

CITY OF CHICO PUBLIC WORKS DEPARTMENT

CHICO, CALIFORNIA

PLANS FOR THE CONSTRUCTION OF :

MERIAM PARK – NOTRE DAME BRIDGE PROJECT NO. 308–000–8800/50453–308–4150

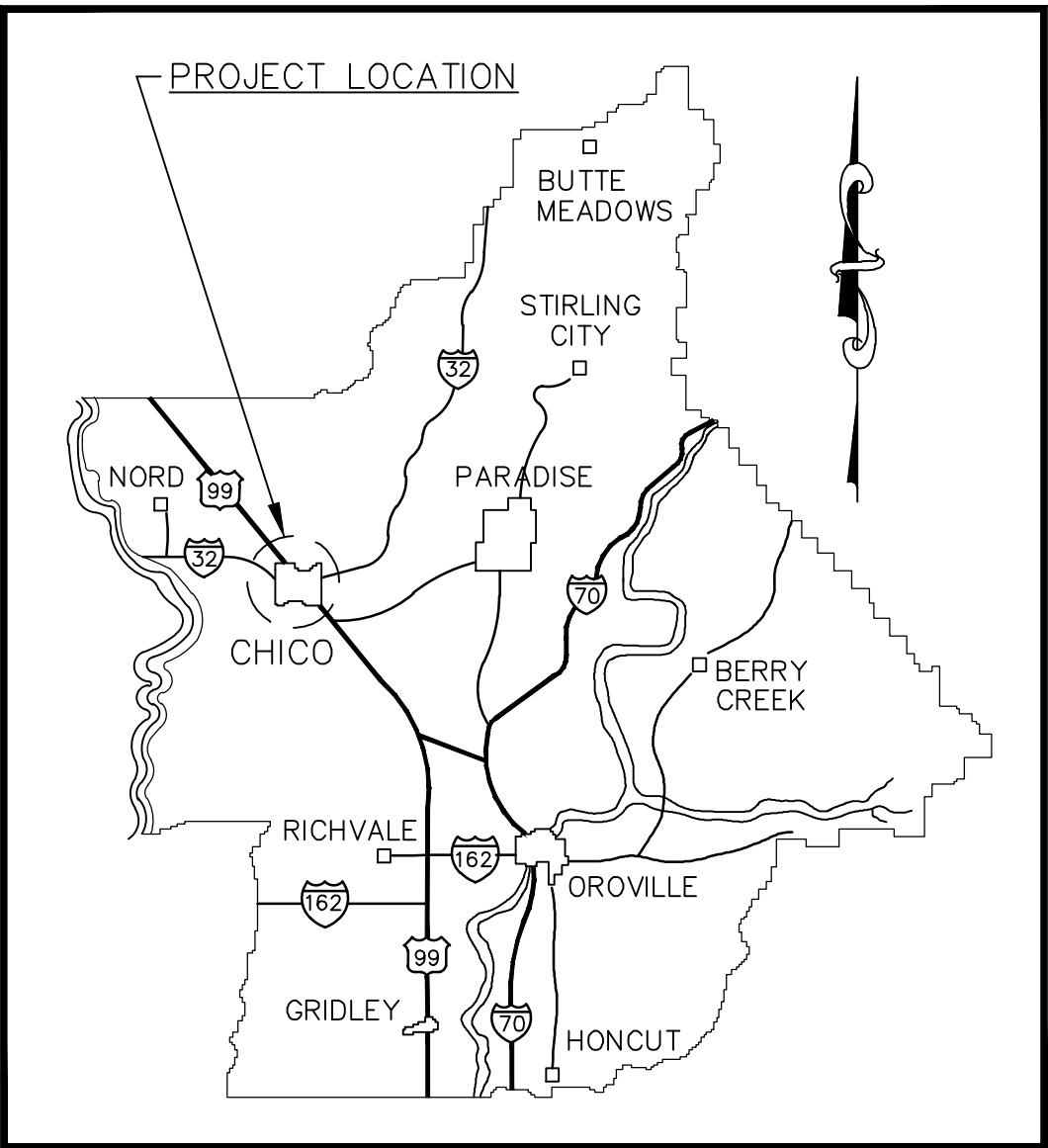
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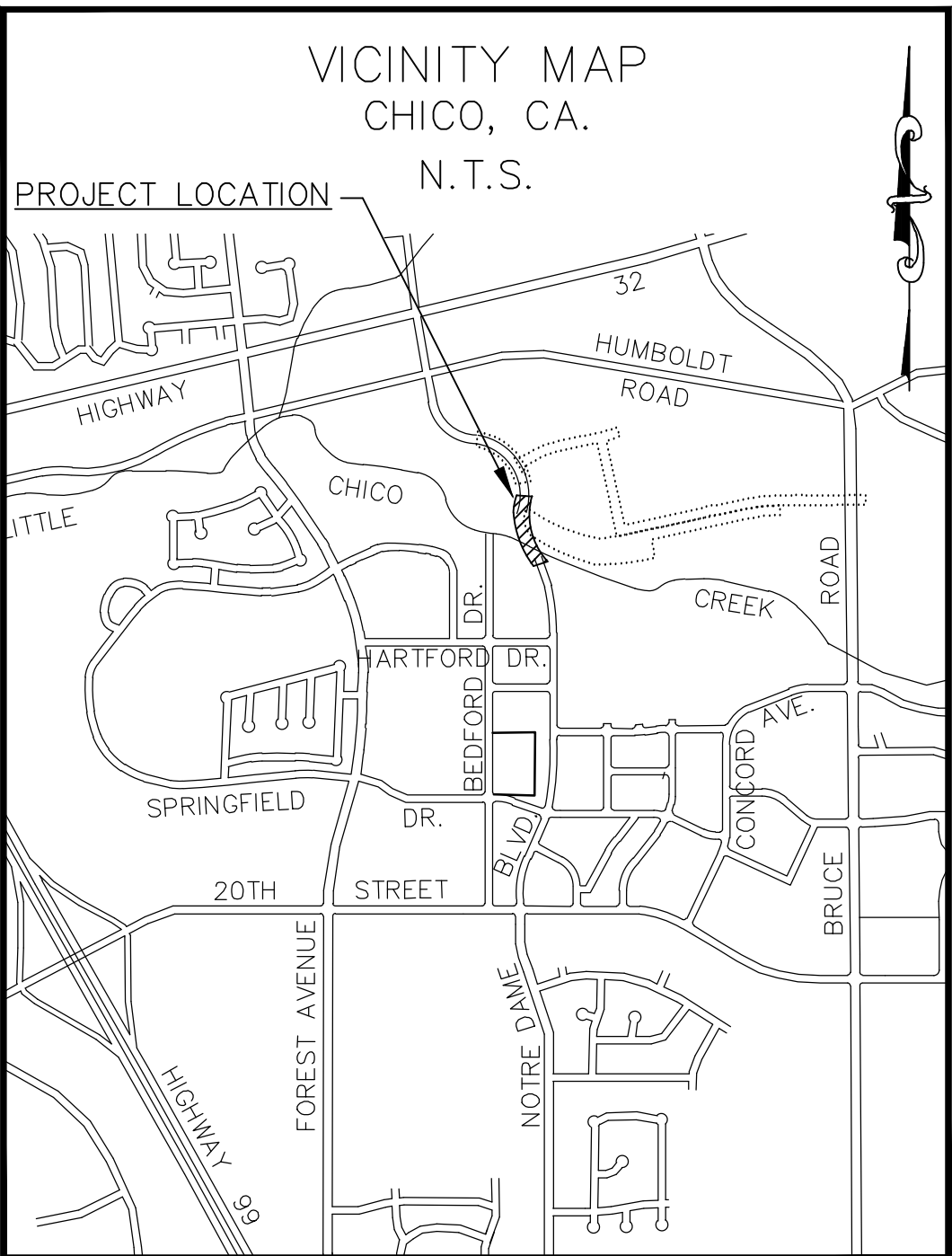
APPLICABLE STANDARD PLANS :

