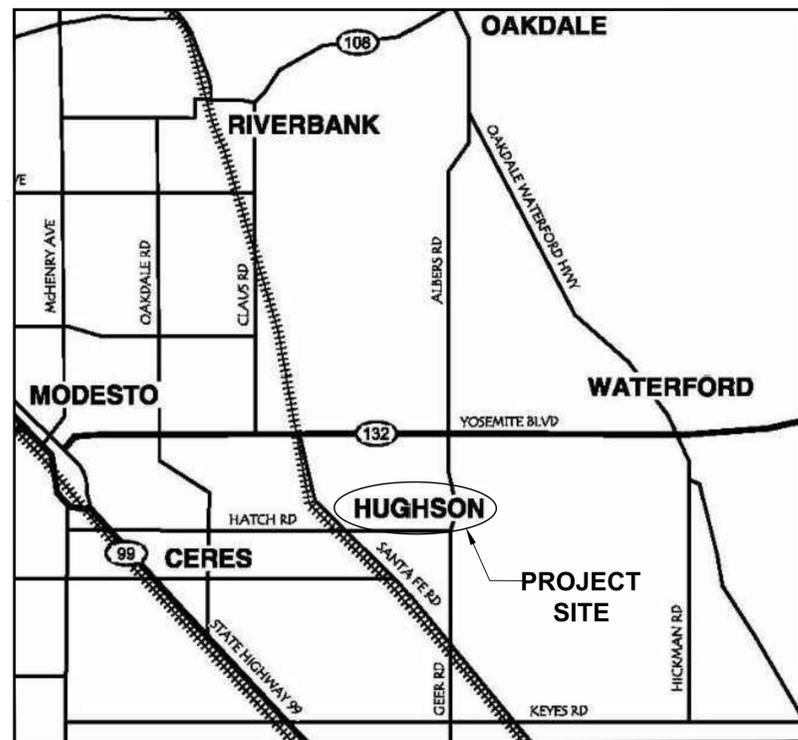


VICINITY MAP

CITY OF HUGHSON, CA



Know what's below.
Call before you dig.

CITY OF HUGHSON

IMPROVEMENT PLANS FOR:

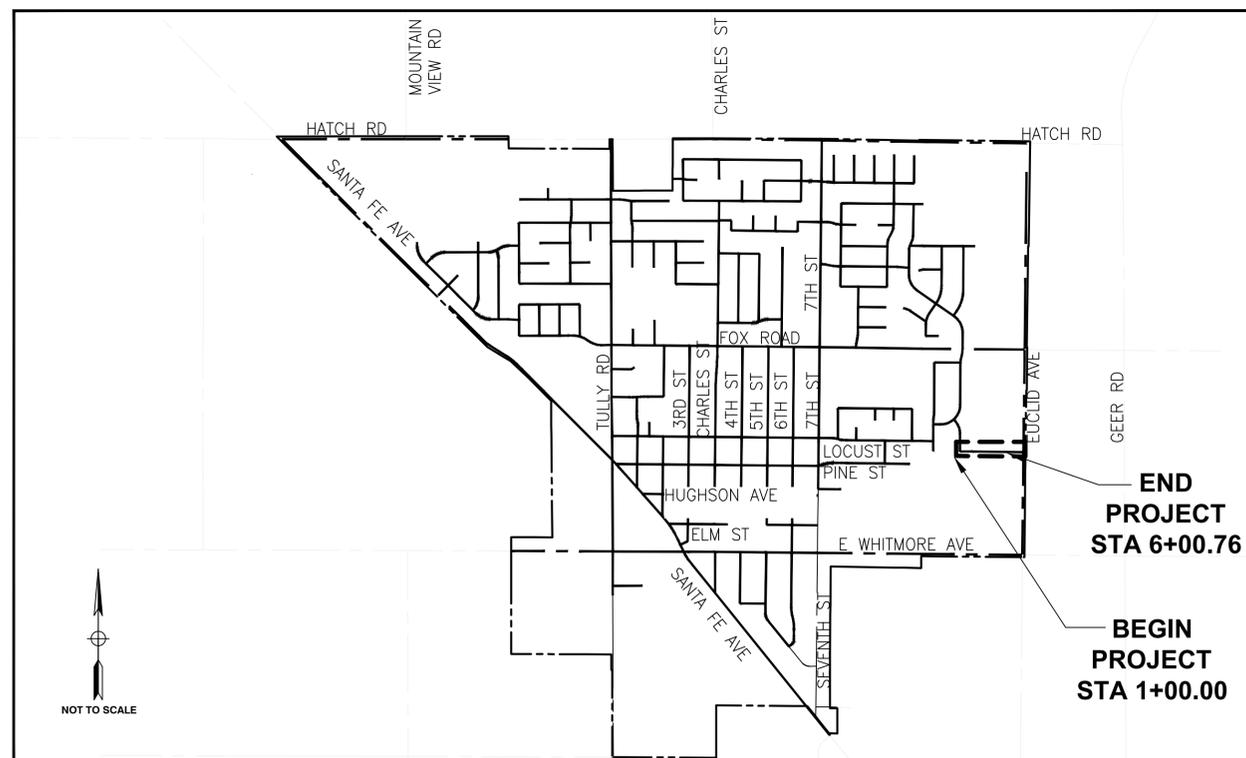
LOCUST STREET WIDENING IMPROVEMENT PROJECT

