

# **INFORMATION HANDOUT**

**For Contract No. 03-4M9404**

**At 03-Sie-49-R11.3/R12.4**

**Identified by**

**Project ID 0313000210**

## **ENCROACHMENT PERMITS**

Sierra County Department of Public Works and Transportation

Permit No. 1551

**SIERRA COUNTY  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
Post Office Box 98  
Downieville, CA 95936  
(530) 289-3201 Fax (530) 289-2828**



September 28, 2015

Caltrans  
Attention: Jack Cowell  
703 B. St. 5<sup>th</sup> Floor  
Marysville, Ca 95901

Dear Mr. Cowell:

Please find enclosed your portion of Encroachment Permit # 1551. Please read this permit, permit conditions and the enclosed Encroachment Permit General Provisions carefully before proceeding with authorized event.

If you should have any questions regarding this matter please call our office at: (530) 289-3201.

Thank you,

SIERRA COUNTY  
DEPARTMENT OF PUBLIC WORKS



Mary Jo Rust  
Administrative Secretary

MJR920

# ENCROACHMENT PERMIT

COUNTY OF SIERRA  
STATE OF CALIFORNIA

NO. 1551

DEPARTMENT OF PUBLIC WORKS  
COURTHOUSE, DOWNIEVILLE

TO: Caltrans Downieville, California

703 B. St. 5th Floor

Marysville, CA 95901

September 10, 2015, 19    

Attention: Jack Cowell

In compliance with your request of September 10, 2015, 19    , and subject to all terms, conditions, and restrictions written below or printed as general in specifications for the construction of County Roads and Subdivision Roads of the County of Sierra.

6/1/2016 to 12/1/2016: Remove and replace guardrail within the County right-of-way along Goodyear Creek Rd. (Rd. S-400), Mountain House Rd. (Rd. S-300) and Highway 49 according to the attached Plans and Specifications.

PERMISSION IS HEREBY GRANTED TO:

The pipe shall be placed at a depth to provide a minimum cover of 30 inches.

No trenches shall be left open overnight nor shall traffic be restricted at night except as authorized by the Department of Public Works.

Backfilling operations shall be performed in accordance with Section 19 of the California Standard Specifications.

The top one foot of trench backfill in unpaved areas shall be composed of material similar to existing material except in unpaved shoulder areas. A minimum of the top 6 inches of backfill shall be  $\frac{3}{4}$  aggregate base when a shoulder of native materials is disturbed within 2 feet of the pavement edge. Minimum Sand Equivalent of aggregate base used for this purpose will be 25.

All road crossings to be accomplished by boring and jacking. If this proves unfeasible then authorization must be obtained from the Department of Public Works to trench in paved areas. When authorization is granted, the pavement shall be cut with saw, abrasive wheel, or spade bit and the upper 8 inches of backfill shall consist of six inches of high early strength Class A portland cement concrete, a tack coat of liquid asphalt and two inches of 85-100 penetration. Asphaltic concrete each placed to one foot outside the underlying trench. Asphaltic concrete shall be placed and compacted to elevation of surrounding pavement without humps or hollows.

Drainage facilities shall be restored to original condition or better.

Materials shall be furnished and placed in the roadbed areas in accordance with the California Standard Specifications dated January, 1981.

Lines shall be kept at least 8 feet from the existing pavement except at the crossing. Any exception to this must be shown on plans approved by this encroachment permit or have the approval from the Department of Public Works.

Standard "Men at Work" signs, other appropriate signs, flags, flagmen, and barricades are to be placed in accordance with the State of California, 1977 Manual of Traffic Controls to warn traffic of the work being done. Should signs or flagmen be considered inadequate at any time, all work shall be suspended until signs have been approved by the Department of Public Works.

ENCROACHMENT PERMIT NO. 1551

PAGE -2-

All Work shall be conducted and completed to the satisfaction of the Department of Public Works, who shall be notified before any work is started by telephoning.

All work shall be guaranteed for one year against settlement or other failures.

