Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	0.5/6.6	1	8

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE SHEET AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
3-5	CONSTRUCTION DETAILS
6	CONSTRUCTION AREA SIGNS
7	SUMMARY OF QUANTITIES
8	REVISED STANDARD PLANS

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

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

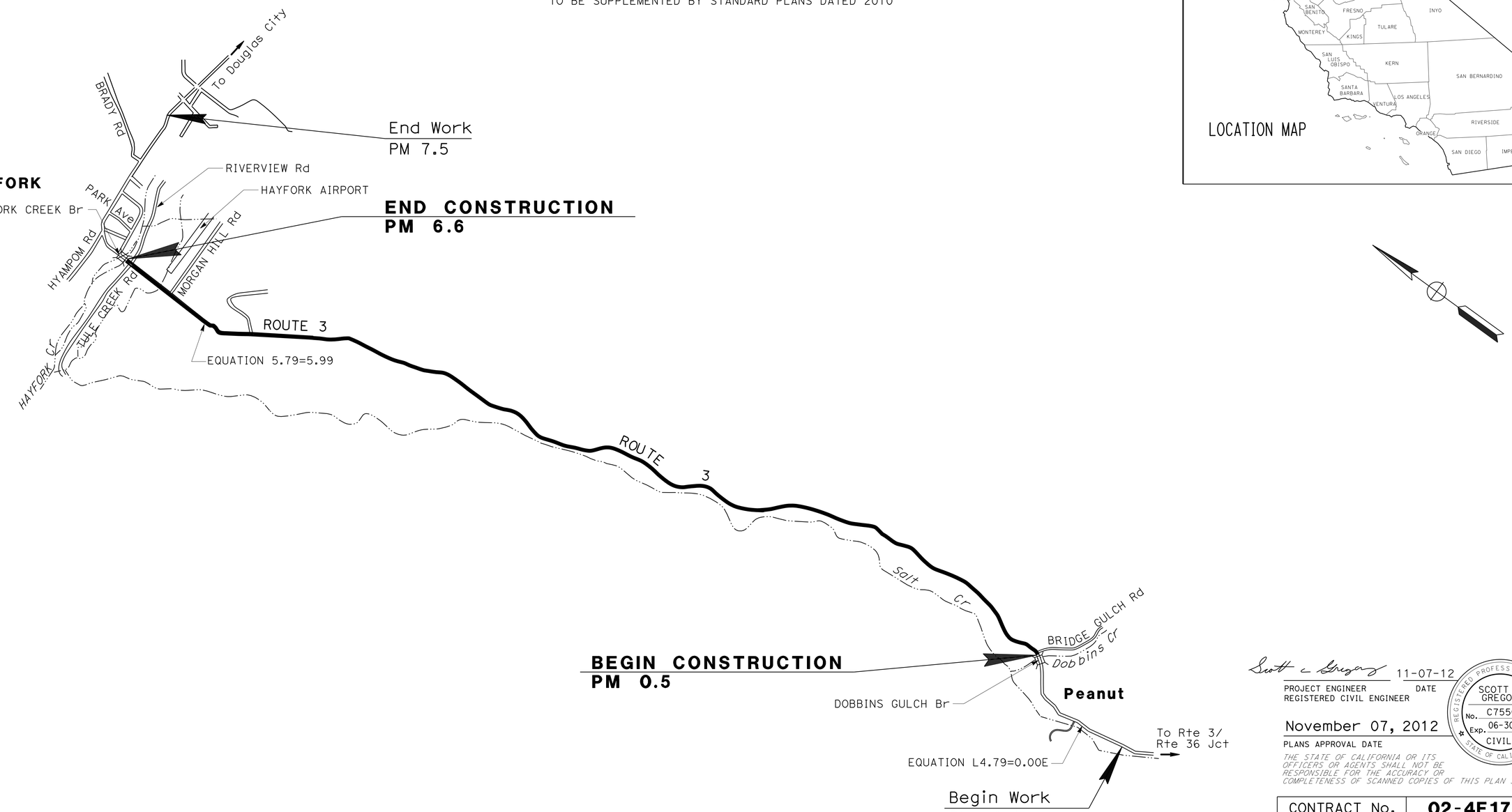
PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN TRINITY COUNTY AT AND NEAR PEANUT FROM DOBBINS GULCH BRIDGE TO 0.3 MILE NORTH OF MORGAN HILL ROAD

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010

LOCATION MAP



NO SCALE

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

Scott C. Gregory 11-07-12
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

November 07, 2012
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
SCOTT C. GREGORY
No. C75565
Exp. 06-30-14
CIVIL
STATE OF CALIFORNIA

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CONTRACT No.	02-4F1704
PROJECT ID	0212000120

LAST REVISION 11-07-12
DATE PLOTTED => 08-NOV-2012
TIME PLOTTED => 07:09

PROJECT MANAGER: DON ANDERSON
DESIGN ENGINEER: DON ANDERSON

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	0.5/6.6	2	8

Scott C. Gregory 11-07-12
REGISTERED CIVIL ENGINEER DATE

11-07-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
SCOTT C. GREGORY
No. C75565
Exp. 06-30-14
CIVIL
STATE OF CALIFORNIA