TO BE SUPPLEMENTED BY:
 CITY OF HUGHSON IMPROVEMENT STANDARDS AND STANDARD DRAWINGS, 2007
 CITY OF HUGHSON STANDARD CONSTRUCTION SPECIFICATIONS, 2007
 STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, STANDARD PLANS AND SPECIFICATIONS, 2015

UTILITY	COMPANY / CONTACT		TELEPHONE
PROJECT MANAGER	WILLDAN ENGINEERING	PETER REI	(209) 743-4469
IRRIGATION	TURLOCK IRRIGATION DISTRICT	TODD TROGLIN	(209) 883-8222
ELECTRIC	TURLOCK IRRIGATION DISTRICT	DAVID PORATH	(209) 883-8222
TELECOMMUNICATIONS	AT&T	SHARON DINNELL	(209) 549-5847
TELECOMMUNICATIONS	COMCAST CABLE	KRIS COOK	(209) 955-6020
TELECOMMUNICATIONS	CHARTER COMMUNICATIONS	ORLANDO SOLIZ	(209) 633-3303
DRAINAGE	CITY OF HUGHSON	SAM RUSH	(209) 505-3049
SEWER	CITY OF HUGHSON	SAM RUSH	(209) 505-3049
WATER	CITY OF HUGHSON	JAIME VELASQUEZ	(209) 505-5194
GAS	PG& E	DAVID LOOMIS	(209) 470-0697
U.S.A.	UNDERGROUND SERVICE ALERT	811 or 1-800-227-2600	

SURVEY CONTROL POINTS						
PT. NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
PT 100	2040544.2820	6458897.0330	125.36'	CP-1		
PT 665	2040940.8592	6458862.1277	123.37'	MON		
PT 666	2040753.8689	6458941.6229	123.81'	MON		

LOCATION MAP



BENCHMARK

CONTROL POINT #100 ORCHARD STREET.
ELEV=125.36'

HORIZONTAL DATUM IS NAD83 (2011) EPOCH 2010.0000.
COORDINATES ARE CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 3 SCALED TO GROUND ABOUT CONTROL POINT #100. TO OBTAIN GRID DISTANCES SCALE COORDINATES 0.99993158 ABOUT CONTROL POINT #100.

VERTICAL DATUM IS NAVD88 BASED ON NGS OPUS SOLUTION FOR THE PROJECT TAKEN FROM CONTROL POINT #100.
ELEVATION=125.364'
BASED UPON A FIELD SURVEY BY WILLDAN ENGINEERING ON 01-17-2019.

