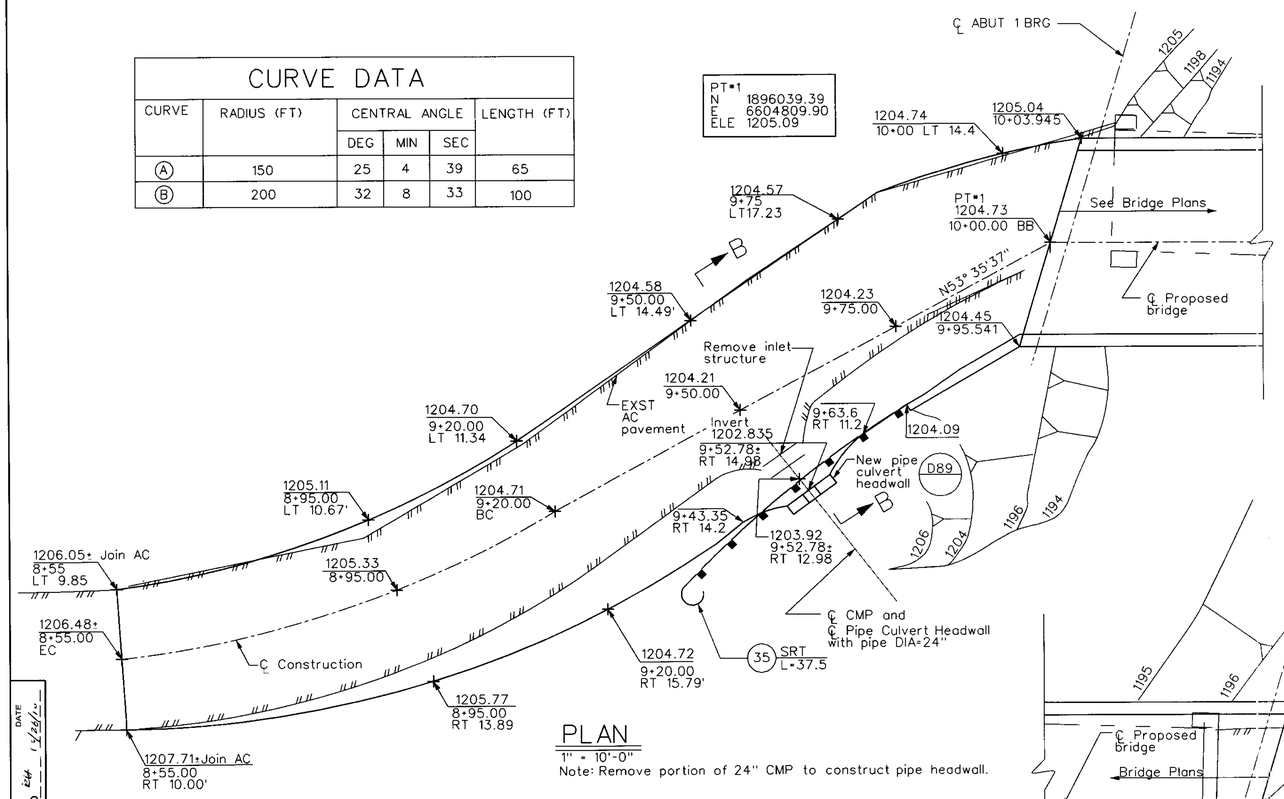
CURVE DATA

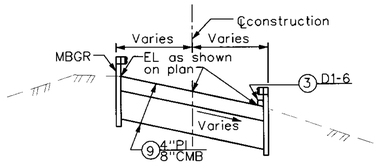
CURVE	RADIUS (FT)	CENTRAL ANGLE			LENGTH (FT)
		DEG	MIN	SEC	
(A)	150	25	4	39	65
(B)	200	32	8	33	100



PLAN

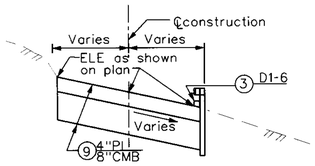
1" = 10'-0"

Note: Remove portion of 24" CMP to construct pipe headwall.



