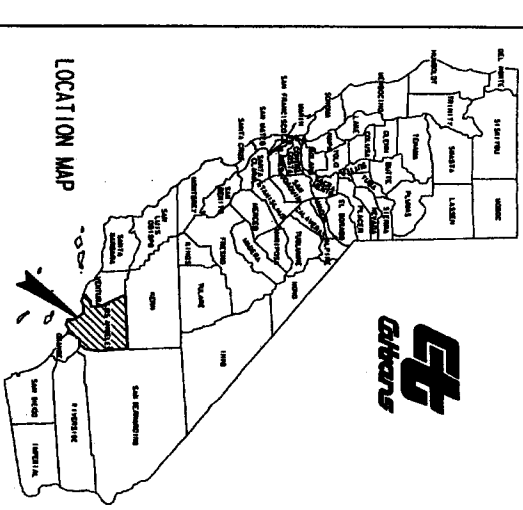
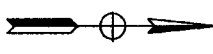
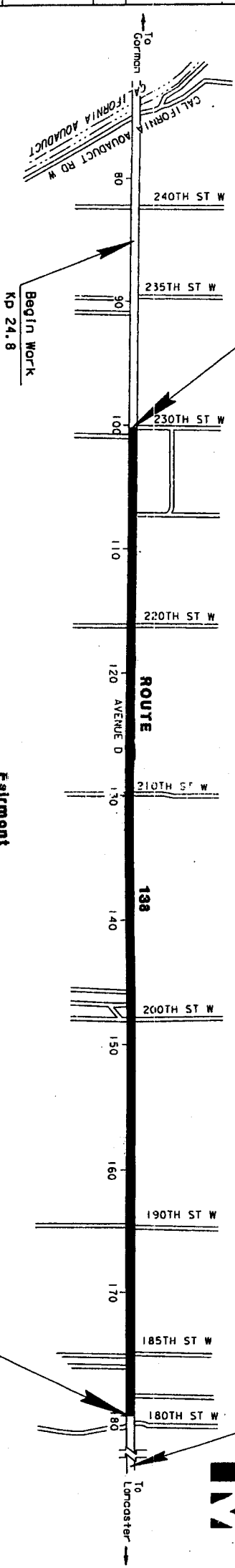


STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 PROJECT PLANS FOR CONSTRUCTION ON
 STATE HIGHWAY

IN LOS ANGELES COUNTY
 AT FAIRMONT
 FROM 230TH STREET WEST
 TO 0.2 KM WEST OF 180TH STREET WEST

To be supplemented by Standard Plans dated July, 1999



DIST	COUNTY	ROUTE	MILEAGE POST OF THE PROJECT	SHEET TOTAL NO. SHEETS
07	LA	138	25.8/33.8	



PROJECT ENGINEER	DATE	PROJECT MANAGER	DATE	DESIGN ENGINEER	DATE
H. SAADATNEJADI	6/01	STEVE STANIS	6/01	CAM CHAU	6/01

The Contractor shall possess the Class (or Classes) of License as specified in the "Notice to Contractor's".

NO SCALE

FORM DC-23-REV. (REV. 3/88) FOR REQUIRED PLANS ORIGINAL SCALE 15 IN MILLIMETERS CU 07602 Contract No. 07-1Y1704 EA 1Y1701

Handwritten signature: *Hamid Saadatnejadi*
 5-18-01
 Project Engineer Date
 Registered Civil Engineer

Plats Approval Date

DATE PLOTTED ** 18 JUN 2001
 TIME PLOTTED ** 13:17:22

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	CALCULATED/DESIGNED BY	CAM CHAU	DATE	6/01	REVISED BY	
Caltrans MAINTENANCE DESIGN	HAMID SAADATNEJADI	CHECKED BY	HAMID SAADATNEJADI	DATE	6/01	DATE REVISED	

NOTES

1. DIMENSIONS OF THE STRUCTURAL SECTIONS SUBJECT TO THE TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT DISTRICT OFFICE.
3. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
4. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.

ABBREVIATIONS

- OGAC - ASPHALT CONCRETE (TYPE B)
- OGAC - ASPHALT CONCRETE (OPEN GRADED)
- RAC (TYPE O) - RUBBERIZED ASPHALT CONCRETE (TYPE O)
- BWC - BONDED WEARING COURSE