CITY OF CHICO:

PCC SIDEWALK DETAILS	STD. S–1
PCC CURB AND GUTTER	STD. S–2
STREET NAME SIGN DETAILS	STD. S–16
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STREET LIGHTS POLE AND MAST ARM DETAILS	STD. SL–1
STAMPED CONCRETE BULLNOSE AND MOW BAND	STD. LS–26



KEY MAP
OF
BUTTE COUNTY



LOCATION MAP

LEGEND	
	STREET LIGHT W/ CIRCUIT #
	EXISTING FIRE HYDRANT
	EXISTING WATER VALVE
	ROADSIDE SIGN (CITY STD. S–16)
	EXISTING UTILITY POLE
	SURVEY CONTROL POINT
	CITY STD. STREET LIGHT BOX
	EXISTING FLAT GRATE DRAIN INLET
	EXISTING CITY STD. S–7 DRAIN INLET
	RIGHT–OF–WAY
	GRADING FLOWLINE
	CATCH LINE
	GRADE BREAK
	PROPOSED CURB AND GUTTER PER CITY STD. S–2
	PROPOSED ASPHALT CONCRETE ROADWAY PER STREET SECTION DETAIL (C/7 & E/7)
	PROPOSED ASPHALT CONCRETE BICYCLE PATH PER CITY STD. S–18E AND BICYCLE PATH DETAIL (A/7)
	PROPOSED CONCRETE BICYCLE PATH SECTION PER DETAIL (B/7)
	PROPOSED DECORATIVE MEDIAN CONCRETE PER CITY STD. LS–26 (G/7)
	PROPOSED CONCRETE SIDEWALK PER CITY STD. S–1
	EXISTING FENCE
	EXISTING EDGE OF PAVEMENT
	EX. CONCRETE CURB AND GUTTER
	EXISTING WATER MAIN
	EXISTING OVERHEAD UTILITY LINE
	EXISTING JOINT UTILITY LINES
	EXISTING STORM DRAIN
	EXISTING SANITARY SEWER
	JOINT TRENCH (BY OTHERS)
	PROPOSED STREET LIGHT CONDUIT
	OG MAJOR CONTOUR
	OG MINOR CONTOUR
	FG MAJOR CONTOUR
	FG MINOR CONTOUR
	PROPOSED FINISHED GRADE ELEVATION, PER NOTE
	RADIUS DIMENSION: CURB: TO FACE OF CURB
	RADIUS DIMENSION: SIDEWALK: TO BACK OF WALK
	REMOVE EXISTING TREE

ABBREVIATIONS

AGGREGATE BASE	AB	MINIMUM	MIN
ASPHALT CONCRETE	AC	MID POINT	MP
BEGIN CURVE	BC	MID POINT ON CURVE	MPOC
BUILDING SETBACK LINE	BSL	NOT TO SCALE	NTS
BACK OF SIDEWALK	BSW	ORIGINAL GROUND	OG
BEGIN VERTICAL CURVE	BVC	OVERHEAD ELECTRIC	OHE
CURVE #	C	OFFSET	OS
CABLE TELEVISION	CATV	PROPERTY CORNER	PC
CATCH BASIN	CB	PORTLAND CEMENT CONCRETE	PCC
COMPOUND CURVE	CC	PHASE NUMBER	PH
CURB AND GUTTER	CG	POINT OF INTERSECTION	PI
CENTERLINE	CL	PROPERTY LINE	PL
CORRUGATED METAL PIPE	CMP	POWER POLE	PP
CONCRETE MASONRY UNIT	CMU	POINT OF REVERSE CURVATURE	PRC
CLEAN OUT	CO	PUBLIC STORM DRAIN EASEMENT	PSDE
CUBIC YARDS	CU	PUBLIC SANITARY SEWER EASEMENT	PSSE
DRAIN INLET	DI	POINT OF TANGENCY	PT
ELECTRIC	E	PUBLIC UTILITY EASEMENT	PUE
END CURVE	EC	POLYVINYLCHLORIDE	PVC
EXISTING GROUND	EG	POINT OF VERTICAL INTERSECTION	PVI
ELEVATION	ELEV	RADIUS	R
EDGE OF PAVEMENT	EP	REINFORCED CONCRETE PIPE	RCP
END VERTICAL CURVE	EVC	RELATIVE DENSITY	RD
EXISTING	EX	RETURN	RET
FINISH FLOOR	FF	RIGHT–OF–WAY	ROW
FINISH GRADE	FG	RIGHT	RT
FIRE HYDRANT	FH	SLOPE	S
FLOWLINE	FL	STORM DRAIN	SD
FACE OF CURB	FOC	STORM DRAIN MAINTENANCE HOLE	SDMH
FEET	FT	SERVICE	SERV
GAS	G	SUB GRADE	SG
GAUGE	GA	SANITARY SEWER	SS
GRADE BREAK	GB	SANITARY SEWER MAINTENANCE HOLE	SSMH
GAS METER	GM	STATION	STA
HANDICAP RAMP	HCRAMP	STANDARD	STD
HIGH DENSITY POLYETHYLENE	HDPE	SIDEWALK	SW
INVERT ELEVATION	IE	TRANSFORMER	T
JOINT POLE	JP	TOP BACK OF CURB	TBC
JOINT TRENCH	JT	TOP OF CURB	TC
LINE #	L	TELEPHONE	TEL
LATERAL	LAT	TOE OF SLOPE	TOE
LINEAR FEET	LF	TOP OF SLOPE	TOP
UP OF GUTTER	LIP	TOP OF WALL	TW
LOT LINE	LL	TYPICAL	TYP
LEFT	LT	VITRIFIED CLAY PIPE	VCP
MAXIMUM	MAX	VALLEY GUTTER	VG
MAXIMUM DRY DENSITY	MDD	WATER	W
MAINTENANCE HOLE	MH	WATER METER	WM
		YARDS	YDS

PREPARED BY OR UNDER THE SUPERVISION OF:

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R.C.E. No. 68511

APPROVED BY:

LEIGH ANN SUTTON, P.E. 79978
PUBLIC WORKS DIRECTOR – ENGINEERING
CITY OF CHICO, CALIFORNIA
DATE: _____

Drawing Path: S:\Projects\CIVIL\2015\15–235 Meriam Park DG\dwg\Notre Dame Bridge\15–235–B_MP_BRIDGE.dwg – 1–Title, Wed, Feb 9 2022 – 4:12:33pm, csemons