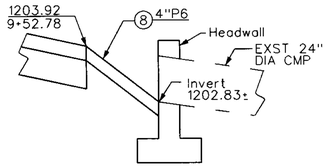
Section A-A

NTS



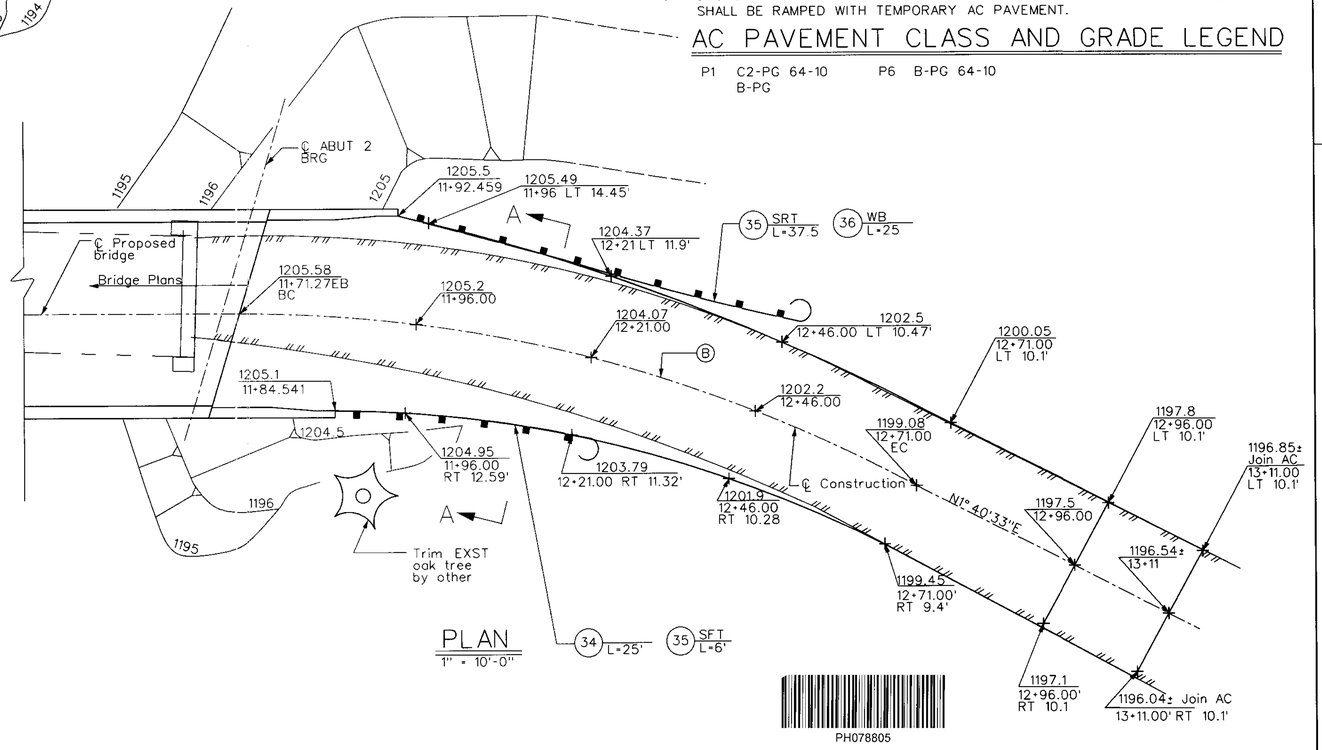
Section B-B

NTS



Typical Section Pipe Headwall

NTS



PLAN

1" = 10'-0"

PH078805

STANDARD PLANS

STATE OF CALIFORNIA, 2006 EDITION

A77A1	METAL BEAM GUARD RAILING STANDARD RAILING SECTION (WOOD POST WITH WOOD BLOCK)
A77J4	METAL BEAM GUARD RAILING TRANSITION RAILING (TYPE WB)
A77L1	METAL BEAM RAILING TERMINAL SYSTEM (TYPE SRT)
A77H1	METAL RAILING END ANCHOR ASSEMBLY (TYPE SFT)

CONSTRUCTION LEGEND

- (3) ASPHALT CONCRETE CURB
- (8) ASPHALT CONCRETE PAVE MENT
- (9) ASPHALT CONCRETE PAVEMENT ON BASE MATERIAL
- (34) METAL BEAM GUARD RAIL PER CALTRANS' STD PLAN RSP A77A
- (35) TERMINAL SYSTEM END TREATMENT (TYPE AS SHOWN)
- (36) METAL BEAM DUARD RAILING-TRANSITION RAILING (TYPE WB)

CONSTRUCTION NOTES

1. ALL STRUCTURES SHALL BE CONSTRUCTED PER APWA STANDARD PLANS UNLESS OTHERWISW SHOWN. THE ASPHALT CONCRETE PAVEMENT LEGEND FOR PAVEMENT MIX TYPE IS PER LACDPW STD PLAN 1010-0.
2. FIELS DENSITY AFTER ROLLING OF ALL ASPHALT CONCRETE PLACED ON THIS PROJECT SHALL BE A MINIMUM 95% RELATIVE COMPACTION PER SUBSECTION 302-5.6.2 OF THE STANDARD SPECIFICATIONS.
3. DROPOFFS ON THE PAVEMENT OVER 1" IN HEIGHT THAT WILL REMAIN OVERNIGHT SHALL BE RAMPED WITH TEMPORARY AC PAVEMENT.

AC PAVEMENT CLASS AND GRADE LEGEND

P1 C2-PG 64-10 B-PG P6 B-PG 64-10

DRAFTER	DESIGNER	CHECKER	CADD PROJECT FILE NAME	REVIEWED BY	DATE
J. Zhao	J. Zhao	K. Ho	FCC0001086	K. Ho	1/26/12

DATE	MK	DESCRIPTION

REVISIONS

REGISTERED PROFESSIONAL ENGINEER
JUNYI ZHAO
NO. C60157
EXP. 06/30/12
CIVIL
STATE OF CALIFORNIA

PROJECT ENGINEER DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

PLAN R

ACCESS BRIDGE OVER BROWN'S GULCH
AT
SAN GABRIEL DAM

BR. NO. 4053	PCA X5009663	DWG PH078805	SHEET 1 OF 1

PS-OF 5/99

DATE: $DATE$TIME FILE: $TIME$ $FILE$