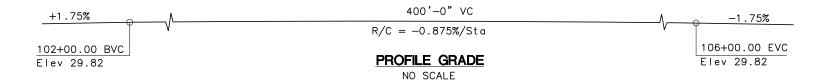
12,

12,10,



TOE OF

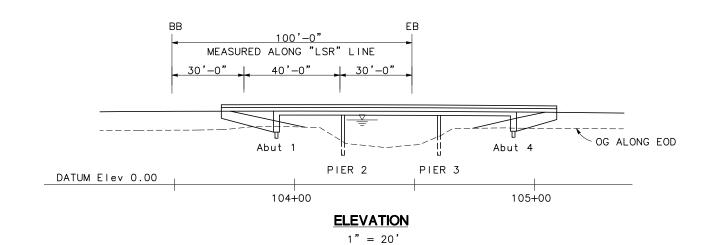
104+00/

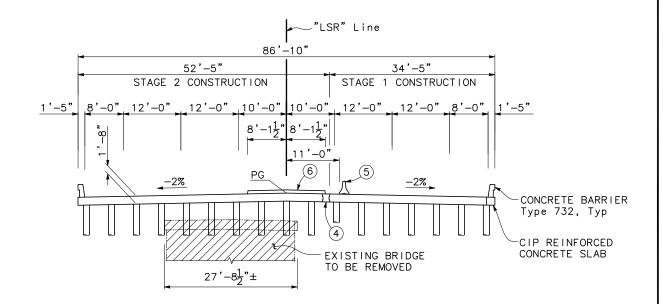
12

TOE OF

SLOPE

SLOPE





TYPICAL SECTION 1" = 10'



105+00 "LSR" Line

TO E HARNEY Ln

N00°29'26"E

-TOP OF

EB 104+48.82

Elev 31.46

TOE OF SLOPE

SLOPE

Paint "PIXLEY SLOUGH BRIDGE"

- Paint "BR. NO. 29C0442"
- Structure Approach Slab Type EQ(10)
- 1'-6" Closure Pour
- Temporary Railing (Type K)
- Raised Median
- (7)MBGR, see "ROAD PLANS"
- Access Road, see "ROAD PLANS"

For GENERAL NOTES, see "DECK CONTOURS" sheet. For HYDROLOGIC SUMMARY & PILE DATA TABLE, see

"FOUNDATION PLAN" SHEET.

LEGEND:

- Indicates Existing Structure

🖊 Indicates Bridge Removal

INDEX TO PLANS

SHEET NO.	TITLE
S1	GENERAL PLAN
S2	DECK CONTOURS
S3	FOUNDATION PLAN
S4	ABUTMENT LAYOUT
S5	ABUTMENT DETAILS
S6	PIER LAYOUT
S7	PIER DETAILS
S8	TYPICAL SECTION
S9	SLAB REINFORCEMENT
S10	SLAB REINFORCEMENT DETAILS
S11	STRUCTURE APPROACH TYPE EQ(10
S12	LOG OF TEST BORINGS 1 OF 2
S13	LOG OF TEST BORINGS 2 OF 2

75% SUBMITTAL

TOP OF SLOPE

NOT FOR CONSTRUCTION

GENERAL PLAN

CITY OF STOCKTON

APPROVED BY:

DRAWN BY: GB

CHECKED BY:

RECORD DWG:

SHEET NO. 31

S1 of S13

31 OF 43 SHEETS
PROJECT NO.

05-17

PIXLEY SLOUGH BRIDGE

Date By Aprvd. PUBLIC WORKS DEPARTMENT MARK THOMAS & COMPANY, INC. 7300 FOLSOM BOULEVARD, SUITE 203 PO-KANG CHEN BRIDGE NO.: 29C0442 No. S3112 DESIGNED BY: JP

Exp. 9/30/15 STRUCTURAL

THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

SLOPE

TO EIGHT

MILE Rd

103+00

BB 103+48.82

TOP OF

SLOPE

Elev 31.46

TOE OF SLOPE

EXISTING BRIDGE

No. 29C0137 TO

44 46 16

SKEW, Typ

(3)

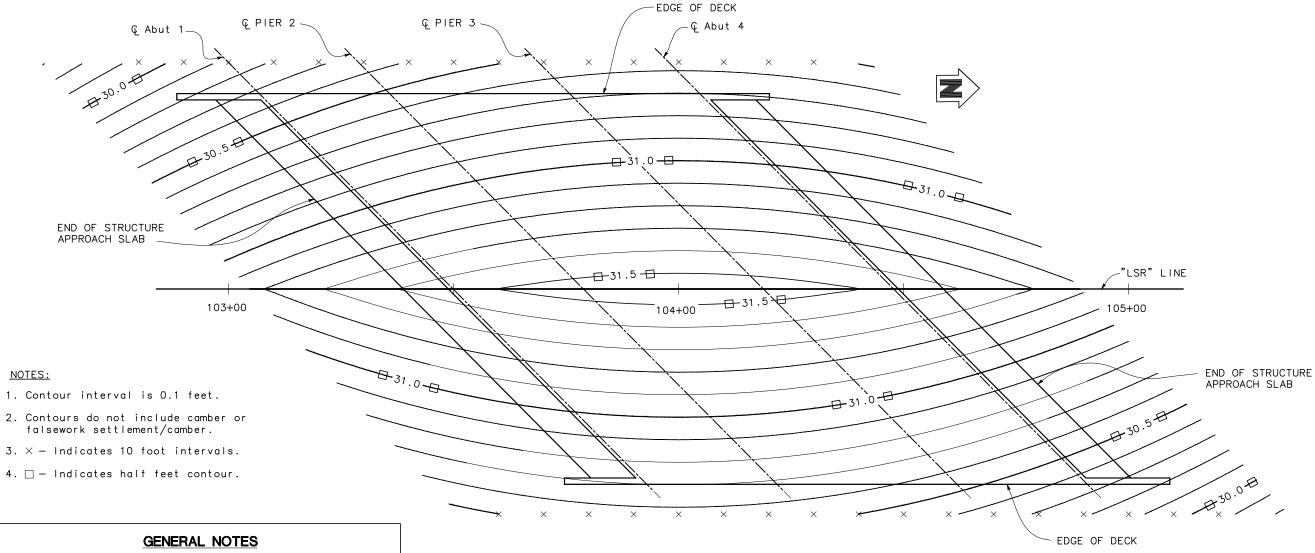
BE REMOVED

ORIGINAL SCALE IN INCHES FOR REDUCED PLAN

<u>PLAN</u> $1^{"} = 20'$

> SACRAMENTO, CALIFORNIA 95826 (916) 381-9100 FAX: (916) 381-9180

1/13/09 05/20/09 09/26/13 10/14/13 MTCO JOB NUMBER: 57-0221B



LOAD AND RESISTANCE FACTOR DESIGN

DESIGN:

AASHTO LRFD Bridge Design Specifications, 3rd edition with Interims through 2006 and the California Amendments v3.06.01

SEISMIC DESIGN:

Caltrans Seismic Design Criteria (SDC), Version 1.4 dated June 2006

DEAD LOAD:

Includes 35 psf for Future Wearing Surface

HL93 and Permit Design Load

SEISMIC LOADING:

Soil Profile Type D Magnitude group 7.25 ± 0.25 Peak Rock Acceleration 0.2g

CONCRETE:

fy = 60 ksif'c = 3.6 ksi unless otherwise noted n = 8

PILES:

See Pile Data Table on "Foundation Plan" sheet

STANDARD PLANS DATED MAY, 2006

A10A & A10B ACRONYMS AND ABBREVIATIONS A10C & A10D

LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL-BRIDGE A62C

MTCO JOB NUMBER: 57-0221B

DECK CONTOURS 3/32" = 10'

Т3 TEMPORARY RAILING (TYPE K)

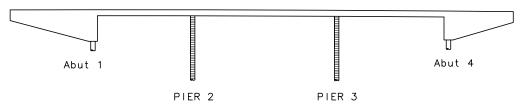
BRIDGE DETAILS B0-1 B0-3 BRIDGE DETAILS B0-5 BRIDGE DETAILS B0-13

BRIDGE DETAILS
PILE DETIALS CLASS 90 AND CLASS 140 B2-5 JOINT SEALS (MAXIMUM MOVEMENT RATING = 2") RSP B6-21

B11-55 CONCRETE BARRIER TYPE 732

01/13/09 09/26/13 10/16/13

Standard Plan Sheet No. Detail No.



☐ Structural Concrete, Bridge

■ Precast Prestressed Pile, see "PIER LAYOUT" sheet

CONCRETE STRENGTH AND TYPE LIMITS

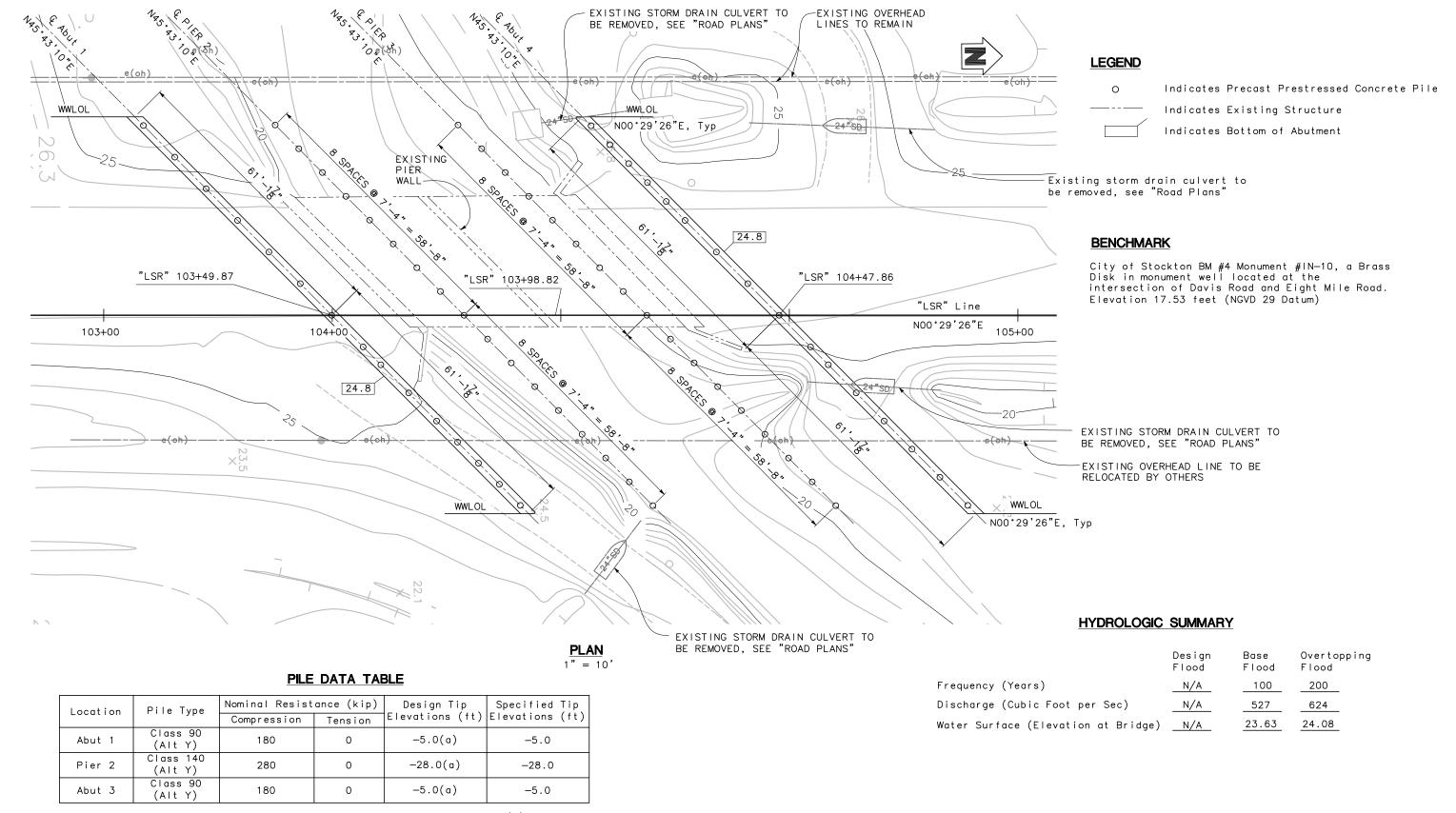
NO SCALE

RECORD DWG:

05-17

75' CUDMITTAL	NI/	T EAD	~~	MOTOLICTION				PIXLE	Y SLOUGH BRIDGI	
75% SUBMITTAL	NC	JI FOR		NSTRUCTION				DE	CK CONTOURS	
		PROFESSIONAL	Revision No.	n Description	Date	Ву	Aprvd. By	CIT	Y OF STOCKTON	
MARK THOMAS & COMPANY,	INC.							PUBLIC	WORKS DEPARTMENT	
7300 FOLSOM BOULEVARD, SUITE 203		PO-KANG CHEN						BRIDGE NO.: 29C0442	APPROVED BY:	SHEET NO. 32
SACRAMENTO, CALIFORNIA 95826 (916) 381-9100 FAX: (916) 381-9180		No. S3112						DESIGNED BY: JP	DATE	S2 of S13
(310) 301-3100 TAX. (310) 301-3100		*_Exp. <u>9/30/15</u> /*//						DRAWN BY: GB	1	32 OF 43 SHEETS
		STRUCTURAL						CURCKED DV.		PROJECT NO

ORIGINAL SCALE IN INCHES FOR REDUCED PLAN



NOTE: Design tip elevations for Abutments and Pier are controlled by (a) Compression.