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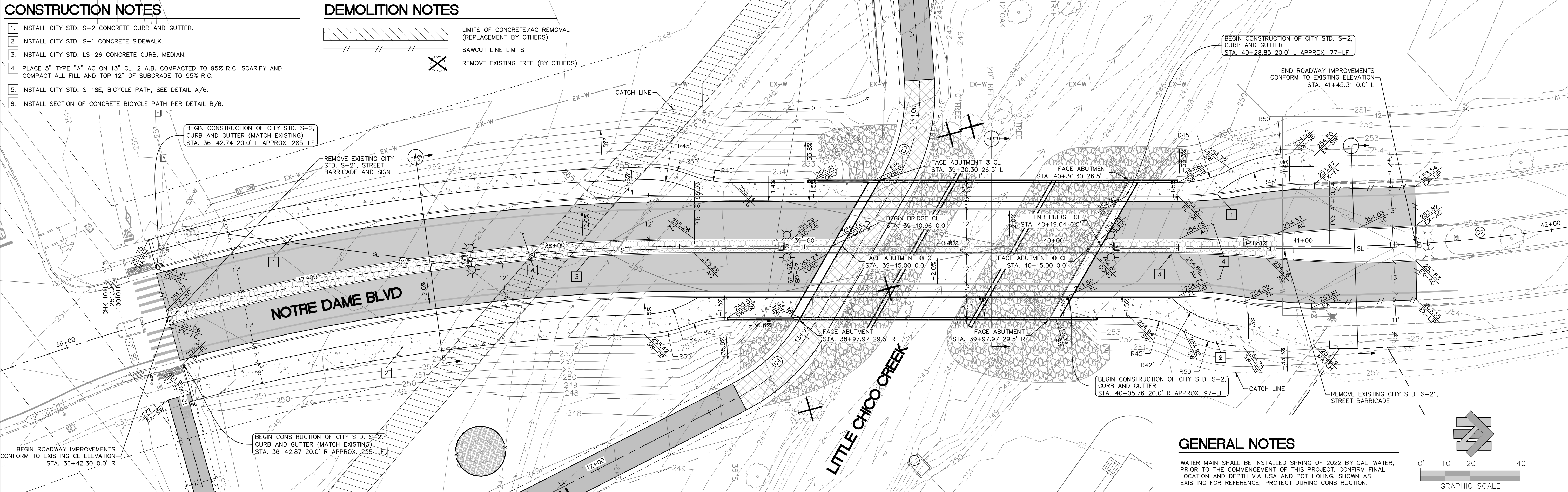
Project Number: 15-235	Drawing Number C1
Scale: 1" = 20'	Sheet <u>2</u> of <u>7</u>

CONSTRUCTION NOTES

1. INSTALL CITY STD. S-2 CONCRETE CURB AND GUTTER.
2. INSTALL CITY STD. S-1 CONCRETE SIDEWALK.
3. INSTALL CITY STD. LS-26 CONCRETE CURB, MEDIAN.
4. PLACE 5" TYPE "A" AC ON 13" CL. 2 A.B. COMPACTED TO 95% R.C. SCARIFY AND COMPACT ALL FILL AND TOP 12" OF SUBGRADE TO 95% R.C.
5. INSTALL CITY STD. S-18E, BICYCLE PATH, SEE DETAIL A/6.
6. INSTALL SECTION OF CONCRETE BICYCLE PATH PER DETAIL B/6.

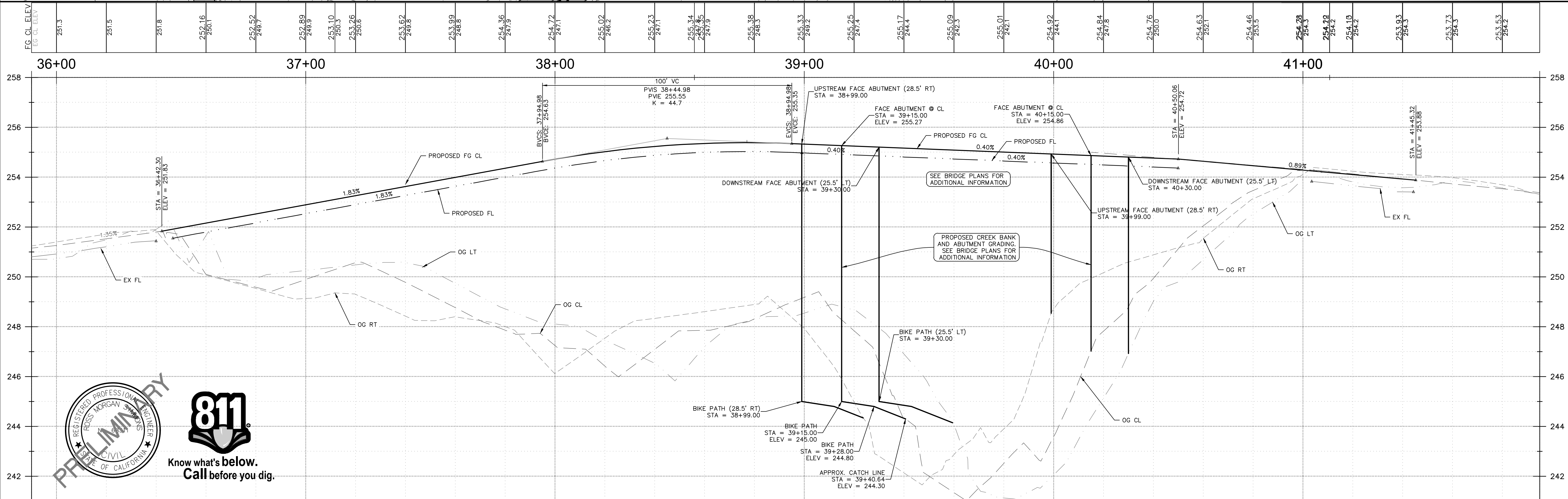
DEMOLITION NOTES

- LIMITS OF CONCRETE/AC REMOVAL
(REPLACEMENT BY OTHERS)
- SAWCUT LINE LIMITS
- REMOVE EXISTING TREE (BY OTHERS)



GENERAL NOTES

WATER MAIN SHALL BE INSTALLED SPRING OF 2022 BY CAL-WATER, PRIOR TO THE COMMENCEMENT OF THIS PROJECT. CONFIRM FINAL LOCATION AND DEPTH VIA USA AND POT HOLING. SHOWN AS EXISTING FOR REFERENCE; PROTECT DURING CONSTRUCTION.



Designed: RMS	Approved:	Revision	Date	By
Drawn By: ECZ	Date: 10-15-2021			
Checked: -				

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NORTHSTAR

Designing Solutions

111 MISSION RANCH BLVD, SUITE 100, CHICO, CA 95926

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NOTRE DAME BLVD. BRIDGE - CITY OF CHICO

PLAN AND PROFILE - NOTRE DAME BLVD. BRIDGE

Project Number:
15-235

Scale:
1"= 20'

Drawing Number
PP1

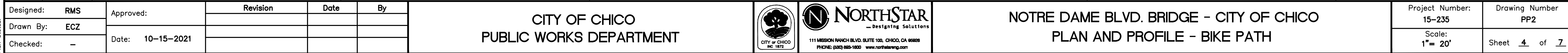
Sheet 3 of 7

Title: NOTRE DAME BLVD. BRIDGE - CITY OF CHICO - MERIAM PARK NORTH

Drawing Number
PP1

Plan Status:
☐ Conceptual,
☐ Approved Final,
☐ Record

Drawing Path: S:\Projects\Civil\2015\15-235 Meriam Park DOG.dwg
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3-PP-MD, Wed, Feb 9 2022 - 4:13:03pm, csearns



Plan Status: ☐ Conceptual, ☐ Approved Final, ☐ Record Drawing Path: S:\Projects\Civil\2015\15-235 Meriam Park DOB.dwg\Notre Dame Bridge\15-235-B_MP BRIDGE.dwg - 5-PP-BIKE-2, Wed, Feb 9, 2022 - 4:13:32pm, csemons



