

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	10.6/21.5	2	19
<i>Nader Sabatinojadesadat</i> REGISTERED CIVIL ENGINEER			12-22-15	DATE	
2-8-16 PLANS APPROVAL DATE					
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:**

- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- EXISTING UTILITIES HAVE NOT BEEN PLOTTED ON THIS PLAN.
- FOR EXACT LOCATIONS AND DIMENSIONS OF THE COLD PLANE ASPHALT CONCRETE PAVEMENT AND LIMITS OF THE COLD PLANE AREAS, SEE SHEET Q-1 OR AS DIRECTED BY THE ENGINEER.
- THE LIMITS AND AREA OF THE COLD PLANE MAYBE ADJUSTED BY THE ENGINEER.
- ALL COLD PLANE AREA SHALL BE PAVED PRIOR TO END OF THE WORK DAY.
- THE EXACT LIMITS OF THE SHOULDER BACKING AREA SHALL BE DETERMINED BY THE ENGINEER.
- ALL EXISTING PAVED DRIVEWAYS AND SIDE STREET INTERSECTIONS SHALL BE COLD PLANED AND PAVED TO THE LIMITS OF EXISTING STATE RIGHT OF WAY LINE AS SHOWN IN THE DETAILS ON SHEET C-1 OR AS DIRECTED BY THE ENGINEER.
- FOR ESA LOCATION, SEE SHEET C-1.
- PRIOR TO COLD PLANE OPERATION, RESET EXISTING TEMPORARY RAILING (TYPE K) ALONG SOUTHBOUND LANE (POST MILE 13.4±). THE EXACT LENGTH OF THE RAILING SHALL BE DETERMINED BY THE ENGINEER. (FOR ADDITIONAL INFORMATION, SEE SHEET Q-2).
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**ABBREVIATION:**

& AND

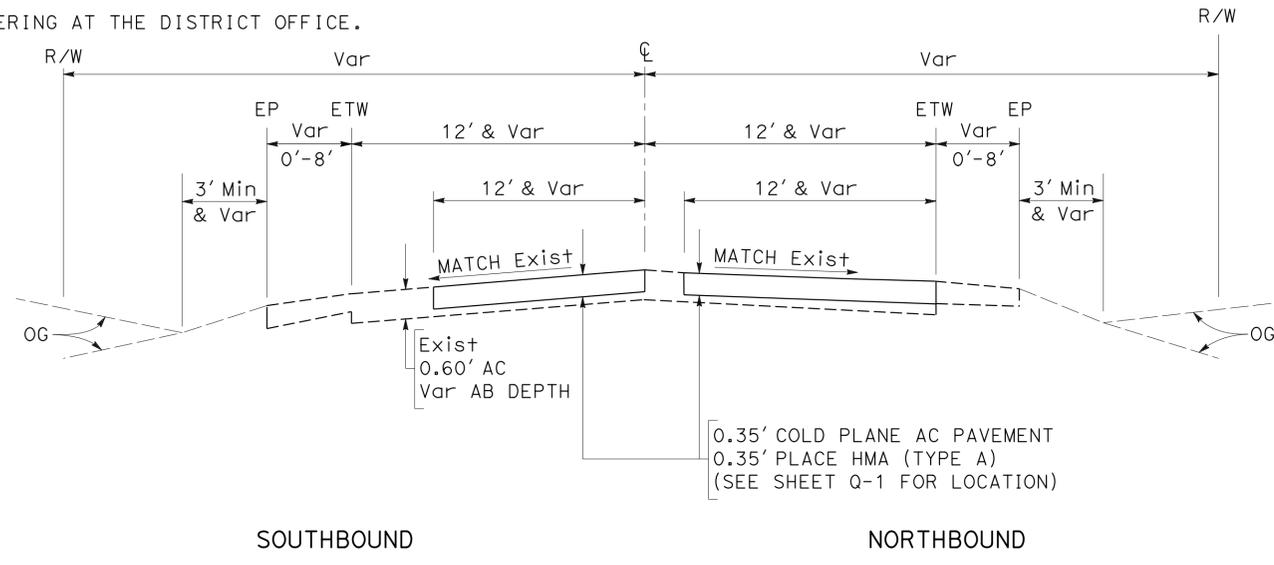
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
*Caltrans*  
 DESIGN

