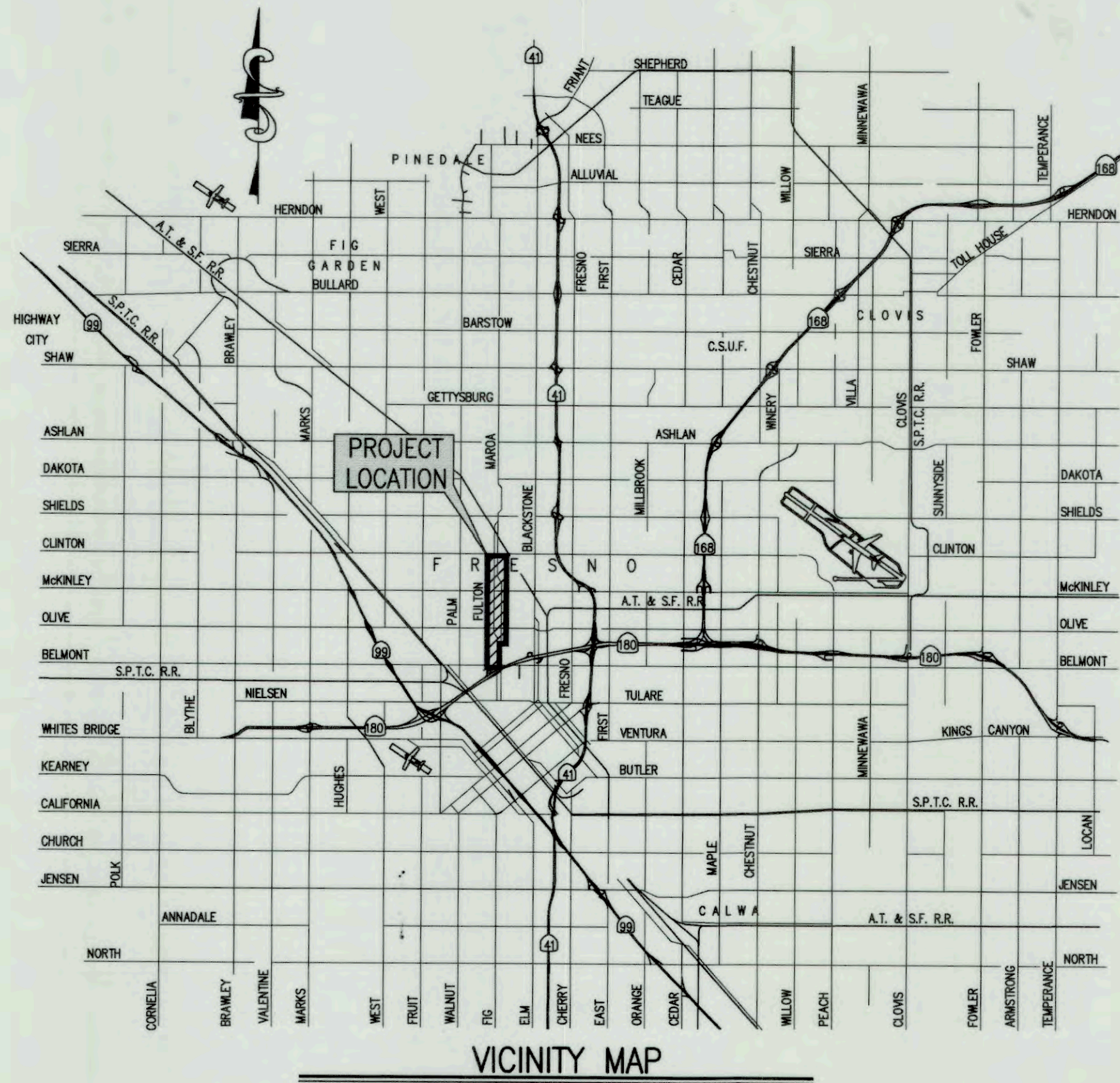




	DRAIN INLET		PG&E PULLBOX		CENTERLINE
	CURB INLET		STREET LIGHT PULLBOX		RIGHT OF WAY LINE
	SD MANHOLE		SERVICE CABINET		PROPERTY LINE
	SANITARY SEWER MANHOLE		TRAFFIC SIGNAL PULLBOX		CONCRETE
	FIRE HYDRANT		TRAFFIC SIGNAL CABINET		CURB AND GUTTER
	FIRE DEPARTMENT CONNECTION		ITS COMMUNICATION BOX		EDGE OF PAVEMENT
	WATER VALVE		ITS HUB CABINET		FENCELINE
	WATER METER		TRAFFIC SIGNAL POLE		STORM DRAIN
	BACKFLOW PREVENTOR		TRAFFIC SIGNAL-STREET LIGHT		SANITARY SEWER
	DETECTOR CHECK VALVE		TRAFFIC SIGNAL LOOP		WATER MAIN
	POST INDICATOR VALVE		CABLE TV BOX		NATURAL GAS
	BLOW-OFF ASSEMBLY		TELEPHONE MANHOLE		OVERHEAD ELECTRIC
	GAS VALVE		TELEPHONE BOX		UNDERGROUND ELECTRIC
	GAS METER		TELEPHONE POLE		OVERHEAD TELEPHONE
	ELECTRICAL MANHOLE		UTILITY VAULT		UNDERGROUND TELEPHONE
	POWER POLE		MAILBOX		FIBER OPTIC
	JOINT POLE		TRAFFIC SIGN		CABLE TV
	GUY WIRE		PARKING METER		TRAFFIC SIGNAL CONDUIT
	STREET LIGHT		TREE		ITS CONDUIT
	ELECTRICAL BOX		BENCHMARK		
	TRANSFORMER PAD/EQUIPMENT		PROPERTY CORNER		

