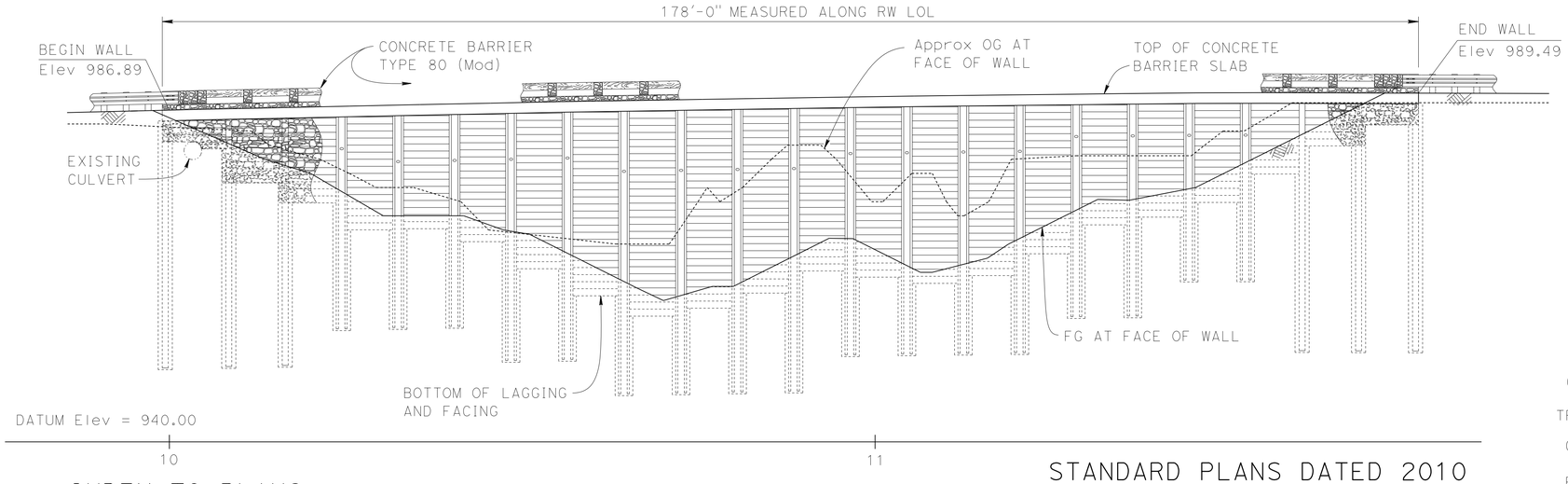
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
01	DN	199	24.7	36	51

REGISTERED CIVIL ENGINEER — DATE 3/25/15

June 15, 2015
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Kevin Harper — No. 42221 — Exp. 3/31/16 — CIVIL — STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.



DEVELOPED MIRRORED ELEVATION

1" = 10'