SHEET INDEX:

- 1 TITLE SHEET
- 2 NOTES, LEGEND, AND ABBREVIATIONS
- 3 DEMOLITION PLAN
- 4 PLAN/PROFILE

NOT FOR CONSTRUCTION
95% SUBMITTAL

APPROVED BY:

COMMUNITY DEVELOPMENT DIRECTOR

DATE

SUBMITTED BY:

CITY ENGINEER, PETER REI, PE #49623
WILLDAN ENGINEERING

DATE

PREPARED BY:

DESIGN ENGINEER, GALEN GRITZ
WILLDAN ENGINEERING

DATE

NO.	REVISION	BY	DATE

WILLDAN
Engineering

9281 Office Park Circle ~ Suite 100
Elk Grove, CA 95758 916.478.6002

DESIGNED:
DRAWN:
CHECKED:



CITY OF HUGHSON
COMMUNITY DEVELOPMENT
DEPARTMENT
7018 PINE STREET
HUGHSON, CALIFORNIA 95326
209.883.4054



LOCUST STREET WIDENING IMPROVEMENT PROJECT

TITLE SHEET

DATE:
JUNE 17, 2019
SCALE:
HORIZ: N/A
VERT: N/A
PROJECT NO.:

SHEET:
1
OF
4

LOCUST STREET WIDENING IMPROVEMENT PROJECT

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STANDARD IMPROVEMENT NOTES

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF HUGHSON STANDARD SPECIFICATIONS AND DETAILS 2007. THESE PLANS ARE CONSIDERED A PART OF THE PROJECT CONTRACT DOCUMENTS AND ARE INCORPORATED THEREIN BY REFERENCE.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF HUGHSON ENGINEER 48 HOURS AT PHONE 209-743-4469 PRIOR TO THE START OF WORK OR A RE-START AFTER A PROLONGED SHUT-DOWN (ONE WEEK OR MORE).
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT LEAST 2 WORKING DAYS IN ADVANCE OF ANY EXCAVATION BY CALLING 811 OR (800) 227-2600.
- THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL TIMES TO PROPERTIES ADJACENT TO THE WORK.
- THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES WERE OBTAINED FROM FIELD SURVEYS AND OTHER RECORD DOCUMENTS OF VARYING DEGREES OF RELIABILITY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACCURATE LOCATION, SIZE, TYPE AND/OR DEPTHS BASED ON POT-HOLING OR OTHER METHODS. ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES. NOTIFY THE ENGINEER OF ANY DIFFERENCES THAT CONFLICT WITH THE WORK.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STREET OR PROPERTY LINE MONUMENTS FROM DAMAGE DURING CONSTRUCTION. THE CONTRACTOR SHALL USE THE SERVICES OF A DULY LICENSED INDIVIDUAL TO REPLACE ANY MONUMENT DAMAGED BY OR REMOVED BY THE CONTRACTOR'S OPERATIONS. REPLACEMENT MAY INCLUDE PREPARATION OF A CORNER RECORD OR RECORD OF SURVEY AND FILING IT WITH THE PROPER AUTHORITIES.
- COMPLY WITH THE REQUIREMENTS OF CALTRANS 2010 STANDARD SPECIFICATION SECTION 7-1.04, PUBLIC SAFETY. ALL TRENCHES OR EXCAVATIONS IN ROADWAYS SHALL BE COVERED WITH AN APPROPRIATE ASPHALTIC MATERIAL OR STEEL TRENCH PLATES AT THE END OF EACH WORK DAY.
- IMPLEMENT THE FOLLOWING MINIMUM STORM WATER POLLUTION PREVENTION BEST MANAGEMENT PRACTICES:
 - UTILIZE THE CALTRANS CONSTRUCTION BMP FACT SHEETS FOUND AT [HTTP://WWW.DOT.CA.GOV/HQ/CONSTRUC/STORMWATER/FACTSHEETS.HTM](http://www.dot.ca.gov/hq/CONSTRUC/STORMWATER/FACTSHEETS.HTM) OR OTHER SIMILAR REFERENCE (SUCH AS CASQA) TO IMPLEMENT ONSITE EROSION CONTROL MEASURES. REFERENCES SUCH AS (SC-01) ARE TO CALTRANS BMP FACT SHEETS.
 - BUILD PERIMETER SILT CONTROL PRIOR TO COMMENCING CONSTRUCTION BY ONE OR MORE OF THE FOLLOWING METHODS:
 - SILT FENCE (SC-01)
 - FIBER ROLLS (SC-05)
 - PROVIDE STORM INLET PROTECTION PRIOR TO COMMENCING CONSTRUCTION AT THE NEAREST EXISTING DOWNSTREAM DRAINAGE INLETS (SC-10) THAT TAKE DRAINAGE FROM THE PROJECT SITE.
 - PROVIDE STABILIZED CONSTRUCTION ENTRANCE/EXIT (TC-1) AS APPROPRIATE.
 - COVER ALL EXPOSED EARTH OR OTHER STOCKPILED CONSTRUCTION MATERIALS SURFACES IF LEFT INACTIVE FOR LONGER THAN 14 CALENDAR DAYS, BY ANY COMBINATION OF TARPS, GEOTEXTILE MATS, HYDRO-MULCHING, ETC.
 - PERFORM STREET SWEEPING AND CLEANUP ON A MINIMUM DAILY BASIS (SC-07).
 - PROVIDE WIND EROSION CONTROL, ESPECIALLY WHEN WINDS IN EXCESS OF 10 MPH ARE PREDICTED (WE-1).
 - TAKE PROTECTIVE ACTIONS DURING PAVING AND GRINDING OPERATIONS (NS-03).
 - PERFORM ALL VEHICLE AND EQUIPMENT CLEANING OFFSITE OR PER NS-08.
 - PERFORM ALL VEHICLE AND EQUIPMENT FUELING OFFSITE OR PER NS-09.
 - PERFORM ALL VEHICLE AND EQUIPMENT MAINTENANCE OFFSITE OR PER NS-10.
 - PERFORM MATERIAL DELIVERY, STORAGE AND USE PER WM-01, WM-02.
 - PERFORM MATERIAL STOCKPILE MANAGEMENT PER WM-03.
 - PERFORM SPILL PREVENTION AND CONTROL AS NEEDED (WM-04).
 - PERFORM SOLID WASTE AND HAZARDOUS WASTE MANAGEMENT PER WM-05 AND WM-06.
 - PERFORM CONCRETE WASTE MANAGEMENT PER WM-08.
 - PERFORM SANITARY/SEPTIC WASTE MANAGEMENT BY PROVIDING ONSITE PORTABLE TOILET FACILITIES (WM-09).
 - COVER ALL EXPOSED EARTH SURFACES PRIOR TO COMPLETION OF PROJECT BY ONE OR MORE OF THE FOLLOWING METHODS:
 - EROSION CONTROL MATS (SS-07), 100% COVERAGE.
 - HYDROSEEDING (SS-04) TO ACHIEVE 90% GERMINATION AND GROWTH
 - LANDSCAPING MULCH (SS-08), 100% COVERAGE
 - STRAW MULCH (SS-06), 100% COVERAGE - SPECIAL APPROVAL REQUIRED