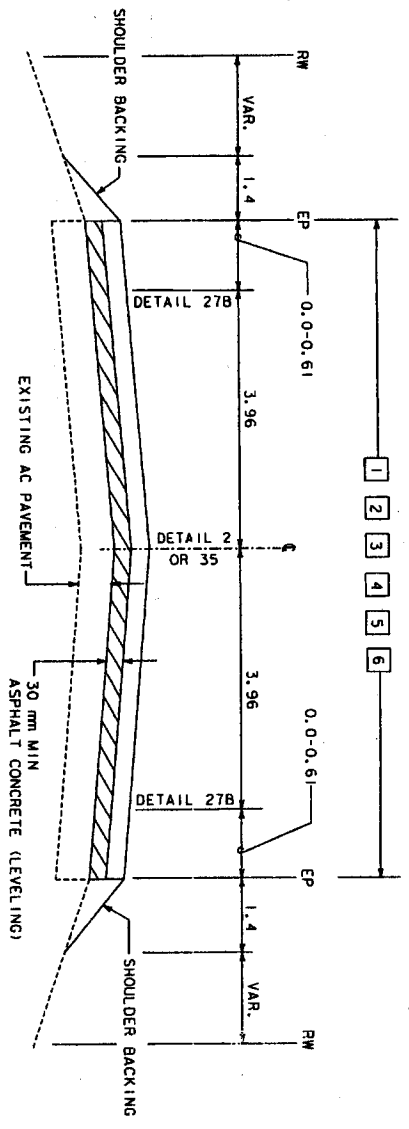


DIST	COUNTY	ROUTE	KILOMETER POST	SHEET TOTAL
07	LA	138	25.8/33.8	NO SHEETS

REGISTERED CIVIL ENGINEER	DATE
<i>Hamid Saadatnejadi</i>	6-18-01

PLANS APPROVAL DATE	DATE
<i>Hamid Saadatnejadi</i>	6-30-05

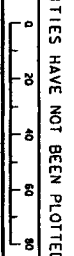
REGISTERED PROFESSIONAL ENGINEER	DATE
HAMID SAADATNEJADI	6-30-05



ROUTE 138
STA 101+16.60 TO 180+00.00

STRUCTURAL SECTIONS		
1	101+16.60 TO 108+00.00	30 mm DGAC
2	108+00.00 TO 120+00.00	75 mm OGAC
3	120+00.00 TO 148+00.00	30 mm OGAC
4	148+00.00 TO 168+00.00	30 mm RAC (TYPE O)
5	168+00.00 TO 174+00.00	30 mm BWC
6	174+00.00 TO 180+00.00	30 mm DGAC

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS
FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS



DATE PLOTTED: 18 JUN 2001
TIME PLOTTED: 13:29:44

TYPICAL CROSS SECTIONS
NO SCALE

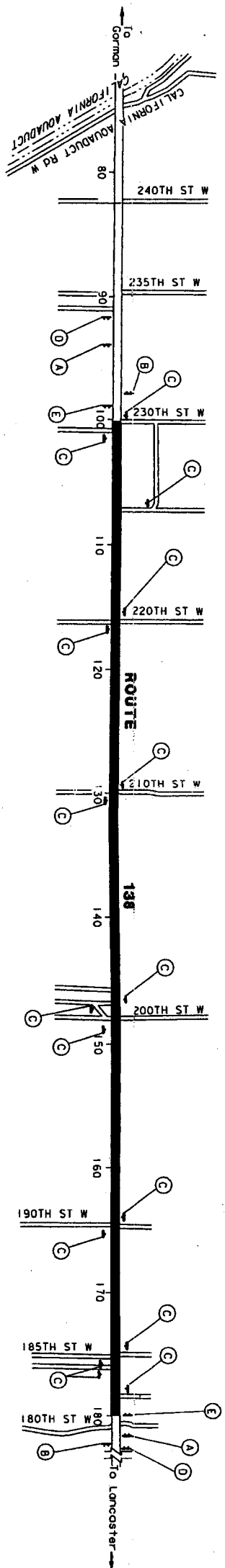
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

X-1

- NOTES**
1. LOCATIONS OF CONSTRUCTION AREA SIGNS AS SHOWN ARE APPROXIMATE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.
 2. "TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES" SIGNS SHALL BE PLACED APPROXIMATELY 159 METERS IN ADVANCE OF "ROAD CONSTRUCTION AHEAD" SIGNS OR AS DETERMINED BY THE ENGINEER.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN NO	SIGN CODE	PANEL SIZE (mm x mm)	SIGN MESSAGE	NO OF POST AND SIZE (mm x mm)	NO OF SIGNS
(A)	C1B	1800 x 1800	ROAD CONSTRUCTION AHEAD	2 - 100 x 150	2
(B)	C13	1500 x 600	END CONSTRUCTION	2 - 100 x 150	2
(C)	C1B	1200 x 1200	ROAD CONSTRUCTION AHEAD	1 - 100 x 150	16
(D)	C40	2550 x 1050	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	2 - 140 x 140	2
(E)		2250 x 1500	(SPECIAL SIGN) PAVEMENT RESEARCH	2 - 140 x 140	2
TOTAL					24

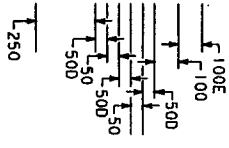


GF Your Tax Dollars AT WORK

PAVEMENT RESEARCH

CALIFORNIA DEPARTMENT OF TRANSPORTATION
 USDOT OBVOLPE RESEARCH CENTER
 UNIVERSITY OF CALIFORNIA BERKELEY

TYPE 1 (MODIFIED)
 FOR DETAILS NOT SHOWN SEE T7



0151 COUNTY ROUTE 138 110M EAST SHEET TOTALS
 07 LA 138 25, 8/33, B NO SHEETS

REGISTERED CIVIL ENGINEER
 HAMID SAADATNEJADI
 50440
 6-30-05
 CIVIL

PLANS APPROVAL DATE: 6-18-01
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan.

