Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	36	91.5	1	14

ACBHSTP-P036(095)E

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN TEHAMA COUNTY ABOUT 8 MILES EAST OF MINERAL AT MILL CREEK BRIDGE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2010

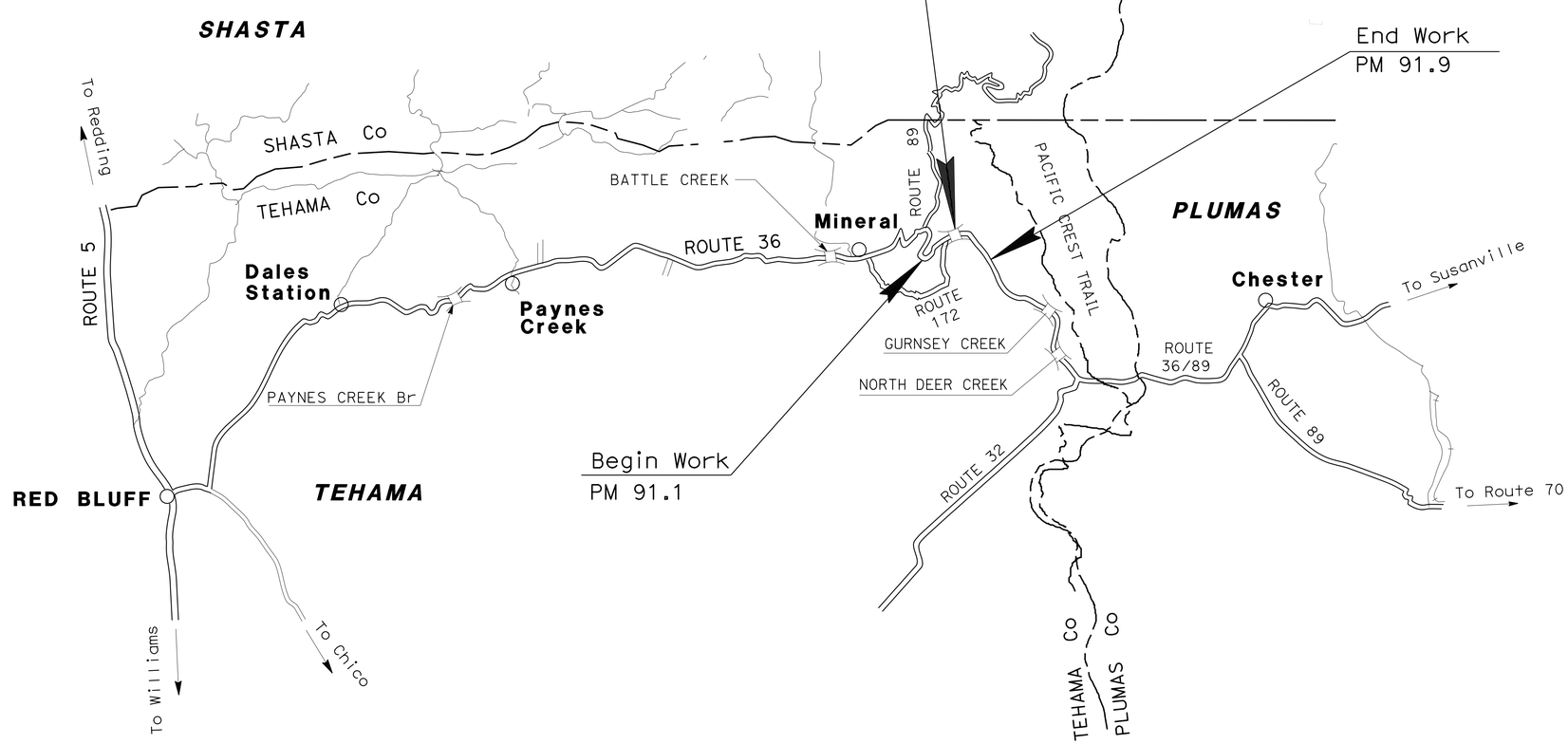
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE SHEET
2	LAYOUT
3-7	CONSTRUCTION DETAILS
8-9	EROSION CONTROL PLANS AND QUANTITIES
10	CONSTRUCTION AREA SIGNS
11	SUMMARY OF QUANTITIES
1 11a	TRAFFIC CONTROL SYSTEM
STRUCTURE PLANS	
12-14	MILL CREEK BRIDGE (SCOUR MITIGATION)

LOCATION MAP

LOCATION OF CONSTRUCTION

MILL CREEK
Br No. 08-0133
PM 91.5



THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

1 REVISED PER ADDENDUM No. 1 DATED FEBRUARY 1, 2013

NO SCALE

A. Mark Loader 10-29-12
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

October 29, 2012
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER A. MARK LOADER No. C55825 Exp. 12-31-12 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.

CONTRACT No.	02-2C2254
PROJECT ID	0200020139

DESIGN ENGINEER: STEVE THORNE
PROJECT MANAGER: ERIC ORR

P:\proj1\02\2c225_plans\contract_plans\Addenda 01-31-13\22c225ab001.dgn

LAST REVISION 10-29-12 DATE PLOTTED => 31-JAN-2013 TIME PLOTTED => 15:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Teh	36	91.5	11a	14

REGISTERED CIVIL ENGINEER 12-7-12 DATE

10-29-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Gurinderpal Bhullar No. C48815 Exp. 9-30-14 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.