MARK THOMAS & COMPANY, INC. 7300 FOLSOM BOULEVARD, SUITE 203 SACRAMENTO, CALIFORNIA 95826 (916) 381–9100 FAX: (916) 381–9180

1/13/09 09/20/13 10/16/13

75% SUBMITTAL

	PROFESSIONAL	Revisi No.
AS & COMPANY, INC.		
M BOULEVARD, SUITE 203	PO-KANG CHEN	
ITO, CALIFORNIA 95826) FAX: (916) 381-9180	No. S3112	
, ,,,,,, (0.0) 00. 0.00	*_Exp. <u>9/30/15</u> /*//	
	STRUCTURAL	
MTCO JOB NUMBER: 57-0221B	OF CALIFOR	

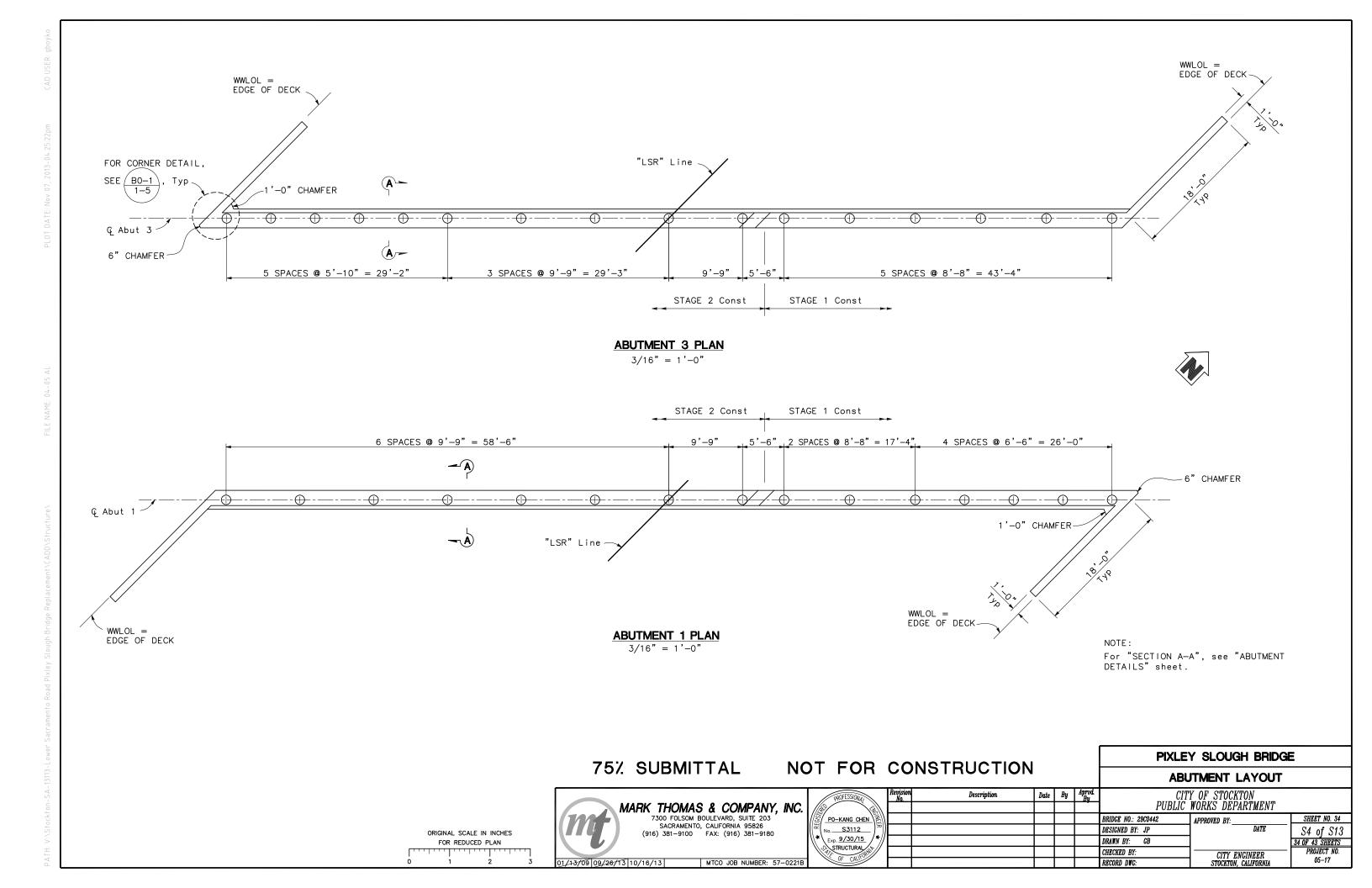
NOT FOR CONSTRUCTION

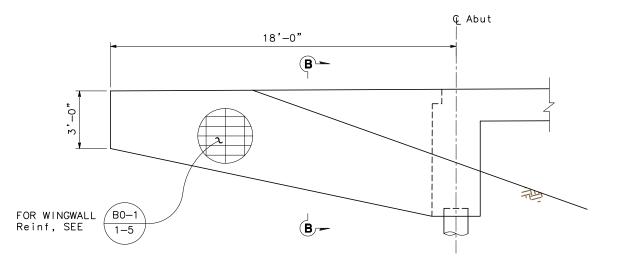
						FOUNDATION PLAN					
	Revision No.	Description	Date	Ву	Aprod. By	CIT	Y OF STOCKTON				
1					Š	PUBLIC	WORKS DEPARTMENT				
						BRIDGE NO.: 29C0442	APPROVED BY:	SHEET NO. 33			
						DESIGNED BY: JP	DATE	S3 of S13			
$/\!/$						DRAWN BY: GB		33 OF 43 SHEETS			
7						CHECKED BY:	CITY ENGINEER	PROJECT NO.			
						RECORD DWG:	STOCKTON, CALIFORNIA	05-17			

PIXLEY SLOUGH BRIDGE

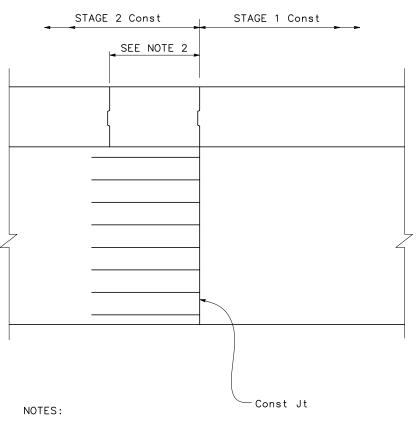
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

ORIGINAL SCALE IN INCHES
FOR REDUCED PLAN





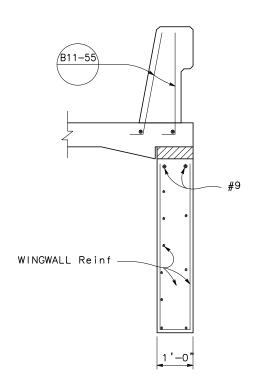
WINGWALL ELEVATION NO SCALE



- 1. Piles not shown
- 2. Abut 3 shown, Abut 1 similar

PARTIAL ELEVATION 3/4" = 1'-0"

ORIGINAL SCALE IN INCHES FOR REDUCED PLAN



Note: For wingwall details not shown, see (B0-1)

JOINT SEAL (MR 1/2") $\left(\frac{131}{86-21}\right)$

SECTION B-B 3/4" = 1'-0"

MTCO JOB NUMBER: 57-0221B

75% SUBMITTAL	NOT FOR CONSTRUCTION

MARK THOMAS & COMPANY, INC.
7300 FOLSOM BOULEVARD, SUITE 203
SACRAMENTO, CALIFORNIA 95826
(916) 381-9100 FAX: (916) 381-9180

