INFORMATION HANDOUT

For Contract No. 07-292204
At 07-LA-2,134-Var

Identified by
Project ID 07120000108

07-292204
07-LA-2,134-Var
Project ID 07120000108

MATERIALS INFORMATION

Fiber Optic System As-Built Drawings

ADL Concentration Data and Sample Locations Map

NOTE:
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGENDS:

• fo — — fo — — — fo —
(existing Fiber optic Conduits)

LEGENDS: (Continued)

• (c)
(existing Communication pull box)

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	2 134	R17.8/R19.5 R8.6/R9.6	4	

REGISTERED CIVIL ENGINEER — DATE — MOHAMMAD NOSRATI No. 59597 Exp 12/31/13 CIVIL — STATE OF CALIFORNIA

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.

JOIN Exist CABLE RAILING SEE Det F Sht C-2

24.0'

Beg Conc BARRIER (TYPE 60) *END BURY
Beg Temp RAILING (TYPE K) 10:1 OR FLATTER TAPER 94 LF

* THERE IS NO SEPARATE PAY ITEM, FOR END BURY, PRICE INCLUDED IN LF Conc BARRIER (TYPE 60)

94.0'

2% OR FLATTER — 2% — MINOR Conc (CURB) (TYPE B1)

0.75' JPCP
0.35' LCB
0.50 Cl 3 AB

SECTION I-I
NO SCALE

30.0' & Var

1/4" DEEP x 1/4" WIDE STAMP PATTERN IMPRESSION
SAW CUT JOINT 20' OC 1/2 DEEP X 1/4 WIDE IMPRESSION

Temp RAILING (TYPE K) — ES — ETW

AC DIKE

1 1/4" WELDED WIRE FABRIC (MID-DEPTH)
0.50' CLASS 3 AB
0.50' MINOR Conc (STAMPED Conc)
Temp RAILING (TYPE K)

SECTION DD-DD
NO SCALE

PLANTER A SEE Det C Sht C-4 FOR CABLE RAILING

Sta +63.5 Beg CABLE RAILING JOIN Exist SEE Det E Sht C-1

MVP SEE Sht C-3 FOR Det

Sta +43.5 END CABLE RAILING END Exist Ret wall

MATCH LINE Sta 618+50 L-2

WB ROUTE 134 TO NB ROUTE 2

WB 134 TO SB 2

C30A-(CA)

MVP SEE Sht C-3 FOR Det

SEE Sht C-3 FOR CONTOUR GRADING

HANNELIZER (SURFACE MOUNTED) @ 20.0'

Sta +625 Beg Temp RAILING (TYPE K) Beg 10:1 TAPER

C30A-(CA)

Sta +78 END 10:1 TAPER

Sta +36' END REMOVE AC PAVING END MINOR Conc (STAMPED Conc)

Sta +47 END Temp RAILING (TYPE K)

ROUTE 134

Sta +95 Beg REMOVE PAVING Beg MINOR Conc (STAMPED Conc)

Temp CRASH CUSHION TS14'

SB 2 TO EB 134

HANNELIZER (SURFACE MOUNTED) @ 20.0'

Sta +72 END Temp RAILING (TYPE K)

Sta +95 BEG Temp RAILING (TYPE K) Beg 10:1 TAPER JOIN TO Exist MBGR

Sta +15 END 10:1 TAPER

NB 2 TO EB 134

R/W

CURVE DATA

No.	R	Δ	T	L
(8)	650'	74°17'56"	492.47'	842.89'
(9)	875'	98°11'49"	1010.07'	1499.63'
(10)	9000'	43°58'00"	3633.20'	6906.28'
(13)	1100'	91°17'32"	1125.09'	1752.69'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans — DESIGN
FUNCTIONAL SUPERVISOR: CHARLES TON
CALCULATED/DESIGNED BY: MOHAMMAD NOSRATI
CHECKED BY
REVISED BY
DATE REVISED

LAYOUT
TRAFFIC HANDLING PLAN

SCALE: 1" = 50'

L-3

BORDER LAST REVISED 7/12/2010 — USERNAME = t1611734 — DGN FILE = s1202f0e003.dgn — RELATIVE BORDER SCALE IS IN INCHES — UNIT 1807 — PROJECT NUMBER & PHASE 0712000108

