

CITY OF HUNTINGTON PARK

City Council

Regular Meeting

Agenda

Tuesday, October 20, 2020

6:00 p.m.

City Hall Council Chambers

6550 Miles Avenue, Huntington Park, CA 90255

Manuel “Manny” Avila
Mayor

Graciela Ortiz
Vice Mayor

Karina Macias
Council Member



Marilyn Sanabria
Council Member

Eduardo “Eddie” Martinez
Council Member

All agenda items and reports are available for review in the City Clerk’s Office and www.hpca.gov. Any writings or documents provided to a majority of the City Council regarding any item on this agenda (other than writings legally exempt from public disclosure) will be made available for public inspection in the Office of the City Clerk located at 6550 Miles Avenue, Huntington Park, California 90255 during regular business hours, 7:00 a.m. to 5:30 p.m., Monday – Thursday, and at the City Hall Council Chambers during the meeting.

Any person who requires a disability-related modification or accommodation, including auxiliary aids or services, in order to participate in the public meeting may request such modification, accommodation, aid or service by contacting the City Clerk’s Office either in person at 6550 Miles Avenue, Huntington Park, California or by telephone at (323) 584-6230. Notification in advance of the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

PLEASE SILENCE ALL CELL PHONES AND OTHER ELECTRONIC EQUIPMENT WHILE COUNCIL IS IN SESSION. Thank you.

PLEASE NOTE--The numerical order of items on this agenda is for convenience of reference. Items may be taken out of order upon request of the Mayor or Members of the City Council. Members of the City Council and the public are reminded that they must preserve order and decorum throughout the Meeting. In that regard, Members of the City Council and the public are advised that any delay or disruption in the proceedings or a refusal to obey the orders of the City Council or the presiding officer constitutes a violation of these rules.

- The conduct of City Council meetings is governed by the portion of the California Government Code commonly known as the "Brown Act" and by the Huntington Park City Council Meeting Rules of Procedure.
- The City Council meeting is for conducting the City's business, and members of the audience must obey the rules of decorum set forth by law. This means that each speaker will be permitted to speak for three minutes to address items that are listed on the City Council agenda or topics which are within the jurisdictional authority of the City.
- No profanity, personal attacks, booing, cheering, applauding or other conduct disruptive to the meeting will be permitted. Any person not adhering to the Rules of Procedure or conduct authorized by the Brown Act may be asked to leave the Council Chambers.
- All comments directed to the City Council or to any member of the City Council must be directed to the Mayor (or Chairperson if Mayor is absent).

We ask that you please respect the business nature of this meeting and the order required for the proceedings conducted in the Council Chambers.

Public Comment

Certain provisions of the Brown Act are temporarily waived pursuant to Governor Newsom's Executive Order N-25-20 and N-29-20.

In the interest of Public Health and Safety in order to minimize the spread of the COVID 19 virus, you are strongly encouraged to observe the City Council meetings on the City of Huntington Park's website at www.hpca.gov.

***PUBLIC COMMENT** – If you would like to comment on any listed Agenda Items or Non-Agenda Items, please email the City Clerk's office at publiccomment@hpca.gov or by telephone, by calling (323) 584-6230, up until one (1) hour, prior to the start of the meeting. Public Comments will then be read during public comment and made part of the record.*

The City of Huntington Park thanks you in advance for your cooperation.

For both open and closed session, each speaker will be limited to three minutes per Huntington Park Municipal Code Section 2-1.207. Time limits may not be shared with other speakers and may not accumulate from one period of public comment to another or from one meeting to another. **This is the only opportunity for public input except for scheduled public hearing items.**

All comments or queries shall be addressed to the Council as a body and not to any specific member thereof. Pursuant to Government Code Section 54954.2(a)(2), the Ralph M. Brown Act, no action or discussion by the City Council shall be undertaken on any item not appearing on the posted agenda, except to briefly provide information, ask for clarification, provide direction to staff, or schedule a matter for a future meeting.

Additions/Deletions to Agenda

Items of business may be added to the agenda upon a motion adopted by a minimum two-thirds vote finding that there is a need to take immediate action and that the need for action came to the attention of the City or Agency subsequent to the agenda being posted. Items may be deleted from the agenda upon the request of staff or Council.

Important Notice

The City of Huntington Park shows replays of City Council Meetings on Local Access Channel 3 and over the Internet at www.hpca.gov. NOTE: Your attendance at this public meeting may result in the recording and broadcast of your image and/or voice.

CALL TO ORDER

ROLL CALL

Mayor Manuel "Manny" Avila
Vice Mayor Graciela Ortiz
Council Member Karina Macias
Council Member Marilyn Sanabria
Council Member Eduardo "Eddie" Martinez

INVOCATION

PLEDGE OF ALLEGIANCE

PRESENTATION(S) – No Presentations

PUBLIC COMMENT

Pursuant to the Governor's Executive Orders, any emailed public comment will be read into the record at this time.

Pursuant to Government Code Section 54954.3(a) Members of the public will have an opportunity to address the City Council on items listed on this agenda. For items on this agenda each speaker will be limited to three minutes per Huntington Park Municipal Code Section 2-1.207. Time limits may not be shared with other speakers and may not accumulate from one period of public comment to another or from one meeting to another.

STAFF RESPONSE

RECESS TO CLOSED SESSION

CLOSED SESSION –

1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
Government Code Section 54956.9(d)(2) – One Matter

2. **CONFERENCE WITH LABOR NEGOTIATORS**
Government Code Section 54957.6
Agency designated representatives: Ricardo Reyes
Employee organization: Huntington Park POA

RECONVENE TO OPEN SESSION

CLOSED SESSION ANNOUNCEMENT

CONSENT CALENDAR

All matters listed under the Consent Calendar are considered to be routine and will be enacted by one motion. There will be no separate discussion of these items prior to the time the Council votes on the motion unless members of the Council, staff, or the public request specific items to be discussed and/or removed from the Consent Calendar for separate action.

OFFICE OF THE CITY CLERK

1. **Approve Minute(s) of the following City Council Meeting(s):**

1-1. Regular City Council Meeting held October 6, 2020

FINANCE

2. **Approve Accounts Payable and Payroll Warrant(s) dated October 20, 2020**

END OF CONSENT CALENDAR

REGULAR AGENDA

PARKS AND RECREATION

3. **CONSIDERATION AND APPROVAL OF EXPENDITURES FOR HOLIDAY DECORATIONS AT CITY HALL**

RECOMMENDATION OF ITEM UNDER CONSIDERATION:

1. Authorize the use of the Arts in Public Places funds included in the FY 2020-21 adopted budget for the holiday tree decorations at City Hall; and
2. Authorize Staff to proceed with Bright Life Designs to install and take down the holiday decorations at City Hall; and
3. Authorize Staff to enter into a 2-year agreement with Bright Life Designs to complete the holiday decorations at City Hall for 2020 and 2021.

PUBLIC WORKS

4. CONSIDERATION AND APPROVAL OF PLANS, SPECIFICATIONS & ENGINEER'S ESTIMATE FOR CIP 2019-07 WATER MAIN REPLACEMENT PROJECT – HILL STREET AND CUDAHY STREET AND AUTHORIZATION TO PROCEED WITH BID ADVERTISEMENT

RECOMMENDATION OF ITEM UNDER CONSIDERATION:

1. Approve Environmental Assessment pursuant to 14 California Code of Regulations § 15301 as a Class 1 categorical exemption under the California Environmental Quality Act (CEQA);
2. Approve CIP 2019-07 Water Main Replacement Project – Hill Street and Cudahy Street (Project) 100% completion of plans, specifications and engineer's estimate (PS&E); and
3. Authorize staff to proceed with bid advertisement for construction.

5. CONSIDERATION AND APPROVAL OF AWARD OF CONTRACT FOR PROJECT APPROVAL AND ENVIRONMENTAL DESIGN OF CIP 2017-03 ATP CYCLE III PROJECT NO. ATPL-5150(015)

RECOMMENDATION OF ITEM UNDER CONSIDERATION:

1. Award the design of Project Approval and Environmental Design of CIP 2017-03 ATP Cycle III Project No. ATPL-5150(015) to Infrastructure Engineers for a not-to-exceed fee of \$8,946; and
2. Authorize the City Manager to execute the professional services agreement.

6. CONSIDERATION AND APPROVAL OF AWARD OF CONTRACT FOR PROJECT APPROVAL AND ENVIRONMENTAL DESIGN OF CIP 2018-11 ATP CYCLE IV PROJECT NO. ATPL-5150(014)

RECOMMENDATION OF ITEM UNDER CONSIDERATION:

1. Award the design of Project Approval and Environmental Design of CIP 2018-11 ATP Cycle IV Project No. ATPL-5150(014) to West & Associates for a not-to-exceed fee of \$32,000;
2. Authorize the City Manager to execute the professional services agreement.

7. CONSIDERATION AND APPROVAL TO PERFORM EMERGENCY REPAIRS TO WATER PRODUCTION WELL 18

RECOMMENDATION OF ITEM UNDER CONSIDERATION:

1. Pursuant to Municipal Code Section 2-5.13 Emergency purchase, authorize the City Manager, Public Works Director and Finance Director to proceed without solicitation of bids to a contract for construction of the repair/replacement of Water Production Well 18;
2. Authorize Inframark to make the necessary repairs for a not-to-exceed amount of \$93,784.32 payable from Account No. 681-8030-461.43-30; and
3. Authorize the City Manager to spend up to \$100,000 from Account No. 681-8030-461.43-30 if any other unforeseen repairs to Well 18 are required per video inspection report.

CITY MANAGER

8. **COUNCIL TO CONSIDER ADOPTION OF AN URGENCY ORDINANCE OF THE CITY COUNCIL OF THE CITY OF HUNTINGTON PARK, CALIFORNIA ESTABLISHING PROCEDURES FOR LOCAL CONSULTATION AND COORDINATION BETWEEN THE CITY OF HUNTINGTON PARK AND STATE, COUNTY AND OTHER PUBLIC AGENCIES DESIRING TO ESTABLISH, IMPLEMENT, OR OPERATE TEMPORARY OR PERMANENT HOUSING FOR PERSONS EXPERIENCING HOMELESSNESS OR PERSONS WHO TEST POSITIVE FOR COVID-19 OR THOSE WHO HAVE HAD HIGH-RISK EXPOSURE TO COVID-19 AT HOTELS, MOTELS, OR OTHER PUBLIC AND PRIVATE FACILITIES**
9. **CONSIDERATION AND POSSIBLE APPROVAL OF SIDE LETTER AND AMENDMENT TO MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN THE CITY OF HUNTINGTON PARK AND THE HUNTINGTON PARK POLICE OFFICERS ASSOCIATION.**
 1. A copy of the agenda material for this item will be available on Tuesday, October 20, 2020 at the City Clerk's Office.

END OF REGULAR AGENDA

PUBLIC HEARING

10. **COUNCIL TO CONSIDER ADOPTION OF THE CITY OF HUNTINGTON PARK'S FISCAL YEAR (FY) 2020/21 – 2024/25 CONSOLIDATED PLAN, FY 2020/21 ANNUAL ACTION PLAN, AND CITIZEN PARTICIPATION PLAN**

RECOMMENDATION OF ITEM UNDER CONSIDERATION:

1. Conduct a public hearing to consider the City's Housing and Community Development needs for the City's Five-Year Consolidated Plan covering FY

2020/21 -2024/25, the associated FY 2020/21 Annual Action Plan, and the Citizen Participation Plan; and

2. Adopt the Fiscal Year 2020/21- 2024/25 Consolidated Plan, the FY 2020/21 Annual Action Plan, and the Citizen Participation Plan at the close of tonight's public hearing, inclusive of any comments received during the 5-day public review period and during this evening's hearing; and
3. Authorize the City Manager to appropriate allocations to projects and programs with FY 2020/21 CDBG and HOME entitlement allocations; and
4. Authorize the City Manager to execute all required documents for transmittal to the U.S. Department of Housing and Urban Development Department (HUD); and
5. Authorize the City Manager to execute the HUD Funding Approval and Agreement between the Department of Housing and Urban Development and City for the Community Development Block Grant and HOME Investment funds for Fiscal Year 2020/21.

DEPARTMENTAL REPORTS (Information only)

WRITTEN COMMUNICATIONS

COUNCIL COMMUNICATIONS

Council Member Eduardo "Eddie" Martinez

Council Member Marilyn Sanabria

Council Member Karina Macias

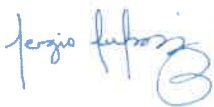
Vice Mayor Graciela Ortiz

Mayor Manuel "Manny" Avila

ADJOURNMENT

The City of Huntington Park City Council will adjourn to a Regular Meeting on Tuesday, November 3, 2020 at 6:00 P.M.

I, Sergio Infanzon, hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted at City of Huntington Park City Hall and made available at www.hpca.gov not less than 72 hours prior to the meeting. Dated this 16th day October 2020.



Sergio Infanzon, Acting City Clerk

ITEM NO. 1

MINUTES

Regular Meeting of the
City of Huntington Park City Council
Tuesday, October 6, 2020

The City Council conducted this meeting in accordance with California Governor Newsom's Executive Order N-25-20 and N-29-20.

The Rules of Decorum were played prior to the start of the Regular Meeting.

The regular meeting of the City Council of the City of Huntington Park, California was called to order at 6:00 p.m. on Tuesday, October 6, 2020, 2020, in the Council Chambers at City Hall, 6550 Miles Avenue, Huntington Park, California; Mayor Manuel "Manny" Avila presiding.

PRESENT: Council Member(s): Eduardo "Eddie" Martinez, Marilyn Sanabria, Karina Macias, Vice Mayor Graciela Ortiz, and Mayor Manuel "Manny" Avila.

CITY OFFICIALS/STAFF: Ricardo Reyes, City Manager; Raul Alvarez, Assistant City Manager; Araceli Almazan, Legal; Sergio Infanzon, Director of Community Development/Acting City Clerk; Cesar Roldan, Director of Public Works; Cosme Lozano, Chief of Police; Cynthia Norzagaray, Director of Parks and Recreation. ABSENT: Nita McKay, Director of Finance & Administrative Services

INVOCATION

Invocation was led by Council Member Martinez.

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Council Member Sanabria.

PRESENTATIONS

A certificate of Recognition was presented to Mr. Ignacio "Nacho" Ramos for 35 years of Service to the Community of Huntington Park.

PUBLIC COMMENT

1. Mr. Ivan Meza, a resident of Huntington Park commented about Police Officers not patrolling the city, and asked for officers or cadets to patrol the residential areas. Mr. Ivan is requesting for the Council, Vice Mayor and Mayor to look at the matter and see what drastic measures need to be enforced. He added that on 6613 Plaska Street many vehicles park on the red zones.
2. The Law Office of Crawford & Bangs submitted a letter objecting to the award of contract for professional services for Citywide Tree Maintenance. The letter was read in its entirety.

STAFF RESPONSE

The City Manager, Rick Reyes, stated that a response to the letter received was going to be discussed during the portion of the Agenda.

CLOSED SESSION - No Close Session

CONSENT CALENDAR

Motion: Vice Mayor Ortiz moved to approve the consent calendar from the October 6, 2020, Regular Meeting, seconded by Council Member Sanabria, Motion passed 5-0-0, by the following vote:

ROLL CALL:

AYES: Council Member(s): Martinez, Sanabria, Macias, Vice Mayor Ortiz and Mayor Avila

OFFICE OF THE CITY CLERK

1. Approved Minute(s) of the following City Council Meeting(s):

- 1-1. Regular City Council Meeting held on September 15, 2020
- 1-2. Special City Council Meeting held on September 22, 2020

FINANCE

2. Approved Accounts Payable and Payroll Warrant(s) dated October 6, 2020

PARKS AND RECREATION

3. CONSIDERATION AND APPROVAL OF AUTHORIZATION AND RATIFICATION OF CERTAIN EXPENDITURES FOR HOLIDAY PALM TREE DECORATIONS ON PACIFIC BOULEVARD

City Manager Ricardo Reyes announced the item and introduced Director Cynthia Norzagaray to present the item.

Motion: Vice Mayor Ortiz moved to approve the authorization of Christmas Light Decorators for the full installation of Holiday Palm Tree Light Decorations on Pacific Boulevard using account #111-6010-451-74.10 in a not-to-exceed amount of \$33,000.00; seconded by Council Member Macias, Motion passed 5-0-0, by the following vote:

ROLL CALL:

AYES: Council Member(s): Martinez, Sanabria, Macias, Vice Mayor Ortiz and Mayor Avila

4. CONSIDERATION AND APPROVAL OF AUTHORIZATION AND RATIFICATION OF CERTAIN EXPENDITURES FOR THE INSTALLATION REMOVAL AND STORAGE OF HOLIDAY DECORATIONS OF PACIFIC BOULEVARD BY SIERRA INSTALLATIONS FOR THE 2020 AND 2021 HOLIDAY SEASON

City Manager Ricardo Reyes announced the item and introduced Director Cynthia Norzagaray to present the item.

Motion: Council member Sanabria moved to Authorize and approve Sierra Installations Inc. as the vendor, per Huntington Park Municipal Code, section 2-5.12(i), for the installation, removal and storage of Holiday Decorations on Pacific Boulevard using account #111-6010-451-74.10 in the amount of \$25,000 and account #232-6010-419-56.41 in the amount of \$15,000 for a total in the not-to-exceed amount of \$40,000; and Authorize the City Manager to enter into a 2-year agreement with Sierra Installations to complete the Holiday decoration installation, removal and storage for 2020 and 2021, seconded by Mayor Avila, Motion passed 5-0-0, by the following vote:

ROLL CALL:

AYES: Council Member(s): Martinez, Sanabria, Macias, Vice Mayor Ortiz and Mayor Avila

PUBLIC WORKS

5. CONSIDERATION AND APPROVAL OF PLANS, SPECIFICATION & ENGINEER'S ESTIMATE FOR CIP 201-06 STREET ENHANCEMENT PROJECT AND AUTHORIZATION TO PROCEED WITH BID ADVERTISEMENT

City Manager Ricardo Reyes announced the item and introduced Director Cesar Roldan to present the item.

Council Member Martinez recused himself from participating during the discussion of this item.

Motion: Vice Mayor Ortiz moved to **consideration and approval of plans, specification & engineer's estimate for CIP 201-06 street enhancement project and authorization to proceed with bid advertisement**, seconded by Mayor Avila, Motion passed 4-0-0, by the following vote:

ROLL CALL:

AYES: Council Member(s): Sanabria, Macias, Vice Mayor Ortiz and Mayor Avila

6. CONSIDERATION AND APPROVAL OF AWARD OF A PROFESSIONAL SERVICES AGREEMENT FOR CITYWIDE TREE MAINTENANCE SERVICES

Director Cesar Roldan presented the item.

As stated by the City Manager during the staff response section, Director Roldan made a clarification in response to the letter submitted by the Law Office of Crawford & Bangs and he stated that the actual process to select a contractor for item 6 was a Request for Proposal and not a bid. Proposals are different, professional services are based on qualifications and not lowest bids. Once a contractor is selected and the City Council approves it, then insurance, worker's compensation, and other related requirements are requested.

City Attorney Araceli Almazan made point of clarification that the City Council, despite what they brought to their attention in the letter that was produced. Council can still award the contract, it just has to be noted that the motion made specifically include, that the award of this contract is being done subject to the production of all insurance requirements, so as long as that is stated in the motion, then the City Council can proceed.

Motion: Vice Mayor Ortiz moved to award a 3-year professional services agreement (PSA) with an option to extend for two (2) additional one-year terms to North Star Land Care for citywide Tree Maintenance Services as the most qualified firm. Allocate an additional amount of \$139,275 to Account No. 535-8090-452-56.60; Award the PSA for an annual not-to-exceed amount of \$319,275 payable from Account No. 535-8090-452-56.60 (\$219,275) and Account No. 111- 8090-452-56.60 (\$100,000); authorize the City Manager to execute the PSA; and subject to production of all required insurances pertaining to the contract, seconded by Council Member Sanabria, Motion passed 5-0-0, by the following vote:

ROLL CALL:

AYES: Council Member(s): Martinez, Sanabria, Macias, Vice Mayor Ortiz and Mayor Avila

7. CONSIDERATION AND APPROVAL OF PROFESSIONAL SERVICES AGREEMENT TO CONDUCT A SOLID WASTE FRANCHISE AUDIT OF CR&R

Director Cesar Roldan presented the item.

Motion: Vice Mayor Ortiz moved to Approve a Professional Services Agreement with Integrity Waste Management to Conduct a Solid Waste Franchise Audit of CR&R for a not-to-exceed amount of \$47,640 payable from Account No.111-8027-431.56-41; and appropriate the amount of \$47,640 into Account No. 111-8027-431.56-41 from the intended use of Initial Audit Fee Reimbursement stated in the Franchise Agreement, Section 27.4.1, up to \$60,000 is to be reimbursed to the City by CR&R; and authorize the City Manager to execute the PSA, seconded by Council Member Sanabria, Motion passed 5-0-0, by the following vote:

ROLL CALL:

AYES: Council Member(s): Martinez, Sanabria, Macias, Vice Mayor Ortiz and Mayor Avila

8. CONSIDERATION AND APPROVAL TO SOLICIT PROPOSALS FOR FIRE PLAN CHECKING AND RELATED SERVICES

Director Cesar Roldan presented the item.

Motion: Council Member Sanabria moved to approve to **solicit proposals for fire plan checking and related services**, seconded by Council Member Macias, Motion passed 5-0-0, by the following vote:

ROLL CALL:

AYES: Council Member(s): Martinez, Sanabria, Macias, Vice Mayor Ortiz and Mayor Avila

END OF REGULAR AGENDA

PUBLIC HEARING

9. COUNCIL TO CONSIDER THE CITY OF HUNTINGTON PARK'S HOUSING AND COMMUNITY DEVELOPMENT NEEDS IN PREPARATION OF THE FISCAL YEAR (FY0 2020/21 – 2024/25 CONSOLIDATED PLAN, FY 2020/2021 ANNUAL ACTION PLAN AND CITIZEN PARTICIPATION PLAN

Mayor Avila announced the Public Hearing and City Manager Ricardo Reyes introduced the item and indicated that it was appropriate to conduct the public hearing.

City Attorney Araceli Almazan, stated that the staff was going to make a presentation and provide an opportunity for councilmembers to ask questions, then the Mayor was going to ask for public comments, including those submitted to the City Clerk's office.

*All comments made by the council members during the council meeting and by the public during the public comment period were included in the Consolidated Plan.

Motion: Vice Mayor Ortiz moved to receive and file the report along with any comments made by the Mayor and City Council and residents during the public hearing, for inclusion in the Five Year Consolidated Plan for FY 2020/21 – 2024/25, FY 2020/21 Annual Action Plan, and Citizen Participation Plan, seconded by Council Member Sanabria, Motion passed 5-0-0, by the following vote:

ROLL CALL:

AYES: Council Member(s): Martinez, Sanabria, Macias, Vice Mayor Ortiz and Mayor Avila

DEPARTMENTAL REPORTS (Information only)

1. No Reports

WRITTEN COMMUNICATIONS – Director Cynthia Norzagaray stated that they had a very successful blood drive with American Red Cross and they are interested in holding another in the near future. Parks & Recreation is currently taking signups for Halloween candy giveaway for the kids on Halloween for a drive thru pickup.

COUNCIL COMMUNICATIONS

Council Member Martinez thanked the staff for making sure the council meeting was conducted safely. He also reminded everyone to be counted for the Census. Is also Breast Cancer awareness month energy of love, and strength to all Breast Cancer survivors. Want to wish a belated Happy Birthday to Mayor Avila and Council Member Macias.

Council Member Sanabria thanked staff for their hard work. We are having a Halloween event this will be different from the years before. Sign up if you are unable to sign up, you can call City Hall.

Council Member Macias, thanked staff for their hard work and want to remind our seniors about the drive thru food pantry that will be on October 15 at 1:00 p.m. They are taking new signups for those who are not sign up.

Vice Mayor Ortiz, thank staff for having everything organize for this meeting. If there are any senior citizen listening from home, we are still taking application for the senior meal programs. we are collaborating with local restaurants that deliver meals to our senior twice a week. Thank you to all the teachers, October 5th was World Teachers Day. During this pandemic a lot of the teacher are stressing out. Thank you teachers for all that you do.

ADJOURNMENT

Mayor Avila adjourned the meeting at 6:44 p.m. in memory of Mr. Samuel Felix Magana who was a great member of the community, to a Regular Meeting on Tuesday, October 20, 2020 at 6:00 P.M.

Respectfully submitted,



Sergio Infanzon
Acting City Clerk

ITEM NO. 2

**City of Huntington Park
List of Funds**

Fund	Description
111	General Fund
121	Special Revenue Welfare Inmate
122	Prevention Intervention
152	Greenway Linear Park Project
210	Measure M
216	Employees Retirement Fund
217	OPEB
219	Sales Tax - Transit Proposition A
220	Sales Tax - Transit Proposition C
221	State Gasoline Tax Fund
222	Measure R
224	Office of Traffic & Safety
225	Cal Cops Fund
226	Air Quality Improvement Trust
227	Office of Criminal Justice
228	Bureau of Justice Fund
229	Police Forfeiture Fund
231	Parking System Fund
232	Art in Public Places Fund
233	Bullet Proof Vest Grant
239	Federal Community Development Block Grant
242	HUD Home Program
275	Successor Agency
283	Sewer Maintenance Fund
285	Solid Waste Management Fund
287	Solid Waste Recycle Grant
334	Ped/Bike Path Fund
475	Public Financing Authority
535	Street Lighting and Landscape
681	Water Department Fund
741	Fleet Maintenance
745	Self-Insurance Fund

CITY OF HUNTINGTON PARK
DEMAND REGISTER
WR 10-20-2020

Payee Name	Invoice Number	Account Number	Description	Transaction Amount
ACTIVE NETWORK, LLC	1000140443	111-6010-451.74-10	ONLINE REGISTRATION SOFTWARE	11,362.00
ALFONSO TORRES	76280 / 76915	111-0000-347.20-00	P&R SPORTS REFUND	70.00
ARAMARK UNIFORM & CAREER APPAREL	000535363597 586000000909 586000005282	741-8060-431.56-41 741-8060-431.56-41 741-8060-431.56-41	PW UNIFORM LAUNDRY SRVC PW UNIFORM LAUNDRY SRVC PW UNIFORM LAUNDRY SRVC	70.00 \$70.00 122.12 123.87 175.99 \$421.98
ARROYO BACKGROUND INVESTIGATIONS	2380	111-7010-421.56-41	POST BACKGROUND	1,100.00
ARTURO BARRERA	NOVEMBER 2020	239-0280-490.51-05	HOUSING-6008 STAFFORD APT. # C	\$1,100.00
AT&T	000015355699 8/21/20-9/20/20 8/28/20-9/27/20 8/28/20-9/27/20 9/1/20-10/31/20 9/23-10/22/20	111-7010-421.53-10 111-9010-419.53-10 111-9010-419.53-10 111-9010-419.53-10 111-9010-419.53-10 111-9010-419.53-10	PD DISPATCH PHONE SRVC PARK COMU CENTER INTERNET SRVC R. PEREZ PARK INTERNET SRVC FREEDOM PARK INTERNET SRVC SALT LAKE PARK INTERNET SRVC PW YARD INTERNET SRVC	379.70 78.80 68.10 68.10 68.10 69.55 \$732.35
AT&T PAYMENT CENTER	08/28/09/27/20 10/07-11/06/20 10/07-11/06/20 10/07-11/06/20 10/07-11/06/20 10/07-11/06/20 10/07-11/06/20	111-7010-421.53-10 111-9010-419.53-10 111-9010-419.53-10 111-9010-419.53-10 111-9010-419.53-10 111-9010-419.53-10 111-9010-419.53-10	PD PHONE SRVCS CITY WIDE PHONE SRVCS CITY WIDE PHONE SRVCS CITY WIDE PHONE SRVCS CITY WIDE PHONE SRVCS CITY WIDE PHONE SRVCS CITY WIDE PHONE SRVCS	1,153.90 33.09 33.09 33.09 33.09 295.04 80.49 \$1,661.79
BAKHSHI, MICHAEL	23343-24548	681-0000-228.70-00	WATER CREDIT REFUND	290.08
BLACK AND WHITE EMERGENCY VEHICLES	3685	111-7022-421.61-24	PD SIREN FOR UNIT # 955	\$290.08
BRINK'S INCORPORATED	3549655	111-9010-419.33-10	BANK TRANSPORT SRVC 9/2020	463.19 \$463.19 442.70 \$442.70
CALIFORNIA TRANSPORT REFRIGERATION	23571	741-8060-431.43-20	PD A/C REPAIR UNIT # 370	419.43
CALPRIVATE BANK	2459216L52XANBY 2469216L2XZSK5 2423168L0RBGHHK 2423168LKRBGHLW 2449215L0MHF0KM 2469216LJ2X5DX1	111-0110-411.66-05 111-0110-411.66-05 111-2030-413.61-20 111-2030-413.61-20 111-2030-413.61-20 111-2030-413.61-20	COUNCIL MEETING EXPENSE COUNCIL MEETING EXPENSE HR OFFICE SUPPLIES HR OFFICE SUPPLIES HR OFFICE SUPPLIES HR OFFICE SUPPLIES	\$419.43 99.46 124.31 10.81 9.41 38.77 29.77 \$312.53

CITY OF HUNTINGTON PARK
DEMAND REGISTER
WR 10-20-2020

Payee Name	Invoice Number	Account Number	Description	Transaction Amount
CENTRAL FORD	3681810	219-8085-431.43-21	SHUTTLE UNIT # 003 SUPPLIES	107.61
	361143	741-8060-431.43-20	A/C EVAPORATOR CORE UNIT # 353	217.29
				\$324.90
CHARTER COMMUNICATIONS	10/2-11/01/20	111-9010-419.53-10	CITY HALL INTERNET SRVC	1,999.00
				\$1,999.00
CINTHIA LOPEZ	76373/76911	111-0000-347.20-00	P&R SPORTS REFUND	70.00
				\$70.00
CONCENTRA MEDICAL CENTERS	69151477	111-2030-413.56-41	PD PHYSICAL LEVEL 2	546.00
				\$546.00
COUNTY OF L.A. DEPT OF PUBLIC WORKS	REPW20090801442	221-8014-429.56-41	TRAFFIC SIGNAL WORK 8/2020	603.85
				\$603.85
CR&R INCORPORATED	0064614	111-8027-431.56-59	WASTE & RECYCLING 10/2020	16,680.00
				\$16,680.00
DANIELA MARTINEZ	76237 / 76912	111-0000-347.20-00	P&R SPORTS REFUND	70.00
				\$70.00
DATA TICKET INC.	116406	111-3010-415.56-41	BL CITES PROCESSING 8/2020	98.50
	116337	111-7065-441.56-41	ANIMAL CONTROL CITATIONS 8/2020	69.50
	116443	111-7065-441.56-41	ANIMAL CONTROL CITATIONS 8/2020	12.50
				\$180.50
DATAPROSE, INC.	DP2003513	681-3022-415.53-20	WATER BILLS POSTAGE 9/2020	1,827.18
	DP2003513	681-3022-415.56-41	WATER BILLS 9/2020	1,386.56
				\$3,213.74
DE LAGE LANDEN	69549913	111-9010-419.44-10	CITY HALL COPIER LEASE 10/2020	2,196.71
				\$2,196.71
DEICI ALVARADO	76115/76914	111-0000-347.20-00	P&R SPORTS REFUND	70.00
				\$70.00
DENISE ARGUETA	76195/76917	111-0000-347.20-00	P&R SPORTS REFUND	65.00
				\$65.00
DIEGO VENTURA	76330 / 76920	111-0000-347.20-00	P&R SPORTS REFUND	65.00
				\$65.00
DOMINIC VASQUEZ	76163/760901	111-0000-347.20-00	P&R SPORTS REFUND	65.00
	76900/760901	111-0000-347.50-00	P&R SPORTS REFUND	20.00
				\$85.00
DORSA LLC	23747-24776	681-0000-228.70-00	WATER CREDIT REFUND	228.77
				\$228.77
EL GRANERO GRILL, INC.	0002	239-0280-490.51-03	EMERG SENIOR MEAL PROGRAM	4,420.00
				\$4,420.00
ENTERPRISE FM TRUST	FBN3997155	111-7010-421.56-41	PD VEHICLE LEASE 7/2020	97.04
	FBN4039682	111-7010-421.56-41	PD VEHICLE LEASE 9/2020	97.04
	FBN3997155	226-7010-419.74-20	PD VEHICLE LEASE 7/2020	1,121.96
	FBN4039682	226-7010-419.74-20	PD VEHICLE LEASE 9/2020	675.08
				\$1,991.12

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ESMERALDA VICTORIA	7553776880	111-0000-347.20-00	P&R SPORTS REFUND	115.00
EXPRESS TRANSPORTATION SERVICES LLC	HPE10012020	111-0000-362.20-15	PROPERTY LEASE 8/2020	\$115.00
	HPE10012020	111-0000-362.20-15	VEHICLE LEASE 9/2020	-2,000.00
	HPE10012020	219-0000-340.30-00	FARES SEPTEMBER 2020	-500.00
	HPE10012020	219-8085-431.56-43	HP EXPRESS SERVICES 09/2020	-1,599.00
	HPE10012020	220-8085-431.56-43	HP EXPRESS SERVICES 09/2020	31,281.13
	HPE10012020	222-8010-431.56-43	HP EXPRESS SERVICES 09/2020	31,281.14
				31,281.13
				\$89,744.40
FEDEX	7-138-94241	111-9010-419.53-20	FIN & CLERK'S SHIPPING SRVC	74.15
				\$74.15
FELIX MERCADO	7592076885	111-0000-347.20-00	P&R SPORTS REFUND	90.00
				\$90.00
FM THOMAS AIR CONDITIONING INC	41665	111-7024-421.56-41	PD DISPATCH A/C REPAIRS	888.75
				\$888.75
GALLS, LLC	016603004	111-7022-421.61-24	PD UNIFORM EQUIPMENT	170.79
				\$170.79
GARY GUTHMAN	70432 / 75721	111-0000-228.20-00	P&R RESERVATION REDUND	150.00
				\$150.00
GLOBALSTAR USA	000000005842163	111-7010-421.53-10	PD PHONE SERVICE	88.82
				\$88.82
GLORIA'S RESTAURANT, INC.	08/21/2020	239-0280-490.51-03	EMERG SENIOR MEAL PROGRAM	410.00
	8/26/20-8/28/20	239-0280-490.51-03	EMERG SENIOR MEAL PROGRAM	700.00
	9/16/20-9/18/20	239-0280-490.51-03	EMERG SENIOR MEAL PROGRAM	820.00
	9/20-9/4/20	239-0280-490.51-03	EMERG SENIOR MEAL PROGRAM	700.00
	9/9/20-9/11/20	239-0280-490.51-03	EMERG SENIOR MEAL PROGRAM	880.00
				\$3,510.00
GRAINGER	9662721027	741-8060-431.43-20	LANYARD HAND PULL VALVE	20.18
				\$20.18
HASA, INC.	713307	681-8030-461.41-00	SODIUM HYPOCHLORITE	257.84
	713310	681-8030-461.41-00	SODIUM HYPOCHLORITE	204.90
	713311	681-8030-461.41-00	SODIUM HYPOCHLORITE	170.75
				\$633.49
HINDERLITER DE LLAMAS & ASSOCIATES	SIN003469	111-9010-419.56-41	CONTRACT SRVCS-SALES TAX	3,560.16
	SIN003970	111-9010-419.56-41	CONTRACT SRVCS-TRANS TAX	1,686.02
				\$5,246.18
IBE DIGITAL	432889	111-9010-419.44-10	CITY CLERK'S TONER	34.49
				\$34.49
IDEAL LIGHTING	118515	111-8023-451.43-10	P&R LAMPS/RECESS LIGHTING REPLCE	3,237.82
				\$3,237.82
IMPACT TIRE SERVICE	2582	741-8060-431.43-20	FLAT REPAIR FOR TWO TIRES	60.00
				\$60.00

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INFRAMARK LLC	55785	283-8040-432.56-41	SEWER UTILITY MAINT 10/2020	13,187.45
	55785	681-8030-461.56-41	WATER UTILITY MAINT 10/2020	101,658.20
				\$114,845.65
INFRASTRUCTURE ENGINEERS	25362	111-5010-419.56-49	BUILDING SRVCS 08/2020	31,340.00
	25412	111-5010-419.56-49	BUILDING SRVCS 09/2020	36,237.50
	25384	111-8080-431.56-62	ENGINEERING SRVCS 08/2020	17,500.00
	25397	202-8080-431.73-10	HAWK SIGNAL PRJCT 8/2020	3,171.00
	25384	221-8010-431.56-41	ENGINEERING SRVCS 08/2020	5,733.00
	25384	222-8080-431.56-41	ENGINEERING SRVCS 08/2020	25,728.25
				\$119,709.75
J P COOKE CO	1147429	111-3010-415.61-20	DOG LICENSE TAGS	177.50
				\$177.50
J316 BUILDER	1-SEPTEMBER2020	111-7024-421.56-41	JANITORIAL SRVCS 9/2020	3,700.84
	2-SEPTEMBER2020	111-7024-421.56-41	JANITORIAL SUPPLIES 9/2020	698.45
	1-SEPTEMBER2020	111-8020-431.56-41	JANITORIAL SRVCS 9/2020	1,440.58
	2-SEPTEMBER2020	111-8020-431.56-41	JANITORIAL SUPPLIES 9/2020	419.07
	1-SEPTEMBER2020	111-8022-419.56-41	JANITORIAL SRVCS 9/2020	4,305.23
	2-SEPTEMBER2020	111-8022-419.56-41	JANITORIAL SUPPLIES 9/2020	931.27
	1-SEPTEMBER2020	111-8023-451.56-41	JANITORIAL SRVCS 9/2020	11,472.56
	2-SEPTEMBER2020	111-8023-451.56-41	JANITORIAL SUPPLIES 9/2020	2,607.54
				\$25,575.54
JIMENEZ, HEDILBERTO	9969-24518	681-0000-228.70-00	WATER CREDIT REFUND	35.23
				\$35.23
JOSE RUIZ	9/2020-10/2020	239-0280-490.51-05	HOUSING-6614 MALABAR ST	1,500.00
				\$1,500.00
JOSELIN CHAVEZ	76159/76913	111-0000-347.20-00	P&R SPORTS REFUND	70.00
				\$70.00
KARINA CHAVEZ	76197/76919	111-0000-347.20-00	P&R SPORTS REFUND	130.00
				\$130.00
KLGV INVESTMENTS, LLC	6/2020-7/2020	239-0280-490.51-05	HOUSING-6325 PASSAIC APT # D	1,500.00
				\$1,500.00
KNIGHTSCOPE, INC.	724	229-0210-421.44-10	K-5 SRVC SUBSCRIPTION	6,000.00
				\$6,000.00
KONICA MINOLTA BUSINESS SOLUTIONS	268722688	111-7010-421.44-10	PD COPIER 09/2020	66.64
	268722956	111-7010-421.44-10	PD ADMIN COPIER 09/2020	210.44
	268722959	111-7010-421.44-10	PD COPIER 09/2020	150.65
	268723055	111-7010-421.44-10	PD RECORDS COPIER 9/2020	379.63
	268723147	111-7010-421.44-10	PD RECORDS COPIER 9/2020	298.91
	268723148	111-7010-421.44-10	PD COPIER 9/2020	193.38
	268723227	111-7010-421.44-10	PD PATROL COPIER 9/2020	210.44
	268723228	111-7010-421.44-10	DETECTIVE COPIER 9/2020	298.91
	268723230	111-7010-421.44-10	PD PATROL COPIER 9/2020	276.23

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KONICA MINOLTA BUSINESS SOLUTIONS	268723512	111-7010-421.44-10	PD COPIER 9/2020	139.36
	268723513	111-7010-421.44-10	PD COPIER 9/2020	1,423.98
	268723498	111-9010-419.43-15	REV COPIER LEASE 9/2020	280.66
	268723501	111-9010-419.43-15	REV COPIER LEASE 7/1-9/30/20	138.52
	268723508	111-9010-419.43-15	FIN COPIER LEASE 9/2020	359.99
	268723510	111-9010-419.43-15	FIN COPIER LEASE 7/1-9/30/20	630.85
				\$5,058.59
LAN WAN ENTERPRISE, INC	70655	111-7010-419.43-15	IT SERVICES SEPT 2020	22,772.00
	70807	111-7010-419.43-15	IT SERVICES OCT 2020	22,772.00
	70624	111-7010-421.56-41	SERVER HPE 380 GEN 9	1,497.99
	70625	111-7010-421.56-41	SERVER HPE 380 GEN 9	1,497.99
	70627	111-7010-421.56-41	HPE FOUNDATION CARE	1,811.23
	70435	111-7010-421.61-20	PD COMPUTER SUPPLIES	388.00
	70538	111-7010-421.61-20	PD COMPUTER SUPPLIES	173.60
	70655	111-9010-419.43-15	IT SERVICES SEPT 2020	22,772.00
	70807	111-9010-419.43-15	IT SERVICES OCT 2020	22,772.00
	70834	111-9010-419.74-10	APC REPLACEMENT BATTERY	2,042.59
				\$98,499.40
LB JOHNSON HARDWARE CO.	110530	219-8085-431.43-21	SUSPENSION BOLTS UNIT # 003	21.37
				\$21.37
LCG BELGRAVE, LLC	23711-10908	681-0000-228.70-00	WATER CREDIT REFUND	407.43
				\$407.43
LOS ANGELES COUNTY CLERK'S OFFICE	CIP 2019-06	111-1010-411.54-00	EXEMPTION FILING FEE	75.00
	CIP 2019-07	681-8030-461.54-00	EXEMPTION FILING FEE	75.00
				\$150.00
LOS ANGELES COUNTY FIRE DEPARTMENT	IN0321623	681-8030-461.42-05	HAZARD MATERIAL DISCLOSURE	503.00
	IN0322427	681-8030-461.42-05	HAZARD MATERIAL DISCLOSURE	503.00
	IN0323358	681-8030-461.42-05	HAZARD MATERIAL DISCLOSURE	503.00
	IN0324040	681-8030-461.42-05	HAZARD MATERIAL DISCLOSURE	503.00
	IN0321622	741-8060-431.42-05	HZRD MTRL/WASTE UNDERGROUND	4,741.00
				\$6,753.00
LUIS RODRIGUEZ	76421/76853	111-0000-347.20-00	P&R SPORTS REFUND	25.00
				\$25.00
LYNBERG & WATKINS APC	56025	745-9031-413.32-70	CLERK'S LEGAL SRVCS	8,998.50
	56026	745-9031-413.32-70	CLERK'S LEGAL SRVCS	3,327.43
	56028	745-9031-413.32-70	CLERK'S LEGAL SRVCS	6,814.76
				\$19,140.69
MARISOL VIRAMONTES	76327/76897	111-0000-347.20-00	P&R SPORTS REFUND	50.00
	76327/76897	111-0000-347.50-00	P&R SPORTS REFUND	17.50
				\$67.50
MARTIN NARANJO	76469 / 76841	111-0000-347.20-00	P&R SPORTS REFUND	75.00
				\$75.00

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MERRIMAC ENERGY GROUP	2204123	741-8060-431.62-30	FUEL PURCHASE	20,939.47
				\$20,939.47
MIGUEL PIMENTEL	7631076895	111-0000-347.20-00	P&R SPORTS REFUND	65.00
				\$65.00
MONTANOS TEST ONLY	31593	741-8060-431.43-20	SMOG CHECK FOR UNIT # 191	35.00
	31597	741-8060-431.43-20	SMOG CHECK FOR UNIT # 192	35.00
	31617	741-8060-431.43-20	SMOG CHECK FOR UNIT # 349	35.00
	31631	741-8060-431.43-20	SMOG CHECK FOR UNIT # 197	35.00
	31672	741-8060-431.43-20	SMOG CHECK FOR UNIT # 357	35.00
	31673	741-8060-431.43-20	SMOG CHECK FOR UNIT # 192	35.00
	31674	741-8060-431.43-20	SMOG CHECK FOR UNIT # 199	35.00
				\$245.00
NACHO'S LOCK & KEY SERVICE	16738	111-8023-451.43-10	PURCHASE OF 20 KEYS	104.74
				\$104.74
NATIONAL JUSTICE CONSULTANTS, INC	1976810	745-9031-413.32-70	CLERK LEGAL SERVICES	1,800.00
				\$1,800.00
NATIONWIDE ENVIRONMENTAL SERVICES	31075	220-8070-431.56-41	BUS SHELTER CLEAN 09/2020	18,072.60
				\$18,072.60
NCM CARWASH	10026	741-8060-431.43-20	CITY VEHICLES WASH 9/2020	859.95
				\$859.95
NEIL CASTELLI	09/24/2020	111-7010-421.59-20	PD MILEAGE REIMBURSEMENT	28.98
				\$28.98
NICOFELA ALCARAZ	7608176907	111-0000-347.20-00	P&R SPORTS REFUND	65.00
				\$65.00
NOBEL SYSTEMS, INC	14908	210-8010-415.56-41	PARKING APP 11/20-10/21	46,800.00
				\$46,800.00
NORTH STAR LAND SCAPE LLC	1601-117	535-8090-452.56-60	LANDSCAPING SRVCS 9/2020	23,057.75
				\$23,057.75
O'REILLY AUTO PARTS	2959-293280	219-8085-431.43-21	COOLANT BOTTLE BUS UNIT #004	94.10
	2959-296826	219-8085-431.43-21	COOLANT RESERVOIR UNIT # 003	94.10
	2959-297088	219-8085-431.43-21	SHOP SUPPLIES FOR BUSES	605.46
	2959-289968	741-8060-431.43-20	A/C LINE GASKETS	19.82
	2959-290883	741-8060-431.43-20	SMALL NUTSWASHER SCREWS	48.05
	2959-291144	741-8060-431.43-20	WASHER	9.61
	2959-293284	741-8060-431.43-20	SMOG SCAN TOOL	125.77
	2959-293475	741-8060-431.43-20	HEATER CORE CONNECTORS	14.63
	2959-293701	741-8060-431.43-20	VACUUM CAPS	26.85
	2959-295878	741-8060-431.43-20	AC COMPRESSOR UNIT 370	312.68
	2959-296674	741-8060-431.43-20	A/C BLOWER MOTOR	37.64
	2959-296692	741-8060-431.43-20	COOLANT RESERVOIR	30.32

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O'REILLY AUTO PARTS	2959-297160	741-8060-431.43-20	AC DOOR ACTUATOR	80.52
	2959-297225	741-8060-431.43-20	PCM REPROGRAM	212.74
	2959-298812	741-8060-431.43-20	BRAKE ROTORS	526.20
	2959-298813	741-8060-431.43-20	BRAKE PADS/ SUPPLIES	214.54
	2959-298989	741-8060-431.43-20	DOOR LOCK ACTUATOR	52.28
				\$2,505.31
OK PRINTING DESIGN & DIGITAL PRINT	1840	111-3010-415.61-20	5000 BL PERMIT PAPER	1,465.60
				\$1,465.60
OLENA KETS	11/2020-12/2020	239-0280-490.51-05	HOUSING-6829 MALABAR APT # H	1,500.00
PENSKE CHEVROLET	253107	741-8060-431.43-20	PD TAIL LAMP UNIT # 270	\$1,500.00
				330.45
PERLA SOLORZANO	76447/76918	111-0000-347.20-00	P&R SPORTS REFUND	\$330.45
				70.00
PRO FORCE LAW ENFORCEMENT	419578	111-7022-421.61-28	HOLSTERS W/ LOCKING SYSTEM	\$70.00
	422377	111-7022-421.61-28	TACTICAL PLATES NEW GLOCK	2,054.54
	417467	227-7116-421.74-10	PD DUTY HOLSTERS/POUCHES	887.01
				6,549.52
				\$9,491.07
RITMO LATINO	12149-24992	681-0000-228.70-00	WATER CREDIT REFUND	14.64
				\$14.64
ROBERTO A GARCIA	SEPTEMBER 2020	239-0280-490.51-05	HOUSING-7109 SEVILLE APT # F	1,500.00
ROBERTO AQUINO	9/2020-10/2020	239-0280-490.51-05	HOUSING-6129 MIDDLETON	\$1,500.00
				1,500.00
ROGER MEDINA	76320 / 76871	111-0000-347.20-00	P&R SPORTS REFUND	\$1,500.00
				65.00
				\$65.00
ROSEMARY IBARRA	75637/76916	111-0000-347.20-00	P&R SPORTS REFUND	70.00
				\$70.00
RUBEN CONTRERAS SILVA	8/2020-9/2020	239-0280-490.51-05	HOUSING-6315 TEMPLETON #C	1,500.00
				\$1,500.00
SAHIRA PARRA	75944/76909	111-0000-347.20-00	P&R SPORTS REFUND	70.00
				\$70.00
SALVADOR BESERRA	9/2020-10/2020	239-0280-490.51-05	HOUSING-2755 E 58TH ST D	1,500.00
				\$1,500.00
SERGIO GONZALEZ JR	11388885937234	111-8010-431.15-25	BOOT REIMBURSEMENT FY20/21	200.00
				\$200.00
SMART & FINAL	3192200037515	111-7010-421.61-20	PD MEETING/EVENT SUPPLIES	120.42
	3192200065696	111-7010-421.61-20	PD MEETING/EVENT SUPPLIES	38.10
				\$158.52
SOURCE ONE OFFICE PRODUCTS, INC.	WO-47093-1	111-1010-411.61-20	CLERK'S OFFICE SUPPLIES	71.92
				\$71.92

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SOUTHERN CALIFORNIA EDISON	9/3/20-10/06/20	111-8010-415.62-10	VARIOUS SRVC LOCATIONS	824.59
	8/18/20-9/17/20	111-8020-431.62-10	SRVC AT 6900 BISSELL	2,494.28
	8/6/20-9/4/20	111-8022-419.62-10	COURTHOUSE SRVICE ACCTS	1,595.20
	8/6/20-9/4/20	111-8022-419.62-10	VARIOUS SRVC LOCATIONS	1,595.20
	9/4/20-10/7/20	221-8014-429.62-10	VARIOUS SRVC LOCATIONS	53.75
	8/26/20-9/25/20	535-8016-431.62-10	SRVC AT 3220 OLIVE STREET	35.71
	9/3/20-10/6/20	535-8016-431.62-10	VARIOUS SRVC LOCATIONS	55.28
				\$6,654.01
SPARKLETT'S	15142085 100820	111-0110-411.66-05	COUNCIL DRINKING WATER	21.73
	15142085 100820	111-0210-413.61-20	ADMIN DRINKING WATER	21.74
	15142085 100820	111-1010-411.61-20	CITY CLERK'S DRINKING WATER	3.22
	15142085 100820	111-2030-413.61-20	HR DRINKING WATER	22.70
	15142085 100820	111-3010-415.61-20	FIN DRINKING WATER	67.65
	15142085 100820	111-5010-419.61-20	COMU DEV DRINKING WATER	50.47
	15142085 100820	111-5055-419.61-20	CODE ENFORCE DRINKING WATER	16.82
	15142085 100820	111-6010-451.61-20	PARKS DRINKING WATER	123.07
	19438227 092320	111-7010-421.56-41	PD WATER DELIVERY SRVC	546.67
	15142085 100820	111-8020-431.61-20	PW DRINKING WATER	182.49
	15142085 100820	111-8080-431.61-20	PW DRINKING WATER	16.82
				\$1,073.38
STAPLES ADVANTAGE	8059894041	111-0110-411.61-20	COUNCIL OFFICE SUPPLIES	187.08
	8059894041	111-0210-413.61-20	ADMIN OFFICE SUPPLIES	103.91
	8059894041	111-1010-411.61-20	CLERK'S OFFICE SUPPLIES	162.32
	8059894041	111-3010-415.61-20	FINANCE OFFICE SUPPLIES	96.85
	8059894041	111-5010-419.61-20	COMU DEV OFFICE SUPPLIES	501.30
	8059894041	111-6010-451.61-20	P&R OFFICE SUPPLIES	8.82
	8059894041	111-7010-421.61-20	PD ADMIN OFFICE SUPPLIES	82.03
	8059894041	111-7022-421.61-27	PD JAIL OFFICE SUPPLIES	822.65
	8059894041	111-7040-421.61-31	PD RECORD OFFICE SUPPLIES	148.93
	8059894041	111-8020-431.61-20	PW OFFICE SUPPLIES	47.94
				\$2,161.83
SUPERIOR COURT OF CALIFORNIA	AUGUST 2020	111-7010-415.56-10	PRKNG CITATION SURCHARGE	23,097.00
	SEPTEMBER 2020	111-7010-415.56-10	PRKNG CITATION SURCHARGE	19,524.25
				\$42,621.25
SUSAN MEJIA	76293/76903	111-0000-347.20-00	P&R SPORTS REFUND	25.00
	76293/76903	111-0000-347.50-00	P&R SPORTS REFUND	20.00
				\$45.00
T2 SYSTEMS CANADA INC.	IRIS0000077159	111-8010-415.56-41	PAY STATION SOFTWARE 10/20	2,250.00
	INVSTD000055861	111-8010-415.61-20	5 ANTENNAS PARKING PAY STATIONS	286.84
				\$2,536.84

**CITY OF HUNTINGTON PARK
DEMAND REGISTER
WR 10-20-2020**

Payee Name	Invoice Number	Account Number	Description	Transaction Amount
THE FLAG SHOP	20116	111-0110-411.61-20	CALIFORNIA FLAG W/ STAND	281.78
THE LOS ANGELES BANH MI COMPANY	13	239-0280-490.51-03	EMERG SENIOR MEAL PROGRAM	\$281.78
THIRTY5 DEGREES, LLC	00000008 0000007	239-0280-490.51-03 239-0280-490.51-03	EMERG SENIOR MEAL PROGRAM EMERG SENIOR MEAL PROGRAM	430.00 \$430.00 1,140.00 860.00 \$2,000.00
TIMOTHY J. SCHENNUM	09/24/2020	111-7010-421.59-20	PD MILEAGE REIMBURSEMENT	28.98
TOWN HALL STREAMS	12033	111-1010-411.56-41	COUNCIL STREAMING 10/2020	\$28.98
U.S. ARMOR CORPORATION	29810 29810	111-7022-421.61-24 233-7010-421.74-10	BULLETPROOF VEST BULLETPROOF VEST	300.00 \$300.00 333.71 333.71
UNDERGROUND SERVICE ALERT OF SO CAL	920200130 dsb20195155	221-8014-429.56-41 221-8014-429.56-41	UNDERGROUND SRVC ALERTS STATE REGULATORY FEE	\$667.42 277.30 106.43 \$383.73
VELADA CONSULTING LLC	0019	111-0210-413.56-41	CONSULTING SRVC 8/21-9/20	7,500.00
VULCAN MATERIALS COMPANY	72717088 72719688 72724046 72724047	221-8010-431.61-21 221-8010-431.61-21 221-8010-431.61-21 221-8010-431.61-21	HOT ASPHALT FOR POTHOLES HOT ASPHALT FOR POTHOLES HOT ASPHALT FOR POTHOLES HOT ASPHALT FOR POTHOLES	\$7,500.00 428.70 167.00 346.32 167.82
WALTERS WHOLESALE ELECTRIC COMPANY	S116416017.001	681-8030-461.43-30	WELL #14 MOTOR PARTS	\$1,109.84
WEST GOVERNMENT SERVICES	843103784	111-7030-421.56-41	PD WEST INFO CHARGERS	2,006.29 \$2,006.29 707.25
WESTERN EXTERMINATOR COMPANY	8369608 8459263 8369608 8459263 8369608 8459263 8369608 8459263 8369608 8459263	111-7024-421.56-41 111-7024-421.56-41 111-8020-431.56-41 111-8020-431.56-41 111-8022-419.56-41 111-8022-419.56-41 111-8023-451.56-41 111-8023-451.56-41 535-8090-452.56-60 535-8090-452.56-60	EXTERMINATOR SRVCS 8/2020 EXTERMINATOR SRVCS 9/2020 EXTERMINATOR SRVCS 8/2020 EXTERMINATOR SRVCS 9/2020 EXTERMINATOR SRVCS 8/2020 EXTERMINATOR SRVCS 9/2020 EXTERMINATOR SRVCS 8/2020 EXTERMINATOR SRVCS 9/2020 EXTERMINATOR SRVCS 8/2020 EXTERMINATOR SRVCS 9/2020	\$707.25 50.00 50.00 67.50 67.50 49.00 49.00 92.50 92.50 139.50 139.50 \$797.00

CITY OF HUNTINGTON PARK
DEMAND REGISTER
WR 10-20-2020

Payee Name	Invoice Number	Account Number	Description	Transaction Amount
WEX BANK	67926790	741-8060-431.62-30	PD FUEL PURCHASE	509.83
				\$509.83
WILLDAN FINANCIAL SERVICES	010-45779	111-9010-419.56-41	REFUSE COLLECTION	125.00
	010-45780	535-8016-431.56-41	SPECIAL TAX ADMINISTRATION	2,229.36
				\$2,354.36
WM CORPORATE SERVICES, INC	0008502-2246-4	111-6010-451.76-05	SOIL REMOVAL SRVC 7/2020	770,664.64
				\$770,664.64
				\$1,534,275.79

ITEM NO. 3



CITY OF HUNTINGTON PARK

Parks and Recreation Department
City Council Agenda Report

October 20, 2020

Honorable Mayor and Members of the City Council
City of Huntington Park
6550 Miles Avenue
Huntington Park, CA 90255

Dear Mayor and Members of the City Council:

CONSIDERATION AND APPROVAL OF EXPENDITURES FOR HOLIDAY DECORATIONS AT CITY HALL

IT IS RECOMMENDED THAT THE CITY COUNCIL:

1. Authorize the use of the Arts in Public Places funds included in the FY 2020-21 adopted budget for the holiday tree decorations at City Hall; and
2. Authorize Staff to proceed with Bright Life Designs to install and take down the holiday decorations at City Hall; and
3. Authorize Staff to enter into a 2-year agreement with Bright Life Designs to complete the holiday decorations at City Hall for 2020 and 2021.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Holiday Decorations – City Hall

The live Sequoia tree has been a large part of the City's celebrations and is a fixture of the community during the holidays, especially for the City's annual Tree Lighting Ceremony. The addition of light decorations at City Hall has served to enhance the overall appearance since it is a focal point of the City.

Staff is requesting authorization to utilize budgeted funds and sign a contract with Bright Life Designs for the installation and take down of the holiday decorations of the live Sequoia tree, the installation and removal of lights for the exterior of the City Hall balcony and arches (facing Miles Avenue and facing Keller Park), as well as the interior of the arches which extend from City Hall to the Police Department. City Staff contacted several vendors equipped to rent and install the lights as well as all the decorations for City Hall, particularly the lights on the arches without causing structural damage. Bright Life Designs has the lowest price at \$15,200 for the same quality lighting services. In addition, if the City chooses to enter into a 2-year agreement, they are willing to do the 2021 decorations at City Hall for the same price as this year.

CONSIDERATION AND APPROVAL OF EXPENDITURES FOR HOLIDAY DECORATIONS AT CITY HALL

October 20, 2020

Page 2 of 2

	St. Nick's	Bright Life Designs	Christmas Kings
Tree (lights, decorations); Walkway arches, City Hall balcony and palm trees			
Total Cost	\$24,650	\$15,200	\$27,000

FISCAL IMPACT/FINANCING

Funding for the 2020 Holiday Decorations at City Hall was approved in the City's FY 20-21 Adopted Budget under account #232-6010-419-56.41

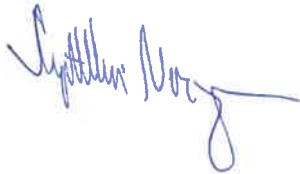
CONCLUSION

Upon Council approval, staff will proceed with the recommended actions.

Respectfully submitted,



RICARDO REYES
City Manager



CYNTHIA NORZAGARAY
Director of Parks and Recreation

ATTACHMENT(S)

- A. St. Nick's Estimate
- B. Bright Life Designs Estimate
- C. Christmas Kings Estimate

ATTACHMENT A



October 14, 2020

Contact Name: Rene Rubalcava
Title: Management Analyst
Client Name: City of Huntington Park
Email: RRubalcava@hpca.gov
Phone: (323) 584-6218

City of Huntington Park Proposal

"Scope of Services"

Installation, Removal & Rental of Decorations

SUMMARY REPORT:

- Eleven (11) Arches with C9 LED Warm White Lights.
- Ten (10) Palm Trees wrapped with Mini Light.
- City Hall balcony decorated with Garland and Bows.
- One (1) 33' Live tree decorated with Lights and Ornaments.

DETAILED REPORT:

33' Live Tree

- One (1) 33' Live tree, in front of City Hall. Tree will be decorated with warm white LED mini lights on stringer wire. Approximately 2,550 total lights used. Tree will also be decorated with an assortment of ornaments. Different finishes and sizes, traditional colors.
- Tree will be topped with a 3' red star tree topper.
- Outdoor present package around the base.

Civic Center Walkway Arches

- Eleven (11) Arches outlined with Warm-White LED C9 lights. All four sides of the arches. Approximately 750 feet of lights.

Palm Trees

- Ten (10) Medium to small palm trees wrapped with LED mini lights. Palms will be wrapped with four inch spacing.

City Hall Balcony

- Four (4) 9' sections of lit garland decorated in traditional colors. Garland will be swagged on the balcony railing.
- Four (4) 24" Red bows with Gold trim.

Timing and Agreement:

This Agreement shall commence on October 30, 2020, the date first written above for a one (1) year term with the option for the City to grant up to a two-year renewals, exercisable by a writing by the City Manager and the City Attorney, unless terminated earlier in accordance with Section 15, below.

BrightLife Designs LLC
16351 Gothard St, STE C, Huntington Beach, CA 92647
Phone: 714-326-8326; Direct : 714-372-2274
www.Brightlivedesigns.com



Rental: Yes, Installation & Removal Services, Holiday Decor
Purchase: N/A
Installation Date: First week of Nov. 1st 2020- Tree Lights earlier if applicable
Working Hours: Business Hours & Night Hours
Strike Date: First Week of January 2021
Installation Address: 6603 Miles Ave, Huntington Park CA
City Permits: * Price does not include city permits, additional cost for required permits.

Total Cost \$15,200.00
Amount Due upon Acceptance of Proposal \$7,600.00
Amount Due Prior to Installation Commencing \$7,600.00
Total \$15,200.00

To execute this agreement, sign this proposal and the Terms and Conditions. Please note the payment schedule above, In addition any delinquent accounts with a past due balances are subject to a \$90.00 late fee. Upon receipt of initial payment, the dates of installation & removal will be secured. This quote is valid for 30 days. Thank you.

Sincerely,

Joe Castro

Confirmed By and on Behalf of
City of Huntington Park

Authorized Signer

Printed Name

Date

ATTACHMENT B



September 10, 2020

Rene Rubalcava
City of Huntington Beach
rrubalcava@hpcg.gov
(323) 584-6218

City of Huntington Park Holiday Agreement 2019 – Rental 1 Year

Front Set of City Hall Arches (11 qty.) – facing Miles Ave.:

- St. Nick's will install C9 white LED lights across the outer 11 arches of City Hall (lighted on both sides of the arches). The lights will be securely affixed to the painted concrete with weatherproof glue (client is aware of potential paint damage and responsible for their own repair).

☐ Rental Price.....\$2,300

Front Set of City Hall Arches (11 qty.) – facing Keller Park:

- St. Nick's will install C9 white LED lights across the outer 11 arches of City Hall (lighted on both sides of the arches). The lights will be securely affixed to the painted concrete with weatherproof glue (client is aware of potential paint damage and responsible for their own repair).

☐ Rental Price.....\$2,300

Second Back Set of City Hall Arches (11 qty.) – facing Miles Ave.:

- St. Nick's will install C9 white LED lights across the inner 11 arches of City Hall (lighted on both sides of the arches). The lights will be securely affixed to the painted concrete with weatherproof glue (client is aware of potential paint damage and responsible for their own repair).

☐ Rental Price.....\$2,300

Second Back Set of City Hall Arches (11 qty.) – facing Keller Park:

- St. Nick's will install C9 white LED lights across the inner 11 arches of City Hall (lighted on both sides of the arches). The lights will be securely affixed to the painted concrete with weatherproof glue (client is aware of potential paint damage and responsible for their own repair).

☐ Rental Price.....\$2,300

City Hall Balcony (1 qty.) – facing Miles Ave.:

- St. Nick's will install C9 white LED lights across the outside balcony.

☐ Rental Price.....\$900



Live 33' Christmas Tree (Ornaments):

- St. Nick's will beautifully decorate the live Christmas tree (approx. 33-feet) on the front lawn of City Hall with many different-sized ornaments in a red/silver/white color theme. Ornaments will be matte, shiny and glittery. Ornament package: medium density.

☐ Rental Price.....\$6,000

Live 33' Christmas Tree (Lights):

- St. Nick's will install white LED C9 lights evenly throughout the entire 33-foot (approx.) live Christmas tree on the front lawn of City Hall.

☐ Rental Price.....\$4,000

Fiberglass Lighted Presents:

- St. Nick's will install about 12-15 beautiful fiberglass lighted presents in different sizes ranging from 2-4-feet. The presents will circle the live Christmas tree on the front lawn of City Hall inside the gated planter. These fiberglass presents look awesome in daytime and nighttime.

☐ Rental Price.....\$1,800

City Hall Palm Trees (10 qty.):

- St. Nick's will wrap 10 medium-sized palm trees with white mini lights outside City Hall. Price per tree wrap: \$275 each.

☐ Rental Price.....\$2,750

Total Rental Price: \$24,650

Rental:	Rental Décor Package
Installation Date:	November 2-27, 2020
Removal Date:	On or after January 10th, 2021
Installation Address:	6550 Miles Ave, Huntington Park, CA 90255

ATTACHMENT C

HUNTINGTON PARK

33' Live tree wrapped in warm white lights and decorated with ornament package of customer color choice.
- Including gift boxes at base

22 - Arches lined inside and outside with C9 warm white LED lights

Commercial Lit Garland Across top of monument sign with 2 18" structural bows

10 - Total palms wrapped with warm white Micro LED lights up to apx. 12'

Balcony at City Hall decorated with C9 warm white LED lights around top and bottom of the railing

The Christmas Kings
SINCE 1978



HUNTINGTON PARK

33' Live tree wrapped in warm white lights and decorated with ornament package of customer color choice.

- Including gift boxes at base

22 - Arches lined inside and outside with C9 warm white LED lights

Commercial Lit Garland Across top of monument sign with 2 18" structural bows

10 - Total palms wrapped with warm white Micro LED lights up to apx. 12'

Balcony at City Hall decorated with C9 warm white LED lights around top and bottom of the railing

The Christmas **KINGS**
PROFESSIONAL LIGHT & ORNAMENT SERVICE





City of Huntington Park

33' Live tree wrapped in warm white lights and decorated with ornament package of customer color choice.
Including gift boxes at base

22 - Arches lined inside and outside with C9 warm white LED lights

Commercial Lit Garland Across top of monument sign with 2 18" structural bows

10 - Total palms wrapped with warm white Micro LED lights up to apx. 12'

Balcony at City Hall decorated with C9 warm white LED lights around top and bottom of the railing

TOTAL SCOPE COMPLETED IN 2020 :

\$27,000

TOTAL SCOPE COMPLETED WITH A THREE YEAR PROJECT COMMITMENT:

\$24,000 per year

ITEM NO. 4



CITY OF HUNTINGTON PARK

Public Works Department
City Council Agenda Report

October 20, 2020

Honorable Mayor and Members of the City Council
City of Huntington Park
6550 Miles Avenue
Huntington Park, CA 90255

Dear Mayor and Members of the City Council:

CONSIDERATION AND APPROVAL OF PLANS, SPECIFICATIONS & ENGINEER'S ESTIMATE FOR CIP 2019-07 WATER MAIN REPLACEMENT PROJECT – HILL STREET AND CUDAHY STREET AND AUTHORIZATION TO PROCEED WITH BID ADVERTISEMENT

IT IS RECOMMENDED THAT THE CITY COUNCIL:

1. Approve Environmental Assessment pursuant to 14 California Code of Regulations § 15301 as a Class 1 categorical exemption under the California Environmental Quality Act (CEQA);
2. Approve CIP 2019-07 Water Main Replacement Project – Hill Street and Cudahy Street (Project) 100% completion of plans, specifications and engineer's estimate (PS&E); and
3. Authorize staff to proceed with bid advertisement for construction.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

At the October 1, 2019 City Council meeting, the City Council awarded the design of the Project. Hill Street and Cudahy Street between State Street and Salt Lake Avenue were identified as a priority for the replacement and upgrades of the City's water mainlines. These infrastructure improvements are necessary to meet the City's anticipated water needs and continue to allow the City to ensure that its residents have access to clean potable water. Additional investment in the City's water infrastructure addresses deficient fire flows and capacity deficiencies over the next twenty plus years.

The construction documents (plans and specifications) have been completed in accordance with Greenbook standard specifications, Los Angeles County Water Standard design manual and is consistent with the City's procurement and purchasing manual. With City Council's approval, staff will advertise the project for bids in a local

CONSIDERATION AND APPROVAL OF PLANS, SPECIFICATIONS & ENGINEER'S ESTIMATE FOR CIP 2019-07 WATER MAIN REPLACEMENT PROJECT – HILL STREET AND CUDAHY STREET AND AUTHORIZATION TO PROCEED WITH BID ADVERTISEMENT

October 20, 2020

Page 2 of 3

newspaper of general circulation, submit the Notice Inviting Bid (NIB) to plan rooms, and upload the bid documents on the City's website, available free of charge to prospective bidders.

The following tentative schedule has been identified for the bid process:

NIB issued and posted:	October 23, 2020
Bid submittal due date:	November 18, 2020
Tentative City Council Award date:	December 1, 2020

LEGAL REQUIREMENT

The City Council is required to approve and adopt plans, specifications and working details, and authorize the bid request for all public projects. The bid advertisement is consistent with Public Contract Code sections 20161 and 20162, which mandates California public works projects to be competitively bid.

ENVIRONMENTAL IMPACT

Approve Environmental Assessment as follows: The proposed project is categorically exempt from the requirements of the California Environmental Quality Act (CEQA) pursuant to 14 California Code of Regulations § 15301 as a Class 1 categorical exemption (Existing Facilities). The project results in minor alterations to existing public facilities involving no significant expansion of the existing use. The project is not anticipated to have any significant impacts with regard to traffic, noise, air quality, or water quality. There are adequate utilities and public services to serve the project;

FISCAL IMPACT/FINANCING

Approval of this action will allow staff to proceed with bidding of this capital project, with an estimated construction cost of \$3,525,878, which includes a 10% construction contingency. The estimated construction cost is comprised of SB 1 RMRA (\$500,000), Measure M (\$770,000) and the Water Fund (\$2,255,878) for a total of \$3,525,878. However, actual construction costs are not known until bids are received. The exact amounts will be provided at a future council meeting once construction bids are received and thoroughly vetted.

CONCLUSION

Upon Council approval, staff will proceed with the recommended actions.

Respectfully submitted,

**CONSIDERATION AND APPROVAL OF PLANS, SPECIFICATIONS & ENGINEER'S
ESTIMATE FOR CIP 2019-07 WATER MAIN REPLACEMENT PROJECT – HILL
STREET AND CUDAHY STREET AND AUTHORIZATION TO PROCEED WITH BID
ADVERTISEMENT**

October 20, 2020

Page 3 of 3



RICARDO REYES
City Manager



CESAR ROLDAN
Director of Public Works

ATTACHMENT(S)

- A. CIP 2019-07 Water Main Replacement Project - Hill & Cudahy - Plans
- B. CIP 2019-07 Water Main Replacement Project - Hill & Cudahy - Specifications

ATTACHMENT A

STORM WATER POLLUTION REQUIREMENT:

1. BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES SHALL BE USED TO PREVENT EROSION AND PREVENTS THE RELEASE OF POLLUTANTS FROM CONSTRUCTION SITES. REMEDIATION OF ANY POLLUTANTS WHICH MUST BE REMEDIATED ON ALL CONSTRUCTION SITES, REGARDLESS OF SIZE.
2. EXPOSED SOILS AND OTHER POTENTIAL POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA DRIFTING, WINDBLAST, OR OTHER MEANS, INCLUDING DRAINAGE COURSES OR WIND.
3. DUSTS OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE CONTROLLED TO PREVENT POLLUTION OF AIR QUALITY. DUSTS OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE STORED IN A COVERED APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS SHALL NOT BE WASHED INTO THE DRAINAGE SYSTEM.
4. EXCESS OR WASTE CONCRETE SHALL NOT BE WASHED INTO THE PUBLIC HWY OR ANY OTHER WATERWAY. EXCESS OR WASTE CONCRETE SHALL BE RETURNED TO A RETAIL CONCRETE WAREHOUSE OR MAY NOT BE DISPOSED OF AS SOLID WASTE.
5. WASH AND CONSTRUCTION RELATED SOILED MATERIALS MUST BE DEPOSITED INTO A COVERED APPROVED TO PREVENT CONTAMINATION OF PARKWAYS AND DRIVEWAYS OF HWYS.
6. SEDIMENTS AND OTHER MATERIALS MAY NOT BE DISCHARGED FROM THE SITE BY VEHICLE OR OTHER MEANS INTO THE PUBLIC HWY OR ANY OTHER WATERWAY. ACCORDINGLY, SEDIMENTS MUST BE REMOVED FROM BOMS DEPOSITED INTO THE PUBLIC HWY, ACCORDINGLY, SEDIMENTS MUST BE SHIPPED IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
7. ANY SLOPES WITH DISTURBED SOIL OR EXPOSED OF VEGETATION MUST BE STABILIZED 90 TO 120 DAYS AFTER EXPOSURE BY WIND AND WATER.
8. THE FOLLOWING BOMS AS OUTLINED IN SUBP NOT LIMITED TO, THE BEST MANAGEMENT PRACTICES HANDBOOK, CALIFORNIA STORM WATER QUALITY TIER FOUR, SCAFFOLDING, EROSION CONTROL, AND OTHER BEST MANAGEMENT PRACTICES, SHALL BE REQUIRED. ADDITIONAL MEASURES MAY BE REQUIRED AS DEEMED APPROPRIATE BY THE CITY ENGINEER.

CALTRANS STANDARD PLANS 2018 EDITION:

-

W-6 SERVICE CONNECTION AND METER
W-8 FIRE HYDRANT (200 PSI RIGHT ANGLE)
W-15 VALVE BOX
W-16 VALVE BOX

- | | | |
|--------------------|---------------------|---------------------|
| WATER VALVE | TELEPHONE MARKER | STORM DRAIN MARKER |
| WATER VALVE | SEWER MARKER | SEWER MARKER |
| WATER METER | TRAFFIC CONTROL BOX | TRAFFIC CONTROL BOX |
| WATER METER | EXISTING ELEVATION | EXISTING ELEVATION |
| ELECTRIC BOX (CUT) | PROPOSED ELEVATION | PROPOSED ELEVATION |
| TRANSFORMER BOX | CYSTEINE STATION | CYSTEINE STATION |
| TRANSFORMER BOX | WATER LINE STATION | WATER LINE STATION |
| TELEPHONE | BENCH | BENCH |
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INFRASTRUCTURE ENGINEERS

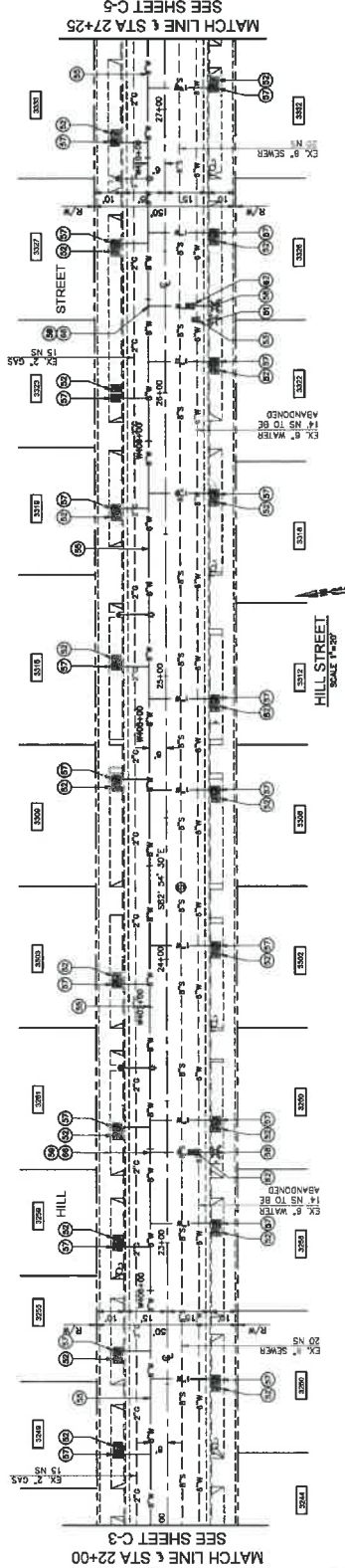
Regd. Office: A-1, Sub-sec-II,
Indira Park, Lodi,
New Delhi-110003
www.infraengg.com

DESIGNED BY: C. GUTIERREZ
DRAWN BY: B. PEREZ
CHECKED BY: N. SEWANI DATE=28/07/2012

UNDER THE SUPERVISION OF



21. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS DEPARTMENT OF ANY AND ALL CHANGES TO THE PROJECT PRIOR TO STARTING WORK ON THE PROJECT. ALL WORK SHALL BE DONE IN THE PRESENCE OF CITY INSPECTOR. THE PRESENCE OF CITY INSPECTOR IS SUBJECT TO REJECTION.