1/13/09 09/20/13 10/16/13

PROFESSIONAL	No.	ресстіріш
PO-KANG CHEN		
No. 33112		
Exp. 9/30/15 /*//		
STRUCTURAL		
OF CALIFORNI		

F F O D	~	NSTRUCTION				PIXLEY SLOUGH BRIDGE							
FUR		NS I RUC I ION				ABU	TMENT DETAILS						
PROFESSION _{4/}	Revision No.	Description	Date	Ву	Aprvd. Bu	CIT	Y OF STOCKTON						
						PUBLIC	WORKS DEPARTMENT						
PO-KANG CHEN						BRIDGE NO.: 29C0442	APPROVED BY:	SHEET NO. 35					
No. 53112						DESIGNED BY: JP	DATE	S5 of S13					
Exp. 9/30/15						DRAWN BY: GB		35 OF 43 SHEETS					
STRUCTURAL						CHECKED BY:	CITY ENGINEER	PROJECT NO.					
OF CALIFORN						RECORD DWG-	STOCKTON CALIFORNIA	05-17					

3/4" = 1'-0"

— Ç PILE

SECTION A-A

₲ Abut

1'-3"¦1'-3'

BB/EB~

#6 Tot 3-

B0-3

3-1

#4 ~ @ 12

#6 Tot 3

B2-5 CLASS 90 PILE-

BOTHWAYS

#6 6'-0" @ 6

PLACE STIRRUPS #8

CITY ENGINEER STOCKTON, CALIFORNIA

NORMAL TO G Abut

PLACE PARALLEL TO MAIN REINF

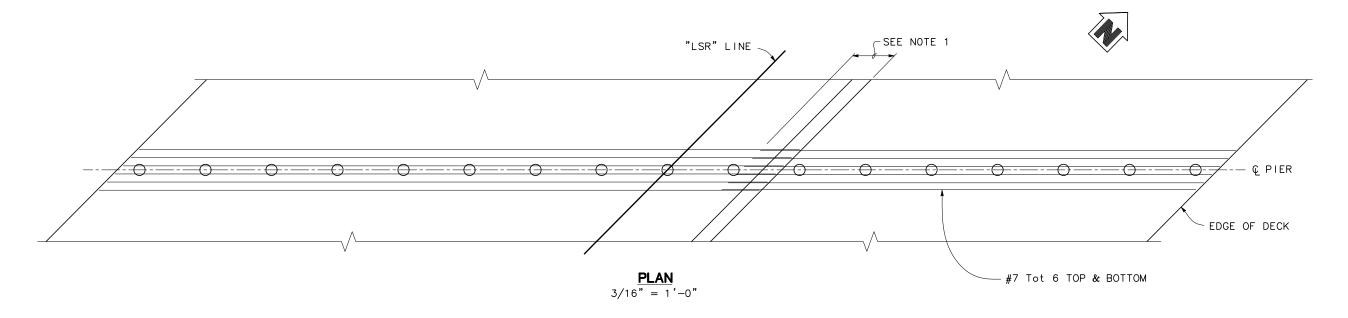
NOTES:

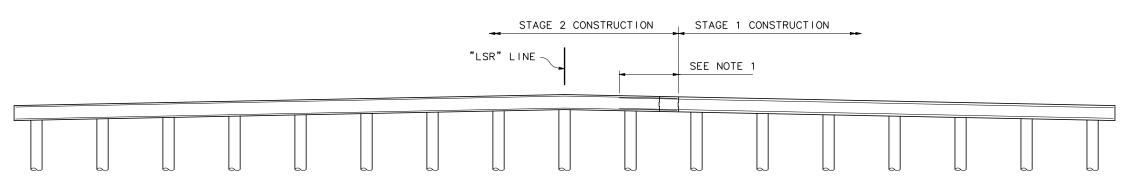
1. Backfill behind abutment not to be placed higher than fill at front of abutment until superstructure is in place. Backfill to be placed uniformly at both abutments to equalize wall pressures.

#5 **@** 12

2. Extend abutment reinforcement 3'-0" beyond construction joint to lap with Stage 2 Construction. Alternatively, Contractor may use mechanical butt (service) splices.

RECORD DWG:





ELEVATION 3/16" = 1'-0"

Extend main cap reinforcement 4'-6" beyond construction joint to lap with Stage 2 construction joint.

RECORD DWG:

PIXLEY SLOUGH BRIDGE 75% SUBMITTAL NOT FOR CONSTRUCTION PIER LAYOUT CITY OF STOCKTON PUBLIC WORKS DEPARTMENT Date By Aprvd. By MARK THOMAS & COMPANY, INC. 7300 FOLSOM BOULEVARD, SUITE 203 SACRAMENTO, CALIFORNIA 95826 (916) 381-9100 FAX: (916) 381-9180 BRIDGE NO.: 29C0442 SHEET NO. 36 PO-KANG CHEN APPROVED BY:_ S6 of S13 36 OF 43 SHEETS PROJECT NO. 05-17 No. S3112 DESIGNED BY: JP Exp. 9/30/15 STRUCTURAL OF CALIFORNIA DRAWN BY: GB CHECKED BY:

ORIGINAL SCALE IN INCHES FOR REDUCED PLAN

1/13/09 09/26/13 10/16/13 MTCO JOB NUMBER: 57-0221B

1/13/09 09/26/13 10/25/13

MTCO JOB NUMBER: 57-0221B

1'-3" 1'-3

CHECKED BY:

RECORD DWG:

PIXLEY SLOUGH BRIDGE

PIER DETAILS

SHEET NO. 37

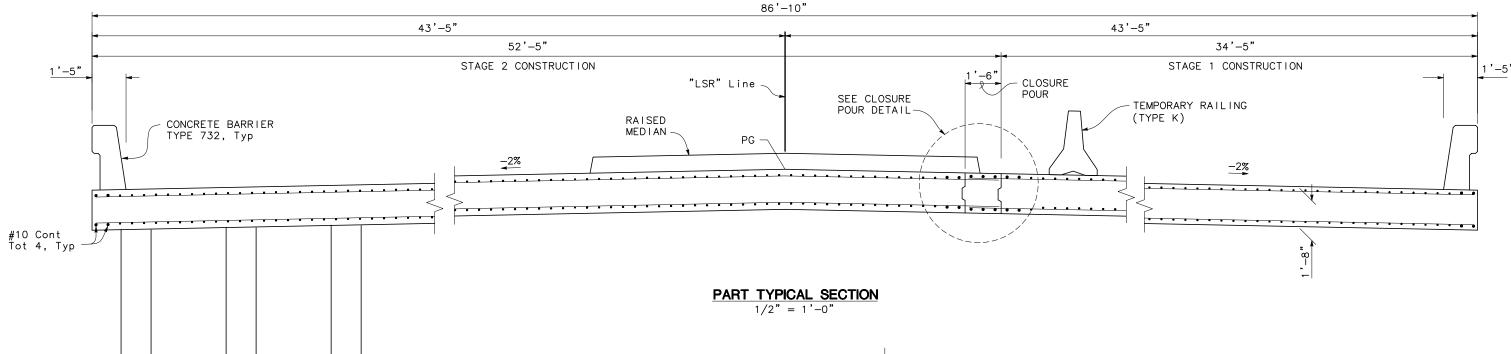
S7 of S13

37 OF 43 SHEETS PROJECT NO.

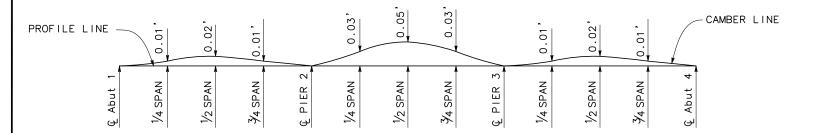
05-17

CITY OF STOCKTON PUBLIC WORKS DEPARTMENT

APPROVED BY:



NOTE: All plies not shown.