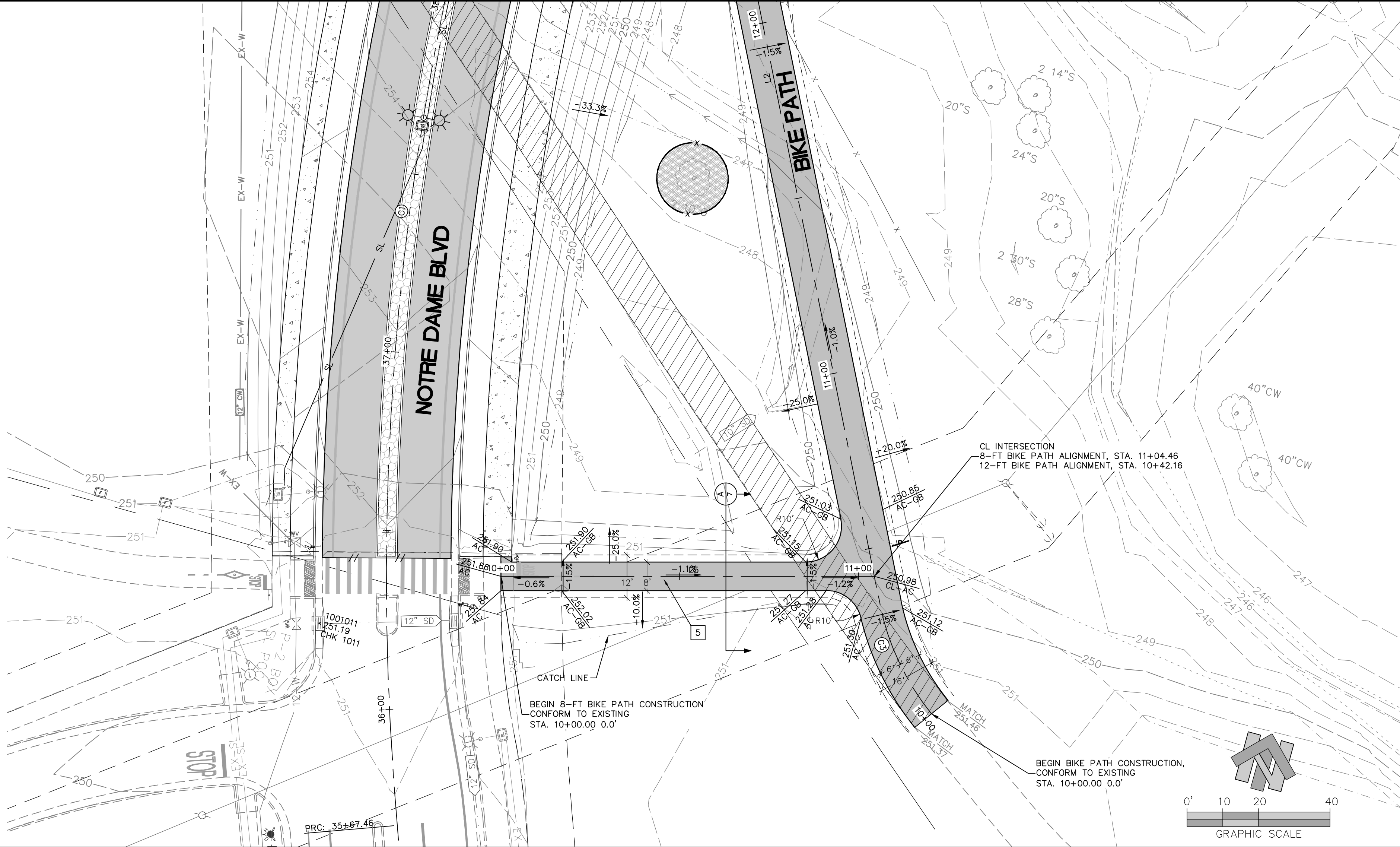
Designed:	RMS	Approved:		Revision	Date	By
Drawn By:	ECZ	Date:	10-15-2021			
Checked:	-					

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PUBLIC WORKS DEPARTMENT



NOTRE DAME BLVD. BRIDGE - CITY OF CHICO
PLAN AND PROFILE - BIKE PATH

Project Number:	15-235	Drawing Number	PP3
Scale:	1"= 20'	Sheet	5 of 7

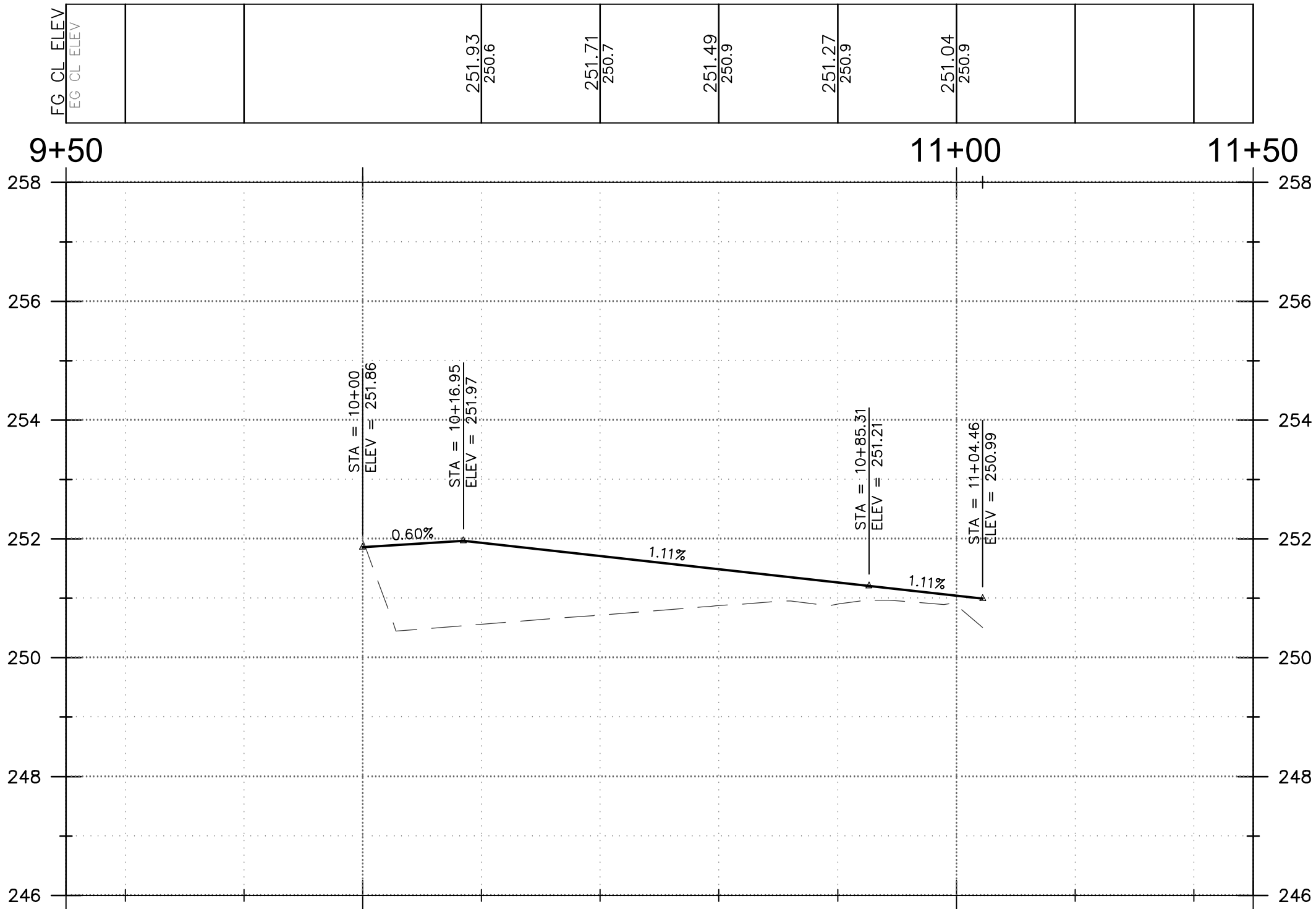


CONSTRUCTION NOTES

1. INSTALL CITY STD. S-2 CONCRETE CURB AND GUTTER.
2. INSTALL CITY STD. S-1 CONCRETE SIDEWALK.
3. INSTALL CITY STD. LS-26 CONCRETE CURB, MEDIAN.
4. PLACE 5" TYPE "A" AC ON 13" CL. 2 A.B. COMPACTED TO 95% R.C. SCARIFY AND COMPACT ALL FILL AND TOP 12" OF SUBGRADE TO 95% R.C.
5. INSTALL CITY STD. S-18E, BICYCLE PATH, SEE DETAIL A/6.
6. INSTALL SECTION OF CONCRETE BICYCLE PATH PER DETAIL B/6.