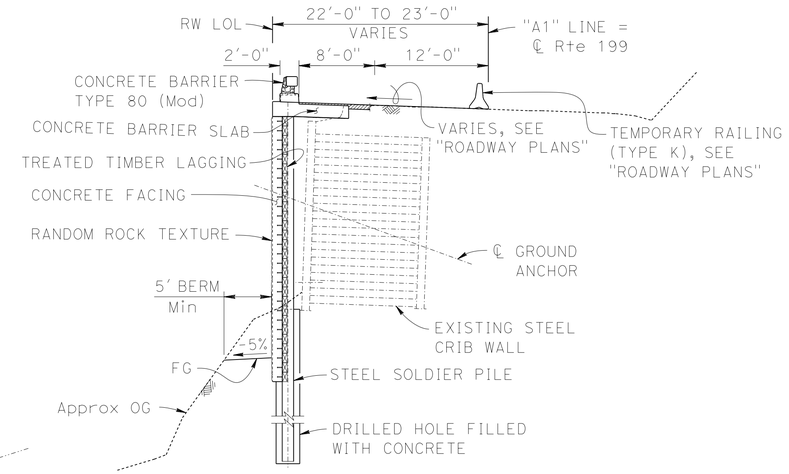
INDEX TO PLANS

SHEET NO.	TITLE
1.	GENERAL PLAN
2.	STRUCTURE PLAN NO. 1
3.	STRUCTURE PLAN NO. 2
4.	FOUNDATION PLAN
5.	TYPICAL SECTION
6.	WALL DETAILS No. 1
7.	WALL DETAILS No. 2
8.	GROUND ANCHOR DETAILS
9.	EXCAVATION AND BACKFILL LIMITS
10.	CONCRETE BARRIER TYPE 80 (Mod)
11.	FUTURE BICYCLE RAILING DETAILS
12.	LOG OF TEST BORINGS 1 OF 5
13.	LOG OF TEST BORINGS 2 OF 5
14.	LOG OF TEST BORINGS 3 OF 5
15.	LOG OF TEST BORINGS 4 OF 5
16.	LOG OF TEST BORINGS 5 OF 5

STANDARD PLANS DATED 2010

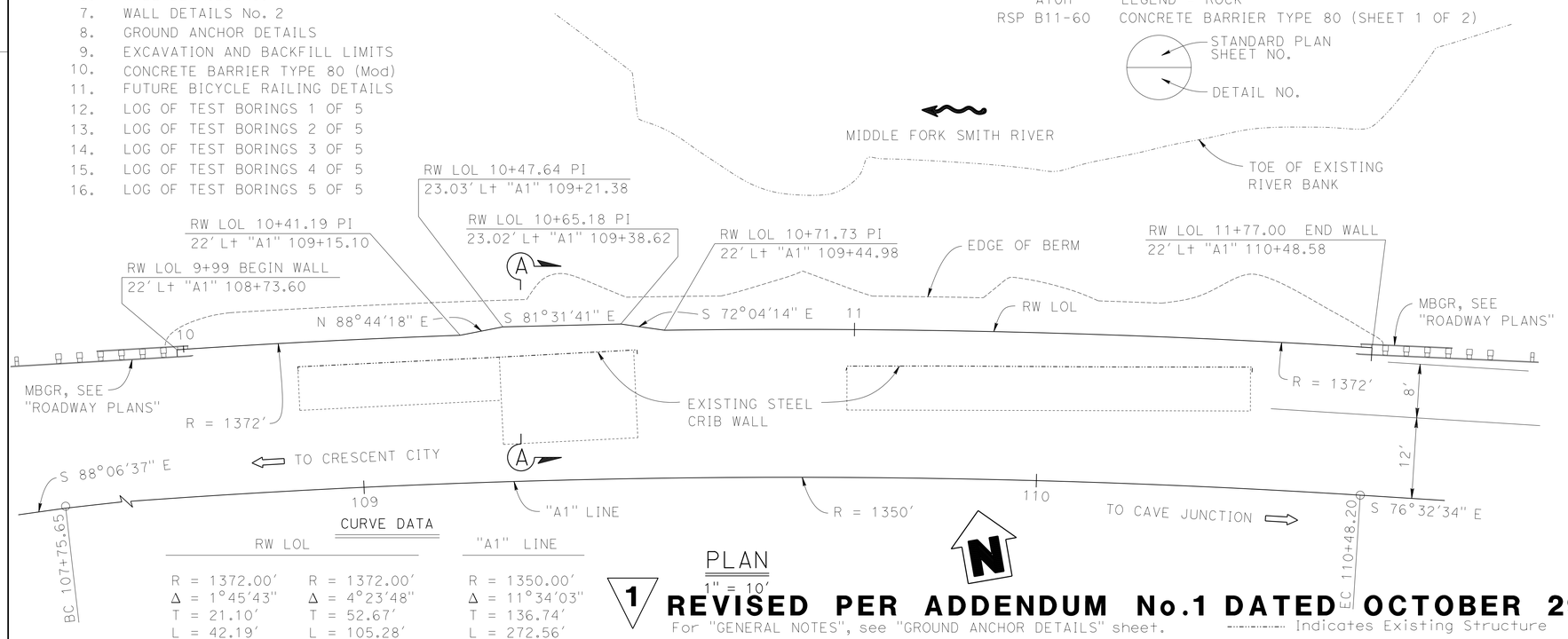
A10A	ABBREVIATIONS (SHEET 1 OF 2)
RSP A10B	ABBREVIATIONS (SHEET 2 OF 2)
A10C	LINES AND SYMBOLS (SHEET 1 OF 3)
A10D	LINES AND SYMBOLS (SHEET 2 OF 3)
A10E	LINES AND SYMBOLS (SHEET 3 OF 3)
A10F	LEGEND - SOIL (SHEET 1 OF 2)
A10G	LEGEND - SOIL (SHEET 2 OF 2)
A10H	LEGEND - ROCK
RSP B11-60	CONCRETE BARRIER TYPE 80 (SHEET 1 OF 2)