LAST REVISION DATE PLOTTED = 10-DEC-2013
LAST REVISION TIME PLOTTED = 11:03

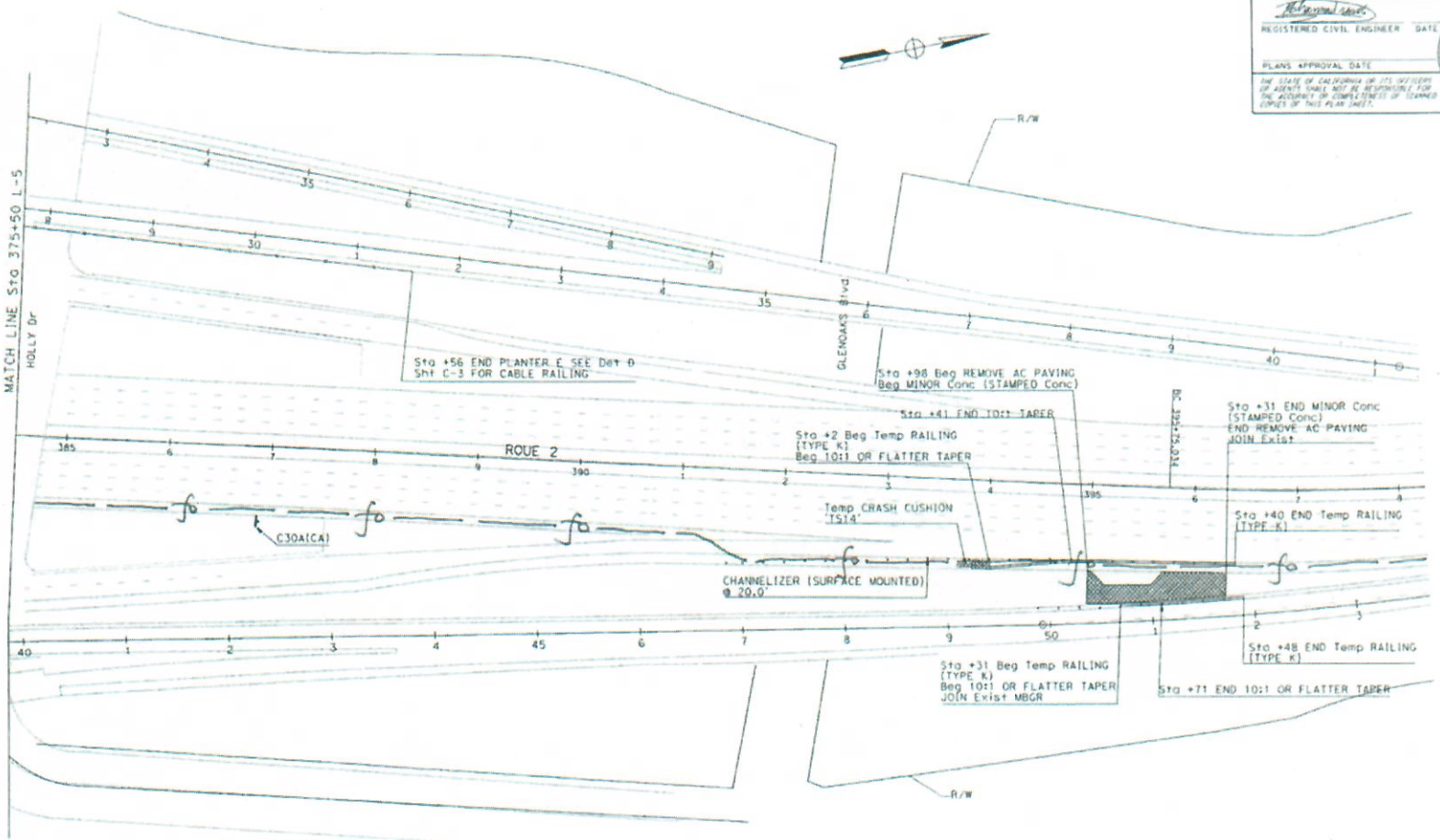
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	2 134	R17.8/R19.5 R8.6/R9.6	7	

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF STAMPED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER MOHAMMAD NOSRATI No. 59597 Exp. 12/31/15 CIVIL STATE OF CALIFORNIA