CONSTRUCTION AREA SIGNS
 ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN
 NO SCALE

PROJECT: 17107001.dgn JUN 18, 2001 13:32:03

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	CALCULATED/DESIGNED BY	DATE	REVISED BY
Caltrans MAINTENANCE DESIGN	HAMID SAADATNEJADI	CAM CHAU	6/01	
		CHECKED BY	DATE REVISED	
		HAMID SAADATNEJADI	6/01	

NOTES

- HIGHWAY POST MARKER LOCATIONS FROM CENTERLINE AS SHOWN ARE APPROXIMATE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.
- 2 m COLD PLANE AC PAVEMENT WHEN DEPTH VARIES FROM 0 mm TO 30 mm.
4 m COLD PLANE AC PAVEMENT WHEN DEPTH EXCEED 30 mm AND
6 m COLD PLANE AC PAVEMENT WHEN DEPTH EXCEED 60 m

LEGENDS

- 30 mm DGAC
- 75 mm OGAC
- 30 mm OGAC
- 30 mm RAC (TYPE O)
- 30 mm BWC
- HIGHWAY POST MARKER

ABBREVIATIONS

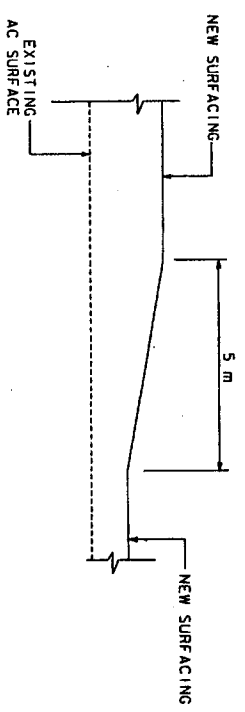
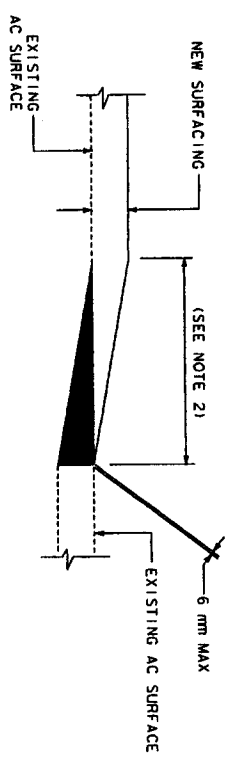
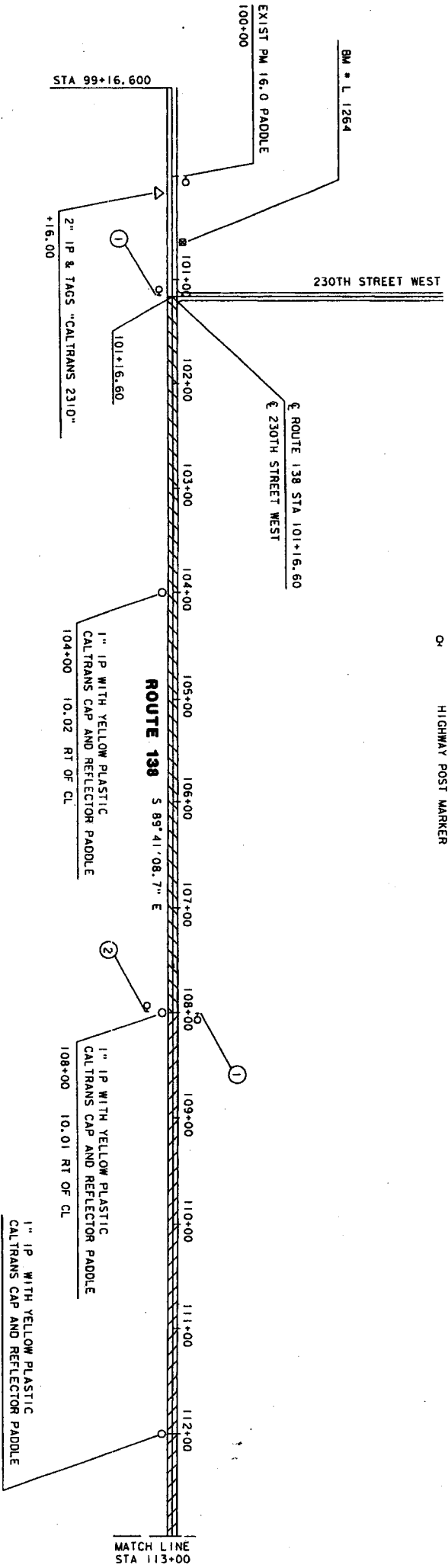
- DGAC - ASPHALT CONCRETE (TYPE B)
- OGAC - ASPHALT CONCRETE (OPEN GRADED)
- RAC (TYPE O) - RUBBERIZED ASPHALT CONCRETE (TYPE O)
- BWC - BONDED WEARING COURSE
- BM - BENCH MARK
- IP - IRON PIPE