Particular attention is directed to Section 1463 of the Streets and Highways Code, which provides that in the event of the future improvement of any of the aforesaid roads necessitates the relocation of this encroachment, the Permittee will relocate same at his sole expense.

The County will assume no maintenance responsibility for the encroachment to be placed under the terms of this permit.

The Permittee shall protect and indemnify the County of Sierra, and all officers and employees thereof connected with the encroachment work, against any claim or liability arising from said work or based on the violation of any law, ordinance, regulation, order, or decree whether by himself or his employees.

Upon completion of work, please notify these offices by telephoning (916) 289-3201.

PERMIT FEE <u>-0-</u> BOND <u>-0-</u>	PERMITTEE MUST CALL FOR THE FOLLOWING INSPECTIONS		
	Type of Inspection	Date	Inspector
	Preconstruction Approval & Inspection		
	Construction Inspection		
	Completion of Project		
	Other		

NOTIFY PROJECT INSPECTOR Mark Daigle PHONE: 530-289-3201

All work required under said permit shall be subject to inspection by the Sierra County Road Department and shall meet standards set by the Road Department. If said work does not meet the standards thus set, the Road Commissioner shall cause the work to be completed to the said standards by the County Road Department, and the costs thereof shall be paid by Permittee. The liability of Permittee and Bondsmen under the terms of this permit shall continue until the County Project Inspector shall have given a certificate of completion that the provisions of this permit have been fully and completely complied with.

This permit is to be strictly construed and no work other than that specifically mentioned above is authorized hereby.

This permit shall be void unless the work herein contemplated shall have been completed before December 1, 2016, 19    

PLANNING DEPARTMENT  
 BY: [Signature] / 9-14-15  
 Date

DEPARTMENT OF PUBLIC WORKS  
 BY: [Signature] /                       
 Director Date

SHERIFF  
 BY:                      /                       
 Date

BY: [Signature] / 9-14-15  
 Inspector Date





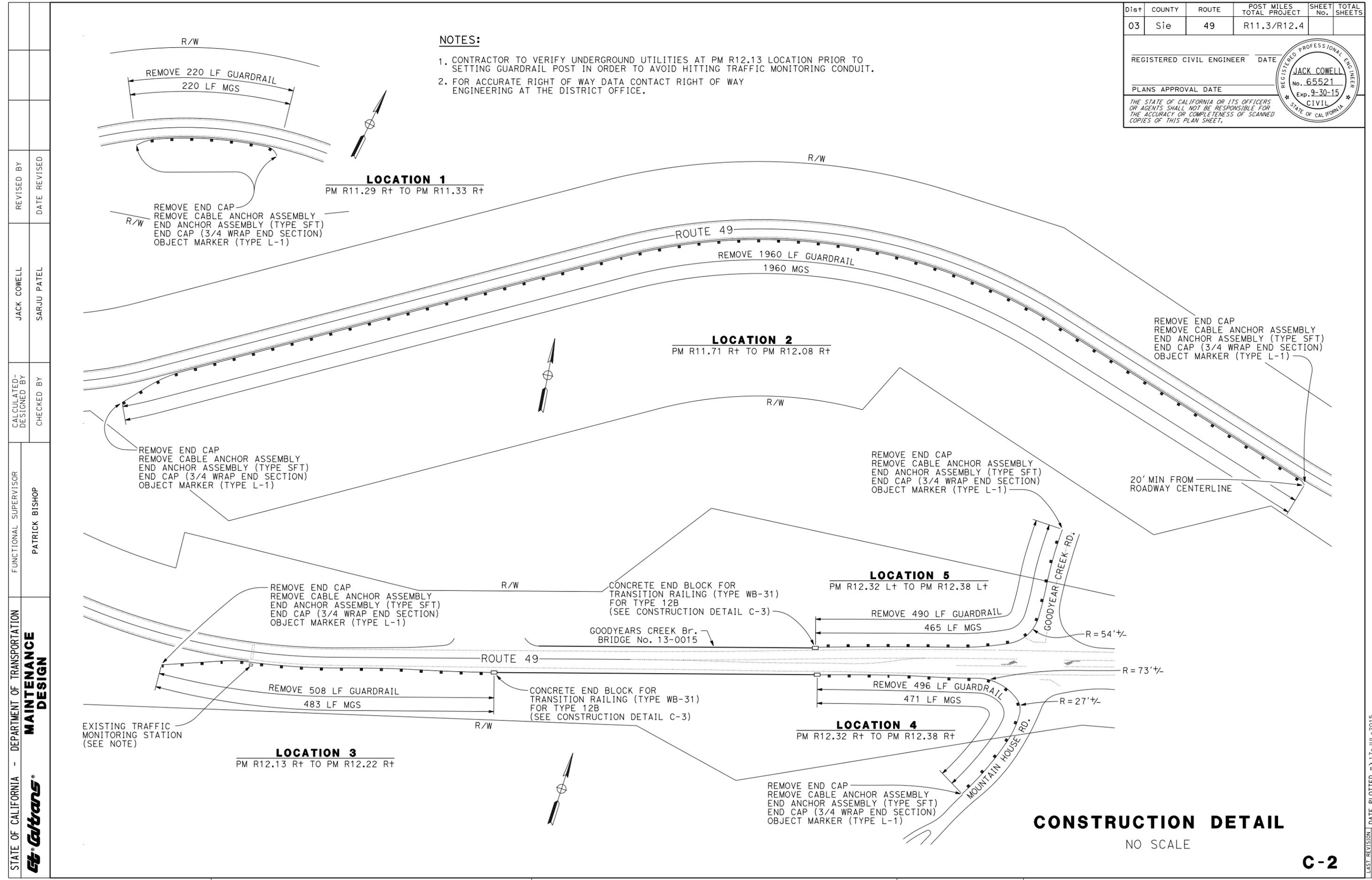
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sie	49	R11.3/R12.4		

REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	
<small>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.</small>	

**NOTES:**

1. CONTRACTOR TO VERIFY UNDERGROUND UTILITIES AT PM R12.13 LOCATION PRIOR TO SETTING GUARDRAIL POST IN ORDER TO AVOID HITTING TRAFFIC MONITORING CONDUIT.
2. FOR ACCURATE RIGHT OF WAY DATA CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



**CONSTRUCTION DETAIL**

NO SCALE

**C-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE DESIGN**  
 FUNCTIONAL SUPERVISOR: PATRICK BISHOP  
 DESIGNED BY: JACK COWELL  
 CHECKED BY: SARJU PATEL  
 REVISIONS: (x) REVISED BY: (x) DATE REVISED: (x)

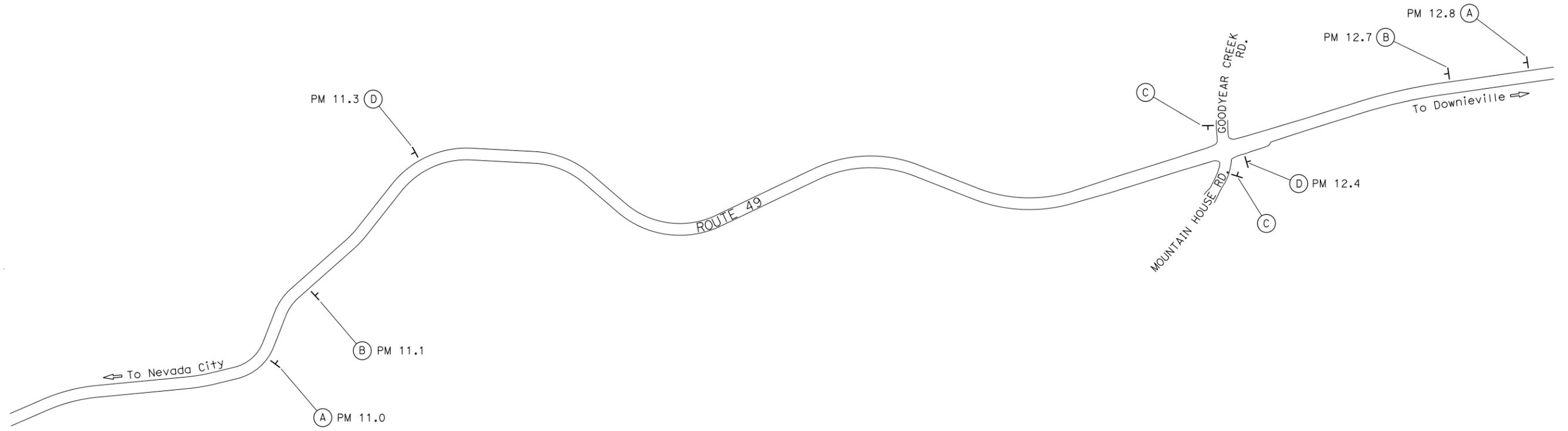
DATE PLOTTED => 17-JUL-2015  
 TIME PLOTTED => 12:51  
 LAST REVISION: 00-00-00