ABBREVIATIONS:

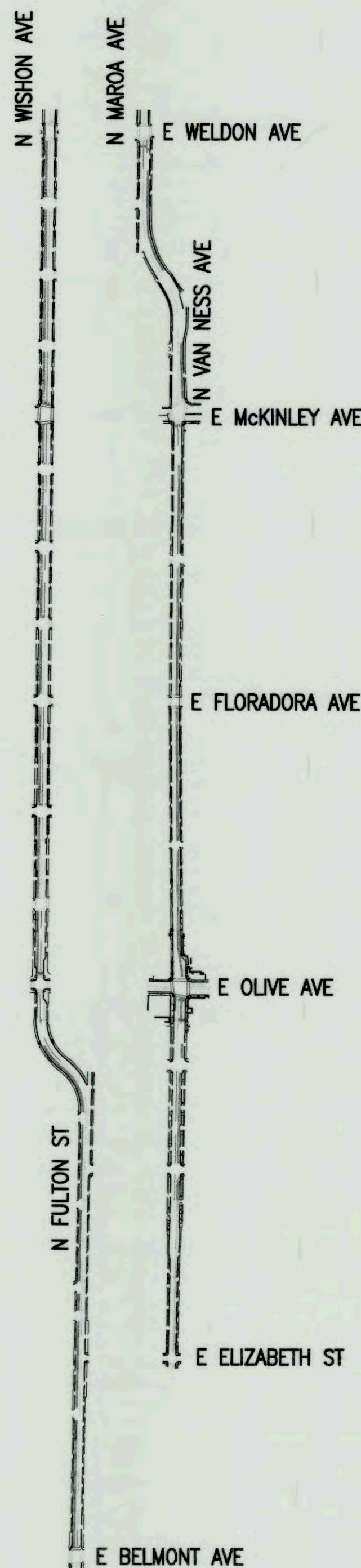
AC	ASPHALT CONCRETE	FID	FRESNO IRRIGATION DISTRICT	PRC	POINT OF REVERSE CURVE
ADD ALT.	ADDITIVE ALTERNATE	FL	FLOWLINE	PROP.	PROPOSED
AB	ADDITIONAL BASE	FMFCD	FRESNO METROPOLITAN FLOOD CONTROL DISTRICT	PT	POINT
BC	BEGIN OF CURB	G	GUTTER	PTA	POINT OF TANGENCY
BCR	BEGINNING OF CURB RETURN	GB	GRADE BREAK	RC	RELATIVE COMPACTION
BM	BENCHMARK	GV	GATE VALVE	RGC	RIGID GALVANIZED CONDUIT
BVC	BEGIN OF VERTICAL CURVE	HMA	HOT MIX ASPHALT	ROW	RIGHT OF WAY
BW	BACK OF WALK	H-PT	HORIZONTAL ANGLE POINT	RT	RIGHT SIDE
C	CONCRETE	IC	INTERCONNECT	R/W	RIGHT OF WAY
CAB	CABINET	ICB	IRRIGATION CONTROL BOX	S	SEWER
C&G	CURB & GUTTER	ITS	INTELLIGENT TRANSPORTATION SYSTEM	SL	STATION LINE OR SAWCUT LINE
C.N.S.	COMPACTED NATIVE SOIL	IVB	IRRIGATION VALVE BOX	SD	STORM DRAIN
COMM.	COMMUNICATION	JP	JOINT-USED POLE	STA	STATION
DI	DRAIN INLET	LT	LEFT SIDE	TC	TOP OF CURB
DLC	DETECTOR LEAD-IN CABLE	ME	MATCH EXISTING	TSCB	TRAFFIC SIGNAL CONTROLLER CABINET
E	ELECTRIC	NTS	NOT TO SCALE	TRB	TELEPHONE RISER BOX
EC	END OF CURVE	OH	OVERHEAD	TS	TRAFFIC SIGNAL
ECR	END OF CURB RETURN	P	PAVEMENT	TYP.	TYPICAL
ELR	ELECTROLIER	PB	PULL BOX	VAR	VARIES
EMB	ELECTRICAL METER BOX	PC	POINT OF CURVATURE	VPC	VERTICAL PARABOLIC CURVE
EP	EDGE OF PAVEMENT	PCC	POINT OF COMPOUND CURVE	W	WATER
EX	EXISTING	PI	POINT OF INTERSECTION		
EVC	END OF VERTICAL CURVE				
FH	FIRE HYDRANT				

SURVEY NOTE:

NO BENCHMARK USED
PLANIMETERIC ONLY

POTHOLE NOTE:

PRIOR TO ANY EXCAVATION AND/OR DIGGING, CONTRACTOR SHALL POTHOLE ALL AFFECTED UTILITY CROSSINGS TO VERIFY SIZE, DEPTH AND TYPE OF PIPE. CONTRACTOR TO PROTECT EXISTING UTILITIES TO REMAIN AT ALL TIMES DURING CONSTRUCTION.