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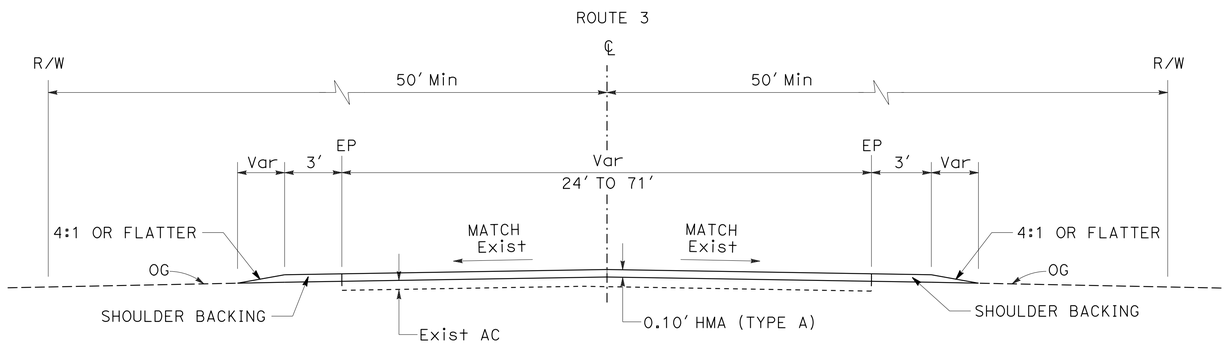
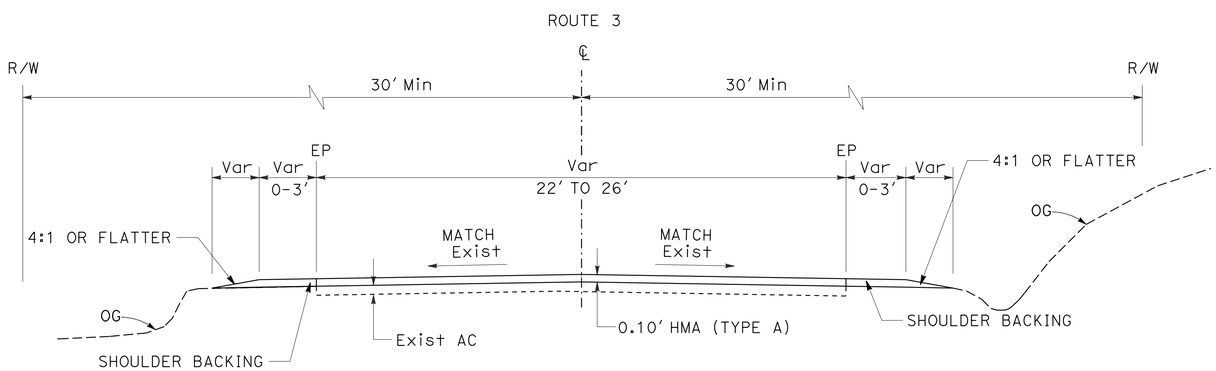
NOTES:

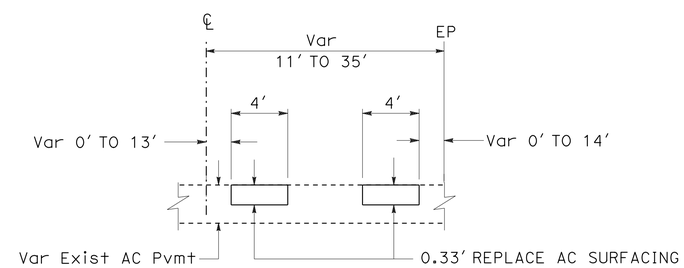
1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATIONS AS SHOWN OR AS DETERMINED BY THE ENGINEER.
3. EXISTING UTILITY FACILITIES ARE NOT SHOWN ON THESE PLANS.
4. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



TYPICAL CROSS SECTION
PM 5.50 TO PM 6.52



TYPICAL CROSS SECTION
PM 0.56 TO PM 5.50



REPLACE AC SURFACING

TYPICAL CROSS SECTIONS

NO SCALE

X-1

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	CHECKED BY
SCOTT GREGORY	DENISE FUZERE

FUNCTIONAL SUPERVISOR: DON ANDERSON

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	0.5/6.6	3	8

REGISTERED CIVIL ENGINEER 11-07-12 DATE

11-07-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. GREGORY No. C75565 Exp. 06-30-14 CIVIL STATE OF CALIFORNIA

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NOTES:

1. EXISTING UTILITY FACILITIES ARE NOT SHOWN ON THESE PLANS.

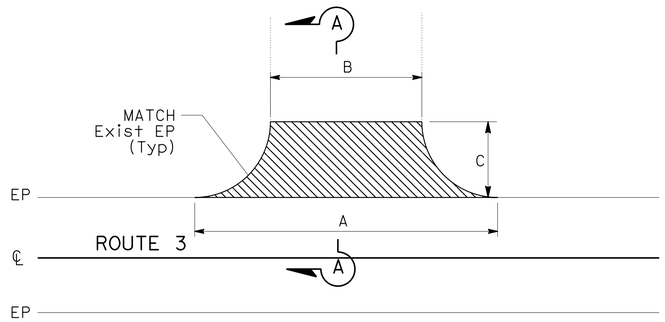
LEGEND:

COLD PLANE ASPHALT CONCRETE PAVEMENT (0.00' TO 0.10')

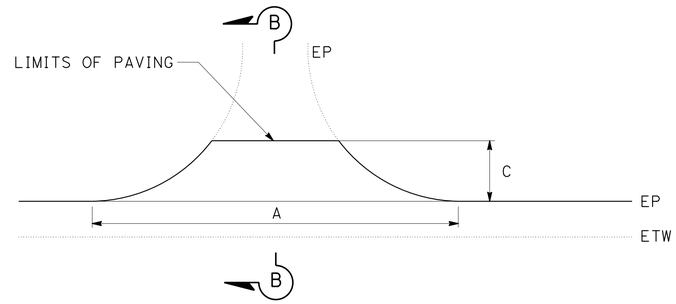
0.10' COLD PLANE ASPHALT CONCRETE PAVEMENT
0.10' HMA (TYPE A)

ABBREVIATIONS:

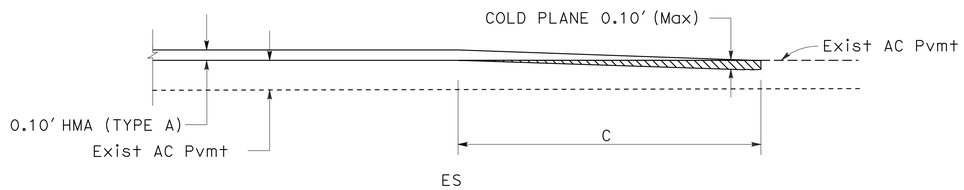
COLD PLANE	COLD PLANE ASPHALT CONCRETE PAVEMENT



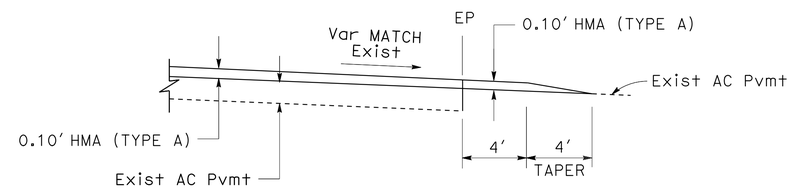
ROAD CONNECTIONS - CASE A



ROAD CONNECTIONS - CASE B



SECTION A-A



SECTION B-B

ROAD CONNECTIONS

ROAD CONNECTION	SIDE	POST MILE	DIMENSIONS (LF)			CASE
			A	B	C	
DRIVEWAY	Rt	0.59	24	-	8	B
BRIDGE GULCH Rd	Rt	0.63	80	-	8	B
DRIVEWAY	Rt	1.79	40	-	8	B
DRIVEWAY	Lt	2.00	52	-	8	B
DRIVEWAY	Lt	2.84	27	-	8	B
DRIVEWAY	Lt	3.03	27	-	8	B
DRIVEWAY	Lt	3.19	30	-	8	B
DRIVEWAY	Lt	3.23	60	-	8	B
DRIVEWAY	Rt	3.23	60	-	8	B
DRIVEWAY	Rt	3.26	50	-	8	B
DRIVEWAY	Lt	4.39	22	-	8	B
DRIVEWAY	Lt	5.45	47	-	8	B
HAYFORK DUMP Rd	Rt	5.70	130	57	25	A
FAIR GROUNDS Rd	Rt	6.02	62	37	8	A
FAIR GROUNDS Rd	Rt	6.12	63	47	8	A
FELCH St	Lt	6.15	44	24	20	A
DRIVEWAY	Lt	6.19	53	-	8	B
MORGAN HILL Rd	Rt	6.22	83	40	20	A
DRIVEWAY	Lt	6.36	21	-	8	B
DRIVEWAY	Lt	6.43	32	-	8	B
RIVERVIEW Rd	Rt	6.49	110	58	25	A
TULE CREEK Rd	Lt	6.49	97	56	25	A

CONSTRUCTION DETAILS

NO SCALE

C-1

REVISED BY | DATE REVISED
SCOTT GREGORY | DENISE FUZERE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
DON ANDERSON

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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02	Tri	3	0.5/6.6	4	8

REGISTERED CIVIL ENGINEER 11-07-12 DATE

11-07-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. GREGORY No. C75565 Exp. 06-30-14 CIVIL STATE OF CALIFORNIA