LEGEND:

• fo —— —— fo —— —— fo ——
(existing Fiber Optic conduits)

LAYOUT
TRAFFIC HANDLING PLAN

SCALE 1" = 50'

L-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

DESIGN

FUNCTIONAL SUPERVISOR: CHARLES TON

CALCULATED-DESIGNED BY: MOHAMMAD NOSRATI

CHECKED BY

REVISED BY

DATE REVISED

BORDER LAST REVISED 7/2/2010

USERNAME = s111134
DGN FILE = 07120001081.dgn

RELATIVE BORDER SCALE IS IN INCHES

UNIT 1807

PROJECT NUMBER & PHASE 07120001081

LAST REVISION DATE PLOTTED = 30-DEC-2014
00-00-00 TIME PLOTTED = 09:34

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	134	0.0/21.8	110	209

Caltrans Metric

Monica M. Suter 6/20/96
REGISTERED CIVIL ENGINEER

4-28-97
PLANS APPROVAL DATE

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
444 S. FLOWER STREET, SUITE 1850
LOS ANGELES, CA 90071

REGISTERED PROFESSIONAL ENGINEER MONICA SUTER No. 6-30-00 CIVIL STATE OF CALIFORNIA

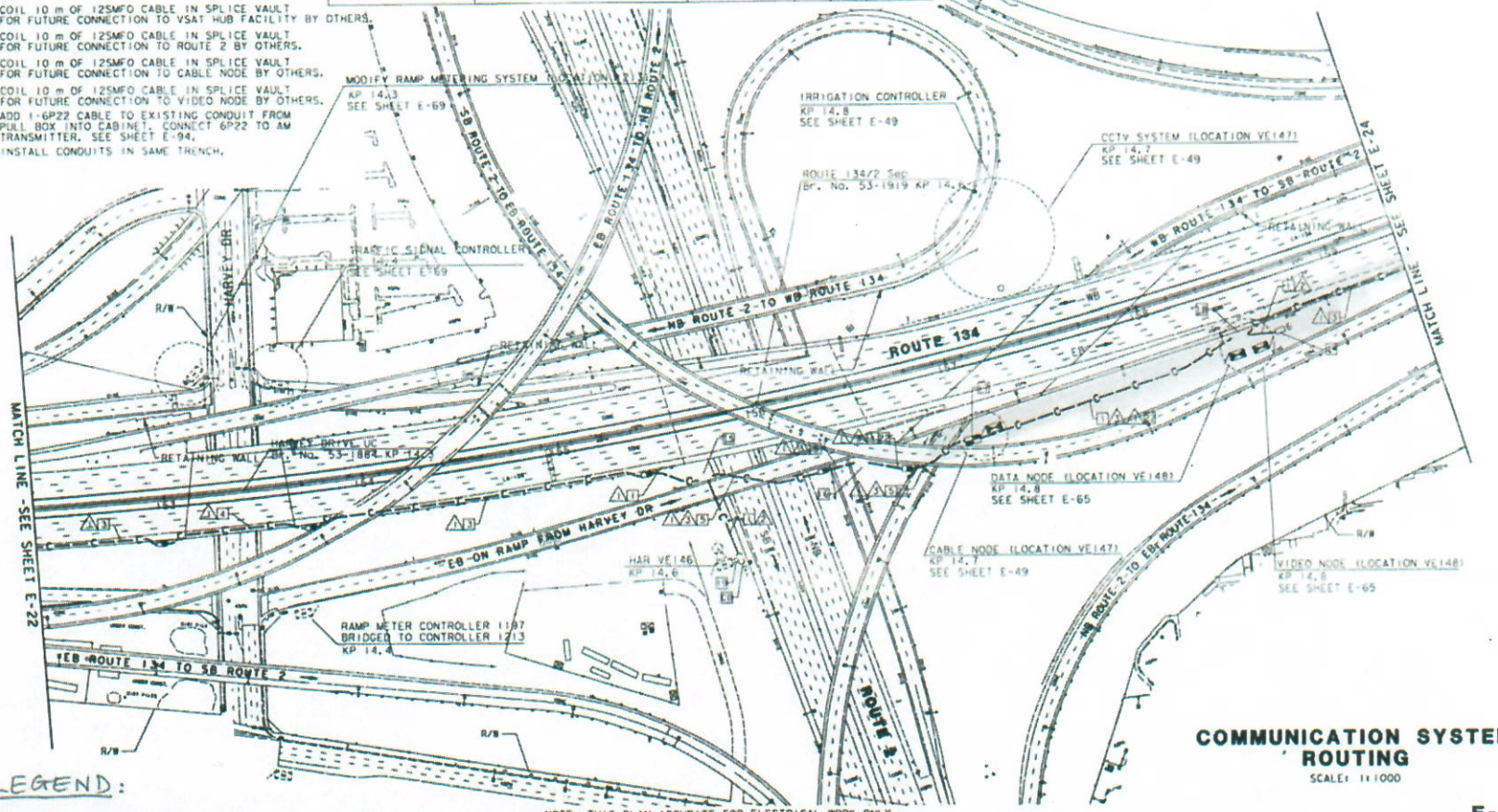
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