LOCATION MAP

NOT TO SCALE

FULTON, WISHON, AND VAN NESS CLASS IV BIKE WAY

SHEET INDEX

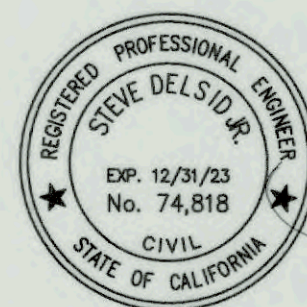
DESCRIPTION	SHEET NO.	DRAWING NO.
COVER SHEET	1	15-E-12686
SLURRY SEAL	2	15-E-12687
SLURRY SEAL	3	15-E-12688
SLURRY SEAL	4	15-E-12689
SLURRY SEAL	5	15-E-12690
CLASS IV SIGNAGE AND STRIPING - WISHON AVE	6	15-E-12691
CLASS IV SIGNAGE AND STRIPING - WISHON AVE	7	15-E-12692
CLASS IV SIGNAGE AND STRIPING - WISHON AVE	8	15-E-12693
CLASS IV SIGNAGE AND STRIPING - VAN NESS AVE	9	15-E-12694
CLASS IV SIGNAGE AND STRIPING - VAN NESS AVE	10	15-E-12695
CLASS IV SIGNAGE AND STRIPING - VAN NESS AVE	11	15-E-12696
CLASS IV SIGNAGE AND STRIPING - VAN NESS AVE	12	15-E-12697
DETECTOR DETAIL	13	4-E-3539

GENERAL NOTES:

- THE WORK EMBRACED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS OF THE SPECIFICATIONS ENTITLED CITY OF FRESNO, STANDARD SPECIFICATIONS, LATEST EDITION, INsofar AS THE SAME MAY APPLY, WHICH SPECIFICATIONS HEREINAFTER ARE REFERRED TO AS THE STANDARD SPECIFICATION.
- CONTRACTOR WILL NOTIFY F.M.F.C.D. CONSTRUCTION MANAGER, AT (559) 456-3292, 48 HOURS PRIOR TO CONNECTING TO ANY STORM DRAIN FACILITY (NOT APPLICABLE).
- TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT, TOLL FREE, AT 1-800-227-2600 OR 811.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF AN OWNER'S WRITTEN AUTHORIZATION AND/OR SIGNED USE AGREEMENT PRIOR TO THE START OF WORK FOR ANY TEMPORARY WORK AREA, STANDING AREA, OR EQUIPMENT STORAGE FACILITIES TO BE USED FOR THIS PROJECT. AT THE COMPLETION OF WORK, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF A WRITTEN RELEASE LETTER STATING THAT ALL TEMPORARY USES FACILITIES HAVE BEEN RESTORED BACK TO THE OWNER'S SATISFACTION.
- CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES AND PROVIDE PROTECTION PRIOR TO AND DURING CONSTRUCTION.
- IN THE EVENT OVERHEAD ELECTRICAL LINES EXIST WITHIN THE LIMITS OF CONSTRUCTION, MAINTAIN PROPER CLEARANCE. CONTACT P.G. & E TO VERIFY WIRE LOCATION.

APPROVED BY

	2/23/2022
CITY ENGINEER	DATE
	2/22/2022
CITY OF FRESNO TRAFFIC ENGINEERING	DATE
	2-16-2022
CITY OF FRESNO CONSTRUCTION MANAGEMENT	DATE
	02/16/2022
CITY OF FRESNO TSSL SUPERVISOR	DATE
	02/16/2022
CITY OF FRESNO TRAFFIC OPERATIONS CENTER	DATE



STEVE DELSID, R.C.E.