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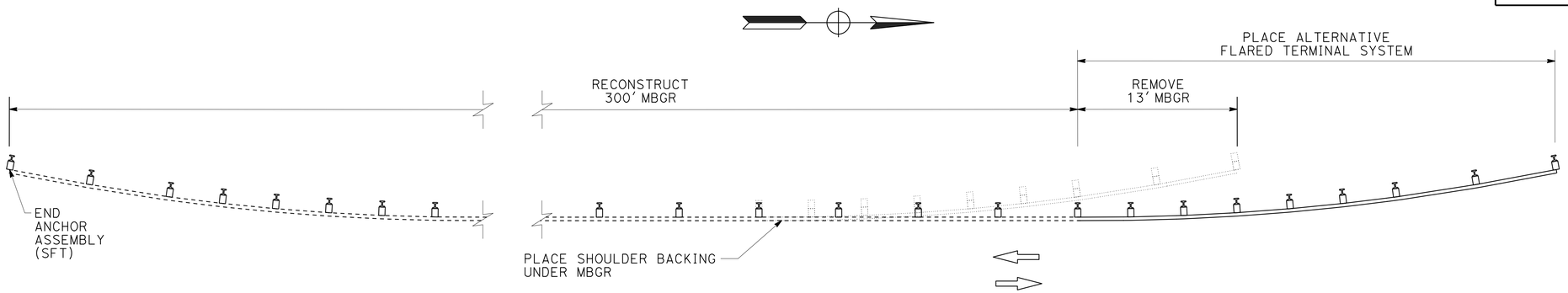
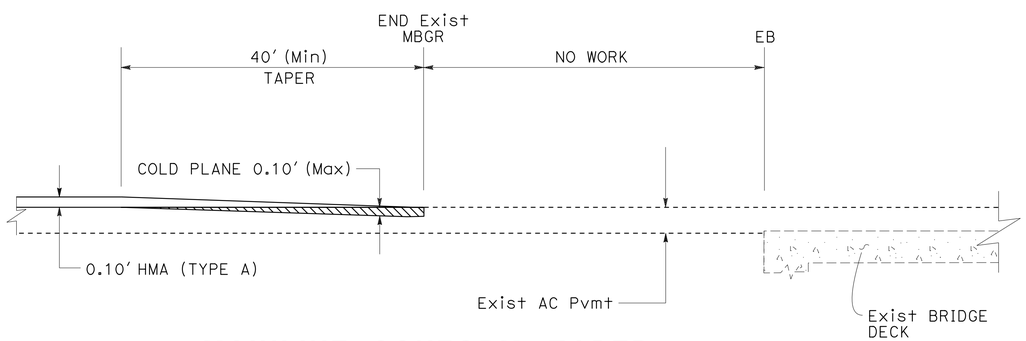
NOTE:

1. EXISTING UTILITY FACILITIES ARE NOT SHOWN ON THESE PLANS.

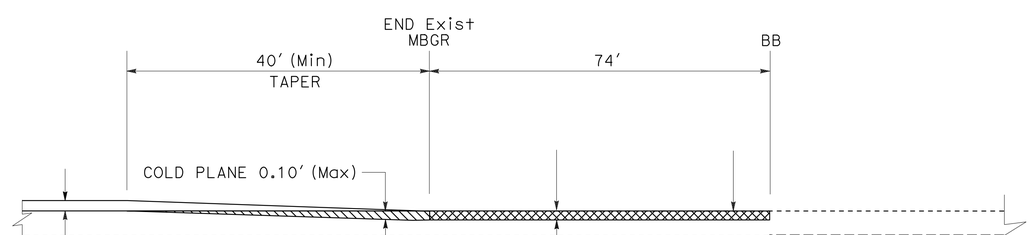


RECONSTRUCT MBGR AT PM 3.50



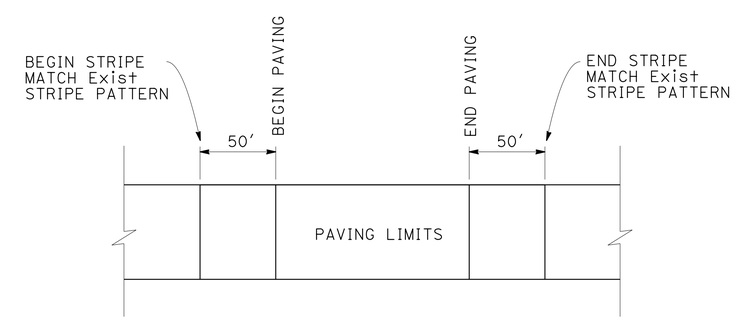
MAINLINE CONFORM TAPER

DOBBINS GULCH Br



MAINLINE CONFORM TAPER

HAYFORK CREEK Br



TRAFFIC STRIPE MATCH DETAIL

CONSTRUCTION DETAILS

NO SCALE

C-2

REVISED BY	DATE REVISED
SCOTT GREGORY	DENISE FUZERE
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	DON ANDERSON

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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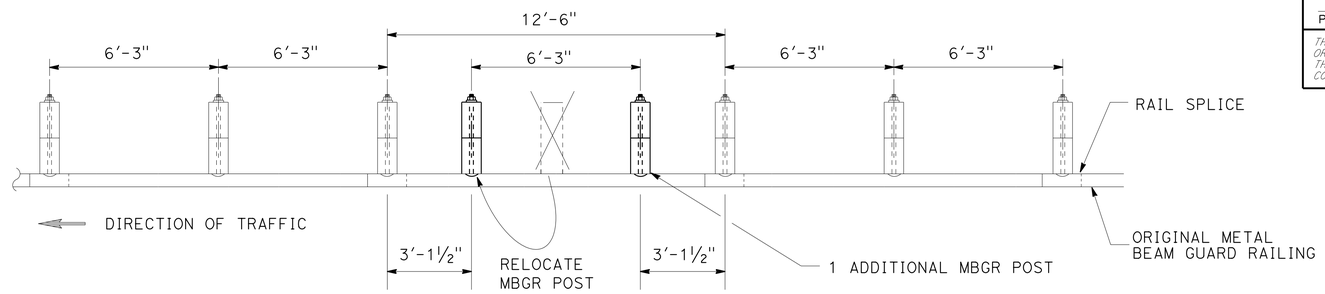
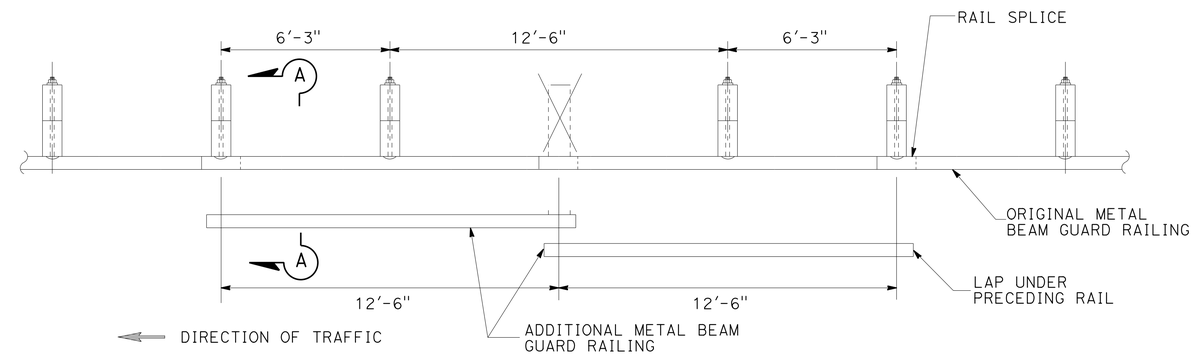
NOTES:

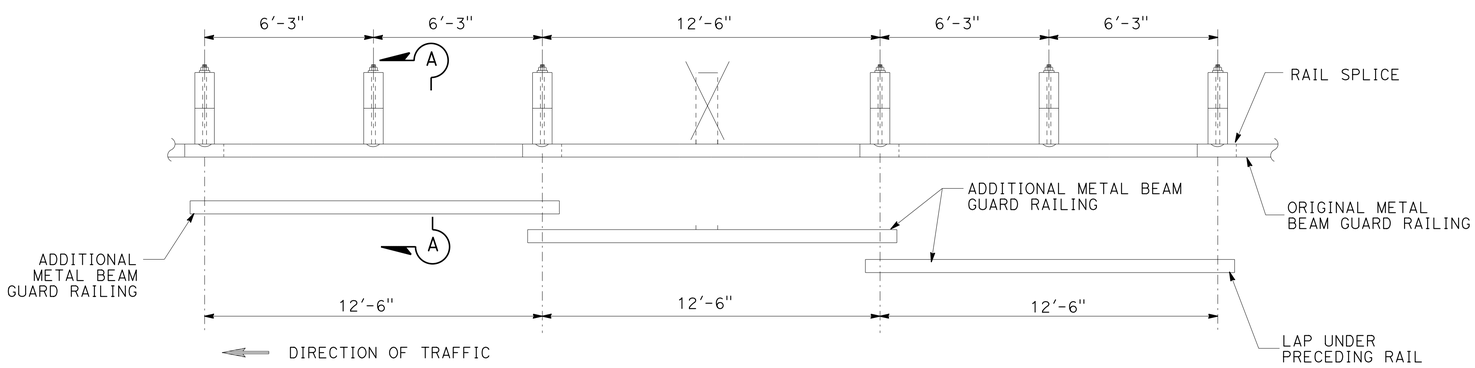
1. LAP ALL RAILS AT EXISTING RAIL LAPS.
2. WHEN A POST IS REMOVED AND THE RAIL ELEMENTS ARE LAPPED, THEN THE LAPPED ELEMENTS MUST BE SUPPORTED BY A Min OF 2 POSTS OR ADD ADDITIONAL LENGTH OF LAPPED ELEMENTS.
3. EXISTING UTILITY FACILITIES ARE NOT SHOWN ON THESE PLANS.



CASE 1
(ONE POST OMITTED, MOVE THE POST and ADD ONE POST)

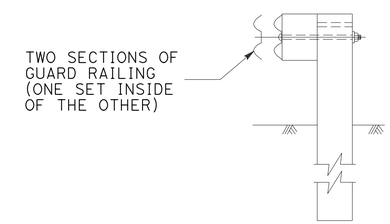


CASE 2
(ONE POST OMITTED AT JUNCTION OF TWO ELEMENTS)



CASE 3
(ONE POST OMITTED AT CENTER OF OF ELEMENT)

LONG SPAN NESTED GUARD RAILING



SECTION A-A

TYPICAL RAILING OVERLAP INSTALLATION AT POST

CONSTRUCTION DETAILS

NO SCALE

C-3

REVISED BY | DATE REVISED
SCOTT GREGORY | DENISE FUZERE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR | DON ANDERSON

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11-07-12

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REGISTERED CIVIL ENGINEER 11-07-12 DATE

11-07-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER SCOTT C. GREGORY No. C75565 Exp. 06-30-14 CIVIL STATE OF CALIFORNIA