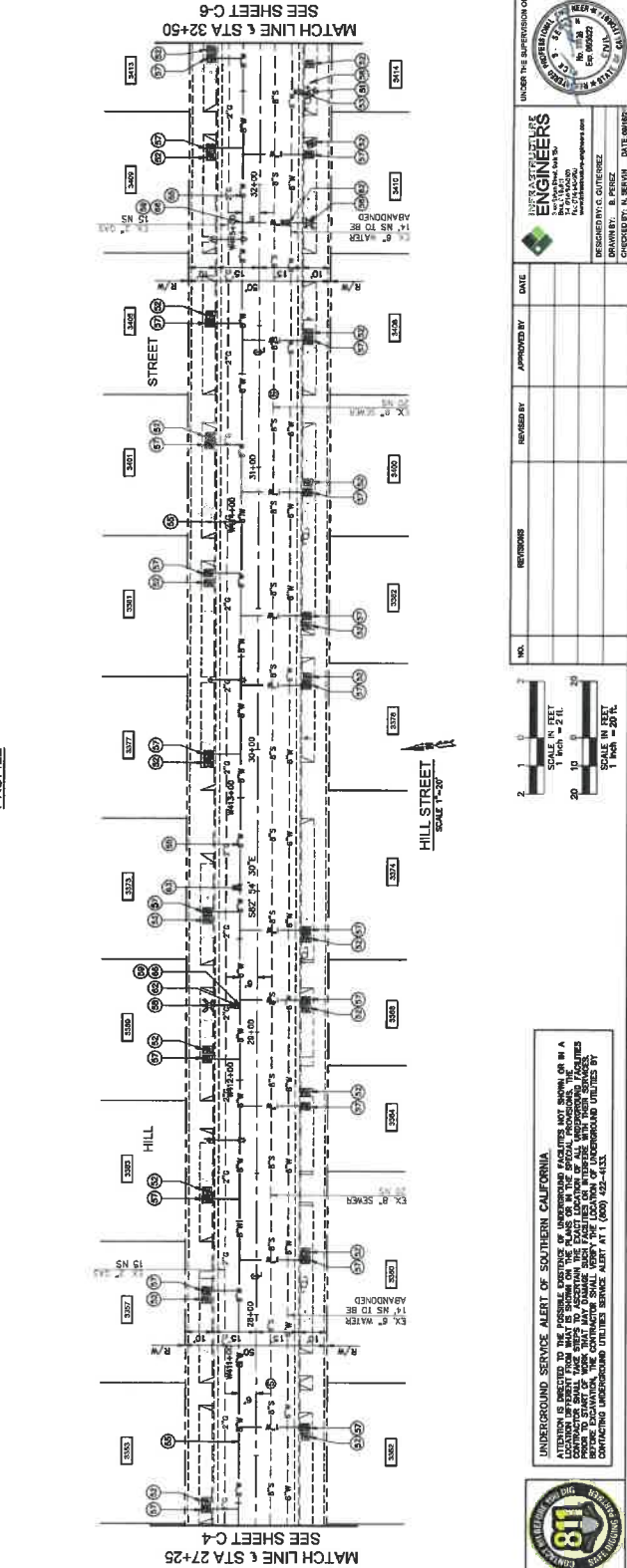
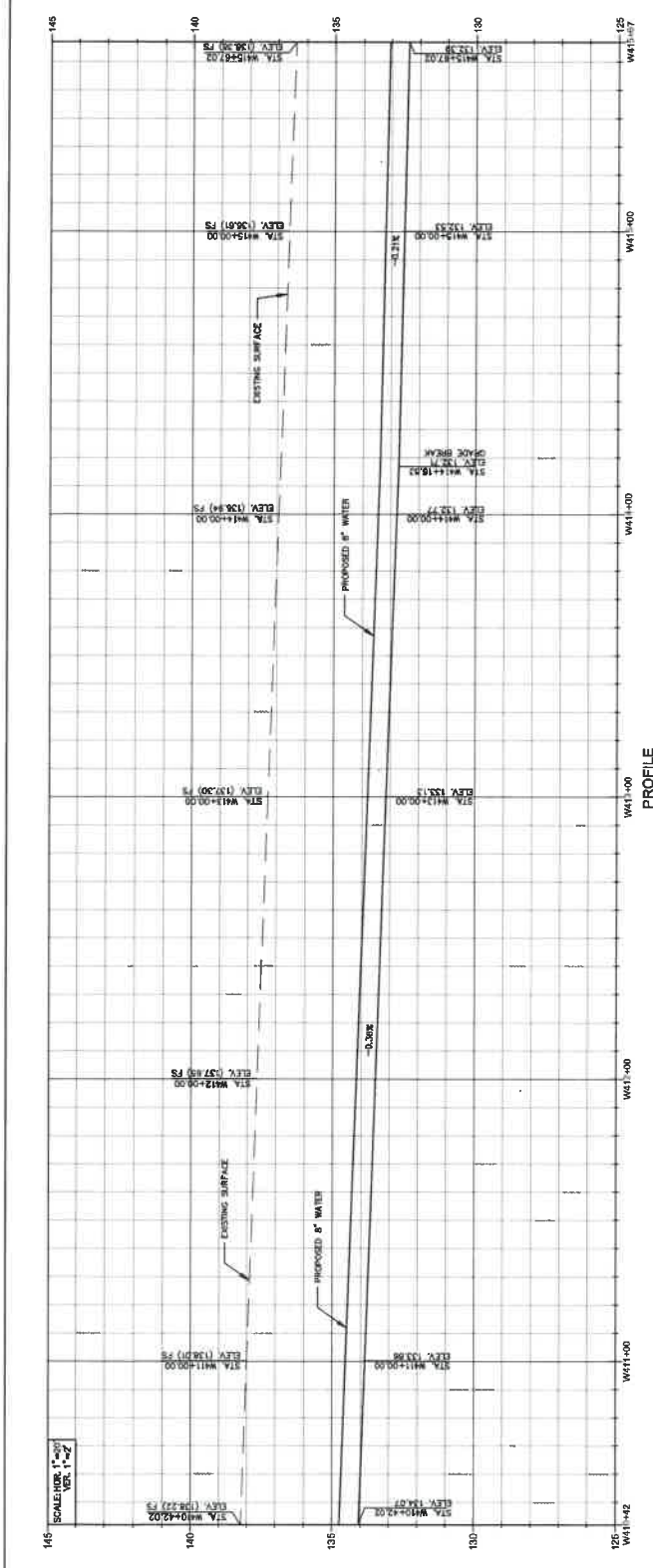


WATER GENERAL CONSTRUCTION NOTES:

1. PROVIDE ACCESS AT ALL TIME AND PROTECT-IN-PLACE EXISTING UTILITIES.
2. BEFORE STARTING WORK, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR OBTAINING SERVICE ALERT BY CALLING 811, AT LEAST 48 HOURS IN ADVANCE.
3. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AT LEAST 48 HOURS PRIOR TO START OF FIELD REMOVAL.
4. ALL BURIED PIPES SHALL HAVE 42" MINIMUM COVER, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING PORTING OF EXISTING WATER MAIN INCLUDING ALL EXISTING APPURTENANCES AND FITTINGS.
6. ALL REMAINTS OF EXISTING MAIN TO BE ABANDONED SHALL BE FILLED WITH PORTLAND CEMENT MORTAR AND SHALL BE PROTECTED BY A 12" MINIMUM DIRT AND GROUND SURROUND.
7. WELD D.I. PIPE WITH 6" HALL VALVE/VALVE TO PROTECT THE PIPE.
8. RESTRAINED JOINTS AND FITTINGS SHALL BE USED ALONG THE PIPE CONSTRUCTION.
9. WATER AND SEWER SEPARATION REQUIREMENT OF 10 FEET MINIMUM.
10. PROTECT FIRE FLOW WITHIN THE PROJECT AREA THROUGHOUT ENTIRE PROJECT CONSTRUCTION.
11. FILL PANS, RESTRAINED JOINTS, AND OTHER APPURTENANCES AS REQUIRED.

WATER CONSTRUCTION NOTES:

1. REMOVE EXISTING INVERT/ASSEMBLY AND ABANDON PER LATEST EDITION OF APWA AND AWWA STANDARDS.
2. REMOVE EXISTING WATER MAINS & WATER MAIN AND BACKFILL & COMPACT CONCRETE BACKFILL, LAMINATE, ETC. AS REQUIRED.
3. REMOVE EXISTING VALVE CHAMBER AND COVER, BACKFILL WITH 3-4" JACK SLURRY TO SEGRADE. REPAIR EXISTING FINISHED SURFACE IN 15%.
4. NEW 16" DI. PIPES EXISTING WATER MAIN AND ABANDON IN PLACE PER LATEST EDITION OF APWA AND AWWA STANDARDS.
5. NEW 16" DI. PIPES EXISTING WATER MAIN, 42" MINIMUM COVER PER LATEST EDITION OF APWA AND AWWA STANDARDS.
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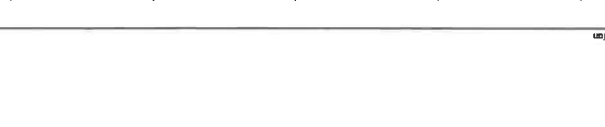
UNDERGROUND SERVICE

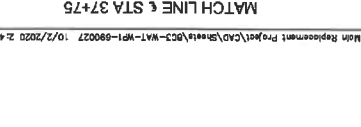
ATTENTION IS DIRECTED TO THE FACT THAT THE LOCATION IS DIFFERENT FROM WHAT THE CONTRACTOR SHALL TAKE STEPS TO VERIFY THE LOCATION OF THE CONDUIT BEFORE DECAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING UNDERGROUND UTILITY

ENGINEERS
Vintonburg Park 69000

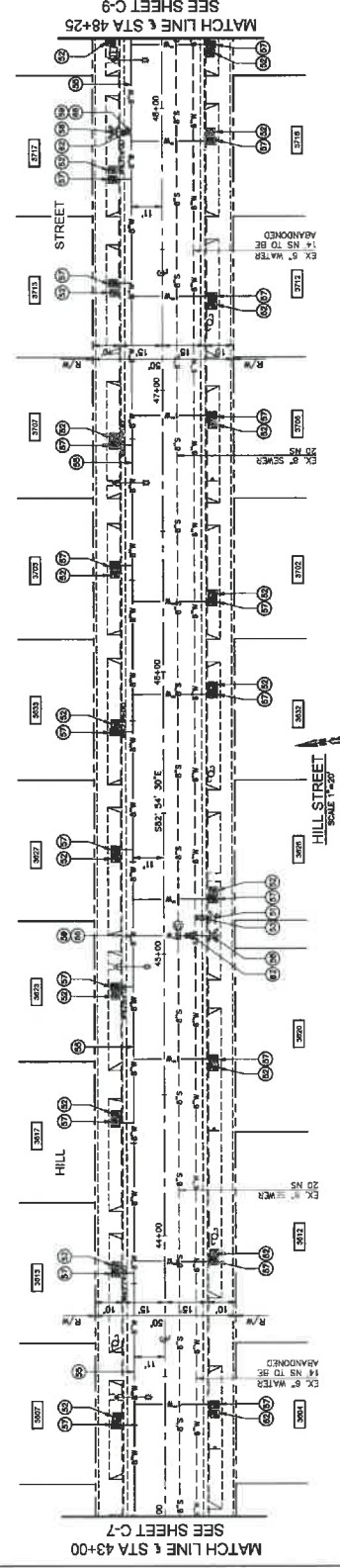
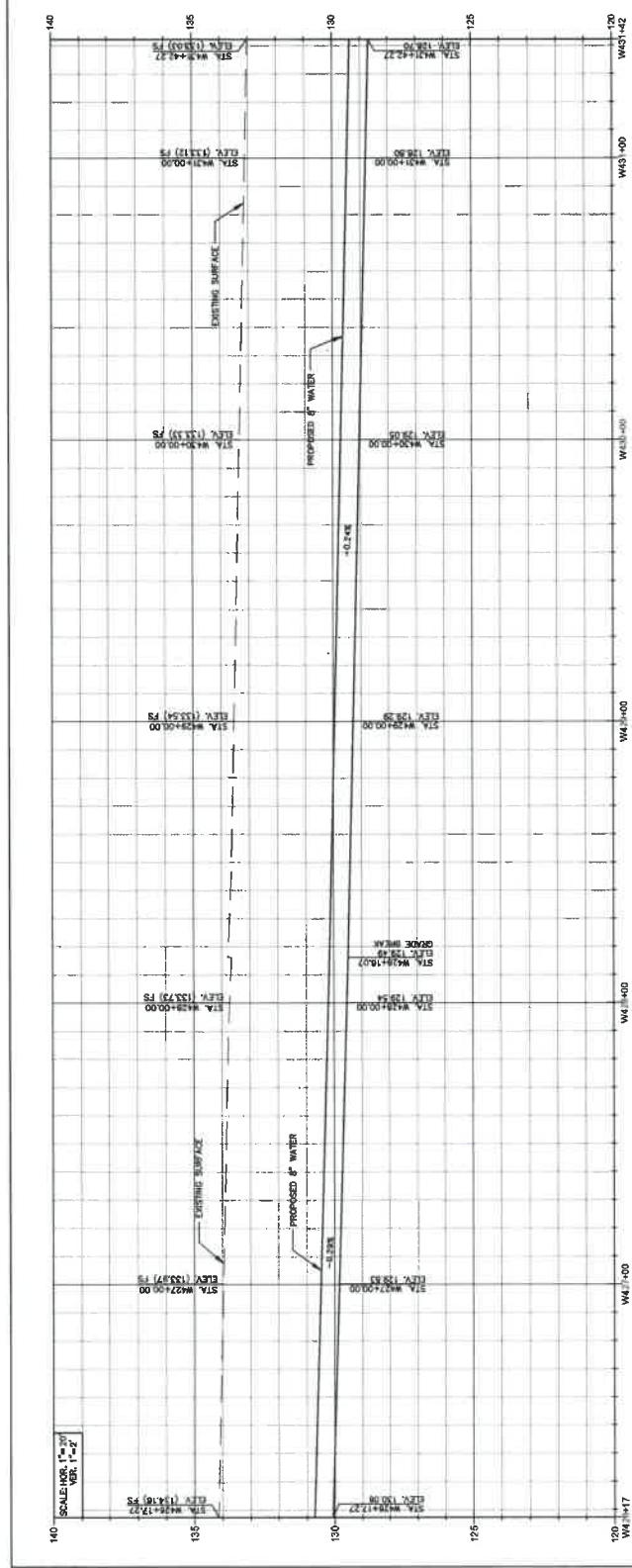
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NO.	REVISIONS	APPROVED BY	DATE




WATER GENERAL CONSTRUCTION NOTES:

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WATER CONSTRUCTION NOTES:

- [illegible]

CITY OF HUNTINGTON PARK PUBLIC WORKS AND ENGINEERING DEPARTMENT	APPROVED BY: _____  THOMAS M. McELROY - CITY COUNCILOR	9/16/2020 DATE
	WATER MAIN REPLACEMENT PROJECT FY 2021	
WATER IMPROVEMENT PLAN AND PROFILE HILL STREET FROM STA. 48+00 TO STA. 48+26		
SHEET 6 OF 30 SHEETS	DATE NO. C-8	4800 27

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UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

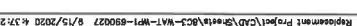
ATTENTION IS DIRECTED TO THE POSSIBLE OBSTACLE OF UNDERGROUND FACILITIES NOT SHOWN ON A LOCATION DRAWING FROM WHAT IS SHOWN ON THE PLANS OR IN THE LOCAL PROFESSIONAL REQUIREMENTS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UNDERGROUND UTILITIES SERVICE ALERT AT 1 (800) 492-4133.

1. PROVIDE ACCESS AT ALL TIME AND PROTECT-IN-PLACE EXISTING UTILITIES.

- WATER CONSTRUCTION NOTES:**
- ① REPAIR EXISTING MANHOLE AND AMMOUN PER LATEST EDITION OF APWA AND AWWA STANDARDS.
 - ② REMOVE EXISTING WATER MAIN WITH 18" DIA. AND BACKFILL & COMPACT. CONDUIT SHALL BE 18" DIA. CONSTRUCTION SHALL RESTORE EXISTING GRADE.
 - ③ REMOVE EXISTING 18" DIA. AND OTHER MANHOLE WITH 3'-DIA. SURVEY POINT. CONDUIT SHALL BE 18" DIA. CONSTRUCTION SHALL RESTORE EXISTING GRADE.
 - ④ CUT AND TIE WATER EXISTING WATER LINE AND AMMOUN IN PLACE FOR EXISTING ST. PLAN 3+22.
 - ⑤ CUT AND TIE WATER EXISTING WATER LINE AND AMMOUN IN PLACE FOR EXISTING ST. PLAN 3+22.
 - ⑥ FINISH AND INSTALL OF 12" DIA. C-400 WATER MAIN, 47' MINIMUM COVER PER LINDO ST. PLAN 3+44.
 - ⑦ FINISH AND INSTALL OF 12" DIA. C-400 WATER MAIN, 47' MINIMUM COVER PER LINDO ST. PLAN 3+44.
 - ⑧ FINISH AND INSTALL 1" NEW WATER SERVICE FOR LINDO ST. PLAN 3+44. CONDUIT SHALL BE 1" DIA. CONSTRUCTION SHALL RESTORE EXISTING GRADE. MATERIAL, LABOR AND OTHER IMPROVEMENTS AS REQUIRED.
 - ⑨ FINISH AND INSTALL FIRE HYDRANT ASSEMBLY FOR LINDO ST. PLAN 3+44.
 - ⑩ FINISH AND INSTALL 6" DIA. 7' TIE.
 - ⑪ FINISH AND INSTALL 6" DIA. 7' TIE.
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SERVICE ALERT OF SOL



**INFRASTRUCTURE
ENGINEERS**

10000 Chalmers Blvd. Suite 1850
Dallas, TX 75243
Tel.: 972.646.3300
Fax: 972.646.3766
www.infrastructure-engineers.com

Y. O. GUTIERREZ

REVIEWED BY	APPROVED

NO.			
NO.			

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SERVICE ALERT OF SOL



YUSUF M. RANA, P.E. - CITY ENGINEER

DATE 09/15/2009

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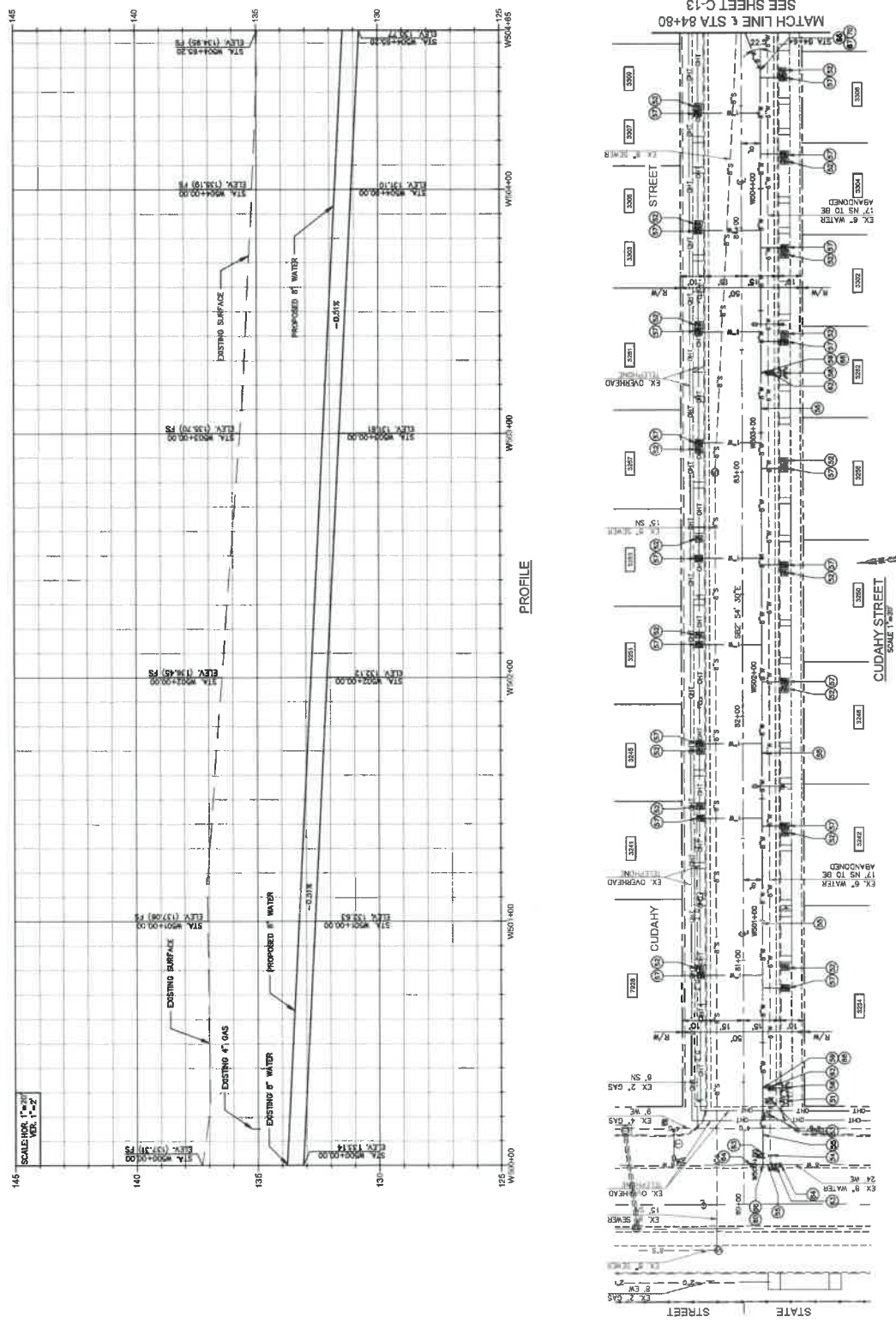


CITY OF HUNTINGTON PARK

YURUBAL RAMIREZ, CITY ENGINEER

WATER IMPROVEMENT PLAN AND PROFILE
FOR

SHEET 12 OF 30 SHEETS	DWG. NO. C-12
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BEFORE STARTING WORK, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES BY CONTACTING UNDERGROUND SERVICE ALERT BY CALLING 811. AT LEAST 48 HOURS IN ADVANCE.

1. THE CONTRACTOR SHALL VERIFY THE CITY DISKERS AT LEAST 48 HOURS PRIOR TO START OF FILL REMOVAL.
 2. ALL BURRED PIPE SHALL HAVE A MINIMUM COVER, UNLESS OTHERWISE SPECIFIED ON PLANS, OF 18" OF EXISTING WATER MAIN, INCLUDING ALL EXISTING APPURTENANCES AND FITTINGS.
 3. ALL SLOTTED OR EXISTING MAIN TO BE REMOVED SHALL BE FULLED TO PREVENT FLOODING AND SHALL BE FULLY COVERED TO PREVENT FUTURE COLLAPSE OF MAIN AND GROUND SETTLEMENTS.
 4. MAIN 10" PIPE WITH 8" ILL. POLYETHYLENE TO PROTECT THE PIPE, EXISTING JOINTS AND FITTINGS SHALL BE USED ALONG EXISTE.
 5. CONSTRUCTION JOINTS AND FITTINGS SHALL BE USED ALONG EXISTE.
 6. WATER AND SEWER SEPARATION REQUIREMENT OF 10 FEET MINIMUM.
 7. PROTECT PIPE SIZES WITHIN THE PROJECT AREA THROUGHOUT ENTIRE PROJECT CONSTRUCTION.
 8. ALL CUT FOR WATER MAIN SHALL BE REPLACED WITH FULL PANEL RESTORATION.
- WATER CONSTRUCTION NOTES:**
1. REMOVE EXISTING UTILITY ASSEMBLY AND JUNCTION FOR LATEST EDITION OF APWA AND AWWA STANDARDS.
 2. REMOVE EXISTING WATER MAIN & WATER BOX AND BAWWELL & COMPACT, CONCRETE, MANHOLE, AND MANHOLE COVER. ALL SHALL RESTORE TO ORIGINAL FINISH, SLOPE, AND GRADE. ALL SHALL BE REINFORCED WITH 2" S-30C SLURRY TO SUBGRADE. REPAIR EXISTING FINISHED SURFACE IN PLACE.
 3. SET MAIN 10" EXISTING WATER MAIN AND JUNCTION IN HOLE.
 4. REMOVE AND INSTALL 4" P-40 WATER MAIN, 42" MANHOLE COVER PER LIND STG. PLAN #10.
 5. REMOVE AND INSTALL 4" P-40 & 40" WATER MAIN, 42" MANHOLE COVER PER LIND STG. PLAN #10.
 6. FURNISH AND INSTALL 10" P-40 WATER SERVICE FOR LIND STG. #1.
 7. FURNISH AND INSTALL 10" WATER MAIN TO BE CONNECTED TO LIND STG. #1. CONNECT SERVICE TO WATER MAIN. THE CONTRACTOR SHALL RESTORE TO ORIGINAL FINISH, SLOPE, AND GRADE. ALL SHALL BE REINFORCED WITH 2" S-30C SLURRY TO SUBGRADE. REPAIR EXISTING FINISHED SURFACE IN PLACE.
 8. FURNISH AND INSTALL THE HYDRANT ASSEMBLY PER LIND STG. PLAN #10.
 9. FURNISH AND INSTALL 4" P-40 "T" EL.
 10. FURNISH AND INSTALL 4" P-40 "T" EL.
 11. FURNISH AND INSTALL 4" P-40 "T" EL.
 12. FURNISH AND INSTALL NEW 8" O.D. RESILIENT-WEDGE GATE VALVE (E.G. CLOW OR KENNEDY WITH RESILIENT SEAL) PER LIND STG. PLAN #10.
 13. FURNISH AND INSTALL NEW 8" O.D. RESILIENT-WEDGE GATE VALVE (E.G. CLOW OR KENNEDY WITH RESILIENT SEAL) PER LIND STG. PLAN #10.
 14. FURNISH AND INSTALL NEW 8" O.D. RESILIENT-WEDGE GATE VALVE (E.G. CLOW OR KENNEDY WITH RESILIENT SEAL) PER LIND STG. PLAN #10.
 15. CONSTRUCT 10" RISE MAIN TRANSITION COMPENSING WITH STAINLESS STEEL HARDWARE AND EPOXY GROUTING APPROVED BY THE CITY.
 16. CONSTRUCT 10" RISE MAIN TRANSITION COMPENSING WITH STAINLESS STEEL HARDWARE AND EPOXY GROUTING APPROVED BY THE CITY.
 17. CONSTRUCT TIGHT BLOCK PER LIND STG. PLAN #10.
 18. CONSTRUCT TIGHT BLOCK PER LIND STG. PLAN #10.
 19. FURNISH AND INSTALL 4" P-40 "T" EL. ON STREET C-1, LIND STG. PLAN #10.
 20. FURNISH AND INSTALL 4" P-40 "T" EL.
 21. FURNISH AND INSTALL NEW 8" O.D. RESILIENT-WEDGE GATE VALVE (E.G. CLOW OR KENNEDY WITH RESILIENT SEAL) PER LIND STG. PLAN #10.
 22. FURNISH AND INSTALL 2.5" RISE.
 23. FURNISH AND INSTALL 2" RISE WATER SERVICE FOR LIND STG. #1.
 24. REMOVE AND INSTALL 4" P-40 WATER MAIN TO BE CONNECTED TO LIND STG. #1. CONNECT SERVICE TO WATER MAIN. THE CONTRACTOR SHALL RESTORE TO ORIGINAL FINISH, SLOPE, AND GRADE. ALL SHALL BE REINFORCED WITH 2" S-30C SLURRY TO SUBGRADE. REPAIR EXISTING FINISHED SURFACE IN PLACE.
 25. FURNISH AND INSTALL 4" P-40 "T" EL.
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FULL PANEL RESTORATIONS:

WATER CONSTRUCTION NOTES:

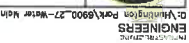
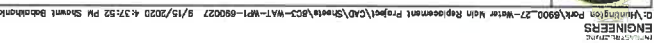
- 7 REMOVE EXISTING UTILITY ASSEMBLY AND HANGERS PER LATEST EDITION OF APWA AND AIAA STANDARDS.
- 8 REMOVE EXISTING MAIN CUMULATIVE WATER METER WITH 6" WATERTIGHT CONCRETE BASE, PROVIDE NEW 6" WATER SERVICE FROM MAIN TO METER PLACED ON CONCRETE MANHOLE LANGUAGE, ETC. AS REQUIRED.
- 9 REMOVE EXISTING MAIN CUMULATIVE WATER METER WITH 6" WATERTIGHT CONCRETE BASE, PROVIDE NEW 6" WATER SERVICE FROM MAIN TO METER PLACED ON CONCRETE MANHOLE LANGUAGE, ETC. AS REQUIRED.
- 10 REMOVE EXISTING MAIN CUMULATIVE WATER METER WITH 6" WATERTIGHT CONCRETE BASE, PROVIDE NEW 6" WATER SERVICE FROM MAIN TO METER PLACED ON CONCRETE MANHOLE LANGUAGE, ETC. AS REQUIRED.
- 11 CUT AND LAID EXISTING WATER LINE AND HANGERS IN 14-DEG PERI LAND STD. PLAN W-22.
- 12 FURNISH AND INSTALL #1 PVC - 60' WATER MAIN, 42" MINIMUM COVER PER LAND STD. PLAN W-22.
- 13 FURNISH AND INSTALL #1 PVC - 60' WATER MAIN, 42" MINIMUM COVER PER LAND STD. PLAN W-22.
- 14 FURNISH AND INSTALL #1 NEW WATER SERVICE PER LAND STD. W-5.
- 15 FURNISH AND INSTALL NEW 6" WATER SERVICE PROVIDED BY THE CITY AND APPROVED BY THE ENGINEER, PROVIDE NEW 6" WATER SERVICE TO THE HOUSE, CONCRETE MANHOLE, LANGUAGE, AND OTHER IMPROVEMENTS AS REQUIRED.
- 16 FURNISH AND RETAIL THE HYDRANT ASSEMBLY PER LAND STD. PLAN W-5.
- 17 FURNISH AND INSTALL 6"X6"X8" TIE.
- 18 FURNISH AND INSTALL 6"X6"X8" TIE.
- 19 FURNISH AND INSTALL 6"X6"X8" CROSS.
- 20 FINISH AND INSTALL NEW #1 ALL RESIDENT-WIDE GATE VALVE (E.G., CLOW OR EQUIVALENT) WITH RESIDENT SILE PER LAND STD. PLAN W-15.
- 21 FINISH AND INSTALL NEW #1 ALL RESIDENT-WIDE GATE VALVE (E.G., CLOW OR EQUIVALENT) WITH RESIDENT SILE PER LAND STD. PLAN W-15.
- 22 FINISH AND INSTALL NEW #1 ALL RESIDENT-WIDE GATE VALVE (E.G., CLOW OR EQUIVALENT) WITH RESIDENT SILE PER LAND STD. PLAN W-15.
- 23 CONSTRUCT 1" UP SIDE BRASS "WATERSTOP" COUPLERS WITH STAINLESS STEEL HARDWARE AND EPXY GROUT APPROVED BY THE CITY.
- 24 CONSTRUCT 1" UP SIDE BRASS "WATERSTOP" COUPLERS WITH STAINLESS STEEL HARDWARE AND EPXY GROUT APPROVED BY THE CITY.
- 25 CONSTRUCT THINNET BOLD PER DETAIL 13 ON SHEET C-51, LAND STD. PLAN W-22.
- 26 FINISH PIPE WITH REBEL PER DETAIL 13 ON SHEET C-51, LAND STD. PLAN W-22.
- 27 FINISH AND INSTALL UTILITY-WIDE CROSS.
- 28 FINISH AND INSTALL UTILITY-WIDE CROSS.
- 29 FINISH AND INSTALL 22" RIBBON.
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1. PROVIDE ACCESS AT ALL TIME AND PROTECT-IN-PLACE EXISTING UTILITIES.

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⑥1 REMOVE EXISTING HYDRANT ASSEMBLY AND ABANDON PER LATEST EDITION OF ASPWA AND AWWA STANDARD.

- [illegible]





**INFRASTRUTTURE
ENGINEERS**

Via Dante, 10 - 00186 Roma
Tel. 06 6663329
Fax 06 6663330
www.infrastrutture-engineers.com

DESIGNED BY: G. BUTTERREZZ

DRAWN BY: G. PERIZ

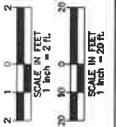
CHECKED BY: M. SEVIAN

DATE: 09/10/2010



UNDER THE SUPERVISION OF

NO.	REVISIONS	REVIEWED BY	APPROVED BY	DATE



UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

ATTENTION IS DIRECTED TO THE POSSIBLE EXISTENCE OF UNDERGROUND FACILITIES NOT SHOWN ON A LOCATION DIFFERENT FROM WHAT IS SHOWN ON THE PLANS OR IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO START OF WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICES. BEFORE EXCAVATION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UNDERGROUND UTILITIES SERVICE ALERT AT 1 (800) 422-4133.





UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

ATTENTION IS DIRECTED TO THE POSSIBLE EXISTENCE OF UNDERGROUND FACILITIES NOT SHOWN ON A LOCATION DIFFERENT FROM THAT WHICH IS SHOWN ON THE PLANS OR IN THE SPECIAL PROVISIONS. THE CONTRACTOR SHALL TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO START OF THE WORK. ANY DAMAGE TO ANY FACILITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE USER OF UNDERGROUND UTILITIES BY CONDUCTING UNNECESSARY UTILITIES SERVICE ALERT AT 1-800-427-4133.

 <p>INFRASTRUCTURE ENGINEERS 7401 - Main Street, Suite 300 Burlington, VT 05403 Tel: 802-254-0000 Fax: 802-254-0000 www.infrastructure-engineers.com</p>	DESIGNED BY: G. GUTIERREZ
	DRAWN BY: B. PEREZ
	CHECKED BY: N. SERVIN
	DATE: 09/15/20

NO.	REVISIONS	REVIEWED BY	APPROVED BY	DATE



SHEET 14 OF 30 SHEETS	DWG. NO. C-14
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CITY OF HUNTINGTON PARK
PUBLIC WORKS AND ENGINEERING DEPARTMENT
APPROVED BY: *Theresa...* 01/12/2008
CITY ENGINEER

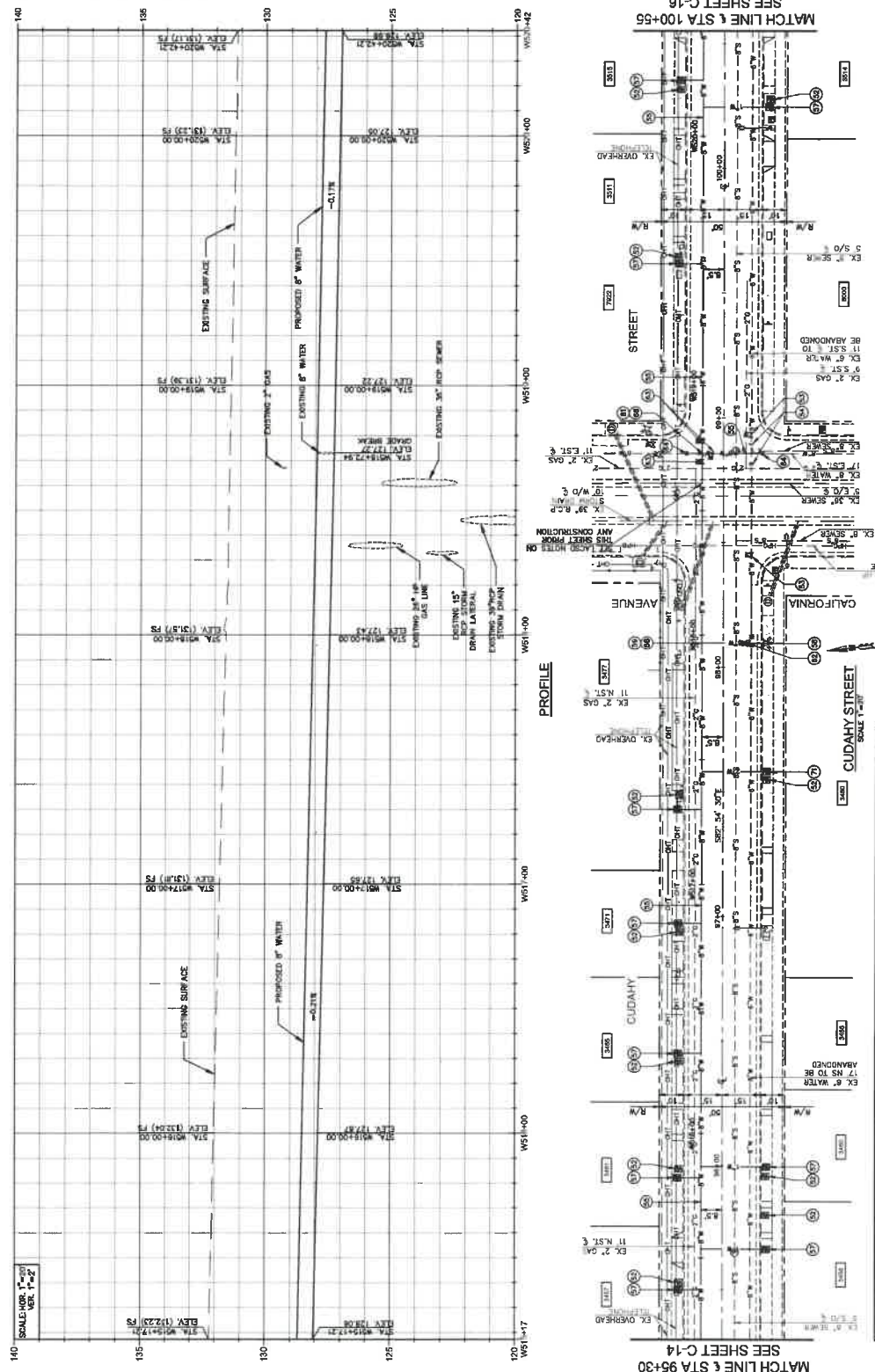
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WATER GENERAL CONSTRUCTION NOTES:

1. BEFORE STARTING WORK, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BY CALLING THE UTILITY LOCATOR BY CALLING 811. AT LEAST 48 HOURS IN ADVANCE OF THE PROJECT START DATE, THE CONTRACTOR SHALL SUBMIT A REQUEST TO START OF WORK TO THE CITY ENGINEER AT LEAST 48 HOURS BEFORE STARTING WORK.
2. ALL WORKED JOINT SHALL HAVE 4" OF HOT WATERSHED WAXES THEREAFTER COVERED ON PLANKS.
3. REMOVE EXISTING PORTIONS OF EXISTING WATER MAIN, INCLUDING ALL EXISTING APPURTENANCES AND FITTINGS.
4. ALL SECTIONS OF EXISTING MAIN TO BE REMOVED SHALL BE FILLED IN WITH GRAVEL TO PREVENT FLOODING AND TO PREVENT FURTHER USE AND ORLAND SEVERANCE.
5. MAIN OF 4" PIPE WITH 8-MILL VALVE/STRAINER TO PROTECT THE PIPE FROM EXCESSIVE PRESSURE.
6. EXISTING JOINTS AND FITTINGS SHALL BE USED ALONG EXISTING EXISTING MAIN.
7. WATER AND SAND SEPARATION REQUIREMENT OF 10 FEET MINIMUM.
8. PROTECT PIPE FLOW WITH THE PROJECT AREA THROUGHOUT EXISTING PROJECT CONSTRUCTION.
9. EXISTING MAIN SHALL BE REPLACED WITH 8" DUCTILE IRON PIPE.

WATER CONSTRUCTION NOTES:

- 9 REMOVE EXISTING PAVING ASSEMBLY AND RANDON PER LATEST EDITION OF ASPEN AND WIND STANDARDS.
- 10 REMOVE EXISTING WATERS MAIN WITH R/W AND BACKFILL WITH COMPACTED GRANULAR FILL. LANDSCAPE WITH 2" MULCH.
- 11 REMOVE EXISTING WATER MAIN AND COVER BACKFILL WITH 3" BACK SUBSTRY TO SUBGRADE. REPAIR EXISTING FINISHED SURFACE IN W/O.
- 12 CUT AND PAVE EXISTING WATER LINE AND ASHPOUR IN PLACE PER LANDSCAPE STANDARDS.
- 13 REMOVE EXISTING 4" C-100 WATER MAIN, 4" MINIMUM COVER.
- 14 FURNISH AND INSTALL 12" C-400 WATER MAIN, 4" MINIMUM COVER PER LANDSCAPE STANDARDS.
- 15 FURNISH AND INSTALL 12" NEW WATER SERVICE PER W-5. MINIMUM COVER 4" PER LANDSCAPE STANDARDS.
- 16 FURNISH AND INSTALL 12" NEW WATER SERVICE PER W-5. MINIMUM COVER 4" PER LANDSCAPE STANDARDS.
- 17 FURNISH AND INSTALL 12" NEW WATER MAIN. CONDUIT SHALL BE 12" MINIMUM COVER. LANDSCAPE AND OTHER REQUIREMENTS SHALL BE AS REQUIRED.
- 18 FURNISH AND INSTALL THE TYPICAL ASSEMBLY PER LANDSCAPE STANDARDS PER W-1.
- 19 FURNISH AND INSTALL FLOWMETER "E".
- 20 FURNISH AND INSTALL FLOWMETER "E".

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UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

ATTENTION IS DIRECTED TO THE POSSIBLE EXISTENCE OF UNDERGROUND FACILITIES NOT SHOWN ON A CONTRACTOR'S PLANS. THE CONTRACTOR SHALL TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL FACILITIES PRIOR TO START OF WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICES. BEFORE EXCAVATION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UNDERGROUND UTILITIES SERVICE ALERT AT 1 (800) 422-4133.

- SC GAS NO TES: CONTRACTOR MUST CONTACT SOUTHERN CALIFORNIA GAS COMPANY - DISTRICT FIELD OPERATIONS SUPERVISOR GARY GARCIA AT (562) 205-4844 TWO WEEKS PRIOR TO ANY CONSTRUCTION NEAR HIGH PRESSURE GAS LINE.
- MINIMUM VERTICAL CLEARANCE REQUIRED BY SC GAS COMPANY IS 10' FROM TOP OF DOME.

NO.	REVISIONS	PROVEN BY	APPROVED BY	DATE

**INFRASTRUCTURE
ENGINEERS**
340 S. 48th Street, Suite 100
Bloomington, IL 61820
Tel: 312.344.1000
Fax: 312.344.1000
www.infrastructure-engineers.com

DESIGNED BY: O. GUTIERREZ
DRAWN BY: E. PEREZ

CITY OF HUNTINGTON PARK
PUBLIC WORKS AND ENGINEERING DEPARTMENT

APPROVED BY: _____ DATE: 04/15/2020

YUNUS M. HANISSE, - CITY ENGINEER

WATER MAIN REPLACEMENT PROJECT
FY 20-21

WATER IMPROVEMENT PLAN AND PROFILE
FOR
CINDALY STREET FROM ST. 25+00 TO ST. 400+00

COUNTY STREET FROM STA 90+00 TO STA 100+00	DWG. NO.	C-15
SHEET 15 OF 30 SHEETS		

WATER GENERAL CONSTRUCTION NOTES:

1. PROVIDE ACCESS AT ALL TIME AND PROJECT-BY-PLACE EXISTING UTILITIES.
2. BEFORE STARTING WORK, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES AND RECORD THEM ON THE RECORD DRAWING. A SERVICE ALERT BY CALLING 811, AT LEAST 48 HOURS IN ADVANCE.
3. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AT LEAST 48 HOURS PRIOR TO START OF FIELD REMOVALS.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY ENGINEER'S REQUIREMENTS AND SPECIFICATIONS.
5. REMOVE INTERFERING PORTIONS OF EXISTING WATER MAIN, INCLUDING ALL EXISTING APPURTENANCES AND FITTINGS.
6. ALL REMAINTS OF EXISTING MAIN TO BE REMOVED SHALL BE FALLOUT TO THE CONTRACTOR'S RESPONSIBILITY TO PREVENT FUTURE COLLAPSE OF LINE AND GROUND SUBSIDIANCE.
7. WRAP 1/2" PPK WITH 8-MILL POLYETHYLENE TO PROTECT THE PIPE.
8. RESTRAINED JOINTS AND FITTINGS SHALL BE USED ALONG ENTIRE CONSTRUCTION.
9. WATER AND SEWER SEPARATION REQUIREMENT OF 10 FEET MINIMUM.
10. PROTECT PIPE FLOW WITHIN THE PROJECT AREA THROUGHOUT ENTIRE CONSTRUCTION.
11. ALL CONCRETE PANELS CUT FOR WATER MAIN SHALL BE REPLACED WITH FULL PANEL RESTRAINTS.

WATER CONSTRUCTION NOTES:

1. REMOVE EXISTING HYDRANT ASSEMBLY AND ABANDON PER LATEST EDITION OF AWWA AND AWWA STANDARDS.

2. REMOVE EXISTING WATER METER & WATER BOX AND BACKFILL & COMPACT. CONCRETE BACKFILL SHALL BE 15% CRUSHED GRANULAR MATERIAL.

3. REMOVE EXISTING VALVE CHAM AND COVER, BACKFILL WITH 2-SACK SLURRY TO REMOVED EXISTING FINISHED SURFACE IN FINAL.

4. REMOVE EXISTING WATER LINE AND ABANDON IN PLACE PER LATEST EDITION OF AWWA AND AWWA STANDARDS.

5. FURNISH AND INSTALL 12" PPK C-100 WATER MAIN, 42" MINIMUM COVER PER LATEST EDITION OF AWWA AND AWWA STANDARDS.

6. FURNISH AND INSTALL 12" PPK C-100 WATER MAIN, 42" MINIMUM COVER PER LATEST EDITION OF AWWA AND AWWA STANDARDS.

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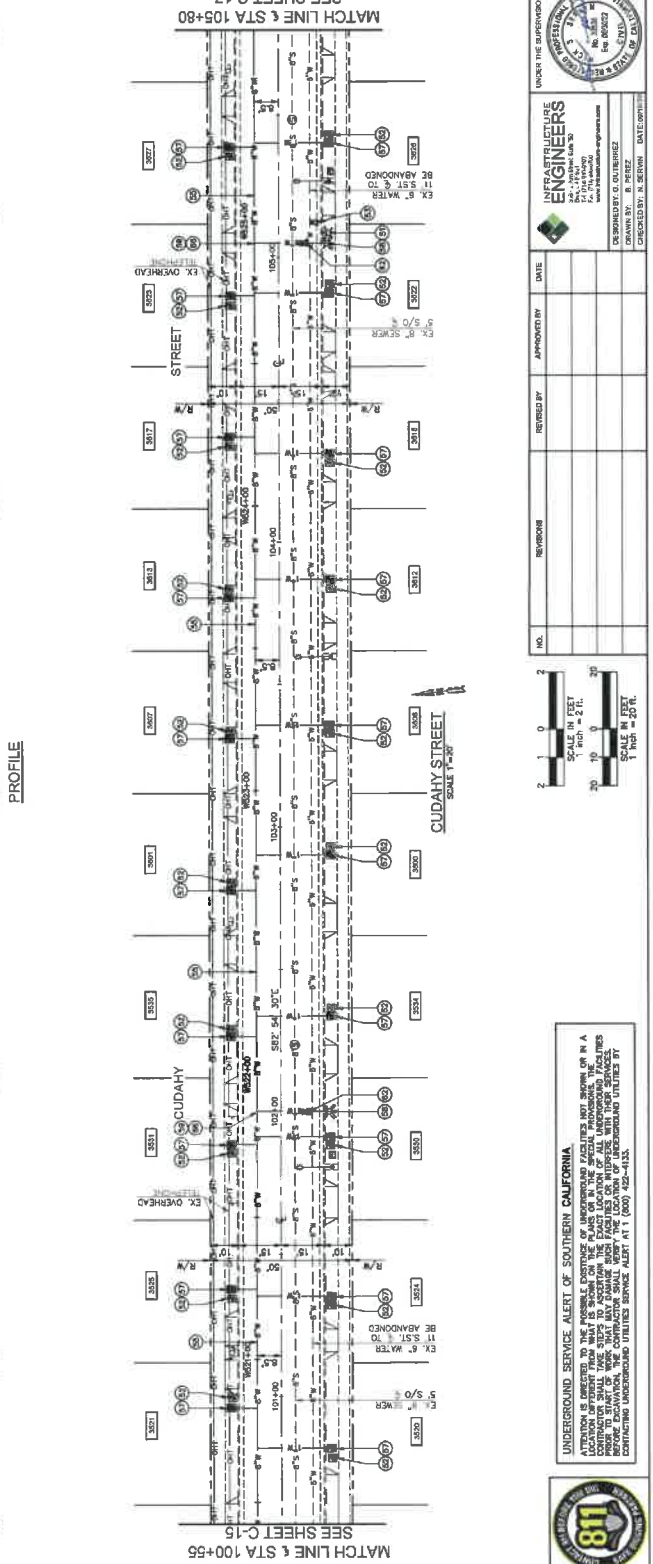
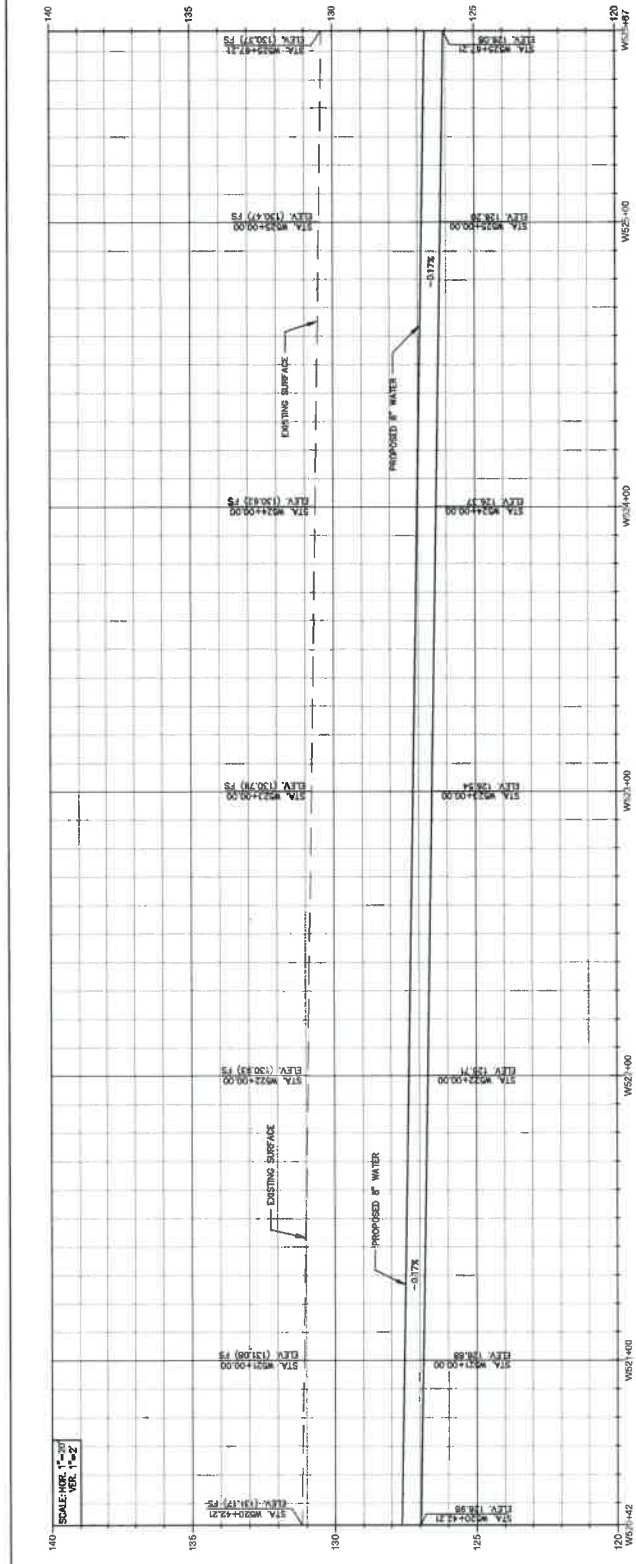
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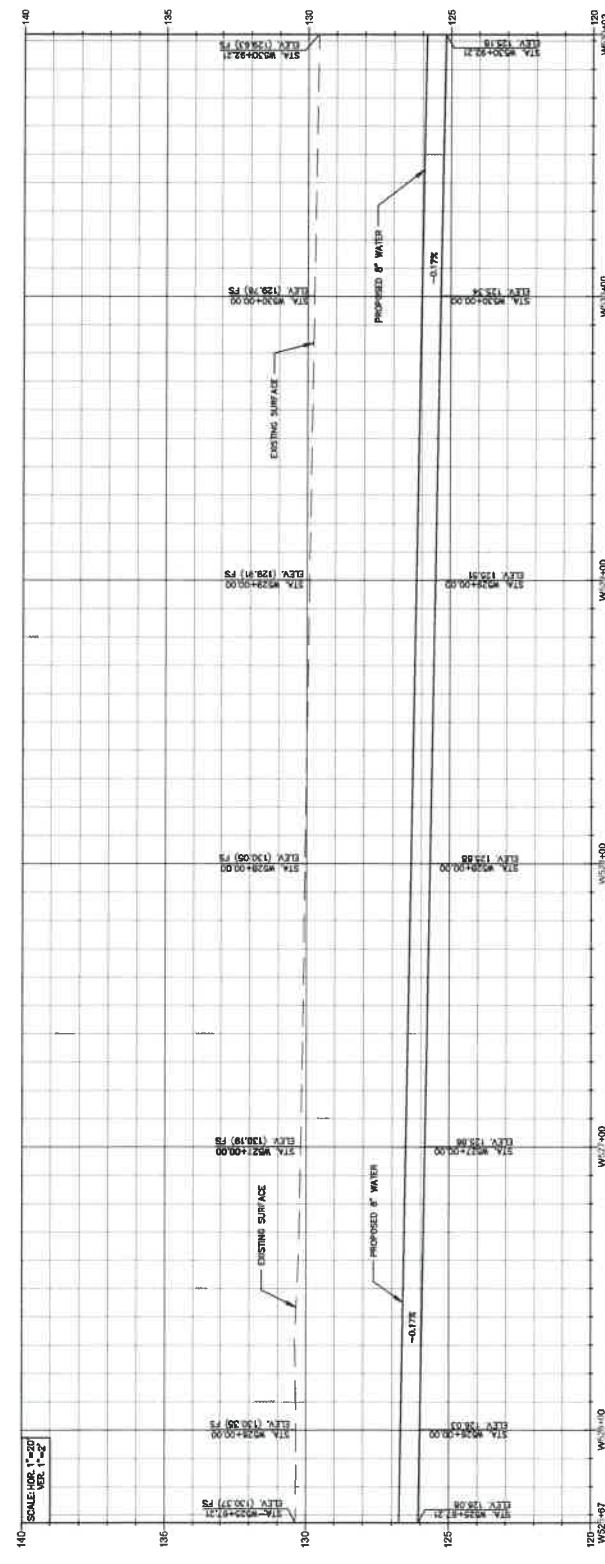


WATER GENERAL CONSTRICTION NOTES:

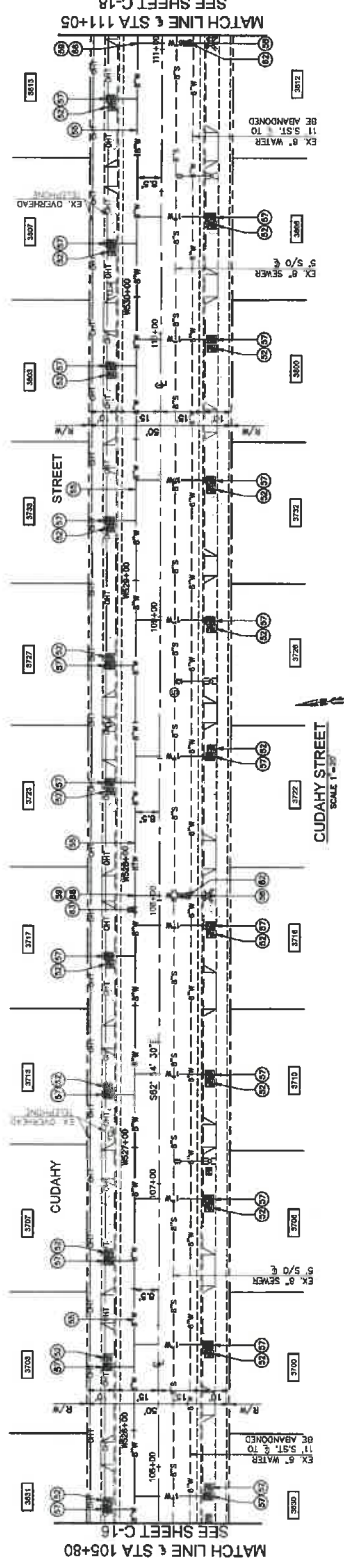
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WATER CONSTRUCTION NOTES:

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PROFILE



CITY OF HUNTINGTON PARK
PUBLIC WORKS AND ENGINEERING DEPARTMENT
APPROVED BY:

YUNUS M. RAUF (P.E.) • CITY ENGINEER

WATER MAIN REPLACEMENT PROJECT
CY 2024

WATER IMPROVEMENT PLAN AND PROFILE

FOR
CUDAHY STREET FROM STA 105+80 TO STA 111+05

SHEET 17 OF 30 SHEETS	DWG. NO. C-17
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8/300 27



**INDEPENDENT
ENGINEERS**

UNDER THE SUPERVISION

ENGINEERS
5140 Auburn Blvd, Suite 204
Oak, CA 94621
1-818-940-1070
Fax: 714-940-1071

DESIGNED BY: G. GUTIERREZ

DRAWN BY: E. PEREZ
 CHECKED BY: H. SERVINO
 DATE: 09/16/70

NO.	REVISIONS	REVISED BY	APPROVED BY	QA
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SCALE IN FEET
1 inch = 2 ft.

SCALE IN FEET

↑ Inch = 20 ft.

INDEPENDENT HOUSE ALIAS OF SOUTHERN CALIFORNIA

UNDERGROUND SERVICE AGENCY OF SOUTHERN CALIFORNIA

CONTRACTOR SHALL TAKE STEPS TO ASCERTAIN THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO START OF WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICES. BEFORE EXCAVATION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UNDERGROUND UTILITIES SERVICE ALERT AT 1 (800) 422-6133.

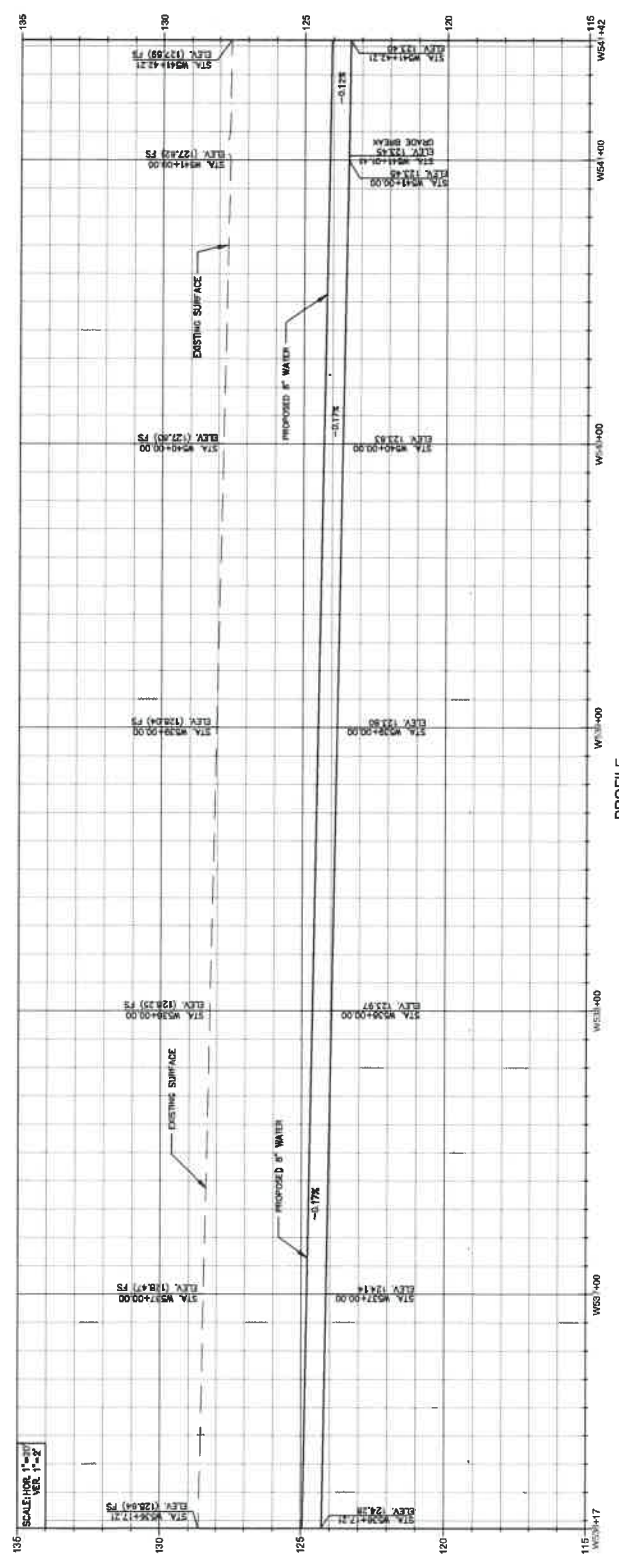


WATER GENERAL CONSTRUCTION NOTES:

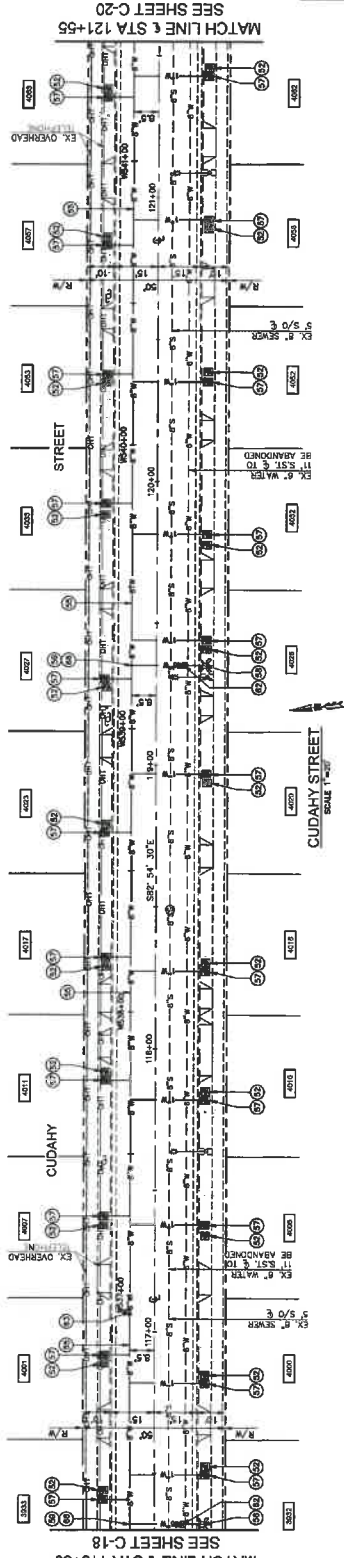
1. PROVIDE ACCESS AT ALL TIME AND PROTECT-IN-PLACE EXISTING UTILITIES.
2. BEFORE STARTING WORK, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES AND RECORD THEM IN THE FIELD. IF ANY UTILITIES ARE NOT SHOWN ON THE RECORD DRAWINGS, THE CONTRACTOR SHALL ADVISE THE CITY ENGINEER AT LEAST 48 HOURS IN ADVANCE BY CALLING 311. AT LEAST 48 HOURS IN ADVANCE, THE CONTRACTOR SHALL ADVISE THE CITY ENGINEER AT LEAST 48 HOURS IN ADVANCE BY CALLING 311.
3. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AT LEAST 48 HOURS PRIOR TO START OF FIELD REMOVALS.
4. ALL BORED PILES SHALL HAVE A MINIMUM COVER, UNLESS OTHERWISE SPECIFIED ON PLANS.
5. REMOVE EXISTING WATER MAIN, INCLUDING ALL EXISTING APPURTENANCES AND FITTINGS.
6. ALL REMAINTS OF EXISTING MAIN TO BE ABANDONED SHALL BE FILLD WITH 3-SACK GROUT TO PREVENT FUTURE COLLAPSE OF THE MAIN AND TO PREVENT FLOODING.
7. WRAP DI PIPE WITH 8-MIL POLYETHYLENE TO PROTECT THE PIPE FROM DAMAGE DURING CONSTRUCTION.
8. RESTRAINED JOINTS AND FITTINGS SHALL BE USED ALONG ENTIRE CONSTRUCTION.
9. WATER AND SEWER SEPARATION REQUIREMENT OF 10 FEET MINIMUM.
10. PROTECT FIRE FLOW WITHIN THE PROJECT AREA THROUGHOUT ENTIRE CONSTRUCTION.
11. ALL COUPLER SHALL BE CUT FOR WATER MAIN SHALL BE REPLACED WITH FULL PANEL RESTRAINTS.

WATER CONSTRUCTION NOTES:

1. REMOVE EXISTING HYDRAULIC ASSEMBLY AND ABANDON PER LATEST EDITION OF AWWA AND AWWA STANDARDS.
2. REMOVE EXISTING WATER METER & WATER BOX AND BACKFLOW PREVENTER, CONCRETE BOXMAY, LANDSCAPE, ETC. AS REQUIRED.
3. REMOVE EXISTING VALVE CHAMBER AND COVER, BACKFILL WITH 3-SACK GROUT TO ABANDON. REPAIR EXISTING FINISHED SURFACE IN PLACE.
4. REMOVE EXISTING WATER LINE AND ABANDON IN PLACE PER LATEST EDITION OF AWWA AND AWWA STANDARDS.
5. TURNISH AND INSTALL 10" PVC C-400 WATER MAIN, 40' MINIMUM COVER PER LATEST STD. PLAN W-40.
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100. TURNISH AND INSTALL 10" PVC C-400 WATER SERVICE PER LATEST STD. PLAN W-40.



PROFILE



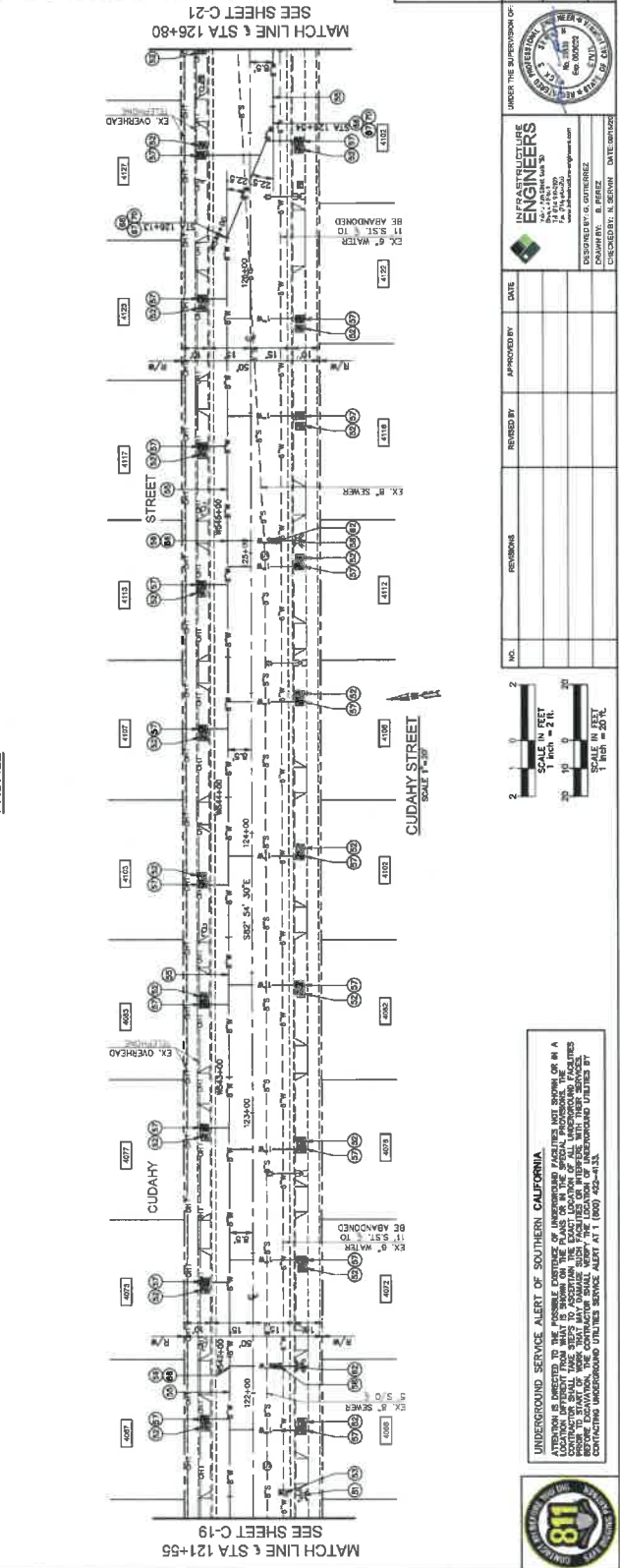
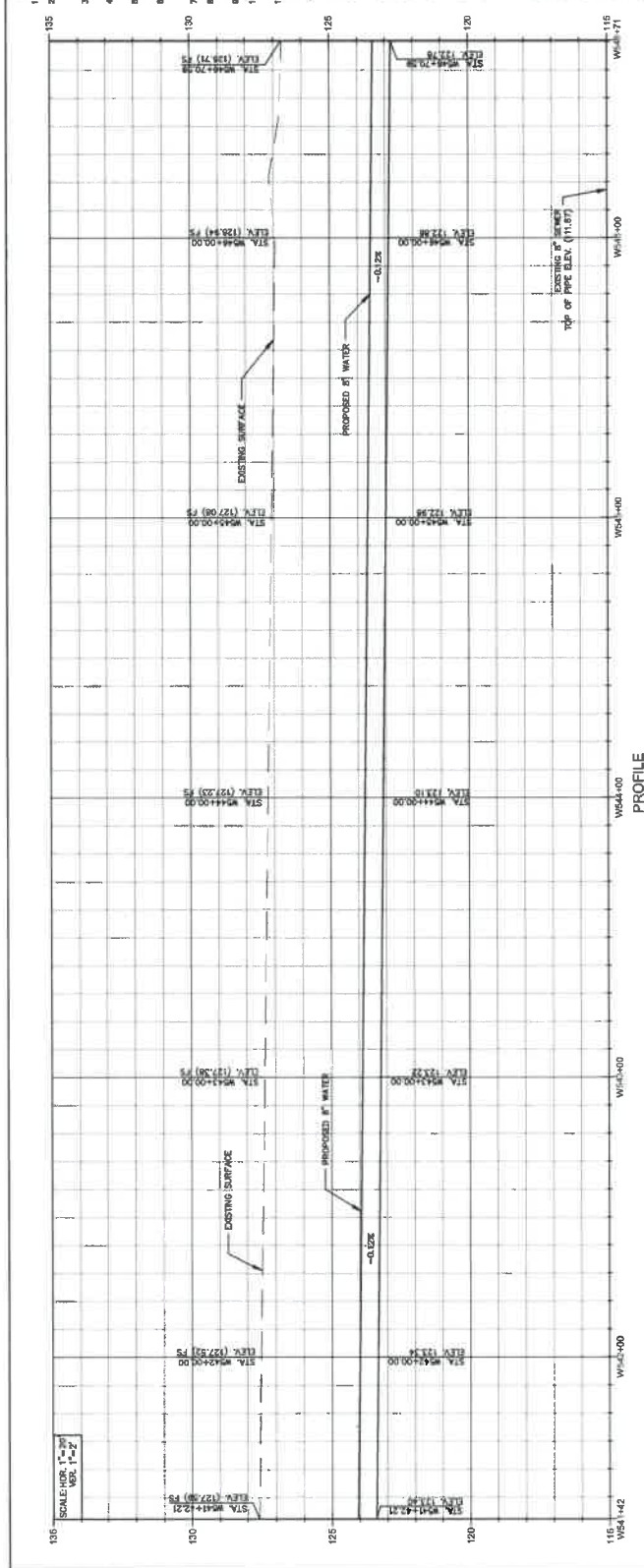
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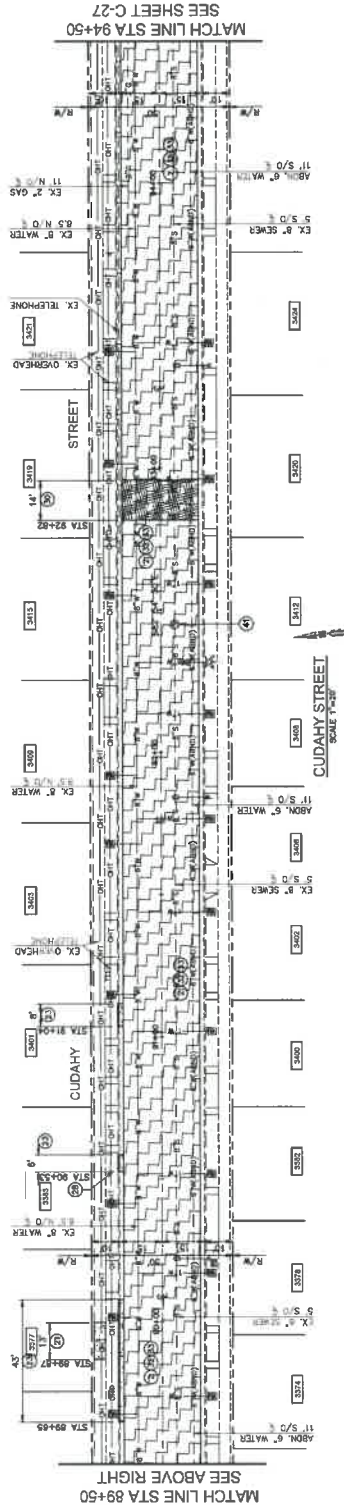
WATER GENERAL CONSTRUCTION NOTES:

1. PROVIDE ACCESS AT ALL TIME AND PROTECT-IN-PLACE EXISTING UTILITIES.
2. BEFORE STARTING WORK, THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES BY CALLING 811. AT LEAST 48 HOURS IN ADVANCE.
3. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER AT LEAST 48 HOURS PRIOR TO START OF FIELD REMOVALS.
4. EXISTING WATER MAINS SHALL BE REMOVED IN PLACE, UNLESS OTHERWISE NOTED ON THE PLAN.
5. REMOVE EXISTING PORTIONS OF EXISTING WATER MAIN, INCLUDING ALL EXISTING APPURTENANCES AND FITTINGS.
6. ALL REMOVED EXISTING MAIN TO BE ABANDONED SHALL BE FILLED WITH 12" D. PIPE WITH 8" WALL POLYETHYLENE TO PROTECT THE PIPE.
7. WRAP 12" D. PIPE WITH 8" WALL POLYETHYLENE TO PROTECT THE PIPE.
8. RESTRAINED JOINTS AND FITTINGS SHALL BE USED ALONG ENTIRE CONSTRUCTION.
9. WATER AND SEWER SEPARATION REQUIREMENT OF 10 FEET MINIMUM.
10. PROTECT PIPE FROM WITHIN THE PROJECT AREA THROUGHOUT ENTIRE CONSTRUCTION.
11. ALL CONCRETE PANELS CUT FOR WATER MAIN SHALL BE REPLACED WITH FULL PANEL RESTORATIONS.

WATER CONSTRUCTION NOTES:

1. REMOVE EXISTING HYDRANT ASSEMBLY AND ABANDON PER LATEST EDITION OF APWA AND IWA STANDARDS.
2. REMOVE EXISTING WATER METER & WATER BOX AND BACKFILL & COMPACT WITH 3" MAX. SIZED GRANULAR MATERIAL TO ORIGINAL FINISH GRADE.
3. REMOVE EXISTING VALVE CHAMBER, BACKFILL WITH 3" MAX. SIZED GRANULAR MATERIAL TO ORIGINAL FINISH GRADE.
4. REMOVE EXISTING WATER LINE AND ABANDON IN PLACE PER LACSD STD. PLAN W-1.
5. REMOVE EXISTING WATER LINE AND ABANDON IN PLACE PER LACSD STD. PLAN W-1.
6. FURNISH AND INSTALL 12" D. C-900 WATER MAIN, 42" MINIMUM COVER PER LACSD STD. PLAN W-1.
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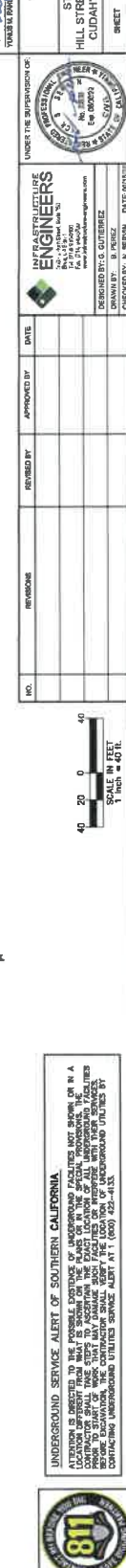
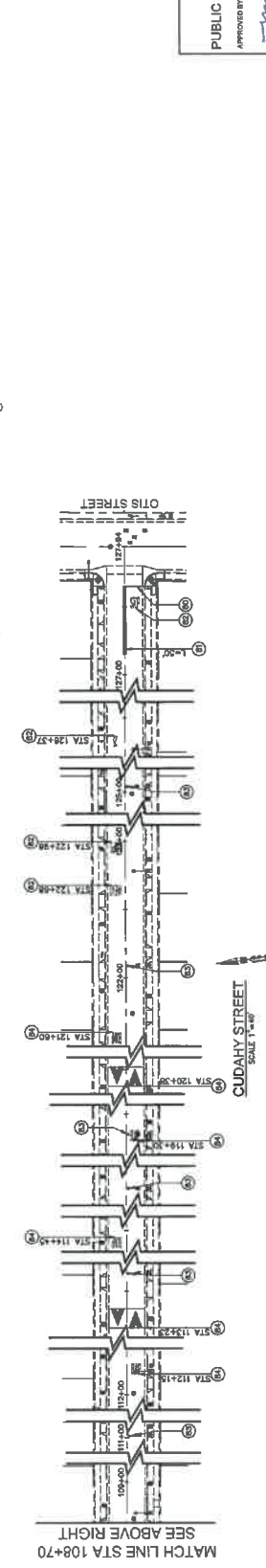
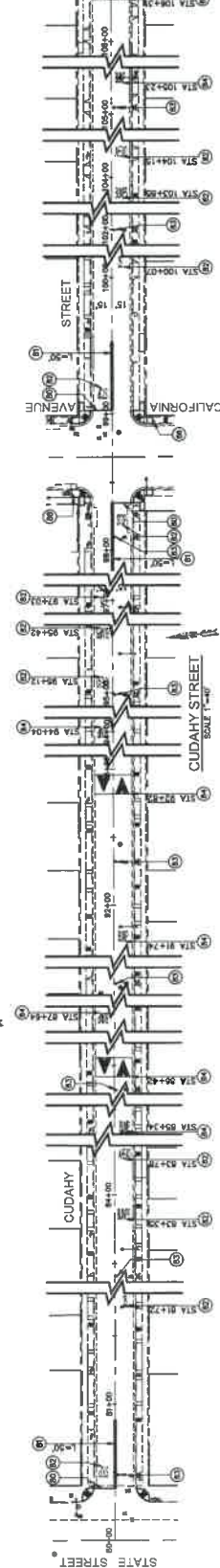
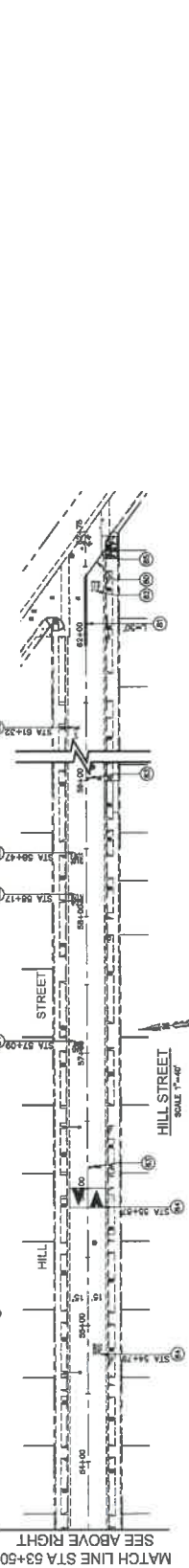
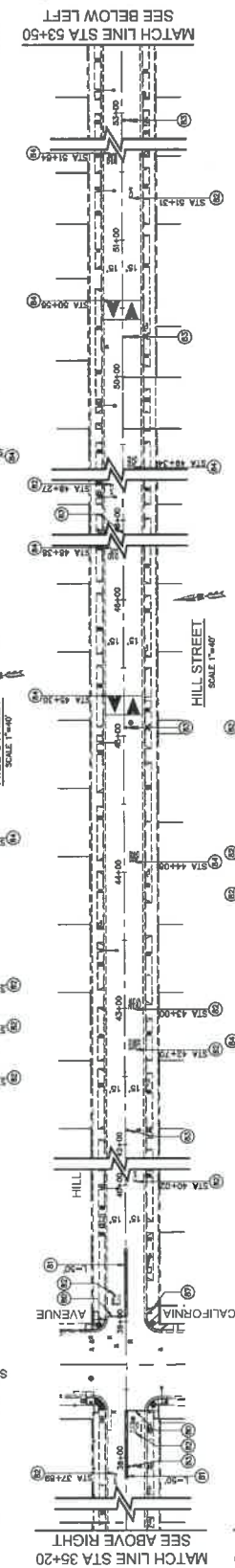
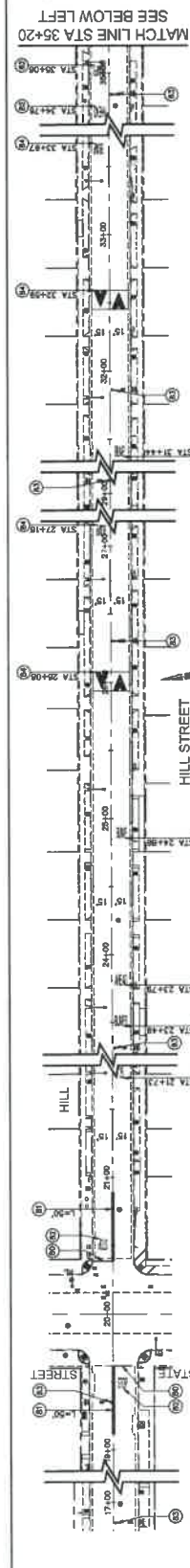
CITY OF HUNTINGTON PARK



LABORATORY	CY	QUANTITY	U-20
			6900.27

GENERAL TRAFFIC AND STRIPING
AND MARKING NOTES:

1. PROVIDE ACCESS AT ALL THE AND PROTECT-N-PLACE
 2. ALL TRAFFIC LINES AND MARKING SHALL CONFORM TO CALIFORNIA STANDARD PLANS AND SPECIFICATIONS (LATEST EDITION).
 3. IF ALL CONCRETING LAYS AND MARKING SHALL BE BY NOT MANUFACTURING THIS INCLUDE REMOVAL OF BARED PAVEMENT MARKS.
 4. ALL TRAFFIC LINES AND MARKING SHALL BE CONFORM TO CALIFORNIA STANDARD PLANS AND SPECIFICATIONS (LATEST EDITION) FOR FLOW LINE OR EDGE OF PAVEMENT AS APPROPRIATE.
 5. ALL TRAFFIC LINES AND MARKING MARKINGS FOR ROADWAYS SHALL BE CONFORM TO CALIFORNIA STANDARD PLANS AND SPECIFICATIONS (LATEST EDITION).
- TRAFFIC STRIPING, MARKING AND SIGNING NOTES:
- (1) PLACE 12" WIDE WHITE PAINTED LIMIT LINE PER CALTRANS STD PLAN 400.
 - (2) PLACE DOUBLE YELLOW PAINTED "NO PARKING ZONE-TWO" MARKING PER CALTRANS STD PLAN 400.
 - (3) PLACE WHITE PAVED MARKING MARKING AND PER WORK FOR EXISTING STD PLAN 400 AND USE FOR PLANS.
 - (4) PLACE BASED BLUE REFLECTIVE PAVEMENT MARKING FOR FINE HYDRANT.
 - (5) PAVEMENT MARKING FOR SPEED BUMP, PER CALTRANS STD PLAN 400.
 - (6) INSTALL SALVAGED STREET NAME SIGNS AND STOP SIGNS.
 - (7) INSTALL SALVAGED INSTRUCTION MARK SIGN STOP SIGN.
 - (8) INSTALL SALVAGED "NO TRUCKS OVER 3 TONS" SIGN.