DIST	COUNTY	ROUTE	MILE PER POST	SHEET TOTAL
07	LA	138	25.8/33.8	NO

Hamid Saadatnejadi
 REGISTERED CIVIL ENGINEER DATE: 6-18-01
 HAMID SAADATNEJADI
 50440
 CIVIL
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 6-30-05

PLANS APPROVAL DATE: 6-18-01
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan.



TYPICAL TRANSITION TO CONFORM AC PAVEMENT BETWEEN EXISTING AND NEW SURFACING

TYPICAL TRANSITION TO CONFORM AC PAVEMENT BETWEEN TWO NEW SURFACINGS

CONSTRUCTION DETAILS

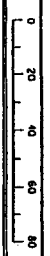
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

NO SCALE

C-1

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

FOR REDUCED PLANS ORIGINAL SCALE IS 1/8\"/>

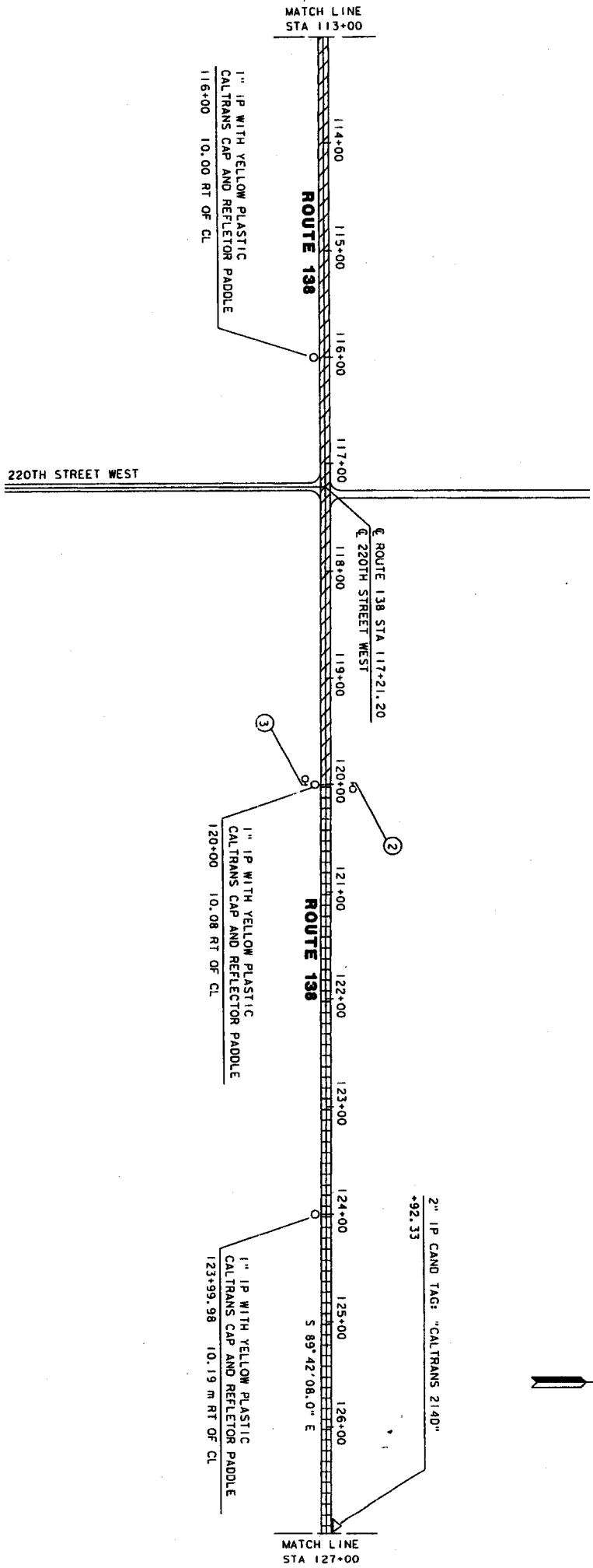


USERNAME: 205898457
JOB FILE: 17107001.dgn

CU 07602

EA 171701

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION Caltrans MAINTENANCE DESIGN	PROJECT ENGINEER	CALCULATED/DESIGNED BY	CAM CHAU	DATE	REVISOR
	HAMID SAADATNEJADI	CHECKED BY	HAMID SAADATNEJAD	6/01	DATE REVISED



EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS
FOR REDUCED PLANS ORIGINAL SCALE 1/8\"/>

USERNAME: J:\ZUSERNAMEZ
DGN FILE: J:\15117002.dgn

CU 07602 EA 1Y1701

CONSTRUCTION DETAILS
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN
NO SCALE

C-2

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
07	LA	138	25.8/33.8		

REGISTERED CIVIL ENGINEER DATE 6-18-01
Hamid Saadatnejadi
REGISTERED CIVIL ENGINEER DATE 6-30-05
HAMID SAADATNEJADI
No. 50440
6-30-05
CIVIL
STATE OF CALIFORNIA
Professional Engineer Seal

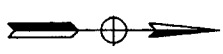
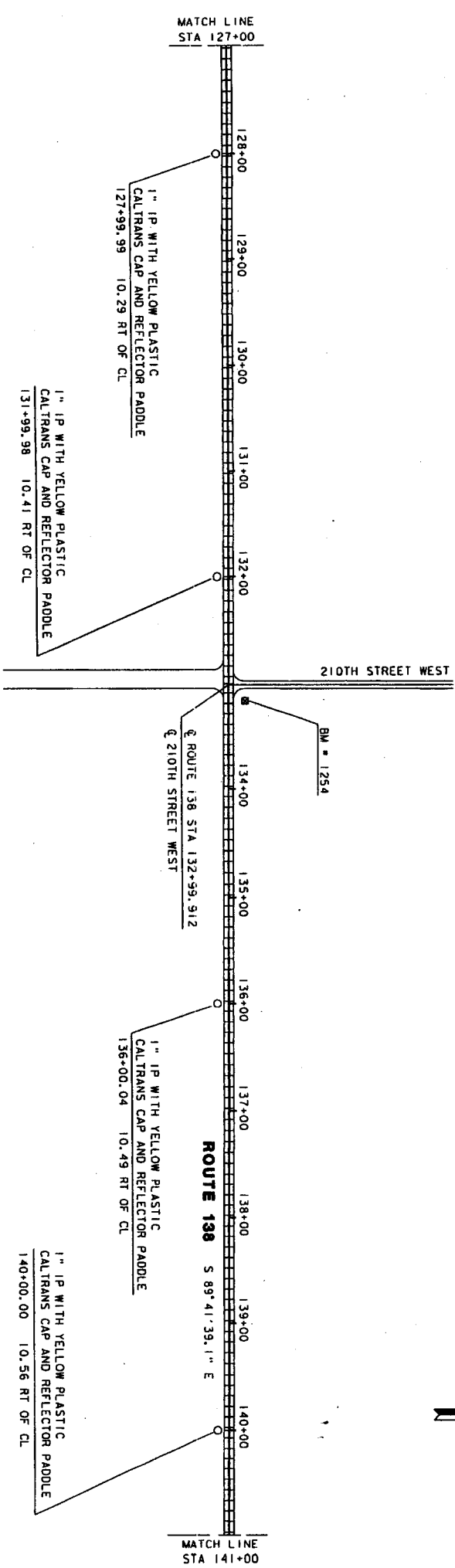
PLANS APPROVAL DATE
The State of California or its officers or employees shall not be held responsible for consequences or electronic copies of this plan.
Date: 6/18/01



Project: 15117002.dgn Jun. 18, 2001 15:01:57

projects\171701\17170003.dgn Jun 18, 2001 13:36:43

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	CALCULATED/DESIGNED BY	CAM CHAU	DATE	6/01	REVISED BY	
Caltrans MAINTENANCE DESIGN	HAMID SAADATNEJADI	CHECKED BY	HAMID SAADATNEJADI	DATE	6/01	DATE REVISED	



07	LA	138	25.8733 B	
DIST	COUNTY	ROUTE	KILOMETERS POST MILE TOTAL PROJECT	SHEET TOTAL
				6

Registered Civil Engineer
 Hamid Saadatnejadi
 6-18-01
 REGISTERED CIVIL ENGINEER DATE

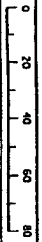
PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR THE OTHER STATE OF COMPETENCE OF ELECTRONIC COPY OF THIS PLAN SHALL.