NOTES: (THIS SHEET ONLY)

1. TRENCH AND INSTALL CONDUIT IN SOIL.
3. TRENCH AND INSTALL CONDUIT IN ASPHALT.
4. ATTACH CONDUIT TO BRIDGE. SEE SHEET C-2 FOR DETAILS.
5. JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-7. FOR DETAILS.
14. COIL 10 m OF 6P22 IN PULL BOX FOR CONNECTION TO TUNNEL SCADA BY OTHERS.
15. COIL 10 m OF 12SMFO CABLE IN SPLICE VAULT FOR FUTURE CONNECTION TO VSAT HUB FACILITY BY OTHERS.
16. COIL 10 m OF 12SMFO CABLE IN SPLICE VAULT FOR FUTURE CONNECTION TO ROUTE 2 BY OTHERS.
17. COIL 10 m OF 12SMFO CABLE IN SPLICE VAULT FOR FUTURE CONNECTION TO CABLE NODE BY OTHERS.
18. COIL 10 m OF 12SMFO CABLE IN SPLICE VAULT FOR FUTURE CONNECTION TO VIDEO NODE BY OTHERS.
19. ADD 1-6P22 CABLE TO EXISTING CONDUIT FROM PULL BOX INTO CABINET. CONNECT 6P22 TO AM TRANSMITTER. SEE SHEET E-94.
22. INSTALL CONDUITS IN SAME TRENCH.

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN 1			RUN 2		RUN 3	
50P22 CABLE	DATA/VOICE	1						
6P22 CABLE	DATA/VOICE					1		
12SMFO CABLE	MUX DATA, INTERCONNECT CABLE							1
24SMFO CABLE	VIDEO DISTRIBUTION			1				
48SMFO CABLE	MULTIPLEXED DATA/VIDEO		1					
	SIZE 32 INNERDUCT		1	1				1
	CONDUIT SIZE		103		103	53	78	



LEGEND:

• — C — C — C — C — C

(Communication | conduits)

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY. SEE SHEET E-1 FOR LEGEND AND PROJECT NOTES.

COMMUNICATION SYSTEM ROUTING

SCALE: 1:1000

E-23

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

PROJECT ENGINEER: PAT SULLIVAN

CALCULATED/DESIGNED BY: MM DATE 6/96 REVISED BY
CHECKED BY: MMS 6/96 DATE REVISED

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $$$$$$USER$$$$$$
DGN FILE => $$$$$$$$$$$DGNSPEC$$$$$$$$$$$

CU 07396 EA 129921

TIME PLOTTED => $$$$$$SYTIME$$$$$$

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	134	0.0/21.8	111	209

Monica R. Suter 6/20/96
REGISTERED CIVIL ENGINEER

4-28-97
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MONICA SUTER No. C049331 Exp. 6-30-98 CIVIL STATE OF CALIFORNIA

PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
444 S. FLOWER STREET, SUITE 1850
LOS ANGELES, CA 90071