NOTE: Does not include allowance for falsework settlement or deflection.

CAMBER DIAGRAM NO SCALE

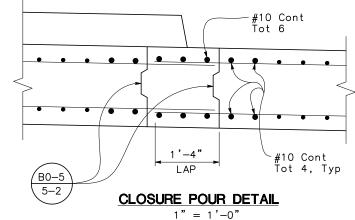
FALSEWORK RELEASE NOTES

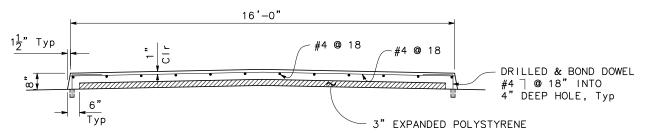
Alternative 1:

Falsework shall be released as soon as permitted by the specifications. Closure pour shall not be placed sooner than 60 days after the falsework has been released.

Alternative 2:

Falsework shall not be released less than 28 days after the last concrete has been placed. Closure pour shall not be placed sooner than 14 days after the falsework has been released. When the falsework release Alternative 2 is used, camber values are 0.75 times those shown.





RAISED MEDIAN DETAIL 1/2" = 1'-0"

75% SUBMITTAL NOT FOR CONSTRUCTION

PIXLEY SLOUGH BRIDGE TYPICAL SECTION CITY OF STOCKTON PUBLIC WORKS DEPARTMENT

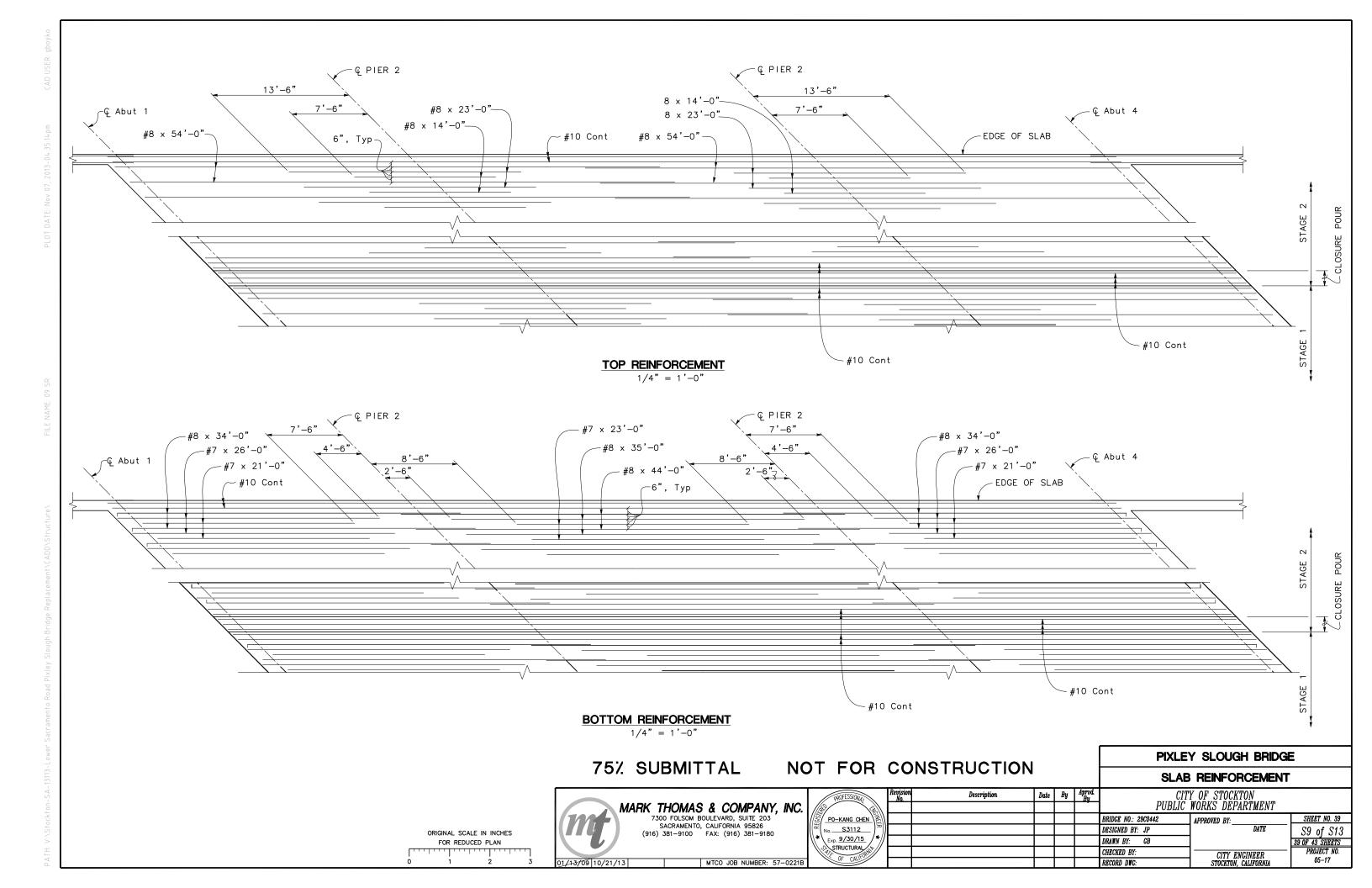


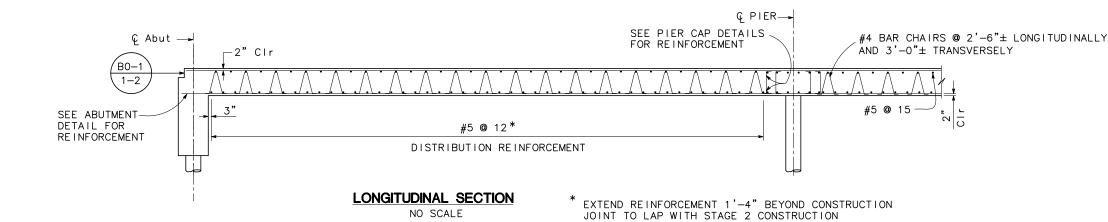
MARK THOMAS & COMPANY, INC. 7300 FOLSOM BOULEVARD, SUITE 203 SACRAMENTO, CALIFORNIA 95826 (916) 381–9100 FAX: (916) 381–9180