STANDARD PLAN SHEET NO.
DETAIL NO.



SECTION A-A

1/8" = 1'-0"



PLAN

1" = 10'

CURVE DATA

RW LOL		"A1" LINE
R = 1372.00'	R = 1372.00'	R = 1350.00'
Δ = 1°45'43"	Δ = 4°23'48"	Δ = 11°34'03"
T = 21.10'	T = 52.67'	T = 136.74'
L = 42.19'	L = 105.28'	L = 272.56'

1 **REVISED PER ADDENDUM No.1 DATED OCTOBER 29, 2015**

For "GENERAL NOTES", see "GROUND ANCHOR DETAILS" sheet.

Indicates Existing Structure

QUANTITIES

STRUCTURE EXCAVATION (SOLDIER PILE WALL)	1	150 ~~158~~	CY
STRUCTURE BACKFILL (SOLDIER PILE WALL)	1	52 ~~130~~	CY
CONCRETE BACKFILL (SOLDIER PILE WALL)		56	CY
LEAN CONCRETE BACKFILL		54	CY
GROUND ANCHOR (SUBHORIZONTAL)		17	EA
STEEL SOLDIER PILE (W 16 X 67)		210	LF
STEEL SOLDIER PILE (2-C 15 X 50)		570	LF
24" DRILLED HOLE		208	LF
30" DRILLED HOLE		394	LF
STRUCTURAL CONCRETE, RETAINING WALL		120	CY
STRUCTURAL CONCRETE, BARRIER SLAB		64	CY
RANDOM ROCK TEXTURE		3,130	SQFT
BAR REINFORCING STEEL (RETAINING WALL)	1	11,200 ~~10,929~~	LB
TIMBER LAGGING		17	MFBM
CLEAN AND PAINT STEEL SOLDIER PILING		LUMP	SUM
PREPARE AND STAIN CONCRETE		3,130	SQFT
GEOCOMPOSITE DRAIN	1	534 ~~54~~	SQFT
DRILL HOLE (CRIB WALL)		34	EA
CLASS 1 PERMEABLE MATERIAL, TYPE B		144	CY
CONCRETE BARRIER (TYPE 80 MODIFIED)	1	178 ~~177~~	LF

Jeff Sims
DESIGN ENGINEER

	BY	CHECKED
DESIGN	Kevin Harper	Daniel Sessions
DETAILS	Jie Tang	Daniel Sessions
QUANTITIES	Eric Watson	Bob Huddleston

LOAD & RESISTANCE FACTOR DESIGN
LAYOUT — BY Kevin Harper — CHECKED Daniel Sessions
SPECIFICATIONS — BY Wanda Ward — PLANS AND SPECS COMPARED Wanda Ward

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
STRUCTURE DESIGN
DESIGN BRANCH 1

BRIDGE NO. 01E0018
POST MILE 24.67

MIDDLE FORK WALL
GENERAL PLAN

UNIT: 3576
PROJECT NUMBER & PHASE: 01120001161
CONTRACT NO.: 01-0B3204

DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES: 07/07/14 11/26/14 03/09/15
SHEET 1 OF 16

USERNAME => s120115 DATE PLOTTED => 27-OCT-2015 TIME PLOTTED => 11:49