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

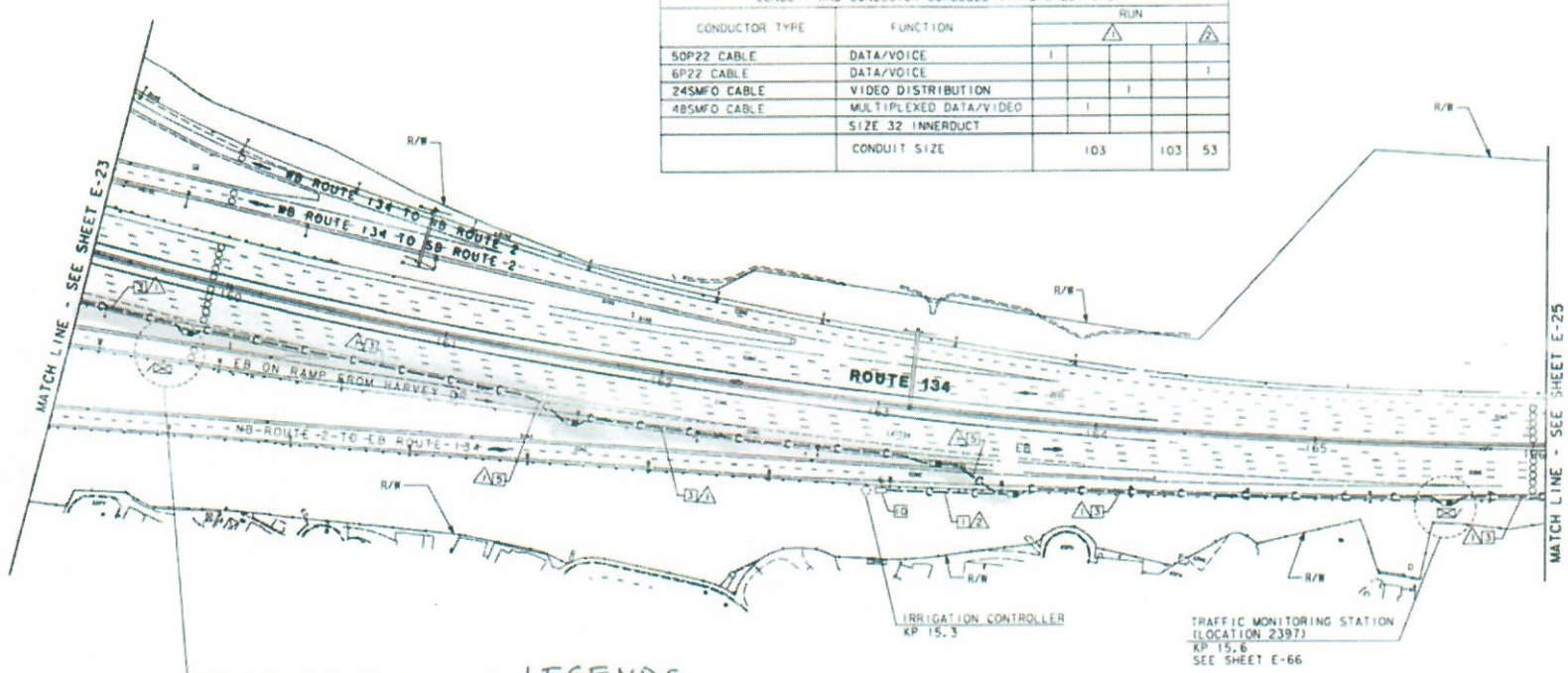
Caltrans Metric

NOTES: (THIS SHEET ONLY)

1. TRENCH AND INSTALL CONDUIT IN SOIL.
3. TRENCH AND INSTALL CONDUIT IN ASPHALT.
5. JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-7 FOR DETAILS.
10. COIL 10 m OF 6P22 IN PULL BOX FOR FUTURE CONNECTION TO IRRIGATION CONTROLLER BY OTHERS.

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN 1	RUN 3	RUN 5	RUN 10
50P22 CABLE	DATA/VOICE	1			
6P22 CABLE	DATA/VOICE				1
24SMFO CABLE	VIDEO DISTRIBUTION			1	
48SMFO CABLE	MULTIPLEXED DATA/VIDEO		1		
	SIZE 32 INNERDUCT				
	CONDUIT SIZE	103		103	53



• LEGENDS:

• —C—C—C—C (Communication conduits)

• ▬ (Communication Pullbox)

COMMUNICATION SYSTEM ROUTING

SCALE: 1:1000

E-24

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.
SEE SHEET E-1 FOR LEGEND AND PROJECT NOTES.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
PROJECT ENGINEER: PAT SULLIVAN
CALCULATED/DESIGNED BY: MM DATE 6/96
CHECKED BY: MMS 6/96
REVISED BY / DATE REVISED