SIGNING AND STRIPING NOTES

- ALL WORK, MATERIALS, AND EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF THE STATE DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS, 2015 EDITION, AND PROJECT SPECIAL PROVISIONS.
- ALL STRIPING AND PAVEMENT LEGENDS SHALL BE INSTALLED PER THE 2015 CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS. NEW STRIPING SHALL NOT BE PLACED UNTIL SPOTTED AND APPROVED BY THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE.
- ALL CONFLICTING STRIPING SHALL BE REMOVED BY WET SANDBLASTING OR A METHOD APPROVED BY THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE.
- ALL WORK SHALL BE COORDINATED WITH AND COMPLETED TO THE SATISFACTION OF THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE.
- ALL PAVEMENT LEGENDS SHALL BE PLACED IN THE CENTER OF THE TRAVEL LANE, OR AS DIRECTED BY THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE.
- ALL TRAFFIC LANES, PAVEMENT LEGENDS, AND CROSSWALKS SHALL BE INSTALLED WITH PAINT (TWO COATS) BY THE CONTRACTOR.
- ALL STRIPING SHALL BE REPLACED IN KIND BY THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY EXISTING STRIPING, PAVEMENT LEGENDS, AND RAISED PAVEMENT MARKERS AND SUBMIT PHOTOS TO THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.