DEMOLITION NOTES

- LIMITS OF CONCRETE/AC REMOVAL (REPLACEMENT BY OTHERS)
- SAWCUT LINE LIMITS
- REMOVE EXISTING TREE (BY OTHERS)



SIGNING AND STRIPING NOTES

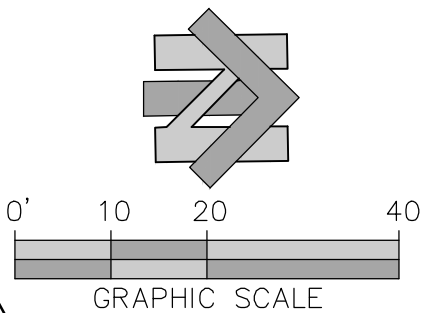
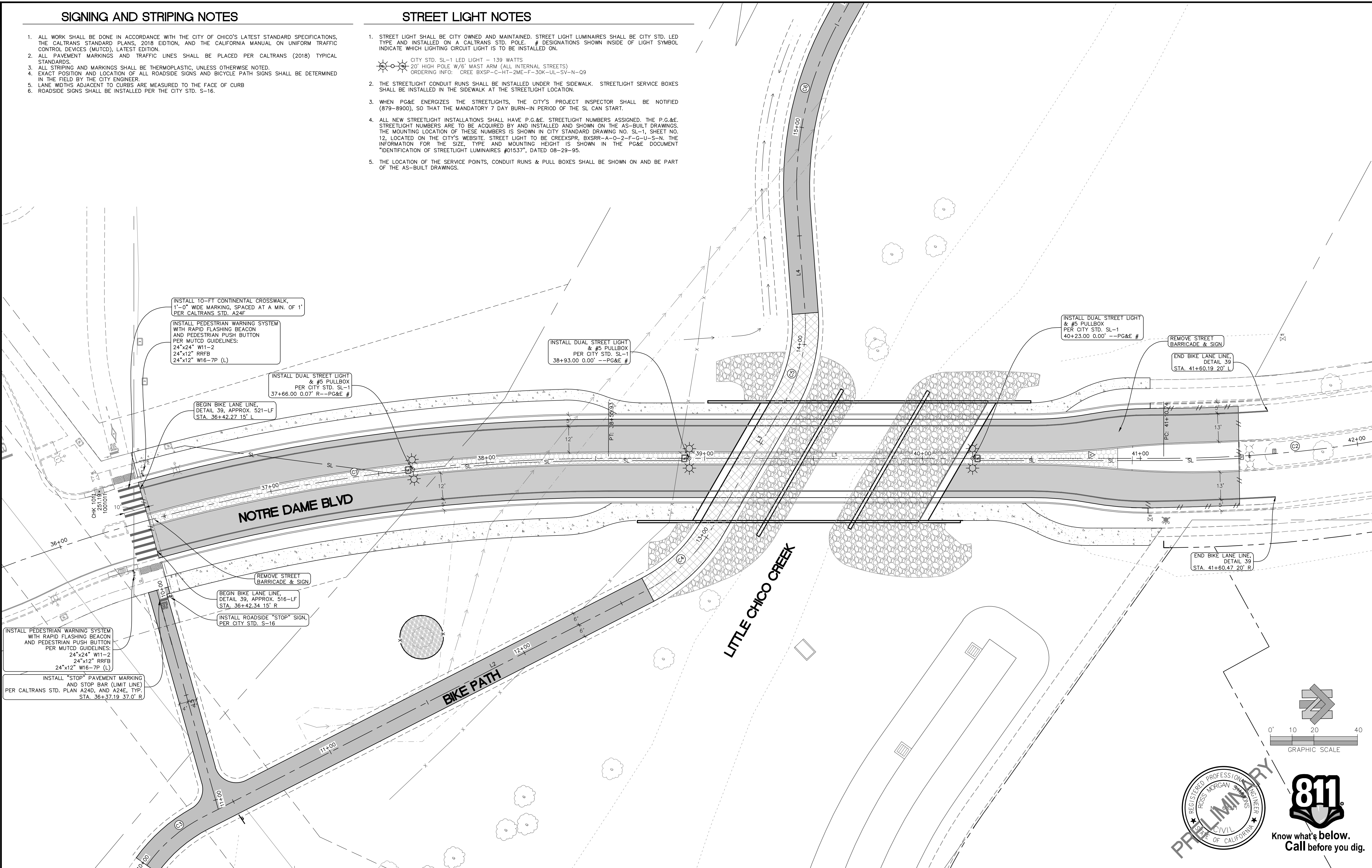
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF CHICO'S LATEST STANDARD SPECIFICATIONS, THE CALTRANS STANDARD PLANS, 2018 EDITION, AND THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
2. ALL PAVEMENT MARKINGS AND TRAFFIC LINES SHALL BE PLACED PER CALTRANS (2018) TYPICAL STANDARDS.
3. ALL STRIPING AND MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
4. EXACT POSITION AND LOCATION OF ALL ROADSIDE SIGNS AND BICYCLE PATH SIGNS SHALL BE DETERMINED IN THE FIELD BY THE CITY ENGINEER.
5. LANE WIDTHS ADJACENT TO CURBS ARE MEASURED TO THE FACE OF CURB
6. ROADSIDE SIGNS SHALL BE INSTALLED PER THE CITY STD. S-16.

STREET LIGHT NOTES

1. STREET LIGHT SHALL BE CITY OWNED AND MAINTAINED. STREET LIGHT LUMINAIRES SHALL BE CITY STD. LED TYPE AND INSTALLED ON A CALTRANS STD. POLE. # DESIGNATIONS SHOWN INSIDE OF LIGHT SYMBOL INDICATE WHICH LIGHTING CIRCUIT LIGHT IS TO BE INSTALLED ON.

CITY STD. SL-1 LED LIGHT - 139 WATTS
20' HIGH POLE W/6' MAST ARM (ALL INTERNAL STREETS)
ORDERING INFO: CREE BXSP-C-HT-2ME-F-30K-UL-SV-N-Q9
2. THE STREETLIGHT CONDUIT RUNS SHALL BE INSTALLED UNDER THE SIDEWALK. STREETLIGHT SERVICE BOXES SHALL BE INSTALLED IN THE SIDEWALK AT THE STREETLIGHT LOCATION.
3. WHEN PG&E ENERGIZES THE STREETLIGHTS, THE CITY'S PROJECT INSPECTOR SHALL BE NOTIFIED (879-8900), SO THAT THE MANDATORY 7 DAY BURN-IN PERIOD OF THE SL CAN START.
4. ALL NEW STREETLIGHT INSTALLATIONS SHALL HAVE P.G.&E. STREETLIGHT NUMBERS ASSIGNED. THE P.G.&E. STREETLIGHT NUMBERS ARE TO BE ACQUIRED BY AND INSTALLED AND SHOWN ON THE AS-BUILT DRAWINGS. THE MOUNTING LOCATION OF THESE NUMBERS IS SHOWN IN CITY STANDARD DRAWING NO. SL-1, SHEET NO. 12, LOCATED ON THE CITY'S WEBSITE. STREET LIGHT TO BE CREEXSPR, BXSRR-A-Q-2-F-G-U-S-N. THE INFORMATION FOR THE SIZE, TYPE AND MOUNTING HEIGHT IS SHOWN IN THE PG&E DOCUMENT "IDENTIFICATION OF STREETLIGHT LUMINAIRES #01537", DATED 08-29-95.
5. THE LOCATION OF THE SERVICE POINTS, CONDUIT RUNS & PULL BOXES SHALL BE SHOWN ON AND BE PART OF THE AS-BUILT DRAWINGS.