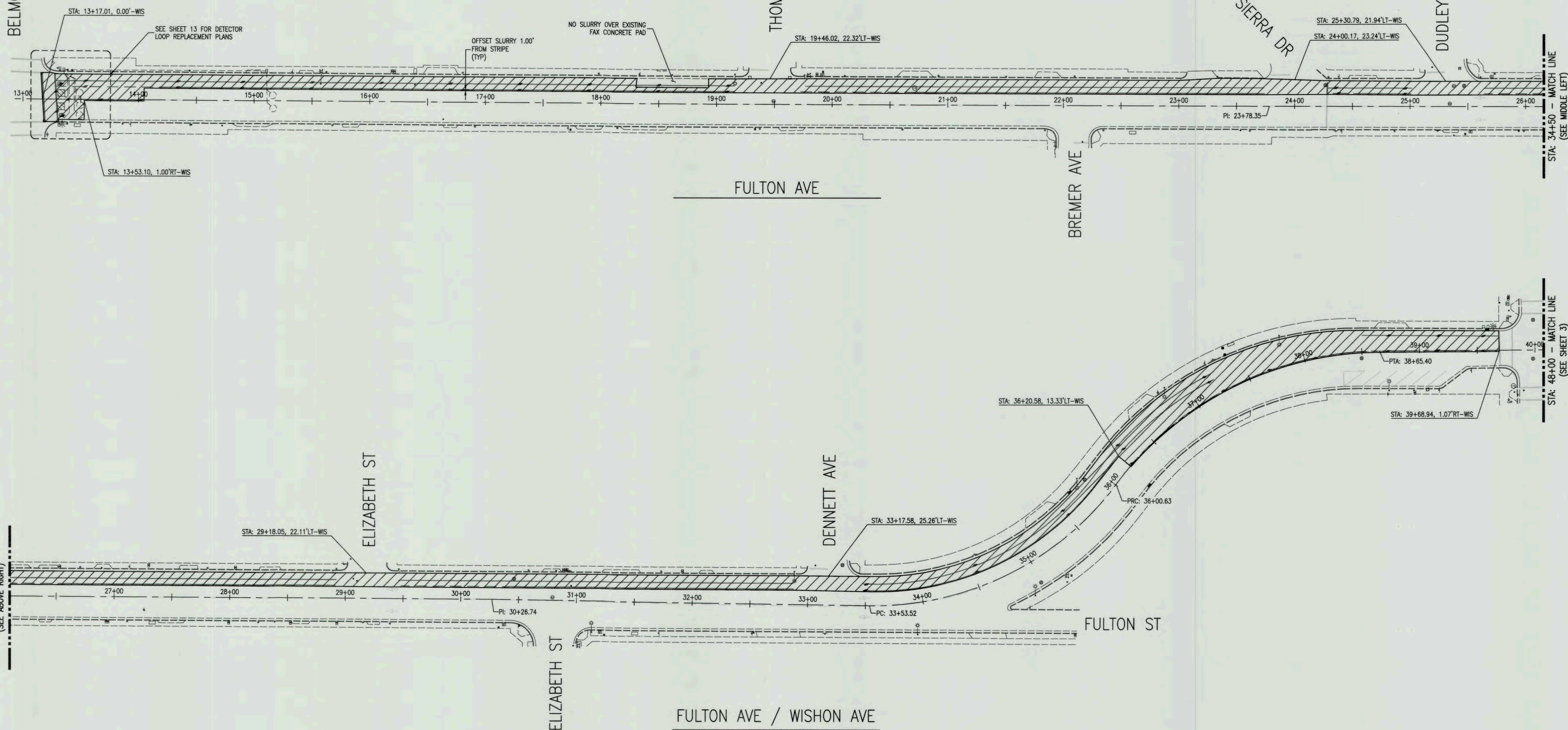
DATE

FW FILE NO.	12891
PROD. ID.	FW00022
FUND NO.	22056
ORG. NO.	189901

REF. & REV.
REVISION

CITY OF FRESNO
FULTON, WISHON, AND VAN NESS
CLASS IV BIKE WAY
CLASS IV BICYCLE FACILITY
COVER SHEET

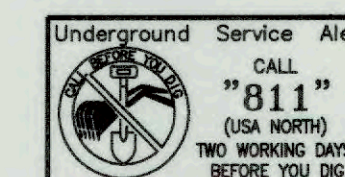
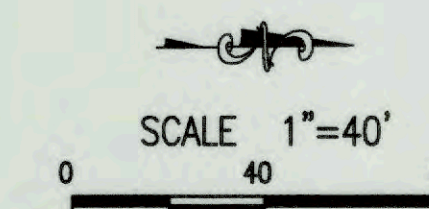
REVIEWED:	OFFICE ENG.	CITY ENG.
DR. BY:	NT	AGP
CH. BY:	OF	13
DATE:	AS NOTED	15-E-12686
SCALE:		



1. ALL TRAFFIC SIGNAL AND STREET LIGHT MATERIALS SHALL BE APPROVED BY THE CITY OF FRESNO TSS DIVISION PRIOR TO ORDERING OF MATERIALS. ALL MATERIALS NOT APPROVED PRIOR TO ORDERING SHALL BE SUBJECT TO REJECTION AT NOT COST TO THE CITY.
2. ANY STREET LIGHT OR TRAFFIC SIGNAL PULL BOX IN THE SCOPE OF WORK OR ACCESSED BY THE CONTRACTOR SHALL BE CLEANED COMPLETELY GROUTED, AND DUCT SEAL INSTALLED IN CONDUITS.
3. ANY BROKEN PULL BOX DAMAGED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NOT ADDITIONAL COST TO THE CITY.
4. ANY PULL BOX ADJUSTED TO GRADE MUST BE ABLE TO ACCEPT A CITY OF FRESNO APPROVED LOCKING LID AND THE CONDUIT MUST BE ADJUSTED TO MEET THE CITY STANDARDS.
5. ANY LOOPS OR LEAD-INS DAMAGED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY.

/// GRIND EXISTING STRIPE OUT

 SLURRY SEAL. REMOVE ALL PAVEMENT STRIPES, MARKERS, AND SEAL ALL CRACKS PRIOR TO SLURRY SEAL.



STEVE DELSID, R.C.E.

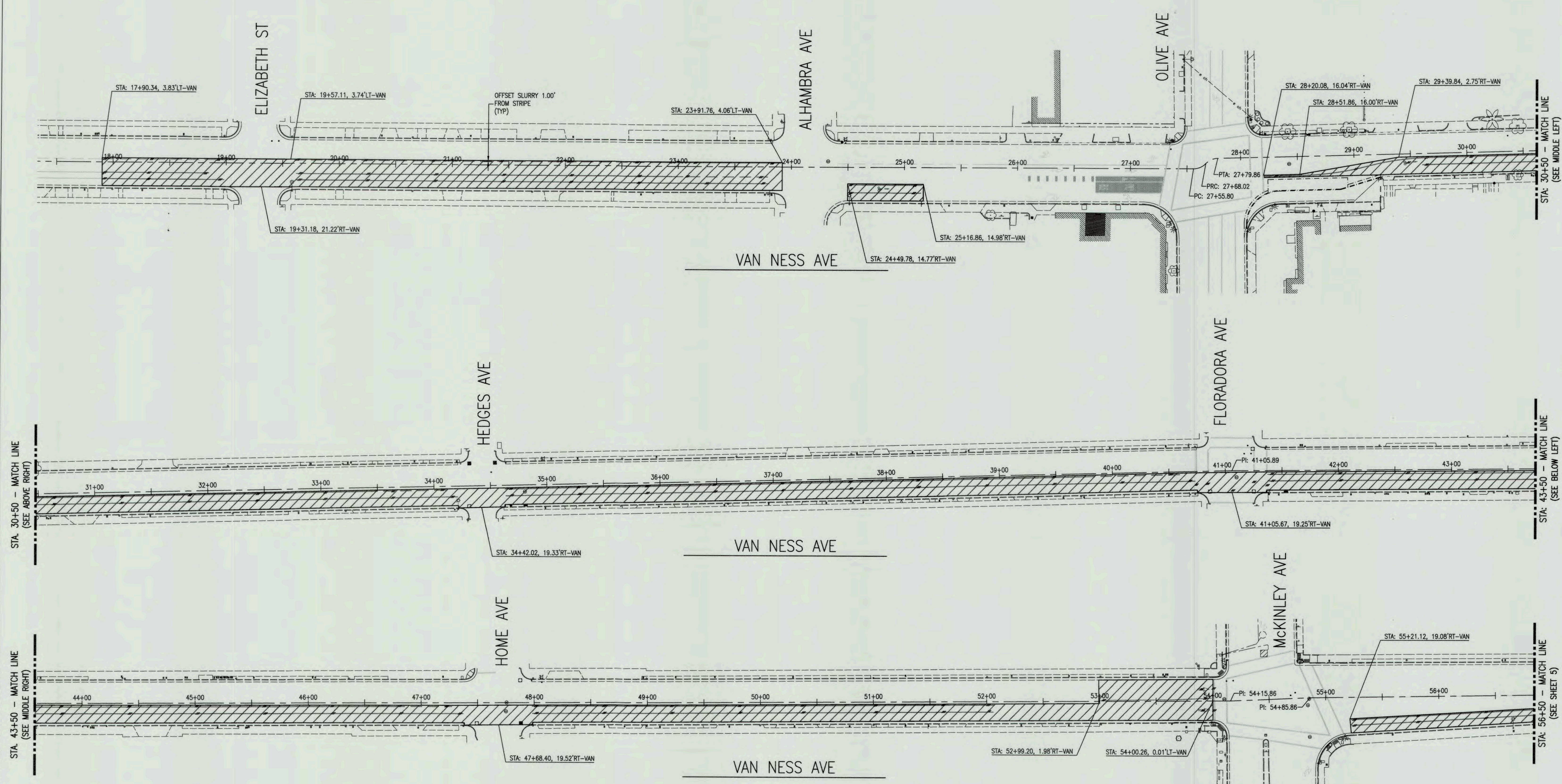
PW FILE NO.	1269
PROJ. ID.	PW0092
FUND NO.	2205
ORG. NO.	18990