1/13/09 09/26/13 10/16/13

M BOULEVARD, SUITE 203 TO, CALIFORNIA 95826 FAX: (916) 381-9180	PO-KANG CHEN No. S3112 * Exp. 9/30/15 STRUCTURAL	
MTCO JOB NUMBER: 57-0221B	Ut CALITY	

	Revision No.	Description	Date	Ву	Aprva. Bu	CIT		
						PUBLIC	WORKS DEPARTMENT	
						BRIDGE NO.: 29C0442	APPROVED BY:	SHEET NO. 38
1 11						DESIGNED BY: JP	DATE	S8 of S13
*//						DRAWN BY: GB		38 OF 43 SHEETS
//						CHECKED BY:	CITY ENGINEER	PROJECT NO.
						RECORD DWG:	STOCKTON, CALIFORNIA	05-17





RAILING NOT SHOWN 2" Clr TRANSVERSE SLAB REINFORCEMENT MAIN SLAB ≥ #10 Cont Tot 4 REINFORCEMENT 3/4" DRIP GROOVE

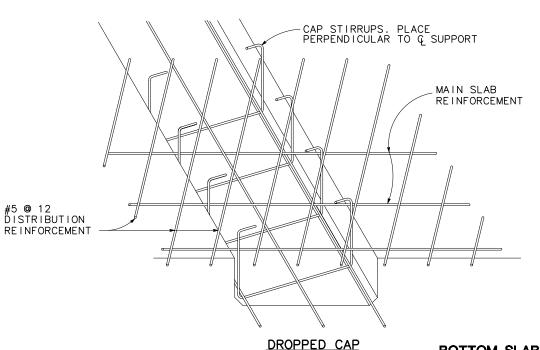
EDGE OF SLAB DETAILS

2 1/2 "

NO SCALE

BAR SPLICE LENGTH								
Bar size	#4	#5	#6	#7	#8	#9	#10	#11
All bars, except top bars in spans over 24'	23"	28"	34"	39"	45"	68"	76 "	85"
Top bars in spans over 24'	23"	28"	34"	53"	60"	77"	97"	120"

Splices in top main bars to be located near center of span. Splices in bottom main bars to be located near pier. Spacing of all transverse bars is measured along ${\mathfrak C}$ roadway. Skew 0° to 20°: Place all transverse bars parallel to bent. Skew over 20°: Place transverse slab bars perpendicular to C bridge. See details at right and below.

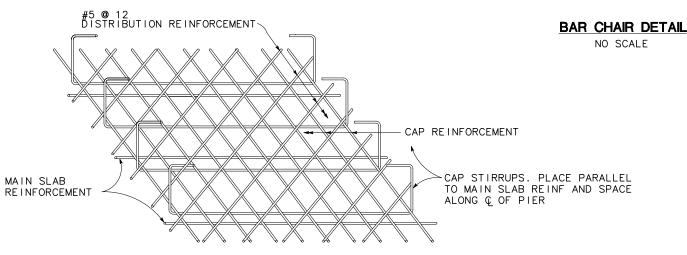


CAP REINFORCEMENT MAIN SLAB REINFORCEMENT CAP STIRRUPS. PLACE PARALLEL TO MAIN SLAB REINFORCEMENT

> NOTE: View for main span over 24'. Bar placement similar for spans under 24'

TOP SLAB REINFORCEMENT AT PIER

NO SCALE



FLUSH CAP

BOTTOM SLAB REINFORCEMENT AT PIER

75% SUBMITTAL

NOT FOR CONSTRUCTION

PIXLEY SLOUGH BRIDGE **SLAB REINFORCEMENT DETAILS**

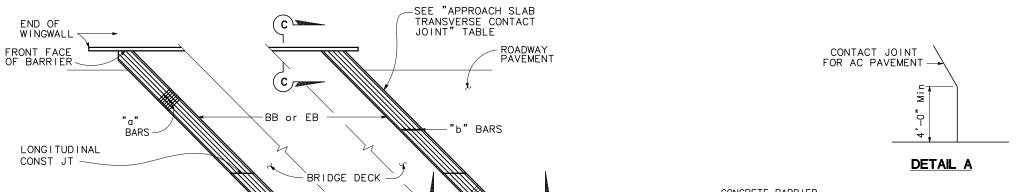


MTCO JOB NUMBER: 57-0221B

OROFESS/ONA	Revision No.	Description	Date	Ву	Aprvd. Bu	CIT	I OI DIVUNIUN	
						PUBLIC	WORKS DEPARTMENT	
PO-KANG CHEN						BRIDGE NO.: 29C0442	APPROVED BY:	SHEET NO. 40
No. S3112						DESIGNED BY: JP	DATE	S10 of S13
Exp. 9/30/15						DRAWN BY: GB		40 OF 43 SHEETS
STRUCTURAL OF CALLFORN						CHECKED BY:	CITY ENGINEER	PROJECT NO.
OF CALIFOR		_				RECORD DWG:	STOCKTON CALIFORNIA	05-17

ORIGINAL SCALE IN INCHES FOR REDUCED PLAN

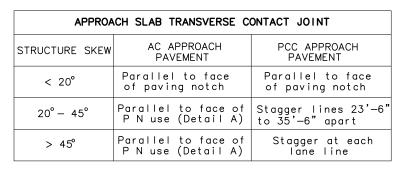


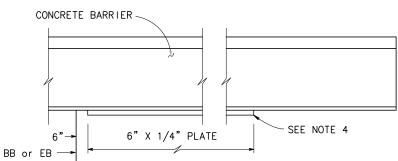


PLAN

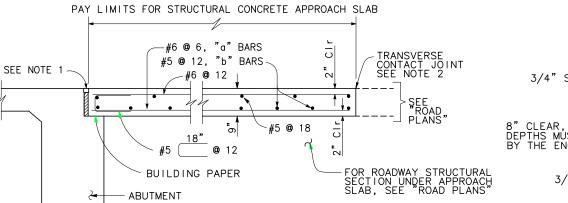
1" = 20

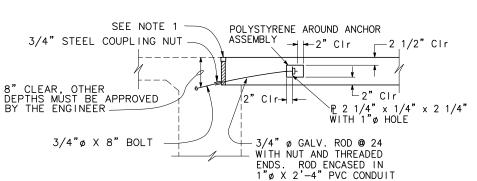
"DETAIL A'

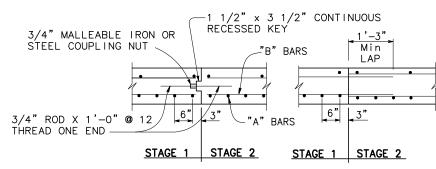




EDGE ANGLE DETAIL







LONGITUDINAL CONSTRUCTION JOINT ALTERNATIVES 3/4" = 1' - 0"

REINFORCEMENT DETAILS

6" X 1/4" PLATE (GALVANIZED)

1/4 X 3/4" X 8" FLAT

PLACE 1/4" HARDWOOD BETWEEN SLAB AND

BARRIER, WITH SMOOTH SIDE TOWARD BARRIER

BAR @ 12" CENTERS

(SEE "EDGE ANGLE DETAIL"). LOW SIDE ONLY

STRUCTURE APPROACH

1/2" Max

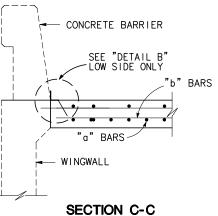
POURABLE

10'-0" Min SKEW $> 20^{\circ}$

SECTION A-A



ABUTMENT TIE DETAILS



NOTES:

- 1. For details not noted or shown, see other sheets. Adjust bar reinforcement to clear a sawcut for sealed joint, when required.
- 2. For transverse contact joint with new PCC pavings, refer to Standard Plan P10.
- 3. End edge angle or plate at end of wingwall or end of structure approach as applicable.
- 4. At the Contractor's option, approach slab transverse reinforcement may be placed parallel to paving notch. Spacing of transverse reinforcement is measured along Q roadway.