CITY OF HUNTINGTON PARK
PUBLIC WORKS AND ENGINEERING DEPARTMENT

APPROVED BY: DATE: 9/13/2020

WATER MAIN REPLACEMENT PROJECT
FY 20-21

STRIPING, MARKING AND SIGNAGE PLAN FOR
HILL STREET FROM STATE STREET TO CUDAHY STREET
CUDAHY AVENUE FROM STATE STREET TO OTIS STREET

SHEET 30 OF 30 SHEETS
DRAWING NO. C-30
8/20/27

UNDER THE SUPERVISION OF
REGISTERED PROFESSIONAL ENGINEER
T. D'AMICO
No. 123456
Exp. 12/31/2022
www.tylerdamico.com

DESIGNED BY: G. GUTIERREZ
DRAWN BY: B. PEREZ
CHECKED BY: A. SANCHEZ
DATE: 8/13/21

NO.	REVISIONS	APPROVED BY	DATE



UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

ATTENTION IS DIRECTED TO THE POSSIBLE EXISTENCE OF UNDERGROUND FACILITIES NOT SHOWN ON A RECORD DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REPORT THE LOCATION OF UNDERGROUND UTILITIES BY CONTACTING UNDERGROUND UTILITY SERVICE ALERT AT 1 (800) 422-4133.

ATTACHMENT B



**CITY OF HUNTINGTON PARK
CALIFORNIA**

**CONTRACT DOCUMENTS
SPECIFICATIONS AND STANDARD DRAWINGS**

FOR

WATER MAIN REPLACEMENT PROJECT

**FY 2020/2021
PROJECT NO. 2019-07**

**MANUEL "MANNY" AVILA – MAYOR
GRACIELA ORTIZ – VICE MAYOR
KARINA MACIAS – COUNCIL MEMBER
MARILYN SANABRIA – COUNCIL MEMBER
EDUARDO "EDDIE" MARTINEZ – COUNCIL MEMBER**

**RICARDO REYES - CITY MANAGER
RAUL ALVAREZ – ASSISTANT CITY MANAGER
CESAR ROLDAN – DIRECTOR OF PUBLIC WORKS**

PREPARED BY:



**3060 Saturn Street., Suite 250
Brea, CA 92821
Tel: 714-940-0100 Fax: 714-940-0700
Infrastructure Engineers Project No. 6900.27**

**Bid Opening: Wednesday, November 18, 2020 at 2:00 PM
Engineer's Estimate: \$3,525,878.00**

WATER MAIN REPLACEMENT PROJECT

**FY 2020/2021
PROJECT NO. 2019-07**

IN THE CITY OF HUNTINGTON PARK

BID SCHEDULE

- Bid Period - October 23, 2020 – November 18, 2020
- Bid Opening - November 18, 2020 at 2:00 PM
- Award of Contract - December 1, 2020

Proposals will be received at the office of the City Clerk, City Hall, City of Huntington Park, 6550 Miles Ave., Huntington Park, CA 90255 until 2:00 PM on November 18, 2020.

These Specifications have been prepared
under the direction of:



Yunus Rahi, Ph.D, P.E, T.E
City Engineer



**CITY OF HUNTINGTON PARK
CALIFORNIA**

TO PROSPECTIVE BIDDERS:

The City of Huntington Park invites you to become a prospective bidder on one of its public works projects. It is the City's intention to provide you with thorough and complete information regarding this project and to present an accurate description of the necessary work so that you may successfully bid and construct the project.

Submittal of your bid will be a proof that you have made a thorough and complete investigation of the project site and that you have discovered no apparent discrepancies between the scope of work set forth in the plans and specifications and the actual field conditions.

If there are any questions regarding this project, please contact the Project Engineer's office at (323) 584-6225 or by email to eescobar@infengr.com.

**Yunus Rahi, Ph.D, P.E, T.E
City Engineer**

WATER MAIN REPLACEMENT PROJECT

**FY 2020/2021
PROJECT NO. 2019-07**

IN THE CITY OF HUNTINGTON PARK

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NOTICE INVITING SEALED BIDS
FOR
WATER MAIN REPLACEMENT PROJECT
FY 2020/2021
PROJECT NO. 2019-07
IN THE CITY OF HUNTINGTON PARK

PUBLIC NOTICE IS HEREBY GIVEN that the City of HUNTINGTON PARK as AGENCY, invites sealed bids for the above stated project and will receive such bids in the offices of the City Clerk, 6550 Miles Avenue, HUNTINGTON PARK, California 90255, up to the hour of 2:00 p.m. on November 18, 2020. They will be publicly opened in the City Council Chambers at 2:00 p.m. on the above date.

Copies of the contract documents are available on the City's website (www.hpca.gov/bids.aspx). In order to be on the Plan Holder's List for this project, each bidder must download the plans and specifications from the City's website and provide their pertinent information. Bids will not be accepted unless the bidder is on the Plan Holder's List. All questions from Plan Holder are to be posted on the website and copied to the above email address.

To comply with SB 854, beginning January 1, 2015 the following applies:

1. No contractor or subcontractor may be listed on a bid proposal for public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations (DIR) pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].
2. No contractor or subcontractor may be awarded a contract for public works on a public works project awarded on or after April 1, 2015, unless registered with the DIR.
3. The project is subject to compliance monitoring and enforcement by the DIR.
4. Require the prime contractor to post job site notices prescribed by regulation (regulation not created yet) or the City must post the notices itself.

The Contractor shall fill in the Department of Industrial Relations (DIR) Contractor Registration Number Form provided in Appendix "B" and submit it with the sealed Bid.

The AGENCY hereby affirmatively ensures that minority business enterprises will be afforded full opportunity to submit bids in response to this notice and will not be discriminated against on the basis of race, color, national origin, ancestry, sex, marital status or religion in any consideration leading to the award of contract.

In entering into a public works contract, or subcontract, to supply goods, services, or materials pursuant to a public works contract, the Contractor, or the Subcontractors, offers and agrees to assign to the awarding body all rights, title and interest in, and to, all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public work contract or the subcontract. This assignment shall be made and become effective as the time the awarding body tenders final payment to the Contractor, without further acknowledgement by the parties.

Bids must be prepared on the approved Proposal forms in conformance with the "Instructions to Bidders" and submitted in a sealed envelope plainly marked on the outside. The bid must be accompanied by certified or cashier's check, or bidder's bond, made payable to the AGENCY for an amount no less than ten percent of the amount bid.

Bidders must hold a valid California Class A or C-34 Contractor's License.

No bid will be accepted from a Contractor who has not been licensed in accordance with provisions of the Business and Professions Code. The successful Contractor and his subcontractors will be required to possess business licenses from the City.

The AGENCY will deduct **five percent (5%)** retention from all progress payments as specified in Section 9-3.2 of these Specifications. The Contractor may substitute an escrow holder surety of equal value to the retention and the Contractor shall be beneficial owner of the surety and shall receive any interest thereon.

The AGENCY reserves the right to reject any or all bids, to waive any irregularity and to take all bids, under advisement for a period of sixty (60) days.

The contract period for this project is **one hundred forty (140) working days** from the effective date of the Notice-to-Proceed to be issued by the City.

BY ORDER OF: The City of HUNTINGTON PARK, California

Sergio Infanzon, Acting City Clerk

INSTRUCTIONS TO BIDDERS
FOR
WATER MAIN REPLACEMENT PROJECT
FY 2020/2021
PROJECT NO. 2019-07
IN THE CITY OF HUNTINGTON PARK

PROPOSAL FORMS

Bids shall be submitted in writing on the Proposal forms provided by the AGENCY. All information requested therein must be clearly and legibly set forth in the manner and form indicated. The AGENCY will not consider any proposal not meeting these requirements.

PROPOSAL GUARANTEE

Proposals must be accompanied by a proposal guarantee consisting of a certified or cashier's check or bid bond payable to the AGENCY in the amount not less than ten percent of the total bid amount. Any proposal not accompanied by such a guarantee will not be considered. If a bidder to whom a contract is awarded fails or refuses to execute the contract documents or furnish the required insurance policies and bonds as set forth in those documents, the proposal guarantee shall be forfeited to the AGENCY. The proposal guarantees of all bidders will be held until the successful bidder has properly executed all contract documents.

DELIVERY OF PROPOSAL

Two (2) copies of the proposal shall be enclosed in a sealed envelope plainly marked on the outside, "WATER MAIN REPLACEMENT PROJECT, FY 2020/2021, PROJECT NO. 2019-07, IN THE CITY OF HUNTINGTON PARK" – DO NOT SEND WITH REGULAR MAIL. Proposals may be mailed AND RETURN RECEIPT is required or delivered by messenger. However, it is the bidder's responsibility alone to ensure delivery of the proposal to the hands of the AGENCY'S Purchasing Officials prior to the bid opening hour stipulated in the Notice Inviting Sealed Bids. Late proposals will not be considered and are automatically disqualified.

WITHDRAWAL OF PROPOSALS

A proposal may be withdrawn by a written request signed by the bidder. Such requests must be delivered to the AGENCY's designated official prior to the bid-opening hour stipulated in the Notice Inviting Sealed Bids. Proposals may not be withdrawn after said hour without forfeiture of the proposal guarantee. The withdrawal of the proposal will not prejudice the right of the bidder to submit a new proposal, providing there is time to do so.

IRREGULAR PROPOSALS

Unauthorized conditions, limitations, or provisions attached to a proposal will render it irregular and may cause its rejection. The completed proposal forms shall be without interlineations, alterations, or erasures. Alternative proposals will not be considered unless specifically requested. No oral, telegraphic, telephonic, facsimile or electronic proposal, modification or withdrawal will be considered.

TAXES

No mention shall be made in the proposal of Sales Tax, Use Tax, or any other tax, as all amounts of bid will be deemed and held to include any such taxes, which may be applicable.

DISQUALIFICATION OF BIDDERS

In the event that any bidder acting as a prime contractor has an interest in more than one proposal, all such proposals will be rejected, and the bidder will be disqualified. This restriction does not apply to subcontractors or suppliers who may submit quotations to more than one bidder, and while doing so, may also submit a formal proposal as a prime contractor. No proposal will be accepted from a bidder who has not been licensed in accordance with the provisions of the State Business and Professions Code.

DISCREPANCIES AND MISUNDERSTANDINGS

Bidders must satisfy themselves by personal examination of the work site, Plans, Specifications, and other contract documents and by any other means as they may believe necessary, as to the actual physical conditions, requirements and difficulties under which the work must be performed. No bidder shall at any time after submission of a proposal make any claim or assertion that there was any misunderstanding or lack of information regarding the nature or amount of work necessary for the satisfactory completion of the job. Any errors, omissions, or discrepancies found in the Plans, Specifications, or other contract documents shall be called to the attention of the AGENCY and clarified prior to the submission of proposals.

Any Request for Information (RFI) must be submitted in written to the AGENCY on or before October 26, 2020.

EQUIVALENT MATERIALS

Although the bidder may believe that by use of a different material than that specified on/in the plans and specifications, a lower cost project/bid may result, the bidder is to bid the project on the basis of using the material(s) as named keeping in mind that all materials named herein by manufacturer is not to prohibit the bidder considering using in his bid what he consider to be an equal material except where the AGENCY has designated a sole product. Once the bids have been opened the successful Contractor may discuss with the AGENCY the use of another product; which may result in a determination by the AGENCY that the other product is equal and possibly that by the AGENCY allowing the use of the Contractor proposed equal that a change in the contract amount may result.

LEGAL RESPONSIBILITIES

All proposals must be submitted, filed, made, and executed in accordance with State and Federal laws relating to bids for contracts of this nature whether the same or expressly referred to herein or not. Any bidder submitting a proposal shall by such action thereby agree to each and all of the terms, conditions, provisions, and requirements set forth, contemplated, and referred to in the Plans, Specifications, and other contract documents, and to full compliance therewith.

AWARD OF CONTRACT

The award of contract, if made, will be to the lowest responsible bidder as determined solely by the AGENCY. Additionally, the AGENCY reserves the right to accept or reject any or all proposals, to waive any irregularity, and to make an award as may best serve the interests of the AGENCY.

SURETY BOND PERIOD

Surety Faithful Performance Bond shall be maintained for one (1) year after completion of project construction.

PROPOSAL
FOR
WATER MAIN REPLACEMENT PROJECT
FY 2020/2021
PROJECT NO. 2019-07
IN THE CITY OF HUNTINGTON PARK

TO THE CITY OF HUNTINGTON PARK, as AGENCY

In accordance with AGENCY's Notice Inviting Sealed Bids, the undersigned BIDDER hereby proposes to furnish all materials, equipment, tools, labor, and incidentals required for the above stated project as set forth in the Plans, Specifications, and contract documents therefor and to perform all work in the manner and time prescribed therein.

BIDDER declares that this proposal is based upon careful examination of the work site, Plans, Specifications, Instruction to Bidders, and all other contract documents. If this proposal is accepted for award, BIDDER agrees to enter into a contract with AGENCY at the unit and/or lump sum prices set forth in the following Bid Schedule. BIDDER understands that failure to enter into a contract in the manner and time prescribed will result in forfeiture to AGENCY of the guarantee accompanying this proposal. This bid may not be withdrawn within a period of sixty (60) days after the date of its proper opening by the City.

BIDDER understands that a bid is required for the entire work and that the estimated quantities set forth in the Bid Schedule are solely for the purpose of comparing bids, and that final compensation under the contract will be based upon the actual quantities of work satisfactorily completed. THE AGENCY RESERVES THE RIGHT TO INCREASE OR DECREASE THE AMOUNT OF ANY QUANTITY SHOWN AND TO DELETE ANY ITEM FROM THE CONTRACT. It is agreed that the unit and/or lump sum prices bid include all appurtenant expenses, taxes, royalties, and fees. In the case of discrepancies in the amounts bid, unit prices shall govern over extended amounts, and words shall govern over figures.

If awarded the Contract, the undersigned further agrees that in the event of the BIDDER's default in executing the required contract and filing the necessary bonds and insurance certificates within ten working days after the date of the AGENCY's notice of award of contract to the BIDDER, the proceeds of the security accompanying this bid shall become the property of the AGENCY and this bid and the acceptance hereof may, at the AGENCY'S option, be considered null and void.

BID PROPOSAL

FOR

WATER MAIN REPLACEMENT PROJECT

FY 2020/2021

PROJECT NO. 2019-07

IN THE CITY OF HUNTINGTON PARK

The undersigned declares that he/she has carefully examined the location of the proposed work, that he/she has examined the specifications and read the accompanying instructions to bidders, and hereby proposes to do all the work in accordance with said specifications for the amounts set forth below:

Construct improvements as reiterated above, located in the City of HUNTINGTON PARK, California, in accordance with the specifications for the unit price set forth in the following items:

ITEM NO.	DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	EXTENDED AMOUNT
1	Mobilization/ Demobilization (Not to exceed 3% of total of all other prime contract Bid Items)	LS	1		
2	Traffic Control	LS	1		
3	Cold Mill Existing Asphalt Concrete Pavement (1" Deep)	SF	143,270		
4	Cold Mill Existing Asphalt Concrete Pavement (2" Deep)	SF	139,620		
5	Remove and Construct Concrete Sidewalk	SF	1,590		
6	Remove and Construct Concrete Driveway Approach	SF	15		
7	Remove and Construct Existing Concrete Cross Gutter	SF	250		
8	Remove and Construct Concrete Local Depression	SF	45		
9	Remove and Construct Concrete Curb Type A2-6(150) and Gutter	LF	1,410		
10	Remove and Construct Concrete Curb Ramp	EA	18		
11	Remove and Construct Existing AC Speed Bump	EA	10		
12	Remove and Install New Post for Sign	EA	3		

ITEM NO.	DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	EXTENDED AMOUNT
13	Remove and Relocate Existing Post and Salvage Signs	EA	2		
14	Prune Tree Roots and Install Root Barriers	EA	31		
15	Provide and Place 6" Crushed Miscellaneous Base (CMB)	TON	105		
16	Construct 1" Thick AC Leveling Course	TON	845		
17	Construct 1" Thick ARHM Overlay	TON	55		
18	Construct Variable Thickness ARHM Overlay (1" to 2" Thick)	TON	2,490		
19	Adjust Existing Storm Drain/Sewer/Utility Manhole Frame and Cover to Finished Grade	EA	29		
20	Adjust Existing Water Valve Can and Cover to Finished Grade	EA	3		
21	Adjust Water Meter Box and Cover to Finished Grade	EA	1		
22	Adjust Existing Utility Pull Box and Cover to Finished Grade	EA	2		
23	Relocate Existing Utility Pull Box and Cover	EA	4		
24	Traffic Signing, Striping, Markings and Curb Painting	LS	1		
25	Provide Erosion Control and BMPs	LS	1		
26	Construction Survey, Staking, Re-establish Survey Monument and Centerline Ties	LS	1		
27	Construct 8" PVC C-900 Water Main	LF	9,655		
28	Construct 10" PVC C-900 Water Main	LF	60		
29	Encase Water Line	LF	145		
30	Construct New 6" D.I. Resilient-Wedge Valve	EA	31		
31	Construct New 8" D.I. Resilient-Wedge Valve	EA	20		
32	Construct New 10" D.I. Resilient-Wedge Valve	EA	1		
33	Remove Existing Water Meter Box and Service Line and Construct New 1" Water Service Line, Install New Meter and Meter Box (Provided by City)	EA	340		
34	Remove Existing Water Meter Box and Service Line and Construct New 2" Water Service Line, Install New Meter and Meter Box (Provided by City)	EA	8		

ITEM NO.	DESCRIPTION	UNIT	EST. QTY.	UNIT PRICE	EXTENDED AMOUNT
35	Remove Existing Fire Hydrant Assembly and Service Line and Construct New Fire Hydrant Assembly and Service Line	EA	13		
36	Construct New Fire Hydrant Assembly and Service Line	LS	18		
37	Abandon and Slurry Fill Existing Water Line and Appurtenances	LS	1		
38	Construct Cured-In-Place Pipe (CIPP) Lining of 8" Sewer Pipe	LF	1,370		
39	Remove and Construct 8" VCP Sewer Main (Open Trench)	LF	25		
TOTAL AMOUNT BID IN FIGURES				\$	

TOTAL AMOUNT BID IN WORDS:

_____ Dollars

Bidder's Signature

Title

Company Name

DESIGNATION OF SUBCONTRACTORS

BIDDER proposes to subcontract certain portions of the work, which are in excess of one-half of one percent of the bid, and to procure materials and equipment from suppliers and vendors as follows:

[illegible]

Prior to award of contract, Contractor shall submit a list of suppliers and vendors, in writing, to the City Engineer.

REFERENCES

The following are the names, addresses, and telephone numbers for three public agencies for which BIDDER has performed similar work within the past two years:

1. _____
Name and Address of Agency

Name and telephone number of person familiar with project

Contract amount Type of work Date completed
2. _____
Name and Address of Agency

Name and telephone number of person familiar with project

Contract amount Type of work Date completed
3. _____
Name and Address of Agency

Name and telephone number of person familiar with project

Contract amount Type of work Date completed

The following are the names, addresses, and telephone numbers of all brokers and sureties from whom BIDDER intends to procure insurance and bonds:

EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE

BIDDER certifies that in all previous contracts or subcontractors, all reports which may have been due under the requirements of any AGENCY, State, or Federal equal employment opportunity orders have been satisfactorily filed, and that no such reports are currently outstanding.

AFFIRMATIVE ACTION CERTIFICATION

BIDDER certifies that affirmative action has been taken to seek out and consider minority business enterprises for those portions of the work to be subcontracted, and that such affirmative actions have been fully documented, that said documentation is open to inspection, and that said affirmative action will remain in effect for the life of any contract awarded thereunder. Furthermore, BIDDER certifies that affirmative action will be taken to meet all equal employment opportunity requirements of the contract documents.

NON-COLLUSION AFFIDAVIT

BIDDER declares that the only persons or parties interested in this proposal as principals are those named herein; that no officer, agent, or employee of the AGENCY is personally interested, directly or indirectly, in this proposal; that this proposal is made without connection to any other individual, firm, or corporation making a bid for the same work and that this proposal is in all respects fair and without collusion or fraud.

BIDDER'S INFORMATION

BIDDER certifies that the following information is true and correct:

Bidder's Name _____

Business Address: _____

Telephone _____

State Contractor's License No. and Class: _____

Original Date Issued _____ Expiration Date _____

The following are the names, titles, addresses, and phone numbers of all individuals, firm members, partners, joint ventures, and/or corporate officers having a principal interest in this proposal:

The date of any voluntary or involuntary bankruptcy judgments against any principal having an interest in this proposal is as follows:

All current and prior DBA's, alias, and/or fictitious business names for any principal having an interest in this proposal are as follows:

IN WITNESS WHEREOF, BIDDER executes and submits this proposal with the names, title, hands, and seals of all forenamed principals this _____ day of _____, 20____.

BIDDER _____

The undersigned declares under penalty of perjury under the laws of the State of California that the representations made hereto are true and correct.

Signature of Contractor's Representative

Printed Name

Title

Subscribed and sworn to this _____ day of _____, 20____.

NOTARY PUBLIC _____

Note: The standard printed bid bond form of any bonding company acceptable to the City of Huntington Park may be used in lieu of the following approved sample bond form, provided the security stipulations protecting the City of Huntington Park are not in any way reduced by use of the surety company's printed standard form.

**PROPOSAL GUARANTEE
BID BOND**

FOR

WATER MAIN REPLACEMENT PROJECT

**FY 2020/2021
PROJECT NO. 2019-07**

IN THE CITY OF HUNTINGTON PARK

KNOW ALL MEN BY THESE PRESENTS that _____,
_____, as BIDDER, and _____,
_____, as SURETY, are held and firmly
bound unto the City of Huntington Park, as AGENCY, in the penal sum of

_____ dollars (\$ _____), which is ten percent of the
total amount bid by BIDDER to AGENCY for the above stated project, for the payment of which
sum, BIDDER and SURETY agree to be bound, jointly and severally, firmly be these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas BIDDER is about to
submit a bid to AGENCY for the above stated project, if said bid is rejected, or if said bid is
accepted and a contract is awarded and entered into by BIDDER in the manner and time specified,
then this obligation shall be null and void, otherwise it shall remain in full force and effect in favor
of AGENCY.

IN WITNESS WHEREOF the parties hereto have set their names, titles, hands, and seals, this
_____ day of _____, 20____.

BIDDER* _____

SURETY* _____

Subscribed and sworn to this _____ day of _____, 20____.

NOTARY PUBLIC _____

*Provide BIDDER/SURETY name, address and telephone number and the name, title, address
and telephone number of authorized representative.

BIDDER'S VIOLATION OF LAW/SAFETY QUESTIONNAIRE

FOR

WATER MAIN REPLACEMENT PROJECT

FY 2020/2021

PROJECT NO. 2019-07

IN THE CITY OF HUNTINGTON PARK

In accordance with Government Code Section 14310.5, the BIDDER shall complete, under penalty of perjury, the following questionnaire.

QUESTIONNAIRE

Has the Bidder, any officer of the bidder or any employee of the Bidder who has a proprietary interest in the Bidder ever been disqualified, removed or otherwise prevented from bidding on or completing a Federal, State or local government project because of a violation of law or a safety regulation?

Yes _____

No _____

If the answer is yes, explain the circumstances in the space provided.

Note: The following is to be used in case cash, a cashier's check or a certified check accompanies the proposal.

**PROPOSAL GUARANTEE
CASH, CASHIER'S CHECK, OR CERTIFIED CHECK**

FOR

WATER MAIN REPLACEMENT PROJECT

**FY 2020/2021
PROJECT NO. 2019-07**

IN THE CITY OF HUNTINGTON PARK

Accompanying this proposal is a certified check, a cashier's check, or bidder's bond payable to the order of the City of HUNTINGTON PARK, or cash in the amount of

_____ Dollars

(\$ _____). The proceeds of the same shall become the property of said City if, in case this proposal shall be accepted by said City through the City Council, the undersigned shall fail to execute a contract, with and furnish the insurance and bonds required by the City of HUNTINGTON PARK within the specified time; otherwise, the same is to be returned to the undersigned as set forth in the Instructions to Bidders.

Bid



CONTRACTOR SERVICES AGREEMENT
(CONTRACTOR'S NAME) for the
Water Main Replacement Project – FY 2020/2021
Project No. 2019-07

THIS CONTRACTOR SERVICES AGREEMENT ("Agreement") is made and entered into this _____ day of _____, 2020 (hereinafter, the "Effective Date"), by and between the CITY OF HUNTINGTON PARK, a municipal corporation ("CITY") and _____ (hereinafter, "CONTRACTOR"). For the purposes of this Agreement CITY and CONTRACTOR may be referred to collectively by the capitalized term "Parties." The capitalized term "Party" may refer to CITY or CONTRACTOR interchangeably.

NOW, THEREFORE, for and in consideration of the mutual covenants and conditions herein contained, CITY and CONTRACTOR agree as follows:

I. ENGAGEMENT TERMS

- 1.1 **SCOPE OF SERVICES:** Subject to the terms and conditions set forth in this Agreement and all exhibits attached and incorporated hereto, CONTRACTOR agrees to perform the services and tasks set forth in **Exhibit "A"** (hereinafter referred to as the "**Scope of Services**"). CONTRACTOR further agrees to furnish to CITY all labor, materials, tools, supplies, equipment, services, tasks and incidental and customary work necessary to competently perform and timely complete the services and tasks set forth in the Scope of Services. For the purposes of this Agreement the aforementioned services and tasks set forth in the Scope of Services shall hereinafter be referred to generally by the capitalized term "Work."
- 1.2 **TERM:** This Agreement shall commence on _____, 2020 to _____, 2020. It is the CONTRACTOR'S responsibility to request an extension at least (2) days in advance of the expiration of term of the Agreement. Nothing in this Section shall operate to prohibit or otherwise restrict the CITY's ability to terminate this Agreement at any time for convenience or for cause.
- 1.3 **COMPENSATION:**
- A. CONTRACTOR shall perform the various services and tasks set forth in the **Scope of Services Exhibit "A", in accordance with the compensation schedule which is exhibit B (hereafter, the "approval rate schedule")**.
 - B. Section 1.3(A) notwithstanding, CONTRACTOR'S total compensation during the Term of this Agreement or any extension term shall not exceed the budgeted aggregate sum of \$_____ (hereinafter, the "Not-to-").

Exceed Sum”), unless such added expenditure is first approved by the CITY acting in consultation with the City Manager and the Director of Finance. In the event CONTRACTOR’S charges are projected to exceed the Not-to-Exceed Sum prior to the expiration of the Term or any single extension term, CITY may suspend CONTRACTOR’S performance pending CITY approval of any anticipated expenditures in excess of the Not-to-Exceed Sum or any other CITY-approved amendment to the compensation terms of this Agreement.

- 1.4 PAYMENT OF COMPENSATION: Following the conclusion of each calendar month, CONTRACTOR shall submit to CITY an itemized invoice indicating the services and tasks performed during the recently concluded calendar month, including services and tasks performed. If the amount of CONTRACTOR’S monthly compensation is a function of hours worked by CONTRACTOR’S personnel, the invoice shall indicate the number of hours worked in the recently concluded calendar month, the persons responsible for performing the Work, the rate of compensation at which such services and tasks were performed, the subtotal for each task and service performed and a grand total for all services performed. Within **Thirty (30) calendar days** of receipt of each invoice, CITY shall notify CONTRACTOR in writing of any disputed amounts included in the invoice. Within **Sixty (60) calendar days** of receipt of each invoice, CITY shall pay all undisputed amounts included on the invoice. CITY shall not withhold applicable taxes or other authorized deductions from payments made to CONTRACTOR.
- 1.5 ACCOUNTING RECORDS: CONTRACTOR shall maintain complete and accurate records with respect to all matters covered under this Agreement during and for a period of three (3) years after the expiration or termination of this Agreement. CITY shall have the right to access and examine such records, without charge. CITY shall further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities. The City shall own all accounting records maintained by the CONTRACTOR.
- 1.6 ABANDONMENT BY CONTRACTOR: In the event CONTRACTOR ceases to perform the Work agreed to under this Agreement or otherwise abandons the undertaking contemplated herein prior to the expiration of this Agreement or prior to completion of any or all tasks set forth in the Scope of Services, CONTRACTOR shall deliver to CITY immediately and without delay, all materials, records and other work product prepared or obtained by CONTRACTOR in the performance of this Agreement. Furthermore, CONTRACTOR shall only be compensated for the reasonable value of the services, tasks and other work performed up to the time of cessation or abandonment, less a deduction for any damages, costs or additional expenses which CITY may incur as a result of CONTRACTOR’S cessation or abandonment.

II. PERFORMANCE OF AGREEMENT

- 2.1 CITY’S REPRESENTATIVES: The CITY hereby designates the City Manager and Director of Public Works (hereinafter, the “CITY Representatives”) to act as its representatives for the performance of this Agreement. The City Manager shall be the chief CITY Representative. The CITY Representatives or their designee shall act on behalf of the CITY for all purposes under this Agreement. CONTRACTOR shall not accept directions or orders from any person other than the CITY Representatives or their designee.

- 2.2 **CONTRACTOR REPRESENTATIVE AND CONTACT INFORMATION:**
CONTRACTOR hereby designates or designee to act as its representative for the performance of this Agreement (hereinafter, "CONTRACTOR Representative"). CONTRACTOR Representative shall have full authority to represent and act on behalf of the CONTRACTOR for all purposes under this Agreement. CONTRACTOR Representative or his designee shall supervise and direct the performance of the Work, using his best skill and attention, and shall be responsible for all means, methods, techniques, sequences and procedures and for the satisfactory coordination of all portions of the Work under this Agreement. Notice to the CONTRACTOR Representative shall constitute notice to CONTRACTOR.
- 2.3 **COORDINATION OF SERVICE; CONFORMANCE WITH REQUIREMENTS:**
CONTRACTOR agrees to work closely with CITY staff in the performance of the Work and this Agreement and shall be available to CITY staff and the CITY Representatives at all reasonable times. All work prepared by CONTRACTOR shall be subject to inspection and approval by CITY Representatives or their designees.
- 2.4 **STANDARD OF CARE; PERFORMANCE OF EMPLOYEES:** CONTRACTOR represents, acknowledges and agrees to the following:
- A. CONTRACTOR shall perform all Work skillfully, competently and to the highest standards of CONTRACTOR'S profession;
 - B. CONTRACTOR shall perform all Work in a manner reasonably satisfactory to the CITY;
 - C. CONTRACTOR shall comply with all applicable federal, state and local laws and regulations, including the conflict of interest provisions of Government Code section 1090 and the Political Reform Act (Government Code section 81000 *et seq.*);
 - D. CONTRACTOR understands the nature and scope of the Work to be performed under this Agreement as well as any and all schedules of performance;
 - E. All of CONTRACTOR'S employees and agents possess sufficient skill, knowledge, training and experience to perform those services and tasks assigned to them by CONTRACTOR; and
 - F. All of CONTRACTOR'S employees and agents (including but not limited SUB-CONTRACTOR) possess all licenses, permits, certificates, qualifications and approvals of whatever nature that are legally required to perform the tasks and services contemplated under this Agreement and all such licenses, permits, certificates, qualifications and approvals shall be maintained throughout the term of this Agreement and made available to CITY for copying and inspection.

The Parties acknowledge and agree that CONTRACTOR shall perform, at CONTRACTOR'S own cost and expense and without any reimbursement from CITY, any services necessary to correct any errors or omissions caused by CONTRACTOR'S failure to comply with the standard of care set forth under this Section or by any like failure on the part of CONTRACTOR'S employees, agents, and

SUB-CONTRACTOR. Such effort by CONTRACTOR to correct any errors or omissions shall be commenced immediately upon their discovery by either Party and shall be completed within seven (7) calendar days from the date of discovery or such other extended period of time authorized by the CITY Representatives in writing and in their sole and absolute discretion. The Parties acknowledge and agree that CITY'S acceptance of any work performed by CONTRACTOR or on CONTRACTOR'S behalf shall not constitute a release of any deficiency or delay in performance. The Parties further acknowledge, understand and agree that CITY has relied upon the foregoing representations of CONTRACTOR, including but not limited to the representation that CONTRACTOR possesses the skills, training, knowledge and experience necessary to perform the Work skillfully, competently and to the highest standards of CONTRACTOR'S profession.

- 2.5 ASSIGNMENT: The skills, training, knowledge and experience of CONTRACTOR are material to CITY's willingness to enter into this Agreement. Accordingly, CITY has an interest in the qualifications and capabilities of the person(s) who will perform the services and tasks to be undertaken by CONTRACTOR or on behalf of CONTRACTOR in the performance of this Agreement. In recognition of this interest, CONTRACTOR agrees that it shall not assign or transfer, either directly or indirectly or by operation of law, this Agreement or the performance of any of CONTRACTOR'S duties or obligations under this Agreement without the prior written consent of CITY. In the absence of CITY'S prior written consent, any attempted assignment or transfer shall be ineffective, null and void and shall constitute a material breach of this Agreement.
- 2.6 CONTROL AND PAYMENT OF SUBORDINATES; INDEPENDENT CONTRACTOR: The Work shall be performed by CONTRACTOR or under CONTRACTOR'S strict supervision. CONTRACTOR will determine the means, methods and details of performing the Work subject to the requirements of this Agreement. CITY retains CONTRACTOR on an independent CONTRACTOR basis and not as an employee. CONTRACTOR reserves the right to perform similar or different services for other principals during the term of this Agreement, provided such work does not unduly interfere with CONTRACTOR'S competent and timely performance of the Work contemplated under this Agreement and provided the performance of such services does not result in the unauthorized disclosure of CITY's confidential or proprietary information. Any additional personnel performing the Work under this Agreement on behalf of CONTRACTOR are not employees of CITY and shall at all times be under CONTRACTOR'S exclusive direction and control. CONTRACTOR shall pay all wages, salaries and other amounts due such personnel and shall assume responsibility for all benefits, payroll taxes, Social Security and Medicare payments and the like. CONTRACTOR shall be responsible for all reports and obligations respecting such additional personnel, including, but not limited to: Social Security taxes, income tax withholding, unemployment insurance, disability insurance, workers' compensation insurance and the like.
- 2.7 REMOVAL OF EMPLOYEES OR AGENTS: If any of CONTRACTOR'S officers, employees, agents, or SUB-CONTRACTOR is determined by the CITY Representatives to be uncooperative, incompetent, a threat to the adequate or timely performance of the tasks assigned to CONTRACTOR, a threat to persons or property,

or if any of CONTRACTOR'S officers, employees, agents, or SUBCONTRACTOR fail or refuse to perform the Work in a manner acceptable to the CITY, such officer, employee, agent, or SUB-CONTRACTOR shall be promptly removed by CONTRACTOR and shall not be reassigned to perform any of the Work.

- 2.8 COMPLIANCE WITH LAWS: CONTRACTOR shall keep itself informed of and in compliance with all applicable federal, state or local laws to the extent such laws control or otherwise govern the performance of the Work. CONTRACTOR'S compliance with applicable laws shall include without limitation compliance with all applicable Cal/OSHA requirements.
- 2.9 NON-DISCRIMINATION: In the performance of this Agreement, CONTRACTOR shall not discriminate against any employee, CONTRACTOR, or applicant for employment because of race, color, creed, religion, sex, marital status, sexual orientation, national origin, ancestry, age, physical or mental disability or medical condition.
- 2.10. INDEPENDENT CONTRACTOR STATUS: The Parties acknowledge, understand and agree that CONTRACTOR and all persons retained or employed by CONTRACTOR are, and shall at all times remain, wholly independent CONTRACTOR and are not officials, officers, employees, departments or subdivisions of CITY. CONTRACTOR shall be solely responsible for the negligent acts and/or omissions of its employees, agents, CONTRACTOR and SUB-CONTRACTOR. CONTRACTOR and all persons retained or employed by CONTRACTOR shall have no authority, express or implied, to bind CITY in any manner, nor to incur any obligation, debt or liability of any kind on behalf of, or against, CITY, whether by CONTRACTOR or otherwise, unless such authority is expressly conferred to CONTRACTOR under this Agreement or is otherwise expressly conferred by CITY in writing.

III. INSURANCE

- 3.1 DUTY TO PROCURE AND MAINTAIN INSURANCE: Prior to the beginning of and throughout the duration of the Work, CONTRACTOR will procure and maintain policies of insurance that meet the requirements and specifications set forth under this Article. CONTRACTOR shall procure and maintain the following insurance coverage, at its own expense:
- A. Commercial General Liability Insurance: CONTRACTOR shall procure and maintain Commercial General Liability Insurance ("CGL Coverage") as broad as Insurance Services Office Commercial General Liability coverage (Occurrence Form CG 0001) or its equivalent. Such CGL Coverage shall have minimum limits of no less than Two Million Dollars (\$2,000,000.00) per occurrence and Two Million Dollars (\$2,000,000.00) in the general aggregate for bodily injury, personal injury, property damage, operations, products and completed operations, and CONTRACTOR dual liability.
- B. Automobile Liability Insurance: CONTRACTOR shall procure and maintain Automobile Liability Insurance as broad as Insurance Services Office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto). Such Automobile Liability Insurance shall have minimum limits of no less than Two Million Dollars (\$2,000,000.00) per accident for bodily injury and property damage.

- C. Workers' Compensation Insurance / Employer's Liability Insurance: A policy of workers' compensation insurance in such amount as will fully comply with the laws of the State of California and which shall indemnify, insure and provide legal defense for both CONTRACTOR and CITY against any loss, claim or damage arising from any injuries or occupational diseases occurring to any worker employed by or any persons retained by CONTRACTOR in the course of carrying out the Work contemplated in this Agreement.
- D. Pollution Liability Insurance: CONTRACTOR shall procure pollution liability insurance with a limit of Three Million Dollars (\$3,000,000.00) per claim and aggregate.
- 3.2 ADDITIONAL INSURED REQUIREMENTS: The CGL Coverage and the Automobile Liability Insurance shall contain an endorsement naming the CITY and CITY'S elected and appointed officials, officers, employees, agents and volunteers as additional insureds. The Entity, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).
- 3.3 REQUIRED CARRIER RATING: All varieties of insurance required under this Agreement shall be procured from insurers admitted in the State of California and authorized to issue policies directly to California insureds. Except as otherwise provided elsewhere under this Article, all required insurance shall be procured from insurers who, according to the latest edition of the Best's Insurance Guide, have an A.M. Best's rating of no less than A: VII. CITY may also accept policies procured by insurance carriers with a Standard & Poor's rating of no less than BBB according to the latest published edition the Standard & Poor's rating guide. As to Workers' Compensation Insurance/ Employer's Liability Insurance, the CITY Representatives are authorized to authorize lower ratings than those set forth in this Section.
- 3.4 PRIMACY OF CONTRACTOR'S INSURANCE: All policies of insurance provided by CONTRACTOR shall be primary to any coverage available to CITY or CITY'S elected or appointed officials, officers, employees, agents or volunteers. Any insurance or self-insurance maintained by CITY or CITY'S elected or appointed officials, officers, employees, agents or volunteers shall be in excess of CONTRACTOR'S insurance and shall not contribute with it.
- 3.5 WAIVER OF SUBROGATION: All insurance coverage provided pursuant to this Agreement shall not prohibit CONTRACTOR officers, employees, agents, CONTRACTOR or SUB-CONTRACTOR from waiving the right of subrogation prior to a loss. CONTRACTOR hereby waives all rights of subrogation against CITY.
- 3.6 VERIFICATION OF COVERAGE: CONTRACTOR acknowledges, understands and agrees, that CITY'S ability to verify the procurement and maintenance of the insurance required under this Article is critical to safeguarding CITY'S financial well-being and, indirectly, the collective well-being of the residents of the CITY. Accordingly,

CONTRACTOR warrants, represents and agrees that its shall furnish CITY with original certificates of insurance and endorsements evidencing the coverage required under this Article on forms satisfactory to CITY in its sole and absolute discretion. **The certificates of insurance and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf, and shall be on forms provided by the CITY if requested.** All certificates of insurance and endorsements shall be received and approved by CITY as a condition precedent to CONTRACTOR'S commencement of any work or any of the Work. Upon CITY'S written request, CONTRACTOR shall also provide CITY with certified copies of all required insurance policies and endorsements.

IV. INDEMNIFICATION

- 4.1 The Parties agree that CITY and CITY'S elected and appointed officials, officers, employees, agents and volunteers (hereinafter, the "CITY Indemnitees") should, to the fullest extent permitted by law, be protected from any and all loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to the performance of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the CITY Indemnitees with the fullest protection possible under the law. CONTRACTOR acknowledges that CITY would not enter into this Agreement in the absence of CONTRACTOR'S commitment to indemnify, defend and protect CITY as set forth herein.
- 4.2 To the fullest extent permitted by law, CONTRACTOR shall indemnify, hold harmless and defend the CITY Indemnitees from and against all liability, loss, damage, expense, cost (including without limitation reasonable attorneys' fees, expert fees and all other costs and fees of litigation) of every nature arising out of or in connection with CONTRACTOR'S performance of work hereunder or its failure to comply with any of its obligations contained in this Agreement.
- 4.3 CITY shall have the right to offset against the amount of any compensation due CONTRACTOR under this Agreement any amount due CITY from CONTRACTOR as a result of CONTRACTOR'S failure to pay CITY promptly any indemnification arising under this Article and related to CONTRACTOR'S failure to either (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.
- 4.4 The obligations of CONTRACTOR under this Article will not be limited by the provisions of any workers' compensation act or similar act. CONTRACTOR expressly waives its statutory immunity under such statutes or laws as to CITY and CITY'S elected and appointed officials, officers, employees, agents and volunteers.
- 4.5 CONTRACTOR agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Article from each and every CONTRACTOR or any other person or entity involved by, for, with or on behalf of CONTRACTOR in the performance of this Agreement. In the event CONTRACTOR fails to obtain such indemnity obligations from others as required herein, CONTRACTOR agrees to be fully responsible and indemnify, hold harmless and defend CITY and CITY'S elected and appointed officials, officers, employees, agents and volunteers from and against

any and all claims and losses, costs or expenses for any damage due to death or injury to any person and injury to any property resulting from any alleged intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of CONTRACTOR'S, SUB-CONTRACTOR or any other person or entity involved by, for, with or on behalf of CONTRACTOR in the performance of this Agreement. Such costs and expenses shall include reasonable attorneys' fees incurred by counsel of CITY'S choice.

- 4.6 CITY does not, and shall not, waive any rights that it may possess against CONTRACTOR because of the acceptance by CITY, or the deposit with CITY, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.
- 4.7 This Article and all provisions contained herein (including but not limited to the duty to indemnify, defend and hold free and harmless) shall survive the termination or normal expiration of this Agreement and is in addition to any other rights or remedies which the CITY may have at law or in equity.

V. TERMINATION

- 5.1 TERMINATION WITHOUT CAUSE: CITY may terminate this Agreement at any time for convenience and without cause by giving CONTRACTOR a minimum of five (5) calendar day's prior written notice of CITY'S intent to terminate this Agreement. Upon such termination for convenience, CONTRACTOR shall be compensated only for those services and tasks which have been performed by CONTRACTOR up to the effective date of the termination. CONTRACTOR may not terminate this Agreement except for cause as provided under Section 5.2, below. If this Agreement is terminated as provided herein, CITY may require CONTRACTOR to provide all finished or unfinished Documents and Data, as defined in Section 6.1 below, and other information of any kind prepared by CONTRACTOR in connection with the performance of the Work. CONTRACTOR shall be required to provide such Documents and Data within fifteen (15) calendar days of CITY'S written request. No actual or asserted breach of this Agreement on the part of CITY pursuant to Section 5.2, below, shall operate to prohibit or otherwise restrict CITY'S ability to terminate this Agreement for convenience as provided under this Section.

5.2 EVENTS OF DEFAULT; BREACH OF AGREEMENT:

- A. In the event either Party fails to perform any duty, obligation, service or task set forth under this Agreement (or fails to timely perform or properly perform any such duty, obligation, service or task set forth under this Agreement), an event of default (hereinafter, "Event of Default") shall occur. For all Events of Default, the Party alleging an Event of Default shall give written notice to the defaulting Party (hereinafter referred to as a "Default Notice") which shall specify: (i) the nature of the Event of Default; (ii) the action required to cure the Event of Default; (iii) a date by which the Event of Default shall be cured, which shall not be less than the applicable cure period set forth under Sections 5.2.B and 5.2C below or if a cure is not reasonably

possible within the applicable cure period, to begin such cure and diligently prosecute such cure to completion. The Event of Default shall constitute a breach of this Agreement if the defaulting Party fails to cure the Event of Default within the applicable cure period or any extended cure period allowed under this Agreement.

B. CONTRACTOR shall cure the following Events of Defaults within the following time periods:

- i. Within three (3) business days of CITY'S issuance of a Default Notice for any failure of CONTRACTOR to timely provide CITY or CITY'S employees or agents with any information and/or written reports, documentation or work product which CONTRACTOR is obligated to provide to CITY or CITY'S employees or agents under this Agreement. Prior to the expiration of the 3-day cure period, CONTRACTOR may submit a written request for additional time to cure the Event of Default upon a showing that CONTRACTOR has commenced efforts to cure the Event of Default and that the Event of Default cannot be reasonably cured within the 3-day cure period. The foregoing notwithstanding, CITY shall be under no obligation to grant additional time for the cure of an Event of Default under this Section 5.2 B.i. that exceeds seven (7) calendar days from the end of the initial 3-day cure period; or
- ii. Within fourteen (14) calendar days of CITY'S issuance of a Default Notice for any other Event of Default under this Agreement. Prior to the expiration of the 14-day cure period, CONTRACTOR may submit a written request for additional time to cure the Event of Default upon a showing that CONTRACTOR has commenced efforts to cure the Event of Default and that the Event of Default cannot be reasonably cured within the 14-day cure period. The foregoing notwithstanding, CITY shall be under no obligation to grant additional time for the cure of an Event of Default under this Section 5.2B.ii that exceeds thirty (30) calendar days from the end of the initial 14-day cure period.

In addition to any other failure on the part of CONTRACTOR to perform any duty, obligation, service or task set forth under this Agreement (or the failure to timely perform or properly perform any such duty, obligation, service or task), an Event of Default on the part of CONTRACTOR shall include, but shall not be limited to the following: (i) CONTRACTOR'S refusal or failure to perform any of the services or tasks called for under the Scope of Services; (ii) CONTRACTOR'S failure to fulfill or perform its obligations under this Agreement within the specified time or if no time is specified, within a reasonable time; (iii) CONTRACTOR'S and/or its employees' disregard or violation of any federal, state, local law, rule, procedure or regulation; (iv) the initiation of proceedings under any bankruptcy, insolvency, receivership, reorganization, or similar legislation as relates to CONTRACTOR, whether voluntary or involuntary; (v) CONTRACTOR'S refusal or failure to perform or observe any covenant, condition, obligation or provision of this Agreement; and/or (vii) CITY'S discovery that a statement representation or warranty by CONTRACTOR relating to this Agreement is false, misleading or erroneous in any material respect.

C. CITY shall cure any Event of Default asserted by CONTRACTOR within forty-five (45) calendar days of CONTRACTOR'S issuance of a Default Notice, unless the Event of

Default cannot reasonably be cured within the 45-day cure period. Prior to the expiration of the 45-day cure period, CITY may submit a written request for additional time to cure the Event of Default upon a showing that CITY has commenced its efforts to cure the Event of Default and that the Event of Default cannot be reasonably cured within the 45-day cure period. The foregoing notwithstanding, an Event of Default dealing with CITY'S failure to timely pay any undisputed sums to CONTRACTOR as provided under Section 1.4, above, shall be cured by CITY within five (5) calendar days from the date of CONTRACTOR'S Default Notice to CITY.

- D. CITY, in its sole and absolute discretion, may also immediately suspend CONTRACTOR'S performance under this Agreement pending CONTRACTOR'S cure of any Event of Default by giving CONTRACTOR written notice of CITY'S intent to suspend CONTRACTOR'S performance (hereinafter, a "Suspension Notice"). CITY may issue the Suspension Notice at any time upon the occurrence of an Event of Default. Upon such suspension, CONTRACTOR shall be compensated only for those services and tasks which have been rendered by CONTRACTOR to the reasonable satisfaction of CITY up to the effective date of the suspension. No actual or asserted breach of this Agreement on the part of CITY shall operate to prohibit or otherwise restrict CITY'S ability to suspend this Agreement as provided herein.
- E. No waiver of any Event of Default or breach under this Agreement shall constitute a waiver of any other or subsequent Event of Default or breach. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.
- F. The duties and obligations imposed under this Agreement and the rights and remedies available hereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law. In addition to any other remedies available to CITY at law or under this Agreement in the event of any breach of this Agreement, CITY, in its sole and absolute discretion, may also pursue any one or more of the following remedies:
 - i. Upon written notice to CONTRACTOR, CITY may immediately terminate this Agreement in whole or in part;
 - ii. Upon written notice to CONTRACTOR, CITY may extend the time of performance;
 - iii. CITY may proceed by appropriate court action to enforce the terms of the Agreement to recover damages for CONTRACTOR'S breach of the Agreement or to terminate the Agreement; or
 - iv. CITY may exercise any other available and lawful right or remedy.

CONTRACTOR shall be liable for all legal fees plus other costs and expenses that CITY incurs upon a breach of this Agreement or in the CITY'S exercise of its remedies under this Agreement.

- G. In the event CITY is in breach of this Agreement, CONTRACTOR'S sole remedy shall

be the suspension or termination of this Agreement and/or the recovery of any unpaid sums lawfully owed to CONTRACTOR under this Agreement for completed services and tasks.

- 5.3 SCOPE OF WAIVER: No waiver of any default or breach under this Agreement shall constitute a waiver of any other default or breach, whether of the same or other covenant, warranty, agreement, term, condition, duty or requirement contained in this Agreement. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.
- 5.4 SURVIVING ARTICLES, SECTIONS AND PROVISIONS: The termination of this Agreement pursuant to any provision of this Article or by normal expiration of its term or any extension thereto shall not operate to terminate any Article, Section or provision contained herein which provides that it shall survive the termination or normal expiration of this Agreement.

VI. MISCELLANEOUS PROVISIONS

- 6.1 DOCUMENTS & DATA; LICENSING OF INTELLECTUAL PROPERTY: All Documents and Data shall be and remain the property of CITY without restriction or limitation upon their use or dissemination by CITY. For purposes of this Agreement, the term "Documents and Data" means and includes all reports, analyses, correspondence, plans, drawings, designs, renderings, specifications, notes, summaries, strategies, charts, schedules, spreadsheets, calculations, lists, data compilations, documents or other materials developed and/or assembled by or on behalf of CONTRACTOR in the performance of this Agreement and fixed in any tangible medium of expression, including but not limited to Documents and Data stored digitally, magnetically and/or electronically. This Agreement creates, at no cost to CITY, a perpetual license for CITY to copy, use, reuse, disseminate and/or retain any and all copyrights, designs, and other intellectual property embodied in all Documents and Data. CONTRACTOR shall require all SUB-CONTRACTORS working on behalf of CONTRACTOR in the performance of this Agreement to agree in writing that CITY shall be granted the same right to copy, use, reuse, disseminate and retain Documents and Data prepared or assembled by any CONTRACTOR as applies to Documents and Data prepared by CONTRACTOR in the performance of this Agreement.
- 6.2 CONFIDENTIALITY: All data, documents, discussion, or other information developed or received by CONTRACTOR or provided for performance of this Agreement are deemed confidential and shall not be disclosed by CONTRACTOR without prior written consent by CITY. CITY shall grant such consent if disclosure is legally required. Upon request, all CITY data shall be returned to CITY upon the termination or expiration of this Agreement. CONTRACTOR shall not use CITY'S name or insignia, photographs, or any publicity pertaining to the Work in any magazine, trade paper, newspaper, television or radio production or other similar medium without the prior written consent of CITY.
- 6.3 FALSE CLAIMS ACT: CONTRACTOR warrants and represents that neither CONTRACTOR nor any person who is an officer of, in a managing position with, or

has an ownership interest in CONTRACTOR has been determined by a court or tribunal of competent jurisdiction to have violated the False Claims Act, 31 U.S.C., section 3789 et seq. and the California False Claims Act, Government Code section 12650 et seq.

- 6.4 **NOTICES:** All notices permitted or required under this Agreement shall be given to the respective Parties at the following addresses, or at such other address as the respective Parties may provide in writing for this purpose:

CONTRACTOR:

Phone: _____

CITY:

City of Huntington Park
Public Works Department
6550 Miles Avenue
Huntington Park, CA 90255
Attn: Cesar Roldan
Phone: (323) 584-6320

Such notices shall be deemed effective when personally delivered or successfully transmitted by facsimile as evidenced by a fax confirmation slip or when mailed, forty-eight (48) hours after deposit with the United States Postal Service, first class postage prepaid and addressed to the Party at its applicable address.

- 6.5 **COOPERATION; FURTHER ACTS:** The Parties shall fully cooperate with one another and shall take any additional acts or sign any additional documents as is reasonably necessary, appropriate or convenient to achieve the purposes of this Agreement.
- 6.6 **SUBCONTRACTING:** CONTRACTOR shall not SUB-CONTRACTOR any portion of the Work required by this Agreement, except as expressly stated herein, without the prior written approval of CITY. SUB-CONTRACTORS (including without limitation SUB-CONTRACTORS with Sub-CONTRACTOR'S), if any, shall contain a provision making them subject to all provisions stipulated in this Agreement, including provisions relating to insurance requirements and indemnification.
- 6.7 **CITY'S RIGHT TO EMPLOY OTHER CONTRACTOR:** CITY reserves the right to employ other CONTRACTOR in connection with the various projects worked upon by CONTRACTOR.
- 6.8 **PROHIBITED INTERESTS:** CONTRACTOR warrants, represents and maintains that it has not employed nor retained any company or person, other than a *bona fide* employee working solely for CONTRACTOR, to solicit or secure this Agreement. Further, CONTRACTOR warrants and represents that it has not paid nor has it agreed to pay any company or person, other than a *bona fide* employee working solely for CONTRACTOR, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to rescind this Agreement without liability. For the term of this Agreement, no member, officer or employee of CITY, during the term of his or her service with CITY, shall have any direct interest in this Agreement, or obtain any present or anticipated material

benefit arising therefrom.

- 6.9 TIME IS OF THE ESSENCE: Time is of the essence for each and every provision of this Agreement.
- 6.10 GOVERNING LAW AND VENUE: This Agreement shall be interpreted and governed according to the laws of the State of California. In the event of litigation between the Parties, venue, without exception, shall be in the Los Angeles County Superior Court of the State of California. If, and only if, applicable law requires that all or part of any such litigation be tried exclusively in federal court, venue, without exception, shall be in the Central District of California located in the City of Los Angeles, California.
- 6.11 ATTORNEYS' FEES: If either Party commences an action against the other Party, either legal, administrative or otherwise, arising out of or in connection with this Agreement, the prevailing Party in such litigation shall be entitled to have and recover from the losing Party reasonable attorneys' fees and all other costs of such action.
- 6.12 SUCCESSORS AND ASSIGNS: This Agreement shall be binding on the successors and assigns of the Parties.
- 6.13 NO THIRD-PARTY BENEFIT: There are no intended third party beneficiaries of any right or obligation assumed by the Parties. All rights and benefits under this Agreement inure exclusively to the Parties.
- 6.14 CONSTRUCTION OF AGREEMENT: This Agreement shall not be construed in favor of, or against, either Party but shall be construed as if the Parties prepared this Agreement together through a process of negotiation and with the advice of their respective attorneys.
- 6.15 SEVERABILITY: If any portion of this Agreement is declared invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions shall continue in full force and effect.
- 6.16 AMENDMENT; MODIFICATION: No amendment, modification or supplement of this Agreement shall be valid or binding unless executed in writing and signed by both Parties, subject to CITY approval. The requirement for written amendments, modifications or supplements cannot be waived and any attempted waiver shall be void and invalid.
- 6.17 CAPTIONS: The captions of the various articles, sections and paragraphs are for convenience and ease of reference only, and do not define, limits, augment, or describe the scope, content, or intent of this Agreement.
- 6.18 INCONSISTENCIES OR CONFLICTS: In the event of any conflict or inconsistency between the provisions of this Agreement and any of the exhibits attached hereto, the provisions of this Agreement shall control.
- 6.19 ENTIRE AGREEMENT: This Agreement including all attached exhibits is the entire, complete, final and exclusive expression of the Parties with respect to the matters

addressed herein and supersedes all other agreements or understandings, whether oral or written, or entered into between CITY and CONTRACTOR prior to the execution of this Agreement. No statements, representations or other agreements, whether oral or written, made by any Party which are not embodied herein shall be valid or binding. No amendment, modification or supplement to this Agreement shall be valid and binding unless in writing and duly executed by the Parties pursuant to Section 6.15, above.

- 6.20 COUNTERPARTS: This Agreement shall be executed in three (3) original counterparts each of which shall be of equal force and effect. No handwritten or typewritten amendment, modification or supplement to any one counterpart(s) shall be valid or binding unless made to all three counterparts in conformity with Section 6.16, above. One fully executed original counterpart shall be delivered to CONTRACTOR and the remaining two original counterparts shall be retained by CITY.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed the day and year first appearing in this Agreement, above.

CITY OF HUNTINGTON PARK:

(CONTRACTOR):

By: Ricardo Reyes
City Manager

By: _____

Date: _____

Date: _____

ATTEST:

By: _____
Sergio Infanzon, Acting City Clerk

Date: _____

APPROVED AS TO FORM:

By: City Attorney

Date: _____

INSURANCE REQUIREMENTS FOR
FOR
WATER MAIN REPLACEMENT PROJECT

FY 2020/2021
PROJECT NO. 2019-07

The City of Huntington Park requires that applicants must submit to the Office of the City Clerk proof of Liability Insurance in the following amounts.

Coverage shall be at least as broad as:

- **General Liability** – Minimum Limits of: *(Pending Event)*
 - **\$2,000,000** per occurrence and **\$4,000,000** general aggregate; or
 - Other: _____

for bodily injury, personal injury and property damage, including operations, products and completed operations

- **Automobile Liability** – if vendor has no owned autos, Code 8 (hired) and Code 9 (non-owned), with limits of no less than **\$2,000,000** per accident for bodily injury and property damage. (Note – required only if auto is used in performance of work)
- **Workers Compensation** – required by the State of California, with statutory limits, and employer’s liability insurance with limit of no less than **\$2,000,000** per accident for bodily injury or disease. (Note – required only if vendor has employees)

Special Events serving/selling alcohol must also include **Liquor Liability (limits will vary depending on event type)*

The General Liability policy is to contain, or to be endorsed to contain the following:

- The City of Huntington Park, its officers, officials, employees, and volunteers are to be covered as additional insureds

Special Event Holder or Permittee shall hold harmless, defend and indemnify Entity and its officers, officials, employees and volunteers from and against any and all liability, loss, damage expense, costs (including without limitation costs and fees of litigation) of every nature arising out of or in connection with Contractor’s performance of work hereunder or its failure to comply with any of its obligations contained in the agreement, except such loss or damage which was caused by the sole negligence or willful misconduct of the entity.

Certificate Holder:

- City of Huntington Park, 6550 Miles Avenue, Huntington Park, CA 90255

Acceptability of Insurers:

- Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best's rating of no less than A: VII, unless otherwise acceptable to the Entity.

A typed legible name of the Authorized representative must accompany the signature on the certificate of insurance and/or the true and certified copy of the policy

**THE ENDORSEMENT PAGE MUST ACCOMPANY THE ACORD FORM
CERTIFICATE OF LIABILITY.**

SUBJECT TO CHANGE ACCORDING TO EVENT

DATE

Must have a Contact Name & Phone number or email address:



CERTIFICATE OF LIABILITY INSURANCE

DATE (month/year)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	Agent or Broker Name & Address	CONTACT NAME FAX NO. (if any) E-MAIL ADDRESS ADDRESS CITY/STATE/ZIP
INSURED	Insured Name & Address	INSURED A INSURED B INSURED C INSURED D INSURED E INSURED F

Insurance Company Name(s)

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

General Liab.
Each Occurrence:
\$2,000,000
Damage to Rented Premises:
\$1,000,000
Med Exp: \$5,000
Personal & Adv Injury: \$1,000,000
General Aggregate:
\$4,000,000
Products:
\$1,000,000

Must mark either a "Y" or "N"

TYPE OF INSURANCE	POLICY NUMBER	CURRENT POLICY PERIOD	LIMITS
COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCURE GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PER OCCURE <input type="checkbox"/> LTD OTHER:	Policy Number	Current Policy Period	EACH OCCURRENCE DAMAGE TO RENTED PREMISES & EQUIPMENT MED EXP (Adv. & Hospital): PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS & COMPOUND \$2,000,000 \$1,000,000 \$5,000 \$1,000,000 \$4,000,000
AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO (OWNER, LESSEE, BORROWER, PERMITTEE) <input type="checkbox"/> NON-OWNED <input type="checkbox"/> AUTOMOBILE ONLY	Policy Number	Current Policy Period	COMBINED SINGLE LIMIT (as scheduled) BODILY INJURY (Per person) BODILY INJURY (Per occurrence) PROPERTY DAMAGE (Per occurrence) \$1,000,000 \$1,000,000 \$1,000,000
UMBRELLA LIAB EXCESS LIAB <input type="checkbox"/> RETENTION \$	Policy Number	Current Policy Period	EACH OCCURRENCE AGGREGATE \$1,000,000 \$1,000,000
PRODUCTS COMPLETION AND SOFT COVER LIABILITY ANY PRODUCT OR COMPLETION OF CONTRACTS (Manufacture in the U.S.) <input type="checkbox"/> YES <input type="checkbox"/> NO	Policy Number	Current Policy Period	EACH ACCIDENT TOTAL DAMAGE, ALL EMPLOYEES \$1,000,000 \$1,000,000

Combined Single Limit: \$1,000,000

Each Accident: \$1,000,000

DESCRIPTION OF OPERATIONS, LOCATIONS, VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 "The City of Huntington Park, its officers, officials, employees, and volunteers are to be covered as additional insureds."

CERTIFICATE HOLDER City of Huntington Park 6550 Miles Avenue Huntington Park, CA 90255	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE SIGNATURE
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ACORD 25 (2016/03)

The ACORD name and logo are registered marks of ACORD

Must be in ACCORD 25 (2016/03) or ACCORD 25 (2014/01) any other form will NOT be acceptable

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY
CG 20 12 04 13

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – STATE OR GOVERNMENTAL
AGENCY OR SUBDIVISION OR POLITICAL
SUBDIVISION – PERMITS OR AUTHORIZATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

State Or Governmental Agency Or Subdivision Or Political Subdivision:

"The City of Huntington Park, its officers, officials, employees, and volunteers are to be covered as additional insureds."

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. Section II – Who Is An Insured is amended to include as an additional insured any state or governmental agency or subdivision or political subdivision shown in the Schedule, subject to the following provisions:

1. This insurance applies only with respect to operations performed by you or on your behalf for which the state or governmental agency or subdivision or political subdivision has issued a permit or authorization.

However:

- a. The insurance afforded to such additional insured only applies to the extent permitted by law; and
- b. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

2. This insurance does not apply to:

- a. "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the federal government, state or municipality; or
- b. "Bodily injury" or "property damage" included within the "products-completed operations hazard".

B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations,

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

FAITHFUL PERFORMANCE BOND
FOR
WATER MAIN REPLACEMENT PROJECT
FY 2020/2021
PROJECT NO. 2019-07
IN THE CITY OF HUNTINGTON PARK

KNOW ALL MEN BY THESE PRESENTS that _____ as CONTRACTOR and _____, as SURETY, are held and firmly bound unto the City of HUNTINGTON PARK, as AGENCY, in the penal sum of _____ dollars (\$ _____), which is one-hundred percent (100%) of the total contract amount for the above stated project, for the payment of which sum, CONTRACTOR and SURETY agree to be bound, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas CONTRACTOR has been awarded and is about to enter into the annexed Contract Agreement with AGENCY for the above stated project, if CONTRACTOR faithfully performs and fulfills all obligations under the contract documents in the manner and time specified therein, then this obligation shall be null and void, otherwise it shall remain in full force and effect in favor of AGENCY; provided that any alterations in the obligations or time for completion made pursuant to the terms of the contract documents shall not in any way release either CONTRACTOR or SURETY, and notice of such alterations is hereby waived by SURETY.

IN WITNESS WHEREOF the parties hereto have set their names, titles, hands, and seals this _____ day of _____, 20_____.

CONTRACTOR* _____

SURETY* _____

Subscribed and sworn to this _____ day of _____, 20_____.

NOTARY PUBLIC _____

* Provide CONTRACTOR/SURETY name, address and telephone number and the name, title, address and telephone number of authorized representative.

MATERIAL AND LABOR BOND
FOR
WATER MAIN REPLACEMENT PROJECT

FY 2020/2021
PROJECT NO. 2019-07

IN THE CITY OF HUNTINGTON PARK

KNOW ALL MEN BY THESE PRESENTS that _____, as CONTRACTOR, and _____, as SURETY, are held and firmly bound unto the City of HUNTINGTON PARK, as AGENCY, in the penal sum of

_____ dollars (\$ _____), which is fifty percent (50%) of the total contract amount for the above stated project, for payment of which sum, CONTRACTOR and SURETY agree to be bound, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas CONTRACTOR has been awarded and is about to enter into the annexed Contract Agreement with AGENCY for the above stated project, if CONTRACTOR or any subcontractor fails to pay for any labor or material of any kind used in the performance of the work to be done under said contract, or fails to submit amounts due under the State Unemployment Insurance Act with respect to said labor, SURETY will pay for the same in an amount not exceeding the sum set forth above, which amount shall inure to the benefit of all persons entitled to file claims under the State Code of Civil Procedures; provided that any alteration made pursuant to the terms of the contract documents shall not in any way release either CONTRACTOR or SURETY, and notice of said alterations is hereby waived by SURETY.

IN WITNESS WHEREOF the parties have set their names, titles, hands, and seals this _____ day of _____, 2020.

CONTRACTOR* _____

SURETY* _____

Subscribed and sworn to this _____ day of _____, 20____.

NOTARY PUBLIC _____

* Provide CONTRACTOR/SURETY name, address and telephone number and the name, title, address and telephone number of authorized representative.

GENERAL SPECIFICATIONS
FOR
WATER MAIN REPLACEMENT PROJECT
FY 2020/2021
PROJECT NO. 2019-07
IN THE CITY OF HUNTINGTON PARK

SCOPE OF WORK

The work to be done consists of furnishing all materials, equipment, tools, labor, and incidentals to perform the work shown in the Plans, Specifications, and Contract Documents. The general items of work include, but not limited to: trenching, pipe layout, disinfecting, testing, backfilling, service connections, pipe abandonment, lining, demolition of existing improvements, grading, construction of concrete improvements like sidewalks, curb and gutters, curb ramps, driveways; cold milling, asphalt paving and other improvements as shown on Plans and described in these Specifications.

LOCATION OF WORK

The general locations and limits of the work are as follows:

- **HILL STREET, BETWEEN WESTERLY CITY LIMIT AND SALT LAKE AVENUE**
- **CUDAHY STREET, BETWEEN STATE STREET AND OTIS AVENUE**

TIME FOR COMPLETION

The Contractor shall complete all construction work in every detail within **one hundred forty (140) working days** after the date in the Notice to Proceed to be issued by the City for the awarded improvements.

NOTIFICATION

The Contractor shall notify the City of HUNTINGTON PARK and the owners of all utilities and substructures not less than 48 hours (2 working days) prior to starting construction. The following list of names and telephone numbers is intended for the convenience of the Contractor and is not guaranteed to be complete or correct:

CITY OF HUNTINGTON PARK DEPT OF PUBLIC WORKS (323) 582-6161

AT&T
JOSEPH FORKERT

714-963-7964
joef@forkertengineering.com

CALIFORNIA WATER SERVICE
PHILIP DELGADO

323-263-4145
pdelgado@calwater.com

CENTRAL BASIN MWD
JACQUE KOONTZ

323-201-5528
jacquek@centralbasin.org

CITY OF VERNON
JOSE LUGO

323-583-8811

CITY OF VERNON - GAS
ANTHONY SERRANO

323-583-8811
aserrano@ci.vernon.ca.us

CROWN CASTLE - LA & VEN
REBECCA CALDWELL

888-632-0931
fiber.dig@crowncastle.com

LEVEL 3 COMMUNICATIONS
AREA REPRESENTATIVE

877-366-8344
relo@level3.com

LOS ANGELES COUNTY SANITATION DISTRICTS
ENGINEERING COUNTER

562-908-4288 Ext. 1205
engineeringcounter@lacs.org

MCI (VERIZON BUSINESS)
DEAN BOYERS

469-886-4238
investigations@verizon.com

SC GAS - HUNTINGTON PARK
JASON JONES

310-687-2026
jjones4@semprautilities.com

SOUTHERN CALIFORNIA EDISON - DISTRIBUTION
DESIGN SUPPORT/UND

323-720-5298
und@sce.com

SOUTHERN CALIFORNIA EDISON - TELECOMMUNICATIONS
DESIGN SUPPORT/UND

323-720-5298
und@sce.com

SOUTHERN CALIFORNIA EDISON - TRANSMISSION
DESIGN SUPPORT/UND

323-720-5298
und@sce.com

SOUTHERN CALIFORNIA EDISON
GILBERT ACEVES

909-329-9445
maprequests@sce.com

TESORO REFINING & MARKETING CO
ANDEAVOR THIRD PARTY REQUESTS

714-880-1655

TORRANCE LOGISTICS CO/PBF ENERGY
ADRIANE SIMON

310-625-3886
adriane.simon@pbfenergy.com

UTILIQUEST 4 CHARTER COMM – IRWINDALE
GEORGE ALVAREZ

626-430-3335

UTILITQUEST FOR CHARTER
JEFF FLACO

626-855-3349
jeff.flaco@charter.com

ZAYO FNA ABOVE NET
GEORGE HUSS

443-403-2023
george.huss@zayo.com

UNDERGROUND SERVICE ALERT

(800) 422-4133 Tel
(909) 808-8101 Fax

EMERGENCY INFORMATION

The names, addresses and telephone numbers of the Contractor and subcontractors, or their representatives, shall be filed with the Engineer and the City Police Department prior to beginning work.

STANDARD SPECIFICATIONS

The Standard Specifications and Standard Plans of the AGENCY are contained in the Latest Edition, including the current Supplement, of the Standard Specifications for Public Works Construction (SSPWC) and Standard Plans for Public Works Construction (SPPWC). Copies of these Standard Specifications and Plans are available from the publisher, Building News, Incorporated, 1612 South Clementine Street, Anaheim, CA 92802, telephone (714) 517-0970.

The AGENCY also uses the Standard Specifications and plans of the State of California Department of Transportation (Caltrans). These Standard Specifications and Plans are available from Caltrans District 7, Los Angeles or Caltrans Office in Sacramento.

The AGENCY also uses the Standard Specifications and plans of American Water Works Association (AWWA) and the LA County Waterworks Districts (LACWD). These Standard Specifications and Plans are available at www.awwa.org and from LA County respectively.

The Standard Specifications set forth above will control the general provisions, construction materials, and construction methods for this contract except as amended by the Plans, Special Provisions, or other contract documents. The following Special Provisions are supplementary and in addition to the provisions of the Standard Specifications unless otherwise noted and the section numbers of the Special Provisions coincide with those of the said Standard Specifications. Only those sections requiring elaboration, amendment, specifying of options, or additions are called out.

NIGHT AND WEEKEND WORK

The AGENCY at its option reserves the right to direct the contractor to grind and pave at night time including Saturdays and Sundays at no cost to the AGENCY. The contractor shall not be allowed any extra compensation or price adjustment if the AGENCY directs him/her to work night shifts including Saturdays and Sundays.

SPECIAL PROVISIONS
FOR
WATER MAIN REPLACEMENT PROJECT
FY 2020/2021
PROJECT NO. 2019-07
IN THE CITY OF HUNTINGTON PARK

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SPECIAL PROVISIONS
PART 1 – GENERAL

FOR

WATER MAIN REPLACEMENT PROJECT

FY 2020/2021
PROJECT NO. 2019-07

IN THE CITY OF HUNTINGTON PARK

The work for the completion of the Project shall be performed in accordance with the Standard Specifications for Public Works Construction (SSPWC), latest Edition (hereinafter referred to as the "General Provisions"), in so far as the same applies to the Project, the Standard Plans, the AWWA standard plans, the LACWD standard plans and the Contract Documents.

For purposes of this Project, the following General Provisions are amended, as follows:

SECTION 1 – TERMS, DEFINITIONS, ABBREVIATIONS AND SYMBOLS

The following additions/modifications are hereby made to Subsection 1-2 of the Standard Specifications:

1-2 DEFINITIONS

AGENCY:	City of HUNTINGTON PARK
Board:	City Council of the City of HUNTINGTON PARK
Caltrans:	State of California, Department of Transportation
County:	County of Los Angeles
Engineer:	The City Engineer of the City of HUNTINGTON PARK or his authorized representative
Federal:	United States of America
Contractor:	The word Contractor means the Contractor as defined herein or his/her authorized representative.

SECTION 2 – SCOPE AND CONTROL OF THE WORK

2-1 AWARD AND EXECUTION OF CONTRACT

Subsection 2-1 of the Standard Specifications is hereby replaced with the following:

Within ten working days after the date of the AGENCY's notice of award, the Contractor shall execute and return the following contract documents to the AGENCY:

- Contract Agreement
- Faithful Performance Bond
- Material and Labor Bond
- Public Liability and Property Damage Insurance Certificate
- Worker's Compensation Insurance Certificate
- Project Schedule

Failure to comply with these requirements will constitute non-responsiveness on the part of the Contractor and will result in annulment of the award by the Agency and forfeiture of the Proposal Guarantee by the Contractor.

The Contract Agreement shall not be considered binding upon the AGENCY until executed by the authorized AGENCY official.

A corporation to which an award is made may be required, before the Contract Agreement is executed by the AGENCY, to furnish evidence of its corporate existence, of its right to enter into contracts in the State of California, and of the authority of its officers to sign contracts and bonds for the corporation.

2-3 SUBCONTRACTS

The whole paragraph of Subsection 2-3.2 of the Standard Specifications is hereby deleted and replaced with the following:

The Contractor shall perform or provide, with its own organization, contract labor, materials, and equipment amounting to at least 50 percent of the Contract Price. The contract labor performed or provided by the Contractor shall amount to at least 25 percent of the total contract labor for the Contract. Contract labor shall exclude the Contractor's superintendent. Any designated "Specialty Items" may be performed by subcontract and the amount of any such "Specialty Items" so performed may be deducted from the Contract Price before computing the amount of contract labor, materials, and equipment required to be performed or provided by the Contractor with its own organization. Where an entire item is subcontracted, the value of contract labor, materials, and equipment subcontracted will be based on the estimated percentage of the Contract Unit or Lump Sum Price, determined from information submitted by the Contractor, subject to approval by the Engineer.

The Contractor with the bid package shall submit a list of all subcontractors intended to perform work on the project. This list shall include the name and location of the place of business of each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement, or a subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of one-half of one percent of the prime contractors total bid. The prime contractor shall provide a description by bid item number or otherwise fully designate the portion of work to be performed by each subcontractor.

2-4 CONTRACT BONDS

The second sentence of the fourth paragraph of Subsection 2-4 of the Standard Specifications is hereby deleted and replaced with the following: The Faithful Performance Bond (Warranty Bond) shall remain in force until one (1) year of recordation of the Notice of Completion. The Material and Labor Bond shall remain in force until thirty-five days after the date of recordation of the Notice of Completion.

The second and third sentences of the third paragraph of Subsection 2-4 of the Standard Specifications are hereby deleted and replaced with the following: The "Payment Bond" (Material and Labor Bond) shall be for not less than 50 percent of the contract price, to satisfy claims of material suppliers and of mechanics and laborers employed by it on the work. The Payment Bond shall remain in effect until thirty-five days after the date of recordation of the Notice of Completion.

2-5 PLANS AND SPECIFICATIONS

2-5.1 General.

The following is added to the General Specifications:

The Contractor shall maintain a control set of Plans and Specifications on the project site at all times. All final locations determined in the field, and any deviations from the Plans and Specifications, shall be marked in red on this control set to show the as-built conditions. Upon completion of all work, the Contractor shall return the control set to the Engineer. Final payment will not be made until this requirement is met.

2-9 SURVEYING

2-9.1 Permanent Survey Markers.

The following is added after the first paragraph of this subsection of the Standard Specifications:

The Contractor shall reset disturbed monuments and provide a Corner Record Survey filed with the County Surveyor and City Engineer. Corner Record Surveys shall be completed by a Surveyor licensed in the State of California to practice surveying.

2-9.2 Surveying Services.

This subsection of the Standard Specifications is hereby deleted and replaced with the following:

The Contractor will furnish a Surveyor as needed for layout of the work and the resetting of monuments and shall be considered as paid for in the various Bid items and no additional compensation shall be allowed thereafter.

SECTION 4 - CONTROL OF MATERIALS

4-1 MATERIALS AND WORKMANSHIP

4-1.1 General

The following is hereby added to this subsection of the Standard Specification:

The Contractor and all subcontractors, suppliers, and vendors, shall guarantee that the entire work will meet all requirements of this contract as to the quality of materials, equipment, and workmanship. The Contractor, at no cost to the AGENCY, shall make any repairs or replacements made necessary by defects in materials, equipment, or workmanship that become evident within one (1) years after the date of recordation of the Notice of Completion. Within this one-year period, the Contractor shall also restore to full compliance with requirements of this contract any portion of the work which is found to not meet those requirements. The Contractor shall hold the AGENCY harmless from claims of any kind arising from damages due to said defects or noncompliance. The Contractor shall make all repairs, replacements, and restorations within thirty (30) days after the date of the City Engineer's written notice.

4-1.6 Trade Names or Equals

The first and second paragraphs of this subsection of the Standard Specifications are hereby replaced with the following:

Although the bidder may believe that by use of a different material than that specified on/in the plans and specifications, a lower cost project/bid may result. The bidder is to bid the project on the basis of using the material(s) as named keeping in mind that all materials named herein by manufacturer is not to prohibit the bidder considering using in his bid what he consider to be an equal material except where the AGENCY has designated a sole product. Once the bids have been opened the successful Contractor may discuss with the AGENCY the use of another product; which may result in a determination by the AGENCY that the other product is equal and possibly that by the AGENCY allowing the use of the Contractor proposed equal that a change in the contract amount may result.