CITY OF FRESNO	
FULTON, WISHON, AND VAN NESS CLASS IV BIKE WAY	

DEPARTMENT OF PUBLIC WORKS

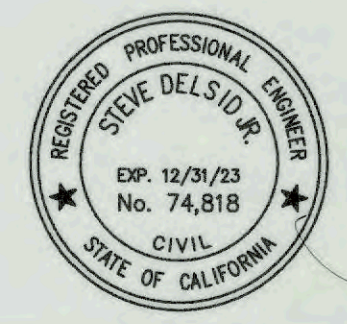
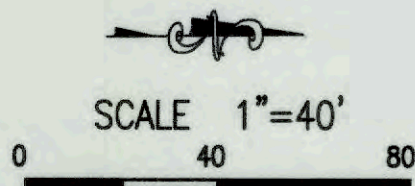
REVIEWED: <u>AD</u>	CITY ENG. <u>AD</u>
DR. BY: _____ NT	SHEET NO. <u>2</u>
CH. BY: _____	OF <u>13</u> SHEETS
DATE: _____	
SCALE: <u>AS NOTED</u>	15-E-12687

ALL DIMENSIONS IN FEET UNLESS OTHERWISE NOTED. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROADWAY. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROADWAY. ALL DIMENSIONS ARE TO THE CENTERLINE OF THE ROADWAY.



CONSTRUCTION SYMBOLS AND LEGEND:

- /// GRIND EXISTING STRIPE OUT
- [Hatched Box] SLURRY SEAL. REMOVE ALL PAVEMENT STRIPES, MARKERS, AND SEAL ALL CRACKS PRIOR TO SLURRY SEAL.