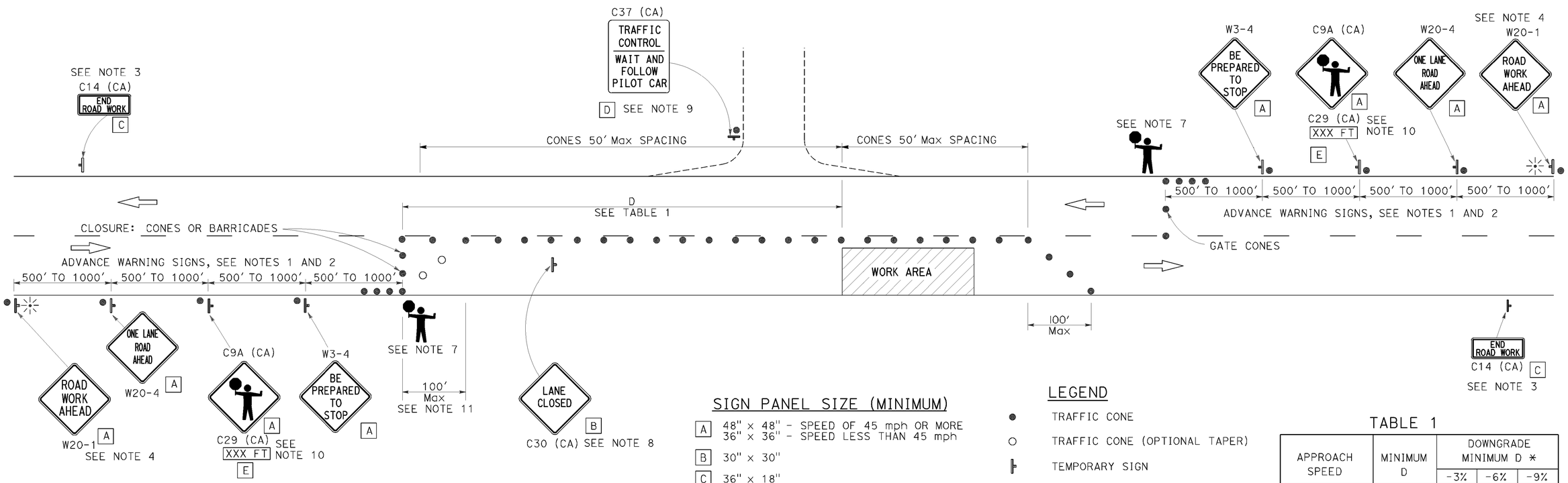
NOTES:

Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on orange background.

California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

1 ADDED PER ADDENDUM No. 1 DATED FEBRUARY 1, 2013

TYPICAL LANE CLOSURE WITH REVERSIBLE CONTROL



SIGN PANEL SIZE (MINIMUM)

- A: 48" x 48" - SPEED OF 45 mph OR MORE; 36" x 36" - SPEED LESS THAN 45 mph
- B: 30" x 30"
- C: 36" x 18"
- D: 36" x 42"
- E: 36" x 9"

LEGEND

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- TEMPORARY SIGN
- PORTABLE FLASHING BEACON
- FLAGGER

TABLE 1

APPROACH SPEED	MINIMUM D	DOWNGRADE MINIMUM D *		
		-3%	-6%	-9%
mph	ft	ft	ft	ft
25 AND BELOW	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785

* USE ON SUSTAINED DOWNGRADE STEEPER THAN -3 PERCENT AND LONGER THAN 1 MILE.

NOTES:

1. Where approach speeds are low, advance warning signs may be placed at 300' spacing, and closer in urban areas.
2. Each advance warning sign in each direction of travel shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
3. A C14 (CA) "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane control unless the end of work area is obvious, or ends within a larger project's limits.
4. If the W20-1 sign would follow within 2000' of a stationary W20-1 or C11 (CA) "ROAD WORK NEXT _____MILES", use a W20-4 sign for the first advance warning sign.
5. All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
6. Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
7. Additional advance flaggers may be required. Flagger should stand in a conspicuous place, be visible to approaching traffic as well as approaching vehicles after the first vehicle has stopped. During the hours of darkness, the flagging-station and flagger shall be illuminated and clearly visible to approaching traffic. The illumination footprint of the lighting on the ground shall be at least 20' in diameter. Place a minimum of four cones at 50' intervals in advance of flagger station as shown.
8. Place C30 (CA) "LANE CLOSED" sign at 500' to 1000' intervals throughout extended work areas. They are optional if the work area is visible from the flagger station.
9. When a pilot car is used, place a C37 (CA) "TRAFFIC CONTROL-WAIT AND FOLLOW PILOT CAR" sign at all intersections within traffic control area. Signs shall be clean and visible at all times.
10. An optional C29 (CA) sign may be placed below the C9A (CA) sign.
11. Traffic cones or barricades may be placed on the optional taper as shown, barricades shall be Type I, II, or III.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE ON TWO LANE CONVENTIONAL HIGHWAYS

NO SCALE

TCS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN
FUNCTIONAL SUPERVISOR JULIE CASEY
CALCULATED-DESIGNED BY GURINDERPAL BHULLAR
CHECKED BY MARK LOADER
REVISED BY
DATE REVISED
P:\proj1\02\2c225_plans\contract_plans\Addenda 01-31-13\22c225uj001.dgn
DATE PLOTTED => 31-JAN-2013
TIME PLOTTED => 15:45
LAST REVISION