SECTION 5 – UTILITIES

5-1 LOCATION

The agency did not perform any utility investigation. The Contractor shall be responsible to contact USA to mark all utilities and shall conduct this operation to protect all marked utilities in place. Any damaged utility line shall be repaired at the contractor sole expense. The price for protecting all utilities in place shall be considered as paid for in the various Bid items and no additional compensation shall be allowed thereafter

SECTION 6 – PROSECUTION, PROGRESS, AND ACCEPTANCE OF WORK

6-1 CONSTRUCTION SCHEDULE AND COMMENCEMENT OF WORK

The following is hereby added to this subsection of the Standard Specifications:

The Contractor's proposed Construction Schedule shall be submitted to the Engineer within ten working days after the date of the Agency's execution of the Contract Agreement. The schedule shall be supported by written statements from each supplier of materials or equipment indicating that all orders have been placed and acknowledged, and setting forth the dates that each item will be delivered.

Prior to issuing the Notice to Proceed, the Engineer will schedule a preconstruction meeting with the Contractor to review the proposed Construction Schedule and delivery dates, arrange utility coordination, discuss construction methods, and clarify inspection procedures.

The Contractor shall submit periodic Progress Reports to the Engineer by the last day of each month. The Report shall include an updated Construction Schedule. Any deviations from the original schedule shall be explained. Progress payments will be withheld pending receipt of any outstanding reports.

6-7 TIME OF COMPLETION

6-7.1 General

This subsection of the Standard Specifications shall be replaced by the following:

All construction work is to be completed within **one hundred and forty (140) working days**.

6-7.2 Working Day.

The following is hereby added to this subsection of the Standard Specifications:

The Contractor's activities shall be confined to the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays. Deviation from these hours will not be permitted without the prior consent of the Engineer, except in emergencies involving immediate hazard to persons or property. In the event of either a requested or emergency deviation, inspection service fees will be charged against the Contractor. The service fees will be calculated at overtime rates including benefits, overhead, and travel time. The service fees will be deducted from any amounts due the Contractor. Should the Contractor choose nighttime work, any and all lighting and traffic control, as needed, shall be provided by the Contractor.

6-9 LIQUIDATED DAMAGES

The liquidated damages value is hereby amended to be **\$1250.00 per day**.

SECTION 7 – RESPONSIBILITIES OF THE CONTRACTOR

7-1 CONTRACTOR'S EQUIPMENT AND FACILITIES.

The following is hereby added to this subsection of the Standard Specifications:

7-1.4 A noise level limit of 86 dba at the distance of fifty feet shall apply to all construction equipment on or related to the job whether owned by the Contractor or not. The use of excessively loud warning signals shall be avoided except in those cases required for the protection of personnel.

7-1.5 All noise producing project equipment and vehicles using internal combustion engines shall be equipped with mufflers, and air inlet silencers where appropriate, in good operating condition that meet or exceed original factory specifications. Mobile or fixed "package" equipment (e.g. arc-welders, air compressors) shall be equipped with shrouds and noise control features that are readily available for that type of equipment.

7-1.6 All mobile or fixed noise producing equipment used on the project, which is regulated for noise output by a local, state, or federal agency, shall comply with such regulation while in the course of project activity.

7-1.7 Electrically powered equipment instead of pneumatic or internal combustion powered equipment shall be used, where feasible.

7-1.8 Material stockpiles and mobile equipment staging, parking, and maintenance areas shall be located as far as practical from residences.

7-1.9 The hours of conventional construction activities shall be restricted to the periods and days permitted by the local noise or other applicable ordinance. In accordance with the City of HUNTINGTON PARK Noise Ordinance, these activities include (but are not limited to) construction, noisy maintenance activities, all spoils and material transport, demolition, and grading and are prohibited between the hours of 4:00 p.m. and 8:00 a.m. on weekdays (Monday through Friday), Saturday and Sundays, and legal holidays, except in cases of emergency as determined and approved in writing by the City Engineer.

7-1.10 The use of noise producing signals, including horns, whistles, alarms, and bells shall be for safety warning purposes only.

7-1.11 No project related public address, paging, two-way radio, or music system shall be audible at any adjacent residence.

7-1.12 The on-site construction supervisor shall have the responsibility and authority to receive and resolve noise complaints. An appeal process to the City shall be established prior to construction commencement that will allow for resolution of noise problems that cannot be immediately solved by the site supervisor.

7-1.13 The Contractor shall develop a project noise control plan, which shall be approved and implemented prior to commencement of any construction activity.

7-1.14 Noise control features and plans shall be reviewed and approved by a noise control engineering professional.

7-1.15 Contract incentives may be offered to the construction contractor to minimize or eliminate noise complaints resulting from project activities.

7-1.16 The erection of temporary sound wall barriers shall be considered where project activity is unavoidably close to residences.

7-1.17 Caltrans Standard Specifications (Sections 7 and 42) and Standard Special Provisions (that provide limits on construction noise levels) shall be applied and enforced by the City on the project Contractor.

7-1.18 Arrange noisiest operations together in the construction program to avoid continuing periods of annoyance.

7-1.19 If practical, implement project noise abatement features prior to construction.

7-2 LABOR

7-2.2 Laws.

The following is hereby added to this subsection of the Standard Specifications:

The Contractor, and all subcontractors, suppliers and vendors, shall comply with all AGENCY, State and Federal orders regarding affirmative action to ensure equal employment opportunities and fair employment practices. Failure to file any report due under said orders will result in suspension of periodic progress payments. The Contractor shall ensure unlimited access to the job site for all equal employment opportunity compliance officers. In accordance with the labor Code, as provided in Section 1773 et seq., the City has on file in the City Clerk's office the latest prevailing rates as established by the Director of Industrial Relations of the State of California. The Contractor shall not pay less than these rates.

7-3 LIABILITY INSURANCE

The liability insurance coverage values are hereby amended to be:

<u>Insurance Coverage Requirements</u>	<u>Limit Requirements</u>
Comprehensive General Liability	\$2,000,000
Product/Completed Operations Hazard	\$2,000,000
Comprehensive Automobile Liability	\$2,000,000
Contractual General Liability	\$2,000,000
Worker's Compensation	Statute

A combined single limit policy with aggregate limits in the amount of \$4,000,000 will be considered equivalent to the required minimum limits. A pro forma copy of the policy(s) shall be submitted to the City. A certificate of endorsement naming the City and its Agents as additional insured identifying the coverage limits, dates of coverage insurance provided and project number is required.

7-5 PERMITS.

The text of Subsection 7-5 of the Standard Specifications is hereby deleted and replaced with the following:

Prior to the start of any work, the Contractor shall take out the applicable AGENCY permits and make arrangements for AGENCY inspections. The AGENCY will issue the permits at no charge to the Contractor. The Contractor and all subcontractors shall each obtain an AGENCY business license, and shall be licensed in accordance with the State Business and Professions Code. The Contractor shall also obtain any and all other permits, licenses, inspections, certificates, or authorizations required by any governing body or entity.

The Contractor shall pay all costs incurred by the permit requirements.

7-9 PROTECTION AND RESTORATION OF EXISTING IMPROVEMENTS.

The second paragraph of Subsection 7-9 of the Standard Specifications is hereby deleted and replaced with the following:

The Contractor shall relocate, repair, replace or re-establish all existing improvements within the project limits which are not designated for removal (e.g., curbs, sidewalks, driveways, fences, walls, sprinkler systems, signs, utility installations, pavements, structures, etc.) which are damaged or removed as a result of the operations or as required by the Plans and Specifications.

Where existing traffic striping, pavement markings, and curb markings are damaged or their reflectivity reduced by the Contractor's operations, such striping or markings shall also be considered as existing improvements and the Contractor shall repaint or replace such improvements.

Reallocations, repairs, replacements or re-establishments shall be at least equal to the existing improvements and shall match such improvements in finish and dimensions unless otherwise specified.

The last paragraph of Subsection 7-9 of the Standard Specifications is hereby deleted and replaced with the following:

All costs to the Contractor for protecting, removing, restoring, relocating, repairing, replacing, or re-establishing existing improvements shall be included in the bid.

7-10 PUBLIC CONVENIENCE AND SAFETY.

The subsection 7-10.1 of the Standard Specifications is hereby deleted and replaced with the following:

7-10.1 Traffic and Access.

The Contractor shall notify the occupants of all affected properties in writing at least forty-eight hours (2 working days) prior to any temporary obstruction of access. Vehicular access to the property shall be maintained except as required for construction for a reasonable period of time. No overnight closure of any driveway will be allowed except as permitted by the Engineer.

At least one twelve-foot wide traffic lane shall be provided for each direction of travel on all streets at all times except as permitted by the Engineer. The Contractor must submit a traffic control plan to the City, signed by a registered traffic or civil engineer in the state of California, and obtain approval of same in writing from the City Engineer. The plan shall

be prepared per latest edition of California Manual on Traffic Control Devices (CA-MUTCD).

There are some driveways that require replacement in order to be American with Disabilities Act (ADA) compliant. Where a property has two driveways, only one driveway at a time can be closed for replacement. Where a single driveway to a property has a considerable width, half of the driveway is to be closed, worked on and reopened for usage before the other half of the driveway can be worked on.

All driveways have to be open for access during project non-construction hours and days which may require use of plating and other devices or methods.

No driveway can be worked on until the owner/tenant has been informed in writing with five (5) working days' notice of the scheduled work and has agreed to the planned schedule of the Contractor.

Under situations of driveway closure to pedestrians, the Contractor shall post advance notice on barricades to direct pedestrian to use the sidewalk on the opposite side of the street or the Contractor may elect to provide continuous K-rail in the curb lane to allow pedestrians to walk in the curb lane behind the K-rail. Any and all devices such as plates, barricades, K-rails and notices shall be continuously maintained for pedestrian and vehicle safety. No curb lanes shall be closed during non-working days of the week. Appropriate advance warning signs shall be continuously maintained as needed during the project. All such devices, warning signs and interruptions of normal vehicle lanes, parking lanes and pedestrian walkways shall be shown on the Traffic Control Plan for advance approval by the Agency.

Clearances from traffic lanes shall be five feet to the edge of any excavation and two feet to the face of any curb, pole, barricade, delineator, or other vertical obstruction.

Clearances from traffic lanes shall be five feet to the edge of any excavation and two feet to the face of any curb, pole, barricade, delineator, or other vertical obstruction.

Any striped roadway shall be delineated by the Contractor with temporary raised reflective markers when it is to be left un-striped overnight.

7-10.3.1 Street Closures, Detours, Barricades.

This subsection is added to section 7-10.3 of the Standard Specifications:

Street closures will not be allowed except as specifically permitted by the Engineer.

At the Pre-Construction meeting, the Contractor shall submit to the Engineer a detailed written plan for traffic control and construction sequencing for the project. The plan shall include drawings as necessary to clearly outline how traffic flow and pedestrian walkways will be handled during the course of construction and where detour and advance notice signs will be posted.

Traffic lane transitions shall not be sharper than a taper of thirty to one.

Temporary traffic channelization shall be accomplished with barricades, K-rail sections or delineators. Temporary striping will not be allowed unless specifically permitted by the Engineer. The Contractor shall prepare any plans that may be required for temporary striping to the satisfaction of the Engineer. In no event will temporary striping be allowed to remain on finish pavement surfaces.

In no case shall traffic be diverted from the existing traveled way without prior approval of the City Engineer.

The contractor shall include in his Traffic Control Plan use of lighted message boards to notify traffic of project and any changes in vehicle or pedestrian travel routes.

If the Contractor shall fail to provide and install any of the signs or traffic control devices ordered by the Engineer, the Engineer may either stop the work or cause such signs or traffic control devices to be placed by others and charge the cost therefor against the Contractor, and deduct same from the next progress payment

7-10.6 Protection of the Public.

Subsection 7-10.6 is hereby added to Section 7 of the Standard Specifications as follows:

It is part of the service required of the Contractor to make whatever provisions are necessary to protect the public. The Contractor shall use foresight and shall take such steps and precautions as its operations warrant to protect the public from danger, loss of life or loss of property, which would result from interruption or contamination of public water supply, interruption of other public services, or from the failure of partly completed work or partially removed facilities. Unusual conditions may arise on the work, which will require that immediate and unusual provisions be made to protect the public from danger or loss, or damage to life and property, due directly or indirectly to prosecution of work under this contract.

Whenever, in the opinion of the Engineer, an emergency exists against which the Contractor has not taken sufficient precaution for the public safety, protection of utilities and protection of adjacent structures or property, which may be damaged by the Contractor's operations and when, in the opinion of the Engineer, immediate action shall be considered necessary in order to protect the public or property due to the Contractor's operations under this contract, the Engineer will order the Contractor to provide a remedy for the unsafe condition. If the Contractor fails to act on the situation within a reasonable time period, the Engineer may provide suitable protection to said interests by causing such work to be done and material to be furnished as, in the opinion of the Engineer may seem reasonable and necessary.

The cost and expense of said labor and material, together with the cost and expense of such repairs as are deemed necessary, shall be borne by the Contractor. All expenses incurred by the AGENCY for emergency repairs will be deducted from the progress payments and the final payment due to the Contractor. However, if the AGENCY does not take such remedial measures, the Contractor is not relieved of the full responsibility for public safety.

SECTION 8 – FACILITIES FOR AGENCY PERSONNEL.

The following is hereby added to this subsection of the Standard Specifications:

No field offices for AGENCY personnel will be required, however, the AGENCY personnel shall have the right to enter upon the project at all times and shall be admitted to the offices of the Contractor for the project in the City if so provided by the Contractor for his own personnel.

SECTION 9 – MEASUREMENT AND PAYMENT

9-3 PAYMENT

9-3.2 Partial and Final Payment.

The text of Subsection 9-3.2 of the Standard Specifications is hereby deleted and replaced with the following:

The closure date for the purpose of making partial progress payments will be on or about the twenty-fifth (25th) day of each month. The Contractor shall prepare the approximate measurement of the work performed through the closure date and submit it to the AGENCY for approval along with an updated construction schedule.

When the work is complete, the Engineer will determine the final quantities of the work performed and prepare the final progress payment.

Payments are commonly authorized and made within forty five days following the last day of the month submitted. However, payments will be withheld pending receipt of any outstanding reports required by the contract documents. In addition, the final progress payment will not be released until the Contractor returns the control set of Plans and Specifications showing the as-built conditions and any other required documents.

A full five percent (5%) retention will be deducted from all progress payments. The final retention will be authorized for final payment thirty-five (35) days after the date of recordation of the Notice of Completion.

The Contractor, however, may receive interest on the retention for the length of construction, or receive the retention itself as long as the retention is substituted with escrow holder surety of equal value.

At the request and expense of the Contractor, surety equivalent to the retention may be deposited with the State Treasurer or a State or Federally chartered bank as the escrow agent, who shall pay such surety to the Contractor upon satisfactory completion of the contract.

Sureties eligible for investment shall include those listed in Section 16430 of the State Government Code or bank or savings and loan certificates of deposit.

Any escrow agreement entered into shall contain the following provisions:

- (a) The amount of surety to be deposited;
- (b) The terms and conditions of conversion to cash in case of default of the Contractor; and
- (c) The termination of the escrow upon completion of the contract.

9.3.3 Delivered Materials.

This subsection of the Standard Specifications is hereby replaced in its entirety by the following:

Materials and equipment delivered but not incorporated into the work will not be included in the estimate for progress partial payment.

SECTION 10 – CITY STANDARDS, STANDARD PLANS AND DRAWINGS

Section 10 is hereby added to the Standard Specifications as follows:

All public improvements, construction and dedications required and described in this manual shall conform to the standards and specifications of the City. Standards, Standard Plans and Drawings of the following agencies are used by the City of HUNTINGTON PARK and are part of the City's standards. Where there is ambiguity or conflict between standards over which standard shall apply, the City Engineer shall determine what shall apply, and his determination shall be final. All construction is subject to the approval of the City Engineer.

Standard Plans – Standard Plans for Public Works Construction, SPPWC, “Latest Edition and Supplement”.

Los Angeles County Public Works Department – Greybook and all plans except those modified or replaced by City Standards.

Los Angeles County Waterworks District - Applicable water.

Los Angeles County Flood Control District - Applicable storm drains.

Sanitation Districts of Los Angeles County - Applicable sewer and manholes.

State of California – California Department of Transportation (Caltrans) Standard Specifications and Standard Plans - Pavement markings and traffic loops.

City Standards - All applicable standard plans.

Standard Specifications - The latest edition of, and applicable amendments to, the “Standard Specifications for Public Works Construction (SSPWC).”

California Manual on Traffic Control Devices (CA-MUTCD), “Latest Edition”.

American Water Works Association (AWWA), “Latest Edition”.

SPECIAL PROVISION
PART 2 – BID ITEM DESCRIPTIONS

FOR

WATER MAIN REPLACEMENT PROJECT

**FY 2020/2021
PROJECT NO. 2019-07**

IN THE CITY OF HUNTINGTON PARK

Sections 3-2.2.2 “Increase of more than 25 percent” and 3-2.2.3 “Decrease of more than 25 percent” are hereby deleted. Payments for all bid Items shall be based on field measurements at the contract bid price and no additional payment shall be allowed.

The Contractor shall mobilize to start the project after the notice to proceed is given by the Agency. The agency shall be counting the working days from said date.

Bid Item No. 1 – Mobilization/Demobilization (Not to exceed 3% of total of all other Prime Contract Bid Items)

Mobilization shall conform to the provisions of Sections 9-3.4 of the Standard Specifications.

Mobilization and demobilization shall consist of preparatory work and operations including, but not limited to, those necessary for the movement of personnel, equipment, materials, and incidentals to and from the project site necessary for work on the project and for all other work and operations which must be performed or costs incurred including bonds, insurance, and financing prior to beginning work on the various contract items on the project site. Mobilization shall also include the time, materials, and labor to move the necessary construction equipment to and from the site, supervisory time on the job by the Contractor’s personnel to keep the construction site in a safe condition, and all other related work as required at all times and for all non-working days during the construction period. The Contractor is responsible for securing an adequate storage site for equipment and materials.

Demobilization includes removal of all equipment and materials from the site, clean up and restoration of the work site at the end of project. This bid item shall also include clearing and grubbing operations preceding and post construction consisting of removing all natural and artificial objectionable materials from the Right-of-Way in construction areas, road approaches and material sites. Clearing and grubbing shall conform to the provision of section 300-1 of the standard specifications.

Payment for Mobilization/Demobilization shall be included in the **Lump Sum (LS) Price** and shall be considered full compensation for obtaining all business licenses and permits, as required for the entire project, from all related agencies, including, but not limited to, utility companies, private and public agencies and the City of HUNTINGTON PARK; and complying with the

requirements specified in those licenses and permits; coordination, clearing and grubbing, and incidentals necessary to perform all related items of work. Progress payments for this bid item shall be paid for in accordance with the completion percentage of the project to the Contractor and shall include the cost of such mobilization administration during the entire contract period and demobilization. No additional compensation will be allowed therefor. The sum total of this Bid Item shall not exceed 3% of the total of all other Bid Items.

Bid Item No. 2 – Provide Traffic Control

Traffic Control, Traffic Control plan, construction signing and traffic maintenance shall comply with the provisions of Subsection 7-10 of the Standard Specification, Subsection 56-2 of the Caltrans Standard Specifications, and the current requirements set forth in the “Manual of Traffic Controls for Construction and Maintenance Work Zones” published by the Department of Transportation, State of California, and Manual on Uniform Traffic Control Devices (MUTCD), Latest Edition, by the Federal Highway Administration and California, the traffic control plans and these Special Provisions.

The Contractor shall maintain the following clearances from the edge of traffic lanes:

- 1) 5 feet to any excavation,
- 2) 2 feet to curbs or temporary concrete barriers,
- 3) 10 feet to poles and other obstructions on uncurbed roadways.

If determined by the Engineer that it is necessary to decrease these minimum distances to allow for the prosecution of the work, the Contractor shall provide all protective devices required by the Engineer to adequately protect the public.

PUBLIC CONVENIENCE

Within ten working days after the date of the Agency’s execution of the Contract Agreement the Contractor shall submit a proposed Construction Schedule for approval. Based on the approved project schedule, the Contractor shall notify residents and businesses of the proposed work and post temporary “NO PARKING” signs at no cost to the City. Signs shall be posted at all intersections, and on each side of the street a maximum of 200 feet between signs. Signs may not be attached to existing poles, street lights standards or trees. All signs must be posted on delineators or stakes provided by the Contractor. The “NO PARKING” signs shall be in place not less than seventy two (72) hours prior to performing the work; therefore a request for changes in the schedule requiring additional posting shall be submitted by the Contractor for approval by the Engineer at least seventy-two (72) hours prior to reconstruction and paving the street. All conflicting parking signage shall be covered.

Due to the nature of this project involving major inconvenience to residents and businesses, a good Public Relations Program is mandatory and evidence of satisfactory past performance in this area will be required.

The Contractor is to distribute two (2) "Public Notice" to each residence and business affected by the project. The first notice shall be distributed ten (10) calendar days prior to the start of any work. The second notice shall be distributed at least seventy two (72) hours prior to the start of work on a specific section of the street. A sample copy of the notice must be approved by the City.

Said notice shall be attached to a red information hanger provided by the Contractor and hung on the gate or front door know. The Contractor shall also coordinate with the bus services to ensure

the safe operation of buses and access to bus stops in the construction area. Notices shall be in English and Spanish languages.

The Contractor shall also coordinate with the street sweeping, trash disposal, HUNTINGTON PARK Bus Lines and postal services agencies to ensure the safe operation of their vehicle and access in the construction area.

All complaints received by the City associated with the construction project alleging damage to private property and vehicles shall be responded to by the Contractor within twenty-four (24) hours (one working day) of notification. Failure to comply with this provision may result in a penalty of One Hundred dollars (\$100.00) per occurrence.

All trucks, which the Contractor proposes to use, that exceed the legal load limit when loaded will be required to have overweight permits issued by the City.

The Contractor shall be responsible for adequate barricading of the work area and controlling of traffic in the vicinity of the project as specified in Subsection 7-10 of the General Provisions.

PROTECTION OF WORK AND PUBLIC

The Contractor shall take all necessary measures to protect work and prevent accidents during any and all phases of the work. The Contractor shall repair all damaged pavement as a result of vandalism (i.e., vehicle tracks, footprints, graffiti, etc.) If deemed necessary by the City, the Contractor shall repair the defective area in accordance with these special provisions.

No open trenches shall be allowed overnight without steel plates cover.

CONSTRUCTION SIGNING

Construction signing shall consist of furnishing, installing, maintaining and removing construction signs and barricades as required by the "California Manual on Uniform Traffic Control Devices", CA MUTCD. The traffic control system shall be installed on a road prior to starting work for that road and shall not be removed until all work has been completed on that road. Existing speed limit signs, which conflict with the work zone speed limit, shall be covered during the entire construction period. If any Traffic Control is required within a 100 ft from a signalized intersection, the contractor shall submit a Traffic Control Plan.

TRAFFIC MAINTENANCE

The Contractor shall be responsible for handling vehicular and pedestrian traffic in accordance with Subsection 7-10 of the Standard Specifications and these Special Provisions.

The Contractor shall prepare all necessary traffic control plans and submit to the City for approval at the pre-construction meeting. The traffic control plans shall be prepared by a California Licensed Traffic Engineer and shall show:

1. Notification Signs.
2. Existing and temporary lane lines.
3. Dimensions of the work zone and street improvements.
4. Advance warning signs.
5. Delineators

The plans shall be submitted to the City at the preconstruction meeting prior to commencing work and shall incorporate a complete and separate plan for each stage of construction proposed by the Contractor. This plan shall indicate the sequence of lanes or portions of lanes being closed for each phase. The traffic control plans shall indicate the travel plan for each phase of construction. The traffic control plans shall state:

1. That the plan will conform to "California Manual on Uniform Traffic Control Devices", CA-MUTCD.
2. Emergency contact person and phone number.
3. Minimum lane widths and minimum clearance to obstructions.

The traffic control plan shall be approved by the City Engineer prior to beginning any removals.

The Contractor shall cooperate with the City Engineer relative to handling traffic through all work areas and shall make his own arrangements relative to keeping the working area clear of parked vehicles and maintaining clear access to driveways.

The Contractor shall furnish and install construction notification signs as shown on traffic control plans and as specified by the City of HUNTINGTON PARK.

The Contractor shall provide for controlled pedestrian crossings through the work. Crossings shall provide pedestrians a means of passing over or through the work without tracking tack coat or hot asphalt concrete or P.C.C. work or endangering pedestrian safety. All temporary pedestrian crossings shall be in compliance with the latest Americans with Disabilities Act design standards and supplements.

At intersections, if a cross road needs to be temporarily closed when work is in progress through the intersection and the anticipated traffic delay is more than five (5) minutes, a detour sign shall be installed on the cross street and shall include the installation of advance signing displaying the anticipated delay time. The signing of the detour route shall be approved by the Engineer prior to installation of the detour and closure of the road.

The Contractor shall provide for one lane of travel in each direction at all times unless approved by the Engineer. When two-way traffic is restricted to one lane in each direction, and when applying paving past intersecting roads, traffic shall be controlled as required by the "California Manual on Uniform Traffic Control Devices", CA-MUTCD. A pilot car and driver will be required at various locations if control by flaggers and/or control devices proves deficient in the opinion of the Engineer. In no case shall the Contractor provide less than one (1) lane of travel in each direction through the construction zone including cross-streets.

Contractor's equipment and personal vehicles of the Contractor's employees shall not be parked on the traveled way at any time. Overnight parking of construction equipment shall be confined to an approved storage site selected by the Contractor and approved by the City. Contractor may submit a request to the City to allow overnight parking of construction equipment at the construction site, the City may or may not approve such request, on a case by cases basis.

TEMPORARY GUIDE MARKERS

Temporary guide markers shall be portable Caltrans Standard Specifications approved delineators. Only one type of temporary guide marker shall be used on any road at any one time.

Temporary guide markers shall be placed adjacent to the edge of all vertical lips or excavations that exceed 3/4 inches. If the temporary guide markers are damaged, or are not in an up-right position, from any cause, said markers should immediately be replaced or restored to their original locations, in an upright position by the Contractor.

PORTABLE DELINEATORS

The vertical portion of the portable delineators shall be brilliant orange or predominantly orange in color. The posts shall not be less than 100 square inches, measured through the vertical axis of the delineator, normal to the roadway. The minimum height shall be thirty-seven (37) inches above the traveled way.

Two 4-inch nominal width reflective bands shall be mounted a minimum of 1 ½ inches apart and at a height on the post so that one reflective band will be between 2.5 feet and 3 feet above the roadway surface.

Reflective bands shall be flexible vinyl plastic, either white or yellow, and shall have not less than the following dry reflective values at a 0.2 degree divergence angle, expressed I units if candlepower per foot-candle per square foot. The wet reflective values shall not be less than ninety percent (90%) of the dry values.

Dry Reflective Value

<u>Angle of Incidence</u>	<u>4°</u>	<u>5°</u>	<u>30°</u>
White	250	165	50
Yellow	10	110	50

All tests for reflective values shall be performed in accordance with California Test Method No. 642.

The portable delineators shall be spaced as necessary for proper delineation; however, in no case shall the spacing between portable delineators exceed thirty (30) feet on tangents or twenty (20) feet on curves.

FLUORESCENT TRAFFIC CONES

Provide lighted flashers and lighting for night time. Traffic cones shall be fluorescent new or reconditioned and of good commercial quality, flexible material suitable for the purpose intended. The outer section of the portion above the base of the cone shall be highly pigmented fluorescent orange polyvinyl compound. The overall height of the cone shall be anchored in a manner such that the traffic cone will remain in an upright position.

The fluorescent traffic cones shall be spaced as necessary for proper delineation; however, in no case shall the spacing between fluorescent cones exceed thirty (30) feet on tangents or twenty (20) feet on curves.

STRIPING

Temporary striping and marking for traffic control shall conform to Section 310-5.6.5 of the Standard Specifications. Temporary striping and marking which has no further use shall be removed by wet sandblasting, and all sand used in sandblasting shall be removed without delay as the sandblasting operation progresses.

RESTRICTIONS ON CLOSURE OF STREETS AND TRAFFIC LANES

The Contractor shall conduct all operations so as to provide access to the adjoining properties and have no greater length or quantity of work under construction that can be properly prosecuted with a minimum of inconvenience to the public.

The Contractor shall construct temporary A.C. ramps or equal to provide safe and drivable access to residents and business properties daily.

The Contractor shall coordinate with businesses. If steel plates are required, they shall be provided by the Contractor at no additional cost to the City.

The Contractor shall be responsible for furnishing, placing and maintaining barricades and lights as necessary to protect the public from danger due to the work being done.

No additional amounts shall be paid for erosion control, erosion damage clean-up, and removal of debris from the project site, NPDES requirements, or removal of soil deposited on public streets by construction traffic.

Payment for Providing Traffic Control shall be included in the **Lump Sum (LS) Price** base shall be considered full compensation for providing safe traffic control, preparing and providing traffic control plan during the project, temporary striping, obtaining all approvals and permits, as required, from all related agencies, including, but not limited to, public agencies and the City of HUNTINGTON PARK; and complying with the requirements specified in those licenses and permits, coordination,; and incidentals necessary to perform all related items of work.

Bid Item No. 3 – Cold Mill Existing Asphalt Concrete Pavement (1” Deep)

Bid Item No. 4 – Cold Mill Existing Asphalt Concrete Pavement (2” Deep)

Cold milling shall conform to the provisions of Section 302-1 of the Standard Specifications for Public Works Construction. The Contractor shall cold mill existing asphalt concrete (AC) pavement to the depth required for the placement of new pavement as shown on the plans. All work shall be completed in accordance with lines and grades, and typical cross-sections shown on the drawings. Any extra cold milling beyond the shown limits shall be at the Contractor's expense.

All existing asphalt concrete (AC) pavement to join new construction shall be sawcut in a straight line. A clean sawcut edge shall be maintained until surface course AC is constructed. Under this item, the use of a grinder will not be allowed in lieu of power-driven saw. Contractor shall exercise due caution to avoid any damage to existing improvements, protecting in-place of existing water mains, sewers, storm drains, meters, valve covers, wall, fences, curbs, fire hydrants, telephone and power poles, and other existing structures.

It is the Contractor's responsibility to perform whatever additional exploration is necessary to avoid causing any damage to the existing utilities under the work area. Any damage done by the Contractor shall be repaired or replace as called out in Section 7-9 of the Standard Specifications for Public Works Construction at the Contractor's expense.

During the cold milling operation, the Contractor shall remove all loosened materials from milled areas, haul away and dispose of them at a legal site as specified in Sub-section 300-1.3 of Standard Specifications for Public Works Construction and submit evidence of the proper disposal to the City Engineer. The Contractor shall abate dust nuisance by cleaning, sweeping, and sprinkling with recycled water (if available) or other means as necessary. Contractor shall provide temporary asphalt ramps at all intersection and grinding limits. The cost of temporary ramps shall be included in this Bid Item.

All existing utility covers that can be lowered and raised shall be lowered prior to cold milling/removal and adjusted to finished grade by the Contractor or the Utility Owner. The Contractor shall contact the utility or substructure owner organizations to arrange for adjustment of their respective facilities a minimum of two (2) working days prior to paving operations in accordance with Section 301-1.6 of the Standard Specifications.

The ground AC may or may not contain Petromat and/or Macadam; if said material is found in the grinding operation no adjustments on the Bid price shall be made. Coring and boring on Cudahy Street have shown petromat within the section to be cold mill.

Crack Sealing (Not a Bid item)

After the completion of the cold milling operation, ¼" wide cracks and larger shall be cleaned by hot air blow to provide intact bonding surfaces which are free of moisture and debris. After the cracks have been properly cleaned, they shall be sprayed with an approved soil sterilant, and then filled with SS-1H asphaltic emulsion and sanded. Cracks and pop-outs larger than 1" wide shall be sealed with a D2-SC-800 stockpile mix.

Payment for Cold Milling of Existing Asphalt Concrete (AC) Pavement shall be at the contract unit price per **Square Foot (SF)** and considered full compensation for furnishing labor, materials, equipment, sawcutting, removals, cold milling, hauling and disposal of asphalt concrete materials, crack sealing and no additional compensation will be allowed therefore.

Bid Item No. 5 – Remove and Construct Concrete Sidewalk

This Bid Item shall include all labor, material and equipment required to sawcut, remove, haul away and properly dispose of existing concrete sidewalk and sub-grade compaction, and to construct new concrete sidewalk for the project. Removal of concrete sidewalk as shown on the Contract Drawings shall conform to Subsections 300-1.3.2 (b and c) of the Standard Specifications for Public Works Construction.

Sawcutting shall be accomplished by the use of a power driven saw. The depth of the cut shall be deep enough to provide a clean, straight break without loosening, cracking, or damaging adjoining asphalt or concrete. A clean sawcut edge shall be maintained until new concrete sidewalk is constructed. The exact location of sidewalk removal shall be approved by the City Inspector in the field. Generally sawcuts shall be on existing joints or score mark.

All necessary sawcutting of existing concrete sidewalks shall be to the lines as required by the City Inspector. Sawcutting shall be included in the unit price of this bid item and no further compensation shall be made.

This item shall include root clearing and/or tree root removal of the sections immediately adjacent and underneath sidewalk in order to bring new sidewalk to final finish grade. Full compensation for root clearing and tree root removal shall be included in the unit price of sidewalk and no further compensation shall be made.

All existing improvements including Fence/Wall/Gates/Plants/Grass/Trees/Irrigation Systems/etc. that might be damaged during construction should be videotaped and it is Contractor's responsibility to protect all existing adjacent features such as landscaping, irrigation system, property's fence/wall/gates, curb and gutter, pull boxes, utility boxes, and etc. in place per section 300-1.2 of Standard Specifications for Public Works Construction. All damages to these items shall be repaired to the satisfaction of City Engineer without any additional compensation. All materials to be removed as indicated on the plans shall be disposed of at a legal site as specified in subsection 300-1.3 of the Standard Specifications for Public Works Construction.

Construction of new concrete sidewalk shall conform to the provisions of Section 303-5 of the Standard Specifications for Public Works Construction, Standard Plans for Public Works Construction and the Street Improvement Plans made part of these Specifications. Concrete shall be Class 520-C-2500 as specified in Section 201-1.1.2 of the Standard Specifications for Public Works Construction. Concrete sidewalk shall be a minimum 4" thick, except behind commercial driveway approaches where a minimum of 6" thick shall apply, per the Standard Plans for Public Works Construction 112-2 and 113-2.

Concrete sidewalk shall be constructed to the line, grades and designs shown on the plans or as ordered by the City Engineer. Existing surfaces to be joined shall be Sawcut on a neat, straight line at the join location. The Contractor shall remove and replace any new concrete work with graffiti markings and blemishes at no additional cost to the City.

Payment for concrete sidewalk shall conform to the provisions of Subsection 303-5.9 of the Standard Specifications for Public Works Construction.

Payment for Remove and Construct Concrete Sidewalk shall be at the contract unit price per **Square Foot (SF)** and shall be considered full compensation for complying with the above requirements and shall include furnishing of labor, materials, equipment, sawcutting, removal, excavation, hauling, properly disposing, protection of facilities, grading, compaction, forming, pouring, restoration and incidentals for doing all the work involved complete in place and no additional compensation will be allowed.

Bid Item No. 6 – Remove and Construct Residential Concrete Driveway Approach

This Bid Item shall include all labor, material and equipment required to sawcut, remove, haul away and properly dispose of existing concrete driveway and related adjacent areas needed to construct a new driveway. Removal of concrete driveway approach as shown on the plans in conformance to Subsection 300-1.3.2 (b and c) of the Standard Specifications for Public Works Construction and the rules outlined herein about endeavoring to maintain operational access of a driveway.

Sawcutting shall be accomplished by the use of a power-driven saw. The depth of the cut shall be deep enough to provide a clean, straight break without loosening, cracking, or damaging adjoining asphalt or concrete. A clean sawcut edge shall be maintained until new concrete Driveway is constructed. Generally, sawcuts shall be on existing joints or score mark.

All necessary sawcutting of existing concrete driveway approach shall be to the lines shown on plans. Sawcutting shall be included in the unit price of this bid item and no further compensation shall be made. All materials to be removed as indicated on the plans shall be disposed of at a legal site as specified in subsection 300-1.3 of the Standard Specifications for Public Works Construction. Per Standard Plan 110-2 for Driveway aprons, Curb and Gutter adjacent to apron is included as part of the apron as a square foot quantity.

Construction of new concrete driveway approach, including adjacent curb and/or gutter, shall conform to the provisions of Section 201-1 of the Standard Specifications for Public Works

Construction and shall be placed in accordance with Section 303-5 of the Standard Specifications for Public Works Construction. Residential concrete driveway approach shall be 4" thick, commercial concrete driveway approach shall be 6" thick per Standard Plans for Public Works Construction 110-2 type A and concrete shall be class 520-C-2500 as specified in section 201-1.1.2.

Concrete driveway approach shall be constructed to the line, grades and design shown on the plans or as ordered by the Engineer. The Contractor shall remove and replace any new concrete work with graffiti markings and blemishes at no additional cost to the City.

Payment for Remove and Construct Concrete Driveway Approach shall be at the contract unit price per **Square Foot (SF)** and shall be considered full compensation for complying with the above requirements and shall include furnishing of labor, materials, equipment, sawcutting, removal, excavation, hauling, properly disposing, protection of facilities, grading, compaction, forming, pouring, restoration and incidentals for doing all the work involved complete in place and no additional compensation will be allowed.

Payment for one-foot wide AC pavement strip along the curb and gutter shall be included in this bid item of work and no additional compensation will be allowed.

Bid Item No. 7 – Remove and Construct Concrete Cross Gutter

This Bid Item shall include all labor, material and equipment required to sawcut, remove, haul away, properly dispose of existing concrete gutter or portion thereof, compaction and construction of new concrete cross gutter. Removal of concrete gutter as shown on the Contract Drawings, shall conform to Subsection 300-1.3.2 (c) of the Standard Specifications for Public Works Construction.

Sawcutting shall be accomplished by the use of a power-driven saw. The depth of the cut shall be deep enough to provide a clean, straight break without loosening, cracking, or damaging adjoining asphalt or concrete. A clean sawcut edge shall be maintained until new concrete gutter is constructed. The exact location of cross gutter removal shall be approved by the City Engineer in the field. Generally, sawcuts shall be on existing joints or score mark.

All necessary sawcutting of existing concrete gutter shall be to the lines as required by the City Engineer. Sawcutting shall be included in the unit price of this bid item and no further compensation shall be made. All materials to be removed as indicated on the plans shall be disposed of at a legal site as specified in subsection 300-1.3 of the Standard Specifications for Public Works Construction.

Construction of concrete cross gutter shall conform to the provisions of Section 201-1 of the Standard Specifications for Public Works Construction and shall be placed in accordance with Section 303-5 of the Standard Specifications for Public Works Construction. Concrete cross gutter shall be per Standard Plans for Public Works Construction 122-2, concrete class shall be class 520-C-2500.

Concrete cross gutter shall be constructed to the line, grades and design shown on the plans, to match existing or as ordered by the Engineer. The Contractor shall remove and replace any new concrete work with graffiti markings and blemishes at no additional cost to the City.

Payment for concrete cross gutter shall conform to the provisions of Subsection 303-5.9 of the Standard Specifications for Public Works Construction. 6" thick compacted Crushed Miscellaneous Base (CMB) under the cross gutter shall be paid under a separate Bid Item.

Payment for Remove and Construct Concrete Cross Gutter shall be at the contract unit price per **Square Foot (SF)** and shall be considered full compensation for complying with the above requirements and shall include furnishing all labor, materials, tools, equipment, sawcutting, removal, excavation, hauling, properly disposing, protection of facilities, grading, sub-grade compaction, restoration backfilling, grading, compacting, forming, removing and replacing AC for forming purposes, pouring, finishing, hauling, proper disposing, and incidentals for doing all the work involved complete in place and no additional compensation will be allowed therefor.

Payment for one-foot wide strip of AC pavement along the cross gutter for forming is included in this bid item and no additional compensation will be allowed.

Bid Item No. 8 – Remove and Construct Concrete Local Depression

This Bid Item shall include all labor, material and equipment required to sawcut, remove, haul away, properly dispose of existing concrete local depression, compaction, and construction of new concrete local depression. Removal of concrete local depression as shown on the Contract Drawings, shall conform to Subsection 300-1.3.2 (c) of the Standard Specifications for Public Works Construction. Construction of concrete local depression shall conform to the provisions of Section 201-1 of the Standard Specifications for Public Works Construction and shall be placed in accordance with Section 303-5 of the Standard Specifications for Public Works Construction. Concrete local depression shall be per Standard Plans for Public Works Construction 313-3, concrete class shall be 520-C-2500.

Sawcutting shall be accomplished by the use of a power driven saw. The depth of the cut shall be deep enough to provide a clean, straight break without loosening, cracking, or damaging adjoining asphalt or concrete. A clean sawcut edge shall be maintained until new concrete local depression is constructed. The exact location of local depression removal shall be approved by the City Engineer in the field. Generally sawcuts shall be on existing joints or score mark.

All necessary sawcutting of existing concrete local depression shall be to the lines as required by the City Engineer. All materials to be removed as indicated on the plans shall be disposed of at a legal site as specified in subsection 300-1.3 of the Standard Specifications for Public Works Construction. Sawcutting shall be included in the unit price of this bid item and no further compensation shall be made.

Payment for one-foot (1') wide strip of AC pavement adjacent to the edge of local depression for the placement of a new local depression is included in this bid item and no additional compensation will be allowed.

Concrete local depression at catch basin shall be constructed over 6" CMB to the lines, grades and design shown on the plans, to match existing or as ordered by the Engineer. Existing surfaces to be joined shall be sawcut on a neat, straight line at the join location. The Contractor shall remove and replace any new concrete work with graffiti markings and blemishes at no additional cost to the City.

Payment for concrete local depression shall conform to the provisions of Subsection 303-5.9 of the Standard Specifications for Public Works Construction. 6" thick compacted Crushed Miscellaneous Base (CMB) under local depression shall be paid under a separate Bid Item.

Payment for Remove and Construct Concrete Local Depression shall be at the contract unit price per **Square Foot (SF)** and shall include full compensation for furnishing all labor, materials, tools, equipment, backfilling, grading, compacting, forming, removing and replacing AC for forming purposes, pouring, finishing, hauling, proper disposing, and incidentals for doing all the work involved complete in place and no additional compensation will be allowed therefor.

Payment for one-foot wide strip of AC pavement along the local depression for forming is included in this bid item and no additional compensation will be allowed.

Bid Item No. 9 – Remove and Construct Concrete Curb and Gutter Type A2-6 (150)

This Bid Item shall include all labor, material and equipment required to sawcut, remove, haul away, properly dispose of existing concrete curb and/or gutter and construct new concrete curb and/or gutter for the project. Removal of concrete curb and/or gutter as shown on the Contract Drawings, shall conform to Subsection 300-1.3.2 (c) of the Reference Specification of the Standard Specifications. Construction of new concrete curb and/or gutter shall conform to the provisions of Section 303-5 of the Standard Specifications for Public Works Construction, Standard Plans for Public Works Construction and the Street Improvement Plans made part of these Specifications. Concrete shall be Class 520-C-2500 as specified in Section 201-1.1.2 of the Standard Specifications for Public Works Construction. Concrete curb and gutter shall be per Standard Plans for Public Work Construction, Standard Plan 120-2 type A2-6(150), W= 2', over 6" CMB or per City Engineer's instruction. Concrete curb shall be per Standard Plans for Public Work Construction, Standard Plan 120-2 type A2-6(150) over 6" CMB or per City Engineer's instruction.

Concrete curb and gutter shall be constructed to the line, grades and design shown on the plans or as ordered by the City Engineer. Existing curb and gutter to be joined shall be Sawcut on a neat, straight line at the join location. The Contractor shall remove and replace any new concrete work with graffiti markings and blemishes at no additional cost to the City. Work shall include replacement of any AC removed to provide space for forming at no additional cost to the City.

Payment for concrete curb and gutter shall conform to the provisions of Subsection 303-5.9 of the Standard Specifications for Public Works Construction. 6" thick compacted Crushed Miscellaneous Base (CMB) under the curb and gutter shall be paid under a separate Bid Item.

Payment for Remove and Construct Concrete Curb Type A2-6(150) and Gutter shall be at the contract unit price per **Linear Foot (LF)** and shall include full compensation for furnishing all labor, materials, tools, equipment, backfilling, grading, compacting, forming, pouring, finishing, hauling, properly disposing, and incidentals for doing all the work involved complete in place and no additional compensation will be allowed therefor.

Payment for one-foot wide AC Pavement strip along the curb and gutter shall be included in this bid item of work and no additional compensation will be allowed.

Bid Item No. 10 – Remove and Construct Concrete Curb Ramp

This Bid Item shall include all labor, material and equipment required to sawcut , remove, haul away, properly dispose of existing concrete curb ramp, adjacent sidewalk, curb and/or gutter, paving as required for forming, planting area, base, native and all existing improvements to provide clear area for construction of new curb ramp. Removal of concrete curb ramp as shown on the Contract Drawings shall conform to Subsection 300-1.3.2 (b and c) and 300-2 of the Standard Specifications for Public Works Construction.

Sawcutting shall be accomplished by the use of a power-driven saw. The depth of the cut shall be deep enough to provide a clean, straight break without loosening, cracking, or damaging adjoining asphalt or concrete. A clean Sawcut edge shall be maintained until new concrete curb ramp is constructed. The exact location of curb ramp removal shall be approved by the City Engineer in the field. Generally, sawcut s shall be on existing joints or score mark. Sawcutting shall be included in the unit price of this bid item and no further compensation shall be made.

All materials to be removed as indicated on the plans shall be disposed of at a legal site as specified in subsection 300-1.3 of the Standard Specifications for Public Works Construction.

Construction of new concrete curb ramp shall conform to the provisions of Section 201-1 of the Standard Specifications for Public Works Construction and shall be placed in accordance with Section 303-5 of the Standard Specifications for Public Works Construction. Concrete curb ramp shall be per Standard Plans for Public Works Construction, Standard Plan 111-5, case and type per plans or per City Engineer's instruction. Concrete class shall be 520-C2500

Concrete Curb Ramp shall be constructed to the line, grades and design shown on the plans or as ordered by the Engineer. Existing surfaces to be joined shall be Sawcut on a neat, straight line at the join location. The Contractor shall remove and replace any new concrete work with graffiti markings and blemishes at no additional cost to the City. Truncated, detectable warning surface shall be yellow and 4' wide and 3' long minimum. A sample of material shall be approved by the City Engineer prior to installation. Installation shall be by anchoring truncated dome to concrete,

means of installation shall be approved by the engineer prior to placement of curb ramp. Provision and installation of truncated detectable warning surface is a part of curb ramp construction and no further compensation will be allowed.

Payment for concrete curb ramp shall conform to the provisions of Subsection 303-5.9 of the Standard Specifications for Public Works Construction.

Payment for Remove and Construct Concrete Curb Ramp shall be at the contract unit price per **Each (EA)**, and shall include full compensation for complying with the above requirements and shall include furnishing all labor, materials, tools, equipment, saw cutting, removal, excavation, hauling, properly disposing, protection of facilities, backfilling, grading, subgrade compaction, forming, pouring, finishing, restoration, and incidentals for doing all the work involved complete in place and no additional compensation will be allowed.

Payment for one-foot wide AC pavement strip along the curb and gutter shall be included in this bid item of work and no additional compensation will be allowed.

Bid Item No. 11 – Remove and Construct AC Speed Bump

This Bid Item shall include all labor, material and equipment required to sawcut, remove, haul away, properly dispose of existing AC pavement speed bump and to construct asphalt concrete Speed Bump for the project. Removal of AC and underlying materials as shown the Contract Drawings shall conform to Subsection 300-1 and 300-2 of the Standard Specifications for Public Works Construction.

Sawcutting shall be accomplished by the use of a power-driven saw. The depth of the cut shall be deep enough to provide a clean, straight break without loosening, cracking, or damaging adjoining asphalt or concrete. A clean sawcut edge shall be maintained until new pavement is constructed.

All necessary sawcutting of AC or any underlying existing improvements shall be to the lines as shown on plans or as directed by the City Engineer. Sawcutting shall be included in the unit price and no further compensation shall be made.

Asphalt Concrete Speed Bump shall conform to the provisions of Sections 302-5 and 400-4 of the Standard Specifications for Public Works Construction. Asphalt concrete for speed bump shall be Type C2-PG 64-10 and per Asphalt Concrete section of this Specification.

Asphalt Concrete Speed Bump shall be constructed at the specified location on the plans and confirmed with the engineer prior to placement and shall be same dimensions and height and to the line, grades and design shown on the plans or as ordered by the Engineer. Contractor shall cold mill existing AC Surface to a minimum of 1.5" for correct binding of AC Speed Bump. Tack coat shall be Grade SS-1H, per Section 302-5.4 and shall be applied to the perimeter of all AC removal and replacement locations and cold milling locations. (All tack coat overspray on gutter lip shall be removed.)

Payment for Remove and Construct AC Speed Bump shall be at the contract unit price per **Each (EA)** and shall be considered full compensation for complying with the above requirements. Furnishing of labor, materials, equipment, sawcutting, removal, excavation, hauling, properly disposing, protection of facilities, grading, sub-grade compaction, restoration and incidentals for doing all the work involved complete in place and no additional compensation will be allowed.

Bid Item No. 12 – Remove and Install New Post for Sign

This Bid Item shall include all labor, material and equipment required to remove, haul away, properly dispose of existing sign, post, footing, base, sub base, its appurtenance and native soil to provide clear area to install new sign and post. Removal of existing sign, post and underlying materials as shown on the Contract Drawings shall conform to Subsection 300-1, 300-2 and 300-3 of the Standard Specifications for Public Works Construction.

New signs shall be installed using metal posts set, the depth of the concrete footings shall be sufficient to extend at least 6-inches below the bottom of the posts. ¼-inch expansion paper shall be placed between the sign foundation and sidewalk, except as specified otherwise, the metal post shall be “kick-punch.” The length of the metal post shall be sufficient to extend from the top of the sign to 30-inches below the top of the concrete footing and provide a 7-foot clearance between the finished grade and the bottom of the sign.

All signs facing shall be manufactured of Diamond Grade Fluorescent VIP Sheeting. All signs shall have an anti-graffiti film coating.

The date of installation of a sign is to be embossed on the back of the sign and shall be considered as the start of the warranty period. “Property of Huntington Park” should also be embossed on the back of the sign.

No signs will be allowed on traffic signal poles, unless otherwise shown on the plans. Contractor shall remove, replace, or install signs mounted on traffic signal mast arms.

All signs placed within the public right-of-way shall be installed using the following guidelines:

No signs shall be placed on wood poles at any time.

When two (2) or more signs are to be installed using the same post, the larger (wide) signs shall be mounted on top of a sign combination.

No sign shall have an outside edge further than the back of curb.

Bottom of sign shall be at seven foot (7') minimum over sidewalk.

Sign panel facing shall be perpendicular to approaching traffic unless otherwise specified by the Engineer.

Sign post shall be 10 feet channel type.

Signs shall be mounted on posts in a good workmanship manner using metal hardware suitable for the type of installation made.

Installation materials shall be of stainless steel and theft proof.

Signs shall be kept a minimum distance of fifteen feet (15') from trees, power poles, etc. Signs shall be kept far away from trees so that tree growth will not obstruct the visibility of the traffic sign.

Sign posts shall be installed eighteen inches (18') behind curb face. Sign posts installed within the sidewalk must maintain a minimum of four-feet (4') horizontal clearance for pedestrians.

All signs shall be standard size and reflectorized color as specified in the California Manual on Uniform Traffic Control Devices (CA-MUTCD) latest edition, unless otherwise shown on the plans.

All new signs and posts shall be anti-graffiti coated.

Marker and delineators shall conform to the provision in Section 82, "Markers and Delineators."

Payment for Remove and Install New Post for Sign shall be at the contract unit price per **Each (EA)** and shall be considered full compensation for complying with the above requirements. Furnishing of labor, materials, equipment, sawcutting, removal, excavation, hauling, properly storing, protection of facilities, backfill, grading, sub-grade compaction, restoration and incidentals for accomplishing the work complete and in place and no additional compensation will be allowed

Bid Item No. 13 – Remove and Relocate Existing Post and Salvaged Sign

This Bid Item shall include all labor, material and equipment required to remove, haul away, properly dispose of existing post, footing, base, sub base, its appurtenance and native soil and relocate to new clear area per plans to install new post and salvaged sign(s). Removal of existing sign, post and underlying materials as shown on the Contract Drawings shall conform to Subsection 300-1, 300-2 and 300-3 of the Standard Specifications for Public Works Construction.

No sign shall have an outside edge further than the back of curb.

Bottom of sign shall be at seven foot (7') minimum over sidewalk.

Payment for Remove and Relocate Existing Post and Salvaged Sign shall be at the contract unit price per **Each (EA)** and shall be considered full compensation for complying with the above requirements. Furnishing of labor, materials, equipment, sawcutting, removal, excavation, hauling, properly storing, protection of facilities, backfill, grading, sub-grade compaction, restoration and incidentals for accomplishing the work complete and in place and no additional compensation will be allowed

Bid Item No. 14 – Prune Tree Roots and Install Root Barriers

Work under this section shall include but shall not be limited to, sawcutting, removal, clearing and disposal of tree stumps and roots as shown on Contract Drawings, Standard Plans for Public Works Construction, Standard Plan for Public Works Construction 523-2, and shall conform to Subsection 300-1 of the Standard Specifications for Public Works Construction. Contractor shall root prune the roots of trees as directed by City Engineer and install root barriers.

Prior to any work on any tree the Contractor shall provide a Certified Arborist to assure the pruning of tree roots should not cause the tree to die or compromising the stability of the tree.

Payment for Prune Tree Roots and Install Root Barriers shall be at the contract unit price per **Each (EA)** and shall include full compensation for furnishing all labor, materials, tools, equipment, sawcutting, removals including stumps and roots, hauling, properly disposing, and incidentals and for doing all the work involved complete in place, as shown on the drawings and directed by the City Engineer, for doing all the work involved complete in place and no additional compensation will be allowed.

Bid Item No. 15 – Provide and Place 6” Crushed Miscellaneous Base (CMB)

Crushed Miscellaneous Base (CMB) shall be in conformance with the requirements specified in Section 200-2.4 for untreated base material of the Standard Specifications and shall be placed and compacted per plans and specifications and per Section 301 of Standard Specifications for Public Works Construction.

Payment for placing crushed miscellaneous base shall conform to the provisions of Subsection 301-2.4 of the Standard Specifications for Public Works Construction. Compacted Crushed Miscellaneous Base (CMB) under the concrete improvements items shall be paid under this Bid Item.

Payment for Provide and Place 6” Crushed Miscellaneous Base (CMB) shall be at the contract unit price per **Ton (TON)** shall include full compensation for furnishing all labor, materials, tools, equipment, backfilling, grading, compacting, finishing, hauling, disposing, and incidentals and for doing all the work involved complete in place and no additional compensation will be allowed therefor.

Bid Item No. 16 – Construct 1” Thick AC Leveling Course (C2-PG 64-10)

This Bid Item shall include all labor, material and equipment required to construct asphalt concrete leveling course. AC leveling course shall be 1” thick Type C2-PG 64-10, as shown on the plans and as specified in Section 203-1 of the Standard Specifications for Public Works Construction and shall conform to the following:

Composition and Grading shall be per Section 203-6.4 of the Standard Specifications for Public Works Construction. The Contractor shall submit a copy of the asphalt concrete mix design, a

sample of the asphalt concrete, a sample of the aggregate, and a sample of the paving asphalt (AR or PG) to the City or its designated laboratory a minimum of two weeks prior to the start of construction. The Contractor shall use a PG Asphalt Binder.

All work shall conform to Section 302-5 of the "Standard Specifications for Public Works Construction" and these Special Provisions.

All materials are subject to testing under separate Bid Item.

Tack coat shall be Grade SS-1H, per Section 302-5.4 and shall be applied to the perimeter of all AC removal and replacement locations and cold milling locations. (All tack coat overspray on gutter lip shall be removed.)

The Contractor shall use a PG Asphalt Binder.

PG Asphalt binder shall conform to the following requirements:

1. Description

Asphalt shall consist of refined petroleum or a mixture of refined liquid asphalt and refined solid asphalt, prepared from crude petroleum. Asphalt shall be:

A. Free from residues caused by the artificial distillation of coal, coal tar, or paraffin.

B. Free from water.

C. Homogeneous.

2. Materials

A. General

The Contractor shall furnish asphalt in conformance with the State of California Department of Transportation (Caltrans) "Certification Program for Suppliers of Asphalt." Caltrans maintains the program requirements, procedures, and a list of approved suppliers can be obtained from (Caltrans).

The Contractor shall ensure the safe transportation, storage, use, and disposal of asphalt. The Contractor shall prevent the formation of carbonized particles caused by overheating asphalt during manufacturing or construction.

B. Grades

Performance graded (PG) asphalt binder shall be PG 64-10 and conform to the following:

Performance Graded Asphalt Binder

Property	AASHTO Test Method	Specification Grade				
		PG 58-22 ^a	PG 64-10	PG 64-16	PG 64-28	PG 70-10
Original Binder						
Flash Point, Minimum °C	T48	230	230	230	230	230
Solubility, Minimum % ^b	T44	99	99	99	99	99
Viscosity at 135°C, ^c Maximum, Pa's	T316	3.0	3.0	3.0	3.0	3.0
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G*/sin(delta), kPa	T315	58 1.00	64 1.00	64 1.00	64 1.00	70 1.00
RTFO Test ^e , Mass Loss, Maximum, %	T240	1.00	1.00	1.00	1.00	1.00

RTFO Test Aged Binder						
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G*/sin(delta), kPa	T315	58 2.20	64 2.20	64 2.20	64 2.20	70 2.20
Ductility at 25°C Minimum, cm	T51	75	75	75	75	75
PAV ^f Aging, Temperature, °C	R28	100	100	100	100	100

RTFO Test and PAV Aged Binder						
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G*/sin(delta), kPa	T315	22 ^d 5000	31 ^d 5000	28 ^d 5000	22 ^d 5000	34 ^d 5000
Creep Stiffness, Test Temperature, °C Maximum S-value, MPa Minimum M-value	T313	-12 300 0.300	0 300 0.300	-6 300 0.300	-18 300 0.300	0 300 0.300

Notes:

- Recommended as asphalt rubber base stock for high mountain and high desert area.
- The Engineer may waive this specification if the supplier is a Quality Supplier as defined by the Caltrans' "Certification Program for Suppliers of Asphalt."
- The Engineer may waive this specification if the supplier certifies the asphalt binder can be adequately pumped and mixed at temperatures meeting applicable safety standards.
- The sample will be tested at 3°C higher if it fails at the specified test temperature. G*/sin(delta) shall remain 5000 kPa maximum.
- "RTFO Test" means the asphaltic residue obtained using the Rolling Thin Film Oven Test, AASHTO Test Method T240 or ASTM Designation: D 2827.
- "PAV" means Pressurized Aging Vessel.

C. Sampling

The Contractor's asphalt supplier shall provide a sampling device in the asphalt feed line connecting the plant storage tanks to the asphalt weighing system or spray bar. The sampling device shall be accessible between 600 and 750 mm (30 inches) above the platform. The supplier shall provide a receptacle for flushing the sampling device.

The sampling device shall include a valve:

- 1) With a diameter between 10 and 20 mm.
- 2) Manufactured in a manner that a one-liter sample may be taken slowly at any time during plant operations.
- 3) Maintained in good condition.

The Contractor's supplier shall replace failed valves.

In the presence of the City Engineer, the Contractor's supplier shall take 2 one-liter samples per operating day. Round friction top containers with one-liter capacity for storing samples shall be provided.

D. Applying Asphalt

Unless otherwise specified, the Contractor shall heat and apply asphalt in conformance with the provisions in Caltrans Standard Specifications Section 93, "Liquid Asphalts."

The Contractor shall apply paving asphalt at a temperature between 120°C and 190°C. The City Engineer will determine the exact temperature of paving asphalt.

Subgrade preparation shall conform to Section 301-1 of the Standard Specifications for sections containing no aggregate base. After removal of the existing pavement section to the depths required to place the new AC section, re-compaction of the existing subgrade, if non-AC or non-PC, will be required to 95 percent in conformance with the requirements set forth in Section 301-1.3 of the Standard Specifications for Public Works Construction.

At all locations where new asphalt concrete pavement is joining existing asphalt pavement, the Contractor shall Sawcut or cold mill/grind existing pavement to provide straight neat lines and place the new asphalt concrete to form a smooth transition. Payment for Sawcut ting/grinding and removing the existing pavement shall be included in a separate Bid Item.

The Contractor shall be responsible for maintaining location of, and access to, all water line gate valves during construction operations.

Initial or breakdown compaction shall consist of a minimum of three roller passes coverage of a layer of asphalt mixture. A pass shall be a movement of a roller in both directions over the same path. Coverage shall be as many passes as are necessary to cover the entire width being paved. Overlap between passes during any coverage made to insure compaction without displacement of

material in accordance with good rolling practice shall be considered a part of the coverage being made and not a part of a subsequent coverage. Each coverage shall be completed before subsequent coverage is started. Pneumatic rollers shall not be used without prior approval of the City Engineer. The top AC layer of each lane, once commenced, shall be placed without interruption.

3. Measurement

The quantities of the asphalt concrete to be paid for will be measured by the actual tonnage (ton) of material and no additional compensation will be allowed therefor. The Contractor shall furnish to the City Engineer at the time of delivery of the material on the job site a legible copy of a Licensed Weighmaster's Certificate showing gross, tare, and net weights of each truckload of asphalt concrete mixture.

The City will not compensate the Contractor for any additional costs incurred by change or lack of availability of asphalt binders or variation of oil pipes.

Temporary asphalt concrete work where required by the City Engineer for traffic control or other purposes shall be considered included in the price bid for Traffic Control and no additional compensation will be allowed.

Tack Coat (Not a Bid item)

Existing concrete gutter and curb faces shall be protected against disfigurement from the asphalt. Residue of the material shall be removed from gutter and curb faces by sandblasting to the extent required by the Engineer.

The tack coat shall be applied as specified in Subsection 302-5.4 of the Standard Specifications and these Special Provisions. The Engineer will determine if the pavement is sufficiently dry for the application of the tack coat. Tack coat shall not be applied when the temperature of the surface to be tacked is below 40 degrees F in the shade.

No separate measurement and payment will be made for tack coat.

Payment for Construct 1" AC Leveling Course (C2-PG 64-10) shall conform to the provisions of Subsection 302-5.9 of the Standard Specifications for Public Works Construction. All the requirements stated above shall be included in the unit price bid per **TON**. The contract unit price per ton shall include full compensation for all surface preparation furnishing all labor, materials, tools, equipment, removals, disposal, certified weigh tickets, and incidentals and for doing all the work involved, including furnishing, applying and cleaning up excess rock dust blotter. The City will not compensate the Contractor for any additional costs incurred by change or lack of availability of asphalt binders. Temporary surface work where required by the City Engineer for traffic control or other purposes shall be considered included in the price bid for Traffic Control and no additional compensation will be allowed.

Bid Item No. 17 – Construct 1” Thick ARHM Overlay (C2-PG 64-10)

Bid Item No. 18 – Construct Variable Thickness ARHM Overlay (1” to 2” Thick) (C2-PG 64-10)

Asphalt concrete surface course shall be Asphalt Rubber Hot Mix, thickness as shown on the plans, ARHM-GG-C, wet process, as specified in Section 203-11 and 302-9 of the Standard Specifications for Public Works Construction and shall conform to the following:

Composition and Grading shall be per Section 203-11.3 of the Standard Specifications for Public Works Construction. The Contractor shall submit a copy of the asphalt concrete mix design, a sample of the asphalt concrete, a sample of the aggregate, and a sample of the paving asphalt (AR or PG) to the City or its designated laboratory a minimum of two weeks prior to the start of construction.

The Contractor shall use a PG Asphalt Binder.

PG Asphalt binder shall conform to the following requirements:

1. Description

Asphalt shall consist of refined petroleum or a mixture of refined liquid asphalt and refined solid asphalt, prepared from crude petroleum. Asphalt shall be:

- A. Free from residues caused by the artificial distillation of coal, coal tar, or paraffin.
- B. Free from water.
- C. Homogeneous.

2. Materials

A. General

The Contractor shall furnish asphalt in conformance with the State of California Department of Transportation (Caltrans) “Certification Program for Suppliers of Asphalt.” Caltrans maintains the program requirements, procedures, and a list of approved suppliers at: <http://www.dot.ca.gov/hq/esc/Translab/fpmcoc.htm>.

The Contractor shall ensure the safe transportation, storage, use, and disposal of asphalt.

The Contractor shall prevent the formation of carbonized particles caused by overheating asphalt during manufacturing or construction.

B. Grades

Performance graded (PG) asphalt binder shall be PG 64-10 and conform to the following:

Performance Graded Asphalt Binder

Property	AASHTO Test Method	Specification Grade				
		PG 58-22 ^a	PG 64-10	PG 64-16	PG 64-28	PG 70-10
Original Binder						
Flash Point, Minimum °C	T48	230	230	230	230	230
Solubility, Minimum % ^b	T44	99	99	99	99	99
Viscosity at 135°C, ^c Maximum, Pa's	T316	3.0	3.0	3.0	3.0	3.0
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G*/sin(delta), kPa	T315	58 1.00	64 1.00	64 1.00	64 1.00	70 1.00
RTFO Test ^e , Mass Loss, Maximum, %	T240	1.00	1.00	1.00	1.00	1.00
RTFO Test Aged Binder						
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G*/sin(delta), kPa	T315	58 2.20	64 2.20	64 2.20	64 2.20	70 2.20
Ductility at 25°C Minimum, cm	T51	75	75	75	75	75
PAV ^f Aging, Temperature, °C	R28	100	100	100	100	100
RTFO Test and PAV Aged Binder						
Dynamic Shear, Test Temp. at 10 rad/s, °C Minimum G*sin(delta), kPa	T315	22 ^d 5000	31 ^d 5000	28 ^d 5000	22 ^d 5000	34 ^d 5000
Creep Stiffness, Test Temperature, °C Maximum S-value, MPa Minimum M-value	T313	-12 300 0.300	0 300 0.300	-6 300 0.300	-18 300 0.300	0 300 0.300

Notes:

- Recommended as asphalt rubber base stock for high mountain and high desert area.
- The Engineer will waive this specification if the supplier is a Quality Supplier as defined by the Caltrans' "Certification Program for Suppliers of Asphalt."
- The Engineer will waive this specification if the supplier certifies the asphalt binder can be adequately pumped and mixed at temperatures meeting applicable safety standards.

- d. The Department will test the sample at 3°C higher if it fails at the specified test temperature. $G^*\sin(\delta)$ shall remain 5000 kPa maximum.
- e. "RTFO Test" means the asphaltic residue obtained using the Rolling Thin Film Oven Test, AASHTO Test Method T240 or ASTM Designation: D 2827.
- f. "PAV" means Pressurized Aging Vessel.

C. Sampling

The Contractor shall provide a sampling device in the asphalt feed line connecting the plant storage tanks to the asphalt weighing system or spray bar. The sampling device shall be accessible between 600 and 750 mm above the platform. The Contractor shall provide a receptacle for flushing the sampling device.

The sampling device shall include a valve:

- 1) With a diameter between 10 and 20 mm.
- 2) Manufactured in a manner that a one-liter sample may be taken slowly at any time during plant operations.
- 3) Maintained in good condition.

The Contractor shall replace failed valves.

In the presence of the Engineer, the Contractor shall take 2 one-liter samples per operating day. The Contractor shall provide round friction top containers with one-liter capacity for storing samples.

D. Applying Asphalt

Unless otherwise specified, the Contractor shall heat and apply asphalt in conformance with the provisions in Caltrans Standard Specifications Section 93, "Liquid Asphalts."

The Contractor shall apply paving asphalt at a temperature between 120° and 190°C. The Engineer will determine the exact temperature of paving asphalt.

The Contractor shall make modifications to the proposed mix design as required by the City or its designated laboratory to insure that the proposed asphalt concrete mix will meet the minimum stability ("S") values. No asphalt concrete shall be placed until such time as the City has tested and approved the Contractor's proposed asphalt concrete mix design. Aggregate produced from slag resulting from any steel-making process or from air-cooled iron blast furnace slag shall not be used on this project.

Asphalt concrete shall be placed with paving machine equipped with a "Preco" attachment or similar device for use in obtaining constant cross-slope and maximum joint quality.

The Contractor shall place the ARHM a maximum of 48 hours after the commencement of all edge grinding operations during any stage of the work for this project.

Apply SS-1H tack coat at a rate not to exceed one-tenth (1/10) gallon per square yard uniformly in one coat on all vertical joints of AC patching and P.C.C. surfaces and edges against which ARHM is to be placed. Diesel fuel shall not be used for cleaning purposed within the limits of this project.

Distribution and spreading shall conform to 302-5.5 except that at the time of delivery to the work site, the temperature of the ARHM-GG shall be 300°F minimum to 325°F maximum. At the discretion of the Owner's Representative, this maximum temperature may be raised to 350°F during cold climatic conditions. Atmospheric temperature shall be 50°F and rising or as approved by the agency's representative.

The Contractor shall utilize a paving machine equipped with an automatic adjusting screed, which is actuated by a 30-foot "ski", for the entire ARHM-GG overlay.

ARHM-GG shall not be placed in lifts that exceed four (4) inches in thickness. Breakdown compaction shall be performed with a two-axle or three-axle tandem or three-wheel roller weighing not less than 12 tons for all ARHM-GG lift thickness of four (4) inches or less. Breakdown compaction shall be performed with a vibratory roller weighing not less than 12 tons for all ARHM-GG lift thickness between two (2) and four (4) inches. When more than one layer of ARHM-GG is required, the layers shall be of equal thickness.

ARHM-GG shall be thoroughly compacted by rolling. The number of rollers necessary will be established in accordance with Section 302-5.6.1 of the Greenbook Specifications. All compacted ARHM-GG shall have a relative compaction of not less than 95 percent in accordance with Section 302-5.6.2 of the Greenbook Specifications.

Rolling along a joint shall be such that the widest part of the roller is on the hot side of the joint. Join lines between successive runs shall be within 6 inches of lane lines or a minimum of 12 feet outside of the outer most lane line.

Lots consisting of 500 tons will be established for ARHM-GG areas to be tested. The City or its designated laboratory shall perform density testing utilizing a properly calibrated nuclear asphalt-testing device. The City shall pay for all initial testing and a reasonable amount of retesting utilizing the nuclear asphalt-testing device. If the test results for any lot of ARHM-GG indicate that the relative compaction is below 95 percent the Contractor will be advised that he is not attaining the required relative compaction and that his materials or his procedures, or both, need adjustment. ARHM-GG spreading operations shall not continue until the Contractor has notified the Engineer of the adjustment that will be made in order to meet the required compaction. Core

testing of areas not meeting the 95 percent requirement will be conducted by the City's designated lab. Any and all testing beyond the initial core testing will be at the sole expense of the Contractor.

If the test results for any lot of ARHM-GG continue to indicate that the relative compaction is less than 95 percent after adjustments have been made, the ARHM-GG represented by that lot may be required to be removed and replaced at the Contractor's expense and the Contractor shall suspend all further paving operations until the Contractor can demonstrate to the City that relative compactions of 95 percent can be obtained. It shall be the sole judgment of the City Engineer to determine adequate remedy and/or a reduction in compensation for any lot failing to meet 95 percent relative compaction.

The City's designated laboratory will obtain samples of the ARHM-GG from each lot to perform extraction tests to insure the proper aggregate gradation and asphalt content is being supplied in accordance with the approved ARHM-GG mix design. If the test results for any lot of ARHM-GG indicate that the ARHM-GG does not meet the requirements of the approved mix design the Contractor will be advised that he is not attaining the required composition and grading and that his materials need adjustment. ARHM-GG spreading operations shall not continue until the Contractor has notified the Engineer of the adjustment that will be made in order to meet the approved mix design. If the test results for any lot of ARHM-GG continue to indicate that the composition and grading does not conform to the approved mix design after adjustments have been made, the ARHM-GG represented by that lot shall be removed and replaced at the Contractor's expense and the Contractor shall suspend all further paving operations until the Contractor can demonstrate to the City that the ARHM-GG is in accordance with the approved mix design.

The Contractor shall provide for adequate quality control measures to insure that delivery of asphalt rubber shall be neither too slow nor too fast to prevent stopping of the paving operation and/or cooling of the asphalt rubber material. Material delivery scheduling and handling is critical to provide for optimum compaction opportunity and maximize ride quality performance.

Rock dust blotter material shall be required immediately after the completion of the "finish rolling" and prior to opening to traffic to prevent bleeding and tracking of the asphalt rubber material.

Rock dust blotter shall be per Section 200-1.2 of the Standard Specifications and shall be uniformly applied using a mechanical spreader, which distributes uniformly at a rate of approximately three pounds per square yard. Compaction rollers shall not be allowed on the rock dust covered pavement surfaces. All excess rock dust blotter shall be removed from the street at the end of each workday. The removal of the rock dust blotter shall include removal from adjacent streets as needed. No excess rock dust blotter shall be left on any street after normal work hours. The cost of this application will be included into the contract unit price bid for ARHM.

Measurement

The quantities of the asphalt rubber hot mix (ARHM) to be paid for will be measured by the actual tonnage (ton) of material and no additional compensation will be allowed therefor. The Contractor

shall furnish to the City Engineer at the time of delivery of the material on the job site a legible copy of a licensed weighmaster's certificate showing gross, tare, and net weights of each truckload of asphalt concrete mixture.

Tack Coat (Not a Bid item)

Existing concrete gutter and curb faces shall be protected against disfigurement from the asphalt. Residue of the material shall be removed from gutter and curb faces by sandblasting to the extent required by the Engineer.

The tack coat shall be applied as specified in Subsection 302-5.4 of the Standard Specifications and these Special Provisions. The Engineer will determine if the pavement is sufficiently dry for the application of the tack coat. Tack coat shall not be applied when the temperature of the surface to be tacked is below 40 degrees F in the shade.

No separate measurement and payment will be made for tack coat.

Payment for Construction of ARHM Overlay, shall conform to the provisions of Subsection 302-5.9 of the Standard Specifications for Public Works Construction. All the requirements stated above shall be included in the unit price bid per **ton (TON)**. The contract unit price per ton shall include full compensation for all surface preparation furnishing all labor, materials, tools, equipment, removals, disposal, certified weigh tickets, and incidentals and for doing all the work involved, including furnishing, applying and cleaning up excess rock dust blotter. The City will not compensate the Contractor for any additional costs incurred by change or lack of availability of asphalt binders. Temporary surface work where required by the City Engineer for traffic control or other purposes shall be considered included in the price bid for Traffic Control and no additional compensation will be allowed.

Bid Item No. 19 – Adjust Existing Storm Drain/Sewer/Utility Manhole Frame and Cover to Finished Grade

This Bid Item shall include all labor, equipment and materials to adjust existing sewer/storm drain/utility manhole frame and cover within the project limits to match finished grade if required. The work shall be performed in accordance with the provisions of Subsection 301-1.6 and Subsection 302-5.8 of the Standard Specifications for Public Works Construction and per Standard Plans for Public Works Construction.

All existing covers that can be lowered and raised shall be lowered **prior** to cold milling/removal and adjusted to finished grade by the Contractor or by the Utility Owner for the Contractor. For utility frames and covers under the jurisdiction of Verizon, AT&T, Edison, Los Angeles County Flood Control District, Los Angeles County Sanitation Districts, and County Sewer Maintenance Districts, the Contractor shall contact these organizations to arrange for adjustment of their respective facilities a **minimum of four (4) working days prior** to cold milling/paving operations in accordance with **Section 301-1.6** of the Standard Specifications or get written authorization by the utility owner and the City to adjust their facilities. See Appendix A (Standard Plans) for

Adjustment of County Sanitation Districts manholes to new grade, for manholes owned by Los Angeles County Sanitation Districts.

The adjustment of existing manholes to finished grade shall be performed after finish paving. The removal or addition of grade rings shall be required to facilitate adjustment. Frame and covers shall be thoroughly cleaned and reset to finished grade by cutting pavement one foot outside the limits of the frame and cover. Said cut shall be neat and uniform.

Payment for Adjustment Storm Drain/Sewer/Utility Manhole Frame and Cover to Finished Grade shall be at the contract unit price per **Each (EA)** and shall be considered full compensation for labor and furnishing and placing all forms, materials, construction and expansion joints, curing compounds and equipment to complete the construction is considered as included in the price paid, and no additional compensation will be allowed therefor. Where the manhole frame and cover is performed by the utility owner, no compensation will be made to Contractor.

Bid Item No. 20 – Adjust Existing Water Valve Can and Cover to Finished Grade

Adjusting of water valve can and cover shall be in accordance with Section 301-1.6 of the Standard Specifications. The Contractor is to contact the water utility and determine if the utility wants the Contractor to lower and raise the water valves sleeves and covers or the water utility will do so on its own. In the latter case the Contractor will not be paid for this work.

All existing water utility covers that can be lowered and raised shall be lowered prior to cold milling and adjusted to finished grade by the Contractor or the Utility Owner. The Contractor shall contact the utility or substructure owner organizations to arrange for adjustment of their respective facilities a minimum of two (2) working days prior to paving operations in accordance with **Section 301-1.6** of the Standard Specifications.

Adjustment of existing water valve sleeves shall also be performed after finish paving and covers are to be painted should the Utility Owner want the cover to be painted. The Utility Owner will let the City know what color is to be used.

Payment for Adjustment of Water Valve Cans and Covers to Finished Grade shall be at the contract unit price per **Each (EA)** and shall be considered full compensation of all costs associated with their adjustment including labor, materials, equipment, tools, traffic control and incidentals for doing all the work involved complete in place.

Bid Item No. 21 - Adjust Existing Water Meter Box and Cover to Finished Grade

Bid Item No. 22 - Adjust Existing Utility Pull Box and Cover to Finished Grade

Meter boxes/pull boxes shall be either precast reinforced concrete or of fiber construction and shall conform to the provision in the water purveyor's Standard Specifications. Existing meter boxes in good condition may be reused if not disturbed as approved by the City Engineer and/or the owner. Broken covers and those not conforming to the above or the requirements on the plans shall be replaced. Existing meter boxes not reused or noted for future use shall be removed and

salvaged and the area of removal repaired in kind with the surrounding area, but at a minimum to the minimum standards for the said material used.

Payment for Adjust Existing Water Meter Box and Cover to Finished Grade and Adjust Existing Utility Pull Box and Cover to Finished Grade shall be at the contract unit price per **Each (EA)** Unit Price basis and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all the work involved complete in place.

Bid Item No. 23 – Relocate Existing Utility Pull Box and Cover

This Bid Item shall include all labor, material and equipment required to relocate existing utility pull box and cover. Utility pull box and cover shall be adjusted to grade after finish grade has been established.

Payment for Relocate of Existing Utility Pull Box and Cover shall be at the contract unit price per **Each (EA)** and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all the work involved complete in place.

Bid Item No. 24 – Traffic Signing, Striping, Markings and Curb Painting

Traffic Signing, Striping, Markings, and curb painting as shown on Contract Drawings shall conform to the Standard Specifications of the State of California (latest edition), Department of Transportation, Sections No. 82, 84 and 85 (CALTRANS) and also as modified below.

Traffic stripes, pavement markings of arrows, symbols, numbers and words, shall conform to the California Department of Transportation Standard Specifications; **Section 84-2 Thermoplastic Traffic Stripes and Pavement Markings, latest edition.**

For existing striping or markings shown to be replaced outside of new pavement area and on existing concrete surface, Contractor shall remove by wet sandblasting only all existing striping/legends/markings. Raised dots and markings shall be removed by grinding.

Prior to project grinding and removal work, Contractor shall video all existing markings, painting and pavement devices for use in carrying out this Bid Item.

Raised pavement markers other than blue hydrant markers shall conform to the California Department of Transportation Standard Specifications Section 85, current edition, and shall be of type as called for on the plans.

The Contractor shall furnish the necessary control points for all striping and markings, and shall be responsible for the completeness and accuracy thereof as per plans and details herein.

Painted and raised pavement marker removal shall conform to Section 85 of the Caltrans Standard Specifications, current edition. All residue remaining as a part of the removal operations shall be removed from the site.

Layout shall be approved, in writing, by the Engineer or his representative prior to placing Thermoplastic, curb painting and markings.

Thermoplastic Pavement striping and markings are per Caltrans Standard Plans.