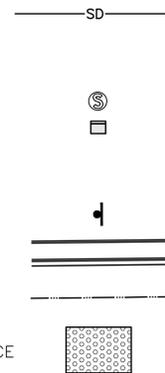
EXISTING



LEGEND:

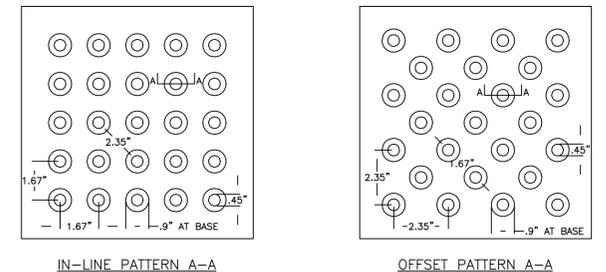
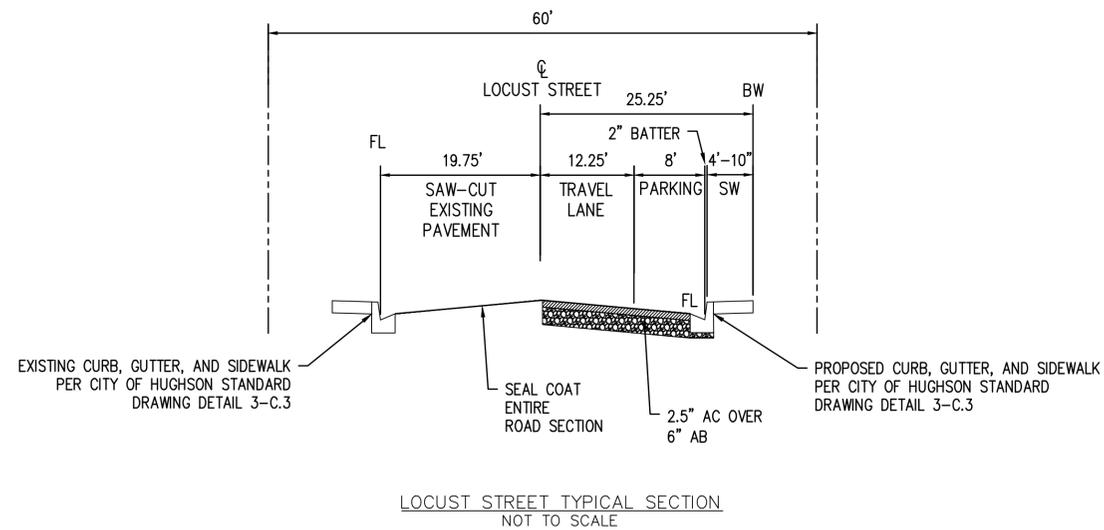
- TELEPHONE
- ELECTRIC (UNDERGROUND)
- ELECTRIC (OVERHEAD)
- GAS
- STORM DRAIN
- SANITARY SEWER
- WATER
- MANHOLE
- DRAIN INLET
- WATER/GAS VALVE
- FIRE HYDRANT
- ROAD SIGN
- CURB, GUTTER AND SIDEWALK
- DAYLIGHT LINE
- STREET LIGHT
- DETECTABLE WARNING DEVICE

PROPOSED



ABBREVIATIONS

AB	AGGREGATE BASE	MH	MANHOLE
AC	ASPHALT CONCRETE	MIN.	MINIMUM
AD	AREA DRAIN	MON	MONUMENT
AP	ANGLE POINT	(N)	NEW
BC	BEGIN HORIZONTAL CURVE	OG	ORIGINAL/ EXISTING GROUND
BLVD.	BOULEVARD	O/H, OH	OVERHEAD
BSW, BW	BACK OF SIDEWALK	PCC	PORTLAND CEMENT CONCRETE
C	CUT LINE		POINT OF COMPOUND CURVE
C-C	CENTER TO CENTER	PL, R	PROPERTY LINE
CB	CATCH BASIN	PP	POWER POLE
CL, C	CENTERLINE	PTEC	PERMISSION TO ENTER AND CONSTRUCT
CO	CLEAN OUT	P.U.E.	PUBLIC UTILITY EASEMENT
CONC	CONCRETE	RCP	REINFORCED CONCRETE PIPE
CP	CONTROL POINT	RSP	ROCK SLOPE PROTECTION
C&G	CURB AND GUTTER	ROW	RIGHT-OF-WAY
DI	DRAINAGE INLET	SD	STORM DRAIN
DWG.	DRAWING	SDMH	STORM DRAIN MANHOLE
DWS	DETECTABLE WARNING SURFACE	SS	SANITARY SEWER
DWY	DRIVEWAY	SSCO	SANITARY SEWER CLEAN OUT
(E)	EXISTING	SSMH	SANITARY SEWER MANHOLE
EC	END HORIZONTAL CURVE	ST	STREET
EG, eg	EXISTING/ ORIGINAL GROUND	STA	STATION
ELEV	ELEVATION	STD.	STANDARD
EP, ep	EDGE OF PAVEMENT/ LIP OF GUTTER	S/W	SIDEWALK
ESMT	EASEMENT	TC, t/c	TOP OF CURB, TOP OF ROLLED CURB
FES	FLARED END SECTION	TFC	TOP FACE OF VERTICAL CURB
FG	FINISHED GRADE	TOE	TOE OF SLOPE
FH	FIRE HYDRANT	TOP	TOP OF SLOPE
FL, L	GUTTER/ DITCH FLOWLINE	(TYP)	TYPICAL
GB	GRADE BREAK	STD	STANDARD
GR	GRATE	S/W	SIDEWALK
HP	HIGH POINT, HINGE POINT	W	WATER
INV.	INVERT	WM	WATER METER
IP	IRON PIPE	WV	WATER VALVE
LIP	LIP OF GUTTER		
LF	LINEAR FEET		
LT	LEFT		
MAX.	MAXIMUM		