PIXLEY SLOUGH BRIDGE

- 5. For draiange details, see "ABUTMENT DETAILS" sheet.
- 6. Details shown are not to scale.

75% SUBMITTAL

NOT FOR CONSTRUCTION

PO-KANG CHEN

No. S3112

Exp. 9/30/15 STRUCTURAL

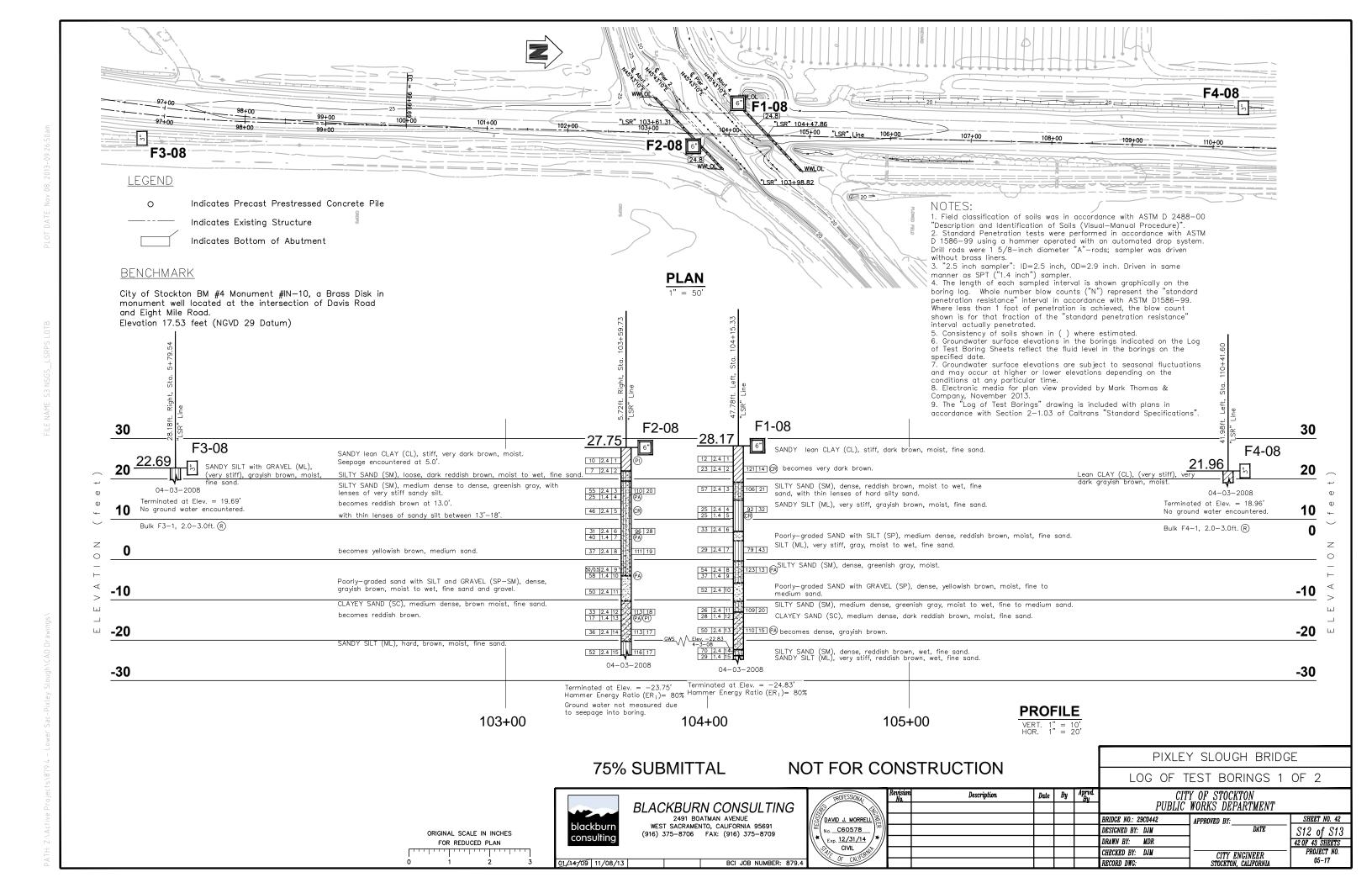
1						STRUCTURE	APPROACH TYPE	EQ(10)
<i>\</i>	Revision No.	Description	Date	Ву	Aprvd. Bu	CIT	Y OF STOCKTON	
12					,	PUBLIC	WORKS DEPARTMENT	
						BRIDGE NO.: 29C0442	APPROVED BY:	SHEET NO. 41
-);;;;[]						DESIGNED BY: JP	DATE	S11 of S13
/ /						DRAWN BY: GB		41 OF 43 SHEETS
<u>~</u> //						CHECKED BY:	CITY ENGINEER	PROJECT NO.
						RECORD DWG:	STOCKTON, CALIFORNIA	05-17

DETAIL B ORIGINAL SCALE IN INCHES

FOR REDUCED PLAN

MARK THOMAS & COMPANY, INC. 7300 FOLSOM BOULEVARD, SUITE 203 SACRAMENTO, CALIFORNIA 95826 (916) 381-9100 FAX: (916) 381-9180

43/09 10/21/13 MTCO JOB NUMBER: 57-0221B



CORRLES

Top Hole El.

* indicates blows required to produce the indicated penetrotion during the initial 0.5 in. interval

ndicated penetration ofter the initial 0.5 in. nterval

Number of blows
required to produce the reduced to produce the located penetration

Core run

Boring Date

COBBLES and BOULDERS

Casing driven
Size of Sampler (in.)

Unconfined
Compressive
Unconfined
Unconfined
Unconfined
Compressive
Unconfined
Unconfine

REC=70% 1-RQD=24%

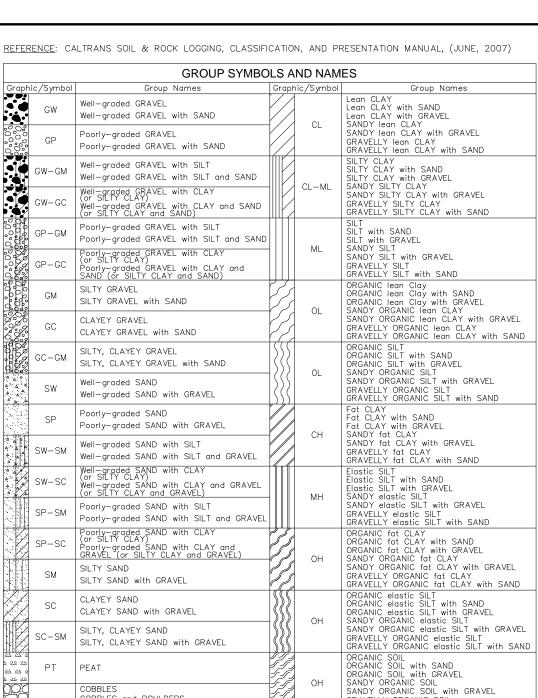
Terminated at Elev.