Markings, as used in these Specifications, include both lines and miscellaneous markings applied to the pavement surface, painting of red curb and the installation of raised pavement markers. Materials and installation for painted and raised pavement markers shall conform to Section 84 and 85 of Caltrans Standard Specifications, current edition.

The Contractor shall provide cat tracking for the centerline and lane lines the same day, following paving operations. Reflectorized "slurry tabs" may be used in lieu of painted cat tracking.

Place Raised Blue Reflective for Fire Hydrant (Not a Bid Item)

Two-Way Blue Reflective Fire Hydrant Raised Pavement Markers installation as shown on Contract Drawings are a part of this item and shall conform to the Standard Specification Section 312 Pavement Marker Placement and Removal and shall be in accordance with the Caltrans Traffic Manual Section 6 "Markings" for each fire hydrant.

Payment for Traffic Signing, Striping, Markings and Curb Painting shall be at the contract unit price per **Lump Sum (LS)** and shall be considered full compensation for furnishing all labor, materials (including adhesives, glass beads, and paint), tools, equipment and incidentals necessary to perform all work, involved in, or appurtenant to the installation of pavement striping, raised reflective pavement markers, painting curbs, blue markers, including removal and installation of traffic signs and posts as indicated, complete in place for the width specified, and pavement markings of arrows, symbols, numbers and words , as shown on the plans and as required by the Project Specifications and no additional compensation will be allowed.

Bid Item No. 25 – Provide Erosion Control and BMPs

Erosion control, Best Management Practices (BMP), erosion damage clean-up, and removal of debris from the project site, NPDES requirements, or removal of soil and other materials deposited on public streets by construction traffic.

Best Management Practices (BMP) shall be defined as any program, technology, process, citing criteria, operating method, measure, or device, which controls, prevents, removes, or reduces pollution. The Contractor shall obtain and refer to the California Storm Water Best Management Practice Handbooks, Volume 3, Construction BMP Handbook and the Los Angeles County Department of Public Works Best Management Practices Handbook for Construction Activities.

Los Angeles County Department of Public Works
Cashier's Office
900 South Fremont Avenue
Alhambra, CA 91803
Telephone: 626-458-6959

The Contractor shall have a minimum of two readily accessible copies of each publication on the Construction site at all times plus any copies of applicable environmental mitigation plans.

Additional BMPs may be required as a result of a change in actual field conditions, contractor activities, or construction operation. When more than one BMP is listed under each specific BMP category, the Contractor shall select the appropriate and necessary number of BMPs within each category in order to achieve the BMP objective.

BMPs for Contractor activities shall be continuously implemented throughout the year and project time period. BMPs for erosion control and sedimentation shall be implemented during the period from October 15 to April 15, and whenever the National Weather Service Predicts rain within 24 hours. BMPs for erosion control and sedimentation shall also be implemented prior to the commencement of any Contractor activity or construction operation, which may produce run-off, and whenever run-off from other sources may occur.

The Agency (City), as a permittee thereto, is subject to enforcement actions by the State Water Resources Control Board, Environmental Protection Agency, and private citizens. The Agency will pass through to the Contractor any penalty assessed by these entities for each calendar day that the Contractor has not fully implemented the BMPs specified for the Contract and/or is otherwise in noncompliance with these provisions. In addition, the Agency will deduct, from the final payment due the Contractor, the total amount of any fines levied on the Agency, plus legal and staff costs, as a result of the Contractor's lack of compliance with these provisions and/or less than complete implementation of the specified BMPs.

Eroded sediments and other pollutants must be retained on site and may not be transported from the site via sheet flow, swales, area drains, natural drainage courses or wind. Stockpiles of earth and other construction related materials must be protected from being transported from the site by the forces of wind or water. Fuels, oils, solvents, and other toxic materials must be stored in accordance with their listing and are not to contaminate must be stored in accordance with their listing and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills must be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage system. Excess waste concrete may not be washed into the public right-of-way or any other drainage system. Provisions shall be made to retain concrete wastes on site until they can be disposed of as solid waste. Trash and construction related solid wastes must be deposited into a covered receptacle to prevent contamination by rainwater and dispersal by wind. Sediments and other materials may not be tracked from the site by vehicle traffic. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.

The construction work within Caltrans right-of-way, if applicable, must comply with construction site Best Management Practice (BMPs) as per Caltrans Project Planning and Design Guide (PPDG) dated July 2016, including later revisions and addendums. Works related to drainage system, water pollution control and erosion control within the state right-of-way shall be in accordance with the latest Caltrans standard specifications and special provisions. The temporary drainage inlet protection shall comply with the Caltrans Standard Special Provisions, SSP 130620. The following BMPs as outlined in, but not limited to, CASQA's California Storm Water Best Management

Practice Handbook, California Storm Water Quality Task Force, Sacramento California 2003, or the latest revised edition, may apply during construction (additional measures may be required if deemed appropriate by inspector).

EC-2 Preservation of Existing Vegetation

NS-2 Dewatering Operations

NS-3 Paving & Grinding Operations

SC-21 Vehicle & Equipment Cleaning

SC-20 Vehicle & Equipment Fueling

SC-22 Vehicle & Equipment Repairs

SE-8 Sand Bag Barrier

SE-10 Storm Drain Inlet Protection

WE-1 Wind Erosion Control

WM-1 Material Delivery & Storage

WM-2 Material Use

WM-4 Spill Prevention & Control

WM-5 Solid Waste Management

WM-8 Concrete Waste Management

WM-9 Sanitary/Septic Waste Management

Payment for Providing Erosion Control & BMPs shall be at the contract unit price per **Lump Sum (LS)** and shall be considered full compensation for complying with the above requirements. Furnishing of labor, materials, practices, equipment, hauling, properly disposing, protection of facilities, restoration and incidentals for doing all the work involved complete in place and no additional compensation will be allowed.

Bid Item No. 26 – Construction Survey, Staking, Re-establish Survey Monuments and Centerline Ties

Construction Survey consists of furnishing transportation, labor, materials, and equipment to provide surveying and field engineering under the direction of a land surveyor or professional engineer licensed in the State of California to do surveying. Furnish skilled labor, instrument platforms, ladders and such other temporary structures, required lighting for making and maintaining points and lines in connection with the surveys required.

Construction Survey shall conform to the Standard Specification Section 2-9. Work under this Section includes, but is not limited to, the following:

1. Establish and maintain horizontal and vertical control points from City Engineer-supplied benchmarks and baselines.
2. Establish temporary benchmarks.
3. Layout of all work.
4. Construction staking for earthwork and paving work required on the project.

5. Control, staking, and grade checking for all earthworks.
6. Maintain records on reproducible contract drawings (ASCII points file) of as-constructed locations of project components and features during the course of the project.
7. Establish/reestablish survey monuments as shown on the construction drawings and file Corner Record Survey with the County and City Engineer.
8. Establish centerline ties at each intersection. Centerline tie sheets must be recorded by a Professional Licensed Surveyor by the State of California.

City Engineer reserves the right to check the accuracy of Contractor's survey measurements and calculations. Regardless of whether or not the City Engineer exercises this right, the requirements for Contractor accuracy and adequacy will not be waived.

Copies of all completion survey notes, and other data shall be furnished to the City Engineer prior to beginning work that requires their use.

Prior to completion of Project and when requested by City Engineer, Contractor shall submit a copy of site drawing and certificate signed by California Registered Land Surveyor or Professional Engineer as applicable, that elevations and locations of Work are in conformance with Contract Documents.

Contractor shall set permanent monuments and file "Record of Survey Map". The Contractor shall be responsible to maintain a complete and accurate log of control and survey work as it progresses.

Contractor shall field verify locations of survey control points prior to starting any work on the Project Site. Contractor shall establish and submit to City Engineer any temporary control points as necessary due to construction activity. The Contractor shall notify City Engineer of any discrepancies discovered and resolve prior to starting any work.

The Contractor shall lay out work from the City Engineer's established control points, baselines, ranges and gauges and shall be responsible for all measurements in connection therewith. Furnish, at Contractor's expense, all stakes, templates, platforms, equipment, range markers, and labor as may be required in laying out any part of the Work from the points and lines established by the City Engineer. The Contractor will be held responsible for the execution of the Work to such lines and grades as may be established or indicated by the City Engineer. It shall be the responsibility of the Contractor to maintain and preserve all stakes and other marks established by the City Engineer until authorized to remove them. If such marks are destroyed by the Contractor or through negligence prior to their authorized removal, they may be replaced by the City Engineer at City Engineer's discretion. The expense of replacement will be deducted from any amounts due, or to become due, the Contractor.

Surveying shall conform to methods, procedures, and requirements of the CALTRANS Survey Manual. Contractor shall set finish grades at a maximum of 50-ft. intervals for dirt, 25-ft. intervals for rock and at all grade breaks. Contractor shall establish or reestablish baselines and field control

points as necessary and provide all basic site engineering to assure accurate locations and elevations for construction. It will be contractor's responsibility to verify location and elevation of existing structures and utilities as required for new work.

Control datum for survey is indicated on Contract Drawings. Contractor shall locate and protect, or replace survey control and reference points, preserve permanent reference points during construction and provide record of survey for replacement at record monument. The contractor shall report to City Engineer loss or destruction of any reference point or relocation required because of changes in grades or other reasons and replace dislocated survey control points based on original survey control. There will be no changes without prior written notice to City Engineer.

Establishing survey monument consists of furnishing transportation, labor, materials, and equipment to provide surveying and field engineering under the direction of a land surveyor or professional engineer licensed in the State of California to do surveying. Furnish skilled labor, instrument platforms, ladders and such other temporary structures, required lighting for making and maintaining points and lines in connection with the surveys required.

Establishing survey monuments shall conform to the Standard Specification Section 309.

Payment for Construction Survey, Staking, Re-establish Survey Monuments and Centerline Ties shall be on a **Lump Sum (LS)** Price basis and shall be considered full compensation for furnishing labor, materials, equipment, associated excavation and backfill, and disposal to complete the construction, and no additional compensation will be allowed therefor. Compensation for all other items of works that are not identified shall be included in the other items of work and no additional compensation will be allowed. Submit electronic files of surveys conducted for Progress Payments with each Pay Request.

Bid Item No. 27 - Furnish and Install 8 Inch PVC C-900 Pipe With All Appurtenant Connections to the Existing Water Mains, Fittings and Parts, All Necessary Tees and Transitions, Over and/or Under Crossings, Elbows and Fittings, Cutting And Plugging of Water Main, and Thrust Blocks as Shown on the Plans or as Described in the Contract Documents. The Work Shall Include All Trenching and Backfill

Bid Item No. 28 - Furnish and Install 10 Inch PVC C-900 Pipe With All Appurtenant Connections to the Existing Water Mains, Fittings and Parts, All Necessary Tees and Transitions, Over and/or Under Crossings, Elbows and Fittings, Cutting and Plugging of Water Main, and Thrust Blocks as Shown on the Plans or as Described in the Contract Documents. The Work Shall Include All Trenching and Backfill

The scope of work in general consists of installation of a new 8" or 10" PVC C-900 Water Main Pipe and the related work. The work shall include all saw cut, trenching, removal of existing pipe (if necessary), fittings and valves as needed for new construction, laying pipe, all the work related to connections of new water line to the existing system, cutting and plugging water main at dead ends, thrust blocks, sand bedding, backfill, compaction, AC or PCC pavement replacement, and all required testing to deliver a complete operational system in place.

A. General

1. The contractor shall comply with all City procedures and standards relative to water service interruption.
2. The contractor shall furnish all labor, materials, and equipment to construct the water system as shown on the plans in accordance with applicable portions of the Standard Specifications for Public Works Construction, latest edition, AWWA, and L.A. County Water Works Districts as it applies and per Engineer's instruction.

B. Excavation, Backfill and Resurfacing

1. Trench resurfacing in areas where pavement rehabilitation is not scheduled at the present, shall be in accordance with sub-section 306-1.5 of the Standard Specifications.
2. Excavation, trenching and backfill for water lines shall conform to the provisions of section 306-1 of the Standard Specifications. Water line shall be encased as directed by City Engineer when it is installed under existing utilities.

C. Materials

1. Water main pipe shall be PVC C-900 per AWWA C900, push-on joints, all in accordance with sub-section 209-4 of the Standard Specifications.
2. All joint and flanged fittings shall be cement lined and shall conform to Standard Specifications sub-section 207-9. All mechanical joints shall be with locking retainer glands.
3. Gate valves shall be iron body, bottom wedging, double disc, with parallel seats and 2-inch square operating nuts, designed for 200 psi water-working pressure, conforming to AWWA C500 for Gate Valves for Ordinary Waterworks Service.
4. DIP pipes shall be wrapped with Polyethylene Encasement. All ductile-iron pipe and fittings buried underground shall be protected with a polyethylene encasement wrap in accordance with the AWWA C105 Standard. Wrap material shall be a loose 8-mil-thick LLD polyethylene tube or a 4-mil thick HDCL polyethylene tube. All joints between plastic tubes shall be wrapped with 2-inch-wide, 10-mil thick, polyethylene adhesive tape, Polyken 900, Scotchwrap 50, or for contracts between the City and Contractor, approved equal. Installation of wrapping in the field shall be performed in the following manner:
 - a. Placement of Polyethylene Encasement: Using a sling, the pipe shall be picked up with a crane at the side of the trench and raised about 3 feet

off the ground. The polyethylene tube, cut approximately 2 feet longer than the length of pipe, shall be slipped over the spigot end of the pipe and bunched up, accordion fashion, between end of the pipe and the sling.

- b. Placement of Pipe into Trench: The pipe shall be lowered into the trench, the spigot shall be seated into the bell of the adjacent installed pipe, and the pipe lowered into the trench bottom. A shallow bell hole shall be provided in the trench bottom to facilitate the wrapping of the joint.
- c. Joint Assembly: The pipe joint shall then be made up as described herein.
- d. Adjustment of Polyethylene Encasement: The sling shall be removed from the center of the pipe and hooked into the bell cavity. The bell shall be raised approximately 12 inches and the tube of polyethylene film slipped along the full length of the pipe barrel. Enough of the film shall be left bunched up, accordion fashion, at each end of the pipe to overlap the adjoining pipe about 1 foot. Care shall be taken to ensure that soil that adheres to the pipe is removed as the polyethylene film is placed around the pipe.
- e. Overlapped Joints: To make the overlapped joint wrap, the film shall be pulled over the bell of the pipe, folded around the adjacent spigot, and wrapped with about three circumferential turns of the plastic adhesive tape in order to seal the tube of film to the pipe. The tube on the adjacent pipe shall be then pulled over the first wrap on the pipe bell and sealed in place behind the bell, using about three circumferential turns of the polyethylene adhesive tape.
- f. Attachment of Encasement: The resulting loose wrap on the barrel of the pipe shall be pulled snugly around the barrel of pipe, the excess material folded over the top and the fold held in place by means of short strips of the 2-inch wide, 10-mil thick adhesive tape at intervals 5 feet apart along the pipe barrel.

The contractor is responsible for removal, haul away, return to vendor, or disposal of surplus material, if any, at the end of the construction. No additional compensation shall be made for such surplus materials.

D. Thrust Blocks and Gravity Blocks

- 1. Contractor shall construct thrust blocks and gravity blocks where required on the plans and whenever there is an angle point on the water pipe alignment per

details as shown on the water improvement plans. All work shall be done in accordance with the AWWA standards and manufacturer's recommendations.

2. Subject to field verification by the soils engineer, the minimum bearing areas for thrust blocks is shown on the plan.

E. Utility Companies

The contractor shall coordinate with utility companies to field verify the exact locations and depths of existing utilities at conflict points prior to constructing water mains.

The contractor shall verify the vertical separation between utility lines, in the event that vertical separation is less than 3 feet, the contractor must contact the utility owner and request any specifications for their facilities protection. Complying with the exiting utility standards and specifications for protection of their facilities must be included in the bid price.

F. Hydrostatic Tests

Pressure Tests. After the pipe has been laid, the joints completed, and the trench partially back-filled, the newly laid piping shall be pressure tested in accordance with Standard Specifications sub-section 306-1.4.5. The test pressure shall be 110 percent of the minimum design pressure of 200 psi. Each valve shall be opened and closed several times during the test. Exposed pipe, joints, fittings, valves, shall be carefully examined during the partially open trench test. Joints showing visible leakage shall be replaced or remade as necessary. Cracked or defective pipe, joints, fittings valves, discovered during the course of this pressure test shall be removed and replaced with sound material, and the test shall be repeated until the test results are satisfactory.

G. Disinfection

All bacteria test shall be done with the presence of Water Department representative.

Water mains and lateral line shall be disinfected as prescribed by AWWA C601 before connection to the existing system.

H. Clean-up

Upon completion of the installation of the new water line and appurtenances, all debris and surplus materials resulting from the work shall be removed.

I. Fire Hydrant Location

The Contractor shall provide a tee, blind flanges, and all necessary thrust blocks at the new fire hydrant location per Plans.

J. Minimal Service interruption

The contractor shall prepare a construction phasing plan to ascertain continuous water service connection to all residents and businesses with minimal interruptions. Such a plan shall be submitted to the engineer for his approval prior to start of the construction.

New water line shall be constructed per plans and specifications and per APWA, AWWA, and LACPWD standards. Location, size, depth, and assemblies shall be as specified per plans or per Engineer's instruction.

Payment for Furnish and Install of 8 Inch or 10 Inch PVC C-900 Pipe With All Appurtenant Connections to the Existing Water Mains, Fittings and Parts, All Necessary Tees and Transitions, Over and/or Under Crossings, Elbows and Fittings, Cutting and Plugging of Water Main, and Thrust Blocks as Shown on the Plans or as Described in the Contract Documents. The Work Shall Include All Trenching and Backfill as shown on the plan shall be at the contract unit price per **Linear Foot (LF)**. Final field measurement will be the length of centerline of the completed pipeline in place including all fittings. Such payment will be considered full compensation for furnishing all labor, materials, tools and equipment, and completing all work involved in installing the water lines. All sawcut, removal (if necessary), trenching, haul away and disposal, sand bedding, pipe laying, fitting, connections of the new water line to the existing mains with all the necessary fittings, thrust blocks, backfill, compaction, AC or PCC pavement, all required tests, and disinfections shall be included and no other payments will be made for the scope of the work under this contract.

Bid Item No. 29 – Encase Water Line

This bid item shall include all labor, material and equipment required to Encase Water Line for the project as shown on the drawings. Encasement shall be per steel casing pipe detail on plan and per LA County Waterworks Districts Standard Plan W-35.

Payment for Encase Water Line shall be at the contract unit price per **Linear Foot (LF)** and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved and no additional compensation will be allowed.

Bid Item No. 30 – Furnish and Install New 6" D.I. Resilient-Wedge Gate Valve. Restore Pavement Surface per City Engineer Direction

Bid Item No. 31 – Furnish and Install New 8" D.I. Resilient-Wedge Gate Valve. Restore Pavement Surface per City Engineer Direction

Bid Item No. 32 – Furnish and Install New 10" D.I. Resilient-Wedge Gate Valve. Restore Pavement Surface per City Engineer Direction

This Bid Item shall include all labor, material and equipment required construct New 6", 8" or 10" Ductile Iron Resilient-Wedge Gate Valve per plan, including can and cover. The finished surface shall be constructed to match the existing, can and cover shall be adjusted to final grades after all resurfacing work is completed. All labor and material, tools, equipment necessary to do such work shall be included. All removal, disassembly, disposal, backfill, compaction, construction of finished surface and adjustment of can and cover shall be included.

Payment for Furnish and Install New 6", 8" or 10" D.I. Resilient-Wedge Gate Valve. Restore Pavement Surface per City Engineer Direction shall be at the contract unit price per **Each (EA)** and shall include full compensation for excavation, fittings, thrust blocks, joints, backfill, compaction, testing, disinfections, AC or PCC replacement, can, painted cover and all incidentals and connections.

Bid Item No. 33 – Remove Existing Water Meter Box and Service and Construct New 1" Water Service, Install Meter and Meter Box (Provided by City)

Bid Item No. 34 – Remove Existing Water Meter Box and Service and Construct New 2" Water Service, Install Meter and Meter Box (Provided by City)

This Bid Item shall include all labor, material and equipment required to remove existing water meter, meter box, and water service line, and abandon the remaining appurtenances by shutting off a corporation stop. Contractor shall deliver all salvaged appurtenances to the City Yard.

The bid item is also for construction of water service line, installing water meter and box, service line and connection as directed by the City Engineer.

The work under this item shall include the cost of but not limited to pavement cutting and removal, excavating, shoring, furnishing and placing concrete brick blocking under pipe, furnishing and installing pipe, couplings, tapping connection as directed by the City Engineer, and cover, backfilling, temporary and permanent pavement resurfacing, traffic control, flushing and disinfecting, bacteria test, flow test, hydrostatic test, removal and replacement where required of existing improvements (exclusive of utilities) which interfere with construction (includes all existing improvements located outside the traveled roadway, such as concrete curb and gutter, sidewalk, driveways, sprinklers, parkways, etc.), disposing and salvaging of respective materials and appurtenances, disposing of all excess excavated or removed material, and all other labor, equipment and material incidental to the installation of water meter, complete in place. Re-sod all lawns that may have been damaged or removed using suitable topsoil.

Upon completion of service line installation, and after the field tests have been performed, each meter shall be operated in the presence of the City Representative. Operation shall consist of installation of appropriate BMPs at the water flow course prior to opening the service line.

Connection from the new meter to the existing line servicing the private property must be included. Due to space constraints, some new meters might be located far from the existing meters, the Contractor must use the same or better type of pipe material to construct a connection, this work is considered part of this bid item and no additional compensation will be allowed therefor.

In the case of leakage from the meter in any direction, the contractor will be responsible to repair the connection and any damages cause by the leakage to the satisfaction of the City Engineer. In the event that the leakage is from the meter to the private property, the contractor must replace up to 3' of the existing pipe to secure a proper connection. The cost of this repairs, if any, must be included in the bid item price and no additional compensation will be allowed therefor.

City will provide water meter and box to be installed by the contractor.

Payment for Remove Existing Water Meter, Box and Service and Construct New Water Service, Meter and Box shall be at the contract unit price per **Each (EA)** and shall include full compensation for removing, disposing, delivering salvaged appurtenances to the City Yard, furnishing all labor, materials, tools, equipment, backfilling, grading, compacting, finishing, testing, hauling, proper disposing, and incidentals for doing all the work involved complete in place and no additional compensation will be allowed therefor.

Bid Item No. 35 – Remove Existing Fire Hydrant Assembly and Service Line and Construct New Fire Hydrant Assembly and Service Line

This Bid Item shall include all labor, material and equipment required to remove existing Fire Hydrant Assembly, Fire service line, valve and other appurtenances. Contractor shall deliver all salvaged appurtenances to the City Yard.

The bid item is also for furnishing and installing each fire hydrant assembly, lateral service line and blue reflective marker per City of Huntington Park Standards, and as shown on the plans. The work under this item shall include the cost of but not limited to pavement cutting and removal, excavating, shoring, tunneling, furnishing and placing concrete thrust block under pipe, furnishing and installing pipe, couplings, restrained joints, gate valve, valve can, tapping or hot tap connection as directed by the City Engineer, mechanical joint, and cover, slurry backfilling, temporary and permanent pavement resurfacing, traffic control, flushing and disinfecting, bacteria test, flow test, hydrostatic test, removal and replacement where required of existing improvements (exclusive of utilities) which interfere with construction (includes all existing improvements located outside the traveled roadway, such as concrete curb and gutter, sidewalk, driveways, sprinklers, parkways, etc.), disposing and salvaging of respective pipe, materials and concrete or thrust blocks, disposing of all excess excavated or removed material, and all other labor, equipment and material incidental to the installation of fire hydrant assembly, complete in place. Where a valve assembly is installed within concrete gutter, the Contractor shall replace a minimum of 6 linear feet of curb and gutter, in kind, with no additional compensation. Re-sod all lawns that may have been damaged or removed using suitable topsoil.

In general, the size of fire hydrants shall have at minimum one 4 ½ inch outlet and two 2 ½ inch hose outlets with National Standard Thread unless otherwise noted on approved plans and have a working pressure and shall conform to AWWA C502 standards and be approved by City Engineer.

Upon completion of Fire Hydrant installation, and after the field tests have been performed, each fire hydrant shall be operated in the presence of the City Engineer. Operation shall consist of installation of appropriate BMPs at the water flow course prior to opening the fire hydrant assemblies and allowing water to flow freely from one or more of its outlets. Upon completion of this sequence the fire hydrants shall be turned off and all protection caps properly placed on each outlet.

Payment for Remove Existing Fire Hydrant Assembly and Service Line and Construct New Fire Hydrant Assembly and Service Line shall be at the contract unit price per **Each (EA)** and shall include full compensation for removing, disposing, delivering salvaged appurtenances to the City Yard, furnishing all labor, materials, tools, equipment, backfilling, grading, compacting,

finishing, testing, hauling, proper disposing, and incidentals for doing all the work involved complete in place and no additional compensation will be allowed therefor.

Bid Item No. 36 – Construct New Fire Hydrant Assembly and Service Line

The bid item is also for furnishing and installing each fire hydrant assembly, lateral service line and blue reflective marker per City of Huntington Park Standards, and as shown on the plans. The work under this item shall include the cost of but not limited to pavement cutting and removal, excavating, shoring, tunneling, furnishing and placing concrete thrust block under pipe, furnishing and installing pipe, couplings, restrained joints, gate valve, valve can, tapping or hot tap connection as directed by the City Engineer, mechanical joint, and cover, slurry backfilling, temporary and permanent pavement resurfacing, traffic control, flushing and disinfecting, bacteria test, flow test, hydrostatic test, removal and replacement where required of existing improvements (exclusive of utilities) which interfere with construction (includes all existing improvements located outside the traveled roadway, such as concrete curb and gutter, sidewalk, driveways, sprinklers, parkways, etc.), disposing and salvaging of respective pipe, materials and concrete or thrust blocks, disposing of all excess excavated or removed material, and all other labor, equipment and material incidental to the installation of fire hydrant assembly, complete in place. Where a valve assembly is installed within concrete gutter, the Contractor shall replace a minimum of 6 linear feet of curb and gutter, in kind, with no additional compensation. Re-sod all lawns that may have been damaged or removed using suitable topsoil.

In general, the size of fire hydrants shall have at minimum one 4 ½ inch outlet and two 2 ½ inch hose outlets with National Standard Thread unless otherwise noted on approved plans and have a working pressure and shall conform to AWWA C502 standards and be approved by City Engineer.

Upon completion of Fire Hydrant installation, and after the field tests have been performed, each fire hydrant shall be operated in the presence of the City Engineer. Operation shall consist of installation of appropriate BMPs at the water flow course prior to opening the fire hydrant assemblies and allowing water to flow freely from one or more of its outlets. Upon completion of this sequence the fire hydrants shall be turned off and all protection caps properly placed on each outlet.

Payment for **Construct New Fire Hydrant Assembly and Service Line** shall be at the contract unit price per **Each (EA)** and shall include full compensation for removing, disposing, delivering salvaged appurtenances to the City Yard, furnishing all labor, materials, tools, equipment, backfilling, grading, compacting, finishing, testing, hauling, proper disposing, and incidentals for doing all the work involved complete in place and no additional compensation will be allowed therefor.

Bid Item No. 37 – Abandon Existing Water Line & Appurtenances per City Requirements

Abandoning of the existing water pipes shall be accomplished by cutting and plugging the existing line and completely fill with 1-sack slurry. Slurry backfill shall conform to Section 201 of the Standard Specifications and City requirements as directed by the Engineer. Mix will be 2-sack cement slurry.

The existing water line to be abandoned shall be cut at the locations necessary. Sufficient pipe shall be removed to reconnect the new line. The open end of the abandoned line shall be plugged with cement concrete or cement mortar 8" thick. The Contractor shall remove valves, tees, crosses, and pipe as shown on the plans and as necessary to perform construction. All fittings, pipe and valves shall be removed and disposed of by the Contractor.

Payment for Abandon Existing Water Line & Appurtenances per City Requirements shall be at the contract unit price per **Lump Sum (LS)** and shall include full compensation for all incidentals and no additional compensation will be allowed therefor.

Bid Item No. 38 – Construct Cured-In-Place Pipe (CIPP) Lining of 8" Sewer Pipe

This Bid Item shall include furnishing of all labor, equipment, tools, and materials to install lining of the interior of an existing 8" VCP sewer line with Cured-In-Place Pipe (CIPP). Work shall include but not limited to cleaning, debris removal, lining installation, sewer bypass, sewage spill plans, notifications, miscellaneous videoing, and service reconnection. The work shall be performed in accordance with this specifications, Section 500 of the Standard Specifications for Public Works Construction, and the following:

The project includes the rehabilitation of a portion of an existing 8" VCP Sewer System along Hill Street and Cudahy Street. That portions of sewer system to be rehabilitated is from MH 23-17 to downstream to the next Manhole, MH 23-18 to downstream to the next Manhole on Hill Street and from MH 23-30 to downstream to the next Manhole. The Contractor must coordinate the sewer work with the City Public Works department prior to commencement of work and verify the limits in the field with the City representative.

Prior to rehabilitation the Contractor shall submit the following to the City Engineer for approval:

1. Sewer Bypass and Sewage Spill Containment Plan subject to the following:

Sewer Bypass

To perform and complete the rehabilitation work, sewer bypass is required unless the Contractor will provide an alternative measure. The sewer pipe rehabilitation shall be performed in accordance with Subsection 7-8.5 of the Standard Specifications for Public Works Construction.

Sewage Spill

Should a sewage spill occur, the Contractor shall immediately notify the City Engineer and the Los Angeles County Department of Health Services (213/974-1234) and, should the volume of spillage appear to exceed 1,000 gallons, the State Office of Emergency Services (800/852-7550). The Contractor shall immediately notify the County of Los Angeles Department of Public Works Dispatch Center (626/458-4357) and request the dispatcher to notify the Los Angeles County Department of Health Services (213/974-1234) and the

City Engineer. If the City Engineer is not immediately available and the volume of spillage appears to exceed 1,000 gallons, the Contractor shall request the County of Los Angeles Department of Public Works Dispatch Center to notify the State Office of Emergency Services (800/852-7550). The City Engineer will confirm that all necessary containment and cleanup notice actions have been taken.

Should there be a sewage spill, the above notifications shall be made and all efforts of the Contractor are to be directed to containment and cleanup. The spill area, including pavement and gutter areas, shall be sanitized. Should the sewage flow into traffic or pedestrian use areas, the spill area is to be immediately closed to traffic and pedestrians until the sewage has been cleaned up and the sewage bypass system restored to operation or taken out of service until repairs or replacement can be effected to the system. The City and its Contractor can be subject to a fine by the State Regional Water Quality Control Board of up to \$10,000 per day per each spill. Therefore, the Contractor is to operate the sewage bypass system as a leak-free system. The Contractor is to test all of the bypass system piping and pumps before installation to assure a leak-free system.

The Contractor shall be fully responsible for containing any sewage spillage, preventing any sewage from reaching a watercourse, recovery and legal disposal of any spilled sewage, any fines or penalties associated with the sewage spill imposed upon the Agency and/or the Contractor by other jurisdictional agencies, and any other expenses or liabilities created or generated as a result of the sewage spillage.

2. Manufacturer's Certification that the materials to be used meet the referenced standards and these specifications.
3. License or Certificate verifying Manufacturer's/Licenser's approval of the installer.
4. Proposed equipment, procedures and schedule for accomplishing the work.
5. Design Calculations for wall thickness designs to be prepared by an engineer proficient in the design of pipeline systems.

The Contractor shall notify the City Engineer 48 hours prior to the start of rehabilitation.

It shall be the Contractor's responsibility to locate the laterals' point of connection to the main sewer. Per sewer as built plans, there are two affected sewer laterals.

It shall be the Contractor's responsibility to notify and contact each homeowner or business connected to the affected sewer and informing them of the work and the schedule that the sewer will be offline.

The Contractor shall take into consideration that the sewer service interruption is to the minimum and the **time of interruption shall be limited between 9:00 AM and 5:00 PM.**

The Contractor shall remove all internal debris out of the pipeline that will interfere with the installation of the CIPP prior to CIPP installation. They shall be hauled away and disposed by the Contractor.

All videoing that the Contractor will perform to accomplish and complete the work shall be included in this bid item. All videos shall be recorded in CD, 3 copies and to be delivered to the City Engineer. No additional other compensation will be allowed. The Contractor may request the City videotape records for such sections.

Payment for Construct Cured-In-Place Pipe (CIPP) Lining of 8" Sewer Pipe shall be made on a **Linear Foot (LF)** of sewer lined Unit Price basis and shall be considered full compensation for complying with the above requirements and for furnishing all labor, materials, tools, equipment, cleaning, debris removal, lining installation, sewer bypass, sewage spill plans, notifications, miscellaneous videoing, and service reconnection

Bid Item No. 39 – Remove and Construct 8" VCP Sewer Main (Open Trench)

This Bid Item shall include all labor, material and equipment required to replace existing sewer main in place and connect to the laterals for the project. Sewer pipe shall conform to the provisions of Section 207 and 208 of the Standard Specifications for Public Works Construction and shall be placed in accordance with Section 306 of the Standard Specifications for Public Works Construction.

Vitrified Clay Pipe shall be constructed to the line and grades to match existing sewer line or as ordered by the Engineer. Existing sewer main shall be removed. The Contractor shall reconnect all existing laterals, where occur, under this bid item and no additional payment will be allowed therefor.

The Contractor by open excavation under CalOSHA approved Trench Protection Plan, as agreed with the City after review of the CCTV, shall proceed to replace the existing sewer pipe with VCP pipe and to restore the trench with approved backfill up to the bottom of the proposed pavement. Soil compaction tests shall be at each 1-foot elevation of backfill. All work done for sewer pipe replacement (open Trench) shall be paid under this bid item and no additional payment will be allowed therefor.

In replacing the sewer pipe, new pipe bedding shall be placed for the pipe per Standard Plan Number 2021-1 of the LA County Standard Plans Manual, 2000 Edition.

All work shall be done with an approved sewage bypass plan.

Sewer Bypass

To perform and complete the rehabilitation work, sewer bypass is required unless the Contractor will provide an alternative measure. The sewer pipe rehabilitation shall be performed in accordance with Subsection 7-8.5 of the Standard Specifications for Public Works Construction.

Sewage Spill

Should a sewage spill occur, the Contractor shall immediately notify the City Engineer and the Los Angeles County Department of Health Services (213/974-1234) and, should the volume of spillage appear to exceed 1,000 gallons, the State Office of Emergency Services (800/852-7550). The Contractor shall immediately notify the County of Los Angeles Department of Public Works Dispatch Center (626/458-4357) and request the dispatcher to notify the Los Angeles County Department of Health Services (213/974-1234) and the City Engineer. If the City Engineer is not immediately available and the volume of spillage appears to exceed 1,000 gallons, the Contractor shall request the County of Los Angeles Department of Public Works Dispatch Center to notify the State Office of Emergency Services (800/852-7550). The City Engineer will confirm that all necessary containment and cleanup notice actions have been taken.

Should there be a sewage spill, the above notifications shall be made and all efforts of the Contractor are to be directed to containment and cleanup. The spill area, including pavement and gutter areas, shall be sanitized. Should the sewage flow into traffic or pedestrian use areas, the spill area is to be immediately closed to traffic and pedestrians until the sewage has been cleaned up and the sewage bypass system restored to operation or taken out of service until repairs or replacement can be effected to the system. The City and its Contractor can be subject to a fine by the State Regional Water Quality Control Board of up to \$10,000 per day per each spill. Therefore, the Contractor is to operate the sewage bypass system as a leak-free system. The Contractor is to test all of the bypass system piping and pumps before installation to assure a leak-free system.

The Contractor shall be fully responsible for containing any sewage spillage, preventing any sewage from reaching a watercourse, recovery and legal disposal of any spilled sewage, any fines or penalties associated with the sewage spill imposed upon the Agency and/or the Contractor by other jurisdictional agencies, and any other expenses or liabilities created or generated as a result of the sewage spillage.

All temporary work for the sewer lateral to be operational during the construction, including pumping or bypass of the system shall be included in this bid item.

Payment for Remove and Construct 8" VCP Sewer Main (Open Trench) shall be paid for at the contract unit price per **Linear Feet (LF)** and shall include full compensation for furnishing all labor, materials, tools, equipment, excavation, shoring, backfilling, grading, compacting, forming, pouring, finishing, hauling, proper disposing, and incidentals for doing all the work involved complete in place and no additional compensation will be allowed therefor.

All Other Items of Work (NOT A BID ITEM)

Compensation for all other items of work that are not identified in this specifications shall be included in the other items of work and no additional compensation will be allowed.

APPENDIX “A”
STANDARD PLANS

CITY OF HUNTINGTON PARK

WATER MAIN REPLACEMENT PROJECT

**FY 2020/2021
PROJECT NO. 2019-07**

LIST OF STANDARD PLANS

Plan No.

Description

Standard Plans for Public Works Construction:

SPPWC 110-2	Driveway Approaches
SPPWC 111-5	Curb Ramp
SPPWC 112-2	Curb and Sidewalk Joints
SPPWC 113-2	Sidewalk and Driveway Replacement
SPPWC 120-2	Curb and Gutter – Barrier
SPPWC 122-2	Cross and Longitudinal Gutters
SPPWC 313-3	Local Depressions at Catch Basins
SPPWC 523-2	Root Pruning

Caltrans Standard Plans 2018:

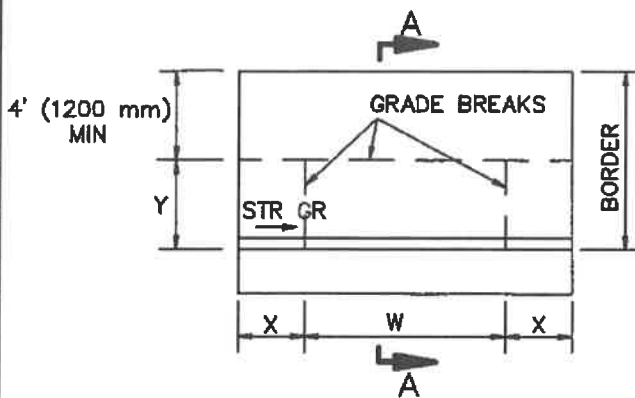
A20A	Pavement Markers and Traffic Lines
A24C, A24E, A24G	Pavement Markings, Arrows, Words, Symbols, Numerals, Limits & Crosswalk Lines

LA County Waterworks Districts Standard Plans:

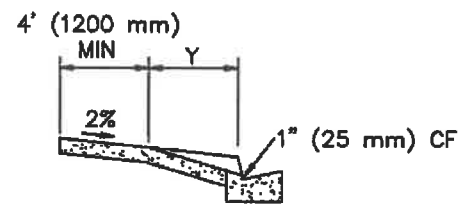
W-5	Service Connection and Meter
W-8	Fire Hydrant (200 PSI Right Angle)
W-15	Valve Box
W-21	Concrete Thrust Blocks
W-22	Cutting/Plugging Water Mains
W-35	Steel Pipe Joint Details
W-46	Pipe Trench
W-50	Water Mains/Sanitary Sewer

LA County Sanitation Districts:

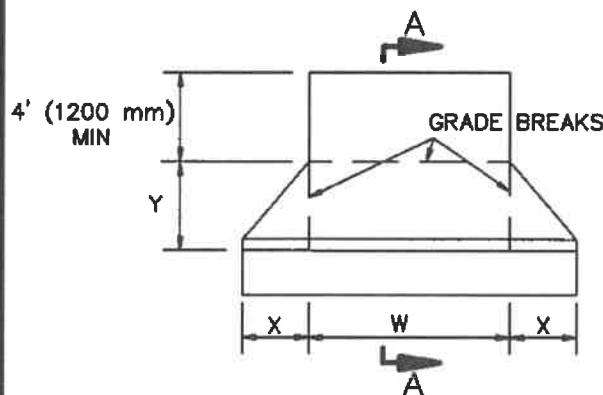
Adjustment of County Sanitation Districts Manholes to New Grade



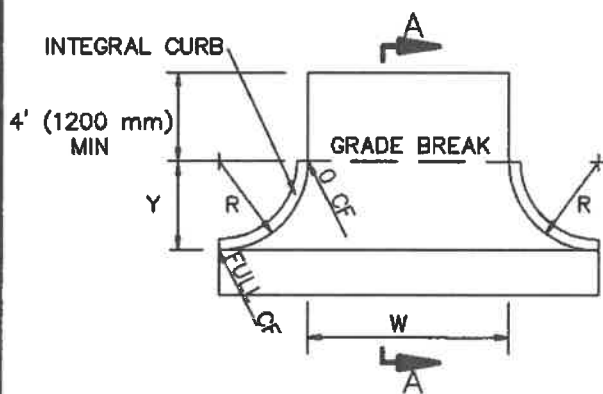
TYPE A



SECTION A-A



TYPE B



TYPE C

CURB FACE, inches (mm)	X, inches (mm)	Y, inches (mm)
6" (150) or less	3'-0" (900)	4'-0" (1200)
7" (175)	3'-6" (1050)	4'-9" (1425)
8" (200)	4'-0" (1200)	5'-8" (1700)
9" (225)	4'-6" (1350)	6'-6" (1950)
10" (250)	5'-0" (1500)	7'-3" (2175)
11" (275)	5'-6" (1650)	8'-0" (2400)
12" (300) or more	6'-0" (1800)	8'-9" (2625)

NOTES:

1. RESIDENTIAL DRIVEWAYS SHALL BE 4" (100 mm) THICK PCC.
2. COMMERCIAL DRIVEWAYS SHALL BE 6" (150 mm) THICK PCC.
3. WEAKENED PLANE JOINTS SHALL BE INSTALLED AT BOTH SIDES OF A DRIVEWAY AND AT 10' (3.0 m) INTERVALS.
4. CURB FOR TYPE C DRIVEWAY SHALL BE INTEGRAL AND MATCH ADJACENT CONSTRUCTION.
5. REFER TO LOCAL DEVELOPMENT REGULATIONS FOR AMERICANS WITH DISABILITIES ACCESS REQUIREMENTS AND MAXIMUM PERMITTED DRIVEWAY WIDTHS.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1984
REV. 1996, 2009

DRIVEWAY APPROACHES

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

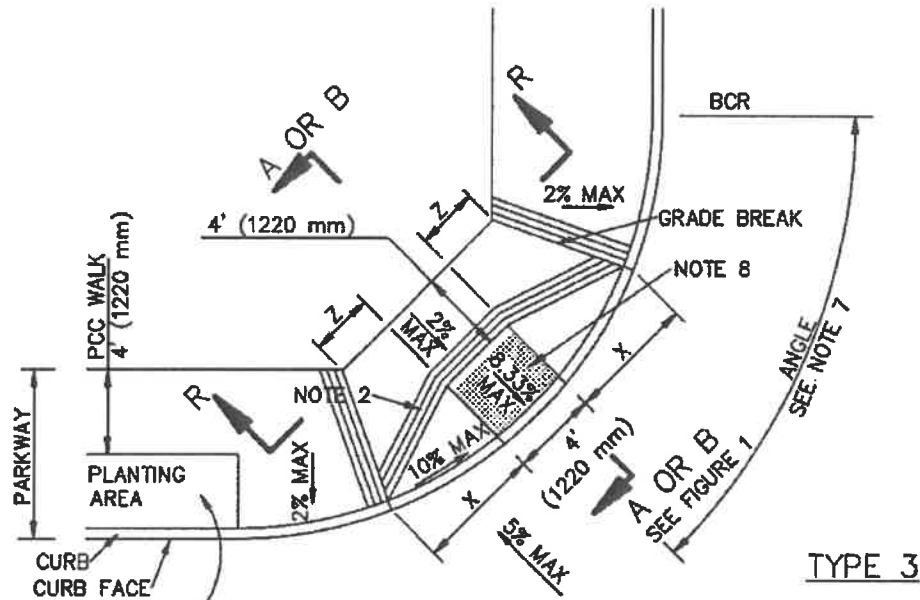
STANDARD PLAN

110-2

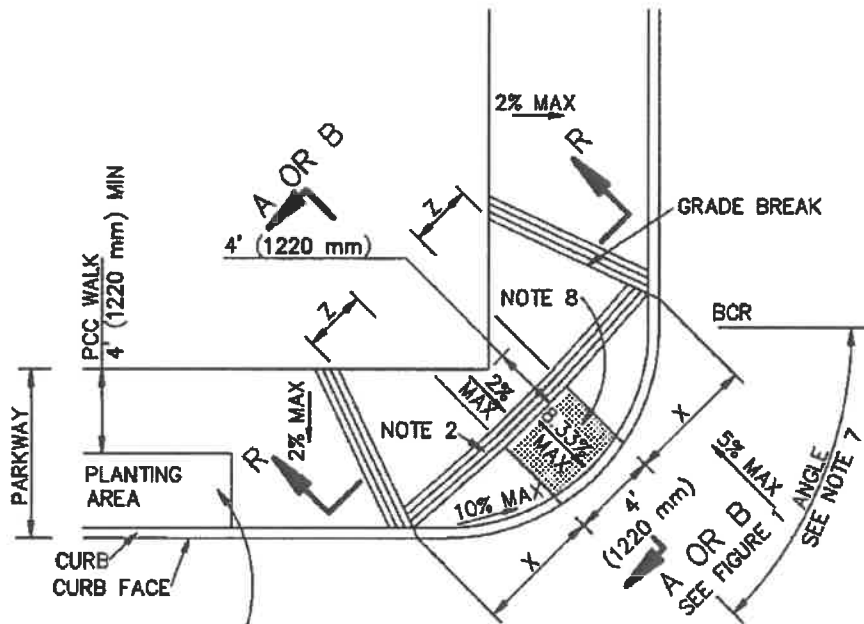
SHEET 1 OF 1



STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION		
PROMULGATED BY THE PUBLIC WORKS STANDARDS INC. GREENBOOK COMMITTEE 1992 REV. 1998, 2000, 2005, 2009, 2013	CURB RAMP USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION	STANDARD PLAN 111-5 SHEET 1 OF 10



WHERE PLANTING AREA IS
ADJACENT TO THE CURB RAMP,
USE CASE A, TYPE 6



WHERE PLANTING AREA IS
ADJACENT TO THE CURB RAMP,
USE CASE A, TYPE 6

TYPE 4

CASE A

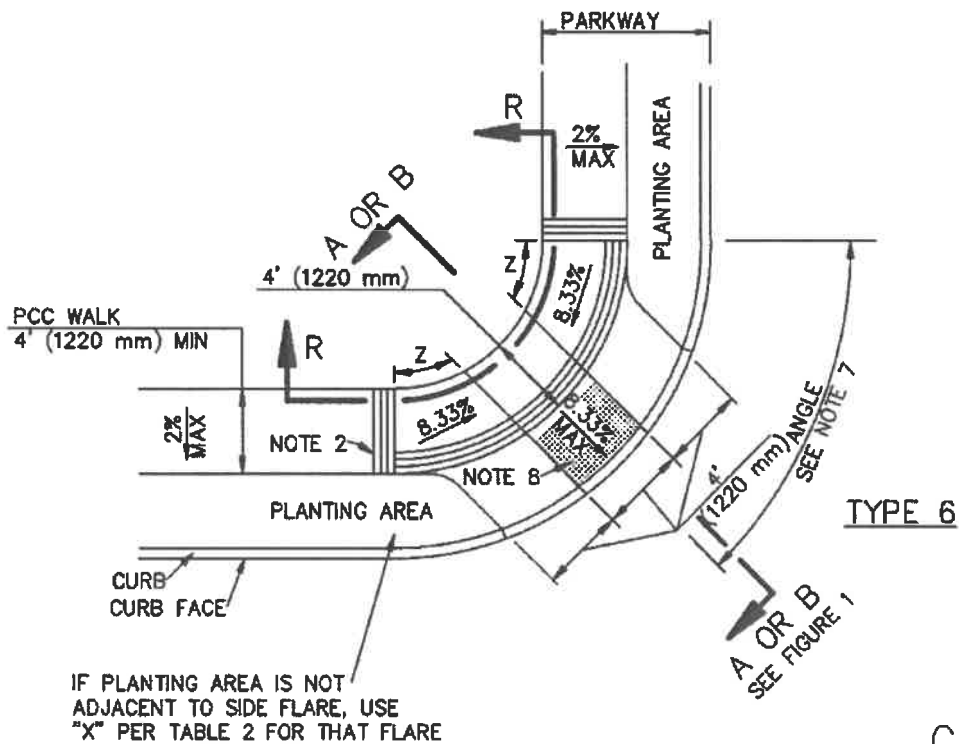
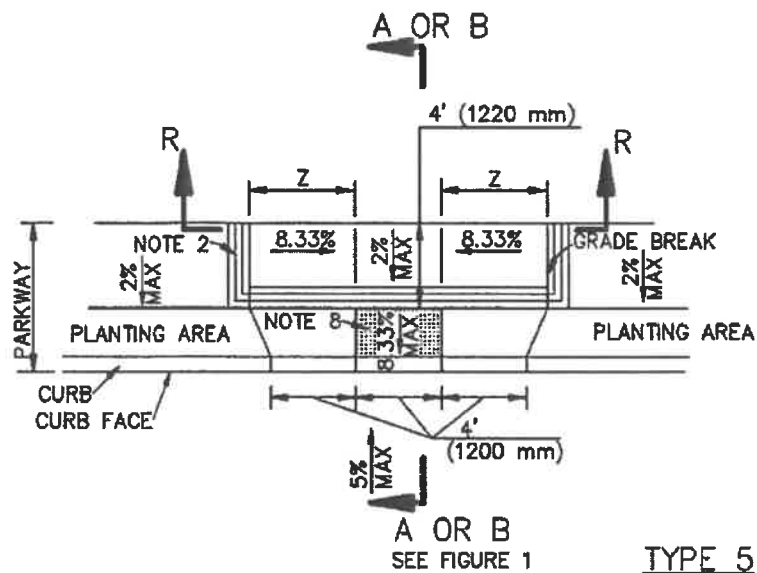
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

CURB RAMP

STANDARD PLAN

111-5

SHEET 2 OF 10



STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

CURB RAMP

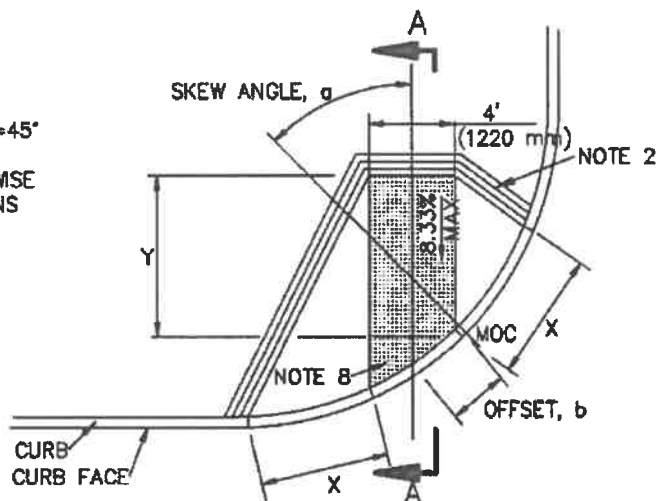
STANDARD PLAN

111-5

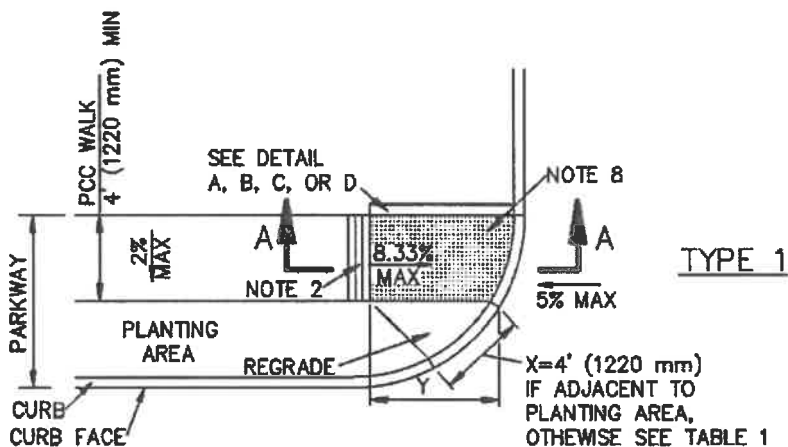
SHEET 3 OF 10



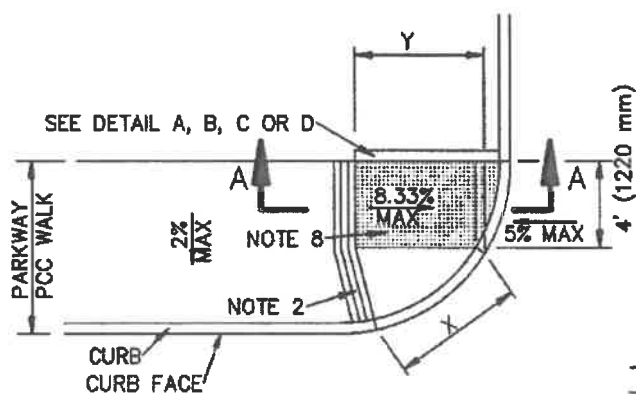
SKEW ANGLE $\alpha=45^\circ$
 OFFSET $b=0$
 UNLESS OTHERWISE
 NOTED ON PLANS



CASE C

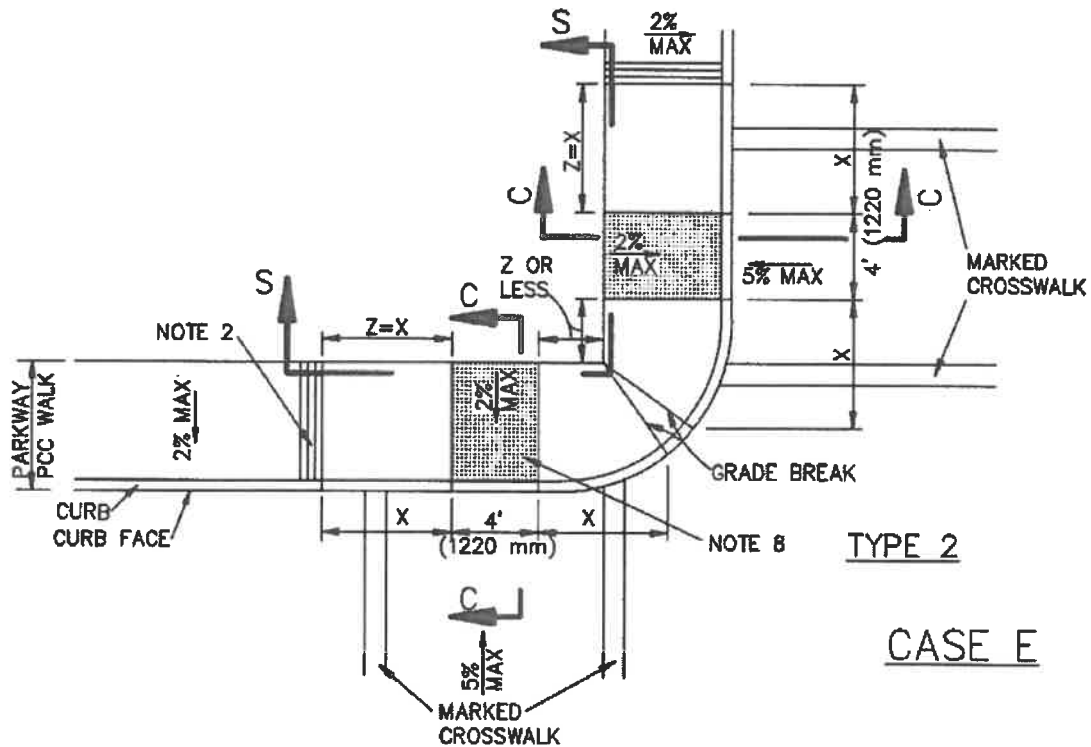
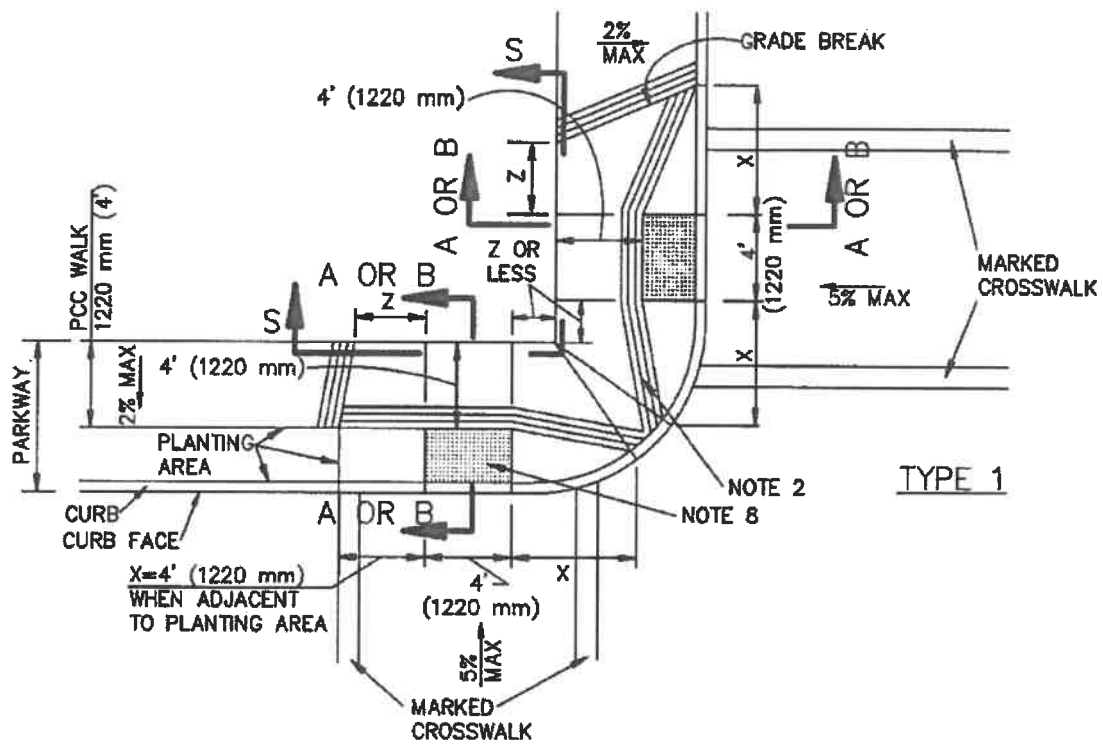


TYPE 1



TYPE 2

CASE D



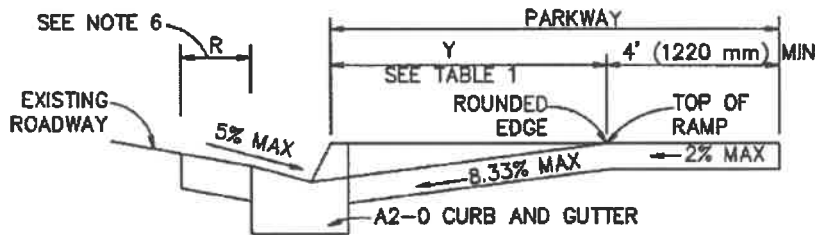
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

CURB RAMP

STANDARD PLAN

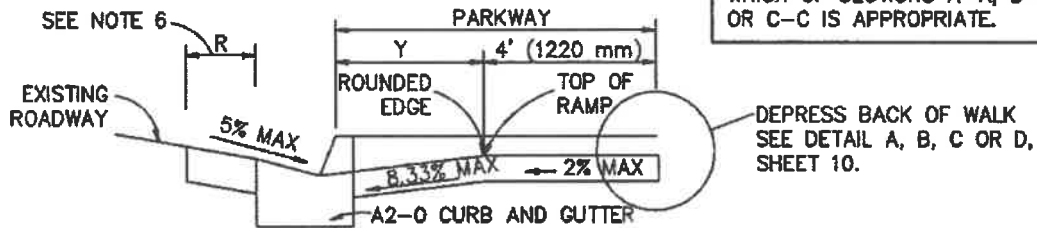
111-5

SHEET 6 OF 10

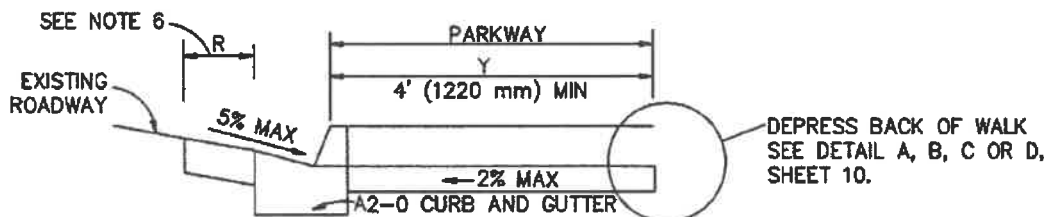


SECTION A-A

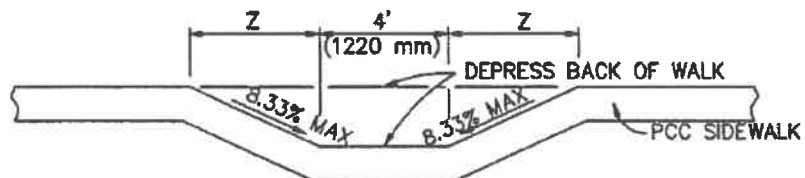
USE FIGURE 1 TO DETERMINE WHICH OF SECTIONS A-A, B-B OR C-C IS APPROPRIATE.



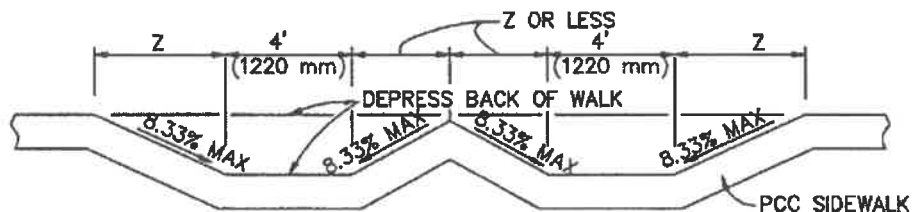
SECTION B-B



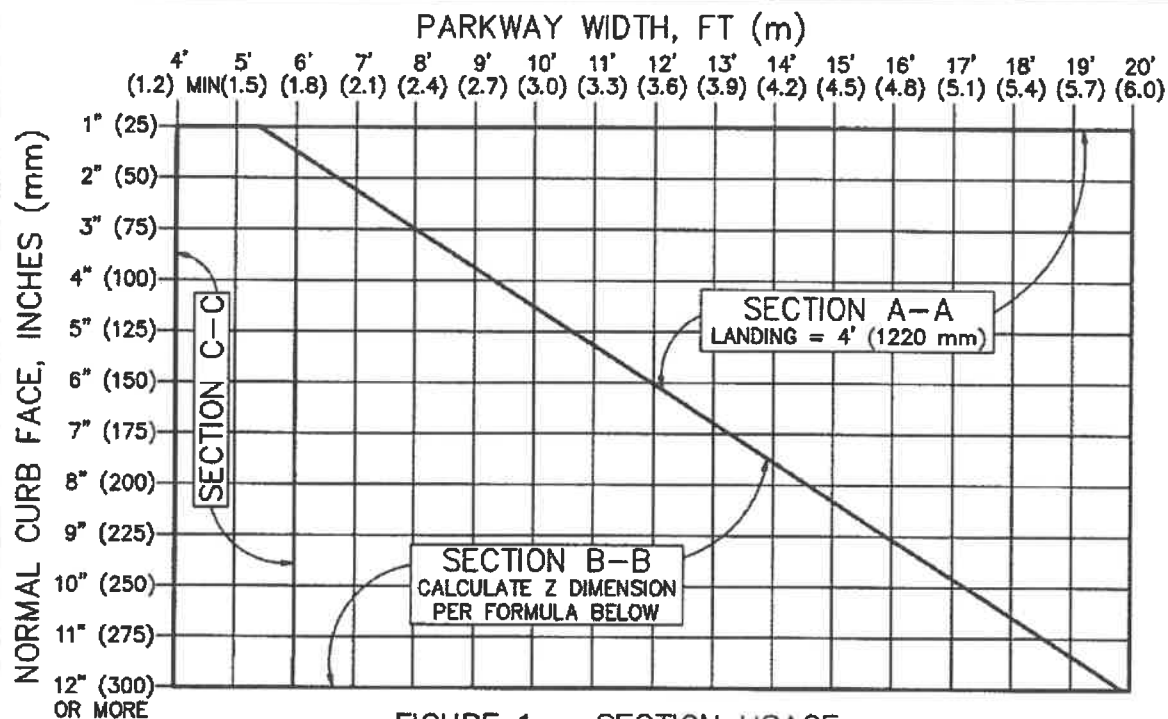
SECTION C-C



SECTION R-R



SECTION S-S



NORMAL CURB FACE, INCHES (mm)	X, FT (mm)	SECTION Y-Y Y, FT (mm)
2" (50)	4.00' (1220) MIN	2.63' (790)
3" (75)	4.00' (1220) MIN	3.95' (1185)
4" (100)	4.00' (1220) MIN	5.26' (1580)
5" (125)	4.17' (1275)	6.58' (1975)
6" (150)	5.00' (1525)	7.90' (2370)
7" (175)	5.83' (1775)	9.21' (2765)
8" (200)	6.67' (2035)	10.53' (3160)
9" (225)	7.50' (2285)	11.84' (3555)
10" (250)	8.33' (2540)	13.16' (3950)
11" (275)	9.17' (2795)	14.47' (4340)
12" (300)	10.00' (3050)	15.79' (4735)

WHERE FIGURE 1 SHOWS USE OF SECTION B-B, FIGURE Z DIMENSION AS FOLLOWS:

W = PARKWAY WIDTH
L = LANDING WIDTH, 4' (1220 mm) TYP
 $Z = [(Y+L)-W] \times 0.760$

IF $(Y+L) < W$, THEN $Z = 0$

SEE SHEET 9 FOR STREET SLOPE
ADJUSTMENT FACTORS, ALL STREETS

TABLE 1 – X AND Y VALUES

TABLE 1 REFERENCE FORMULAS:

$X = CF / 8.333\%$

$Y = CF / (8.333\% - 2\% \text{ WALK CROSS SLOPE})$

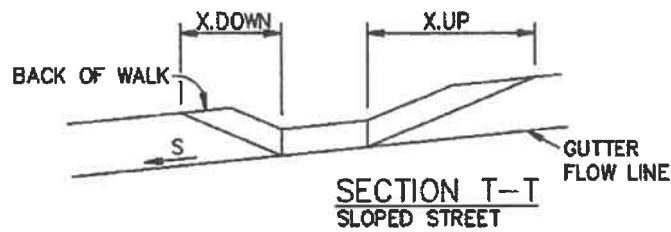
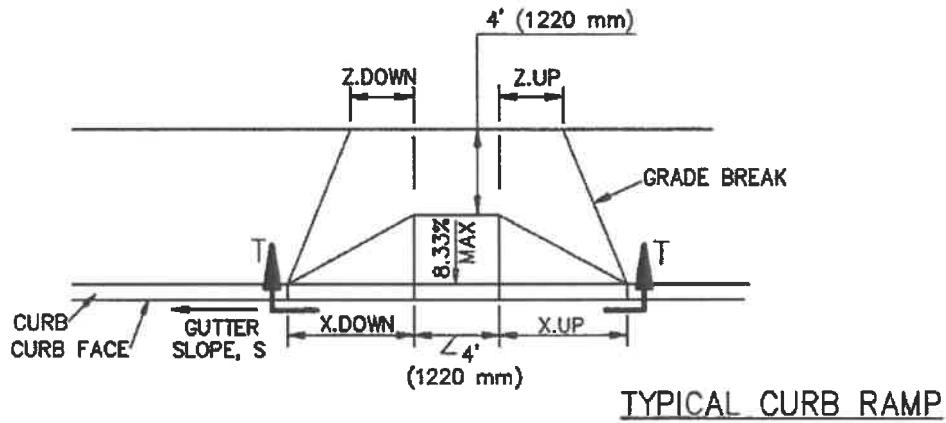
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

CURB RAMP

STANDARD PLAN

111-5

SHEET 8 OF 10



FOR SLOPED STREETS, MULTIPLY THE DIMENSIONS PARALLEL TO THE STREET, X AND Z, UPSTREAM AND DOWNSTREAM OF THE RAMP, BY THE FACTORS IN THE FOLLOWING TABLE.

FOR EXAMPLE, $X.DOWN = X \times K.DOWN$

S	K.DOWN	K.UP
0%	1.000	1.000
0.2%	0.977	1.025
0.5%	0.943	1.064
1%	0.893	1.136
2%	0.806	1.316
3%	0.735	1.563
4%	0.676	1.923
5%	0.625	2.500

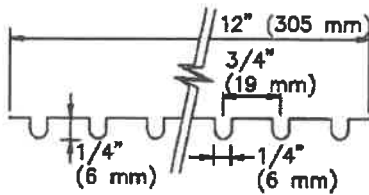
TABLE 2 — SLOPE ADJUSTMENTS

TABLE 2 REFERENCE FORMULAS:

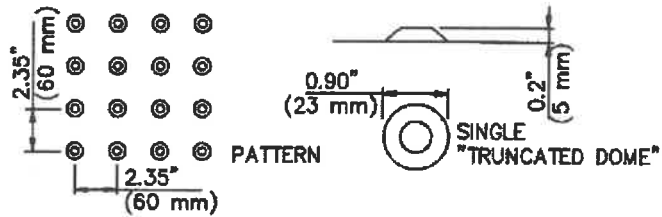
$$K.DOWN = 8.333\% / (8.333\% + S)$$

$$K.UP = 8.333\% / (8.333\% - S)$$

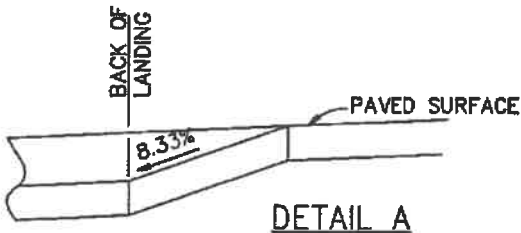
STREET SLOPE ADJUSTMENTS



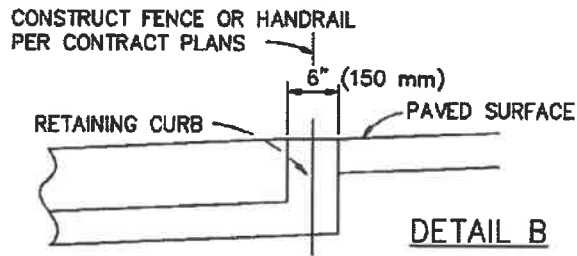
GROOVING DETAIL



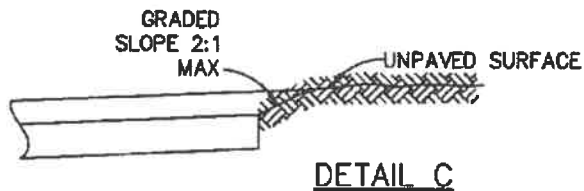
DETECTABLE WARNING DETAIL



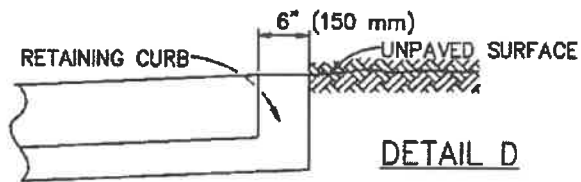
DETAIL A



DETAIL B



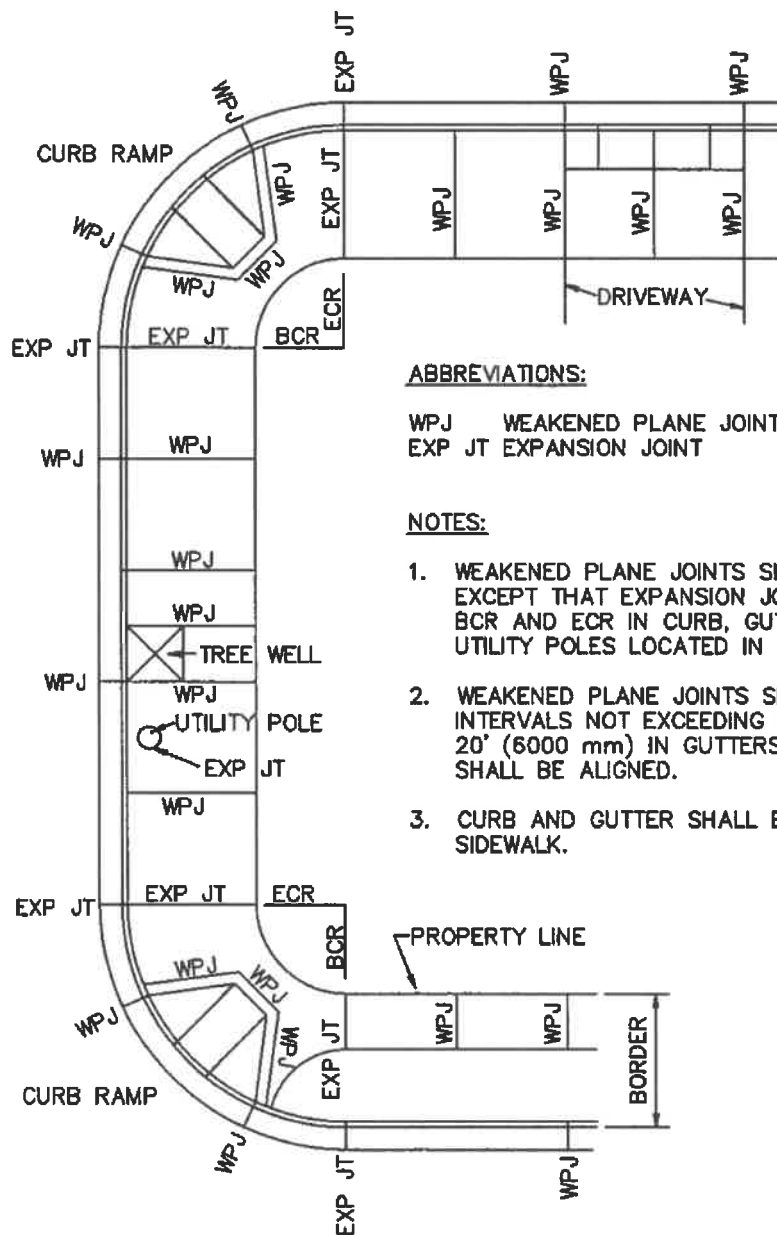
DETAIL C



DETAIL D

GENERAL NOTES:

1. CONCRETE SHALL BE CLASS 520-C-2500 (310-C-17) CONFORMING TO SSPWC 201-1.1.2 AND SHALL BE 4" (100 mm) THICK.
2. THE RAMP SHALL HAVE A 12" (305 mm) WIDE BORDER WITH 1/4" (6 mm) GROOVES APPROXIMATELY 3/4" (19 mm) OC. SEE GROOVING DETAIL.
3. THE RAMP SURFACE SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE CONFORMING TO SSPWC 303-1.9.
4. USE DETAIL "A" OR "B" IF EXISTING SURFACE BEHIND LANDING IS PAVED.
5. USE DETAIL "C" OR "D" IF EXISTING SURFACE BEHIND LANDING IS UNPAVED.
6. R = 3' (900 mm) UNLESS OTHERWISE SHOWN ON PLAN. SEE SHEET 7.
7. ANGLE = $\Delta/2$ UNLESS OTHERWISE SHOWN ON PLAN.
8. CONSTRUCT DETECTABLE WARNING SURFACE PER DETAIL THIS SHEET. MATERIALS SHALL BE PER CONTRACT DOCUMENTS.



ABBREVIATIONS:

WPJ WEAKENED PLANE JOINT BCR BEGINNING OF CURB RETURN
EXP JT EXPANSION JOINT ECR END OF CURB RETURN

NOTES:

1. WEAKENED PLANE JOINTS SHALL BE USED FOR ALL JOINTS, EXCEPT THAT EXPANSION JOINTS SHALL BE PLACED AT THE BCR AND ECR IN CURB, GUTTER AND SIDEWALK, AND AROUND UTILITY POLES LOCATED IN SIDEWALK AREAS.
2. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT REGULAR INTERVALS NOT EXCEEDING 10' (3000 mm) IN WALKS AND 20' (6000 mm) IN GUTTERS. JOINTS IN CURB AND WALK SHALL BE ALIGNED.
3. CURB AND GUTTER SHALL BE CONSTRUCTED SEPARATELY FROM SIDEWALK.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1984
REV. 1998, 2009

CURB AND SIDEWALK JOINTS

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

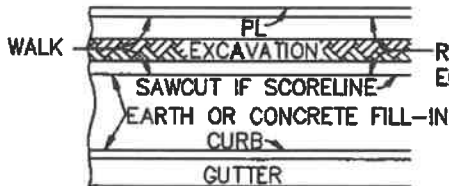
112-2

SHEET 1 OF 1

WALK OR FILL-IN REPLACEMENT FOR EXCAVATIONS MADE PARALLEL TO CURB OR PROPERTY LINE

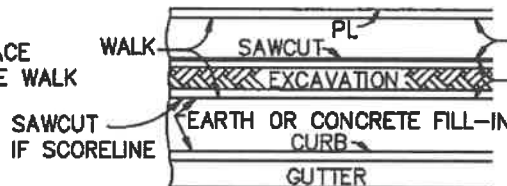
WALK ADJACENT TO PROPERTY LINE

WALK LESS THAN 5' (1500 mm) WIDE



REPLACE
ENTIRE WALK

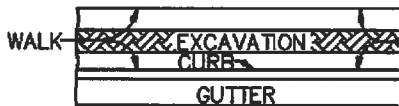
WALK 5' (1500 mm) WIDE OR MORE



IF LESS THAN 30"
(750 mm) REPLACE
ENTIRE WALK
REPLACE 30"
(750 mm) MIN

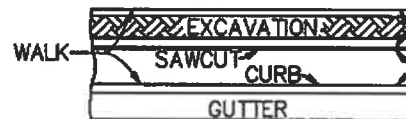
WALK ADJACENT TO CURB

WALK LESS THAN 5' (1500 mm) WIDE



REPLACE
ENTIRE WALK

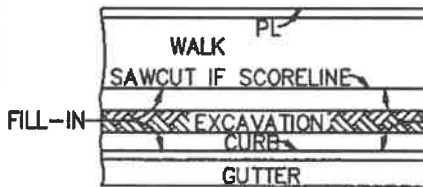
WALK 5' (1500 mm) WIDE OR MORE



REPLACE 30"
(750 mm) MIN
IF LESS THAN 30"
(750 mm) REPLACE
ENTIRE WALK

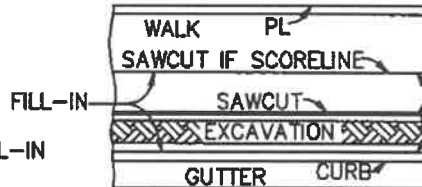
FILL-IN REPLACEMENT

FILL-IN LESS THAN 5' (1500 mm) WIDE



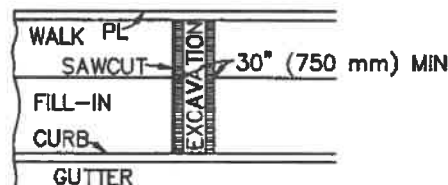
REPLACE
ENTIRE FILL-IN

FILL-IN 5' (1500 mm) WIDE OR MORE



IF LESS THAN 30"
(750 mm) REPLACE
ENTIRE FILL-IN
REPLACE 30"
(750 mm) MIN

WALK OR FILL-IN REPLACEMENT FOR EXCAVATIONS MADE NORMAL TO CURB OR PROPERTY LINE



THESE REQUIREMENTS ALSO APPLY TO ENDS OF PARALLEL EXCAVATIONS.

IF AN EXCAVATION FALLS WITHIN 30" (750 mm) OF AN EXPANSION JOINT, CONSTRUCTION JOINT, WEAKENED PLANE JOINT, OR EDGE, THE CONCRETE SHALL BE REMOVED AND REPLACED TO THE JOINT OR EDGE.

IF AN EXCAVATION FALLS WITHIN 12" (300 mm) OF A SCORELINE, THE CONCRETE SHALL BE REMOVED AND REPLACED TO THE SCORELINE. THE SCORELINE SHALL BE SAWCUT BEFORE CONCRETE REMOVAL.