REGISTERED PROFESSIONAL ENGINEER
 HAMID SAADATNEJADI
 No. 50740
 Exp. 5-30-05
 CIVIL

CONSTRUCTION DETAILS
NO SCALE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS
FOR REDUCED PLANS ORIGINAL SCALE IS 15 IN MILLIMETERS

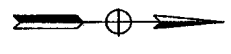
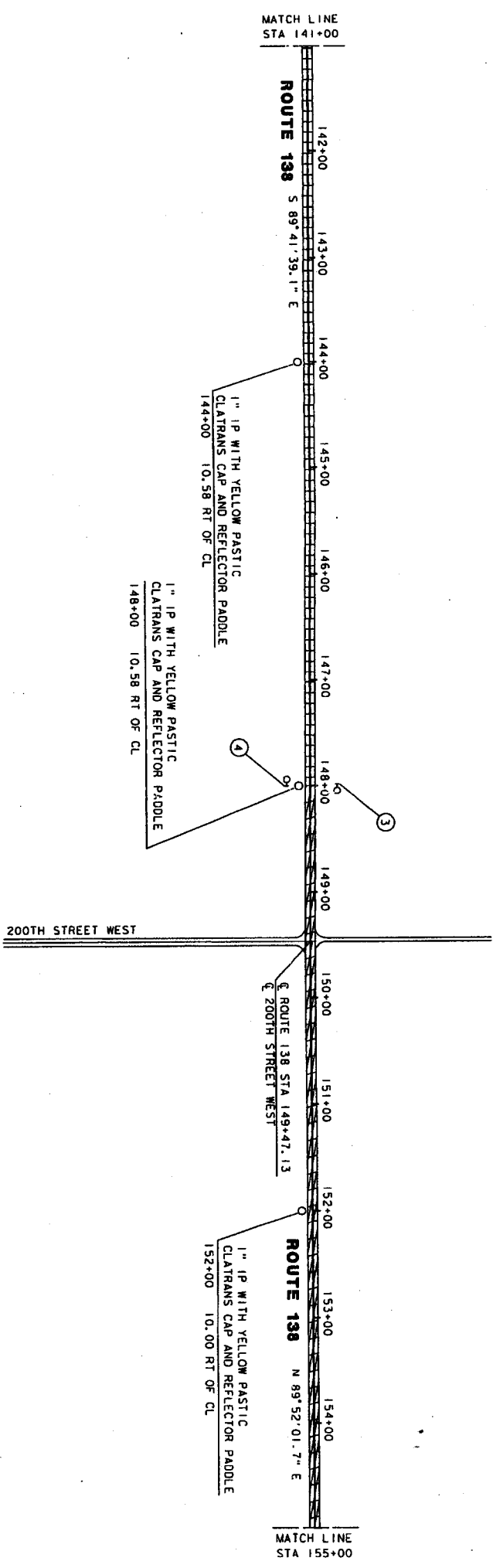


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OPEN FILE -> V:\17170003.dgn

CU 07602 EA 171701

C-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	CALCULATED/DESIGNED BY	CAM CHAU	DATE	6/01	REVISED BY	
Caltrans MAINTENANCE DESIGN	HAMID SAADATNEJADI	CHECKED BY	HAMID SAADATNEJAD	DATE	6/01	DATE REVISED	



CONSTRUCTION DETAILS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

NO SCALE



DIST	COUNTY	ROUTE	PROJECT NO.	SHEET NO.
07	LA	138	25.8/33.8	13

REGISTERED CIVIL ENGINEER
 HAMID SAADATNEJADI
 50440
 6-30-05
 REGISTERED CIVIL ENGINEER
 DATE 6-18-01
 REGISTERED CIVIL ENGINEER
 HAMID SAADATNEJADI
 50440
 6-30-05
 REGISTERED CIVIL ENGINEER
 DATE 6-18-01