Plan Status: ☒ Conceptual, ☐ Approved Final, ☐ Record Drawing Path: S:\Projects\Civil\2015\15-235 Meriam Park DGA.dwg\Notre Dame Bridge\15-235-B-MP BRIDGE.dwg - 6-SS, Wed, Feb 9, 2022 - 4:13:44pm, csemons



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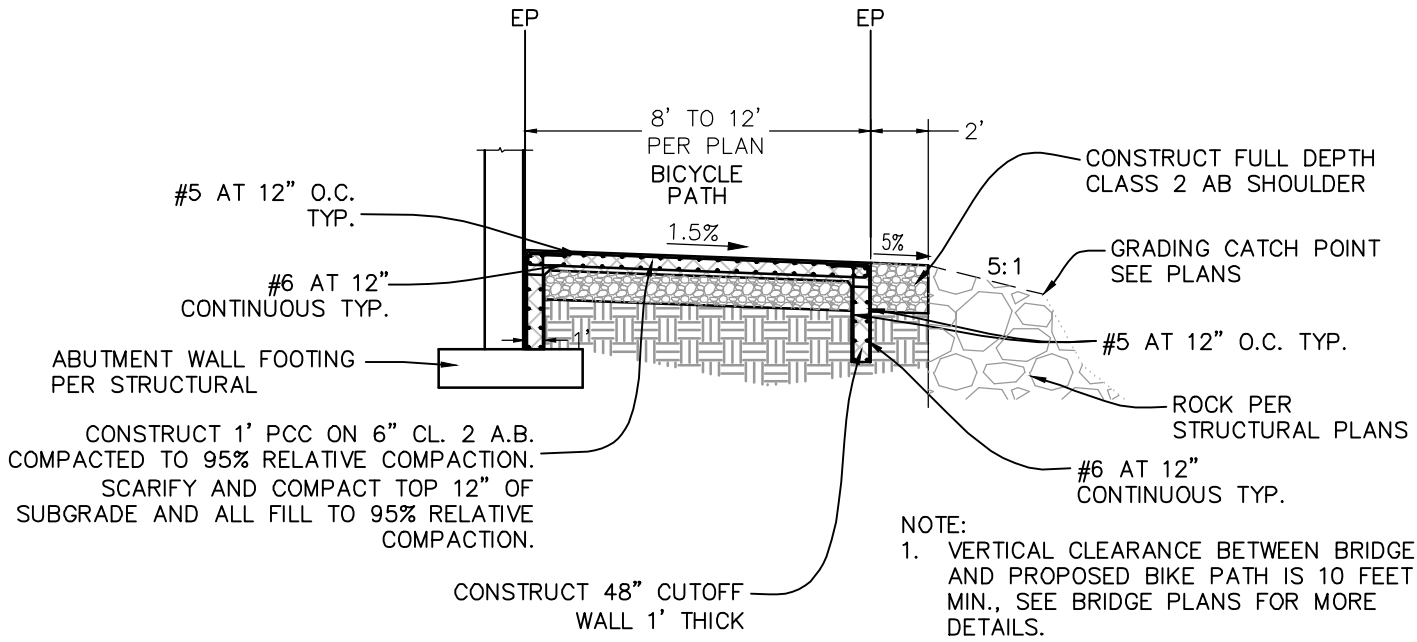
CITY OF CHICO
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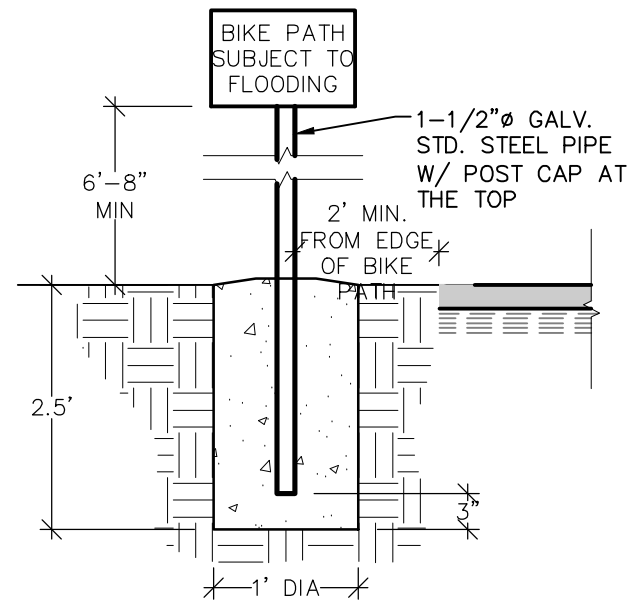
NOTRE DAME BLVD. BRIDGE - CITY OF CHICO
STRIPING AND SIGNAGE PLAN

Project Number:	15-235	Drawing Number	SS1
Scale:	1"= 20'	Sheet	6 of 7

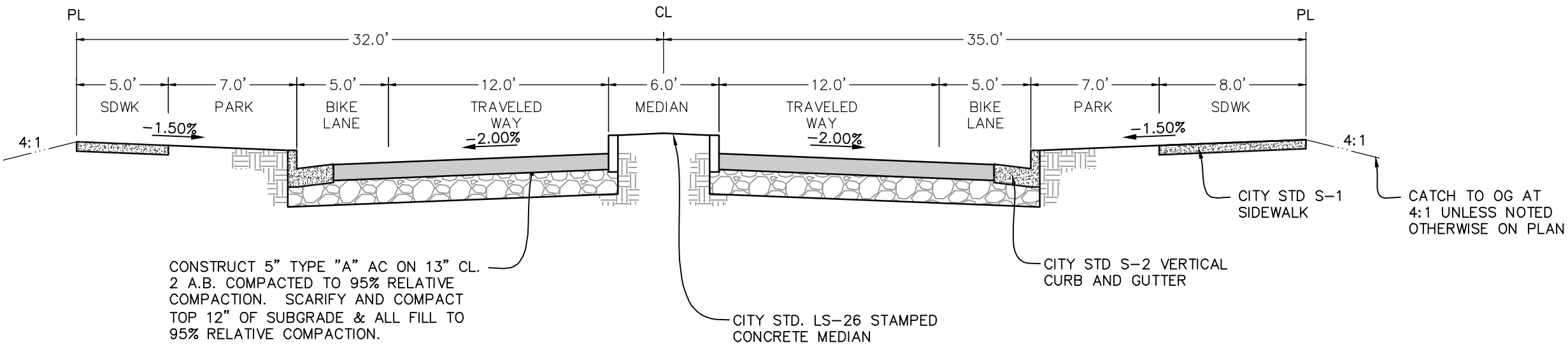
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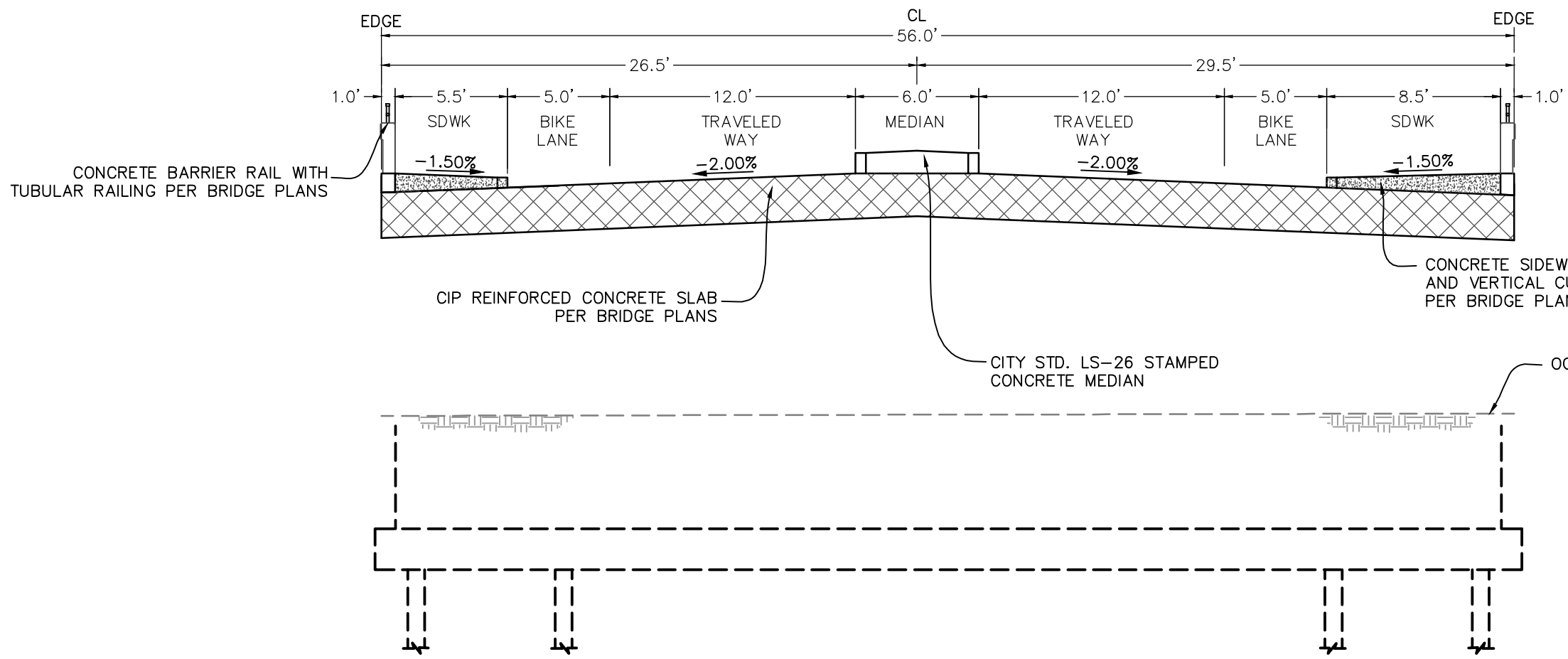
TYP. PCC BIKE PATH SECTION AT ABUTMENT