THE MINIMUM LENGTH OF REPLACEMENT IN BOTH CASES SHALL BE 30" (750 mm).

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1993
REV. 1996, 2009

SIDEWALK & DRIVEWAY REPLACEMENT

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

113-2

SHEET 1 OF 2

NOTES

1. CONCRETE WALK, FILL-IN AND DRIVEWAYS REMOVED IN CONNECTION WITH CONSTRUCTION SHALL BE REPLACED TO NEATLY SAWED EDGES. ALL CUTS SHALL BE PARALLEL TO OR PERPENDICULAR TO THE CURB; ON CURVES, THE CUT SHALL BE RADIAL TO THE CURB.
2. DRIVEWAY APRONS IN WHICH THE "W" DISTANCE IS LESS THAN 11' (3300 mm) SHALL BE REPLACED IN THEIR ENTIRETY IF CUT IN ANY AREA.
3. DRIVEWAY APRONS IN WHICH THE "W" DISTANCE IS 11' (3300 mm) OR MORE MAY BE CUT WITHIN THE "W" SECTION. THE MINIMUM REPLACEMENT SHALL BE 30" (750 mm) IN LENGTH. THE MINIMUM DISTANCE ALLOWED BETWEEN SUCH CUTS SHALL BE 14' (4200 mm).
4. DRIVEWAY APRONS IN WHICH THE "W" DISTANCE IS 11' (3300 mm) OR MORE MAY BE CUT IN THE "X" OR "R" SECTION. REPLACEMENT SHALL BE THE ENTIRE "X" OR "R" SECTION.
5. DRIVEWAY APRONS SHALL BE REPLACED FROM THE BACK OF THE CURB TO THE FRONT EDGE OF THE WALK, EXCEPT, WHERE WALK IS ADJACENT TO CURB, REPLACEMENT SHALL BE FROM BACK OF CURB TO BACK OF WALK.
6. WALK PORTIONS OF DRIVEWAYS SHALL BE REPLACED AS SHOWN ABOVE FOR EXCAVATIONS MADE PARALLEL OR NORMAL TO CURB.
7. REPLACEMENT OF THE "X" OR "R" SECTION SHALL MATCH EXISTING CONSTRUCTION.

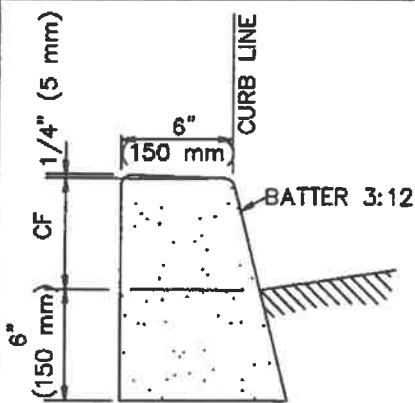
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

SIDEWALK & DRIVEWAY REPLACEMENT

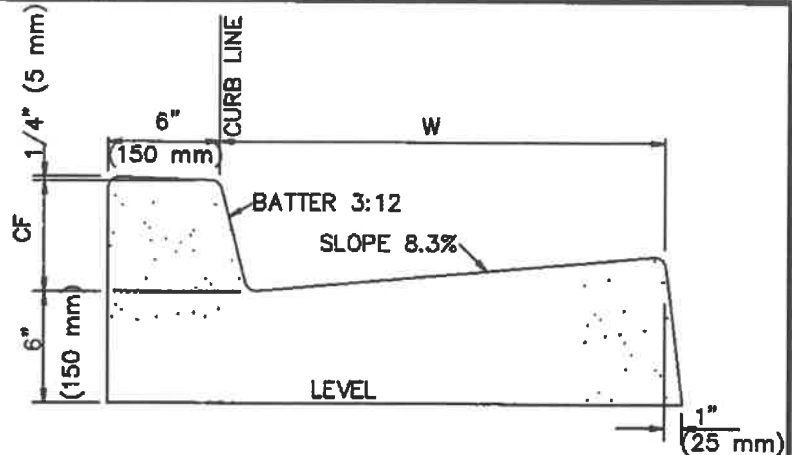
STANDARD PLAN

113-2

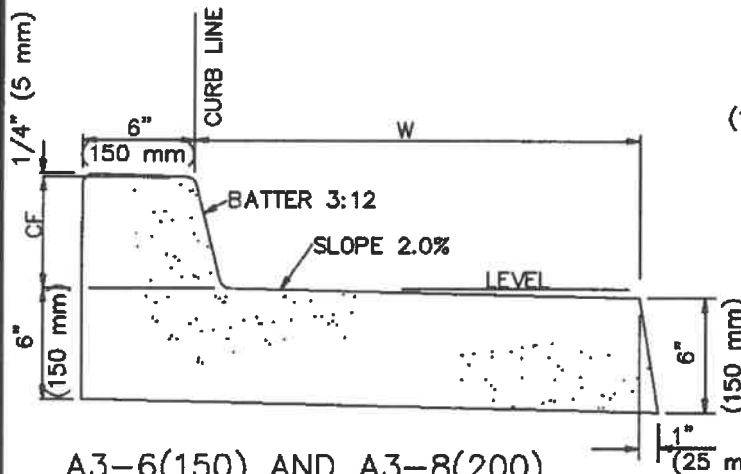
SHEET 2 OF 2



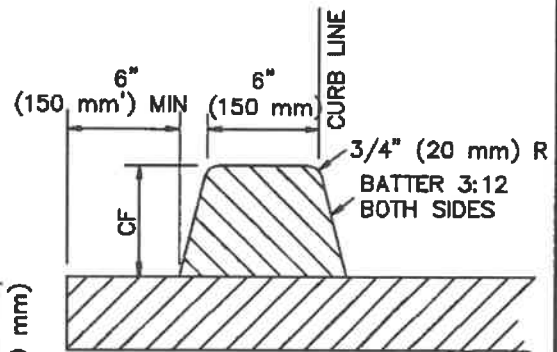
A1-6(150) AND
A1-8(200)



A2-6(150) AND A2-8(200)



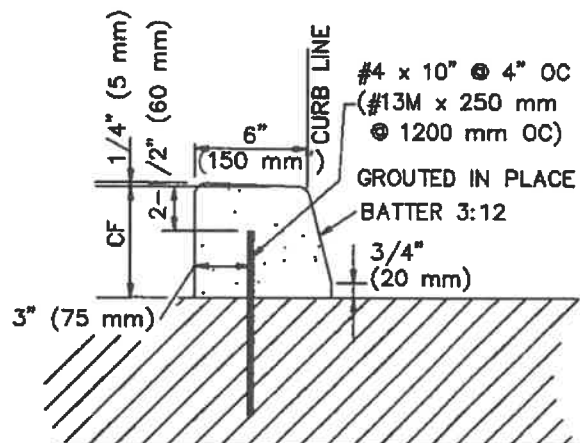
A3-6(150) AND A3-8(200)



D1-6(150) AND
D1-8(200)

NOTES:

1. THE LAST NUMBER IN THE DESIGNATION IS THE CURB FACE (CF) HEIGHT, INCHES (mm).
2. GUTTER WIDTH, W, IS 24" (600 mm) UNLESS OTHERWISE SPECIFIED.
3. TYPES A1, A2, A3 AND C1 SHALL BE CONSTRUCTED FROM PCC.
4. TYPE D1 CURB SHALL BE CONSTRUCTED FROM ASPHALT CONCRETE.
5. TYPE C1 CURB SHALL BE ANCHORED WITH STEEL DOWELS AS SHOWN OR WITH AN EPOXY APPROVED BY THE ENGINEER.
6. ALL EXPOSED CORNERS ON PCC CURBS AND GUTTERS SHALL BE ROUNDED WITH A 1/2" (15 mm) RADIUS.



C1-6(150) AND C1-8(200)

STANDARD PLAN FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1984
REV. 1996, 2009

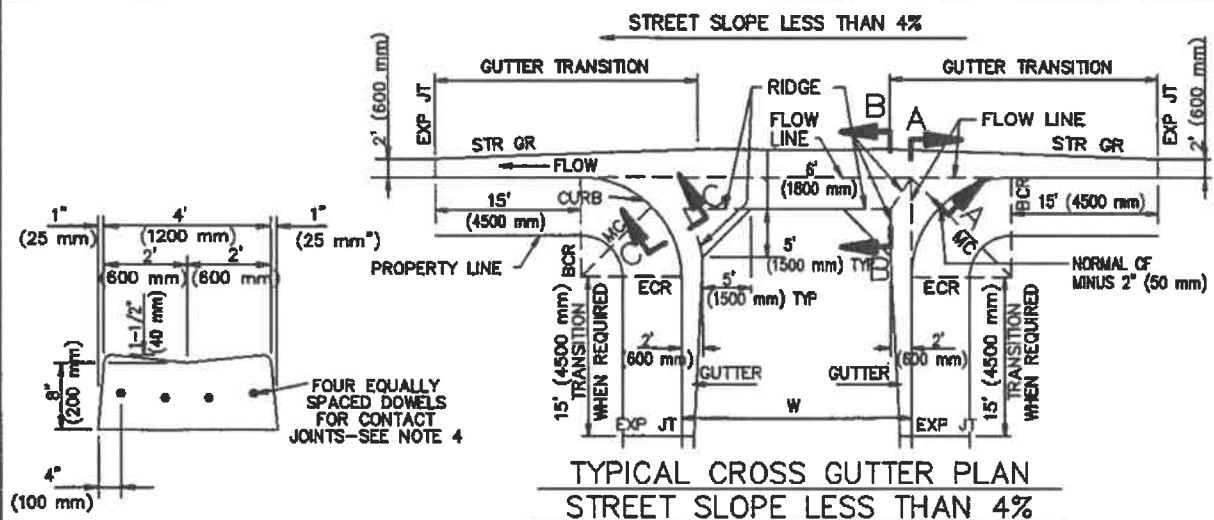
CURB AND GUTTER - BARRIER

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

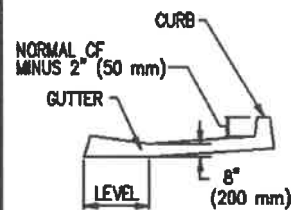
STANDARD PLAN

120-2

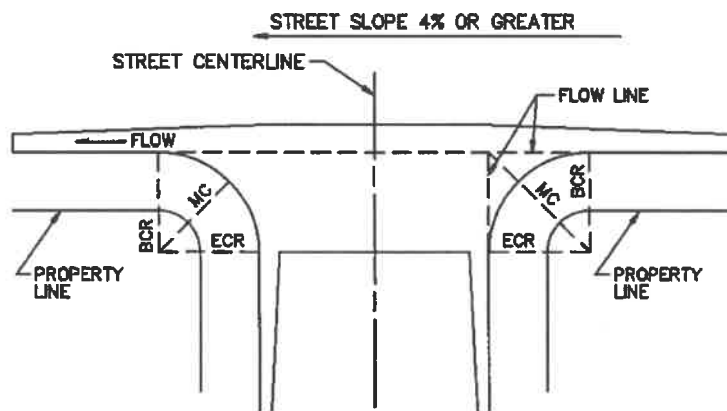
SHEET 1 OF 1



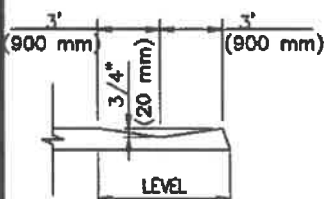
LONGITUDINAL
GUTTER



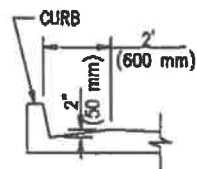
SECTION A-A



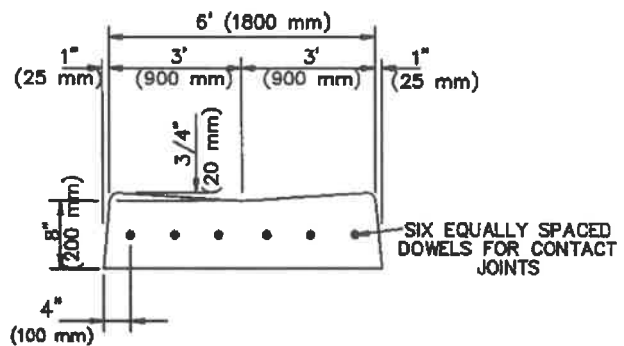
TYPICAL CROSS GUTTER PLAN
STREET SLOPE MORE THAN 4%



SECTION B-B



SECTION C-C



SECTION D-D

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1984
REV. 1996, 2009

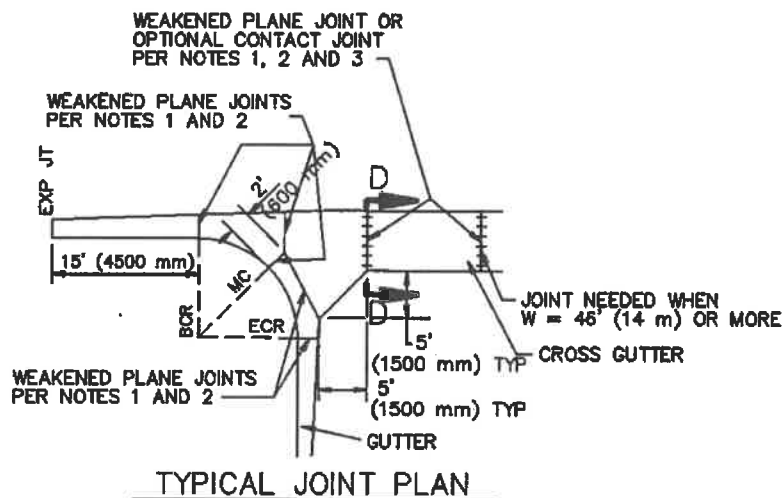
CROSS AND LONGITUDINAL GUTTERS

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

122-2

SHEET 1 OF 2



NOTES:

1. WEAKENED PLANE AND/OR CONTACT JOINTS SHALL BE PLACED IN CURB AND GUTTER AT LOCATIONS SHOWN ON THE TYPICAL JOINT PLAN HEREON.
2. WEAKENED PLANE JOINTS SHALL BE PLASTIC CONTROL JOINTS OR 1-1/2" (40 mm) DEEP SAW CUTS. CONCRETE SAWING SHALL TAKE PLACE WITHIN 24 HOURS AFTER CONCRETE IS PLACED.
3. DOWELS FOR CONTACT JOINTS SHALL BE #4 BARS 18" LONG (#13M BARS 450 mm LONG).
4. PLACE A WEAKENED PLANE OR CONTACT JOINT WHERE LONGITUDINAL ALLEY GUTTER JOINS CONCRETE ALLEY INTERSECTION.
5. ALL EXPOSED CORNERS ON PCC GUTTERS SHALL BE ROUNDED WITH 1/2" (15 mm) RADIUS.
6. CONCRETE SHALL BE INTEGRAL WITH CURB UNLESS OTHERWISE SPECIFIED.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

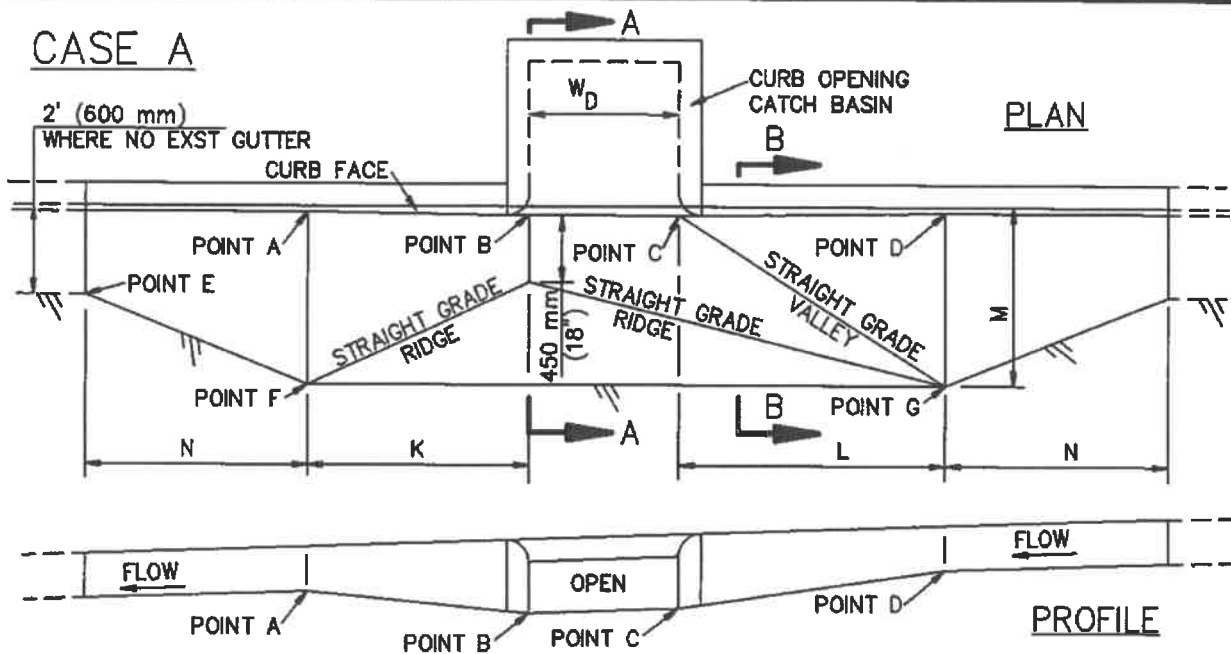
CROSS AND LONGITUDINAL GUTTERS

STANDARD PLAN

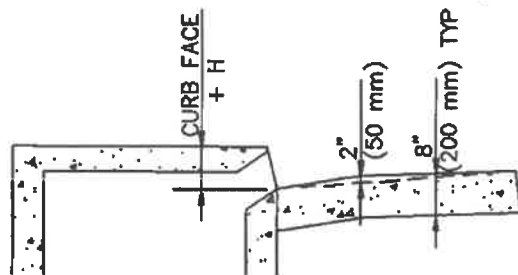
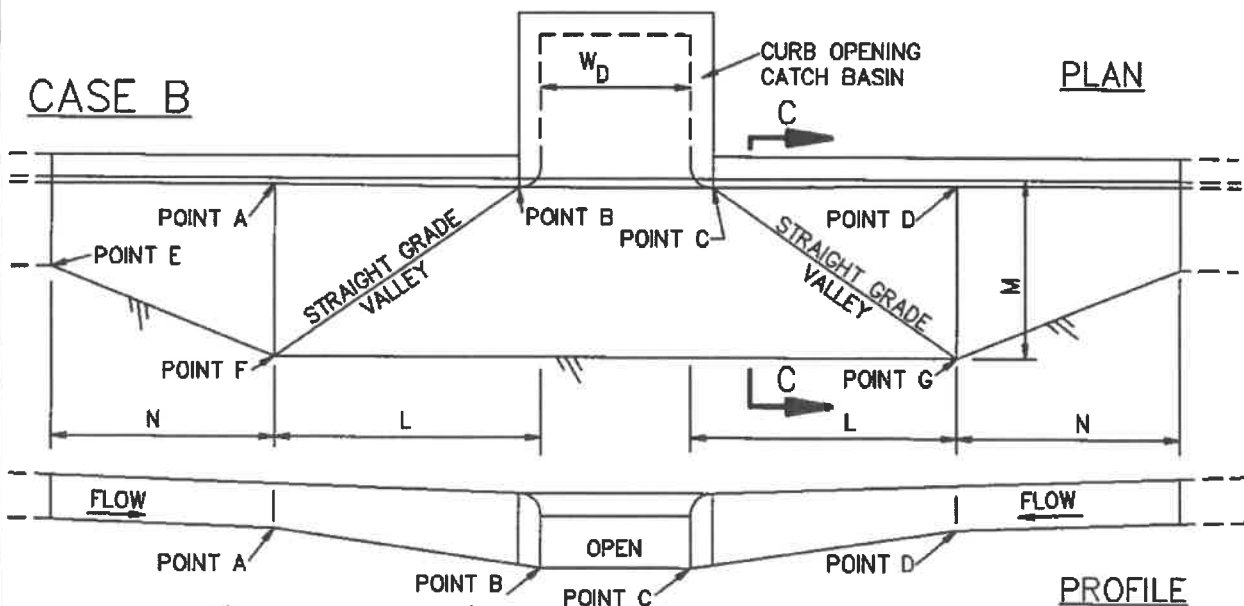
122-2

SHEET 2 OF 2

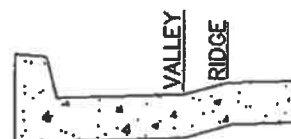
CASE A



CASE B



SECTION A-A



SECTION B-B



SECTION C-C

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1984
REV. 1996, 2005, 2009

LOCAL DEPRESSIONS AT CATCH BASINS

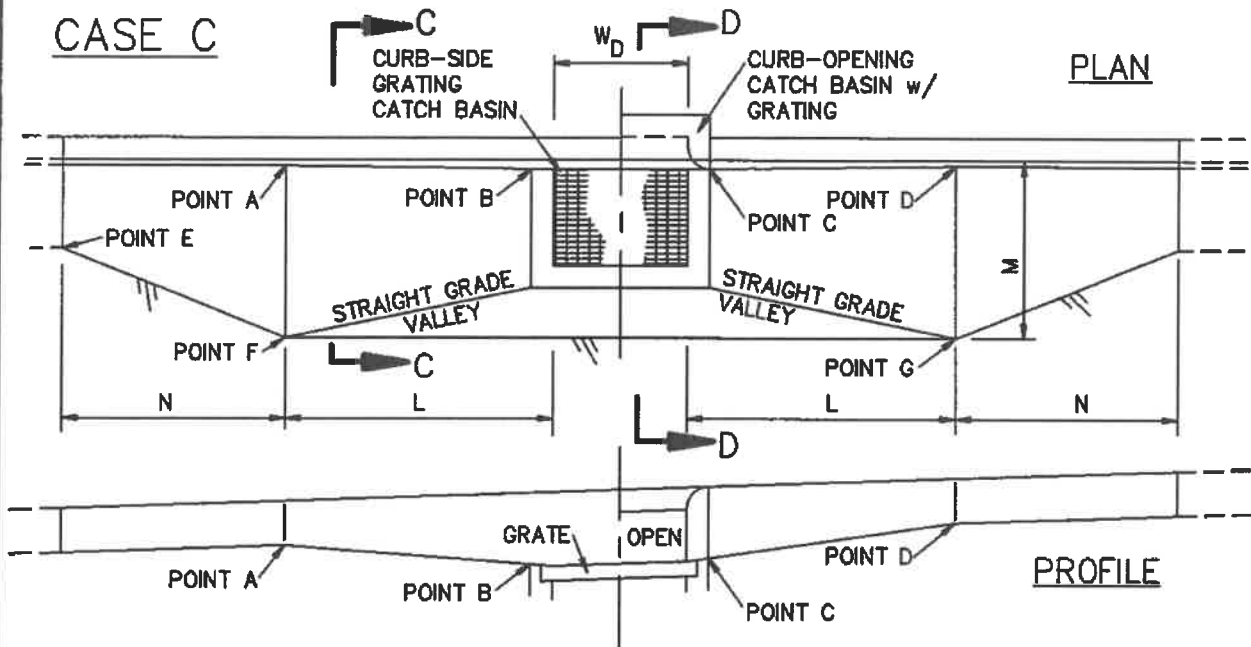
USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

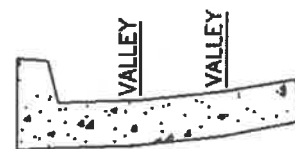
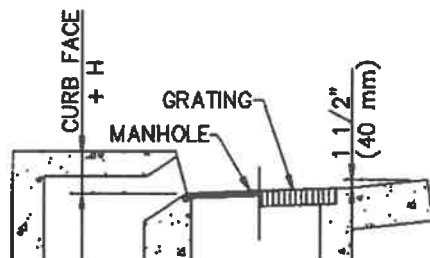
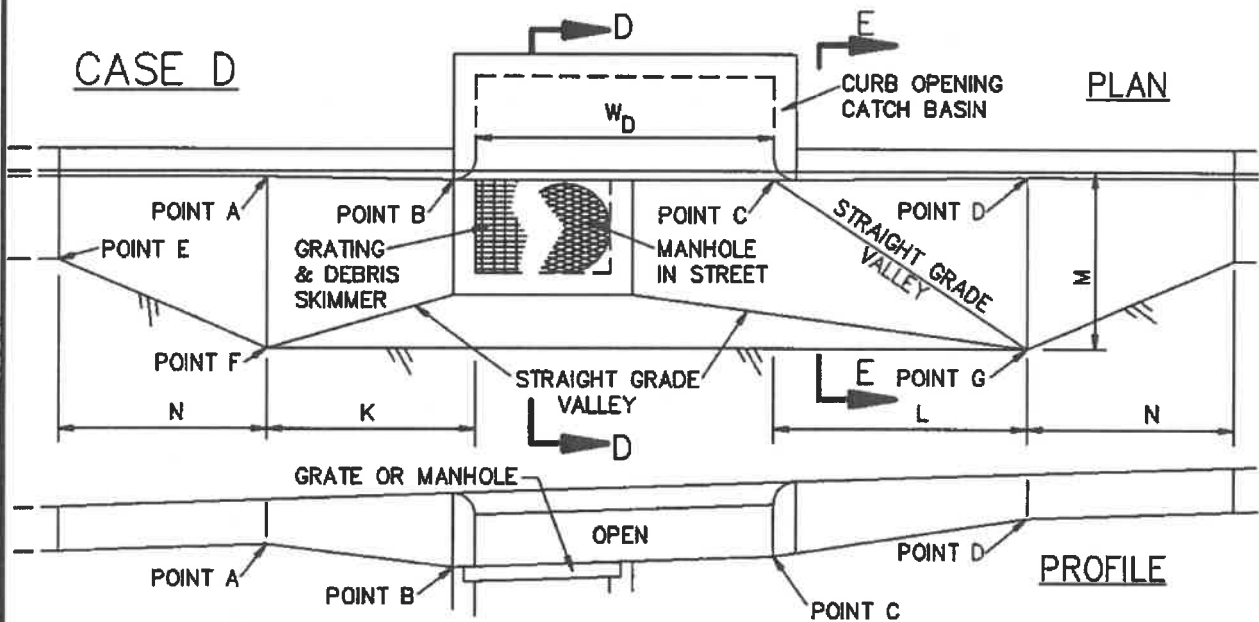
313-3

SHEET 1 OF 4

CASE C



CASE D



STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

LOCAL DEPRESSIONS AT CATCH BASINS

STANDARD PLAN

313-3

SHEET 2 OF 4

NOTES:

1. ALL EXPOSED EDGES SHALL BE ROUNDED TO A 1/2" (15 mm) RADIUS.
2. THE CURB FACE AT POINTS A AND D SHALL BE THE NORMAL CURB FACE OF THE ADJACENT CURB. AT POINTS B AND C, THE CURB FACE SHALL BE THE NORMAL CURB FACE OF THE ADJACENT CURB PLUS H. (SEE APPLICABLE CATCH BASIN STANDARD PLAN.)
3. IN EXISTING STREETS WHERE NO PAVEMENT RECONSTRUCTION IS SPECIFIED ON THE PLANS, THE ELEVATION OF THE OUTER EDGE OF THE LOCAL DEPRESSION SHALL MEET THE FINISHED STREET SURFACE.
4. IN NEW STREETS OR IN EXISTING STREETS WHERE PAVEMENT RECONSTRUCTION IS SPECIFIED ON THE PLANS:

THE ELEVATIONS OF POINTS F AND G SHALL BE SET H1 HIGHER THAN THE GUTTER FLOW LINE ELEVATIONS AT POINTS A AND D, RESPECTIVELY.

THE ELEVATIONS OF POINTS P AND R SHALL BE SET H2 HIGHER THAN THE GUTTER FLOW LINE ELEVATIONS AT POINTS B AND C, RESPECTIVELY.

THE ELEVATION OF POINT S SHALL BE SET H2 HIGHER THAN THE ELEVATION AT THE NEAREST GUTTER FLOW LINE.

WHERE THERE IS NO GUTTER ADJACENT TO THE LOCAL DEPRESSION, THE ELEVATION OF POINT E SHALL BE SET H3 HIGHER THAN THE ELEVATION AT THE NEAREST TOE OF CURB.

5. DIMENSIONS:

H, H1, H2 AND H3 SHALL BE AS NOTED ON THE PLANS.

G = 24" (600 mm)

K = 5'-0" (1500 mm)

L = 6'-0" (1800 mm)

M = 4'-0" (1200 mm)

N = 5'-0" (1500 mm)

W_D = CATCH BASIN W FOR SINGLE CATCH BASIN OR DISTANCE BETWEEN EXTREME END WALLS FOR MULTIPLE CATCH BASINS.

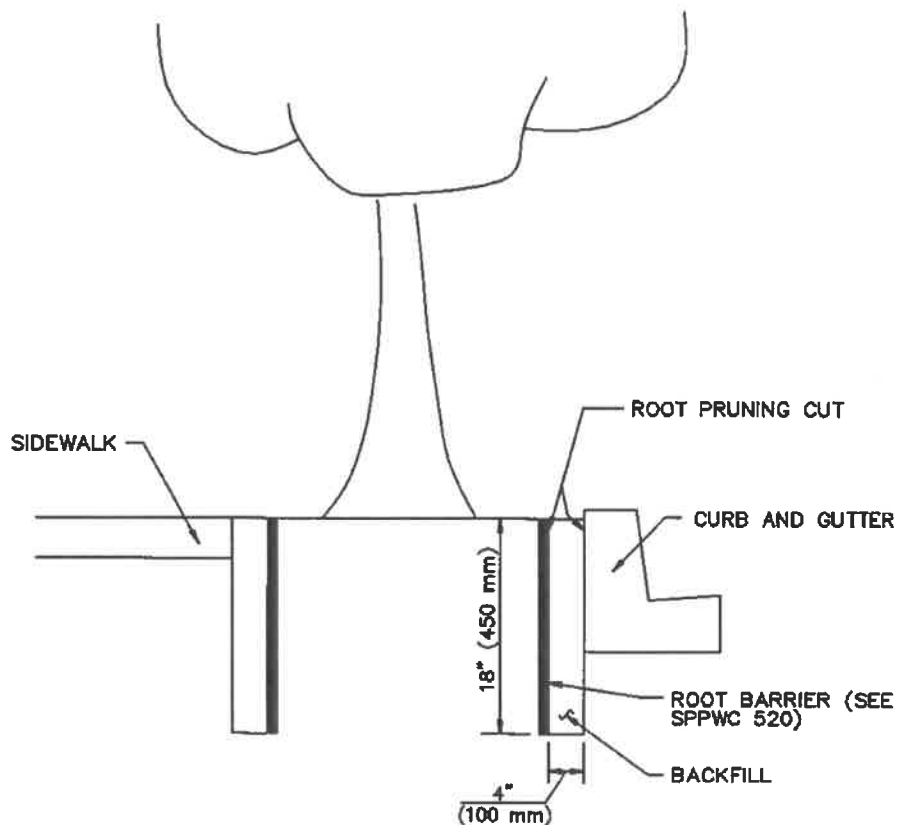
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

LOCAL DEPRESSIONS AT CATCH BASINS

STANDARD PLAN

313-3

SHEET 4 OF 4



NOTES:

1. WHERE EXISTING PARKWAY TREES HAVE BEEN ROOT PRUNED, INSTALL CONTINUOUS, LINEAL ROOT BARRIER ADJACENT TO THE CURB AND/OR SIDEWALK.
2. LENGTH AND LOCATION OF ROOT BARRIER SHALL BE DETERMINED BY ENGINEER.
3. ROOT SEALER SHALL BE APPROVED BY THE ENGINEER AT LEAST 48 HOURS IN ADVANCE OF THE PRUNING OPERATION. IT SHALL BE APPLIED TO ALL CUT ROOT AREAS WHICH ARE LARGER THAN 2" (50 mm) IN DIAMETER. THE SEALER SHALL BE APPLIED AS SOON AS PRACTICAL AFTER THE CUTS HAVE BEEN MADE.
4. ROOT BARRIERS SHALL BE FABRICATED FROM A HIGH DENSITY, HIGH IMPACT PLASTIC AND BE EXPRESSLY DESIGNED FOR THE PURPOSE OF ROOT DEFLECTION.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARD, INC.
GREENBOOK COMMITTEE
1984
REV. 1996, 2008

ROOT PRUNING

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

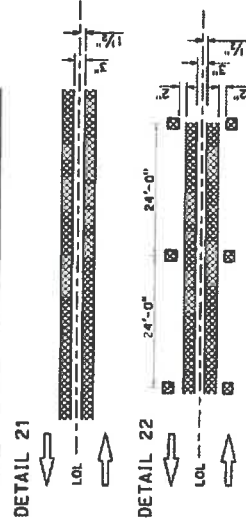
523-2

SHEET 1 OF 1

DIST	COUNTY	ROUTE	POST MILE	PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER
John J. [Signature]
 May 31, 2018
 PLANS APPROVAL DATE
 THE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS
 OF THE STATE OF CALIFORNIA
 NO. 00000
 EXPIRATION DATE 12-31-19

NO PASSING ZONES-TWO DIRECTION



DETAIL 23 DELETED

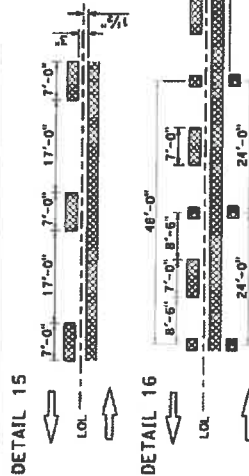
LEGEND

- MARKERS**
- TYPE C RED-CLEAR RETROREFLECTIVE
 - TYPE D TWO-WAY YELLOW RETROREFLECTIVE
 - TYPE G ONE-WAY CLEAR RETROREFLECTIVE
 - TYPE H ONE-WAY YELLOW RETROREFLECTIVE

LINES

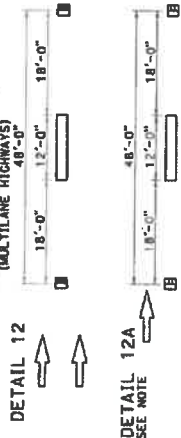
- 6" WHITE
- 6" YELLOW

NO PASSING ZONES-ONE DIRECTION



DETAIL 17 DELETED

LANELINES (Cont)

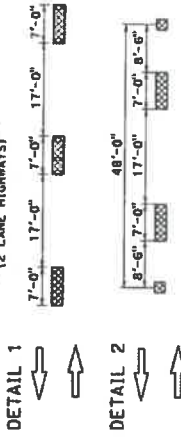


DETAIL 13 DELETED

DETAIL 14 DELETED

DETAIL 14A DELETED

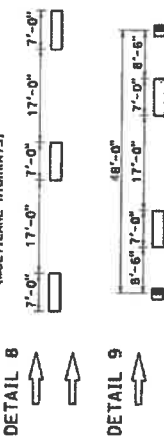
CENTERLINES



DETAIL 3 DELETED

DETAIL 4 DELETED

LANELINES



DETAIL 9A DELETED

DETAIL 10 DELETED

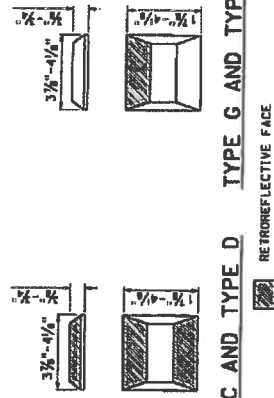


NOTE:
FOR FREEWAY APPLICATION ONLY

DETAIL 20 DELETED

DETAIL 20 DELETED

TYPE C AND TYPE D TYPE G AND TYPE H



PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

NO SCALE

A20A

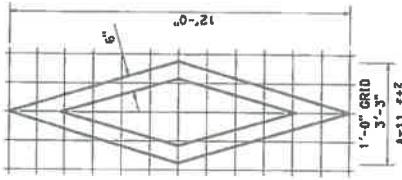
Return to Table of Contents

DATE	COUNTY	ROUTE	POST-MILEAGE	SECTION

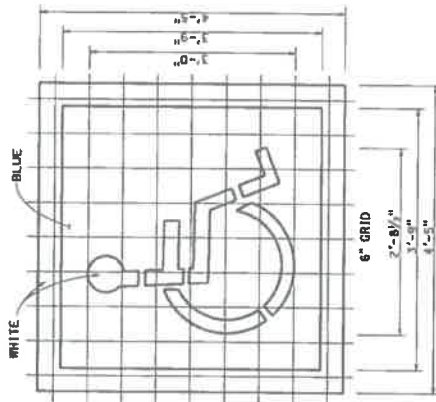
John F. Smith
REGISTERED CIVIL ENGINEER

APPROVAL DATE: MAY 31, 2018
PLANS APPROVED BY: [Signature]
THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
THE DESIGN OF THIS PLAN SHEET IS THE PROPERTY OF THE STATE OF CALIFORNIA
NO PART OF THIS PLAN SHEET IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

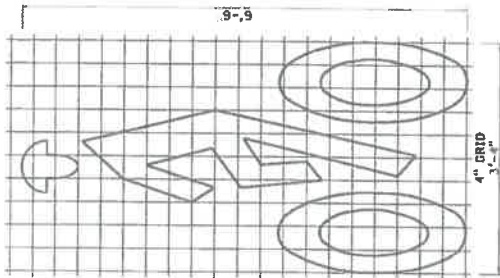
NOTE:
Minor variations in dimensions may be accepted by the Engineer.



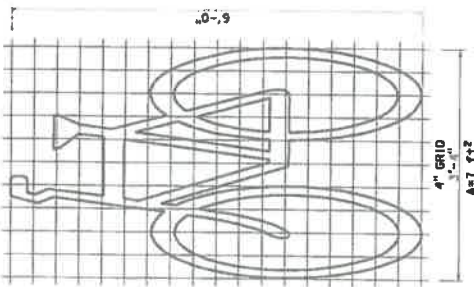
DIAMOND SYMBOL



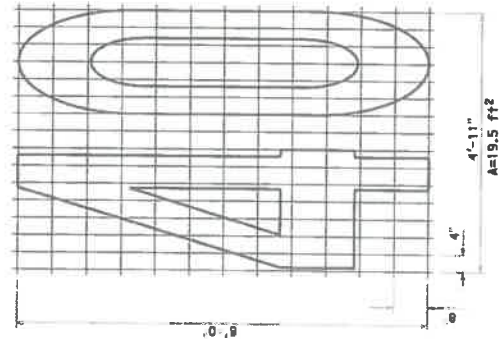
INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING



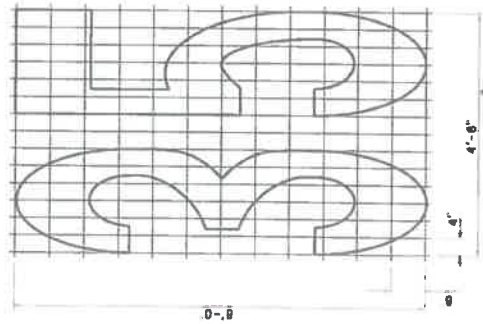
BIKE LANE SYMBOL WITH PERSON



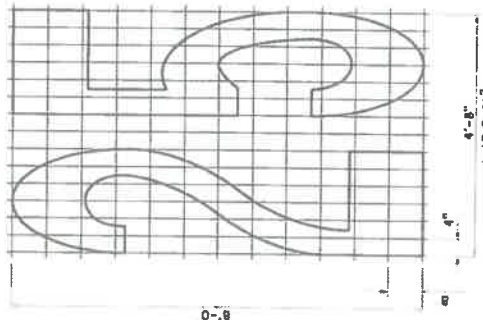
BIKE LANE SYMBOL WITHOUT PERSON



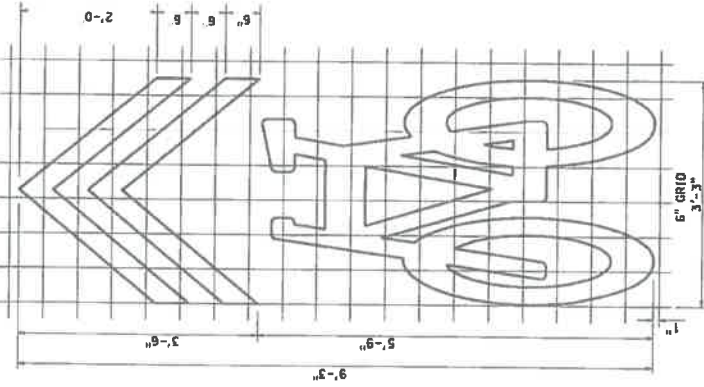
BICYCLE LOOP DETECTOR SYMBOL



NUMERALS



NUMERALS



SHARED ROADWAY BICYCLE MARKING

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKINGS
SYMBOLS AND NUMERALS**

NO SCALE

A24C

Return to Table of Contents

COUNTY ROUTE

REGISTERED CIVIL ENGINEER
October 19, 2018
DATE
THE STATE OF CALIFORNIA
OFFICE OF THE REGISTERED CIVIL ENGINEER
FOR THE STATE OF CALIFORNIA
NO. 2-31-19
CIVIL ENGINEER
ALFRED PERAZA
STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED

ITEM	ITEM	ITEM	ITEM
LANE	24	NO	14
POOL	23	BINE	21
CAR	17	BUS	20
CLEAR	27	ONLY	22
KEEP	24	FWY	16
HOV	18	EXPRS	30
TRAIL	23		

NOTES:

- If a message consists of more than one word, it must read top to bottom, i.e., the first word must be nearest the driver.
- The space between words must be at least four times the height of the characters for low speed markings and at least twice the height of the characters for the remaining markings. The space may be reduced appropriately where there is limited space because of local conditions.
- Minor variations in dimensions may be accepted by the Engineer.
- Portions of a letter, number or symbol may be used if they do not exceed 25% of the original width.
- The words "NO PARKING" pavement marking is to be used for parking facilities. For locations and A308.
- The words "NO PARKING" shall be painted in white on a dark background or high on a contrasting background for enforcement purposes.

LANE
A=24 f+2

CLEAR
A=27 f+2

KEEP
A=21 f+2

ONLY
A=22 f+2

NO
A=14 f+2

POOL
A=23 f+2

TRAIL
A=23 f+2

EXPRESS
A=30 f+2

HOV
A=18 f+2

NO PARKING
A=17 f+2

NO PARKING
A=2 f+2
See Notes 5 and 6

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS
WORDS

NO SCALE

RSP A24E DATED OCTOBER 19, 2018 SUPERSEDES STANDARD PLAN A24E
DATED MAY 31, 2018 - PAGE 21 OF THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP A24E

DATE	COUNTY	ROUTE	POST MILES TO PROJECT	SHEET TOTAL
				100 SHEETS

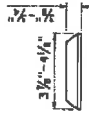
REGISTERED CIVIL ENGINEER
October 19, 2018
 PLANS APPROVAL DATE
 I HAVE REVIEWED THESE PLANS AND AM Satisfied THAT THEY COMPLY WITH THE ACTING OF COMPETENCIES OF ENGINEERS OF THIS STATE.

TO ACCOMPANY PLANS DATED _____

LEGEND
MARKERS

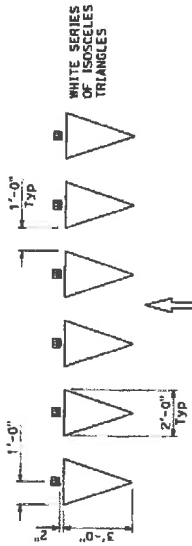
TYPE R ONE-WAY RED RETROREFLECTIVE

MARKER DETAILS

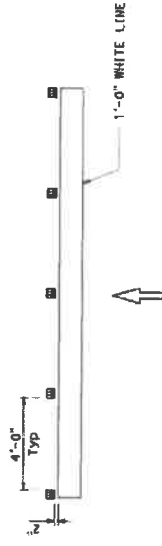


TYPE R

RETROREFLECTIVE FACE ON BACKSIDE



YIELD LINE AT EXIT RAMP



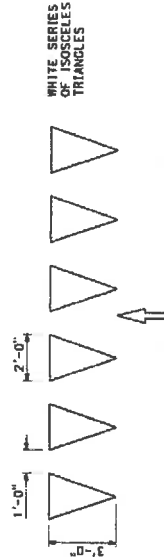
LIMIT LINE (STOP LINE) AT EXIT RAMP

NOTE:

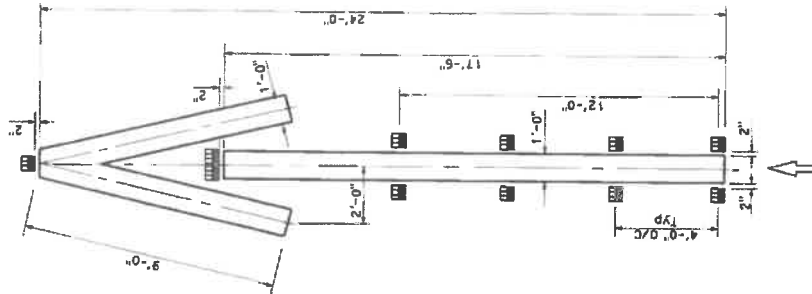
1. If there is crosswalk at the end of the exit ramp, place Type R markers in front of the first line for wrong way vehicle that travels up the ramp with the red reflective side facing the intersection.



LIMIT LINE (STOP LINE)



YIELD LINE



A=33 ft²

TYPE V ARROW AT EXIT RAMP

**PAVEMENT MARKINGS
YIELD LINES, LIMIT LINES,
AND WRONG WAY DETAILS**

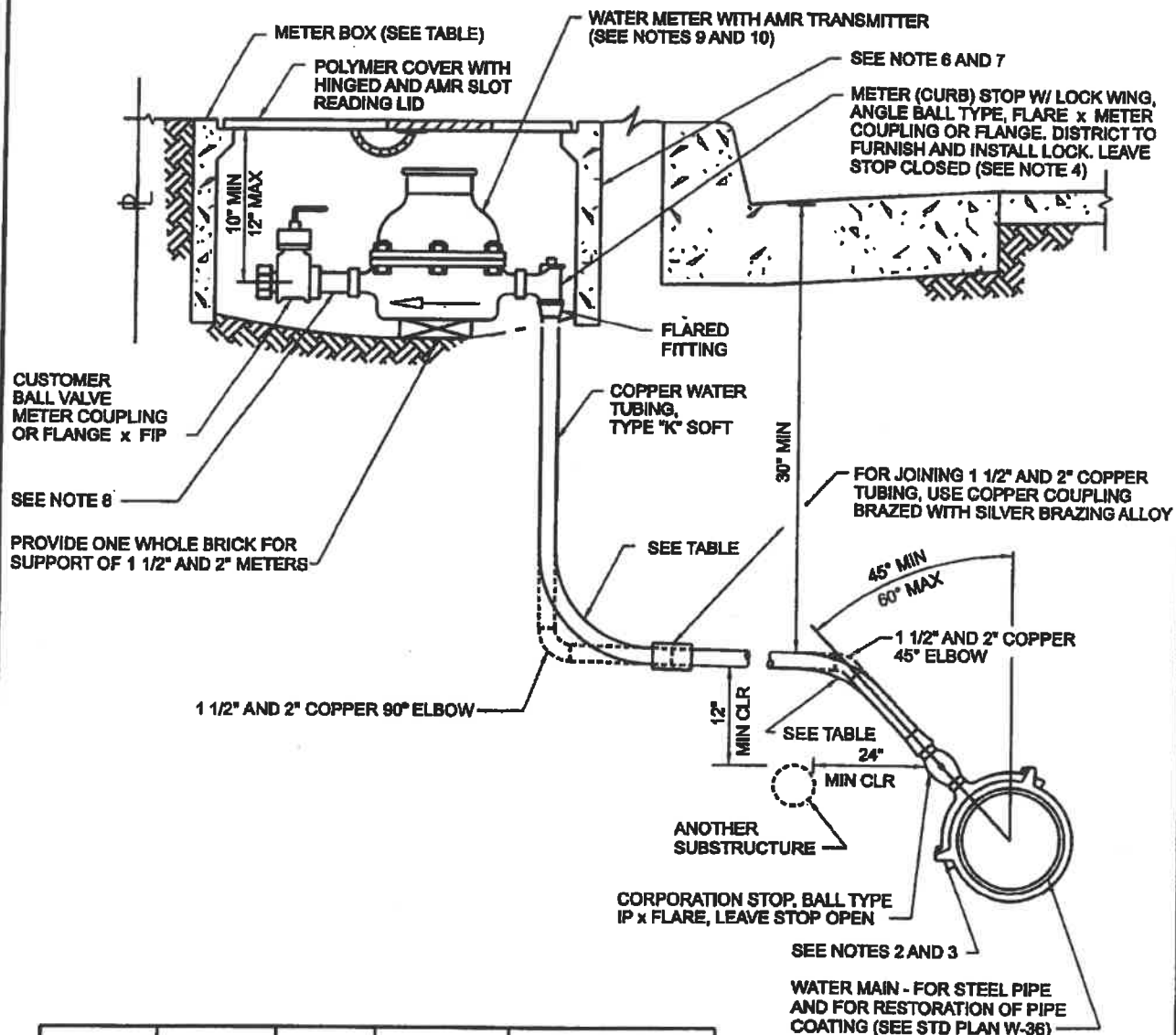
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

NO SCALE

RSP A24G DATED OCTOBER 19, 2018 SUPPLEMENT TO THE STANDARD PLANS BOOK DATED 2018.

REVISED STANDARD PLAN RSP A24G

WATER SERVICE CONNECTION AND METER (2" AND SMALLER, 149 PSI MAX WWP)



METER VALVE SIZE	MAIN BALL VALVE SIZE	MIN SIZE TUBING	MIN RADIUS TUBING BEND	POLYMER METER BOX NOMINAL INSIDE DIMENSION
3/4" X 1"	1"	1"	18"	13"W x 24"L x 12"D
1"	1"	1"	18"	13"W x 24"L x 12"D
1 1/2"	1 1/2"	1 1/2"	COPPER ELBOW	17"W x 30"L x 12"D
2"	2"	2"	COPPER ELBOW	17"W x 30"L x 12"D

NTS

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED

[Signature]
ASSISTANT DEPUTY DIRECTOR

MAY 2007

DATE

STANDARD PLAN

W-5

SHEET 1 OF 2

WATER SERVICE CONNECTION AND METER (CONTINUED)
(2" AND SMALLER, 149 PSI MAX WWP)

GENERAL NOTES:

1. NO METER BOX SHALL BE INSTALLED CLOSER THAN TEN (10) FEET FROM EDGE OF DRIVEWAY APRON (TOP OF X), OR TEN (10) FEET FROM THE PROJECTION OF THE EDGE OF THE GARAGE OPENING, WHICHEVER PROVIDES THE LARGEST SEPARATION BETWEEN THE METER BOX AND THE DRIVEWAY.

NO METER BOX SHALL BE INSTALLED IN A LOCATION WHERE VEHICLE LOADING MAY DAMAGE THE METER BOX AND/OR METER.

NO METER BOX SHALL BE INSTALLED ADJACENT TO SIDEWALK TRANSITIONS WHERE WALKWAY IS NOT PARALLEL TO STREET.
2. MINIMUM DISTANCE BETWEEN SERVICE TAPS ON MAIN TO A BELL, COUPLING, JOINT, OR FITTING IS 36".
3. USE MALLEABLE-IRON OR DUCTILE-IRON DOUBLE STRAP CLAMPS ON CAST IRON, DUCTILE-IRON, AND STEEL PIPE (LESS THAN 10 GA WALL THICKNESS). USE BRONZE DOUBLE STRAP CLAMPS ON ACP. USE A WELDED THREADED OUTLET ON STEEL PIPE (WALL THICKNESS 10 GA AND GREATER). ON ALL METALLIC MAINS, INSTALL AN INSULATING BUSHING BETWEEN CLAMP OR WELDED THREADED OUTLET AND STOP. CLAMP OR WELDED OUTLET SHALL HAVE OUTLET ONE SIZE LARGER THAN STOP TO ALLOW FOR BUSHING. (SEE STANDARD PLAN W-38.)
4. TEST AT SYSTEM PRESSURE AND FLUSH SERVICE LINE BEFORE LOCKING.
5. ONLY EXCAVATED SOIL OR BACKFILL MATERIAL APPROVED BY DISTRICT IS TO BE USED TO BACKFILL TRENCH. NO TRASH IS TO BE LEFT IN TRENCH.
6. FRONT EDGE OF METER BOX TO BE PLACED AGAINST REAR OF CURB EXCEPT WHEN THERE IS A SIDEWALK ADJACENT TO REAR OF CURB. THEN, FRONT EDGE OF METER BOX TO BE PLACED AGAINST REAR OF SIDEWALK.
7. ALL SERVICE CONNECTIONS SHALL BE INSTALLED FROM THE MAIN IN THE STREET FROM WHICH THE SERVICE IS ADDRESSED, AT RIGHT ANGLES TO THE WATER MAIN, LOCATED AS SHOWN ON PLANS OR DIRECTED BY THE DISTRICT, AND NOT CLOSER THAN TEN (10) FEET TO ANY DRIVEWAY (TOP OF X), GARAGE OPENING, WALKWAY, CURB RETURN, OR OTHER UTILITY UNLESS OTHERWISE NOTED ON PLAN.
8. ALL 1 1/2-INCH AND 2-INCH METERS SHALL HAVE FLANGE CONNECTIONS ON THE MAIN CASE, AND ALL NECESSARY BOLTS, NUTS, AND RUBBER GASKETS.
9. METERED WATER SERVICE CONNECTIONS MAY ONLY BE INSTALLED UNDER DISTRICT SUPERVISION, AFTER RECEIPT AND PROCESSING OF WATER SERVICE APPLICATION BY THE DISTRICT AND PAYMENT OF ALL APPLICABLE CHARGES.
10. THE WATER METER MUST BE COMPATIBLE WITH THE DISTRICT'S AUTOMATED METER READING (AMR) SYSTEM. FOR DETAILS, SEE METER SPECIFICATIONS ISSUED AT THE TIME OF APPLICATION FOR WATER SERVICE.

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED


ASSISTANT DEPUTY DIRECTOR

MAY 2007

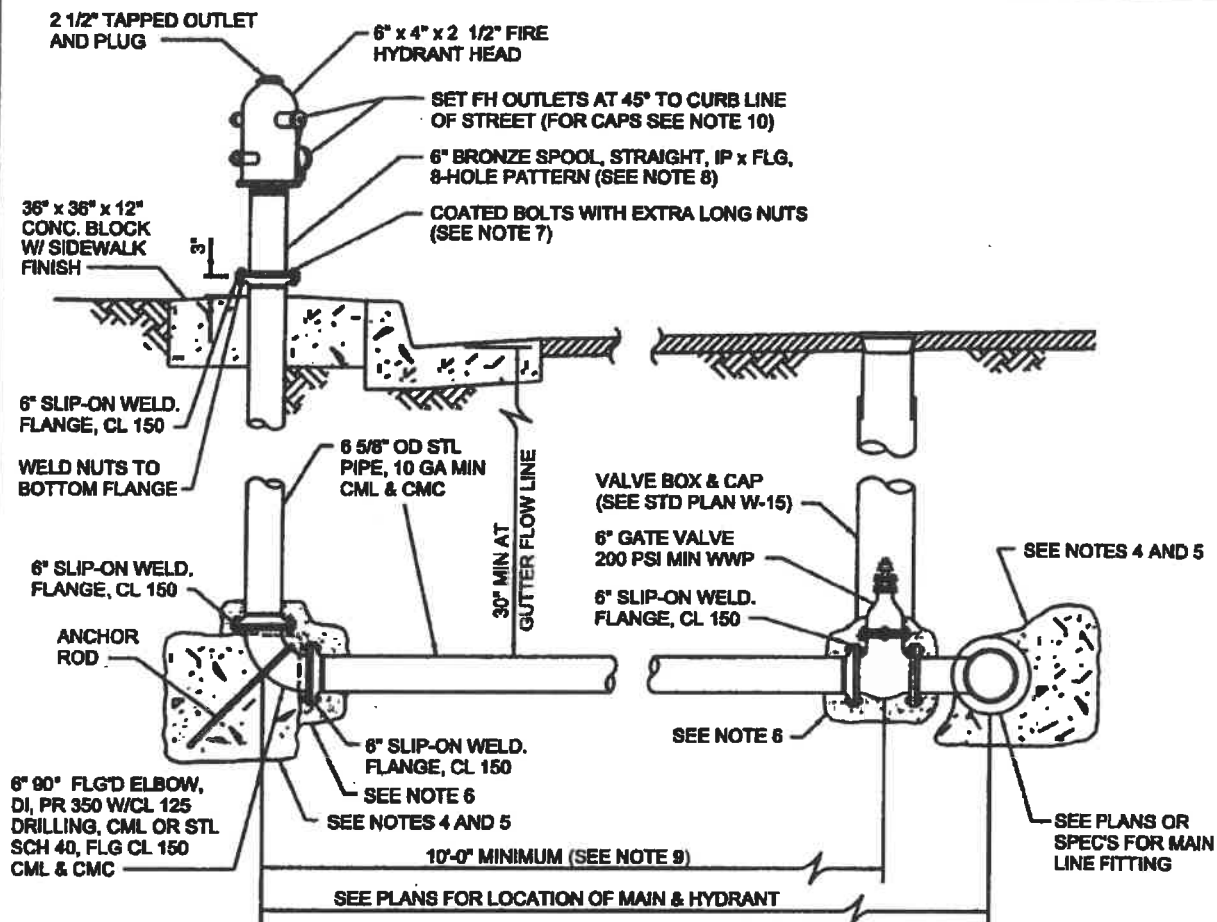
DATE

STANDARD PLAN

W-5

SHEET 2 OF 2

FIRE HYDRANT - COMPLETE
(200 PSI MAX WWP LATERAL AT RIGHT ANGLE TO MAIN)



NTS

GENERAL NOTES:

1. IN THE ABSENCE OF A CURB, SET BOTTOM OUTLET 24-INCHES ABOVE CROWN OF ROAD AND PROVIDE STEEL PIPE BARRICADES AS DIRECTED BY DISTRICT (SEE STD. PLAN W-14).
2. CENTERLINE OF RISER SHALL BE TWO (2) FEET BEHIND CURB FACE EXCEPT WHERE SIDEWALK IS ADJACENT TO CURB, IN WHICH CASE THE RISER SHALL BE AS SHOWN ON THE PLANS NOT TO EXCEED A DISTANCE OF SEVEN (7) FEET FROM CURB FACE. (REFER TO STREET ENCROACHMENT PERMIT).
3. NO FIRE HYDRANT SHALL BE INSTALLED CLOSER THAN TEN (10) FEET FROM EDGE OF ANY DRIVEWAY APRON (TOP OF X), CURB RETURN, OR FIVE (5) FEET FROM OTHER UTILITY.
4. USE 2000 PSI MINIMUM CONCRETE FOR THRUST BLOCKS AND HYDRANT PAD. PLACE CONCRETE ON UNDISTURBED OR COMPACTED SOIL.
5. SEE STD. PLAN W-21 FOR THRUST BLOCK REQUIREMENTS.
6. ALL UNCOATED METAL SURFACES INCLUDING BOLTS INSTALLED UNDERGROUND ARE TO BE "DIAPERED" AND GROUTED WITH 900 - 1000 PSI CEMENT MORTAR (1 CEMENT: 3 SAND: 1 LIME) TO PROVIDE A 2-INCH THICK COATING.
7. THE BOLTS AND NUTS CALLED FOR AT THE TOP FLANGE CONNECTION ON THE RISER SHALL BE 3/4" COATED "BLUE" BOLTS.
8. THE EXTERIOR OF THE ABOVE GROUND PORTION OF THE HYDRANT, EXCEPT FOR THE THREADS, SHALL BE PAINTED WITH 2 COATS OF DISTRICT APPROVED RED PRIMER AND 2 COATS OF DISTRICT APPROVED SAFETY YELLOW.
9. INTERMEDIATE PIPE JOINTS IN LATERAL SHALL BE EITHER LAP OR BELL, WELDED OR FLANGED. PIPE SHALL BE INSTALLED HORIZONTAL OR SLOPING DOWNWARD FROM MAIN TO PROVIDE MINIMUM COVER. AN ADDITIONAL VALVE MAY BE REQUIRED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE DISTRICT.
10. OUTLETS SHALL BE CAPPED WITH DISTRICT APPROVED PLASTIC CAPS.

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED

ASSISTANT DEPUTY DIRECTOR

JULY 2009

DATE

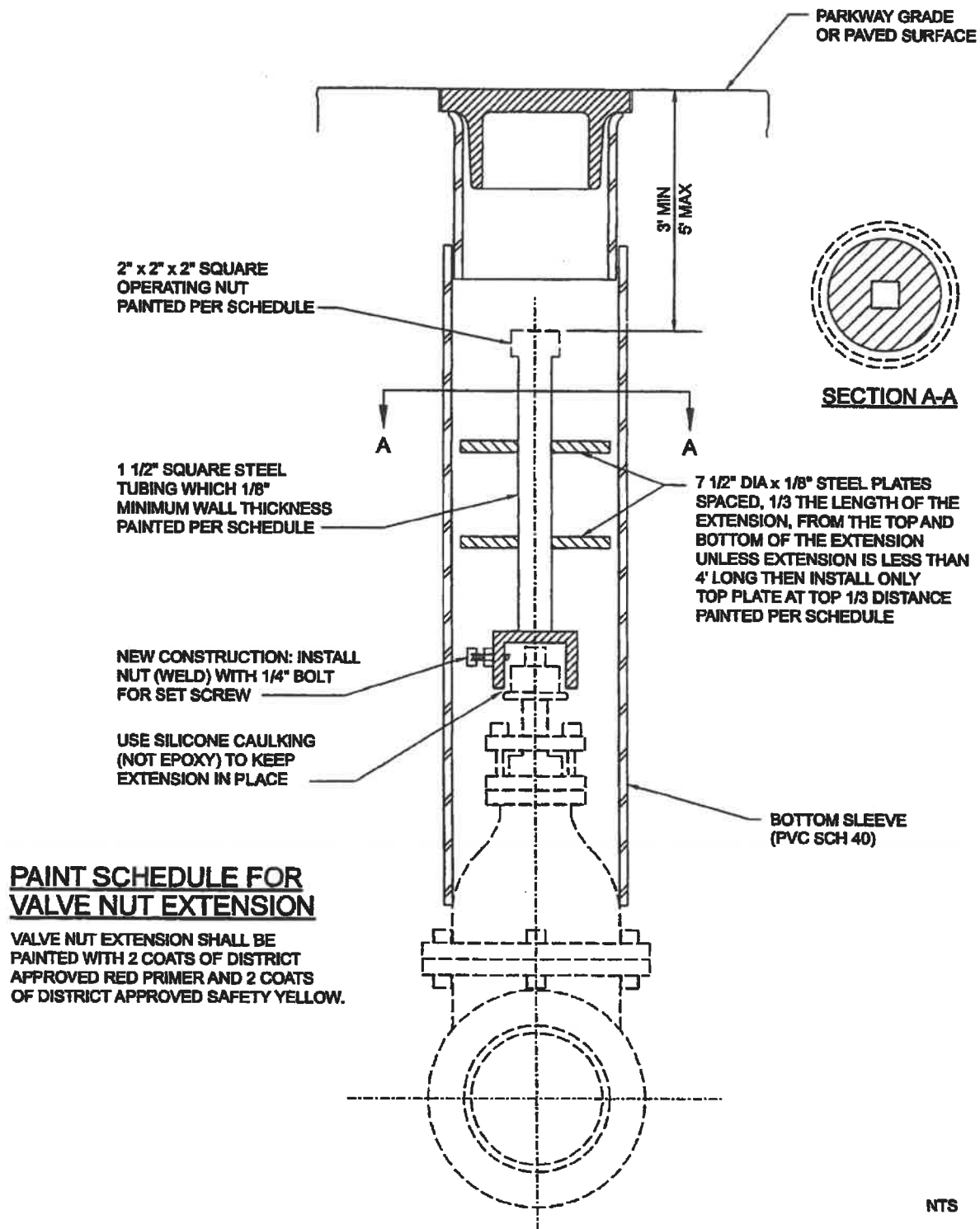
STANDARD PLAN

W-8

SHEET 1 OF 1

SHEET 1 OF 2

ADJUSTABLE VALVE BOX AND VALVE NUT EXTENSION (CONTINUED)



LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

STANDARD PLAN

W-15

APPROVED

ASSISTANT DEPUTY DIRECTOR

APRIL 2004

DATE

SHEET 2 OF 2

CONCRETE THRUST BLOCKS

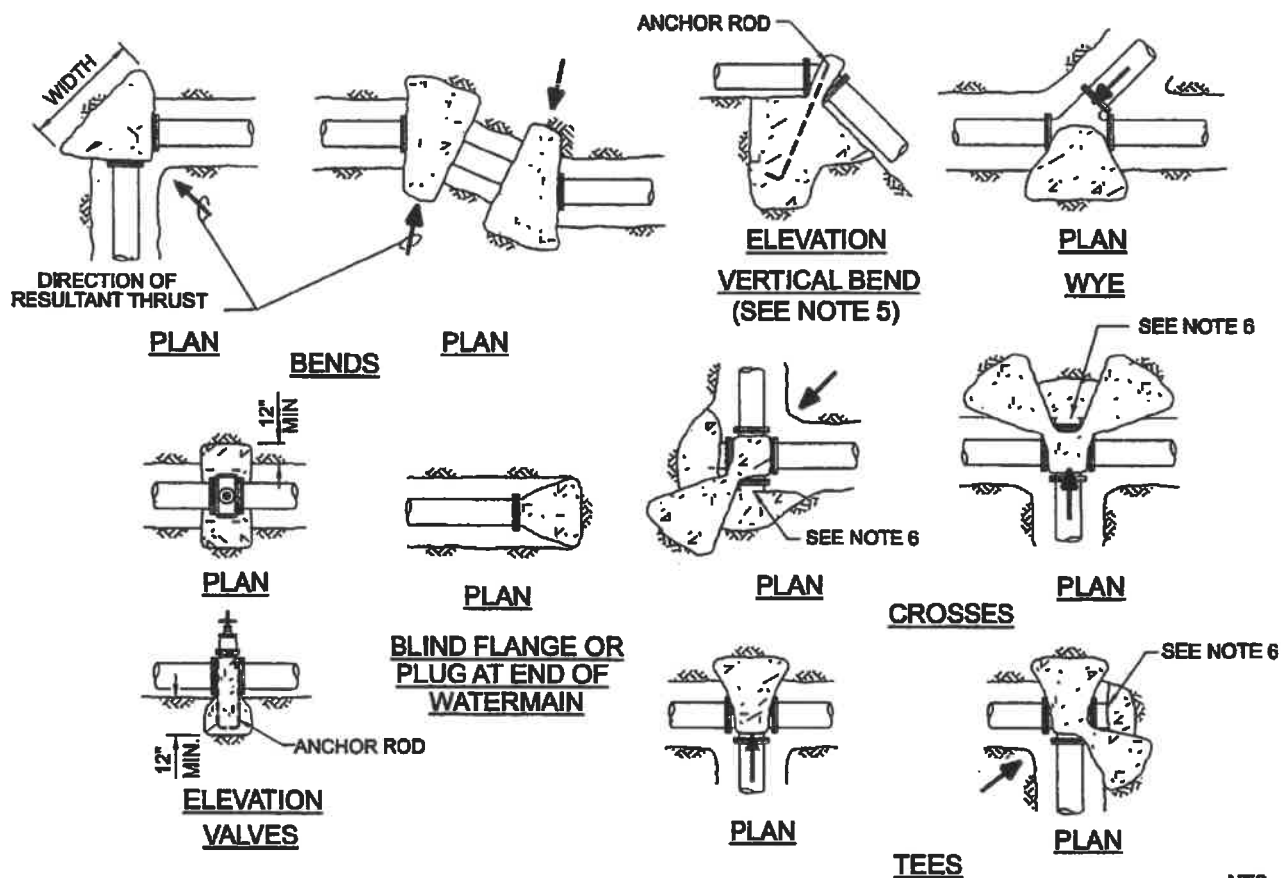


TABLE I

MINIMUM BEARING AREAS IN SQ FT *				
MAIN SIZE	TEE **	90° BEND	45° BEND	22 1/2° BEND
6"	4	4	4	3
8"	5	7	4	3
10"	9	12	6	4
12"	12	16	9	6

* BASED ON 150 PSI WWP PRESSURE & SOIL BEARING LOADS OF 2000 PSF. THE RATIO OF WIDTH TO HEIGHT SHALL NOT EXCEED 1 1/2 TO 1.

** TEES, PLUGS, CAPS, AND HYDRANTS.

TABLE II

*** SOIL TYPE	**** MAX ALLOWABLE SOIL BEARING VALUES	FACTORS FOR INCREASING AREAS IN TABLE I
LOOSE SAND	500 PSF	4
SOFT SANDY CLAY	1000 PSF	2
ADOBE	1000 PSF	2
COMPACT FINE SAND	2000 PSF	1
COMPACT COARSE SAND	2000 PSF	1
MEDIUM STIFF CLAY	2000 PSF	1

*** THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE SAFE SOIL BEARING VALUES AND THE POSITION AND SIZE OF BEARING AREAS.

**** BASED ON 2 FEET MINIMUM DEPTH OF COVER OVER THE PIPE.

GENERAL NOTES:

1. ALL ANCHOR AND THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED SOIL.
2. MINIMUM ALLOWABLE WATER PRESSURE FOR DESIGN OF THRUST BLOCKS IS 150 PSI. BEARING AREA INCREASES DIRECTLY WITH INCREASE IN PRESSURE.
3. ALL CONCRETE USED IN THRUST BLOCKS SHALL ATTAIN 2000 PSI STRENGTH.
4. ALL ANCHOR RODS SHALL BE REINFORCING STEEL AND A MINIMUM OF 1/2 INCH IN DIAMETER.
5. USE ANCHOR BLOCKS AT VERTICAL BENDS WHEN PIPE IS ABOVE OR BELOW GROUND. SIZE OF BLOCK AND ROD SHALL BE AS SHOWN ON THE PLANS OR AS DETERMINED BY THE DISTRICT.
6. USE 30 POUND FELT TO INSURE COLD JOINT.
7. CONCRETE SHALL NOT COME INTO DIRECT CONTACT WITH ASBESTOS-CEMENT PIPE.
8. FOR PIPE GREATER THAN 12" IN DIAMETER, ENGINEER IS TO SUBMIT CALCULATIONS FOR APPROVAL.

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED

Michael Neale
ASSISTANT DEPUTY DIRECTOR

APRIL 2004

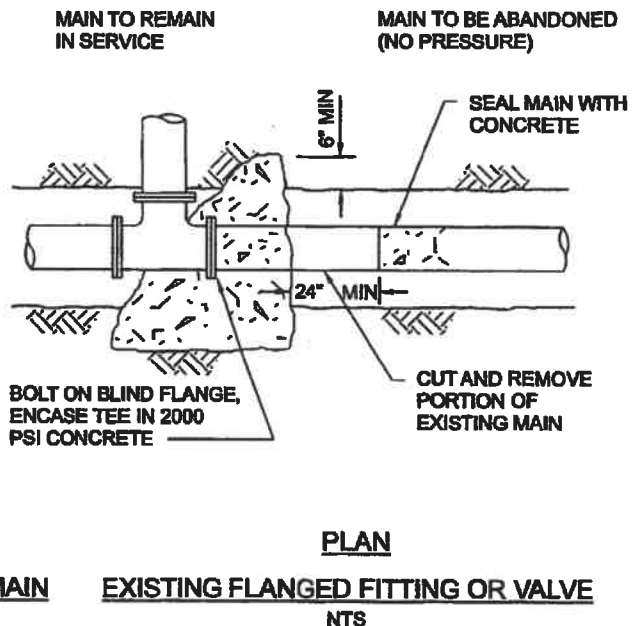
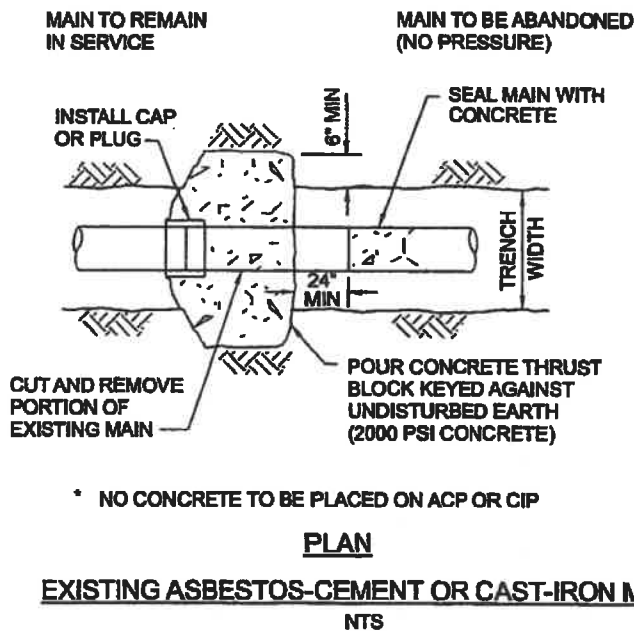
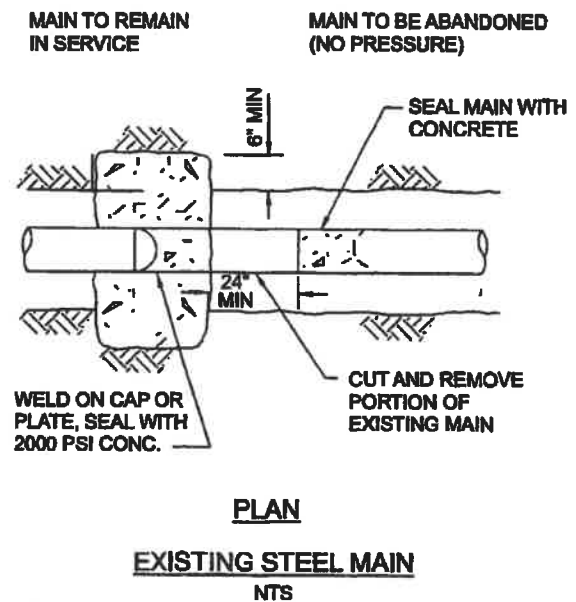
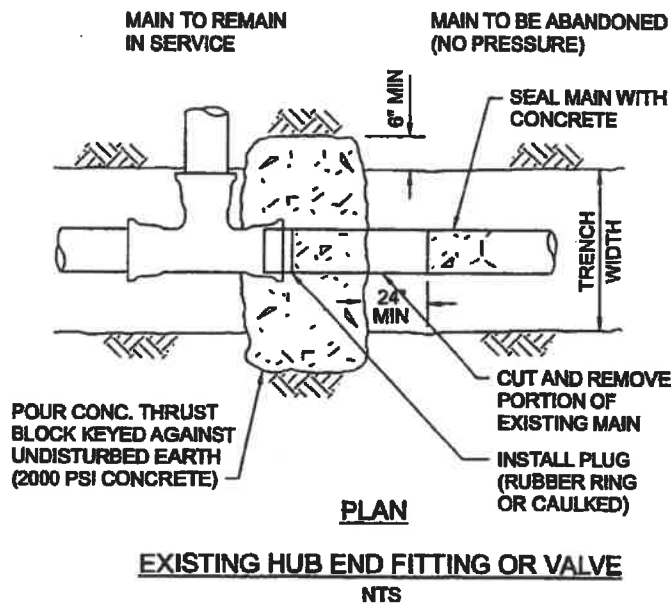
DATE

STANDARD PLAN

W-21

SHEET 1 OF 1

CUTTING AND PLUGGING WATER MAINS



* NO CONCRETE TO BE PLACED ON ACP OR CIP

GENERAL NOTE: SEE SPECIFICATIONS FOR FLUSHOUT REQUIREMENTS.