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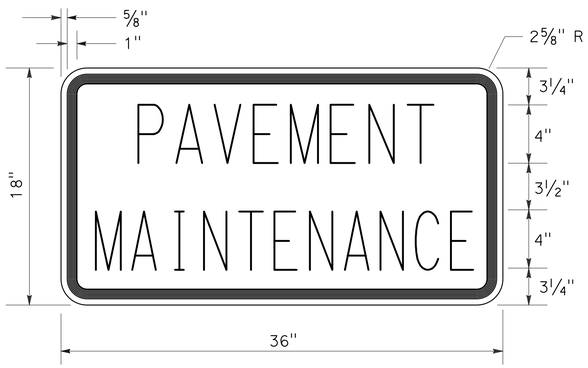
NOTES:

1. EXACT LOCATION OF ALL SIGNS TO BE DETERMINED BY THE ENGINEER.
2. CALIFORNIA CODES ARE DESIGNATED BY (CA), OTHERWISE FEDERAL CODES ARE SHOWN.
3. EXISTING UTILITY FACILITIES ARE NOT SHOWN ON THESE PLANS.
4. INTERMEDIATE G20-1 SIGNS SHOULD BE PLACED EVERY 3 TO 5 MILES AS NECESSARY.



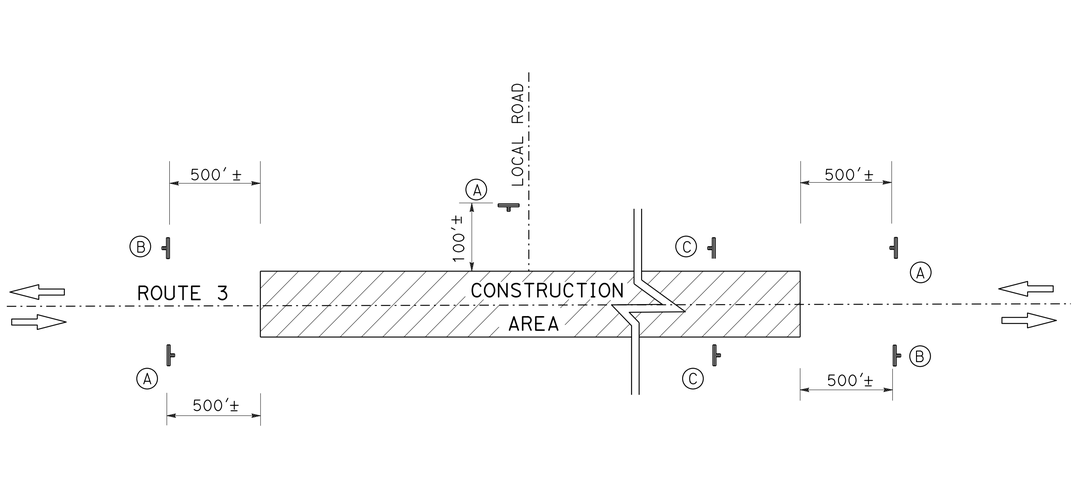
C23B(CA) SIGN PANEL DETAIL

LOCAL ROADS

PM	DESCRIPTION
0.63	BRIDGE GULCH Rd - R†
5.70	HAYFORK DUMP Rd - R†
6.02	FAIR GROUNDS Rd - R†
6.12	FAIR GROUNDS Rd - R†
6.15	FELCH Rd - R†
6.22	MORGAN HILL Rd - R†
6.49	TULE CREEK Rd - L†
6.49	RIVERVIEW Rd - R†
6.58	CLINIC Ave - R†

CONSTRUCTION AREA SIGNS (STATIONARY MOUNTED)

TYPE	CODE	PANEL SIZE	SIGN MESSAGE	No. AND SIZE OF POST	No. OF SIGNS
Ⓐ	W20-1 C23B(CA)	48" x 48" 36" x 18"	ROAD WORK AHEAD "PAVEMENT MAINTENANCE"	1- 4" x 6"	11
Ⓑ	G20-2	36" x 18"	END ROAD WORK	1- 4" x 4"	2
Ⓒ	G20-1	36" x 18"	ROAD WORK AHEAD NEXT XX MILES	1- 4" x 4"	2



CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

REVISED BY | DATE REVISED
SCOTT GREGORY | DENISE FUZERE
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11-07-12
PLANS APPROVAL DATE

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NOTES:

1. (N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.
2. EXISTING UTILITY FACILITIES ARE NOT SHOWN ON THESE PLANS.

PREPAVE GRINDING DAY

PM	EA
0.56-6.52	4

ROADWAY QUANTITIES

POST MILE LIMITS	(N) WIDTH	(N) LENGTH	HOT MIX ASPHALT (TYPE A)	TACK COAT	SHOULDER BACKING
PM - PM	LF	LF	TON	TON	TON
0.56-0.65	23.0-23.5	475.2			
0.65-1.29	23.5-23.2	3379.2			
1.29-1.54	23.2-23.0	1320.0			
1.54-1.75	23.0-25.0	1108.8			
1.75-1.82	25.0-26.0	369.6			
1.82-2.03	26.0-24.5	1108.8			
2.03-2.25	24.5-22.0	1161.6			
2.25-2.40	22.0-23.5	792.0	5746	24.8	1491
2.40-2.69	23.5-23.8	1520.6			
2.69-3.10	23.8-23.4	2175.4			
3.10-3.26	23.4-23.3	844.8			
3.26-3.60	23.3-23.0	1795.2			
3.60-3.88	23.0-24.0	1478.4			
3.88-5.79	24.0	10,084.8			
5.99-6.00	24.0	52.8			
6.00-6.12	24.0-27.0	633.6			
6.12-6.13	27.0-31.0	52.8			
6.13-6.14	31.0-36.0	52.8			
6.14-6.30	36.0-36.5	844.8			
6.30-6.44	36.5-54.5	739.2			
6.44-6.50	54.5-71.0	316.8			
6.50-6.52	71.0-50.6	105.6			
ROAD CONNECTIONS AND DRIVEWAYS			96	0.5	
		TOTAL	5842	25.3	1491