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sie	49	R11.3/R12.4		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
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**NOTE:**

1. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.



**STATIONARY MOUNTED CONSTRUCTION AREA SIGNS**

SIGN LETTER	SIGN CODE	SIGN MESSAGE	PANEL SIZE	No. OF POSTS AND SIZE	No. OF SIGNS
(A)	G20-1	ROAD WORK NEXT 3 MILES	60" x 36"	2 - 4" x 4"	2
(B)	C40(CA)	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	72" x 42"	2 - 4" x 6"	2
(C)	W20-1	ROAD WORK AHEAD	36" x 36"	1 - 4" x 4"	2
(D)	G20-2	END ROAD WORK	36" x 18"	1 - 4" x 4"	2

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

**CONSTRUCTION AREA SIGNS**

NO SCALE

**CS-1**

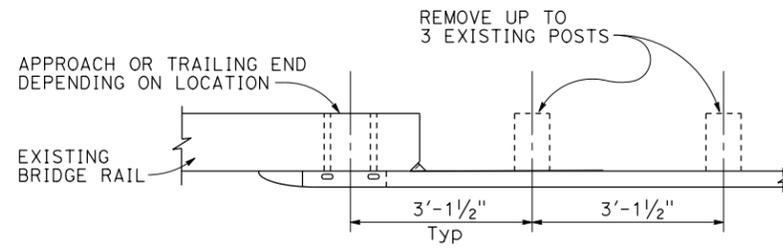
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE DESIGN**

FUNCTIONAL SUPERVISOR: PATRICK BISHOP  
 CALCULATED-DRAWN BY: JACK COWELL  
 CHECKED BY: SARJU PATEL  
 REVISED BY: DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sie	49	R11.3/R12.4		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
<small>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.</small>					

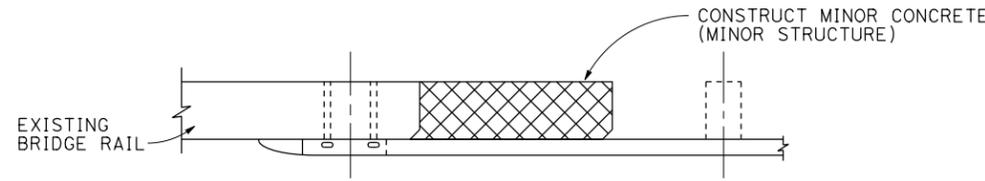
**NOTES:**

1. REMOVE UP TO 3 EXISTING POSTS AT ONE TIME.
2. DURING CONSTRUCTION, GUARDRAIL MUST BE NESTED IN ABSENCE OF POSTS AT CONCRETE END BLOCK.