Hammer Energy Ratio (ER;)= **ROTARY BORING**

Hole I.D.

—Estimated material change

-Soil/Rock boundary



FIELD AND LABORATORY **TESTING**

- C Consolidation (ASTM D 2435-04)
- (CL) Collapse Potential (ASTM D 5333-03)
- (CP) Compaction Curve (CTM 216-06)
- Corrosivity Testing (CTM 643, CTM 422, CTM 417)
- Consolidated Undrained
- Consolidated Unaramed Triaxial (ASTM D 4767-04)
- Direct Shear (ASTM D 3080-04) (EI) Expansion Index (ASTM D 4829-03)
- (M) Moisture Content (ASTM D 2216-05)
- Organic Content-% (ASTM D 2974-07)
- P Permeability (CTM 220-05)
- Particle Size Analysis
 (ASTM D 422-63) (2002)
- Plasticity Index (AASHTO T 90-00) Liquid Limit (AASHTO T 89-02)
- PL) Point Load Index (ASTM D 5731-05)
- (PM) Pressure Meter
- P Pocket Penetrometer
- (R) R-Value (CTM 301-00)
- (SE) Sand Equivalent (CTM 217-99)
- SG Specific Gravity (AASHTO T 100-06)
- (SL) Shrinkage Limit (ASTM D 427-04)
- (SW) Swell Potential (ASTM D 4546-03)
- (TV) Pocket Torvane

GRAVELLY ORGANIC SOIL
GRAVELLY ORGANIC SOIL with SAND

Top Hole El.

Refusal

Boring Date

Terminated at Elev. =

HAND BORING

Blows per 12 in.——30 (Using 28 lb hand hammer with a 12 in.

Hole I.D.

GWS Elev.
Date measured

Description of materials

> Sample taken

ORIGINAL SCALE IN INCHES

FOR REDUCED PLAN

- Unconfined Compression—Soil (ASTM D 2166—06) Unconfined Compression—Rock (ASTM D 2938—95) (2002) (I)
- Unconsolidated Undrained Triaxial (ASTM D 2850-03)
- (W) Unit Weight (ASTM D 2937-04)
- (VS) Vane Shear (AASHTO T 223-96) (2004)
- Unconfined Compressive Strength of Lime Treated Soil/Aggregates (CTM 373-00)

APPARENT DENSITY OF COHESIONLESS SOILS				
Description	SPT N ₆₀ - Value (Blows / 12 in.)			
Very Loose	0 - 4			
Loose	5 - 10			
Medium Dense	11 – 30			
Dense	31 — 50			
Very Dense	> 50			

MOISTURE				
Description Criteria				
Dry	Absence of moisture, dusty, dry to the touch			
Moist	Damp but no visible water			
Wet	Visible free water, usually soil is below water table			

PERCENT OR PROPORTION OF SOILS				
Description	Criteria			
Trace	Particles are present but estimated to be less than 5%			
Few	5 to 10%			
Little	15 to 25%			
Some	30 to 45%			
Mostly	50 to 100%			

PARTICLE SIZE				
De	scription	Size		
Boulder		>12 in.		
Cobble		3 to 12 in.		
Onesial	Coarse	3/4 to 3 in.		
Gravel	Fine	No. 4 to 3/4 in.		
	Coarse	No. 10 to No. 4		
Sand	Medium	No. 40 to No. 10		
	Fine	No. 200 to No. 40		

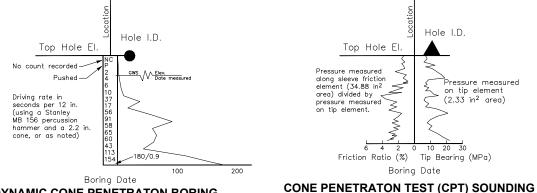
CEMENTATION			
Description Criteria			
Weak	Crumbles or breaks with handling or little finger pressure		
Moderate	Crumbles or breaks with considerable finger pressure		
Strong	Will not crumble or break with finger pressure		

CONSISTENCY OF COHESIVE SOILS					
Description	Unconfined Compressive Strength (tsf)	Pocket Penetrometer Measurement (tsf)	Torvane Measurement (tsf)	Field Approximation	
/ery Soft	<0.25	<0.25	<0.12	Easily penetrated several inches by fist	
Soft	0.25 to 0.50	0.25 to 0.50	0.12 to 0.25	Easily penetrated several inches by thumb	
Medium Stiff	0.50 to 1.0	0.50 to 1.0	0.25 to 0.50	Penetrated several inches by thumb with moderate effort	
Stiff	1 to 2	1 to 2	0.50 to 1.0	Readily indented by thumb but penetrated only with great effort	
/ery Stiff	2 to 4	2 to 4	1.0 to 2.0	Readily indented by thumbnail	
Hard	> 4.0	> 4.0	> 2.0	Indented by thumbnail with difficulty	

PLASTICITY OF FINE-GRAINED SOILS			
Description	Criteria		
Nonplastic	A 1/8—in. thread cannot be rolled at any water content.		
Low	The thread can barely be rolled and the lump cannot be formed when drier than the plastic limit.		
Medium	The thread is easy to roll and not much time is required to reach the plastic limit. The thread cannot be rerolled after reaching the plastic limit. The lump crumbles when drier than the plastic limit.		
High	It takes considerable time rolling and kneading to reach the plastic limit. The thread can be rerolled several times after reaching the plastic limit. The lump can be formed without crumbling when drier than the plastic limit.		

BOREHOLE IDENTIFICATION					
Symbol	Hole Type	Description			
Size	А	Auger Boring			
Size	R P	Rotary drilled boring Rotary percussion boring (air)			
	R	Rotary drilled diamond core			
Size	HD HA	Hand driven (1—inch soil tube) Hand Auger			
•	D	Dynamic Cone Penetration Boring			
	CPT	Cone Penetration Test (ASTM D 5778—95)			
Size	Т	Backhoe Test Pit			

BOREHOLE IDENTIFICATION



DYNAMIC CONE PENETRATON BORING 75% SUBMITTAL

NOT FOR CONSTRUCTION

SOIL LEGEND PIXLEY SLOUGH BRIDGE

LOG OF TEST BORINGS 2 OF 2



2491 BOATMAN AVENUE

(916) 375-8706 FAX: (916) 375-8709

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						RECORD DWC.	1

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BLACKBURN CONSULTING

AVENUE	DAVID J. MORRELL
ALIFORNIA 95691	No. C60578
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BCI JOB NUMBER: 879.4	OF CALIFO

OF STOCKTON ORKS DEPARTMENT SHEET NO. 43 PPROVED BY: S13 of S13 43 OF 43 SHEETS PROJECT NO. CITY ENGINEER 05-17