COLD PLANE ASPHALT CONCRETE PAVEMENT

POST MILE LIMITS	(N) LENGTH	(N) WIDTH	AREA	REMARKS
	LF	LF	SQYD	
0.56	40	23	102	MAINLINE CONFORM TAPER
5.70	57-130	25	260	ROAD CONNECTION CONFORM TAPER - R†
6.02	37-62	8	44	ROAD CONNECTION CONFORM TAPER - R†
6.12	47-63	8	49	ROAD CONNECTION CONFORM TAPER - R†
6.15	24-44	20	76	ROAD CONNECTION CONFORM TAPER - L†
6.22	40-83	20	137	ROAD CONNECTION CONFORM TAPER - R†
6.49	58-110	25	233	ROAD CONNECTION CONFORM TAPER - R†
6.49	56-97	25	213	ROAD CONNECTION CONFORM TAPER - L†
6.52	114	51-71	773	MAINLINE CONFORM TAPER
		TOTAL	1887	

REPLACE ASPHALT CONCRETE SURFACING

POST MILE LIMITS	(N) Approx No. OF DIGOUTS	(N) LENGTH Avg	(N) WIDTH	(N) DEPTH	* REPLACE ASPHALT CONCRETE SURFACING
PM - PM		LF	LF	LF	CY
0.56-6.52	98	100	4	0.33	479
				TOTAL	479

* ACTUAL LOCATIONS OF REPLACE ASPHALT CONCRETE SURFACING TO BE DETERMINED BY THE ENGINEER.

METAL BEAM GUARD RAILING

POST MILE	SIDE R†/L†	RECONSTRUCT MBGR	RECONSTRUCT MBGR (7' POST)	REMOVE MBGR	END ANCHOR ASSEMBLY (SFT)	ALTERNATIVE FLARED TERMINAL SYSTEM	REMARKS
		LF	LF	LF	EA	EA	
3.50	L†	281	19	13	1	1	*STEEL POSTS
	TOTAL	281	19	13	1	1	

* USE STEEL POSTS FOR RECONSTRUCT MBGR

THERMOPLASTIC PAVEMENT MARKING

PM	L†	Mid	R†	EA	SQFT	REMARKS
0.63			X	1	22	STOP
0.63			X	1	14	ROAD CONNECTION LIMIT LINE
5.70			X	1	22	STOP
5.70			X	1	33	ROAD CONNECTION LIMIT LINE
6.15	X			1	22	STOP
6.15	X			1	20	ROAD CONNECTION LIMIT LINE
6.22			X	1	22	STOP
6.22			X	1	24	ROAD CONNECTION LIMIT LINE
6.45		X		1	42	TYPE III (L) ARROW
6.49	X			1	22	STOP
6.49	X			1	28	ROAD CONNECTION LIMIT LINE
6.49			X	1	22	STOP
6.49			X	1	44	ROAD CONNECTION LIMIT LINE
6.49		X		1	42	TYPE III (L) ARROW
6.50		X		1	42	TYPE III (L) ARROW
TOTAL					421	

THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)

POST MILE LIMITS	DETAIL 21	DETAIL 27B	DETAIL 27C	DETAIL 38A
	LF	LF	LF	LF
0.56-6.52	30,413	60,826	430	370
TOTAL	92,039			

REMOVE THERMOPLASTIC PAVEMENT MARKING

PM	L†	Mid	R†	EA	SQFT	REMARKS
0.63			X	1	22	STOP
0.63			X	1	14	ROAD CONNECTION LIMIT LINE
6.45		X		1	42	TYPE III (L) ARROW
6.49		X		1	42	TYPE III (L) ARROW
TOTAL					120	

SUMMARY OF QUANTITIES
Q-1

REVISED BY | DATE REVISED
SCOTT GREGORY | DENISE FUZERE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
DON ANDERSON

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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P:\proj1\02\4F170_plans\pse\24f170pa001.dgn

LAST REVISION 11-07-12 | DATE PLOTTED => 08-NOV-2012 | TIME PLOTTED => 07:09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Tri	3	0.5/6.6	8	8

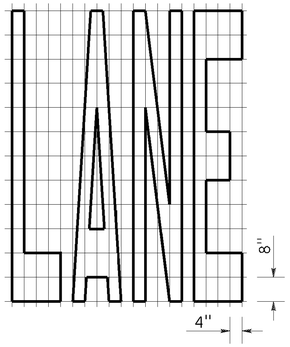
REGISTERED CIVIL ENGINEER

July 20, 2012
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Roberta L. McLaughlin
No. C40375
Exp. 3-31-13
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.