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

FOR REDUCED PLANS ORIGINAL SCALE 1:5 IN MILLIMETERS

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 DGN FILE: zusername.dgn

CU 07602

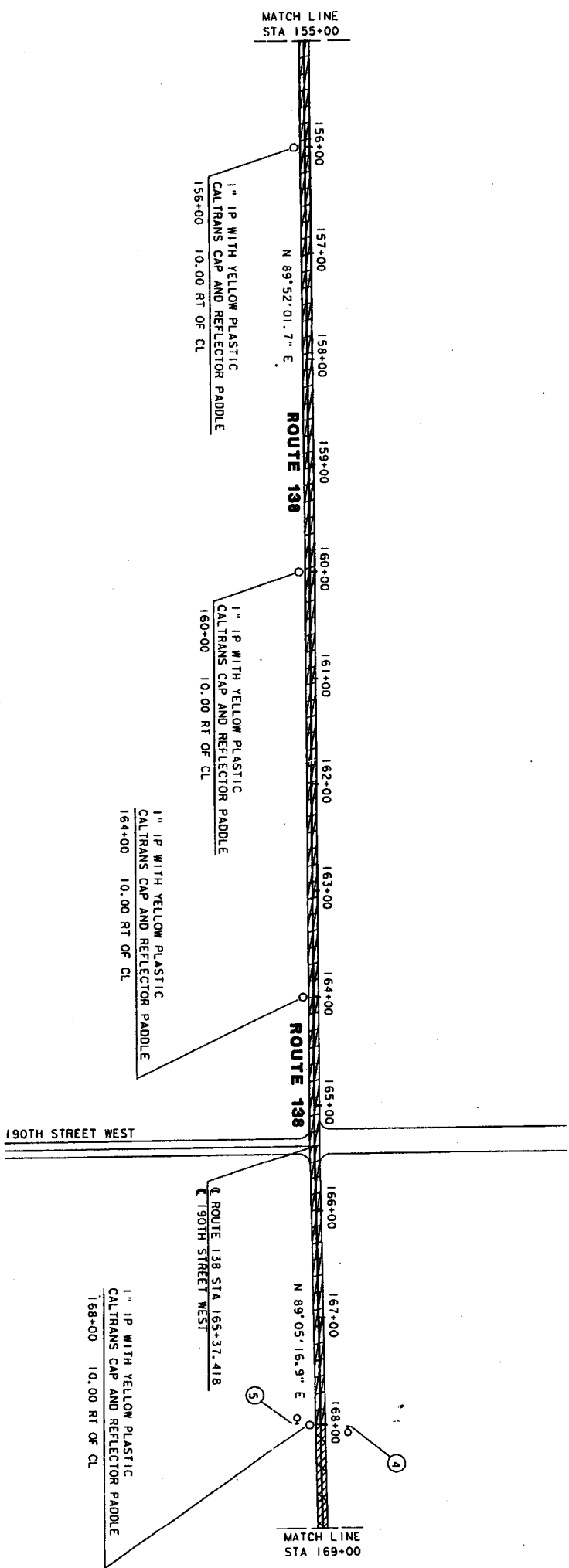
EA 1Y1701

C-4

projects\171011\1710004.dgn Jun. 18. 2001 13:37:59

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION		PROJECT ENGINEER		CALCULATED/DESIGNED BY	CAM CHAU	DATE	REVISOR		
Gibson MAINTENANCE DESIGN		HAMID SAADATNEJADI		CHECKED BY	HAMID SAADATNEJADI	6/01	DATE REVISED		



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET TOTAL
07	LA	138	25.8/33.8	NO SHEETS

Registered Civil Engineer
 Hamid Saadatnejadi
 6-18-01
 REGISTERED CIVIL ENGINEER DATE
 HAMID SAADATNEJADI
 50440
 6-30-05
 REGISTERED CIVIL ENGINEER
 STATE OF CALIFORNIA

CONSTRUCTION DETAILS
NO SCALE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

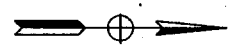
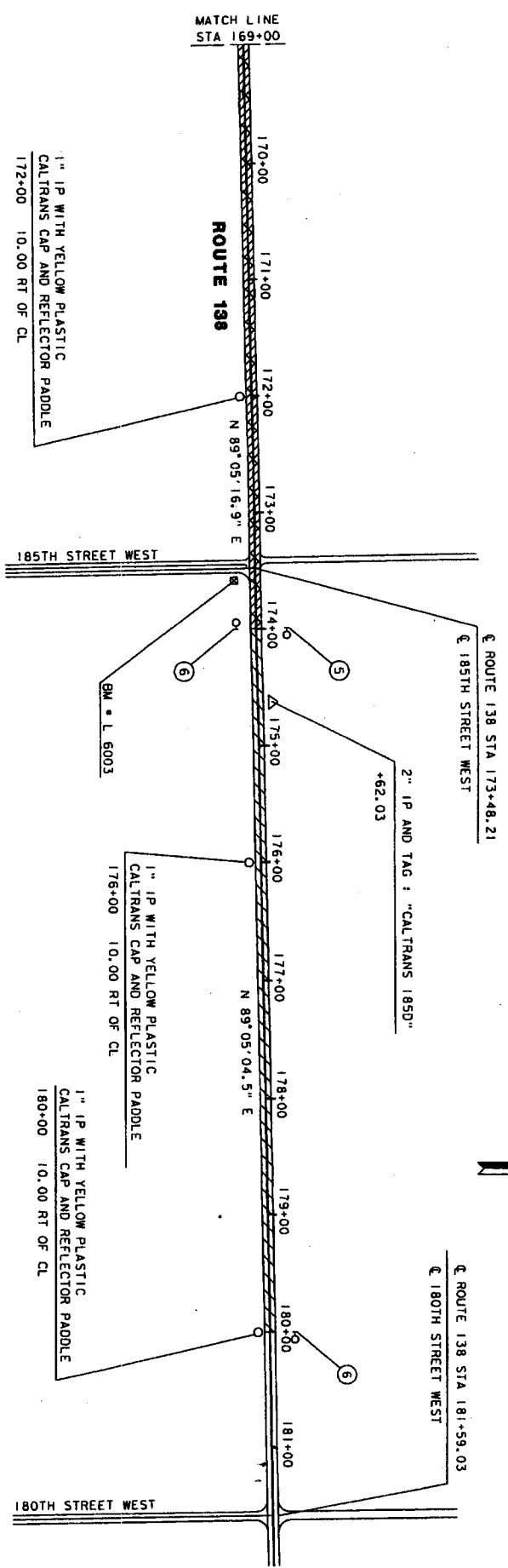
FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