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED

ASSISTANT DEPUTY DIRECTOR

APRIL 2004

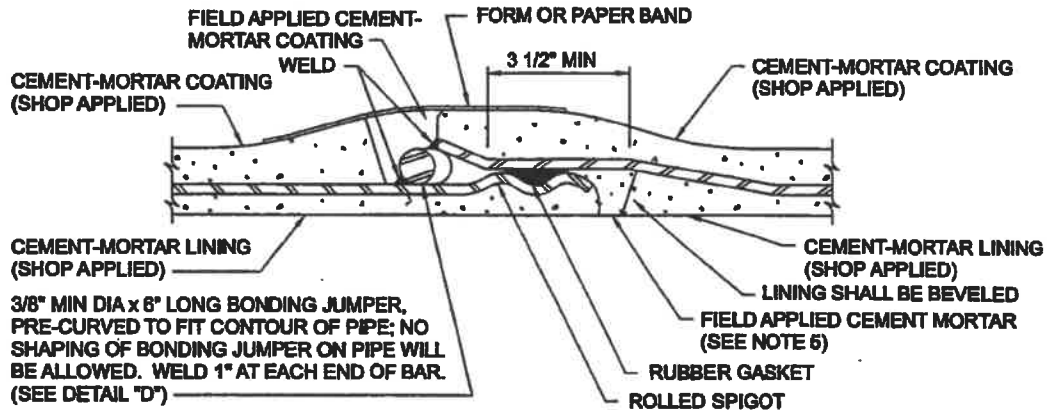
DATE

STANDARD PLAN

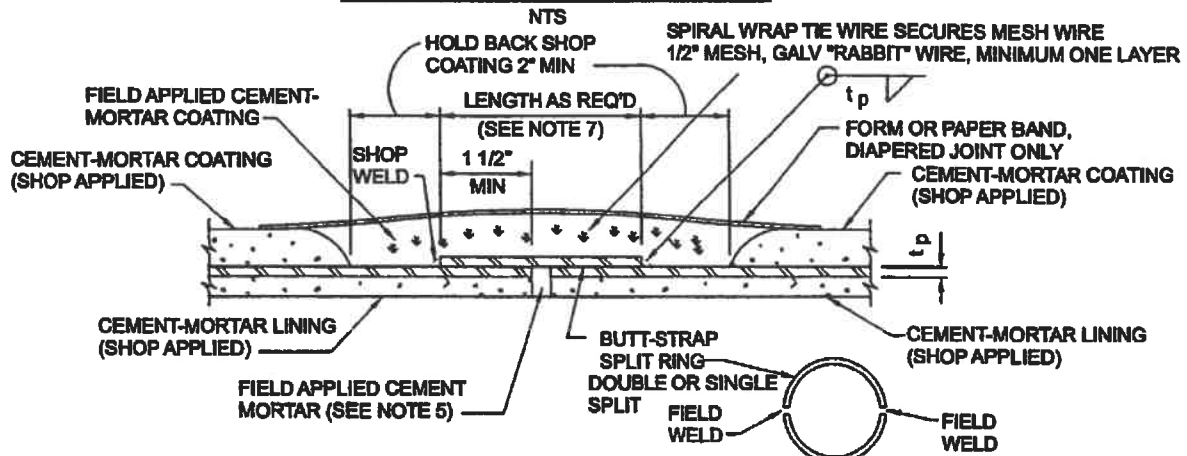
W-22

SHEET 1 OF 1

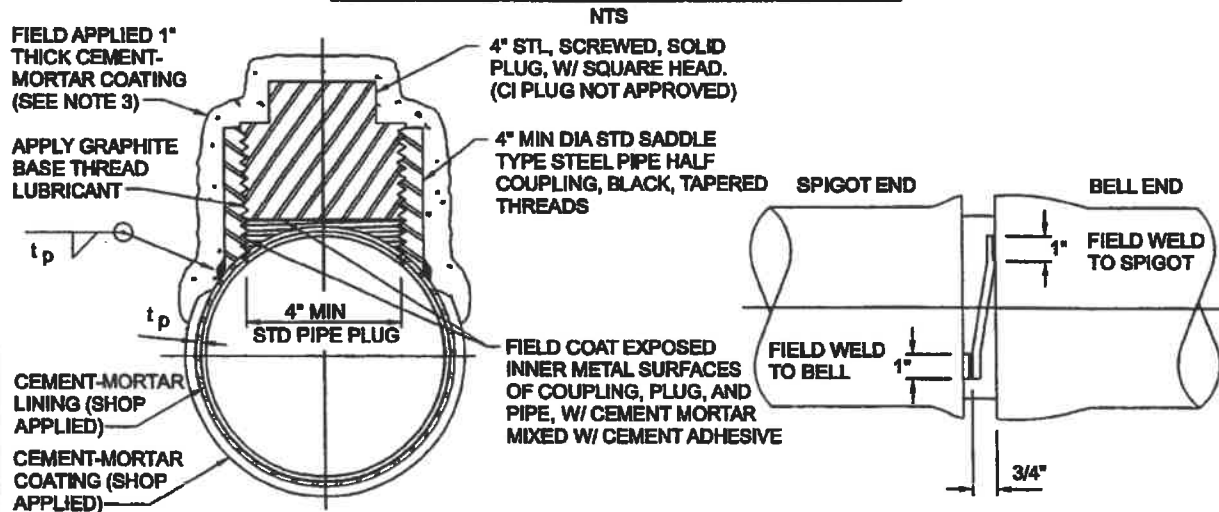
STEEL PIPE JOINT DETAILS



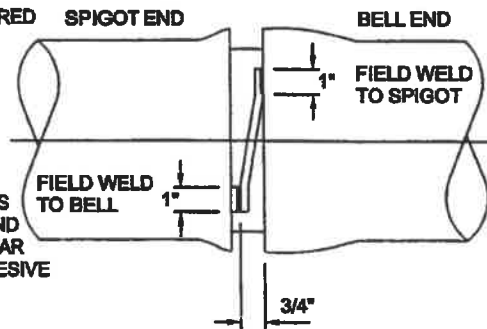
DETAIL A - RUBBER GASKET JOINT



DETAIL B - FIELD WELDED BUTT-STRAP JOINT



DETAIL C - POINTING HANDHOLE



DETAIL D - BONDING JUMPER

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED

ASSISTANT DEPUTY DIRECTOR

APRIL 2004

DATE

STANDARD PLAN

W-35

SHEET 1 OF 2

STEEL PIPE JOINT DETAILS (CONTINUED)

GENERAL NOTES:

1. CEMENT MORTAR SHALL BE APPLIED TO WELDED JOINTS ONLY AFTER THE HEAT OF WELDING HAS DISSIPATED. JOINT WELDS SHALL NOT BE COOLED BY QUENCHING.
2. THE INTERIOR SURFACE OF JOINTS TO BE LINED WITH CEMENT MORTAR SHALL BE CLEANED, AND BRUSHED WITH APPROVED CEMENT ADHESIVE, IMMEDIATELY BEFORE THE MORTAR IS APPLIED.
3. CEMENT MORTAR FOR THE INTERIOR OF JOINTS SHALL CONSIST OF ONE PART CEMENT, ONE PART SAND, WATER, AND AN APPROVED CEMENT ADHESIVE ADDED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
4. CEMENT MORTAR FOR THE EXTERIOR OF JOINTS SHALL CONSIST OF ONE PART CEMENT, ONE PART SAND, AND WATER, AND SHALL BE POURED INTO ONE SIDE OF FORM ONLY.
5. THE INTERIOR OF ALL JOINTS SHALL BE SWABBED BY MEANS OF A BALL AND ROD.
6. THE POINTING HANDHOLE SHALL BE INSTALLED ADJACENT TO A RUBBER GASKET JOINT, OR CENTERED OVER A BUTT-STRAP JOINT, AND SHALL BE USED AS NOTED ON PLANS OR WHERE A BALL AND ROD SWAB CANNOT BE USED.
7. FOR POINTING HANDHOLE, THE MINIMUM LENGTH OF THE BUTT STRAP SHALL BE 9 INCHES FOR ALL PIPE SIZES LISTED IN TABLE BELOW. WITHOUT HAND HOLE, THE MINIMUM LENGTH OF STRAP SHALL BE AS SHOWN IN THE FOLLOWING TABLE:

PIPE SIZES IN INCHES	MINIMUM LENGTH OF BUTT STRAP REQ'D IN INCHES
6 THRU 18	4
20 THRU 36	6

8. A BOLTED FLANGED JOINT MAY BE USED AS AN ACCEPTABLE ALTERNATE TO THE RUBBER GASKET OR THE BUTT-STRAP JOINT.

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED


ASSISTANT DEPUTY DIRECTOR

APRIL 2004

DATE

STANDARD PLAN

W-35

SHEET 2 OF 2

PIPE TRENCH

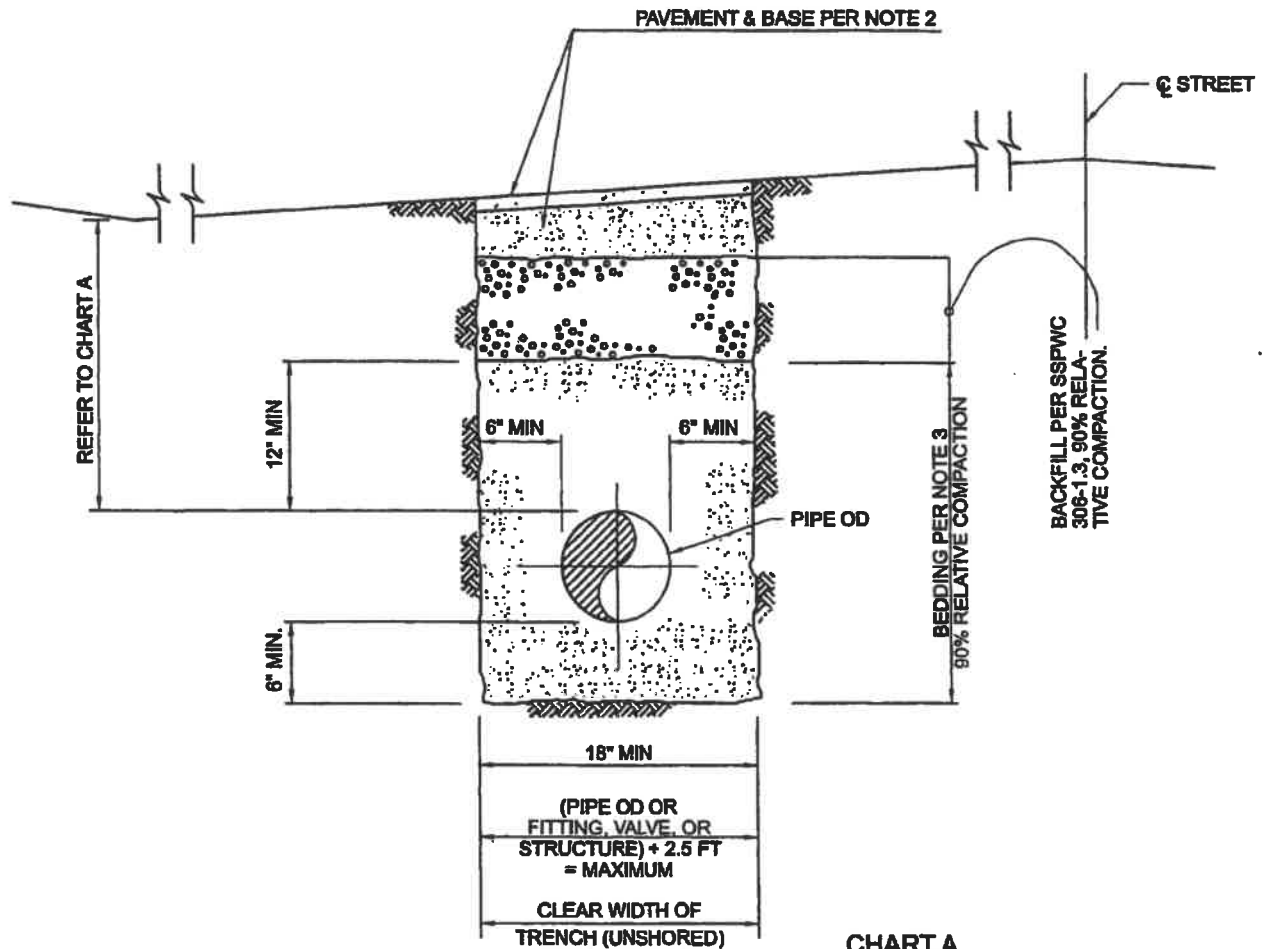


CHART A

SIZE OF PIPE (INCHES)	MIN DEPTH OF COVER OVER PIPE IN INCHES (SEE NOTE 1).	MIN DEPTH OF COVER OVER PIPE IN PRIVATE STREET (SEE NOTE 1).
4 TO 6	36	36
8 TO 10	42	48
12 OR LARGER	48	48

GENERAL NOTES:

1. THE DEPTH OF COVER OVER THE PIPE SHALL BE MEASURED VERTICALLY FROM THE TOP OF THE PIPE WITH REFERENCE TO AN APPROVED, IMPROVED GUTTER FLOWLINE. WHERE THERE IS NO IMPROVED GUTTER FLOWLINE, USE THE ELEVATION OF A PROPOSED ADJACENT FLOWLINE AS THE REFERENCE ELEVATION.
2. PAVEMENT SHALL BE PER THE REQUIREMENTS OF THE LOCAL AGENCY'S PERMIT BUT NOT LESS THAN THE REQUIREMENTS OF STANDARD PLAN 132-1 FOR PCC PAVEMENT OR STANDARD PLAN 133-1 FOR AC PAVEMENT.
3. BEDDING SHALL BE SAND PER SSPWC 306-1.2.1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.
4. NEITHER BEDDING NOR BACKFILL SHALL CONTAIN PARTICLES GREATER THAN ONE SQUARE INCH.

NTS

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED

ASSISTANT DEPUTY DIRECTOR

APRIL 2004

DATE

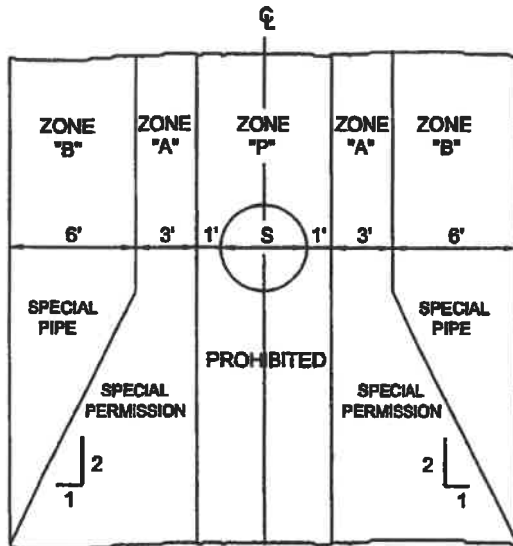
STANDARD PLAN

W-46

SHEET 1 OF 1

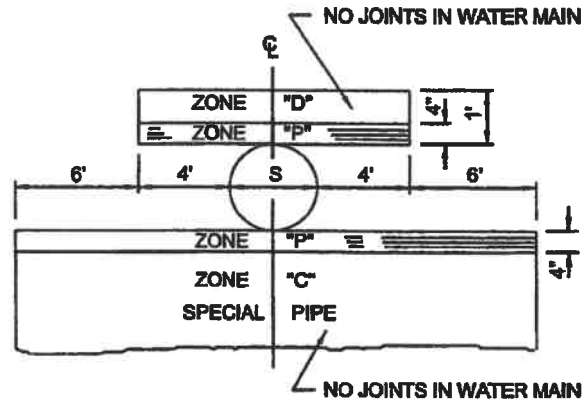
DESIGN REQUIREMENTS FOR WATER MAINS IN THE VICINITY OF SANITARY SEWERS

PARALLEL CONSTRUCTION



SPECIAL CONSTRUCTION WILL BE REQUIRED IF HORIZONTAL CLEARANCE BETWEEN PRESSURE WATER MAIN AND SEWER LINE IS LESS THAN 10 FEET. SEE THE ZONE ABOVE CORRESPONDING TO CONSTRUCTION REQUIREMENTS BELOW.

PERPENDICULAR CONSTRUCTION



SPECIAL CONSTRUCTION WILL BE REQUIRED IF VERTICAL CLEARANCE BETWEEN PRESSURE WATER MAIN AND SEWER LINE, AT CROSSING, IS LESS THAN ONE FOOT. SEE THE ZONE ABOVE CORRESPONDING TO CONSTRUCTION REQUIREMENTS BELOW.

ZONE	WATER MAIN CONSTRUCTION REQUIREMENTS
A	NO WATER MAINS PARALLEL TO SEWERS SHALL BE CONSTRUCTED WITHOUT APPROVAL FROM THE HEALTH AGENCY.
B	USE STEEL PIPE, CML AND CMC WITH WELDED JOINTS.
C	NO JOINTS WITHIN 10 FEET OF EITHER SIDE OF SEWER LINE. USE DUCTILE IRON PIPE, CML AND POLYETHYLENE WRAPPED, OR STEEL PIPE, CML AND CMC.
D	NO JOINTS WITHIN 4 FEET OF EITHER SIDE OF SEWER LINE. USE DUCTILE IRON PIPE, CML AND POLYETHYLENE WRAPPED, OR STEEL PIPE, CML AND CMC.
P	PROHIBITED ZONE - NO WATER MAINS ARE ALLOWED TO BE INSTALLED WITHIN THIS ZONE.

ADDITIONAL NOTES:

- 1) WATER MAINS AND SEWER LINES MUST NOT BE INSTALLED IN THE SAME TRENCH.
- 2) SEPARATION DISTANCES SPECIFIED SHALL BE MEASURED FROM THE NEAREST EDGE OF FACILITIES.
- 3) STEEL PIPE SHALL BE A MINIMUM OF 10 GAGE THICKNESS.

THE "CALIFORNIA WATERWORKS STANDARDS" SETS FORTH THE MINIMUM SEPARATION REQUIREMENTS FOR WATER MAINS AND SEWER LINES. THESE STANDARDS ARE CONTAINED IN SECTION 64830, TITLE 22, CALIFORNIA ADMINISTRATIVE CODE.

LOS ANGELES COUNTY WATERWORKS DISTRICTS

DEPARTMENT OF PUBLIC WORKS

APPROVED

ASSISTANT DEPUTY DIRECTOR

APRIL 2004

DATE

STANDARD PLAN

W-50

SHEET 1 OF 1



Non-LACDPW regrading and/or resurfacing projects in the LA Basin that require adjustment of CSD manholes in public rights-of-way shall include the following in their project specifications, or, if already in progress, the Contractor shall follow the following procedures:

ADJUSTMENT OF COUNTY SANITATION DISTRICTS MANHOLES TO NEW GRADE

When County Sanitation Districts (CSD) manholes must be adjusted to new grade because of re-grading and/or resurfacing over the manholes, the work will be done by CSD in conjunction with the Contractor responsible for the re-grading and/or resurfacing work pursuant to the following procedures:

1. The Contractor shall notify CSD's Superintendent of Maintenance at (310) 638-1161 a minimum of three (3) working days prior to the start of any work involving CSD manholes.
2. If grade over manhole is to be lowered:
 - a. The Contractor shall furnish and deliver a temporary steel cover plate of adequate thickness and size approved by CSD for the manhole.
 - b. The Contractor shall excavate around the manhole to a depth and distance outside of the manhole as required for CSD to remove the manhole frame and cover.
 - c. CSD will remove the manhole frame and cover and the interfering portion of the manhole shaft and place the cover plate over the manhole.
 - d. The Contractor shall store and protect the frame and cover and fill and/or pave over the cover plate to final grade.
 - e. The Contractor shall remove the pavement and/or fill as required for CSD to raise the manhole to final grade. Pavement and/or fill shall be removed to a minimum depth of not less than 6 inches below final grade and 12 inches around the manhole if the cover plate is more than 6 inches below final grade.
 - f. CSD will raise the manhole and set the frame and cover to final grade.
 - g. The Contractor shall provide a 12-inch wide by 12-inch high concrete ring around the manhole frame. In unpaved areas, the concrete ring shall include #3 rebar, 12-inch overlap. The Contractor shall backfill and compact and complete the pavement around the manhole.
3. If grade over manhole is to be raised:
 - a. The Contractor shall fill and/or pave directly over the manhole frame and cover to final grade.
 - b. Repeat steps e. through g. of Item 2 above except when grade is to be raised more than 2 feet. In such case, the Contractor shall excavate around the manhole to a depth and distance as determined by and required by CSD to remove and reconstruct the manhole shaft with the required taper.

The Contractor shall be responsible for furnishing, placing, and maintaining barricades and lights as necessary to protect the public from danger due to the work being performed.

APPENDIX “B”

**DEPARTMENT OF INDUSTRIAL RELATIONS (DIR)
CONTRACTOR REGISTRATION NUMBER FORM**

Department of Industrial Relations (DIR) Contractor Registration Number

Beginning July 1, 2014, contractors must register with the Department of Industrial Relations (DIR) before bidding on public works contracts in California. For more information, please refer to this section of the Department of Industrial Relations Website: <http://www.dir.ca.gov/Public-Works/PublicWorks.html>.

Per this requirement, provide the following information:

Contractor Name

Contractor Department of Industrial Relations Registration Number:

Expiration Date of Registration Number

***(THIS FORM MUST BE SUBMITTED WITH THE SEALED BID) ***

ITEM NO. 5



CITY OF HUNTINGTON PARK

Public Works Department
City Council Agenda Report

October 20, 2020

Honorable Mayor and Members of the City Council
City of Huntington Park
6550 Miles Avenue
Huntington Park, CA 90255

Dear Mayor and Members of the City Council:

**CONSIDERATION AND APPROVAL OF AWARD OF CONTRACT FOR PROJECT
APPROVAL AND ENVIRONMENTAL DESIGN OF CIP 2017-03 ATP CYCLE III
PROJECT NO. ATPL-5150(015)**

IT IS RECOMMENDED THAT THE CITY COUNCIL:

1. Award the design of Project Approval and Environmental Design of CIP 2017-03 ATP Cycle III Project No. ATPL-5150(015) to Infrastructure Engineers for a not-to-exceed fee of \$8,946; and
2. Authorize the City Manager to execute the professional services agreement.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

At the August 18, 2020 City Council meeting, the City Council authorized staff to solicit proposals for the Project Approval and Environmental Design (PA&ED) of CIP 2017-03 ATP Cycle III Project No. ATPL-5150(015) (Project). This Project is considered phase 2 of the pedestrian safety enhancements at uncontrolled crosswalks associated with CIP 2016-01 ATP Cycle II, which is currently under construction. The Project will install Rectangular Rapid Flashing Beacons (RRFB) with LED lights, updated signage, and pavement markings at uncontrolled crosswalks and will eliminate hazardous conditions while improving pedestrian safety. The project focuses on locations that have existing uncontrolled crosswalks near schools and along; Pacific Boulevard, Miles Avenue, State Street, Gage Avenue, Alameda Street, Saturn Avenue, Zoe Avenue and Salt Lake Avenue.

The PA&ED constructability review assures that all of the alternatives and the proposed preferred alternative are constructible on the available level of detail. This review is particularly important during consultation with the California Environmental Quality Act (CEQA) that establishes project limits or place specific mitigation requirements on the

**CONSIDERATION AND APPROVAL OF AWARD OF CONTRACT FOR PROJECT
APPROVAL AND ENVIRONMENTAL DESIGN OF CIP 2017-03 ATP CYCLE III
PROJECT NO. ATPL-5150(015)**

October 20, 2020

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project. The constructability review includes the review of the proposed work plan, schedule, environmental requirements, and construction impacts.

On August 21, 2020, the City Clerk's Office published the RFP in the local newspaper of general circulation and Public Work' posted the RFP on the City's website and other forms of electronic media. The RFP provided the guidance expected of professional engineering firms that perform similar type work.

The City solicited proposals from qualified firms and the date to submit proposals was September 16, 2020. The City received two proposals.

1. Infrastructure Engineers: \$8,946
2. West & Associates: \$28,000

City staff has relayed that engineering support from an outside consultant is necessary to accomplish the design of the environmental phase of the Project. Based on the need to commence this phase of the design, it is staff's recommendation to award the design proposal to Infrastructure Engineers.

LEGAL REQUIREMENT

Congress adopted the Brooks Act (P.L. 92-582), requiring the use of Qualifications-Based Selection (QBS) for the procurement of architect and engineering services. The use of QBS ensures that taxpayers receive highly technical architect and engineering services from the most experienced and most qualified firms at a fair and reasonable cost. California's QBS requirements can be found at Government Code sections 4525 et seq., also known as the Mini Brooks Act. City is awarding Infrastructure Engineers' with the professional services agreement based on demonstrating competence and qualifications for this type of services.

FISCAL IMPACT/FINANCING

At its regularly scheduled meeting of June 30, 2020, the California Transportation Commission (CTC) allocated funding in the amount of \$9,000. A local City match is not required. Infrastructure Engineers has submitted a proposal and a fee schedule for a not-to-exceed fee of \$8,946. Funds were appropriated in the Fiscal Year 2020-2021 Capital Improvement Program Budget in account number 202-8080-431.73-10. This amount is reimbursable from Caltrans.

CONCLUSION

Upon Council approval, staff will proceed with the recommended actions.

Respectfully submitted,

**CONSIDERATION AND APPROVAL OF AWARD OF CONTRACT FOR PROJECT
APPROVAL AND ENVIRONMENTAL DESIGN OF CIP 2017-03 ATP CYCLE III
PROJECT NO. ATPL-5150(015)**

October 20, 2020

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RICARDO REYES
City Manager



CESAR ROLDAN
Director of Public Works

ATTACHMENT(S)

- A. Infrastructure Engineers' CIP 2017-03 ATP Cycle III PSA
- B. West & Associates Proposal

ATTACHMENT A



PROFESSIONAL SERVICES AGREEMENT

Project Approval and Environmental Design of CIP 2017-03 ATP Cycle III
Project No. ATPL-5150(015)

THIS PROFESSIONAL SERVICES AGREEMENT ("Agreement") is made and entered into this **20th day of October 2020**, (hereinafter, the "Effective Date"), by and between the CITY OF HUNTINGTON PARK, a municipal corporation ("CITY") and **INFRASTRUCTURE ENGINEERS (IE)** (hereinafter, "CONSULTANT"). For the purposes of this Agreement CITY and CONSULTANT may be referred to collectively by the capitalized term "Parties." The capitalized term "Party" may refer to CITY or CONSULTANT interchangeably.

Nd

RECITALS

This AGREEMENT is made and entered into with respect to the following facts:

WHEREAS, on October 20, 2020, the Huntington Park City Council at its Regular Meeting approved the Professional Services Agreement to the CONSULTANT to provide Project Approval and Environmental Design of CIP 2017-03 ATP Cycle III Project No. ATPL-5150(015); and

WHEREAS, CONSULTANT represents that it is fully qualified to perform such professional services by virtue of its experience and the training, education and skill of its principals and employees; and

WHEREAS, CONSULTANT further represents that it is willing to accept responsibility for performing such services in accordance with the terms and conditions set forth in this Agreement; and

WHEREAS, the execution of this Agreement was approved by the Huntington Park City Council at its Regular Meeting of October 20, 2020.

NOW, THEREFORE, for and in consideration of the mutual covenants and conditions herein contained, CITY and CONSULTANT agree as follows:

I.
ENGAGEMENT TERMS

- 1.1 SCOPE OF SERVICES: Subject to the terms and conditions set forth in this Agreement and all exhibits attached and incorporated hereto, CONSULTANT agrees to perform the services and tasks set forth in that certain document entitled "Scope of Services" and attached hereto as **Exhibit "A"** (hereinafter referred to as the "**Scope of Services**"). CONSULTANT further agrees to furnish to CITY all labor, materials, tools, supplies, equipment, services, tasks and work necessary to competently perform and timely complete the services and tasks as set forth in the Scope of Services. For the purposes of this Agreement the aforementioned services and tasks set forth in the Scope of Services shall hereinafter be referred to generally by the capitalized term "Work."
- 1.2 TERM: This Agreement shall have an initial term of one (1) year commencing from the Effective Date unless terminated as provided elsewhere in this Agreement (hereinafter, the "Term"). Nothing in this Section shall operate to prohibit or otherwise restrict the CITY's ability to terminate this Agreement at any time for convenience or for cause as further set out herein.
- 1.3 COMPENSATION: During the term of this Agreement and any extension term provided herein, CONSULTANT shall perform the Services set forth in Section 1.2 above, for a not-to-exceed fee of \$8,946, included in the proposal reflected in **Exhibit "A"**. CONSULTANT shall not exceed the Contract Price unless such added expenditure is first approved by the CITY Council acting in consultation with the City Manager. In the event CONSULTANT's charges are projected to exceed the Contract Price prior to the expiration of the Term or any single extension term, CITY may suspend CONSULTANT's performance of any additional Work outside the Work as defined in Exhibit A, pending CITY approval of any anticipated expenditures in excess of the Contract Price or any other CITY-approved amendment to the compensation terms of this Agreement.
- 1.4 PAYMENT OF COMPENSATION: On the first of each month, CONSULTANT shall submit to CITY an itemized invoice for that month's Base Fee and indicating the additional services and tasks performed during the recently concluded calendar month, including services and tasks performed and the reimbursable out-of-pocket expenses incurred. If the amount of CONSULTANT's monthly compensation is a function of hours worked by CONSULTANT's personnel, the invoice shall indicate the number of hours worked in the recently concluded calendar month, the persons responsible for performing the Work, the rate of compensation at which such services and tasks were performed, the subtotal for each task and service performed and a grand total for all services performed. Within thirty (30) calendar days of receipt of each invoice, CITY shall pay any undisputed amounts. Within thirty (30) calendar days of receipt of each invoice, CITY shall notify CONSULTANT in writing of any disputed amounts included in the invoice. CITY shall not withhold

applicable taxes or other authorized deductions from payments made to CONSULTANT.

- 1.5 ACCOUNTING RECORDS: CONSULTANT shall maintain complete and accurate records with respect to all matters covered under this Agreement for a period of three (3) years after the expiration or termination of this Agreement. CITY shall have the reasonable right to access and examine such records, without charge. CITY shall own and further have the right to audit such records, to make transcripts therefrom and to inspect all program data, documents, proceedings, and activities.
- 1.6 ABANDONMENT BY CONSULTANT: In the event CONSULTANT ceases to perform the Work agreed to under this Agreement or otherwise abandons the undertaking contemplated herein prior to the expiration of this Agreement or prior to completion of any or all tasks set forth in the Scope of Services, CONSULTANT shall deliver to CITY immediately and without delay, all written materials, including any electronic communications, records and other work product prepared or obtained by CONSULTANT in the performance of this Agreement. Furthermore, CONSULTANT shall only be compensated for the reasonable value of the services, tasks and other work performed up to the time of cessation or abandonment, less a deduction for any damages, costs or additional expenses which CITY may incur as a result of CONSULTANT's cessation or abandonment.

II.

PERFORMANCE OF AGREEMENT

- 2.1 CITY'S REPRESENTATIVES: The CITY hereby designates the City Manager (hereinafter, the "CITY Representative") to act as its representative for the performance of this Agreement. The City Manager shall be the chief CITY Representative. The CITY Representative or their designee shall act on behalf of the CITY for all purposes under this Agreement. CONSULTANT shall not accept directions or orders from any person other than the CITY Representative or their designee.
- 2.2 CONSULTANT REPRESENTATIVE: CONSULTANT hereby designates Steve Forster to act as its representative for the performance of this Agreement (hereinafter, "CONSULTANT Representative"). CONSULTANT Representative shall have full authority to represent and act on behalf of the CONSULTANT for all purposes under this Agreement. CONSULTANT Representative or his designee shall supervise and direct the performance of the Work, using his professional skill and attention, and shall be responsible for all means, methods, techniques, sequences and procedures and for the satisfactory coordination of all portions of the Work under this Agreement. Notice to the CONSULTANT Representative shall constitute notice to CONSULTANT. CONSULTANT may, by written notice to CITY, advise CITY of any change in CONSULTANT Representative.
- 2.3 COORDINATION OF SERVICE; CONFORMANCE WITH REQUIREMENTS: CONSULTANT agrees to work closely with CITY staff in the performance of the

Work and this Agreement and shall be available to CITY staff and the CITY Representatives at all reasonable times. All work prepared by CONSULTANT shall be subject to inspection and approval by CITY Representatives or their designees.

2.4 STANDARD OF CARE; PERFORMANCE OF EMPLOYEES: CONSULTANT represents, acknowledges and agrees to the following:

- A. CONSULTANT shall perform all Work skillfully, competently and in accordance with industry standards of CONSULTANT's profession;
- B. CONSULTANT shall perform all Work in a manner in accordance with this Agreement;
- C. CONSULTANT shall comply with all applicable federal, state and local laws and regulations, including the conflict of interest provisions of Government Code Section 1090 and the Political Reform Act (Government Code Section 81000 *et seq.*);
- D. CONSULTANT understands the nature and scope of the Work to be performed under this Agreement as well as any and all schedules of performance;
- E. All of CONSULTANT's employees and agents possess sufficient skill, knowledge, training and experience to perform those services and tasks assigned to them by CONSULTANT; and
- F. Except as otherwise set forth in this Agreement, all of CONSULTANT's employees and agents (including but not limited to subCONSULTANTS and subconsultants) possess all licenses, permits, certificates, qualifications and approvals of whatever nature that are legally required to perform the tasks and services contemplated under this Agreement and all such licenses, permits, certificates, qualifications and approvals shall be maintained throughout the term of this Agreement and made available to CITY for copying and inspection.

The Parties acknowledge and agree that CONSULTANT shall perform, at CONSULTANT's own cost and expense and without any reimbursement from CITY, any services necessary to correct any errors or omissions caused by CONSULTANT's failure to comply with its obligation set out herein or failure on the part of CONSULTANT's employees, agents, CONSULTANTS, subCONSULTANTS and subconsultants to fulfill its obligations herein. Such effort by CONSULTANT to correct any errors or omissions shall be commenced as soon as reasonably practicable upon their discovery or notice by either Party and shall be completed within seven (7) calendar days from the date of discovery or such other extended period of time authorized by the CITY Representatives in writing, in accordance with applicable industry standards. The Parties acknowledge and agree that CITY's acceptance of any work performed by CONSULTANT or on CONSULTANT's behalf shall not constitute a release of any deficiency or delay in performance. The Parties further acknowledge, understand and agree that CITY has relied upon the foregoing representations of CONSULTANT, including but not limited to the representation that CONSULTANT possesses the skills, training, knowledge and experience

necessary to perform the Work skillfully, competently and in accordance with applicable industry standards of CONSULTANT's profession.

2.5 ASSIGNMENT: The skills, training, knowledge and experience of CONSULTANT are material to CITY's willingness to enter into this Agreement. Accordingly, CITY has an interest in the qualifications and capabilities of the person(s) who will perform the services and tasks to be undertaken by CONSULTANT or on behalf of CONSULTANT in the performance of this Agreement. In recognition of this interest, CONSULTANT agrees that it shall not assign or transfer, either directly or indirectly or by operation of law, this Agreement or the performance of any of CONSULTANT's duties or obligations under this Agreement without the prior written consent of the CITY, which consent shall not be unreasonably withheld. CITY shall have up to sixty (60) calendar days to consider any proposed assignment by CONSULTANT. CONSULTANT can withhold consent where the CITY determines that the proposed assignee does not have the financial capacity to comply with the terms of this Agreement. In the absence of CITY's prior written consent, any attempted assignment or transfer shall be ineffective, null and void and shall constitute a material breach of this Agreement.

2.6 CONTROL AND PAYMENT OF SUBORDINATES; INDEPENDENT CONSULTANT: The Work shall be performed by CONSULTANT or under CONSULTANT's strict supervision. CONSULTANT will determine the means, methods and details of performing the Work subject to the requirements of this Agreement. CITY retains CONSULTANT on an independent CONSULTANT basis and not as an employee. CONSULTANT reserves the right to perform similar or different services for other principals during the term of this Agreement, provided such work does not unduly interfere with CONSULTANT's competent and timely performance of the Work contemplated under this Agreement and provided the performance of such services does not result in the unauthorized disclosure of CITY's confidential or proprietary information. Any additional personnel performing the Work under this Agreement on behalf of CONSULTANT are not employees of CITY and shall at all times be under CONSULTANT's exclusive direction and control. CONSULTANT shall pay all wages, salaries and other amounts due such personnel and shall assume responsibility for all benefits, payroll taxes, Social Security and Medicare payments and the like. CONSULTANT shall be responsible for all reports and obligations respecting such additional personnel, including, but not limited to: Social Security taxes, income tax withholding, unemployment insurance, disability insurance, workers' compensation insurance and the like.

2.7 REMOVAL OF EMPLOYEES OR AGENTS: If any of CONSULTANT's officers, employees, agents, CONSULTANTs, subCONSULTANTs or subconsultants is determined by the CITY Representatives to be uncooperative, incompetent, a threat to the adequate or timely performance of the tasks assigned to CONSULTANT, a threat to persons or property, or if any of CONSULTANT's officers, employees, agents, CONSULTANTs, subCONSULTANTs or subconsultants fail or refuse to perform the Work in accordance with this Agreement, such officer, employee, agent, CONSULTANT, subCONSULTANT or subconsultant shall be promptly removed by CONSULTANT and shall not be reassigned to perform any of the Work.

2.8 COMPLIANCE WITH LAWS: CONSULTANT shall keep itself informed of and in compliance with all applicable federal, State or local laws to the extent such laws control or otherwise govern the performance of the Work. CONSULTANT's compliance with applicable laws shall include without limitation compliance with all applicable Cal/OSHA requirements. To the extent that any changes in applicable law result in an increase in CONSULTANT's cost of performance, the Parties shall negotiate in good faith to reach a mutually agreeable price adjustment. Should the Parties fail to reach such an agreement within 30 days (or such other agreeable time period) of CONSULTANT's notice to CITY of its increased cost of performance, either Party may terminate this Agreement upon 60 days' written notice.

(a) In the event that water treatment violations occur following the effective date of this Agreement, subject to Sub-Section (b) below and the applicable Force Majeure provisions, the CONSULTANT shall, in respect of violations that may be imposed by Applicable Law and to the extent due to CONSULTANT's fault, be responsible for: fines, penalties, or damages. Prior to settlement or payment of any such fines, penalties or damages, the CONSULTANT reserves the right to contest government or private actions, suits or proceedings for violations through administrative procedures or otherwise.

(b) To the extent that violations of applicable laws, rules, regulations or permits are caused by failures in the facilities or causes beyond CONSULTANT's control, including the CITY's failure to approve recommended repairs or maintenance, CONSULTANT will use its professional efforts to maximize performance of the Facilities but shall not be responsible for associated violations or damages, fines or penalties which result.

2.9 NON-DISCRIMINATION: In the performance of this Agreement, CONSULTANT shall not discriminate against any employee, subCONSULTANT, subconsultant, or applicant for employment because of race, color, creed, religion, sex, marital status, sexual orientation, national origin, ancestry, age, physical or mental disability or medical condition.

2.10. INDEPENDENT CONSULTANT STATUS: The Parties acknowledge, understand and agree that CONSULTANT and all persons retained or employed by CONSULTANT are, and shall at all times remain, wholly independent CONSULTANTS and are not officials, officers, employees, departments or subdivisions of CITY. CONSULTANT shall be solely responsible for the negligent acts and/or omissions of its employees, agents, CONSULTANTS, subCONSULTANTS and subconsultants. CONSULTANT and all persons retained or employed by CONSULTANT shall have no authority, express or implied, to bind CITY in any manner, nor to incur any obligation, debt or liability of any kind on behalf of, or against, CITY, whether by contract or otherwise, unless such authority is expressly conferred to CONSULTANT under this Agreement or is otherwise expressly conferred by CITY in writing.

2.11 CITY RESPONSIBILITIES: During the term of this Agreement, the CITY shall:

a) obtain and maintain all state, federal, and local permits and licenses required for ownership, operation and maintenance of the Facilities,

including without limitation, the CITY's Permits;

- c) comply with Applicable Law relating to the management, ownership, operation, maintenance, repair and replacement of the Facilities (to the extent that the responsibility of complying with those laws is not specifically assumed by the CONSULTANT under this Agreement). The CONSULTANT shall not be responsible for the CITY's failure to comply with any provision of Applicable Law that is not otherwise specifically assumed by the CONSULTANT hereunder.

III. INSURANCE

3.1 DUTY TO PROCURE AND MAINTAIN INSURANCE: Prior to the beginning of and throughout the duration of the Work, CONSULTANT will procure and maintain policies of insurance that meet the requirements and specifications set forth under this Article. CONSULTANT shall procure and maintain the following insurance coverage, at its own expense:

- A. Commercial General Liability Insurance: CONSULTANT shall procure and maintain Commercial General Liability Insurance ("CGL Coverage") as broad as Insurance Services Office Commercial General Liability coverage (occurrence Form CG 0001) or its equivalent. Such CGL Coverage shall have minimum limits of no less than Two Million Dollars (\$2,000,000.00) per occurrence and Four Million Dollars (\$4,000,000.00) in the general aggregate for bodily injury, personal injury, property damage, operations, products and completed operations, and contractual liability.
- B. Automobile Liability Insurance: CONSULTANT shall procure and maintain Automobile Liability Insurance as broad as Insurance Services Office Form Number CA 0001 covering Automobile Liability, Code 1 (any auto) or if CONSULTANT does not own or lease automobiles, Hired and Non-Owned Automobile Liability shall be accepted. Such Automobile Liability Insurance shall have minimum limits of no less than One Million Dollars (\$1,000,000.00) per accident for bodily injury and property damage.
- C. Workers' Compensation Insurance/ Employer's Liability Insurance: A policy of workers' compensation insurance in such amount as will fully comply with the laws of the State of California. However, if the CONSULTANT has no employees, for example a sole practitioner or a partner in a firm with only contracted support staff, then Workers' Compensation is not required by the State. CONSULTANT shall the city's form stating they are either the owner of the organization or a partner and are exempt from the State's workers' compensation requirements because they have no employees and agree to hold the Entity harmless from loss or liability for such. A waiver must be signed.

3.2 ADDITIONAL INSURED REQUIREMENTS: The CGL Coverage and the Automobile Liability Insurance shall contain an endorsement naming the CITY and CITY's elected and appointed officials, officers, employees, agents and volunteers as additional insureds.

- 3.3 The Entity, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the CONSULTANT including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the CONSULTANT's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 forms if later revisions used).
- 3.4 REQUIRED CARRIER RATING: All varieties of insurance required under this Agreement shall be procured from insurers admitted in the State of California and authorized to issue policies directly to California insureds. Except as otherwise provided elsewhere under this Article, all required insurance shall be procured from insurers who, according to the latest edition of the Best's Insurance Guide, have an A.M. Best's rating of no less than A:VII. CITY may also accept policies procured by insurance carriers with a Standard & Poor's rating of no less than BBB according to the latest published edition the Standard & Poor's rating guide. As to Workers' Compensation Insurance/ Employer's Liability Insurance, the CITY Representatives are authorized to authorize lower ratings than those set forth in this Section.
- 3.5 PRIMACY OF CONSULTANT'S INSURANCE: All policies of insurance provided by CONSULTANT (except Professional Liability and Workers' Compensation) shall be primary to any coverage available to CITY or CITY's elected or appointed officials, officers, employees, agents or volunteers. Any insurance or self-insurance maintained by CITY or CITY's elected or appointed officials, officers, employees, agents or volunteers shall be in excess of CONSULTANT's insurance and shall not contribute with it.
- 3.6 WAIVER OF SUBROGATION: All insurance coverage provided pursuant to this Agreement shall not prohibit CONSULTANT or CONSULTANT's officers, employees, agents, subCONSULTANTS or subconsultants from waiving the right of subrogation prior to a loss. CONSULTANT hereby waives all rights of subrogation against CITY.
- 3.7 VERIFICATION OF COVERAGE: CONSULTANT acknowledges, understands and agrees, that CITY's ability to verify the procurement and maintenance of the insurance required under this Article is critical to safeguarding CITY's financial well-being and, indirectly, the collective well-being of the residents of the CITY. Accordingly, CONSULTANT warrants, represents and agrees that it shall furnish CITY with original certificates of insurance and endorsements evidencing the coverage required under this Article. **The certificates of insurance and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf.** All certificates of insurance and endorsements shall be received and approved by CITY as a condition precedent to CONSULTANT's commencement of any work or any of the Work. Upon CITY's written request, CONSULTANT shall also provide CITY with certified copies of all required insurance policies and endorsements.

IV. INDEMNIFICATION

- 4.1 The Parties agree that CITY and CITY's elected and appointed officials, officers, employees, agents and volunteers (hereinafter, the "CITY Indemnitees") should, to the fullest extent permitted by law, be protected from any and all loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, or any other cost arising out of or in any way related to this Agreement subject to Paragraph 4.2 and 4.3. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the CITY Indemnitees with protection as set forth herein and to the extent possible under the law. CONSULTANT acknowledges that CITY would not enter into this Agreement in the absence of CONSULTANT's commitment to indemnify, defend and protect CITY as set forth herein.
- 4.2 Work of CONSULTANT's Design Professionals Services: The duty to indemnify and hold harmless as set forth under this subsection shall apply to the negligence, recklessness or willful misconduct of any individual who qualifies as a "design professional" within the meaning of subsection (c)(2) of section 2782.8 of the California Civil Code in so far as such negligence, recklessness or willful misconduct occurs in the performance work or activities that must be performed by a "design professional." Subject to the limitation of the preceding sentence, to the fullest extent permitted by law, CONSULTANT shall indemnify and hold harmless the CITY Indemnitees, defined above, from and against any and all liability, loss, damage, expense, cost (including without limitation reasonable attorneys' fees, expert fees and all other costs and fees of litigation) to the extent caused by the negligence, recklessness, or willful misconduct of CONSULTANT or any of CONSULTANT's officers, employees, servants, agents, CONSULTANTs, subCONSULTANTs or authorized volunteers or any other person or entity for whom CONSULTANT is legally liable in the performance of design professional services under this Agreement. The Parties understand and agree that the duty of CONSULTANT to indemnify and hold harmless pursuant to this subsection does not include an upfront duty to defend. CONSULTANT will reimburse the CITY Indemnitees' reasonably incurred defense fees and costs to the extent they are determined to have been caused by the negligence, recklessness or willful misconduct of CONSULTANT, or as the parties otherwise agree in settlement. CONSULTANT's obligation to indemnify does not apply to the extent that it is finally adjudicated that the liability was caused by the active negligence or willful misconduct of an indemnified party. If it is finally adjudicated that liability is caused by the comparative active negligence or willful misconduct of an indemnified party, then CONSULTANT's indemnification obligation shall be in proportion to the established comparative liability.
- 4.3 Work of All Other Persons/Non-Design Professionals: Except as otherwise provided under Section 4.2 of this Article, above, to the fullest extent permitted by law, CONSULTANT shall indemnify, defend and hold harmless the CITY Indemnitees from and against all liability, loss, damage, expense, cost (including without limitation reasonable attorneys' fees, expert fees and all other reasonable costs and fees of litigation) of every nature to the extent caused by CONSULTANT's negligent performance under this Agreement, including but not limited to the negligent acts, errors or omissions of CONSULTANT or CONSULTANT's officers, employees,

agents, servants, CONSULTANTS, subCONSULTANTS or subconsultants or the failure of the same to comply with any of the duties, obligations or standards of care set forth herein. The duty to indemnify, defend and hold harmless under this subsection shall not encompass a duty to indemnify, defend or hold harmless for liability, loss, suit, damage, expense, or cost to the extent caused by the negligence or willful misconduct of any or all of the City Indemnitees. The duty to indemnify, defend and hold harmless as set forth under this subsection is intended to encompass liabilities, losses, damages, expense and costs not otherwise subject to subsection 4.2, above.

- 4.4 CITY shall have the right to offset against the amount of any compensation due CONSULTANT under this Agreement any amount due CITY from CONSULTANT as a result of CONSULTANT's failure to pay CITY promptly any indemnification arising under this Article and related to CONSULTANT's failure to either (i) pay taxes on amounts received pursuant to this Agreement or (ii) comply with applicable workers' compensation laws.
- 4.5 The obligations of CONSULTANT under this Article will not be limited by the provisions of any workers' compensation act or similar act. CONSULTANT expressly waives its statutory immunity under such statutes or laws as to CITY and CITY's elected and appointed officials, officers, employees, agents and volunteers.
- 4.6 CONSULTANT agrees to obtain executed indemnity agreements with provisions identical to those set forth here in this Article from each and every subCONSULTANT or any other person or entity involved by, for, with or on behalf of CONSULTANT in the performance of this Agreement. In the event CONSULTANT fails to obtain such indemnity obligations from others as required herein, CONSULTANT acknowledges that its obligations under Sections 4.2 and 4.3 apply.
- 4.7 CITY does not, and shall not, waive any rights that it may possess against CONSULTANT because of the acceptance by CITY, or the deposit with CITY, of any insurance policy or certificate required pursuant to this Agreement. This hold harmless and indemnification provision shall apply regardless of whether or not any insurance policies are determined to be applicable to the claim, demand, damage, liability, loss, cost or expense.
- 4.8 This Article and all provisions contained herein (including but not limited to the duty to indemnify, defend and hold free and harmless) shall survive the termination or normal expiration of this Agreement and is in addition to any other rights or remedies which the CITY may have at law or in equity.

V. TERMINATION

- 5.1 TERMINATION WITHOUT CAUSE: Except for the first two years of this Agreement, either Party may, by written notice to the other, immediately terminate this Agreement at any time for convenience and without cause by giving written notice to Consultant of such termination, which notice shall specify the effective date of such termination, which effective date shall not be less than 90 days from the

written notice. Upon such termination for convenience, CONSULTANT shall be compensated only for those services and tasks which have been performed by CONSULTANT up to the effective date of the termination. If this Agreement is terminated as provided herein, CITY may require CONSULTANT to provide all finished or unfinished Documents and Data, as defined in Section 6.1 below, and other information of any kind prepared by CONSULTANT in connection with the performance of the Work. CONSULTANT shall be required to provide such Documents and Data within fifteen (15) calendar days of CITY's written request. No actual or asserted breach of this Agreement on the part of CITY pursuant to Section 5.2, below, shall operate to prohibit or otherwise restrict CITY's ability to terminate this Agreement for convenience as provided under this Section.

5.2 EVENTS OF DEFAULT; BREACH OF AGREEMENT:

- A.** In the event either Party fails to perform any duty, obligation, service or task set forth under this Agreement (or fails to timely perform or properly perform any such duty, obligation, service or task set forth under this Agreement), an event of default (hereinafter, "Event of Default") shall occur. For all Events of Default, the Party alleging an Event of Default shall give written notice to the defaulting Party (hereinafter referred to as a "Default Notice") which shall specify: (i) the nature of the Event of Default; (ii) the action required to cure the Event of Default; (iii) a date by which the Event of Default shall be cured, which shall not be less than the applicable cure period set forth under Sections 5.2.B and 5.2C below or if a cure is not reasonably possible within the applicable cure period, to begin such cure and diligently prosecute such cure to completion. The Event of Default shall constitute a breach of this Agreement if the defaulting Party fails to cure the Event of Default within the applicable cure period or any extended cure period allowed under this Agreement.
- B.** CONSULTANT shall cure the following Events of Defaults within the following time periods:
 - i.** Within three (3) business days of CITY's issuance of a Default Notice for any failure of CONSULTANT to timely provide CITY or CITY's employees or agents with any information and/or written reports, documentation or work product which CONSULTANT is obligated to provide to CITY or CITY's employees or agents under this Agreement. Prior to the expiration of the 3-day cure period, CONSULTANT may submit a written request for additional time to cure the Event of Default upon a showing that CONSULTANT has commenced efforts to cure the Event of Default and that the Event of Default cannot be reasonably cured within the 3-day cure period. The foregoing notwithstanding, CITY shall be under no obligation to grant additional time for the cure of an Event of Default under this Section 5.2 B.i. that exceeds seven (7) calendar days from the end of the initial 3-day cure period; or
 - i.** Within thirty (30) calendar days of CITY's issuance of a Default Notice for any other Event of Default under this Agreement. Prior to the expiration of the 30-day cure period, CONSULTANT may submit a written request for additional time to cure the Event of Default upon a showing that CONSULTANT has commenced efforts to cure the Event of Default and that the Event of Default

cannot be reasonably cured within the 30-day cure period. The foregoing notwithstanding, CITY shall be under no obligation to grant additional time for the cure of an Event of Default under this Section 5.2B.ii that exceeds thirty (30) calendar days from the end of the initial 30-day cure period.

In addition to any other failure on the part of CONSULTANT to perform any duty, obligation, service or task set forth under this Agreement (or the failure to timely perform or properly perform any such duty, obligation, service or task), an Event of Default on the part of CONSULTANT shall include, but shall not be limited to the following: (i) CONSULTANT's refusal or failure to perform any of the services or tasks called for under the Scope of Services; (ii) CONSULTANT's failure to fulfill or perform its obligations under this Agreement within the specified time or if no time is specified, within a reasonable time; (iii) CONSULTANT's and/or its employees' disregard or violate any federal, state, local law, rule, procedure or regulation; (iv) the initiation of proceedings under any bankruptcy, insolvency, receivership, reorganization, or similar legislation as relates to CONSULTANT, whether voluntary or involuntary; (v) CONSULTANT's refusal or failure to perform or observe any material covenant, condition, obligation or provision of this Agreement; and/or (vii) CITY's discovery that a statement representation or warranty by CONSULTANT relating to this Agreement is false, misleading or erroneous in any material respect.

- C. CITY shall cure any Event of Default asserted by CONSULTANT within forty-five (45) calendar days of CONSULTANT's issuance of a Default Notice, unless the Event of Default cannot reasonably be cured within the 45-day cure period. Prior to the expiration of the 45-day cure period, CITY may submit a written request for additional time to cure the Event of Default upon a showing that CITY has commenced its efforts to cure the Event of Default and that the Event of Default cannot be reasonably cured within the 45-day cure period. The foregoing notwithstanding, an Event of Default dealing with CITY's failure to timely pay any undisputed sums to CONSULTANT as provided under Section 1.4, above, shall be cured by CITY within five (5) calendar days from the date of CONSULTANT's Default Notice to CITY.
- D. Either Party may also immediately suspend performance under this Agreement pending the Defaulting Party's cure of any Event of Default by giving said Party written notice of the Party's intent to suspend performance (hereinafter, a "Suspension Notice"). A Party may issue the Suspension Notice at any time upon the occurrence of an Event of Default. Upon such suspension, CONSULTANT shall be compensated only for those services and tasks which have been rendered by CONSULTANT in accordance with this Agreement up to the effective date of the suspension. No actual or asserted breach of this Agreement on the part of CITY shall operate to prohibit or otherwise restrict CITY's ability to suspend this Agreement as provided herein.
- E. No waiver of any Event of Default or breach under this Agreement shall constitute a waiver of any other or subsequent Event of Default or breach. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.

F. The duties and obligations imposed under this Agreement and the rights and remedies available hereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law. In addition to any other remedies available to CITY at law or under this Agreement in the event of any breach of this Agreement, CITY, in its sole and absolute discretion, may also pursue any one or more of the following remedies:

- i. Upon a thirty (30) day written notice to CONSULTANT, the CITY may terminate this Agreement in whole or in part;
- ii. Upon written notice to CONSULTANT, the CITY may extend the time of performance;
- iii. The CITY may proceed by appropriate court action to enforce the terms of the Agreement to recover damages for CONSULTANT's breach of the Agreement or to terminate the Agreement; or
- iv. The CITY may exercise any other available and lawful right or remedy.

G. In the event CITY is in breach of this Agreement, CONSULTANT's sole remedy shall be the suspension or termination of this Agreement and/or the recovery of any unpaid sums lawfully owed to CONSULTANT under this Agreement for completed services and tasks.

5.3 SCOPE OF WAIVER: No waiver of any default or breach under this Agreement shall constitute a waiver of any other default or breach, whether of the same or other covenant, warranty, agreement, term, condition, duty or requirement contained in this Agreement. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.

5.4 SURVIVING ARTICLES, SECTIONS AND PROVISIONS: The termination of this Agreement pursuant to any provision of this Article or by normal expiration of its term or any extension thereto shall not operate to terminate any Article, Section or provision contained herein which provides that it shall survive the termination or normal expiration of this Agreement.

VI. MISCELLANEOUS PROVISIONS

6.1 DOCUMENTS & DATA; LICENSING OF INTELLECTUAL PROPERTY: So long as CONSULTANT has been paid pursuant to this Agreement for the Work resulting in such Documents and Data, all Documents and Data shall be and remain the property of CITY without restriction or limitation upon their use or dissemination by CITY. For purposes of this Agreement, the term "Documents and Data" means and includes all materials, equipment, reports, analyses, correspondence, plans, drawings, designs, renderings, specifications, notes, summaries, strategies, charts, schedules, spreadsheets, calculations, lists, data compilations, documents or other materials developed and/or assembled by or on behalf of CONSULTANT in the

performance of this Agreement and fixed in any tangible medium of expression, including but not limited to Documents and Data stored digitally, magnetically and/or electronically. This Agreement creates, at no additional cost to CITY, a perpetual license for CITY to copy, use, reuse, disseminate and/or retain any and all copyrights, designs, and other intellectual property embodied in all Documents and Data. CONSULTANT shall require all subCONSULTANTS and subCONSULTANT working on behalf of CONSULTANT in the performance of this Agreement to agree in writing that CITY shall be granted the same right to copy, use, reuse, disseminate and retain Documents and Data prepared or assembled by any subCONSULTANT or subCONSULTANT as applies to Documents and Data prepared by CONSULTANT in the performance of this Agreement. CITY acknowledges that the Documents and Data are intended solely in connection with the Project for which they were prepared, and should the CITY reuse or modify them without CONSULTANT'S consent, it does so at its sole risk.

6.2 CONFIDENTIALITY: All data, documents, discussion, or other information developed or received by CONSULTANT or provided for performance of this Agreement are deemed confidential and shall not be disclosed by CONSULTANT without prior written consent by CITY. CITY shall grant such consent if disclosure is legally required. Upon request, all CITY data shall be returned to CITY upon the termination or expiration of this Agreement. CONSULTANT shall not use CITY's name or insignia, photographs, or any publicity pertaining to the Work in any magazine, trade paper, newspaper, television or radio production or other similar medium without the prior written consent of CITY.

6.3 FALSE CLAIMS ACT: CONSULTANT warrants and represents that neither CONSULTANT nor any person who is an officer of, in a managing position with, or has an ownership interest in CONSULTANT has been determined by a court or tribunal of competent jurisdiction to have violated the False Claims Act, 31 U.S.C., Section 3789 et seq. and the California False Claims Act, Government Code Section 12650 et seq.

6.4 NOTICES: All notices permitted or required under this Agreement shall be given to the respective Parties at the following addresses, or at such other address as the respective Parties may provide in writing for this purpose:

CONSULTANT:

Infrastructure Engineers
3060 Saturn Street, Suite 250
Brea, CA 92821
Phone: (714) 940-0100
Attn: Steve Forster, Senior V.P.
Phone: (714) 940-0100

CITY:

City of Huntington Park
Public Works
6550 Mile Avenue
Huntington Park, CA 90255
Attn: Ricardo Reyes, City Manager
Phone: (323) 582-6161

Such notices shall be deemed effective when personally delivered or successfully transmitted by facsimile as evidenced by a fax confirmation slip or when mailed, forty-eight (48) hours after deposit with the United States Postal Service, first class postage prepaid and addressed to the Party at its applicable address.

6.5 COOPERATION; FURTHER ACTS: The Parties shall fully cooperate with one another, and shall take any additional acts or sign any additional documents as is reasonably necessary, appropriate or convenient to achieve the purposes of this Agreement.

6.6 SUBCONTRACTING: CONSULTANT shall not subcontract any portion of the Work required by this Agreement, except as expressly stated herein, without the prior written approval of CITY. Subcontracts (including without limitation subcontracts with subCONSULTANTS), if any, shall contain a provision making them subject to all provisions stipulated in this Agreement with the exception of provisions relating to insurance requirements and indemnification.

6.7 CITY'S RIGHT TO EMPLOY OTHER CONSULTANTS: CITY reserves the right to employ other CONSULTANTS in connection with the various projects worked upon by CONSULTANT.

6.8 PROHIBITED INTERESTS: CONSULTANT warrants, represents and maintains that it has not employed nor retained any company or person, other than a *bona fide* employee working solely for CONSULTANT, to solicit or secure this Agreement. Further, CONSULTANT warrants and represents that it has not paid nor has it agreed to pay any company or person, other than a *bona fide* employee working solely for CONSULTANT, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to rescind this Agreement without liability. For the term of this Agreement, no member, officer or employee of CITY, during the term of his or her service with CITY, shall have any direct interest in this Agreement, or obtain any present or anticipated material benefit arising therefrom.

6.9 TIME IS OF THE ESSENCE: Time is of the essence for each and every provision of this Agreement.

6.10 GOVERNING LAW AND VENUE: This Agreement shall be interpreted and governed according to the laws of the State of California. In the event of litigation between the Parties, the venue, without exception, shall be in the Los Angeles County Superior Court of the State of California. If, and only if, applicable law requires that all or part of any such litigation be tried exclusively in federal court, venue, without exception, shall be in the Central District of California located in the City of Los Angeles, California.

6.11 ATTORNEYS' FEES: If either Party commences an action against the other Party, either legal, administrative or otherwise, arising out of or in connection with this Agreement, the prevailing Party in such litigation shall be entitled to have and

recover from the losing Party reasonable attorneys' fees and all other costs of such action.

- 6.12 SUCCESSORS AND ASSIGNS: This Agreement shall be binding on the successors and assigns of the Parties.
- 6.13 NO THIRD-PARTY BENEFIT: There are no intended third-party beneficiaries of any right or obligation assumed by the Parties. All rights and benefits under this Agreement inure exclusively to the Parties.
- 6.14 CONSTRUCTION OF AGREEMENT: This Agreement shall not be construed in favor of, or against, either Party but shall be construed as if the Parties prepared this Agreement together through a process of negotiation and with the advice of their respective attorneys.
- 6.15 SEVERABILITY: If any portion of this Agreement is declared invalid, illegal, or otherwise unenforceable by a court of competent jurisdiction, the remaining provisions shall continue in full force and effect.
- 6.16 AMENDMENT; MODIFICATION: No amendment, modification or supplement of this Agreement shall be valid or binding unless executed in writing and signed by both Parties, subject to CITY approval. The requirement for written amendments, modifications or supplements cannot be waived and any attempted waiver shall be void and invalid.
- 6.17 CAPTIONS: The captions of the various articles, sections and paragraphs are for convenience and ease of reference only, and do not define, limits, augment, or describe the scope, content, or intent of this Agreement.
- 6.18 INCONSISTENCIES OR CONFLICTS: In the event of any conflict or inconsistency between the provisions of this Agreement and any of the exhibits attached hereto, the provisions of this Agreement shall control.
- 6.19 ENTIRE AGREEMENT: This Agreement including all attached exhibits is the entire, complete, final and exclusive expression of the Parties with respect to the matters addressed herein and supersedes all other agreements or understandings, whether oral or written, or entered into between CITY and CONSULTANT prior to the execution of this Agreement. No statements, representations or other agreements, whether oral or written, made by any Party which are not embodied herein shall be valid or binding. No amendment, modification or supplement to this Agreement shall be valid and binding unless in writing and duly executed by the Parties pursuant to Section 6.15, above.
- 6.20 COUNTERPARTS: This Agreement shall be executed in three (3) original counterparts each of which shall be of equal force and effect. No handwritten or typewritten amendment, modification or supplement to any one counterpart shall be valid or binding unless made to all three counterparts in conformity with Section 6.16, above. One fully executed original counterpart shall be delivered to CONSULTANT and the two remaining counterparts shall remain with the City for

archiving and day-to-day reference by the department responsible for administering the Agreement on the City's behalf.

6.21 Notwithstanding any provision to the contrary contained in this Agreement, in no event shall either party be liable for punitive damages.

6.22 **FORCE MAJEURE:** A party's performance of any obligation under this Agreement shall be excused if, and to the extent that, the party is unable to perform because of any event of Force Majeure. In any such event, the party unable to perform shall be required to resume performance of its obligations under this Agreement upon the termination of the event or cause that excused performance hereunder. "Force Majeure" herein means an event which is beyond the reasonable control of a party, including without limitation: (a) acts of God; (b) flood, fire, earthquake, hurricane or explosion; (c) war, invasion, hostilities (whether war is declared or not), terrorist threats or acts, riot or other civil unrest; (d) government order or law that prevents CONSULTANT from performing its obligations as set forth in this Agreement; (e) actions, embargoes or blockades in effect on or after the date of this Agreement; (f) action by any governmental authority that prevents CONSULTANT from performing its obligations as set forth in this Agreement; (g) national or regional emergency; (h) strikes, labor stoppages or slowdowns or other industrial disturbances, other than those involving the affected parties employees;] (i) shortage of adequate power or transportation facilities.

[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed the day and year first appearing in this Agreement, above.

CITY OF HUNTINGTON PARK:

By: _____
Ricardo Reyes
City Manager

INFRASTRUCTURE ENGINEERS

By: _____
Steve Forster

Senior Vice President

APPROVED AS TO FORM:

By: _____
City Attorney

EXHIBIT "A"
SCOPE OF WORK
(SEE ATTACHED)



**INFRASTRUCTURE
ENGINEERS**

3060 Saturn Street, Suite 250
Brea, CA 92821
Tel.: (714) 940-0100
Fax: (714) 940-0700
www.infrastructure-engineers.com

September 16, 2020

Cesar Roldan
Engineering Services Manager
City of Huntington Park
6550 Miles Avenue
Huntington Park, CA 90255

Subject: Proposal for PA&ED Services (CIP 2017-03 ATP Cycle III)

Dear Mr. Roldan,

Infrastructure Engineers was founded 25 years ago by a traffic engineer to provide contract traffic engineering and other municipal services to cities throughout the Southland. Improving and enhancing safe travel through our cities has been the focal point of our team ever since. That's why we are pleased to submit our proposal to the City of Huntington Park to provide Project Approval & Environmental Documents (PA&ED) for Caltrans prior to the City's moving forward to the design phase of the project. The objective of the project is to eliminate hazardous roadway and sidewalk travel conditions and improve pedestrian safety at a number of uncontrolled crosswalks in the City of Huntington Park.

The City of Huntington Park is a valued client. We have completed a broad range of public works design and construction projects for the City including safety enhancements and traffic improvement projects, such as the HAWK Signal at Gage Avenue-and Bissell Street project, ATP Cycle 2 Uncontrolled Crosswalk and Safety Enhancement project, the i-Park System Implementation Design and Construction project, and the Signal Synchronization/Bus Speed Improvements project, among others.


With this in mind, we are proposing a highly skilled team of technical experts to field investigate and prepare environmental studies to complete this project's Project Approval & Environmental Document (PA&ED) phase in preparation for the development of Plans, Specifications and Estimate (PS&E). We are eager to begin the initial stages of this project to install rectangular rapid flashing beacons (RRFBs) and LED lights, updated signage and pavement markings at uncontrolled crosswalks. Our team will be led by Nick Servin, PE, a veteran civil engineer. The team has prepared numerous PA&EDs with Caltrans oversight for many traffic safety projects such as Baldwin Park's ATP Cycle 3 Pedestrian and Bicycle Safety Enhancement Project and Hawaiian Garden's HSIP Cycle 8 Carson Street and Norwalk Boulevard Safety Improvement Projects.

We believe the references we provide will assure your evaluation team that we have the vast experience for this work and that we consistently meet deadlines and budgets. Additionally, we know how to meet important fast-tracked deadlines for projects such as this where the safety of the City's residents, pedestrians and bicyclists is at stake. Our entire team stands ready to assist the City with this important project as soon as the notice to proceed is given.

We have read, understood, and agreed to all statements in this request for proposal and acknowledge receipt of all addendums/amendments as well as to the terms, conditions, and attachments referenced.

If you have any questions about our proposal, please contact our proposed Project Manager, Nick Servin, PE, by phone at (760) 533-6532 or by email at nservin@infengr.com. We thank you for this opportunity to continue to be of service to the City of Huntington Park.

Sincerely
Infrastructure Engineers


Farzad Dorrani, MS
Chief Operation Officer


Nick Servin, PE
Project Manager



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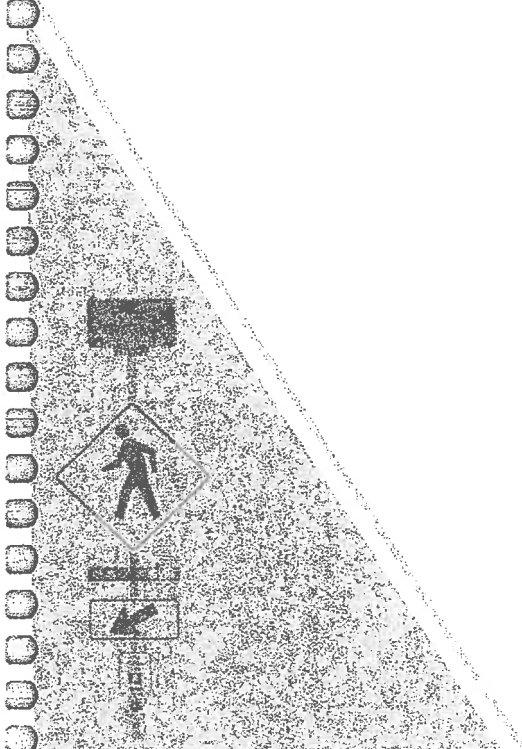
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INFRASTRUCTURE ENGINEERS BACKGROUND

Infrastructure Engineers was founded in 1994 for the sole purpose of providing professional engineering and municipal services to cities in Southern California. From the beginning, we have been committed to making a difference in the communities we serve by helping cities maintain and improve their infrastructure and by supporting their civic functions. We provide a full range of services to cities, including civil engineering and architectural design, traffic planning and engineering, municipal planning, environmental studies and CEQA/NEPA compliance, construction management and inspection, plan checking, and building and safety services. Specific to the City of Huntington Park's need for project approval and environmental documents for installation of rectangular rapid flashing beacons (RRFBs) and other safety enhancements at locations near schools and at other unprotected crosswalks, our broad spectrum of traffic services offered includes the following:

- ◆ Traffic Engineering Design
 - Traffic Signal and System Design
 - Interconnect Design
 - Signing & Striping
- ◆ ITS Design and Implementation
 - Transportation Planning
 - Local Transportation
 - Regional Transportation
 - Multi-Modal Transportation Plans
 - Rail Grade Crossing
 - School Route Analysis
- ◆ Traffic Studies
 - Speed Survey
 - Traffic Circulation Studies
 - Project Reports (PR)/Project Study Reports (PSR)
 - Calming Studies
 - Traffic Control and Detour Plans
 - Traffic/Transportation Feasibility
 - Safety Studies
- ◆ Environmental Compliance
 - PA&ED Document Preparation
 - NPDES Compliance
 - CEQA Studies and Compliance

Our firm was founded by a traffic engineer and this has been one of our core services for the past 25 years. As such, our traffic engineers understand that safer traffic conditions contribute to healthy and functional traffic flow. Between 2008 and 2017, a total of 7,127 people in California were killed while walking. Pedestrians made up 22 percent of all California vehicle-related fatalities during that period, while in the nation as a whole it was 14.2 percent. People over 50 years old are more than twice as likely to be hit and killed by motorists than people under 50¹. These statistics are alarming and Infrastructure Engineers' traffic engineers are dedicated to changing them for the better. Our traffic engineers have designed hundreds of pedestrian safety measures, often recognizing a bad situation while working on other projects. *For instance, while conducting a field reconnaissance for a project in Bell Gardens, Infrastructure Engineers staff noticed a school in the area where children were crossing a major street with no signal. Because of a curve in the street, the radius of the bend was obscuring the existing signs that warned motorists of the upcoming crossing zone. We were able to create a case for the City to procure additional funds to have a signal designed and installed.*





QUALIFICATIONS AND EXPERIENCE OF PERSONNEL

The following matrix provides a summary of the relevant work experience, work history, training, education, and special certifications of Infrastructure Engineers' team personnel.

Name, Role, Credentials, Office Location	Experience
Nick Servin, PE Project Manager Education BS, Civil Engineering, San Diego State University Coursework in Master's Program - Sediment Transport Analysis, HEC2 Analysis, Engineering Forensics Registrations/Certifications Registered Civil Engineer, CA, No. 33538 Years of Experience: 35 Office Location: Brea	<ul style="list-style-type: none">• City Engineer/Plan Reviewer for the City of Bell Gardens, City of South El Monte, City of Lynwood and City of Montebello• City Engineer, Lorraine Avenue Resurfacing & Street and Landscaping Improvement\ Project, City of Glendora• City Engineer, Barranca Avenue Resurfacing & Street Improvement Project, City of Glendora• City Engineer, Grand Avenue Resurfacing Project, City of Glendora• City Engineer, Whitcomb Avenue Resurfacing Project, City of Glendora• City Engineer/Public Works Director, Cole Road Street Improvements, Highway 111 to Meadows Road, Rehabilitation and Resurfacing Project, City of Calexico• City Engineer/Public Works Director, Emerson Street Rehabilitation and Resurfacing Project from Highway 98 to 2nd Street, City of Calexico
Albert Armijo Environmental Specialist Education: MA, History and American Studies BA, History and Comparative Culture Years of Experience: 35 Office Location: Brea	<ul style="list-style-type: none">• IS/Mitigated Negative Declaration, Lakeview Avenue Widening, Yorba Linda• IS/Mitigated Negative Declaration, Bastanchury Road Widening, Yorba Linda• IS/Mitigated Negative Declaration, Imperial Highway Improvement Project, Yorba Linda• IS/Mitigated Negative Declaration, Plaza Mexico Residential/Commercial Expansion, Lynwood• IS/Mitigated Negative Declaration, Metrolink Station Improvements, City of Yorba Linda• SEIR, Veterans Village, City of Lynwood• EIR, Quail Valley, Quail Valley LLC, Unincorporated Los Angeles County• EIR, Del Rio, Unincorporated Orange County• EIR, Chevron Superfund Site, City of Huntington Beach
Steve Hilton, TE Engineering Design Lead Education BS, Civil Engineering Registrations/Certifications: Registered Traffic Engineer, CA, No. 2422 Years of Experience: 40+ Office Location: Brea	<ul style="list-style-type: none">• Senior Traffic Engineer, Systemic Safety Analysis Report Program (SSARP) Intersections Evaluation Study, City of Baldwin Park• Senior Traffic Engineer/Project Manager, Stop Sign Warrant Study - Garvey Avenue and Corak Street, City of Baldwin Park• Senior Traffic Engineer/Project Manager, Stop Sign Warrant Analysis - Cleveland Avenue & 7th Street, City of Montebello• Senior Traffic Engineer/Project Manager, Speed and Volume Traffic Counts, Lincoln Avenue between Via Paseo and Hay Street, City of Montebello
Brenda Corona, EIT Engineering Assistant Education: BS, Civil Engineering Registrations/Certifications: EIT, CA No. 169116 Years of Experience: 3 Office Location: Brea	<ul style="list-style-type: none">• Engineering Assistant, Martin Luther King Jr. Boulevard and Stockwell Drive Signal Study - Engineering Services, City of Lynwood• Designer, HSIP Cycle 8 Project Various Intersection Improvements, City of Bell Gardens• Traffic Assistant, Systemic Safety Analysis Report Program, City of Bell Gardens• Traffic Assistant, Systemic Safety Analysis Report Program, City of Baldwin Park• Traffic Assistant, Martin Luther King Jr. Boulevard and Stockwell Drive Signal Study, City of Lynwood



Name, Role, Credentials, Office Location	Experience
Chelsea Emilio, MS Environmental Scientist Education: Masters, Environmental Studies, CSUF, Fullerton, 2018 Bachelors, Earth Science, CSUF, Fullerton, 2015 Registrations/Certifications: Groundwater & Wells Design, CSUF, Fullerton, 2018 Years of Experience: 5 Office Location: Brea	<ul style="list-style-type: none">• Design Lead, NPDES Watershed Management Plan and Integrated Monitoring Program Coordination, City of Bell Gardens• Design Lead, NPDES Watershed Management Plan and Integrated Monitoring Program Coordination, City of Montebello• Engineering Assistant, Lincoln Park Improvement, City of Anaheim• Design Lead, SSARP Int Evaluation Study, City of Baldwin Park• Engineering Assistant, Various Streets Improvement Project, City of Baldwin Park• Engineering Assistant, San Gabriel River Bikeway-Design Phase, City of Baldwin Park
Shawn Mousavi, MS, PE Engineering Associate Education MS, Transportation Engineering BS, Civil Engineering Registrations/Certifications: CA PE (Civil) No. 91696 Years of Experience: 5 Office Location: Brea	<ul style="list-style-type: none">• Design Assistant, Traffic Signal Plans for Cesar Chavez Dr. & Ramona Blvd., Baldwin Park• Design Assistant, Traffic Signal Design at Garfield Ave & Eastern Ave Intersection, Bell Gardens• Design Assistant, Traffic Signal Design, HSIP Cycle 9-Traffic Signal Improvements, Lynwood• Engineering Assistant, SSARP Evaluation Study, City of Bell Gardens• Engineering Assistant, Signal Synchronization and Bus Speed Improvement Design Phase, City of Huntington Park

Company Experience

Infrastructure Engineers has performed numerous engineering and environmental permitting services for cities throughout Southern California. We have provided environmental assessments, permitting and compliance for traffic signals, roadways and other transportation projects. The following projects illustrate our team's ability to obtain the relevant environmental approvals for transportation projects.

San Gabriel River Bikeway Path Project, City of Baldwin Park

Infrastructure Engineers provided engineering and environmental permitting services for 2.5 bicycle and pedestrian path.

Montebello Way Traffic Signal Improvement Project, City of Montebello

Infrastructure Engineers conducted a Preliminary Environmental Study, design and construction management and inspection services for the improvement of numerous intersections.

HSIP Cycle 8 - Florence Avenue and Eastern Avenue Regional Surface Transportation Improvements and Environmental Document, City of Bell Gardens

Infrastructure Engineers conducted a Categorical Exemption environmental analysis, per CEQA Guidelines for this project.

Slauson Avenue Congestion Relief Improvements Project, City of Huntington Park

Infrastructure Engineers is providing environmental analysis, design, topographical survey, geotechnical investigation and irrigation design for five intersections along Slauson Avenue.

HAWK Signal Gage-Bissell Project, City of Huntington Park

Infrastructure Engineers provided design of the HAWK signal as well as a signed CEQA check-off list certifying that all environmental clearances and permits have been addressed.



PROJECT APPROACH

Project Approval & Environmental Document (PA&ED) phase for a Federal and/or State funded project requires completing specific tasks as defined by Caltrans Local Assistance Procedures Manual (LAPM) Chapter 5, that include completing Field Review forms and Preliminary Environmental Study (PES) package and submitting these to Caltrans Local Assistance Engineer for review and approval of a Categorical Exemption for the project per CEQA and NEPA requirements. The documents must be submitted as part of a Project Study Report (PSR) Equivalent.

Caltrans LAPM Chapter 5 specifically mentions: When a local agency proposes a STIP project off the State Highway System (SHS), they must prepare a "PSR Equivalent." A PSR Equivalent consists of the first two pages of the Field Review Form and a Preliminary Environmental Study (PES). The PES form is located in Exhibit 6A of Chapter 6, of the LAPM. Instructions can be found in Exhibit 6B."



The City needs to complete the PA&ED tasks before submitting a request to California Transportation Commission (CTC) for allocation of funds for Plans, Specifications and Estimate (PS&E) phase.

The City's project will include installing Rectangular Rapid Flashing Beacons (RRFB) with LED lights, updated signage, and pavement markings at a number of existing uncontrolled crosswalks in order to eliminate hazardous conditions while improving pedestrian safety. These uncontrolled crosswalks are located near schools and along Pacific Boulevard, Miles Avenue, State Street, Gage Avenue, Alameda Street, Saturn Avenue, Zoe Avenue and Salt Lake Avenue.

The PA&ED Phase is intended to assure that all of the alternatives and the proposed preferred alternative are constructible on the available level of detail.

Tasks and Methodology

Task 1 – Conduct Field Review and Surveys

Our team will conduct a comprehensive field review and reconnaissance survey at each of the uncontrolled pedestrian crossing locations under the scope of the project per grant application to prepare appropriate environmental documents for the project, listing and evaluating reasonable alternatives and feasible mitigation in accordance with California Environmental Quality Act (CEQA).

CEQA

**Task 2 – Fill out Caltrans LAPM Chapter 7 Exhibit 7-B Field Review Form and Chapter 6 Exhibit 6-A Preliminary Environmental Study Form**

Our team will fill out Exhibit 7-B as completely as possible prior to the field review and send a copy with a location map to each of the interested parties attending the field review. Representatives from Caltrans and the FHWA will be contacted to determine if their participation in the field review is required. Caltrans and the FHWA may also attend optional field reviews, if requested. Caltrans has delegated design exception approval authority for projects off the SHS to the City/County Public Works Director. Therefore, the proposed design exceptions, if any, would be identified and discussed at the field review. The on-site visit will be performed by our project engineer and project manager to verify the data and information used to complete the forms.

Our team will fill out Exhibit 6-A Preliminary Environmental Study (PES) form and include both Exhibit 7-B (Field Review form) and Exhibit 6-A (PES form) in a formal PSR Equivalent document including relevant technical and environmental studies and submit to Caltrans (the lead agency under CEQA) for approval of the CEQA environmental document for the project and issuance of Categorical Exemption (CE) per CEQA.

Our team will also fill out and submit all forms that will be required for CTC fund allocation request package for the project's PS&E phase and a Finance Letter.

As the PA&ED phase is a Caltrans-controlled process, our team will monitor and inform the City of Caltrans's oversight, concurrence, and approval at each step in each phase of the process, including the review and approval of the various required document submittals and technical reports, the selection of project alternatives, and the environmental review process under CEQA.

IE will develop and maintain a Project Schedule for approval based on City approval process and applicable date restrictions and conduct scoping meeting with the City to discuss any deviation from initial tasks.

Task 3 – Permitting and Regulations

Our team will observe all laws, rules, and regulations concerning environmental permitting to fully entitle the project to move into the design and ultimately the construction phase. The task will include

- ◆ Incorporating environmental requirements (as applicable), mitigation measures, NPDES requirements (including adherence to MS4 LID requirements), BMPs, air/water quality, and erosion/sediment control into Project construction documents as required.
- ◆ Our team will provide a signed check off list certifying that all environmental clearances/permits (CEQA) have been completed and all mitigation measures will have to be incorporated into the PS&E prior to the advertisement of the Project for construction.

Task 4 – Meetings

Our team will schedule and attend the following minimum number of meetings during the course of the project:

- ◆ Three (3) Scoping/Kick off/final meetings with City staff

We will prepare agenda, notices and meeting minutes for each meeting, as necessary.

PROPOSED PERSONNEL

Education

BS, Civil Engineering, San Diego State University

Coursework in Master's Program - Sediment Transport Analysis, HEC2 Analysis, Engineering Forensics

Registrations/Certifications

Registered Civil Engineer, CA, No. 33538

Years of Experience: 33

Nick Servin, PE

Project Manager

Nick Servin's extensive experience includes division-wide, high-level leadership, management, supervision, and administration of an engineering division, including its staff, and extended resources. He has extensive experience in planning, directing, supervising, and reviewing activities of the division involving CIP projects, land development, and databases. He is adept at working with all phases and types of municipal infrastructure projects and all levels of personnel to see those projects

through to successful completion. As a Public Works Director and City Engineer, Nick has the experience and expertise for skillfully meeting with various city councils, commissions, and department staffs, as well as public stakeholders to build consensus on projects and procedures. Nick's managerial, supervisory, and administrative responsibilities have included finance, personnel administration, supervision, and organizational development

Project Experience

City Engineer and Plan Reviewer for the City of Bell Gardens, City of South El Monte, City of Lynwood and City of Montebello

Reviewed civil engineering plans: street improvements, grading plans, hydrology/hydraulics, LID, SUSMP, SWPPP, traffic studies, soils reports, infiltration reports. Reviewed final maps, parcel maps, lot mergers, lot line adjustments, coordinate calculations, records of survey maps, ALTA surveys, legal descriptions, and easement documents. Attended meetings with officials and public related to land development projects (subdivisions, lot mergers/adjustments, new buildings, grading projects). Provided help to applicants at the public counter when required

City Engineer and Public Works Director, Interim City Manager, City of Calexico

Managed the entire staff of Public Works, Engineering, Building Division, Planning Division, Code Enforcement, Airports, Waste Water Collections and Treatment, Water Treatment and Distribution, Parks, and Facilities. Presented developments, grants, bids, studies, programs to various groups, which included Planning Commission, City Council, Parks Commission, Beautification Commission, Business Improvement District, Caltrans, ICTC, Binational Groups, GSA, FHWA, FAA, Customs, Airport Land Use Commission, and Imperial Irrigation District. Prepared and monitored budgets for all divisions of Public Works, Engineering, Airport, Building and Planning. Provided oversight of design for the following street rehabilitation projects for the City of Calexico.