TO ACCOMPANY PLANS DATED 11-07-12



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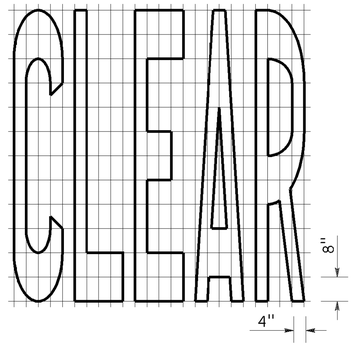

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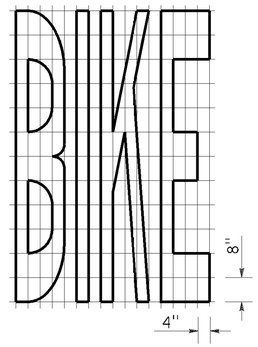

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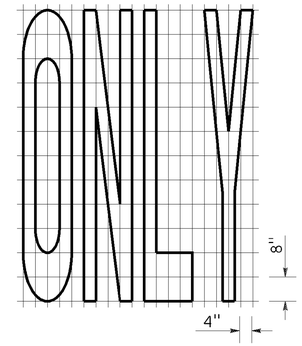

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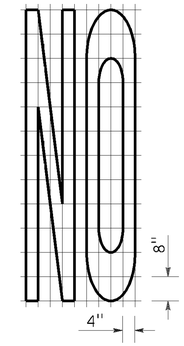

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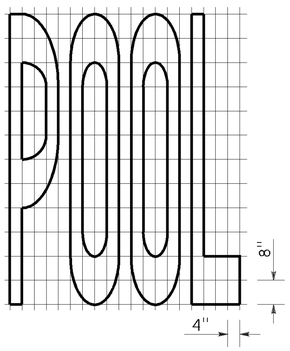

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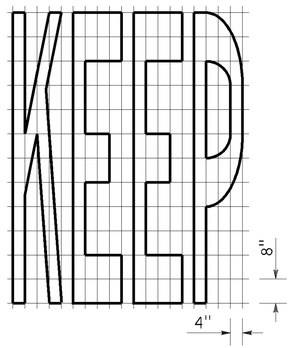

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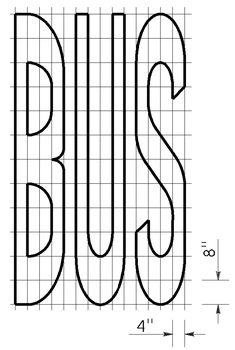

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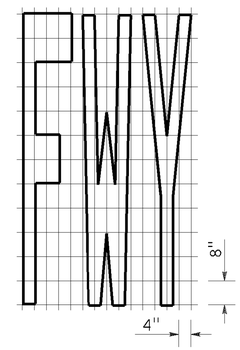

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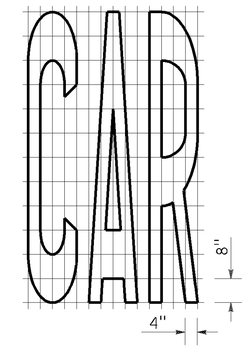
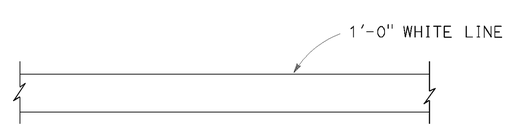


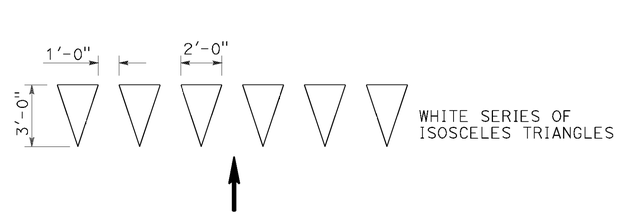
A=17 ft²

WORD MARKINGS			
ITEM	ft²	ITEM	ft²
LANE	24	NO	14
POOL	23	BIKE	21
CAR	17	BUS	20
CLEAR	27	ONLY	22
KEEP	24	FWY	16

A=2 ft²
See Notes 6 and 7



LIMIT LINE (STOP LINE)



YIELD LINE

NOTES:

1. If a message consists of more than one word, it should read "UP", i.e., the first word should be nearest the driver.
2. The space between words should be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
3. Minor variations in dimensions may be accepted by the Engineer.
4. Portions of a letter, number or symbol may be separated by connecting segments not to exceed 2" in width.
5. The words "NO PARKING" pavement marking is to be used for parking facilities. For typical locations of markings, see Standard Plans A90A and A90B.
6. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high on a contrasting background and located so that it is visible to traffic enforcement officials.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS WORDS, LIMIT AND YIELD LINES

NO SCALE

RSP A24E DATED JULY 20, 2012 SUPERSEDES STANDARD PLAN A24E DATED MAY 20, 2011 - PAGE 17 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP A24E

2010 REVISED STANDARD PLAN RSP A24E

P:\proj1\02\4F170_plans\pse\24f170va001.dgn
USERNAME => s115152
DGN FILE => 24f170va001.dgn
DATE PLOTTED => 08-NOV-2012
TIME PLOTTED => 07:09
6-12-12