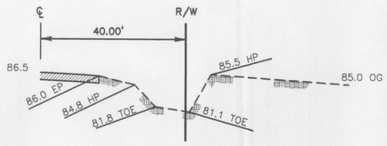
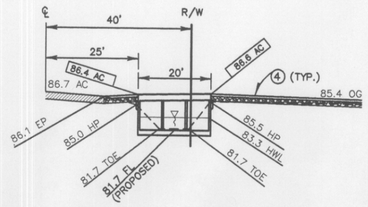
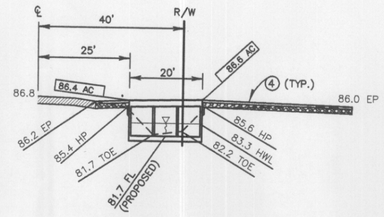
SCALE: N 1" = 20'



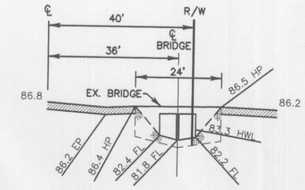
SECTION A–A
HORIZONTAL SCALE: 1"=20'
VERICAL SCALE: 1"=10'



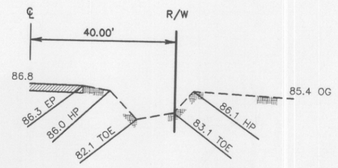
SECTION B–B
HORIZONTAL SCALE: 1"=20'
VERICAL SCALE: 1"=10'



SECTION C–C
HORIZONTAL SCALE: 1"=20'
VERICAL SCALE: 1"=10'

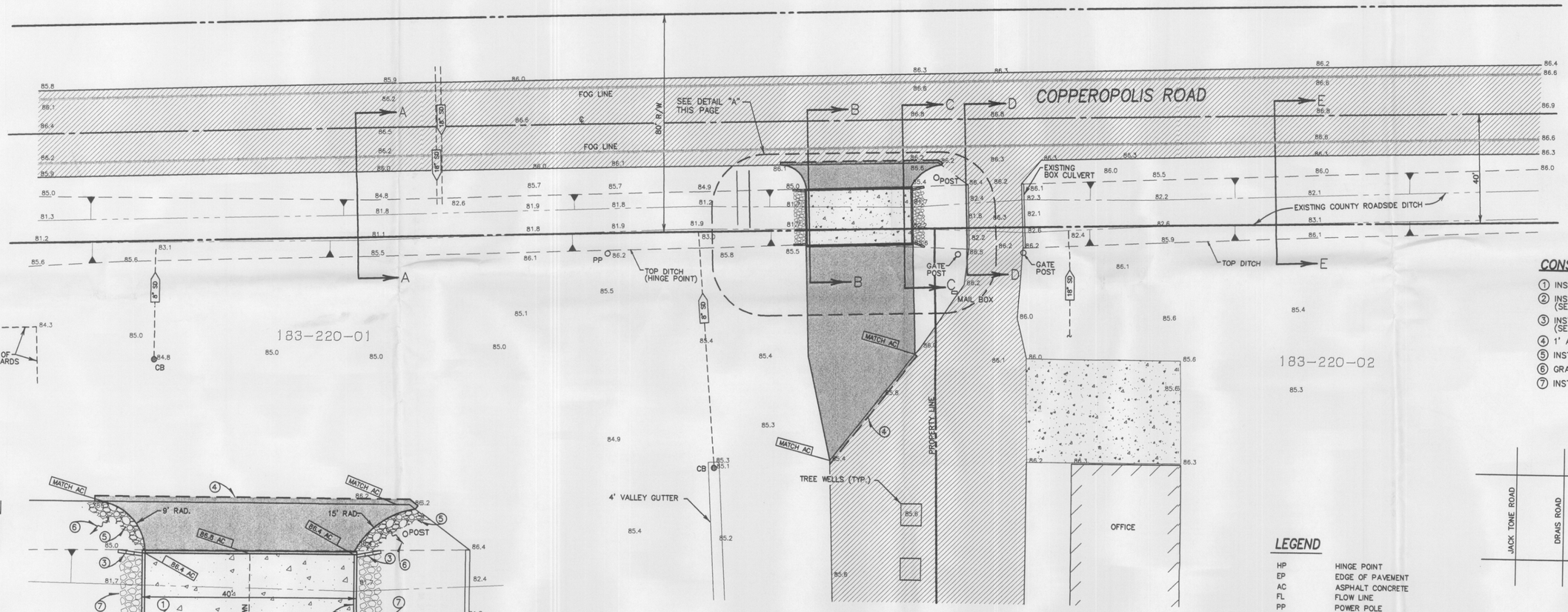


SECTION D–D
HORIZONTAL SCALE: 1"=20'
VERICAL SCALE: 1"=10'