REVISOR: NS  
 DATE: 2-4-16

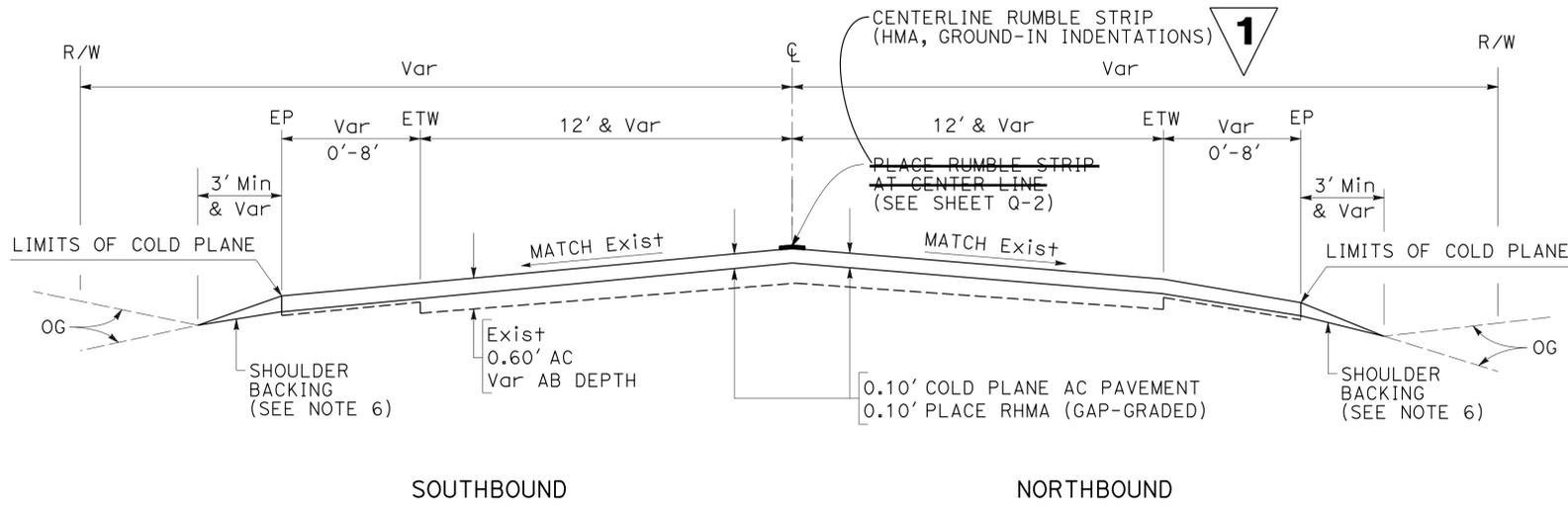
REVISOR: NADER SABETTINOJADEHSADAT  
 DATE: 2-4-16

DESIGNER: RONNIE CHUA  
 CHECKED BY: RONNIE CHUA

FUNCTIONAL SUPERVISOR: RONNIE CHUA



**ROUTE 1**  
 PM 10.6 - PM 21.5



**ROUTE 1**  
 PM 10.6 - PM 21.5

**TYPICAL CROSS SECTION**  
 NO SCALE

**1** REPLACED PER ADDENDUM No. 1 DATED APRIL 1, 2016

X-1

LAST REVISION DATE PLOTTED => 30-MAR-2016  
 03-30-16 TIME PLOTTED => 14:12

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SM	1	10.6/21.5	11	19

*Nader Sabatinojadesadat* 12-22-15  
 REGISTERED CIVIL ENGINEER DATE

2-8-16  
 PLANS APPROVAL DATE

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.

REGISTERED PROFESSIONAL ENGINEER  
 Nader Sabatinojadesadat  
 No. 69874  
 Exp. 9-30-16  
 CIVIL  
 STATE OF CALIFORNIA

**NOTES:**

- AS PART OF COLD PLANE OPERATION, REMOVE EXISTING AC DIKE TO THE SAME LEVEL AS THE RHMA (D=0.10') AS SHOWN IN CONSTRUCTION DETAILS ON SHEET C-2. THE PROPOSED AC DIKE SHALL REPLACE THE EXISTING AC DIKE AT THE SAME LOCATION WITH SAME EXISTING FLOW LINE. THE EXACT LIMITS SHALL BE DETERMINED BY THE ENGINEER.
- AC DIKE SHALL BE OF TYPE-F ALONG THE EXISTING GUARD RAILINGS AND TYPE-E ALONG THE EXISTING PAVED SHOULDER. FOR ADDITIONAL INFORMATION, SEE STANDARD PLANS OR AS DIRECTED BY THE ENGINEER.
- THE LIMITS OF EXISTING HMA DIKE SHALL BE MARKED, AND THE TYPE SHALL BE IDENTIFIED PRIOR TO THE REMOVAL OF THE HMA DIKE.

**1**

**CENTERLINE RUMBLE STRIP**  
~~(AC, ROLLED-IN INDENTATION)~~ (HMA, GROUND-IN INDENTATIONS)

LOCATION PM	DIRECTION	LF	STA
10.6 - 21.5	CL	57552	576

**RESET EXISTING TEMPORARY RAILING (TYPE K)**

LOCATION PM	DIRECTION	LF
13.35 - 13.41	SB	340

**1**

**HOT MIX ASPHALT DIKE**

DIRECTION	POST MILE	REMOVE AC DIKE		PLACE HMA DIKE		HMA (TYPE A) TON
		TYPE E	TYPE F	TYPE E	TYPE F	
		LF		LF		
NB	10.6-21.5	5216	11980	5216	11980	298
SB	10.6-21.5	8976	7106	8976	7106	331
<b>SUBTOTAL</b>	10.6-21.5	14192	19086	14192	19086	629
<b>TOTAL</b>	10.6-21.5	33278		14192	19086	629

**1**

**SUMMARY OF ROADWAY QUANTITIES**

DIRECTION	POST MILE	HMA (TYPE A)				RHMA-(GAP GRADED)		TACK COAT TON	SHOULDER BACKING TON		
		<del>PLACE</del> HMA-DIKE		COLD PLANE D=0.35'	COLD PLANE D=0.1'						
		TYPE E	TYPE F								
		LF (N)	TON	LF (N)	TON	SQYD	TON				
NB	10.6-21.5	5216	137	11980	161	847	201	120726	8149	50	173
SB	10.6-21.5	8976	236	7106	95	907	215	120242	8117	50	452
<b>SUBTOTAL</b>		14192	373	19086	256	1754	416	240968	16266	100	625
<b>GRAND TOTAL</b>		1045 (TON)				16266 (TON)		100	625		

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

**1** REPLACED PER ADDENDUM No. 1 DATED APRIL 1, 2016

**SUMMARY OF QUANTITIES**  
**Q-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 NADER SABETTINOJADEHSADAT  
 RONNIE CHUA  
 RONNIE CHUA  
 DESIGN

LAST REVISION DATE PLOTTED => 30-MAR-2016  
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