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moderate [17/01/17 17:06:08] Jun 18, 2001 15:24:34

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	CALCULATED/DESIGNED BY	CAM CHAU	DATE	6/01	REVISED BY	
Caltrans MAINTENANCE DESIGN	HAMID SAADATNEJADI	CHECKED BY	HAMID SAADATNEJADI	DATE	6/01	DATE REVISED	



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL	SHEET TOTAL
07	LA	138	25,873.8	NO SHEETS

REGISTERED CIVIL ENGINEER DATE 6-18-01

Hamid Saadatnejadi

REGISTERED CIVIL ENGINEER DATE 6-30-05

HAMID SAADATNEJADI
5044 G
6-30-05
REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan.

CONSTRUCTION DETAILS

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

NO SCALE

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

SCALE 1:5 IN MILLIMETERS

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USE PLOT FILE: \\P01\71706\08.dgn

CU 07602

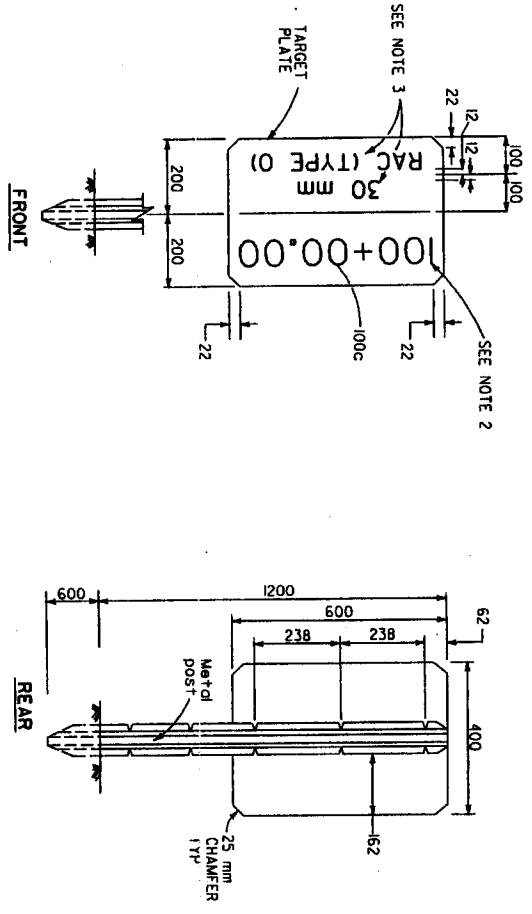
EA 1Y1701

C-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER	CALCULATED/DESIGNED BY	CAM CHAU	DATE	6/01	REVISED BY	
Caltrans MAINTENANCE DESIGN	HAMID SAADATNEJADI	CHECKED BY	HAMID SAADATNEJAD	DATE	6/01	DATE REVISED	

HIGHWAY POST MARKER NOTES

1. THE MARKER SHALL BE WHITE (NON-REFLECTIVE) TARGET PLATE WITH BLACK SERIES D NUMERALS AND LETTERS.
2. ALL INFORMATION SHALL BE IN STATION.
3. THE SIGN MESSAGE SHOWN FOR TYPE OF PAVEMENT IS EXAMPLE ONLY. SEE "SIGN MESSAGE" FOR APPLICABLE TYPE OF PAVEMENT MESSAGE TO BE USED.
4. LETTER SIZE IS 62 UNLESS OTHERWISE SHOWN.



HIGHWAY POST MARKER (MODIFIED)
FOR DETAILS NOT SHOWN SEE A73B

ROADSIDE SIGN			
SIGN NO	EASTBOUND LOCATION	WESTBOUND LOCATION	SIGN MESSAGE
1	101+16.60 (RT)	108+00.00 (LT)	30 mm DGAC
2	108+00.00 (RT)	120+00.00 (LT)	75 mm OGAC
3	120+00.00 (RT)	148+00.00 (LT)	30 mm OGAC
4	148+00.00 (RT)	168+00.00 (LT)	30 mm RAC (TYPE O)
5	168+00.00 (RT)	174+00.00 (LT)	30 mm BWC
6	174+00.00 (RT)	180+00.00 (LT)	30 mm DGAC
TOTAL			12



DIST COUNTY ROUTE KILOMETER POST TOTAL SHEET TOTALS
 07 LA 138 25.8/33.8 NO SHEETS
Hamid Saadatnejadi
 REGISTERED CIVIL ENGINEER DATE 6-18-01
 PLANS APPROVAL DATE
 REGISTERED PROFESSIONAL ENGINEER
 HAMID SAADATNEJADI
 50440
 6-30-05
 00-11701
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness or restrictive content of this plan.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN
CONSTRUCTION DETAILS
 NO SCALE

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS
 USERNAME: \\SUSERRM2\... VTX17007.dgn

CU 07602 EA 111701

C-7