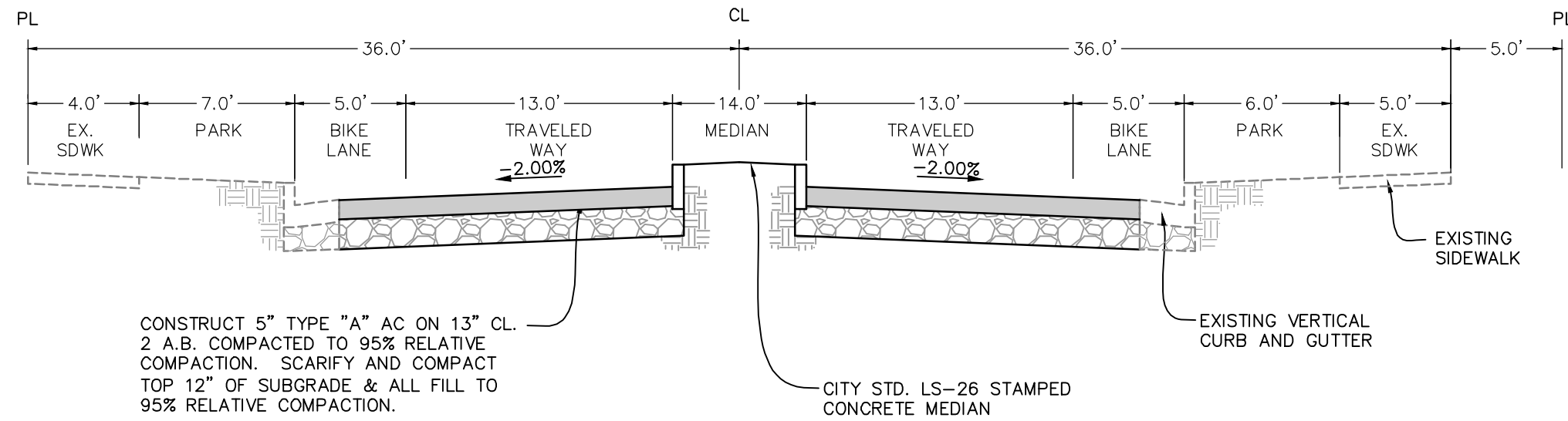
HIGH WATER SIGN AT BIKE PATH INTERSECTION



TYPICAL STREET SECTION - NOTRE DAME BLVD.



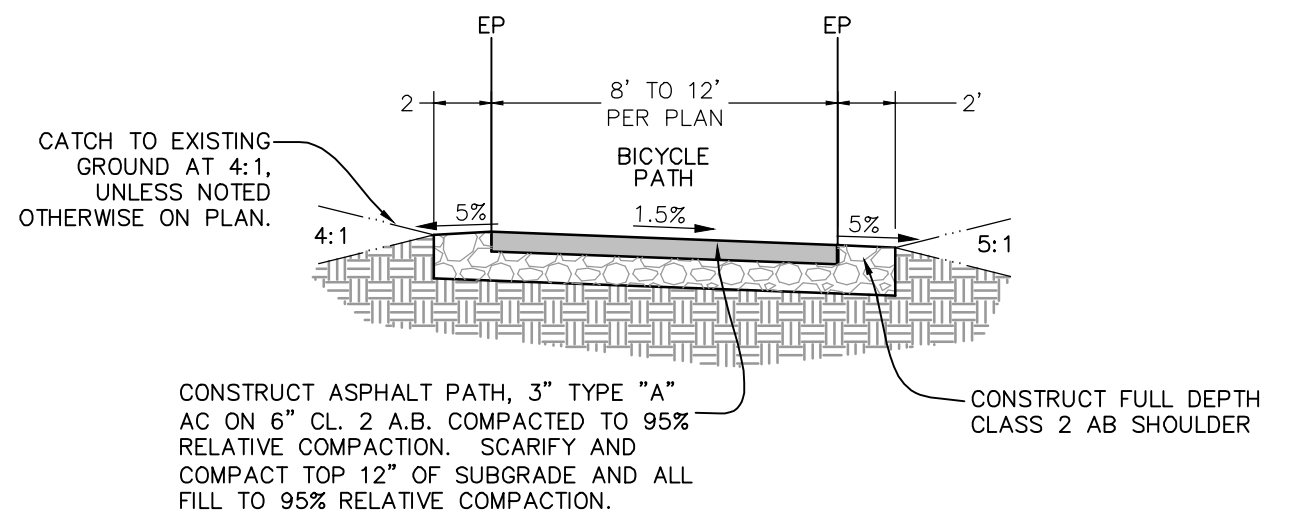
TYPICAL BRIDGE SECTION - NOTRE DAME BRIDGE