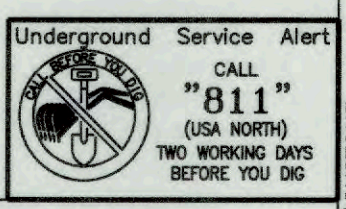


Steve Delsid 4/15/22
STEVE DELSID, R.C.E.
DATE

PW FILE NO.	12691
PROJ. ID.	PW00926
FUND. NO.	22056
ORG. NO.	19991
REF. & REV.	REF&REV

CITY OF FRESNO
FULTON, WISHON, AND VAN NESS
CLASS IV BIKE WAY
SLURRY SEAL

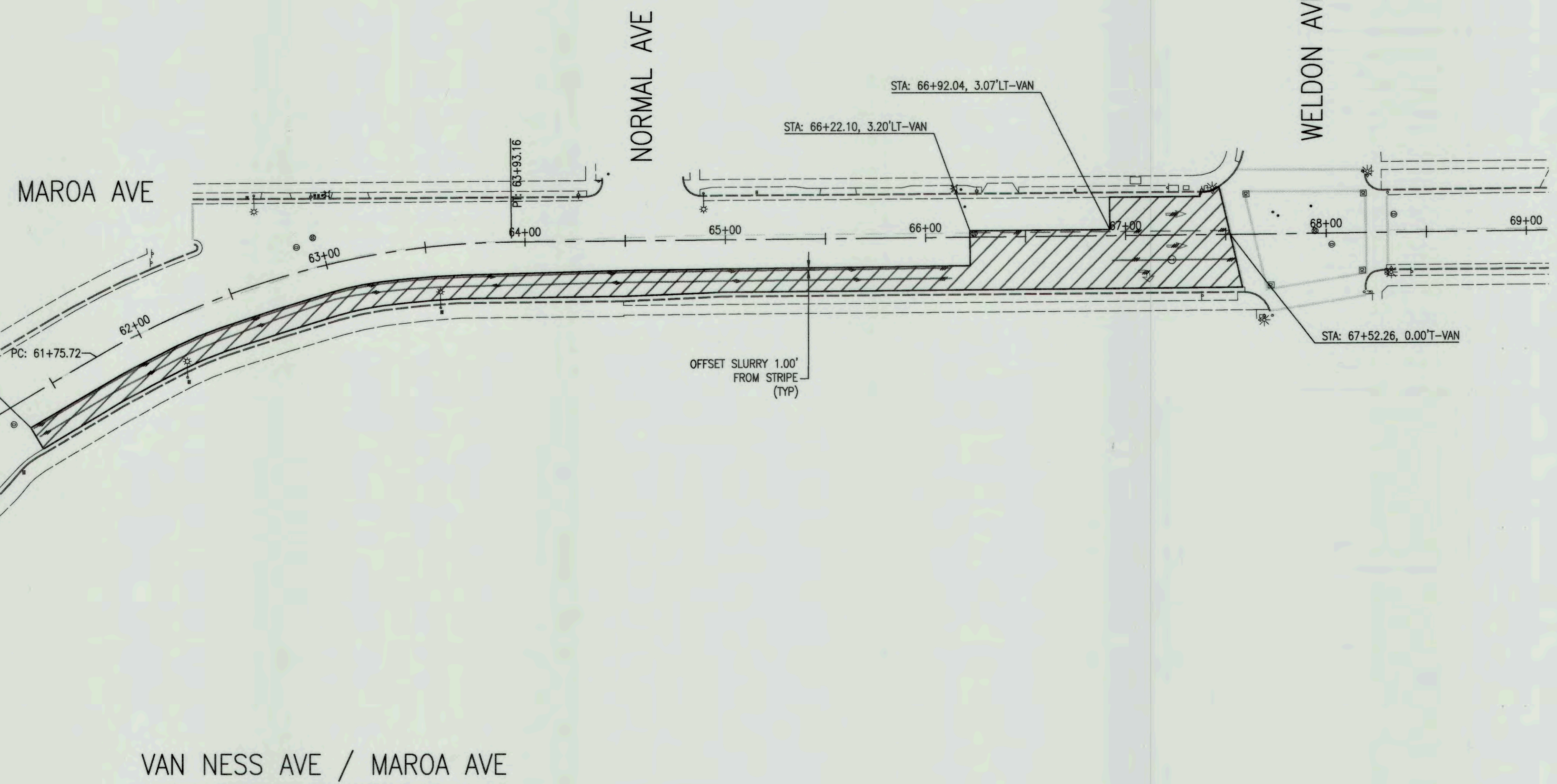
REVIEWED:	OFFICE ENG.	CITY ENG.
DR. BY:	DATE:	DATE:
CH. BY:	SCALE:	SCALE:
AS NOTED	15-E-12689	



PW00926 - 15-E-12689

K:\02 PROJECTS\PM PROJECTS (PUBLIC WORKS)\PM00026 - TOD BLACKSTONE\04 PROJECT DESIGN\03 PLANS\03 Plans\03 Slurry Seal\03 Slurry Seal.dwg - Plotted: 2/14/22 02:08:34 PM - Plot By: maddal

STA. 56+50 - MATCH LINE
(SEE SHEET 4)



CONSTRUCTION SYMBOLS AND LEGEND:

/// GRIND EXISTING STRIPE OUT

SLURRY SEAL. REMOVE ALL PAVEMENT STRIPES, MARKERS, AND SEAL ALL CRACKS PRIOR TO SLURRY SEAL.

SCALE 1"=40'

0 40 80



STEVE DELSID, R.C.E.

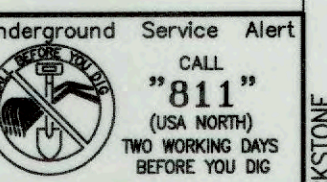
PW FILE NO. 12691
PROJ. ID. PM00026
FUND NO. 22056
ORG. NO. 189901

REF. & REV.
REF&REV

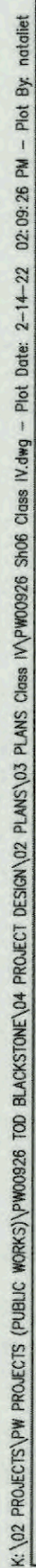
CITY OF FRESNO
FULTON, WISHON, AND VAN NESS
CLASS IV BIKE WAY

SLURRY SEAL

REVIEWED: [Signature] CITY ENG. [Signature]
DR. BY: NT SHEET NO. 13
DATE: AS NOTED OF 13 SHEETS
SCALE: AS NOTED



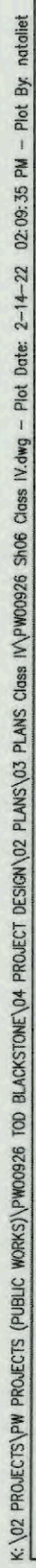
PM00026 - TOD BLACKSTONE



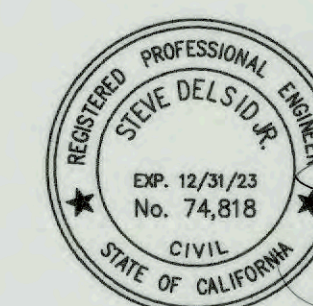
Underground Service Alert

CALL
"811"
(USA NORTH)
TWO WORKING DAYS
BEFORE YOU DIG

DEPARTMENT OF PUBLIC WORKS	
REVIEWED: <i>AD</i>	CITY ENG. <i>AB</i>
OFFICE ENG. _____	_____
DR. BY: _____ NT	SHEET NO. <i>8</i>
CH. BY: _____	OF <i>13</i> SHEETS
DATE: _____	
SCALE: <i>AS NOTED</i>	<i>15-E-12693</i>

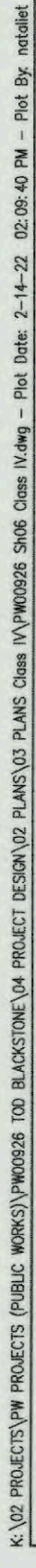


SCALE 1"=30'