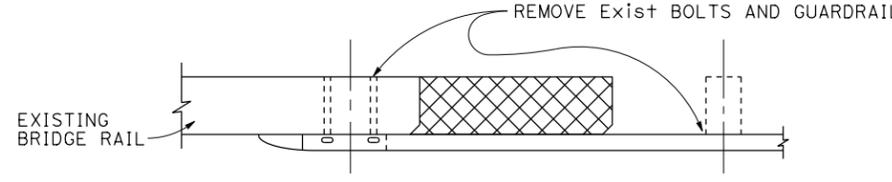
OR

PLAN VIEW  
**STAGE 1**



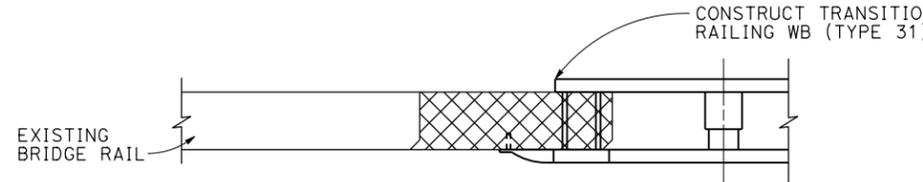
OR

PLAN VIEW  
**STAGE 2**



OR

PLAN VIEW  
**STAGE 3**



OR

PLAN VIEW  
**STAGE 4**

**STAGE CONSTRUCTION PLAN**

NO SCALE

**SC-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**MAINTENANCE DESIGN**

REVISIONS:  
 x  
 REVISION BY: ERIC SOUZA  
 DATE: SARJU PATEL  
 x  
 CALCULATED-DESIGNED BY: PATRICK BISHOP  
 CHECKED BY:  
 x  
 REVISION BY: DATE:  
 x  
 REVISION BY: DATE:

FUNCTIONAL SUPERVISOR  
 PATRICK BISHOP

DESIGNED BY  
 JACK COWELL

CHECKED BY  
 SARJU PATEL

REVISIONS

REVISED BY

DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Sie	49	R11.3/R12.4		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

JACK COWELL  
 No. 65521  
 Exp. 9-30-15  
 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.

**MIDWEST GUARDRAIL SYSTEM**

LOCATION	LOCATION/ DESCRIPTION		(N)	(N)	REMOVE END CAP	REMOVE CABLE ANCHOR ASSEMBLY	REMOVE GUARDRAIL	MIDWEST GUARDRAIL SYSTEM	(N)	CONCRETE END BLOCK	MINOR CONCRETE (MINOR STRUCTURE)	TRANSITION RAILING (TYPE WB-31)	END ANCHOR ASSEMBLY (TYPE SFT)	END CAP (3/4 WRAP END SECTION)	OBJECT MARKER (TYPE L-1)	(N)	END CAP (Type TC)	TREATED WOOD WASTE	
	POST MILE	L+/R+																	EA
1	11.29 - 11.33	R+	2	2	220	220							2	2	2				4,700
2	11.71 - 12.08	R+	2	2	1960	1960							2	2	2				41,000
3	12.13 - 12.22	R+	1	1	508	483	1						1	1	1				10,800
4	12.32 - 12.38	R+	1	1	496	471		1.1	1	1	1	1	1	1	1	1	1		10,500
5	12.32 - 12.38	L+	1	1	490	465	1	1.1	1	1	1	1	1	1	1	1	1		10,400
SUB-TOTAL			7	7	3,674	3,599	2	2.2	2	7	7	7	7	7	7	2			77,400
TOTAL					3,674	3,599		2.2	2	7	7	7	7	7	7				77,400

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

**TEMPORARY DRAINAGE INLET PROTECTION**

LOCATION	TEMPORARY DRAINAGE INLET PROTECTION	DESCRIPTION OF INLET TO BE PROTECTED	
			POST MILE
R11.78	R+	1	DRAINAGE INLET
MOUNTAIN HOUSE Rd.	R+	1	DOWNDRAIN PIPE INLET IN AC DIKE
GOODYEARS CREEK Rd.	L+	1	DOWNDRAIN PIPE INLET IN AC DIKE
TOTAL			3

**SUMMARY OF QUANTITIES**

**Q-1**

DATE PLOTTED => 17-JUL-2015  
 TIME PLOTTED => 12:45