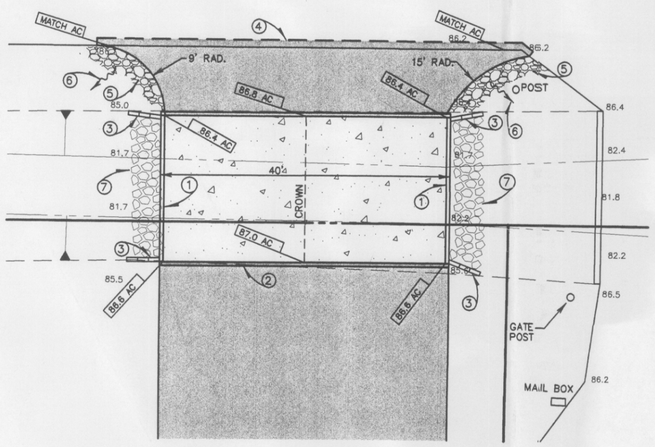


SECTION E–E
HORIZONTAL SCALE: 1"=20'
VERICAL SCALE: 1"=10'

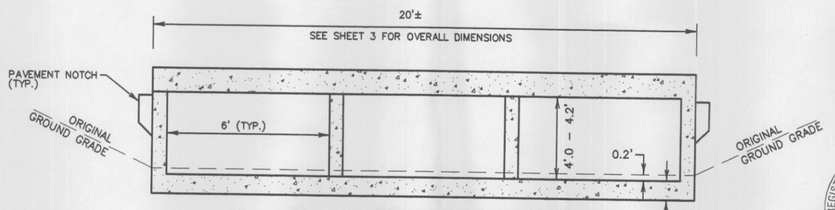
NOTE:
1. THE PROJECT IS LOCATED WITHIN FLOOD ZONE X, AND IS NOT IN A FLOODWAY.



CONSTRUCTION NOTE:
1. INSTALL 20 LF OF 6" CONCRETE CURB.
2. INSTALL BOX CULVER PER CAL TRANS STD. D81 (SEE SHEET 3)
3. INSTALL WINGWALL PER CAL TRANS STD. D85 (SEE SHEET 3)
4. 1' ASPHALT SAWCUT.
5. INSTALL 3' WIDE SHOULDER BACKING
6. GRADE TO DRAIN
7. INSTALL 5'X20' 10" MINUS RIP RAP.



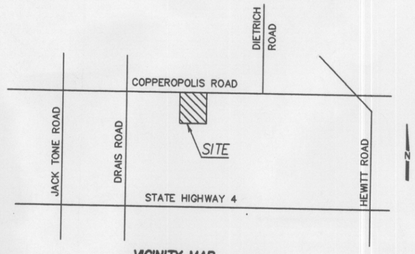
DETAIL A
SCALE: 1" = 10'



BOX CULVERT BRIDGE ELEVATION VIEW
NOT TO SCALE

LEGEND

HP	HINGE POINT
EP	EDGE OF PAVEMENT
AC	ASPHALT CONCRETE
FL	FLOW LINE
PP	POWER POLE
HWM	HIGH WATER LINE
CMP	CORRUGATED METAL PIPE
OG	ORIGINAL GROUND
	PROPOSED CONCRETE BRIDGE
	PROPOSED PAVEMENT 4" AC OVER 8" AB @ 95% RC
	EXISTING PAVEMENT
86.3	EXISTING GRADE



VICINITY MAP
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER JOE MURPHY No. 71771 EXP. 9-30-14 CIVIL STATE OF CALIFORNIA 8-13-13

DILLON & MURPHY
CONSULTING CIVIL ENGINEERS
ENGINEERING · PLANNING · SURVEYING
847 N. CLUFF AVENUE, SUITE A2, LODI, CALIFORNIA 95240 (209) 334-6613

RMC DONDERO PTP
PROPOSED BRIDGE

TOPOGRAPHIC SURVEY,
DITCH CROSS-SECTIONS AND BRIDGE DESIGN

LINDEN, CALIFORNIA
JULY, 2013

REV. NO.	DESCRIPTION	DATE

SCALE: AS NOTED
DRAWN BY: SM
DESIGNED BY: SM
CHECKED BY: JM
AS BUILT BY:

BENCH MARK: *V959 EL: 88.553
DESCRIPTION:
BRASS CAP ON CONC. POST ON HWY 4, 0.2 MILES WEST OF VAN ALLEN ROAD, 29' NORTH OF CENTERLINE.
(DATUM: NGVD 29)

SHEET 1 OF 3 SHEET
JOB NO. 1363

S:\2013\1363\TOPO.dwg Aug 13, 2013