- ◆ Cole Road Improvement Project, Highway 111 to Meadows Road, Rehabilitation and Resurfacing
- ◆ West 2nd Street Improvement Project from Cesar Chavez Boulevard to Airport, complete Removal and Reconstruction
- ◆ Emerson Street Rehabilitation and Resurfacing Project from Highway 98 to 2nd Street
- ◆ Kioke Avenue Resurfacing Project
- ◆ Rockwood Avenue Resurfacing Project



Interim City Engineer, City of Glendora. Responsible for division-wide, high-level leadership, management, supervision, and administration of an engineering division, ITS staff, and extended resources. Planned, directed, supervised and reviewed activities of the division, including CIP projects, land development, and databases. Worked with all phases and types of municipal infrastructure projects and all levels of personnel to see those projects through to successful completion. Met with City Council, Commissions, and department staffs, as well as public stakeholders to build consensus on projects and procedures. Supervisory and administrative responsibilities included finance, personnel administration, supervision, and organizational development. Provided design and oversight of the following street rehabilitation projects.

- ◆ Lorraine Avenue Resurfacing & Street and Landscaping Improvement Project
- ◆ Grand Avenue Resurfacing Project
- ◆ Meda Avenue Resurfacing Project
- ◆ Whitcomb Avenue Resurfacing Project
- ◆ Barranca Avenue Resurfacing & Street Improvement Project

Contract City Engineer, City of South El Monte

Responsible for leadership, management, supervision and administration of the engineering division. Duties include:

- ◆ Being available to developers, engineers, architects, builders and the public counter, for grading, improvements, parking, signage, etc.
- ◆ Reviewing grading plans, lot mergers, PM, FM, LLA, improvement plans
- ◆ Reviewing hydrology/hydraulic, LID, SWMP reports
- ◆ Interviewing consultants providing engineering services to the City
- ◆ Preparing LAPM forms for Caltrans projects
- ◆ Helping to train City staff
- ◆ Meeting with city manager, planning director

Contract City Engineer, City of Baldwin Park

Responsible for leadership, management, supervision, and administration of the engineering division. Duties include:

- ◆ Being available to developers, engineers, architects, builders and the public counter, for grading, improvements, parking, signage, etc.
- ◆ Reviewing grading plans, lot mergers, PM, FM, LLA, improvement plans
- ◆ Reviewing hydrology/hydraulic, LID, SWMP reports
- ◆ Preparing LAPM forms for Caltrans projects
- ◆ Helping to train City staff

Senior Project Manager, Dudek and Associates, Inc.

Supervised a large staff of engineers to perform a variety of engineering tasks that included design of landfills, water, sewerage pipes and plants, pumping stations, drainage, street, subdivision designs, investigations, inspections, report writing, technical studies and documentation, training, and flood studies and flood mapping.



Education

BA, History and
Comparative Culture
Culture, University of
California, Irvine

MA, History and
American Studies,
Indiana University

PhD Candidate,
Comparative
Racial/Ethnic Studies
and History, University
of California, Berkeley

Years of Experience:
35

Albert Armijo

Environmental Specialist

Albert Armijo has more than 35 years of professional experience in project management, processing land use entitlements, and composing environmental documents. Albert has created and managed project work teams, managed entitlement processes, secured entitlements for development proposals, composed land use regulations, drafted policies and planning studies, produced all levels of environmental documents in compliance with CEQA and NEPA regulations and guidelines, worked extensively with community and private interest groups, conducted public presentations on behalf of clients, and performed project advocacy. Additionally, Mr. Armijo has processed all levels of discretionary applications and environmental documentation, prepared reports

about state legislation and environmental procedures. He continues to provide project entitlement management, coordination and processing services for private-sector clients, conducted planning studies and environmental analyses, and composed all levels of environmental documentation for private and public entities

Project Experience

Initial Study/Mitigated Negative Declaration Agent, Lakeview Ave Widening; City of Yorba Linda

Albert served as sole author of an Initial Study and Mitigated Negative Declaration for a proposal to construct an additional traffic lane and associated improvements to a 1,500-foot segment of an existing roadway. Principal issues investigated and addressed pertained to air quality, drainage, noise, traffic and pedestrian safety and water quality.

Initial Study/Mitigated Negative Declaration Agent, Imperial Hwy Improvement Project; City of Yorba Linda

Mr. Armijo served as sole author of an Initial Study, Mitigated Negative Declaration and NEPA clearance for a proposal to construct an overpass and widen Imperial Highway in the vicinity of Orangethorpe Avenue. Principal issues investigated and addressed included air quality, biological resources, drainage, grading, hydrology, General Plan consistency, vehicular circulation and water quality.

Initial Study/Mitigated Negative Declaration Agent, Bastanchury Rd Widening; City of Yorba Linda

Served as sole author of an Initial Study and Mitigated Negative Declaration for a proposal to construct an additional traffic lane and associated improvements along a 2,500-foot segment of an existing roadway. Principal issues investigated and addressed pertained to air quality, General Plan consistency, water quality, noise, traffic safety, pedestrian safety and aesthetics (street lighting).

Initial Study/Mitigated Negative Declaration Agent, Metrolink Station Improvements; City of Yorba Linda

Served as sole author of an Initial Study and Mitigated Negative Declaration for a proposal to construct a Metrolink station and related parking facilities on a two-acre property. Principal issues addressed included air quality, aesthetics, biological resources, neighborhood compatibility, parking and vehicular access.

**Education**

BS, Civil Engineering

Registrations/Certifications:Registered Traffic Engineer,
CA, No. 2422**Years of Experience:** 40+**Steve Hilton, PE, TE***Design Lead*

Steve Hilton has more than 35 years of experience in traffic engineering and transportation planning. Steve served as the City Traffic Engineer for the City of Monterey Park for 13 years. His experience includes preparation of traffic engineering grants, studies, investigation and response to citizen inquiries and complaints; reviewing traffic accident data; providing plan, design, recommendations and supervising traffic improvement projects. Steve also reviews development projects; prepares conditions of approval, coordinates with consulting firms, as well as county, state and federal agencies; makes presentations to City Councils, Planning Commissions, Traffic Commissions, Public Works Commissions, community groups, city departments, consultants, lawyers and courts. In addition, he is recognized as a traffic accident reconstruction expert and expert witness.

Project Experience**Senior Traffic Engineer, Systemic Safety Analysis Report Program (SSARP) Intersections Evaluation Study, City of Baldwin Park.**

The City was issued a request to evaluate high accident intersections within its boundaries. This SSARP evaluated one high-risk roadway segment and seven intersections that had reported accidents that occurred within 300 feet for a three-years period from January 1, 2015 through January 1, 2018. As a result of this report, the City of Baldwin Park will be able to obtain a list of prioritized intersections, collision types, possible collision factors of the accidents and countermeasures to improve traffic safety within the City via Caltrans.

Senior Traffic Engineer/Project Manager, Stop Sign Warrant Study - Garvey Ave and Corak St, City of Baldwin Park

Infrastructure Engineers was contracted by the City of Baldwin Park to conduct this traffic safety analysis and examine the feasibility of installing stop signs at the intersection of Corak Street and Garvey Avenue. Residents had concerns relative to vehicular speeds, traffic collisions, near misses and pedestrian safety at the intersection. The objective of this study was to evaluate intersection safety and determine the need and warrant requirements for installation of stop sign control devices at the intersection to improve safety.

Senior Traffic Engineer/Project Manager, Stop Sign Warrant Analysis - Cleveland Ave & 7th St, City of Montebello.

Infrastructure Engineers had been contracted by the City of Montebello to evaluate traffic safety and the need for stop sign installation at the intersection of Cleveland Avenue and 7th Street. Residents within this area had indicated their concerns relative to vehicular speeds, traffic safety and pedestrian safety. This analysis included a field review to identify existing conditions, collection of traffic counts, speed data and review of traffic collision history. Each of these elements were evaluated as part of this traffic study.

Senior Traffic Engineer/Project Manager, Speed and Volume Traffic Counts, Lincoln Ave between Via Paseo and Hay St, City of Montebello.

In response to a request by City Traffic Commission, a 24-hour speed and volume traffic count was conducted at two locations on Lincoln Avenue. Count results were presented to the City as supporting information to respond to the Traffic Commission's initial request.



Education

BS, Civil Engineering,
California State Polytechnic
University, Pomona, 2016

MS, Transportation
Engineering, California State
Polytechnic University,
Pomona, 2018

Registrations/Certifications

Registered Civil Engineer, CA,
No. 91696

Years of Experience: 5

Shawn Mousavi, MS, PE

Engineering Associate

Shawn Mousavi has over 5 years of design experience including the development of traffic signal plans, signal hardware upgrades, and signal synchronization timing improvements. Utilizing AutoCAD and GIS, he is highly proficient in drafting specifications and phase diagrams, calculating cost estimates, and generating schedules. He has produced signal warrant reports in compliance with state and city regulations including the California Manual on Uniform Traffic Control Devices. Additionally, he has provided plan check assistance by organizing and assessing plan check

fees from the Building and Safety Department.

Project Experience

Engineering Assistant, HSIP Cycle 7 Project - Intersections Improvements, City of Montebello

Mr. Mousavi oversees the upgrade of signal hardware to improve the signal timing for three traffic intersections in the City of Montebello. He is responsible for the design, specifications, and providing cost estimates. Duties include changing the phase diagram to protective-permissive and relocating existing k-rails to improve traffic flow and safety.

Engineering Assistant, Signal Synchronization and Bus Speed Improvement Design Phase, City of Huntington Park

Shawn designed the signal synchronization system to provide smooth movement of traffic for three arterial street corridors in the City of Huntington Park. Using AutoCAD and GIS to develop the design, he wrote the specifications and calculated the cost estimate to implement the program.

Engineering Assistant, New Traffic Signal Long Beach Blvd and Louise St, City of Lynwood

Mr. Mousavi was responsible for the design of the traffic signal, striping plans, specifications, and cost estimate for the new traffic signal intersection. Activities included using AutoCAD to create the general notes, construction notes, conductor schedule, traffic signal plan, and phase diagram.

Engineering Assistant, Florence and Eastern Intersection Improvement, City of Bell Gardens

This improvement project entailed upgrading the traffic signal design with a new additional lane. Shawn replaced all the traffic signal poles and created a new conductor schedule and phase diagram.

Engineering Assistant, Montebello Blvd Bike Lane and Sidewalk Improvement Phase II, City of Montebello

Shawn was responsible for the design of six traffic signal intersections, specifications of the traffic signal plans, and cost estimate for new traffic signal intersections in the City of Montebello. He used AutoCAD to create the general notes, construction notes, conductor schedule, traffic signal plan, and phase diagram for the project.

Engineering Assistant, Beverly and Wilcox Intersection Improvement, City of Montebello

Mr. Mousavi designed traffic signal plans and placed video detection cameras within the intersection for this improvement project in Montebello. He generated general notes, construction notes, conductor schedule, and phase diagram using AutoCAD.



Certifications

Masters, Environmental Studies, CSUF, Fullerton, 2018

Bachelors, Earth Science, CSUF, Fullerton, 2015

Registrations/Certifications
Groundwater & Wells Design, CSUF, Fullerton, 2018

Years of Experience: 3

Chelsea Emilio, MS

Environmental Scientist

Chelsea's experience spans a broad range of National Pollutant Discharge Elimination System (NPDES) and environmental consulting related services, including half of a year with WGR Southwest as an environmental compliance technician. During her tenure with WGR, Chelsea consulted industrial facilities on implementing plans, procedures, best management practices, facility monitoring, and sampling to comply with local, state, and

federal regulations. She completed weekly site inspections and prepared Storm Water Pollution Prevention Plans (SWPPP) for clients. Chelsea is also experienced in stormwater sampling and laboratory result analysis for reporting to regulatory agencies. She has been involved in a variety of areas including traffic engineering, NPDES services, grant writing and funding for various projects.

Project Experience

Design Lead, NPDES Watershed Management Plan and Integrated Monitoring Program Coordination, City of Bell Gardens

Chelsea attended all regular watershed meetings, representing the City as requested. She attended all workshops held by the Regional Water Quality Control Board and provided the City Engineer with reports and updates. With the collaboration of engineering, code enforcement, building, street maintenance, planning, and relevant contracted services, she developed the annual report for the City and identified methods used to meet compliance and provided calculations for scientific justification.

Design Lead, NPDES Watershed Management Plan and Integrated Monitoring Program Coordination, City of Montebello

Chelsea represented the City of Montebello during negotiations and participation in sub-regional watershed management programs. She attended watershed meetings and provided reports to the City Engineer. She attended all workshops held by the Regional Water Quality Control Board and provided the City Engineer with reports and updates. With the collaboration of engineering, code enforcement, building, street maintenance, planning, and relevant contracted services, she developed the annual report for the City and identified methods used to meet compliance and provided calculations for scientific justification.

Design Lead, NPDES Program, City of Montebello

Chelsea coordinated with various City departments to prepare the annual report under the MS4 permit. She attended all Los Angeles Permit Group and Upper Los Angeles (ULAR) watershed group meetings and provided minutes of items discussed to the City engineer. She attended the Regional Boards MS4 Workshop and prepared report for the City to review. She worked with the City to generate a current catch basin inventory for City's invoicing to the County for the annual cost of catch basin maintenance.

Design Lead, Systemic Safety Analysis Report Program (SSARP) Evaluation Study, City of Bell Gardens

Chelsea created the High Accident Location Analysis Report, collision tables, Appendix B Intersection summary, and Safe Routes to School Study for the SSARP Report.

Design Lead, Federalize the PS&E Doc for Garfield Ave Imp Project, City of Bell Gardens

Chelsea generated 90% project transmittal form for Avant Garde for Caltrans PES clearance for project funding.



Education

BS, Civil Engineering,
California State
Polytechnic University,
Pomona, 2016

Registration/Certification

Engineer-in-Training, CA
No. 169116

Years of Experience: 3

Brenda Corona, EIT

Engineering Assistant

Brenda Corona is an engineering assistant who provides engineering design on traffic signal projects as well as conducting research on traffic engineering projects. Brenda has also provided project administration and she has been a construction management intern, where she has been involved in a wide variety of projects - creating and maintaining project files, with documents such as plans, specifications, contract change orders, request for information, submittals, transmittals, cost estimates, progress payments, construction schedule, emergency contact list, field pictures, emails, weekly and daily reports from inspectors.

Project Experience

Traffic Assistant, Martin Luther King Jr, Boulevard and Stockwell Drive Signal Study – Engineering Services, City of Lynwood

Brenda was responsible for analyzing traffic counts to perform calculations for warrant studies. Performed traffic signal warrant analysis for intersection with available information. Conducted a field review to establish any major improvements needed. Utilized TIMs to identify collisions at intersections and provided potential countermeasures. Implemented and satisfied current CA-MUTCD and Caltrans standards to improve site conditions. Utilized AutoCAD to design a preliminary High-Intensity Activated crossWalk beacon (HAWK) signal. Combined all analyses and created a report for City review.

Traffic Assistant, Systemic Safety Analysis Report Program – Engineering Services, City of Bell Gardens

Brenda conducted a high accident location intersection analysis by collecting data from the Statewide Integrated Traffic Recording Systems (SWITRS). She utilized Transportation Injury Mapping System (TIMS) to create collision diagrams for 37 intersections. She identified crash patterns and crash types to provide countermeasures with Local Roadway Safety Manual. Analyzed common routes to schools in Bell Gardens to provide safety projects. She also analyzed existing conditions for 11 schools (public, private, and charter) within Bell Gardens. She proposed recommendations for intersections near schools utilizing CA-MUTCD and Caltrans standards. She performed signalized intersection warrant analysis near Bell Gardens High School. Combined all analysis and created a report for City review.

Traffic Assistant, Systemic Safety Analysis Report Program – Engineering Services, City of Baldwin Park

Conducted a high accident location intersection analysis by collecting data from the Statewide Integrated Traffic Recording Systems (SWITRS). Utilized Transportation Injury Mapping System (TIMS) to create collision diagrams for 27 intersections. Identified crash patterns and crash types to provide countermeasures with Local Roadway Safety Manual. Analyzed common routes to schools in Baldwin Park to provide safety projects. Created a field visit schedule to meet deadlines and submittals to the City. Analyzed existing conditions for 26 schools (public, private, and charter) within Baldwin Park. Proposed recommendations for intersections near schools utilizing CA-MUTCD and Caltrans standards. Combined all analyses and created a report for City review.



QUALITY ASSURANCE/QUALITY CONTROL

Quality assurance and quality control (QA/QC) are top priorities for Infrastructure Engineers. Producing engineering and compliance documents of the highest caliber is what keeps us in business. Our QA/QC practice involves a comprehensive process to ensure delivery of quality products and services to meet your stringent criteria.

Infrastructure Engineers appoints an experienced and qualified QA/QC reviewer to provide leadership and guidance in producing complete and comprehensive documents to meet all industry standards as well as the City's expectations. Our monitoring and inspection documents will result in meeting the NPDES and MS4 mandates and will provide clear understanding to your staff and constituency of all related requirements.

Key elements of our quality control are the assignment of skilled personnel who are experienced in the particular discipline, effective and constant communications, and monitoring of project progress. The quality control process includes the following principles:

- ◆ Assignment of skilled professionals instituting a comprehensive and interactive orientation of the project goals and the means of achieving these goals
- ◆ Daily contact by the Project Manager with each on-going activity to provide support and guidance, to maintain focus and momentum, and to monitor the quality of work
- ◆ Maintaining regularly scheduled project staff meetings for reviewing work status, reviewing technical elements of the project, coordinating and interfacing of activities, reviewing budget parameters, and discussing upcoming activities and responsibilities
- ◆ Internal (peer review) audits of municipal services for quality, accuracy, and completeness
- ◆ Strictly and rigorously following Infrastructure Engineers-developed QA/QC standards and guidelines
- ◆ Review by the Project Manager prior to submittal to assure services meet all standards and codes, project goals and objectives, and contract requirements
- ◆ Design QA/QC are carried out by our highly experienced and licensed professional civil engineers
- ◆ Constructability reviews during the design phase are carried out by our experienced construction managers and inspectors



REFERENCES

Montebello Way Traffic Signal Improvement Project, City of Montebello

Infrastructure Engineers conducted a Preliminary Environmental Study, design and construction management and inspection services for the improvement of the intersection at Montebello Boulevard, Montebello Way, Roosevelt Avenue and Truck Way. Modifications were comprised of synchronization with an existing railroad crossing and modification to the intersection geometric, including re-striping, crosswalk and median islands.



Client Contact:

James Enriquez, PE, Director of Public Works/City Engineer at City of Montebello

Phone: (323) 887-1462

Email: jenriquez@cityofmontebello.com

HSIP Cycle 8 - Florence Avenue and Eastern Avenue Regional Surface Transportation Improvements and Environmental Document, City of Bell Gardens

Infrastructure Engineers conducted a Categorical Exemption environmental analysis per CEQA Guidelines for this project. The intersection of Florence Avenue and Eastern Avenue is located 400 feet east of the 710 Freeway on/off ramps with Eastern Avenue running parallel with the 710 Freeway. Traffic signal system components for the intersection were upgraded as well. Our firm assisted the City with right-of-way acquisition before continuing with the PS&E.



Client Contact:

Chau Vu, Director of Public Works, City of Bell Gardens

Phone: (562) 806-7770

Email: cvu@bellgardens.org

San Gabriel River Bikeway Path Project, City of Baldwin Park

Infrastructure Engineers provided engineering and environmental permitting services for a 2.5 bicycle and pedestrian path. The design phase of the project included project management and meetings, data collection and record research, utility research and agency coordination, surveying, hydraulic and hydrology analysis, and 80%, 100% and final plans, specifications and cost estimate.



Client Contact:

Sam Gutierrez, Director of Public Works at City of Baldwin Park

Phone: (626) 813-5255, Ext. 460

Email: sgutierrez@baldwinpark.com



Slauson Avenue Congestion Relief Improvements Project, City of Huntington Park

Infrastructure Engineers is currently providing environmental analysis, design, topographical survey, geotechnical investigation and landscaping and irrigation design for five intersections along Slauson Avenue. The boundaries at each intersection location encompass 500 feet in each direction along Slauson Avenue. Infrastructure Engineers coordinated with the Cities of Maywood and Vernon as well as LA METRO.



HAWK Signal Gage-Bissell Project, City of Huntington Park

Infrastructure Engineers is provided design of the HAWK signal as well as a signed CEQA check-off list certifying that all environmental clearances and permits have been addressed. The traffic study concluded that a High-Intensity Activated CrossWalk beacon (HAWK) should be installed at the intersection of Gage Avenue and Bissell Street as a countermeasure to improve pedestrian safety.





SCHEDULE AND SCHEDULE CONTROL

City of Huntington Park ATP Cycle 3 PA&ED Project Project Timeline Schedule

Project PA&ED Completion Date: January 29, 2021

Task	Description	Oct/Nov 2020		Nov/Dec 2020		Dec 2020 /Jan 2021		Jan/Feb 2021	
		10/26/20 - 11/22/20	11/23/20 - 12/20/20	12/21/20 - 1/17/21	1/18/21 - 2/14/21				
1	Conduct Field Reviews and Surveys	◆ 1	◆ 2						
2	Fill-out and Submit Caltrans Forms (Field Review, PES and PSR-Equivalent)		◆ 3	◆ 4	◆ 5	◆ 6			
3	Permitting and Regulations (CEQA/NEPA documents, Finance Letter and CTC Allocation Form)							◆ 7	
4	Meetings	◆			◆				◆

Completion Date: January 29, 2021

City Review Period 1 week

Caltrans Review and Approval Period - 6 weeks

Project Milestones

- ◆ 1 Notice to Proceed (assumed October 26, 2020)
- ◆ 2 Field Review/Investigation/Surveys Completion (November 13, 2020)
- ◆ 3 Submittal of Draft Field Review, PES and PSR-Equivalent (November 20)
- ◆ 4 City's Review and Signatures (November 27, 2020)
- ◆ 5 Submittal to Caltrans for Review and Approval (November 30, 2020)
- ◆ 6 PA&ED approval by Caltrans- 6 Weeks (January 8, 2021)
- ◆ 7 Submittal of CTC Allocation Request for PS&E (January 29, 2021)
- ◆ Meetings (Kickoff/Scoping - 10/26/20, Progress with Staff - 11/20/20, Final with Staff - 1/22/21)



Not-to-Exceed Fee Schedule
City of Huntington Park

Services to Provide PA&ED for CIP 2017-03 ATP Cycle III

9/16/2020

Task No.	TASK DESCRIPTION	INFRASTRUCTURE ENGINEERS TEAM						TOTAL FEE
		Project Manager	Engineering Design Lead	Engineering Assistant	Engineering Associate	Senior Environmental Specialist	Environmental Specialist	
	Name:	Nick Servin, PE	Steve Hilton	Branda Corona, EF	Shawn Mousavi, MS, PE	Albert Armijo	Chelsea Emilio, MS	
	Billing Rate:	\$154	\$154	\$110	\$131	\$144	\$110	
Huntington Park PA&ED Phase								
1	Conduct Field Review and Surveys	1	3	8	8			\$ 2,544
2	Fill out Caltrans LPM Chapter 7 Exhibit 7-B Field Review Form and Chapter 6 Exhibit 6-A Preliminary Environmental Study Form	1	7	4	4		16	\$ 3,956
3	Permitting and Regulations	1				8		\$ 1,306
4	Meetings	4			4			\$ 1,140
	TOTAL FOR DESIGN PHASE	7	10	12	16	8	16	\$ 8,946

ATTACHMENT B

City of Huntington Park

Proposal for:

Professional Project Approval and
Environmental Design (PA&ED)
Services for CIP 2017-03 ATP Cycle III

Project No. ATPL-5150(015)

CITY OF
HUNTINGTON PARK

September 16, 2020

Submitted by:

West & Associates Engineering, Inc.

WEST&ASSOCIATES
ENGINEERING, INC.



September 16, 2020

Cesar Roldan
Director of Public Works
City of Huntington Park
6550 Miles Avenue
Huntington Park, CA 90255

Subject: Professional Project Approval and Environmental Design (PA&ED) Services for CIP 2017-03 ATP Cycle III

Dear Mr. Roldan:

West & Associates is pleased to submit our Proposal for the Professional Project Approval and Environmental Design (PA&ED) Services for CIP 2017-03 ATP Cycle III for the City of Huntington Park.

We are a small firm (CA "S" Corp. - C3986570) with extensive streetscape experience which includes both street rehabilitation and street improvement projects. Overall, our team members have been involved with nearly one-hundred (100) public agency projects in their respective careers. A portion of these projects have been very similar to this particular project. For example, we have recently provided similar services for the City of Sierra Madre and the City of Rancho Santa Margarita. These projects are listed in Section 3 of this Proposal.

At this time, we understand that the project is in the "Project Initiation Phase" ("K" Phase) as defined by Chapter 5 of Volume I of Caltrans Standard Environmental Reference (SER). Further, we understand that the City has applied for Caltrans Active Transportation Program (ATP) funding for the crosswalk improvements at eight (8) streets that have uncontrolled crosswalks near schools. According to a letter sent by Caltrans to the City on July 3, 2020, we understand that the City has secured \$9,000 in State Funding for Construction of this Project. This current phase of the Project essentially seeks to "Scope" the design phase of the project.

I have read, understood, and agreed to all statements in this Request for Proposal and acknowledge receipt of all addendums/amendments as well as to the terms, conditions, and attachments referenced. This proposal is valid for a period of no less than one-hundred & twenty (120) calendar days from the date of this submittal. We also acknowledge that **no addendums** have been issued for this RFP.

Thank you for this project opportunity. Please contact me if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Phillip West".

Phillip West, P.E., QSD/QSP
Principal/President
West & Associates Engineering, Inc.
Office: (949) 716-7670
Cell: (714) 728-8082
philw@westaeng.com

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SECTION 10: COMPLIANCE WITH RFP AND CONTRACT AGREEMENT

**This Section includes resumes*

***Fee is provided in a separate envelope*

SECTION 2: CONSULTANT'S BACKGROUND

Company Background

West & Associates Engineering, Inc. or simply "West & Associates" was started in 2015 by Mr. Phillip West. We provide technical consulting services to clients throughout Southern California for a broad range of services, including planning, design, and construction. In particular, we **specialize** in the following types of work:



PIPELINES

Water Mains, Sewers, Storm Drains, etc.



FACILITIES

Wells, Pumping Stations, Lift Stations, Valve Vaults, Tanks, Reservoirs, Structures, etc.



GENERAL CIVIL

Streets & Streetscapes, Grading, Parks, Parking Lots, etc.



QSD/QSP SERVICES

Including preparation and inspection of SWPPPs, WQMPS, etc.

Services Listed Include ALL Major Phases of Work:

- Planning
- Design
- Construct. Management

Other Notable Services:

- Plan Check
- Staffing Augmentation
- Specialty Studies

Nearly all of the past experience by the West project team members has been with public agencies. As such, **our focus is on public clients**. Mr. West and the project team members have experience with nearly **sixty (60)** public agencies throughout Southern California. A good portion of these clients are repeat clients that the team members have worked with over the years. Clients that Mr. West and the project team members have worked with include **Cities (44), Water Agencies (14), County Agencies (2)**.

Our Project Team members have served clients all over Southern California, regardless of the distance. In fact, we have completed services for municipal agencies which are nearly **four (4) hours away from our office**. We are versatile and able to accommodate your needs!

SECTION 2: CONSULTANT’S BACKGROUND

Subconsultants

Sub-consultants will help provide technical input and obtain field data outside of the services of West & Associates and will add to the overall quality of services provided by our team. We also have experience working with other sub-consultants should there be any schedule backlog. A brief description of our sub-consultants is provided below:

Geotechnical (Pavement Coring) Services:

<u>Earth Systems, Inc.,</u> 2122 East Walnut Street Suite 200 Pasadena CA 91107 626.356.0955	Company Overview: Geotechnical services for Southern California clients. Earth Systems was started in 1969 and has been in business for over 50 years. They provide a complete range of Geotechnical Services all over Southern California. Their client list includes architects, engineers, private homeowners, commercial businesses, and of course public agencies. In total, they have worked with cities, counties, water districts, school districts, and private companies.
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Land Surveying:

<u>Chaudhary & Associates</u> 2675 Junipero Ave.# 600 Signal Hill, CA 90755 714.229.9247	Company Overview: Land Surveying services for California. Chaudhary & Associates Inc. is a disciplined team of experienced engineers, surveyors and inspectors dedicated to providing personalized services to a wide range of public and private clients. For over a third of a century, the professional staff has been providing services throughout California. They offer a complete range of modern cost-effective, civil engineering, land/high definition Surveying, and construction management services and solutions.
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SECTION 3: QUALIFICATIONS AND EXPERIENCE OF CONSULTANT'S PERSONNEL

Related Project Examples

We have experience with **nearly sixty (60) public agencies** in Southern California, including experience with the City of Alhambra Utilities Department. Most of this experience is past experience for Mr. West prior to the formation of West & Associates. The following experience includes past experience for Mr. West. A list of references with contact information is provided in **Section III** of this proposal.



CITY OF SIERRA MADRE

232 W. Sierra Madre Blvd. Sierra Madre CA 91024

Chris Cimino, Director of Public Works [626-355-7135](tel:626-355-7135)

ccimino@cityofsierramadre.com

West & Associates was recently involved with the City of Sierra Madre on the following project(s):

1. FY 2019-20 STREET REHABILITATION PROJECT

Recently provided engineering services for the City's FY 2019-20 Street Rehabilitation Project. The project involved pavement removal and replacement, grind and overlay, slurry seal, removal of trees, curb and gutter replacement, sidewalk replacement, sidewalk repair, driveway replacement, curb ramp replacement, restoration of pavement striping, and manhole adjustment on five separate streets in the City. The total length of the project was 10,000 feet.

2. CITY RECREATION CENTER PARKING LOT IMPROVEMENTS

Recently providing engineering services for the City's Recreation Center Parking Lot Improvements project. The project involved grind & overlay, removal of curb and gutter, removal of grass parkway, removal of existing trees, construction of new parking spaces and curb islands, construction of new sidewalk and curb ramps, replacement of driveways, and installation of new striping. The key project objective was to add additional parking spots and to re-direct existing parking flow towards the easterly driveway.



CITY OF RANCHO SANTA MARGARITA

22112 El Paseo, Rancho Santa Margarita CA 92688

Tri Nguyen, Principal Engineer [949-635-1813](tel:949-635-1813)

tnguyen@cityofrsm.org

West & Associates was recently involved with the City of Rancho Santa Margarita on the following project(s):

1. MELINDA ROAD MEDIAN EXTENSION PROJECT

Engineering services for the City's Melinda Road Median Extension Project. The project involves extension of an existing median in Melinda Road at Paseo Alegria near the 241 toll road. The existing median is a landscaped median with a stamped concrete median perimeter, and the new median will be stamped concrete only. The project involves removal of concrete curbs, stamped concrete, landscaping, striping, existing asphalt pavement, and traffic signs, construction of new concrete curbs, construction of new stamped concrete, installation of new asphalt pavement, grind and overlay of asphalt for smooth "feathered" transition for drainage, installation of new project signs and posts, curb painting, and restoration of pavement striping.

SECTION 3: QUALIFICATIONS AND EXPERIENCE OF CONSULTANT'S PERSONNEL



CITY OF BELLFLOWER
16600 Civic Center Drive Bellflower, CA 90706
Jerry Stock, City Engineer [\(562\) 804-1424](tel:5628041424)

Mr. West was involved on the following project(s):

1. REHABILITATION OF PALO VERDE AVENUE

Construction Management and Inspection Services for the Palo Verde Avenue Rehabilitation project. The project involved grind and overlay rehabilitation of Palo Verde Avenue from Artesia Blvd. to Arlington St. for a total of about 3,000 feet. Several curb ramps and traffic loops were replaced as a part of this project. Traffic signal work was also included. Due to the location of the project next to the border with the City of Lakewood, the project required coordination with City of Lakewood staff.

Total Related Experience

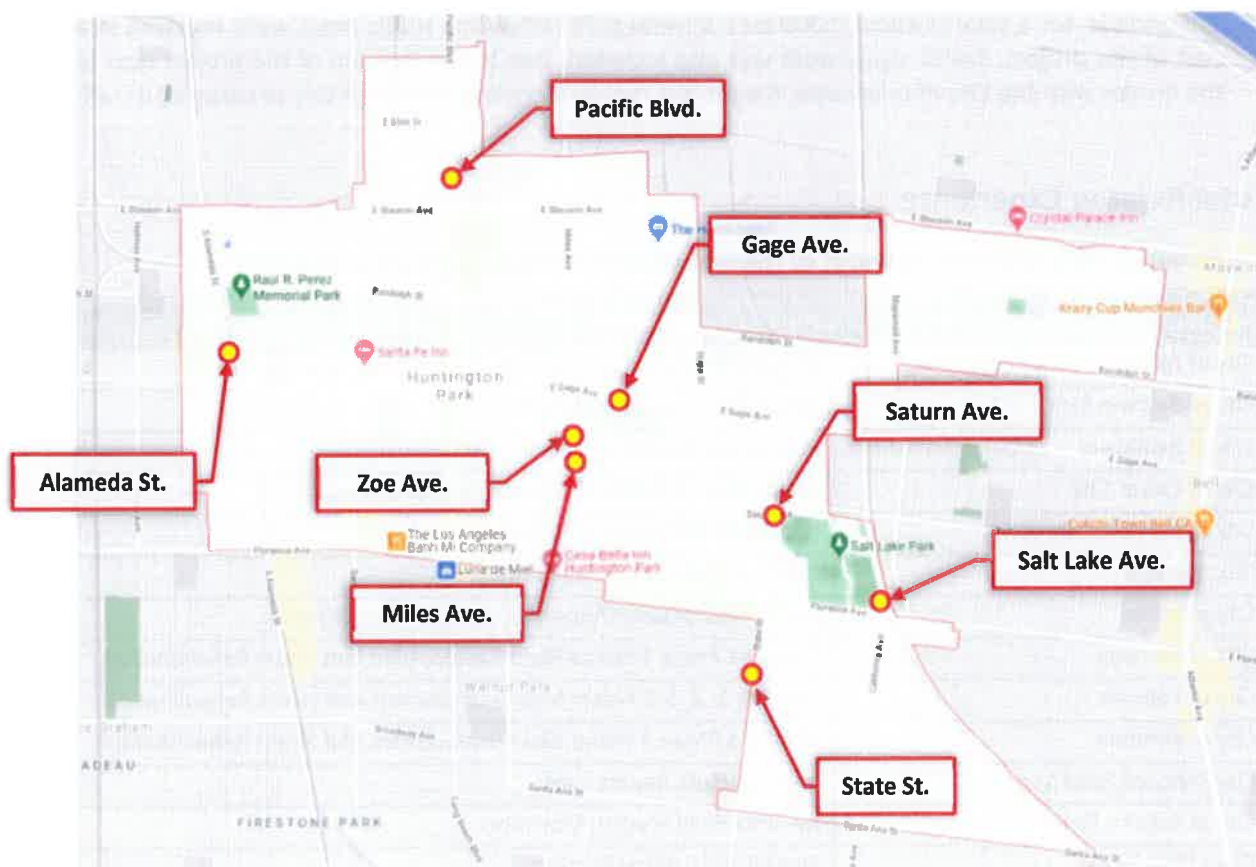
The following table provides a listing of all relevant projects for the project team members:

AGENCY	PROJECT NAME
City of Azusa	Gladstone Elementary Safe Routes to School Survey
City of Baldwin Park	Street Condition Assessment
City of Bellflower	Palo Verde Ave Rehabilitation
City of Culver City	Wash. Blvd. & Wash. Pl. Streetlight Improvements
City of Hawaiian Gardens	Fedde Middle School Safe Routes to School
City of Irvine	Barranca Parkway Rehabilitation
City of Irvine	Culver-Main/Culver-Alton Intersection Improvements
City of Pomona	District 4 Phase 1 Water Main Replacement and Street Rehabilitation
City of Pomona	Districts 1, 2, & 5 Water Main Replacement and Street Rehabilitation
City of Pomona	District 6 Phase 4 Water Main Replacement and Street Rehabilitation
City Rancho Palos Verdes	Infrastructure Report Card
City of Rancho Santa Margarita	Melinda Road Median Extension
City of San Dimas	Foothill Blvd. Rehabilitation
City of San Dimas	San Dimas Canyon Rehabilitation
City of Sierra Madre	FY 19-20 Street Rehabilitation
City of Sierra Madre	City Recreation Center Parking Lot Improvements
City of Simi Valley	Lost Canyons Drive Improvements
City of San Juan Capistrano	Forster Street Improvements
13 DIFFERENT CLIENTS SERVED	18 TOTAL RELATED PROJECTS

SECTION 4: PROJECT APPROACH

Project Understanding

In accordance with the RFP and as further clarified by the City, we understand that the City is seeking consulting engineering design services Project Approval & Environmental Design (PA&ED) phase in preparation for the solicitation of Plans, Specifications and Estimate (PS&E) from professionally licensed contractors. The City intends to install flashing beacons and update signage and pavement markings. The City intends to eliminate hazardous conditions while improving pedestrian safety. The project locations are as shown in the map below:



PROJECT SITE LOCATIONS (CROSSWALKS AT SCHOOLS)

From our research of the project sites (see following page), the project locations are off of the State Highway System. As such, we understand that the City must prepare a "PSR Equivalent." A PSR Equivalent consists of the first two pages of the following documents:

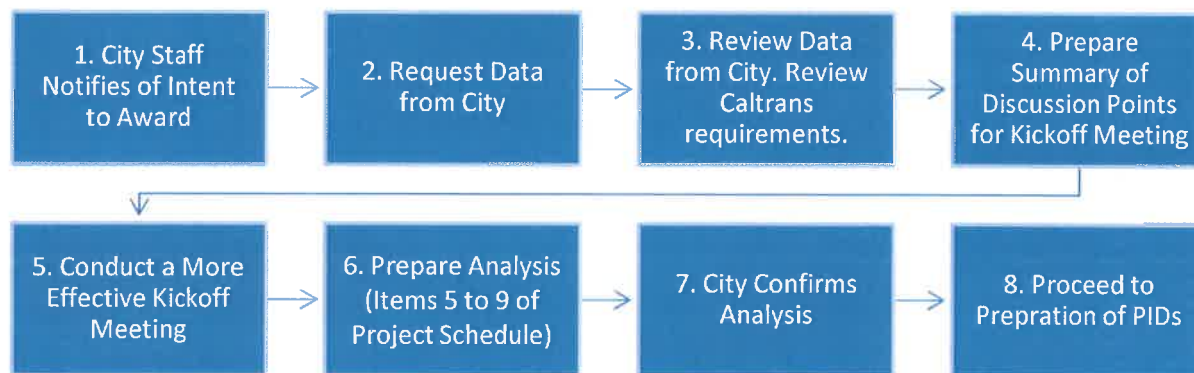
- Field Review Form (Exhibit 7-B)
- Preliminary Environmental Study (Exhibit 6-A)

This project essentially seeks to "Scope" the design phase of the Project.

SECTION 4: PROJECT APPROACH

Project Approach

To accomplish the Scope of Work, we intend to begin preliminary work on this project upon notice of contract award (instead of upon Notice to Proceed). Typically, this is about one to two weeks prior to the Kickoff Meeting. The preliminary work will include requesting data from the City in advance of the Kickoff Meeting and review of Caltrans requirements. This approach will result in a more productive Kickoff Meeting and a more accurate analysis of data. Most importantly, **an early start will save time**. Our approach is **illustrated below**.



Scope of Work

We acknowledge the tasks described in the RFP. Our proposed Scope of Work will **include the entirety of the Scope described in the RFP**. In order to provide the **best possible services** for your needs, we will consolidate the Scope into the following phases:

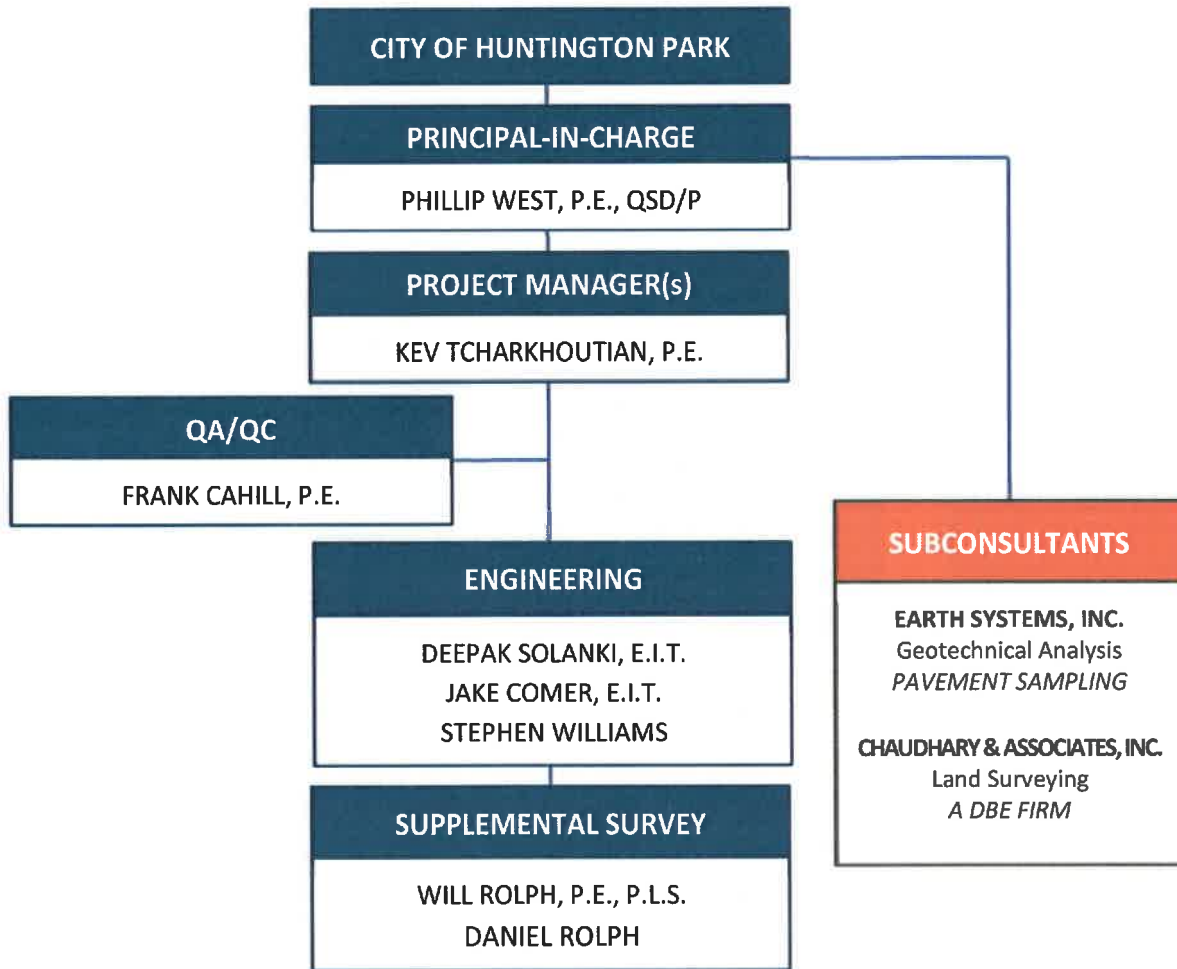
- Phase I – Due Diligence
- Phase II – Preliminary Engineering
- Phase III – Project Initiation Documents (PIDs)

The Schedule provided in Section 8 of this Proposal shows the sequence and duration of the Phases above.

SECTION 5: PROPOSED PERSONNEL

Organizational Chart

The project team will consist of the individuals below:



Resumes of the above individuals are provided later in this section.

Office Location and Contact Information

We are a small California "S" Corporation. Our office is located in Foothill Ranch (Lake Forest) in Orange County, California. Mr. Phillip West acts as the Principal/President of the firm.

WEST&ASSOCIATES
ENGINEERING INC.

www.westaeng.com

- Started in 2015
- California "S" Corporation (Fed I.D. No. 81-5259524)
- Contact: Phillip West, P.E., QSD/QSP
- Office: (949) 716-7670
- Cell: (714) 728-8082
- philw@westaeng.com

Phillip West, P.E., QSD/QSP
Project Manager**EDUCATION:**
California State University,
Long Beach
B.S. Civil Engineering**REGISTRATION:**
Registered Civil Engineer, California
No. 77453
Qualified SWPPP Developer (QSD)
Qualified SWPPP Practitioner (QSP)
Certificate No. 25034**OVERVIEW:**

As Principal/President at West & Associates, Mr. West also serves as a Project Manager for all projects. The entirety of Mr. West's career has been **solely focused on public clients**, and he has served **nearly sixty (60) public agency clients** throughout his career. His experience has been very diverse and involves planning, design, construction management, field surveying, and even staffing augmentation. Most importantly for this particular project, a good portion of Mr. West's background involves **street design and/or construction management**, including widening, medians, ADA Ramps, rehabilitation etc. A handful of these projects have involved **federal funding through Caltrans**.

RELATED PROJECT EXPERIENCE

Mr. West has been involved with the related projects described below. These projects are only a portion of Mr. West's overall experience:

CITY OF AZUSA

Surveying and mapping services for the City's Gladstone Elementary Safe Routes to School Project. The project involved topographic mapping, and the drafting of nearly 100 pavement cross sections. The base maps showed the grading and street ROW information. This project was federally funded through Caltrans.

CITY OF BALDWIN PARK

Conducted an assessment of all major streets throughout the City (i.e. non-residential streets). The assessment included field analysis of each street segment and preparation of a technical report. The technical report provided a description of the existing pavement conditions and recommendations on the course of action to repair the pavement conditions. This project also involved Caltrans coordination for funding purposes.

CITY OF BELLFLOWER

Construction Management services for the City's Rehabilitation of Palo Verde Avenue Project. The project involved grind and overlay, removal and replacement, curb and gutter work, ADA curb ramps, striping, and traffic signal modifications. This project also involved Caltrans coordination for funding purposes.

CITY OF CULVER CITY

Design services for the City's Washington Blvd. and Washington Pl. streetlight improvements project. The project involved new streetlights in the City's two main thoroughfares as well as some sidewalk, curb, gutter, street, and ramp work. Project involved nearly 6,000 feet of street.

CITY OF HAWAIIAN GARDENS

Design services for the City's Fedde Middle School Safe Routes to School Project. The project involved pavement rehabilitation, ADA curb ramps, a speed hump, striping, and signal pole and conduit work.

CITY OF IRVINE

Assisted with engineering services for the City's Barranca Parkway Pavement Restoration Project. The project involved rehabilitation of 10,000 ft. of Barranca Parkway, including grind & overlay, new driveway ramps near the Broadcom building, re-grading of certain portions of street, striping, landscaping adjustments, and adjustment of pedestrian curb ramps.

Engineering services for the City's Culver-Alton & Culver-Main Intersection Improvements project. The project involved re-configuring of a landscaped median, re-grading of a street intersection, re-configuring of turn pocket islands, striping, landscaping adjustments, and adjustment of pedestrian curb ramps.

MESA WATER DISTRICT

Part-time, on-site staff assistance on a contract-basis for Development Projects. The assignment lasted approximately one year and involved coordination with the City of Costa Mesa's staff and Developers, Plan Review, Permit Fee Calculations, Outside Agency Coordination, Staff Report Preparation, assistance in the evaluation of well repairs and a presentation to the City's Board of Directors, and other miscellaneous tasks. The assignment also involved review of the District's Standard Specs and Drawings, as well as input for the improvements.

CITY OF MORENO VALLEY

Full-time, on-site staff assistance for Capital Improvement Projects (CIP). The assignment was brief and lasted just over one month's time and involved coordination with City Engineers, Plan Review, Outside Agency Coordination, Preparation of Plans, and other miscellaneous tasks.

CITY OF RANCHOS PALOS VERDES

Engineering services for the preparation of an Infrastructure Report Card. The Infrastructure Report Card evaluated the City's infrastructure, including the City's streets. The Report Card provided an assessment of existing street infrastructure conditions, recommendations on rehabilitation or replacement needs, a cost estimate for infrastructure improvements of one letter grade, and the costs to improve infrastructure from the current assigned grade all the way to an "A" grade. The project also involved field site visits, presentations to City staff, and a final presentation to the City Council. The City's street's received an "A" grade.

CITY OF RANCHO SANTA MARGARITA

Engineering services for the City's Melinda Road Median Extension Project. The project involved the extension of an existing curbed median in Melinda Road just north of the 241 toll road.

CITY OF SIERRA MADRE

Provided design services for the City's FY 2019-20 Street Rehabilitation Project. The project involved grind & overlay, removal and replacement, slurry seal, curb and gutter replacement, sidewalk restoration, striping, and manhole adjustment over roughly 10,000 feet of City streets. This project received Caltrans funding.

CITY OF SAN DIMAS

Design services for the City's Foothill Blvd Rehabilitation Project. The project involved grind & overlay, removal and replacement, curb and gutter replacement, sidewalk restoration, landscaped median adjustment, re-grading of some portions of street, striping, and traffic loop adjustment.

Design services for the San Dimas Canyon Road Rehabilitation Project. The project involved grind & overlay, removal and replacement, curb and gutter replacement, sidewalk restoration, replacement of curb ramps, landscaped median adjustment, re-grading of some portions of street, striping, and traffic loop adjustment.

CITY OF SAN JUAN CAPISTRANO

Design services for the City's Forster Street Improvements Project. The project involved the construction of new curb, gutter, sidewalk, curb ramps, and the removal and replacement of street sections, including the re-grading of some sections.

Frank Cahill, P.E.
Quality Assurance/Control

EDUCATION:

University College Dublin,
 Ireland
 B.Eng. Civil Engineering

REGISTRATION:

Registered Civil Engineer, California
 No. 55373

OVERVIEW:

Mr. Cahill has about **twenty-five years** of experience in California with civil engineering management, design and construction for site development, and **municipal projects** in the **water/wastewater** industry. He will be providing quality review of plans prior to submittal to the City.

RELATED PROJECT EXPERIENCE

Mr. Cahill has been involved with the related projects described below and on the following page. These projects are only a small portion of Mr. Cahill's overall experience:

EAST ORANGE COUNTY WATER DISTRICT

Mr. Cahill acted as the District Engineer for East Orange County Water District from 2017 to 2018, for a period of nearly two years. District Engineer duties included oversight of current projects, planning and budgeting of proposed projects, direction of staff and resources. During his tenure, Mr. Cahill oversaw the implementation of the District's Master Plan Update.

IRVINE RANCH WATER DISTRICT

Project Manager & QA/QC services for the Culver Drive Recycled Water Main Replacement project. The project involved replacement of approximately 1,200 feet of existing recycled water main with a new 12-inch PVC recycled water main, along with new recycled service laterals, air-vacs and a blow-off, and abandonment of existing facilities. The project also involved a complex connection in a busy intersection that required traffic control and the installation of a large 8-inch meter vault to an existing golf course.

MOULTON NIGUEL WATER DISTRICT

Project Manager for the Wood Canyon Domestic Water Booster Pump Station which included four 150 HP pumps, suction and discharge piping and valves, LPG standby generator, electrical system and controls, masonry building, grading and miscellaneous site work. Also provided construction management and inspection services.

CITY OF SIMI VALLEY

Prepared a Water Master Plan for a proposed development in the City. The proposed development included roughly 200 homes, new golf courses, a clubhouse, and club member suites. The master plan included nearly 5 miles of new mains, a booster station, a new reservoir, and revitalization of an existing reservoir.

Quality Assurance/Control services for the design of about 30,000 feet of new streets for a proposed housing development in the City. The street improvements included new street design, curb and gutter, parking pop-outs, and parking lots for a clubhouse at a private golf course. The project also included street rehabilitation work. Mr. Cahill overlooked the design of over 22,000 feet of water mains and over 3,000 feet of sewer improvements within the project vicinity.

UNIVERSAL STUDIOS

Prepared Domestic and Fire Water Master Plans as a Universal Studios Project Engineer. Recommended modifications to enhance the performance of the existing systems.

Key Tcharkhoutian, P.E.
Project/Construction Manager
Inspector**EDUCATION:**
California State University,
Long Beach
B.S. Civil Engineering, 1980**REGISTRATION:**
Registered Civil Engineer, California
No. 44598**OVERVIEW:**

Mr. Tcharkhoutian has over 40 years-experience in municipal civil engineering design and construction. He has served as City Engineer or Public Works Director for several agencies throughout Southern California. Mr. Tcharkhoutian has overseen a wide variety of projects including water, sewer, storm drain, streets, parks, and grading.

RELATED PROJECT EXPERIENCE (CITY ENGINEER OR PUBLIC WORKS DIRECTOR)

Mr. Tcharkhoutian has served as City Engineer or Public Works Director for the following agencies:

- City of Sierra Madre
- City of El Monte
- City of South El Monte
- City of Baldwin Park

RELATED PROJECT EXPERIENCE (OTHER AGENCY EXPERIENCE)

Mr. Tcharkhoutian has served as Principal, Senior, or Associate Engineer for the following agencies:

- City of Montebello
- City of Duarte
- City of Vernon
- City of Wildomar
- City of Colton
- City of South Gate
- City of Maywood
- City of Monrovia
- City of Ontario
- University of Southern California

RECENT PROJECT EXPERIENCE

Mr. Tcharkhoutian has recently provided Inspection Services for the following projects:

CITY OF SIERRA MADRE

Inspection services for the City's FY 2019-20 Street Improvements Project. The project involved the rehabilitation of over 10,000 feet of City streets, including full-depth replacement, grind and overlay, slurry seal, replacement of curb, gutter, sidewalk, and curb ramps.

Inspection services for the City's Sierra Vista Park Improvements Project. The project involved the expansion and rehabilitation of the existing parking lot, including the addition of new parking spaces, pavement grinding and overlay, construction of new curb islands, construction of new curb ramps, removal and replacement of driveways, and the re-arrangement of the direction of the parking spaces to provide for better traffic flow in the parking lot.

Jake Comer, E.I.T.
Civil Engineer**EDUCATION:**
California State University,
Long Beach
B.S. Civil Engineering**REGISTRATION:**
Engineer-In-Training, CA (No. 18-460-16)
Licensed Engineer, CA (In Progress)**OVERVIEW:**

Mr. Comer serves as an engineer for various projects, including water, sewer, and storm drain projects. Mr. Comer has experience in hydrologic and hydraulic analyses, engineering design work with both AutoCAD and MicroStation, field data collection, and GIS analyses. **The majority of Mr. Comer's experience has been with public agencies.**

RELATED PROJECT EXPERIENCE

Mr. Comer has been involved with the related projects described below and on the following page. These projects are only a portion of Mr. Comer's overall experience:

USACE LOS ANGELES DISTRICT

Work included field investigations of several Maricopa and Mohave County Flood Control sites, analysis of flood conditions, and the design of new and rehabbed channels. Several areas within the project vicinity were at risk from large storm events and this project set out to rehabilitate existing facilities and to create new protection. Jake developed unit hydrographs and flood profiles within the risk areas. The information was then incorporated with AutoCAD Civil 3D software to generate plans. Coordination with the County officials and surveying contractors was also undertaken to efficiently and effectively provide a product to the client. Once constructed, flooding in these areas will be under control.

Assisted with design and drawing of plans for the Rio De Flag Channel using MicroStation and provided corresponding QA/QC. He assisted in hydrologic analyses and hydraulic modeling to develop unit hydrographs. Development of plans for the new culvert channel has helped to mitigate flood damages for civilians and businesses within the city of Flagstaff, Arizona.

DELAWARE COUNTY SOIL AND WATER CONSERVATION DISTRICT, DELAWARE COUNTY, NEW YORK

Evaluated flood risks along Bull Run stream and aided with the design of bank stabilization. Used AutoCAD Civil 3D to create a proposed plan set and coordinated with geotechnical engineers to mitigate flood risk along the stream and design proper drainage along the hill backing the stream. A house located near the Bull Run stream was protected due to the incorporation of the design.

ORANGE COUNTY PUBLIC WORKS DEPARTMENT (OCPW)

Performed an investigation of the existing levee conditions along the E01 levee system and compiled information regarding pump stations and tributaries within the project vicinity. Jake implemented GIS mapping and information to perform hydraulic modeling with HEC-RAS, as well as an analysis of the interior drainage. He wrote several technical reports on these levees that were submitted to the OCPW. The project allowed for insight into future large storm events and the conditions of the levees during such events. OCPW was able to determine where areas of their levees need rehabilitation and which residents were in flood risk areas.

SARDINERA REAL ESTATE LLC, FAJARDO, PUERTO RICO

Assisted with the design of a proposed breakwater along the Puerto Chico Marina, which included the development of a grading plan, performing cost estimation, and coordination of USACE permitting requirements. Field studies were conducted across the island. Implementation of the design will remedy the Puerto Chico breakwater that was damaged during Hurricane Maria. The proposed breakwater will protect the marina from future hurricanes and allow for easier maintenance than the existing

breakwater. Jake coordinated with the USACE and Puerto Chico Marina to ensure all permits and specifications were adhered to.

VENTURA COUNTY WATERSHED PROTECTION DISTRICT (VCWPD)

Responsible for developing watershed boundaries near the Ventura River 1 (VR-1) Levee System using LiDAR information and then input the information into GIS to develop flow paths. The flow paths were then used to calculate the time of concentration, generate basin hydrographs, and build the 1-D hydraulic model in XPSWMM. The model was run over a series of design flows for stream power calculations. Jake collaborated on the development of a technical memorandum summarizing the findings of the study and was later submitted to Ventura County officials.

IRVINE RANCH WATER DISTRICT (IRWD)

Jake served as an Engineering Intern for one year. Duties included engineering analysis, CAD design, site inspections, preparation of specifications, and preparation of cost estimates. During his internship with IRWD Mr. Comer worked with the Engineering and Planning Department, Development Services, and Operation Center. He also worked on various sites including the Michelson Water Recycling Plant, Baker Water Treatment Plant, San Joaquin Reservoir, and the Biosolids and Energy Recovery Facility Construction site.

KINNELOA IRRIGATION DISTRICT

Assisted with the East-West Tank Connector Pipeline consisting of about 3,800 ft. of pipeline. The project also involves coordination with LA County Flood Control District for permitting related to several storm drain facilities, including RCP, box culverts, and open channels.

LONG BEACH WATER DEPARTMENT (LBWD)

Assisted with Construction Management and Inspection services for the Chemical Tank Replacement-Phase I project. The project replaced two sodium hydroxide tanks and one ammonia tank at LBWD's Groundwater Treatment Plant.

Assisted with Construction Management and Inspection services for the Alamitos Reservoir Site Electrical Upgrades Project. The project involved electrical improvements all throughout LBWD's 23-reservoirs, including large duct banks and new power outlets, to assist in the transfer (pumping) of water from one tank to another.

CITY OF MANHATTAN BEACH

Assisted with the FY 2014-2016 Storm Drain Improvement Project. The project involved the review of record information, including CCTV video and as-built records, preparation of a preliminary design report, and preparation of improvement plans for just under \$1 million. All of which were in accordance with the Capital Improvement Projects (CIP) budget.

ROSE HILLS MEMORIAL PARK

Assisted with design records for the recycled water retrofit for 600 acres of Rose Hills Memorial Park and Cemetery. The design included approximately 4,400 feet of pipeline and modifications to the four (4) on-site wells and four (4) reservoirs.

CITY OF ARCADIA

Engineering services for the Orange Grove Pump Station Disinfection Upgrades. The project included various piping and chlorination upgrades at the City's pump station/reservoir facility.

Stephen Williams
Assistant Engineer**EDUCATION:**
Penn State University,
B.S. Business (Organizational Leadership)**OVERVIEW:**

Mr. Williams provides Engineering, Drafting, Surveying, and QA/QC assistance for West & Associates Projects. Prior to his experience in the water/wastewater industry, Mr. Williams had worked in the manufacturing industry for about 10 years, wherein he supervised a team. His skills with the finer details add to the precision of work for the project team. To date, Mr. Williams has experience on the design of over **30,000 feet of water and sewer mains** for four (4) public agencies.

PROJECT EXPERIENCE

Mr. Williams has been involved with the related projects described below:

CITY OF ALHAMBRA

Engineering services for the Winchester Avenue and Winthrop Drive Water Main Replacement project. The project involved replacing distribution mains and a transmission main along with new service laterals, hydrants, air-vacs and blow-offs, connections to existing mains, and abandonment of existing facilities. The total length of the project was approximately 10,000 feet.

GOLDEN STATE WATER COMPANY

Project assistant services for GSWC's Lawndale Area Water Main Replacements – Hawthorne Blvd Project, including review of plans and minor adjustments to Design of Plans per Caltrans' comments.

CITY OF SIMI VALLEY

Assistant engineering services for the design of about 30,000 feet of new streets for a proposed housing development in the City. The street improvements included new street design, curb and gutter, parking pop-outs, and parking lots for a clubhouse at a private golf course. The project also included street rehabilitation work. Mr. Cahill overlooked the design of over 22,000 feet of water mains and over 3,000 feet of sewer improvements within the project vicinity.

CITY OF SIERRA MADRE

Land surveying services for the City's FY 2019-20 Street Rehabilitation Project. The project involved grind and overlay, removal and replacement, slurry seal, curb and gutter replacement, sidewalk restoration, striping, and manhole adjustment over roughly 10,000 feet of City streets. This project received Caltrans funding.

Assisted in providing engineering services for the City's Recreation Center Parking Lot Improvements Project. The project involved grind and overlay, removal of curb and gutter, removal of grass parkway, removal of existing trees, construction of new parking spaces and curb islands, construction of new sidewalk and curb ramps, replacement of driveways, and installation of new striping.

CITY OF RANCHO SANTA MARGARITA

Assisted in providing engineering services for the City's Melinda Road Median Extension Project. The project involved the extension of an existing median in Melinda Road at Paseo Alegria near the 241 toll road. The project involved removal of concrete curbs, stamped concrete, landscaping, striping, existing asphalt pavement, and traffic signs. The project also involved the construction of new concrete curbs, new stamped concrete, installation of new asphalt pavement, grind and overlay of asphalt for smooth "feathered" transition for drainage, installation of new project signs and posts, curb painting, and restoration of pavement striping.

**Will Rolph, P.E., P.L.S., QSD/P
Surveyor****EDUCATION:**
California State University,
Long Beach
B.S. Civil Engineering**REGISTRATION:**
Licensed Civil Engineer, CA. No. 76698
Licensed Surveyor, CA 9381
Qualified SWPPP Developer (QSD)
Qualified SWPPP Practitioner (QSP)
Certificate No. 00812**OVERVIEW:**

Mr. Rolph has over fifteen (15) years of engineering and land surveying experience. Mr. Rolph assists Mr. West with a portion of West & Associates' projects. As a surveyor, Mr. Rolph's primary focus is large residential and commercial developments, but he also has experience working with local municipalities. Mr. Rolph's engineering background involves a strong component of water and sewer utility design.

PROJECT EXPERIENCE

Mr. Rolph has worked with Mr. West on the following projects described below. These projects represent just a small portion of Mr. Rolph's experience:

CITY OF ALHAMBRA

Land surveying & mapping services for the Winchester Avenue and Winthrop Drive Water Main Replacement project. The project involved replacing distribution mains and a transmission main along with new service laterals, hydrants, air-vacs and blow-offs, connections to existing mains, and abandonment of existing facilities. The total length of the project was approximately 10,000 feet. Finally, the project also involved street rehabilitation.

Land surveying & mapping services for the Chapel Avenue Sewer Main Replacement project. The project involved replacing an existing 8-inch sewer main with a 12-inch sewer main, including manhole rehabilitation, connections to existing sewer service laterals, and street rehabilitation. The work also included a Preliminary Design Report (PDR) which evaluated design alternatives and calculated sewer flows and capacity of the existing and new main. Finally, the project also involved street rehabilitation.

CITY OF CHINO

Oversight of surveying & mapping services for the Baker Avenue Water Main Replacement project. The project involved replacing a distribution main along with new service laterals, hydrants, air-vacs and blow-offs, connections to existing mains, and abandonment of existing facilities. The total length of the project was approximately 700 feet.

CITY OF CHINO HILLS

Oversight of surveying & mapping services for the Maroon Bell – Winchester Water Main Replacement project. The project involved replacing distribution mains along with new service laterals, hydrants, air-vacs and blow-offs, connections to existing mains, and abandonment of existing facilities. The project also involved street rehabilitation. The total length of the project was approximately 3,500 feet.

CITY OF RANCHO SANTA MARGARITA

Oversight of surveying & mapping services for the City's Melinda Road Median Extension Project. The project involved the extension of an existing curbed median in Melinda Road north of the 241-toll road.

CITY OF SIERRA MADRE

Oversight of surveying & mapping services for the City's FY 2019-20 Street Improvements Project. The project involved the rehabilitation of over 10,000 feet of City streets, including full-depth replacement, grind and overlay, slurry seal, replacement of curb, gutter, sidewalk, and curb ramps.

**Daniel Rolph,
Surveyor/CAD Designer****EDUCATION:**
B.S., Architecture,
San Diego School of
Architecture**REGISTRATION:**
Licensed Surveyor, CA (In Progress)**OVERVIEW:**

Mr. Rolph practices as a surveyor and CAD designer in the State of California. He has experience in land surveying in over a dozen cities throughout California, many of which have involved coordination with public agencies, including City and Water District Staff and California State agencies, such as Caltrans. **Thus, Mr. Rolph is familiar with the needs of public agencies.**

PROJECT EXPERIENCE

Mr. Rolph has over five (5) years of land surveying and CAD experience. Mr. Rolph has worked with Mr. West on the following projects described below. Most of Mr. Rolph's experience has been with other firms. As such, these projects represent just a small portion of Mr. Rolph's experience:

CITY OF ALHAMBRA

Land surveying & CAD Design services for the Winchester Avenue and Winthrop Drive Water Main Replacement project. The project involved replacing distribution mains and a transmission main along with new service laterals, hydrants, air-vacs and blow-offs, connections to existing mains, and abandonment of existing facilities. The total length of the project was approximately 10,000 feet. Finally, the project also involved street rehabilitation.

Land surveying & CAD Design services for the Chapel Avenue Sewer Main Replacement project. The project involved replacing an existing 8-inch sewer main with a 12-inch sewer main, including manhole rehabilitation, connections to existing sewer service laterals, and street rehabilitation. The work also included a Preliminary Design Report (PDR) which evaluated design alternatives and calculated sewer flows and capacity of the existing and new main. Finally, the project also involved street rehabilitation.

CITY OF CHINO

Land surveying services for the Baker Avenue Water Main Replacement project. The project involved replacing a distribution main along with new service laterals, hydrants, air-vacs and blow-offs, connections to existing mains, and abandonment of existing facilities. The total length of the project was approximately 700 feet.

CITY OF CHINO HILLS

Land surveying services for the Maroon Bell – Winchester Water Main Replacement project. The project involved replacing distribution mains along with new service laterals, hydrants, air-vacs and blow-offs, connections to existing mains, and abandonment of existing facilities. The project also involved street rehabilitation. The total length of the project was approximately 3,500 feet.

CITY OF RANCHO SANTA MARGARITA

Land surveying services for the City's Melinda Road Median Extension Project. The project involved the extension of an existing curbed median in Melinda Road just north of the 241 toll road.

CITY OF SIERRA MADRE

Land surveying & CAD Design services for the City's FY 2019-20 Street Improvements Project. The project involved the rehabilitation of over 10,000 feet of City streets, including full-depth replacement, grind and overlay, slurry seal, replacement of curb, gutter, sidewalk, and curb ramps.

SECTION 6: QUALITY ASSURANCE/QUALITY CONTROL

Quality Assurance/Control of Procedures

The following are quality control methods that we will plan on implementing for this project:

Direct Project Management

The project manager, Mr. Phillip West, will be directly involved on this project. Instead of periodic reviews and dictations to engineering staff, he will work alongside engineering staff to ensure the work is done properly. All staff members have access to the same files and can edit as the needs arise without things being “lost-in-translation”. This drastically reduces errors during the work process.

Maintain regular communication

We will strive to address all issues the first time, so that the issues do not have to be re-addressed down the road, thus saving time and money. To accomplish this, we will apply the following procedures:

- Important information will be made in writing via email in order to be accessible by all parties throughout the duration of the project.
- Strive for a high level of responsiveness and timeliness with all email and telephone communication. Typically, we respond to all phone calls or emails within a few hours or less. This reduces re-work if communication corrects a design issue that would have otherwise been resolved improperly.

Quality Assurance/Control of Products

All work will go through a QA/QC process before submittal to the client. We strive to have all projects reviewed by an experienced individual not directly involved in the project, although general familiarity with the project and the client is desirable. During the QA/QC process, Adobe PDF software is utilized to review documents as opposed to printing hard copies. This is not done to be “green”, but rather to **save time and to keep records of our quality control**. This is also important if any quarantines persist during this project. The review of the construction documents shall focus on three key areas including: 1) quality of drafting, 2) quality of design, and 3) constructability.

SECTION 7: REFERENCES

References

The following are key references for this proposal:



CITY OF ALHAMBRA

900 New Avenue, Alhambra, CA 91801
Thomas Amare, Engineer [626-300-1562](tel:626-300-1562)
tamare@cityofalhambra.org



CITY OF CHINO

13220 Central Avenue, Chino, CA 917110
Eduardo Diaz, Engineer [\(909\) 334-3534](tel:909-334-3534)
ediaz@cityofchino.org



CITY OF SIERRA MADRE

232 W. Sierra Madre Blvd. Sierra Madre CA 91024
Chris Cimino, Director of Public Works [626-355-7135](tel:626-355-7135)
ccimino@cityofsierramadre.com



RCE CONSULTANTS

24422 Avenida De La Carlota Laguna Hills, CA 92653
Brandon Willnecker (Former Project Manager) [\(714\) 655-0007](tel:714-655-0007)
brandonwpe@icloud.com

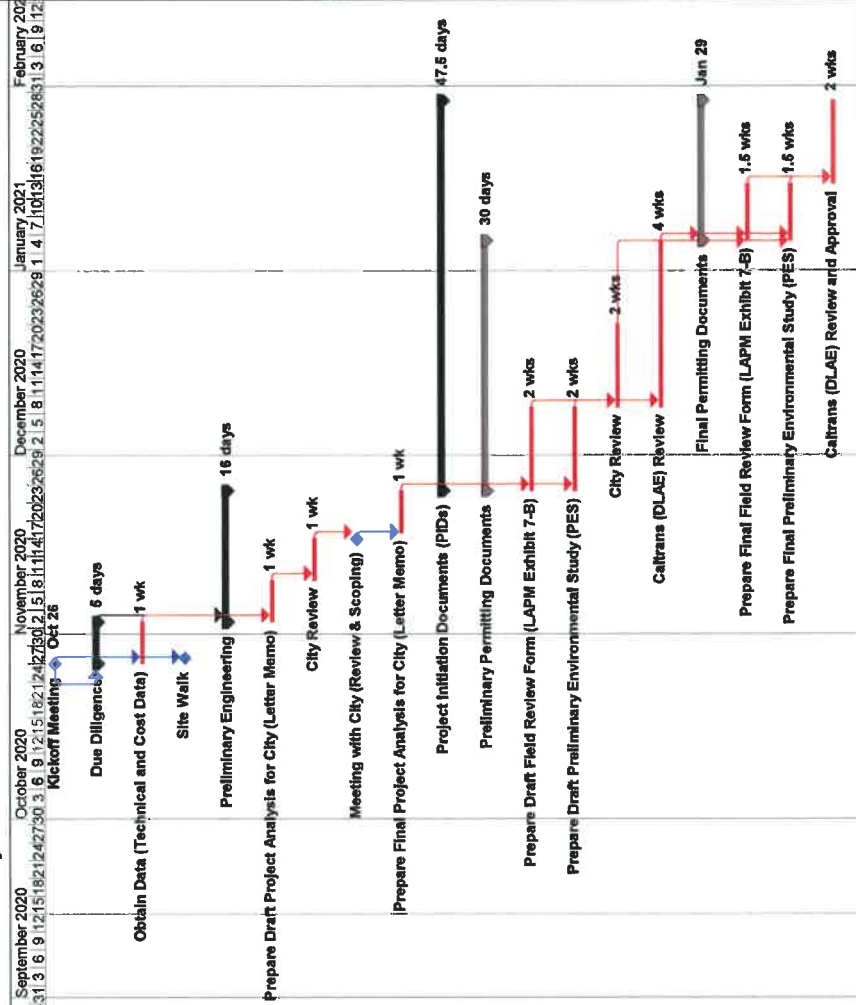


LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

27307 State Hwy. 189, Blue Jay, CA 92317
Aida Hercules-Dodaro, District Engineer [\(909\) 336-7100](tel:909-336-7100)
ahercules@lakearrowheadcsd.com

**City of Huntington Park
Professional Project Approval and Environmental Design (PA&ED) Services for
CIP 2017-03 ATP Cycle III**

ID	Task Name	Duration	Start	Finish
1	Kickoff Meeting	1 day	Mon 10/26/20	Mon 10/26/20
2	Due Diligence	5 days	Tue 10/27/20	Mon 11/2/20
3	Obtain Data (Technical and Cost Data)	1 wk	Tue 10/27/20	Mon 11/2/20
4	Site Walk	1 day	Wed 10/28/20	Wed 10/28/20
5	Preliminary Engineering	16 days	Tue 11/3/20	Tue 11/24/20
6	Prepare Draft Project Analysis for City (Letter Memo)	1 wk	Tue 11/3/20	Mon 11/9/20
7	City Review	1 wk	Tue 11/10/20	Mon 11/16/20
8	Meeting with City (Review & Scoping)	1 day	Tue 11/17/20	Tue 11/17/20
9	Prepare Final Project Analysis for City (Letter Memo)	1 wk	Wed 11/18/20	Tue 11/24/20
10	Project Initiation Documents (PIDs)	47.5 days	Wed 11/25/20	Fri 1/29/21
11	Preliminary Permitting Documents	30 days	Wed 11/25/20	Tue 1/5/21
12	Prepare Draft Field Review Form (LAPM Exhibit 7-B)	2 wks	Wed 11/25/20	Tue 12/8/20
13	Prepare Draft Preliminary Environmental Study (PES)	2 wks	Wed 11/25/20	Tue 12/8/20
14	City Review	2 wks	Wed 12/9/20	Tue 12/22/20
15	Caltrans (DLAE) Review	4 wks	Wed 12/9/20	Tue 1/5/21
16	Final Permitting Documents	17.5 days	Wed 1/5/21	Fri 1/29/21
17	Prepare Final Field Review Form (LAPM Exhibit 7-B)	1.5 wks	Wed 1/5/21	Fri 1/15/21
18	Prepare Final Preliminary Environmental Study (PES)	1.5 wks	Wed 1/5/21	Fri 1/15/21
19	Caltrans (DLAE) Review and Approval	2 wks	Fri 1/15/21	Fri 1/29/21



SECTION 8: SCHEDULE

Project Schedule

We have included our project schedule on the following page in MS Project format. The schedule is based on a start date (Kickoff Meeting) of October 26, 2020 in accordance with the Notice to Proceed date as shown on Page 9 of the RFP ("Important Dates"). The schedule shows Caltrans approval of the PA&ED by January 29, 2021 as stated in the RFP.

SECTION 10: COMPLIANCE WITH RFP AND CONTRACT AGREEMENT

Statement(s)

At this time, we have no objections to the terms or conditions of the RFP or to the City's standard agreement for professional services. Our insurance coverage meets or exceeds the minimum insurance requirements outlined in the City's agreement for professional services. A sample copy of our insurance certificate is shown below.

ACORD		CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY)		
				1/23/2020		
<p>THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.</p> <p>IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).</p>						
PRODUCER IOA Insurance Services 130 Vantis, Suite 250 Aliso Viejo, CA 92656 www.ioausp.com		CONTACT NAME: (AVC) Stephanie Belen PHONE: (949) 297-5962 FAX: (A/C, No): E-MAIL: stephanie.belen@ioausa.com ADDRESS: INSURER(S) AFFORDING COVERAGE		NAIC # 13056 31194		
INSURED West & Associates Engineering, Inc. 78 Anacapa Court Foothill Ranch CA 92610-2436		CA License #0E67768				
COVERAGES CERTIFICATE NUMBER: 53744426 REVISION NUMBER:						
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
INSR LTR	TYPE OF INSURANCE	ADDL SUBR (IND) / WVR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Primary/Non-Contributory <input checked="" type="checkbox"/> Waiver of Subrogation GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:	<input checked="" type="checkbox"/>	PSB0006154 Scheduled Al Endt #PPB3130212 Professional Services performed by the Insured are Excluded	9/19/2019	9/19/2020	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000
A	<input type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	<input checked="" type="checkbox"/>	PSB0006154 Included in General Liability	9/19/2019	9/19/2020	COMBINED SINGLE LIMIT (Ea accident) \$2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$	<input checked="" type="checkbox"/>	PSE0002695 Excludes Professional Liability	9/19/2019	9/19/2020	EACH OCCURRENCE \$1,000,000 AGGREGATE \$1,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y N/A	PSW0004148 Waiver of Subrogation Endt #WC0403060484	9/19/2019	9/19/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
B	Professional Liability Claims-Made		106587562	9/19/2019	9/19/2020	\$2,000,000 Each Claim \$2,000,000 Aggregate
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)						
Certificate Holder is an Additional Insured with respect to General Liability (GL), but only when required by written contract with the Insured prior to an occurrence as per Endorsement noted above. GL includes Separation of Insureds and Contractual Liability per limitations in the Business Owners' Coverage form. A Workers' Compensation Waiver of Subrogation as noted above is included for the person or organization named in the Schedule that are parties to a contract requiring this Endorsement, provided that contract is executed before the loss. Coverage is subject to all policy terms, conditions, limitations and exclusions. 30 Day Notice of Cancellation/10 Days for Non-Payment in accordance with policy provisions.						
CERTIFICATE HOLDER FP No. #20197003-PW-WA205 Baker Avenue Water Main Replacement Design Services City of Chino, its elected or appointed officers, officials and employees 13220 Central Avenue Chino CA 91710				CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE (AVC) Alicia K. Igram <i>Alicia K. Igram</i>		

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FEE PROPOSAL

Detailed Fee Estimate

Task No.	ITEM	PM	ENG	CAD	SRVY	QA/QC	SEC	TOTAL	
		\$150	\$130	\$102	\$240	\$130	\$72	HRS.	\$
NON-OPTIONAL WORK LISTED IN RFP									
Pt. 1 - DUE DILIGENCE									
1	Kickoff Meeting Including Prepration of Agenda & Minutes	4	4				2	10	\$1,264
2	Data Collection, Review	8	16					24	\$3,280
3	Site Visit (1)	4	4					8	\$1,120
Subtotal		16	24	0	0	0	2	42	\$5,664
Pt. 2 - PRELIMINARY ENGINEERING									
1	Prepare Draft Project Analysis for City (Letter Memo)	8	16			8	4	36	\$4,608
2	Meeting with City (Review & Scoping)	4	4				2	10	\$1,264
3	Prepare Final Project Analysis for City (Letter Memo)	4	12			6	2	24	\$3,084
Subtotal		16	32	0	0	14	8	70	\$8,956
Pt. 3 - PROJECT INITIATION DOCUMENTS									
1	Prepare Draft Field Review Form (LAPM Exhibit 7-B)	4	12			4	4	24	\$2,968
2	Prepare Draft Preliminary Environmental Study (PES)	8	24			8	4	44	\$5,648
3	Prepare Final Field Review Form (LAPM Exhibit 7-B)	2	4			2	2	10	\$1,224
4	Prepare Final Preliminary Environmental Study (PES)	4	8			4	2	18	\$2,304
Subtotal		18	48	0	0	18	12	96	\$12,144
Direct Costs (printing, reproduction, shipping, mileage, etc.)								N/A	\$1,236
TOTAL NON-OPTIONAL WORK		50	104	0	0	32	22	208	\$28,000

Non-Optional Work: \$28,000

HOURLY RATE CHART AND EXPENSE REIMBURSEMENT SCHEDULE

Position	Hourly Rates
Project Manager	\$150
Engineer	\$130
Quality Assurance/Control	\$130
Secretary	\$72

Reimbursable Costs

Vehicle mileage	\$ 0.58/mile
Reproduction	cost + 15%
Postage Delivery	cost + 15%

NOTE: All rates are effective until December 31, 2020 or until the end of this contract.