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => ooooooUSERoooooo
DGN FILE => oooooooooooDGNSPECoooooooooo

CU 07396 EA 129921

LAST REVISION 00-00-00 TIME PLOTTED => oooooooSYSTIMEoooooo

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	134	0.0/21.8	164	209

Caltrans Metric

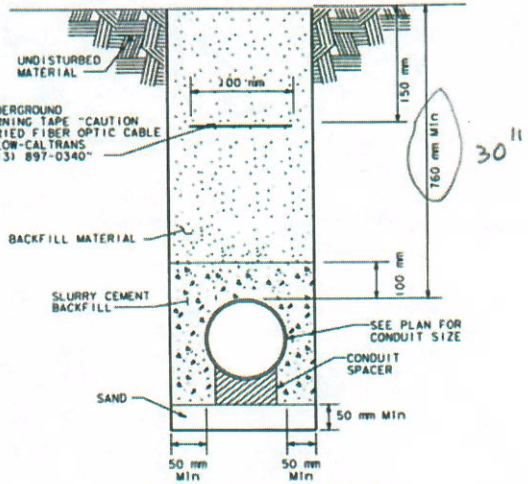
REGISTERED ELECTRICAL ENGINEER 6/20/96

4-28-97
PLANS APPROVAL DATE

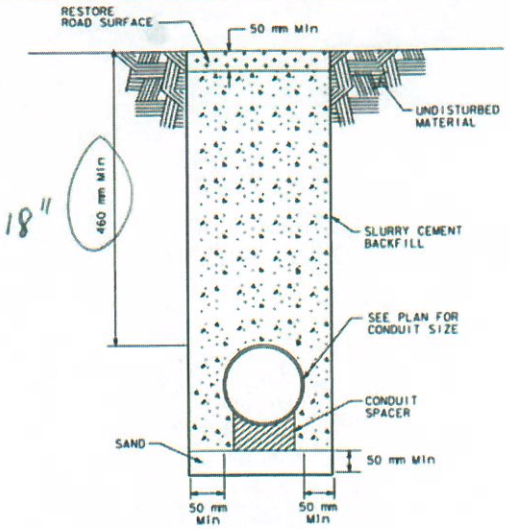
PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
444 S. FLOWER STREET, SUITE 1850
LOS ANGELES, CA 90071

REGISTERED PROFESSIONAL ENGINEER
KEENE MATSUDA
No. E011758
Exp. 09/30/00
ELECTRICAL
STATE OF CALIFORNIA

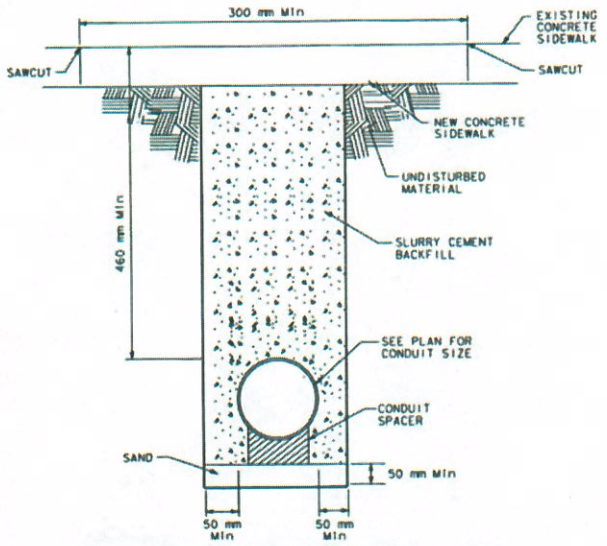
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



TRENCH IN SOIL DETAIL



TRENCH IN ASPHALT DETAIL



TRENCH IN CONCRETE SIDEWALK DETAIL

NOTES: (THIS SHEET ONLY)

1. SAWCUT TO 75 mm DEPTH BEFORE TRENCH IS CUT IN CONCRETE.
2. MATCH GRADATION & THICKNESS OF EXISTING SIDEWALK & COURSES.
3. CENTER CONDUIT IN TRENCH.