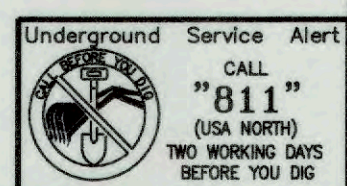
DATE

REVIEWED:	<i>AD</i>	CITY ENG.	<i>ap</i>
OFFICE ENG.			
DR. BY: _____	NT	SHEET NO. _____	10
CH. BY: _____		OF _____	13 SHEETS
DATE: _____			
SCALE: _____	AS NOTED		15-E-12695



SCALE 1"=30'

0 30 60



STEVE DELSID, R.C.E. 2/15/22 DATE

PW FILE NO.	12691
PROJ. ID.	PW00926
FUND NO.	22056
ORG. NO.	189901

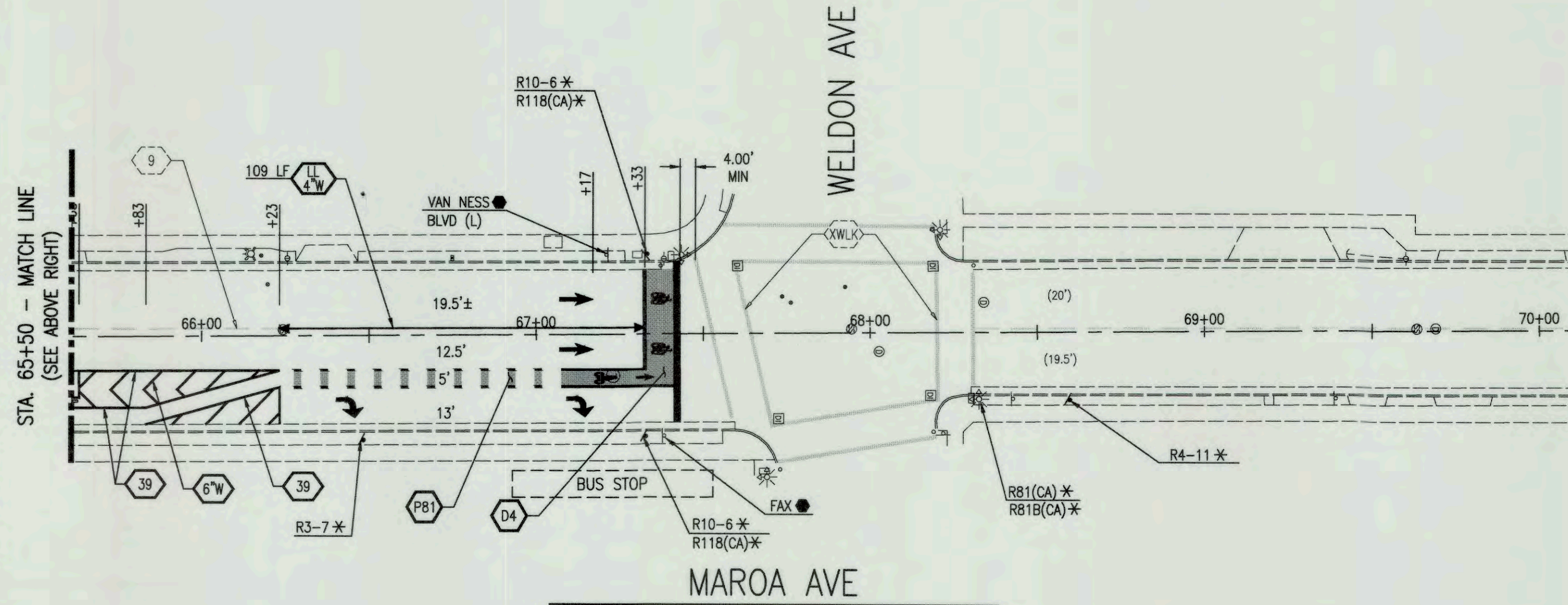
CITY OF FRESNO	
FULTON, WISHON, AND VAN NESS CLASS IV BIKE WAY	
CLASS IV SIGNAGE AND STRIPING VAN NESS AVE	

DEPARTMENT OF PUBLIC WORKS	
REVIEWED:	<i>AD</i>
OFFICE ENG.	CITY ENG. <i>ADP</i>
DR. BY: _____ NT	SHEET NO. <i>11</i>
CH. BY: _____	OF <i>13</i> SHEETS
DATE: _____	
SCALE: AS NOTED	15-E-12696

5	1	PW00926 - TOD BLACKSTONE
---	---	--------------------------

STA. 55+00 - MATCH LINE
(SEE SHEET 10)

STA. 65+50 - MATCH LINE
(SEE ABOVE RIGHT)



VAN NESS AVE / MAROA AVE

MAROA AVE

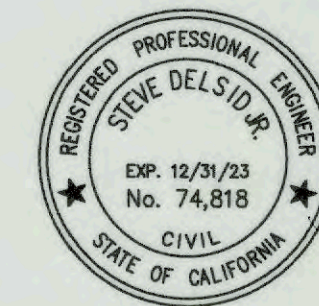
NORMAL AVE

STA. 65+50 - MATCH LINE
(SEE BELOW LEFT)

LEGEND AND SYMBOLS:

- | | |
|--|---|
| <p>XX PROPOSED STRIPING NUMBER PER CALTRANS STANDARD PLANS UNLESS OTHERWISE NOTED.</p> <p>XX EXISTING STRIPING NUMBER PER CALTRANS STANDARD PLANS UNLESS OTHERWISE NOTED.</p> <p>XWK INSTALL 12" WIDE THERMOPLASTIC CROSSWALK STRIPES AS SHOWN. CROSSWALK WIDTH SHALL BE 11 FT CENTER TO CENTER OF STRIPES, COLOR WHITE OR AS INDICATED ON PLAN PER CALTRANS STD A24F.</p> <p>W INSTALL #1" OR #1/2" WIDE WHITE THERMOPLASTIC LEAD LINE</p> <p>6"W 6" WIDE WHITE STRIPING ANGLED @ 45°, SPACING SHALL BE 10' O.C.</p> <p>EXISTING SIGN</p> <p>PROPOSED SINGLE POST ROADSIDE SIGN. INSTALL SIGN ON LIGHT POST IF SHOWN.</p> <p>INSTALL THERMOPLASTIC TYPE I WHITE ARROW CENTERED IN LANE AS SHOWN PER CALTRANS STANDARD PLAN A24A.</p> <p>INSTALL THERMOPLASTIC TYPE IV (L OR R) WHITE ARROW CENTERED IN LANE AS SHOWN PER CALTRANS STANDARD PLAN A24A.</p> <p>INSTALL THERMOPLASTIC TYPE VII WHITE ARROW CENTERED IN LANE AS SHOWN PER CALTRANS STANDARD PLAN A24A.</p> <p>BIKE LANE SYMBOL AND ARROW PER CALTRANS A24C AND A24A</p> <p>ONLY BUS</p> <p>INSTALL THERMOPLASTIC WHITE LETTERING PER CALTRANS STANDARD PLAN A24D.</p> | <p>D# INSTALL PAVEMENT MARKINGS PER CORRESPONDING DETAIL NUMBER ON SHEET 6</p> <p>P81 INSTALL PAVEMENT MARKINGS PER CITY STANDARD DRAWING P-81A</p> <p>LIMIT OF PAVEMENT DELINEATION</p> <p>INSTALL ROADSIDE SIGN</p> <p>EXISTING SIGN TO BE RELOCATED</p> <p>EXISTING SIGN TO REMAIN</p> <p>EXISTING SIGN SHALL BE REMOVED AND SALVAGED</p> <p>METHYL METHACRYLATE (MMA)-GREEN PER DETAIL 2 ON SHEET 6</p> <p>FLEXIBLE DELINEATOR POST PER DETAIL 1 ON SHEET 6</p> <p>ANGLE POINT LOCATIONS</p> <p>BC, EC, AND PRC LOCATIONS</p> <p>BC BEGIN CURVE</p> <p>EC END CURVE</p> <p>PRC POINT OF REVERSE CURVE</p> |
|--|---|

SCALE 1"=30'



STEVE DELSID, R.C.E.

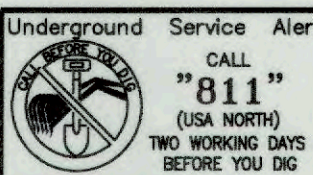
PW FILE NO. 12691
PROJ. ID. F000022
FUND NO. 22056
ORG. NO. 18901

REV. & REV.
REF&REV

DATE

CITY OF FRESNO
FULTON, WISHON, AND VAN NESS
CLASS IV BIKE WAY
CLASS IV SIGNAGE AND STRIPING
VAN NESS AVE

DEPARTMENT OF PUBLIC WORKS
REVIEWED: OFFICE ENG. RD CITY ENG. JCS
DR. BY: NT SHEET NO. 12
CH. BY: OF 13 SHEETS
DATE: AS NOTED
SCALE: 15-E-12697

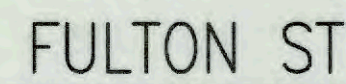


PW00926 - 100 BLACKSTONE

	INSTALL CIRCULAR LOOP DETECTOR (TYPE "E")
	INSTALL TYPE "D" LOOP DETECTOR WITH BIKE SYMBOL
	INSTALL TYPE "D" LOOP DETECTOR
	EXISTING TYPE "E" LOOP DETECTOR TO REMAIN
	EXISTING TYPE "D" LOOP DETECTOR TO REMAIN
	CONNECT LOOP DETECTOR(S) TO DLC(S) IN PULL BOX

FOR TRAFFIC SIGNAL WORK:

- THE APS ICCU-C (INTELLIGENT CENTRAL CONTROL UNIT) SHALL BE SUPPLIED AND BE PLACED IN CABINET INPUT FILE 1-12/1-13 WITH THE CARD EDGE PLUGGED INTO 1-13. THE POWER SUPPLY PIGTAIL SHALL BE CUT TO LENGTH TO ELIMINATE EXCESS CABLE, WITH POWER OBTAINED FROM THE PDA T1 TERMINAL STRIP, TERMINALS 1, 3 & 5. CONTRACTOR SHALL PROVIDE TSSL THE LATEST MEANS OF PROGRAMMING THE APS SYSTEM, AND DIGITAL COPIES OF AUDIO FILES.



F:\02 PROJECTS\FW PROJECTS (PUBLIC WORKS)\FW00926 TOD BLACKSTONE\04 PROJECT DESIGN\02 PLANS\03 PLANS Class\FW00926 Sh13 Detectors Detail.dwg -- Plot Date: 2-14-23 02:07:40 PM -- Plot By: notalstet



STEVE DELSID, R.C.E.

PW FILE NO.	1269
PROJ. ID.	PW00928
FUND NO.	22056
ORG. NO.	18990

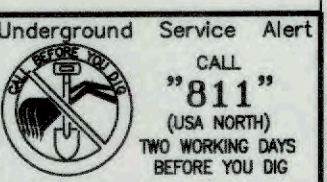
REF. & REV
REF&REV

14

CITY OF FRESNO

FULTON, WISHON, AND VAN NESS
CLASS IV BIKE WAY

CLASS IV SIGNAGE AND STRIPING
DETECTOR DETAIL



REVIEWED: AD CITY ENG. AD
OFFICE ENG. _____
DR. BY: _____ NT SHEET NO. 13
CH. BY: _____ OF 13 SHEETS
DATE: _____
SCALE: _____ 1" = 35.30'

PW00926 - TOP BLACKSTONE