NOTES:

- THE DETECTABLE WARNING SHALL VISUALLY CONTRAST 70% WITH ADJOINING SURFACES, EITHER LIGHT-ON DARK OR DARK-ON-LIGHT. THE MATERIAL USED SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.
- THE DOMES MAY BE CONSTRUCTED IN A VARIETY OF METHODS, INCLUDING CAST-IN-PLACE OR STAMPED OR IT MAY BE PART OF A PREFABRICATED SURFACE TREATMENT.
- ONLY APPROVED DSA/AC DETECTABLE WARNING PRODUCTS AND DIRECTIONAL SURFACES SHALL BE INSTALLED AS PROVIDED IN THE CALIFORNIA CODE OF REGULATIONS (CCR), TITLE 24, PART 1, ARTICLES 2, 3 AND 4. REFER TO CCR TITLE 24, PART 12, CHAPTER 12-11A AND B FOR BUILDING FACILITY ACCESS SPECIFICATIONS FOR PRODUCT APPROVAL FOR DETECTABLE WARNING PRODUCTS AND DIRECTIONAL SURFACES.
- DETECTABLE WARNING PRODUCTS AND DETECTABLE SURFACES SHALL BE EVALUATED BY AN INDEPENDENT ENTITY, SELECTED BY THE DEPARTMENT OF GENERAL SERVICES, DIVISION OF THE STATE ARCHITECT-ACCESS COMPLIANCE FOR ALL OCCUPANCIES, INCLUDING TRANSPORTATION AND OTHER OUTDOOR ENVIRONMENTS. SEE GOVERNMENT CODE SECTION 4460.

DETECTABLE WARNING DEVICES

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NO.	REVISION	BY	DATE

WILLDAN Engineering
 9281 Office Park Circle ~ Suite 100
 Elk Grove, CA 95758 916.478.6002

DESIGNED:
 DRAWN:
 CHECKED:



CITY OF HUGHSON
 COMMUNITY DEVELOPMENT
 DEPARTMENT
 7018 PINE STREET
 HUGHSON, CALIFORNIA 95326
 209.883.4054

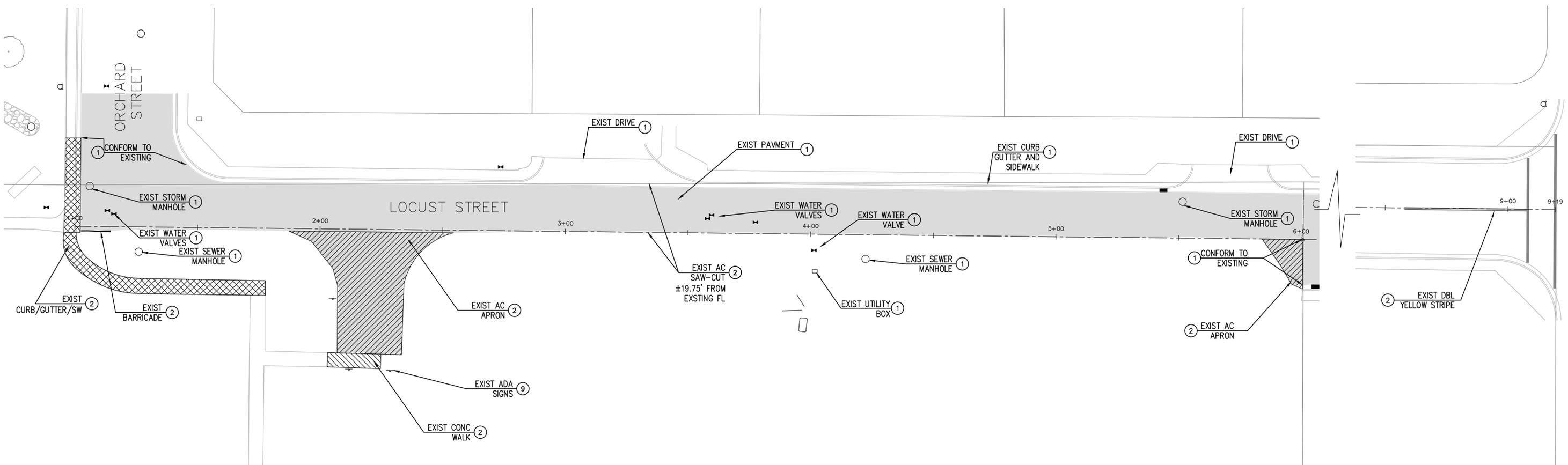


LOCUST STREET WIDENING IMPROVEMENT PROJECT

NOTES AND DETAILS

DATE: JUNE 17, 2019	SHEET: 2 OF 4
SCALE: HORIZ: N/A VERT: N/A	
PROJECT NO.:	

EUCLID AVENUE

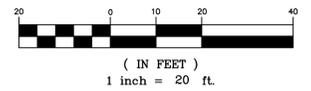


LEGEND

- REMOVE & REPLACE EXIST CONCRETE
- REMOVE EXIST AC

CONSTRUCTION NOTES

- 1 PROTECT IN PLACE
- 2 REMOVE BY CONTRACTOR
- 3 CONSTRUCT 4-INCH THICK PCC SIDEWALK PER CITY OF HUGHSON STANDARD PLAN 3-ST.3.3
- 4 REMOVE AND RECONSTRUCT CURB RAMP PER CITY OF HUGHSON STANDARD PLAN 3-HC.2, CASE AND TYPE PER PLAN
- 5 CONSTRUCT CURB AND GUTTER PER CITY OF HUGHSON STANDARD PLAN 3-C.1
- 6 CONSTRUCT COMMERCIAL DWY APRON PER CITY OF HUGHSON STANDARD PLAN 3-C.1
- 7 ADJUST TO GRADE BY CONTRACTOR PER PLAN
- 8 INSTALL PAVEMENT SECTION; 2.5-INCH AC OVER 6" BASE ROCK PER CITY OF HUGHSON STANDARD PLAN 3-ST.3.3
- 9 RELOCATE EXISTING ADA PARKING SIGNS PER NOTES SHEET
- 10 PROVIDE SEAL COAT ENTIRE PAVEMENT SECTION
- 11 INSTALL ADA STRIPING PER CITY OF HUGHSON STANDARD PLAN 3-HC.3
- 12 INSTALL ADA DETECTABLE WARNING DEVICE PER DETAIL SHEET 2
- 13 INSTALL DETAIL 1 STRIPE PER CALTRANS STANDARD PLAN A20A
- 14 INSTALL AGGREGATE SHOULDER BACKING ALONG BACK OF WALK. CONFORM TO GRADE 4:1 SLOPE



NO.	REVISION	BY	DATE

WILLDAN
Engineering

9281 Office Park Circle ~ Suite 100
Elk Grove, CA 95758 916.478.6002

DESIGNED: _____

DRAWN: _____

CHECKED: _____



CITY OF HUGHSON
COMMUNITY DEVELOPMENT
DEPARTMENT
7018 PINE STREET
HUGHSON, CALIFORNIA 95326
209.883.4054



LOCUST STREET WIDENING IMPROVEMENT PROJECT

DEMOLITION PLAN

DATE:
JUNE 17, 2019

SCALE:
HORIZ: N/A
VERT: N/A

PROJECT NO.:

SHEET:
3
OF
4