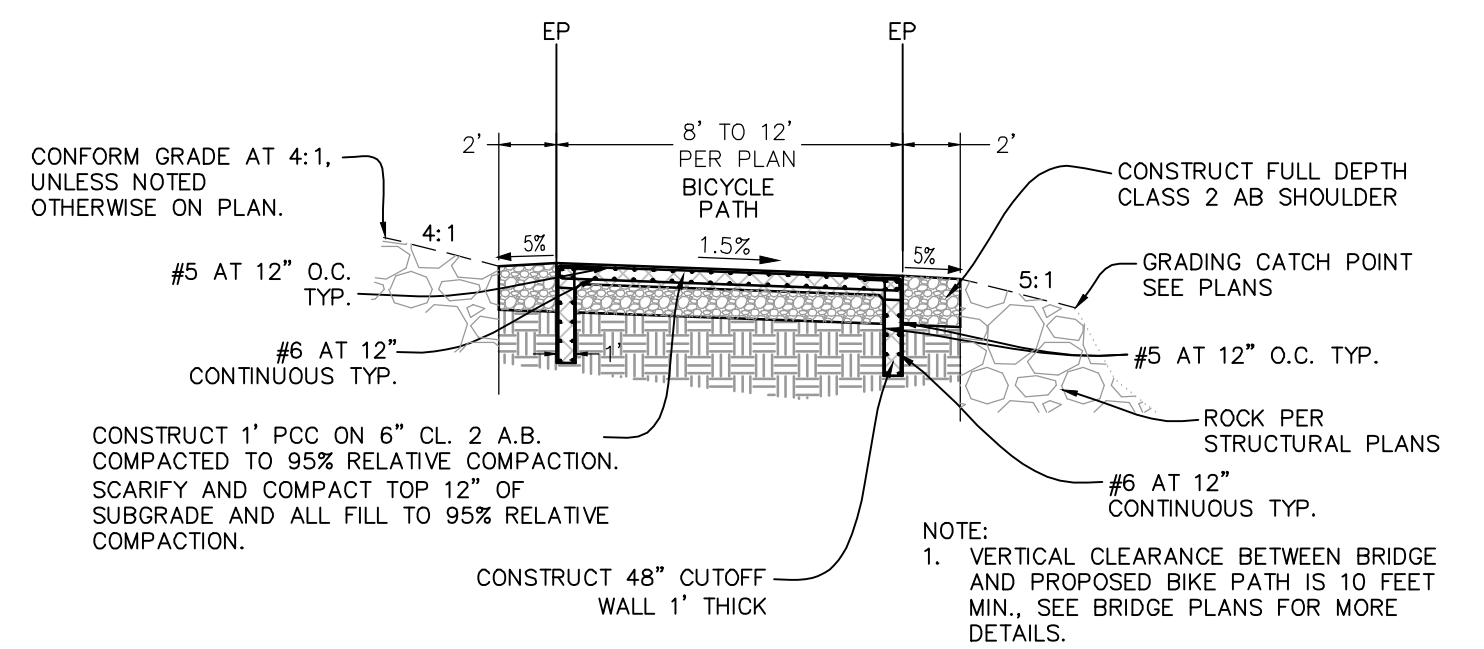
TYPICAL STREET SECTION - NOTRE DAME BLVD.

GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE CITY OF CHICO AT (530) 879-6900, 48 HOURS PRIOR TO THE INTENT TO BEGIN CONSTRUCTION.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT BUILDING CODE, THE CITY OF CHICO IMPROVEMENT STANDARDS AND SPECIFICATIONS AND APPLICABLE PORTIONS OF THE BUTTE COUNTY STANDARDS AND APPLICABLE PORTIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS DATED 2018. APPROVAL OF THE CITY ENGINEER OR THEIR AUTHORIZED REPRESENTATIVES IS REQUIRED. CONTRACTOR SHALL HAVE SIGNED PLANS IN HIS POSSESSION PRIOR TO COMMENCEMENT OF WORK. IF A DISCREPANCY BETWEEN THESE PLANS AND THE CURRENT CODE OR STANDARDS IS FOUND THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE CONTINUING WORK. BONDING AND INSURANCE IS REQUIRED BY THE CITY.
- PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES AND/OR UTILITY DISTRICTS AS TO THE LOCATION OF ALL UNDERGROUND FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND FACILITIES OR OTHER BURIED OBJECTS WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION. THE CITY OF CHICO IS NOT A MEMBER OF (USA), CONTRACTOR SHALL CALL THE CITY MUNICIPAL SERVICE CENTER AT (530) 894-4200, AT LEAST 72 HOURS IN ADVANCE OF STARTING WORK TO ALLOW FOR THE LOCATION OF ALL EXISTING CITY OWNED FACILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ANY SUCH MONUMENTS OR MARKERS DISTURBED OR DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY A LICENSED LAND SURVEYOR OR REGISTERED ENGINEER LICENSED TO PERFORM LAND SURVEYING AT THE CONTRACTOR'S EXPENSE.
- AC SURFACES TO BE JOINED SHALL BE SAWCUT TO A NEAT, STRAIGHT LINE AND THE EXPOSED EDGES SHALL BE TACKED WITH EMULSION PRIOR TO PAVING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL ESTIMATES AND QUANTITIES SHOWN ON PLANS.
- ALL STRIPING, STOP BARS, AND LEGENDS SHALL BE THERMOPLASTIC WITH ALKYD BINDER IN ACCORDANCE WITH CALTRANS STANDARDS AND SPECIFICATIONS (MINIMUM THICKNESS 80 MIL). ALL REGULATORY SIGNS SHALL BE HIGH DENSITY PRISMATIC, NO LESS THAN GRADE V. ALL STREET SIGNS SHALL CONFORM TO CITY OF CHICO STANDARD S-16.
- TRENCH SHEETING, SHORING AND BRACING SHALL BE INSTALLED FOR ANY TRENCH OR BORING AND JACKING PIT FIVE FEET OR MORE IN DEPTH. SHORING SYSTEM SHALL CONFORM TO THE LATEST EDITION OF THE STATE DIVISION OF INDUSTRIAL SAFETY CONSTRUCTION SAFETY ORDERS. SECTIONS 1539-1542 PURSUANT TO STATE ASSEMBLY BILL NO. 150 DATED OCTOBER 2, 1973 AND CAL OSHA STANDARDS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL PUBLIC STREET IN A CLEAN AND SAFE CONDITION. ALL VEHICLES SHALL BE CLEAN PRIOR TO ENTERING THE PUBLIC RIGHT OF WAY. IF DIRT OR DEBRIS IS TRACKED OR SPILLED ON PUBLIC STREETS IT SHALL BE REMOVED IMMEDIATELY.
- ALL CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE PROJECT ARE LIMITED TO THE HOURS OF 7:00AM TO 7:00PM MONDAY THROUGH FRIDAY. NO CONSTRUCTION ACTIVITIES SHALL OCCUR ON SATURDAYS, SUNDAYS OR HOLIDAYS.
- IF ANY ARCHEOLOGICAL ARTIFACTS ARE DISCOVERED OR OTHER EVIDENCE OF EARLY HISTORIC OCCUPATION, ALL WORK IN THE VICINITY OF THE DISCOVERY SHALL BE IMMEDIATELY HALTED. THE CITY OF CHICO SHALL BE NOTIFIED OF THE DISCOVERY AND A QUALIFIED ARCHEOLOGIST ALL BE RETAINED, AT THE EXPENSE OF THE PROPERTY OWNER, TO PERFORM A SITE ASSESSMENT AND TO DEVELOP MITIGATION MEASURES AS APPROPRIATE.
- ALL PAVEMENT REPLACEMENT WITHIN EXISTING ROADWAY SHALL BE CITY STANDARD S-17 TYPE "A" ALTERNATE #1.
- CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED THAT DIRECT TRAFFIC FLOW TO OFF-PEAK HOURS AS MUCH AS POSSIBLE AND TEMPORARY TRAFFIC CONTROL SHALL BE PROVIDED DURING ALL PHASES OF CONSTRUCTION TO IMPROVE TRAFFIC FLOW AS DEEMED APPROPRIATE BY THE DEPARTMENT OF PUBLIC WORKS.
- THE PROVISIONS OF THE WATER POLLUTION CONTROL PLAN SHALL BE FOLLOWED AT ALL TIMES ON THE CONSTRUCTION SITE.
- LOW OVERHEAD POWER AND TELEPHONE FACILITIES EXIST WITHIN THE PROJECT WORK AREA. THE CONTRACTOR SHALL EXERCISE EXTREME CARE TO AVOID THE OVERHEAD FACILITIES AND SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGED FACILITIES.



TYP. ASPHALT CONCRETE BIKE PATH SECTION



TYP. PCC BIKE PATH SECTION

Designed:	RMS	Approved:		Revision	Date	By
Drawn By:	ECZ	Date:	10-15-2021			
Checked:	-					

CITY OF CHICO
PUBLIC WORKS DEPARTMENT



NOTRE DAME BLVD. BRIDGE - CITY OF CHICO
GENERAL NOTES AND DETAILS

Project Number:	15-235	Drawing Number	D1
Scale:	N/A	Sheet	7 of 7