TRENCH DETAILS FOR SINGLE CONDUIT

NO SCALE

E-77

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

PROJECT ENGINEER: PAT SULLIVAN

CALCULATED/ DESIGNED BY	RC	DATE 6/96	REVISED BY
CHECKED BY	KM	6/96	DATE REVISED

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $$$$$$USER$$$$$$
DGN FILE => $$$$$$$$$$$DGNSPEC$$$$$$$$$$$

CU 07396

EA 129921

TIME PLOTTED => $$$$$$SYTIME$$$$$$

LAST REVISION 00-00-00

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	134	0.0/21.8	165	209

Caltrans Metric

REGISTERED ELECTRICAL ENGINEER 6/20/96

4-28-97
PLANS APPROVAL DATE

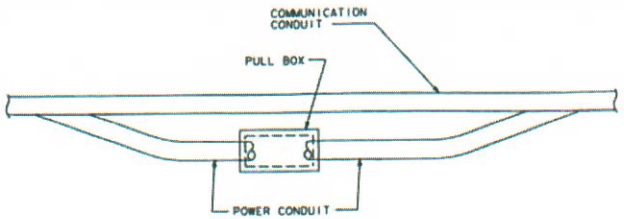
PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
444 S. FLOWER STREET, SUITE 1850
LOS ANGELES, CA 90071

REGISTERED PROFESSIONAL ENGINEER KEENE MATSUDA No. E011758 Exp. 09/30/00 ELECTRICAL STATE OF CALIFORNIA

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

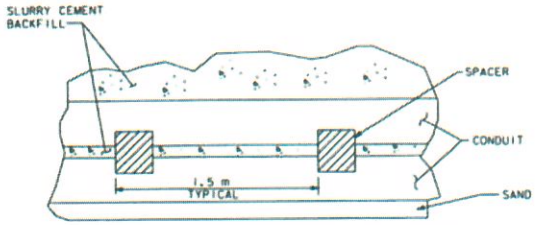
NOTES: (THIS SHEET ONLY)

1. SAWCUT TO 75 mm DEPTH BEFORE TRENCH IS CUT IN CONCRETE.
2. MATCH GRADATION & THICKNESS OF EXISTING SIDEWALK & COURSES.
3. CENTER CONDUIT IN TRENCH.

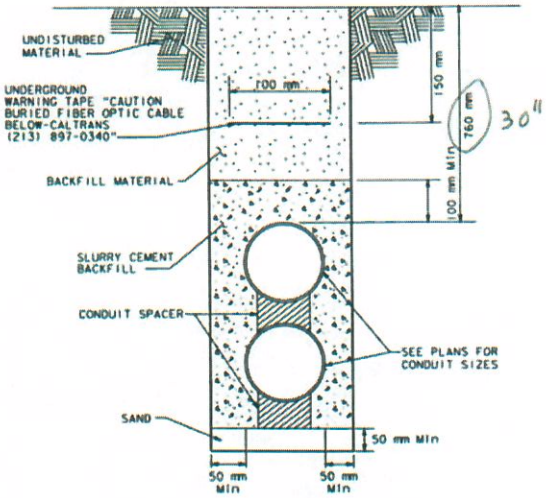


PLAN VIEW

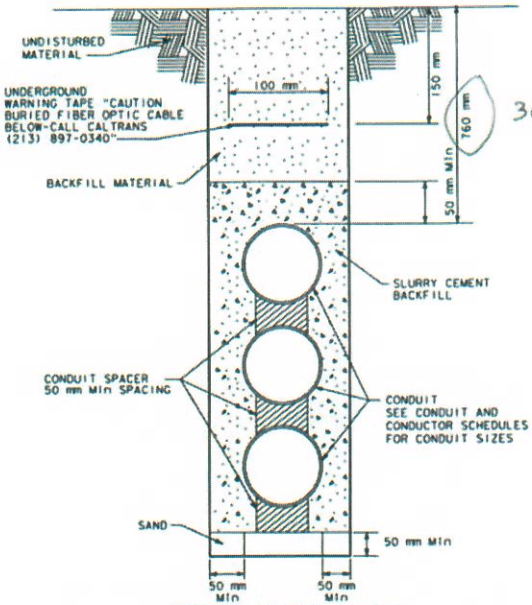
SHARED TRENCH DETAIL



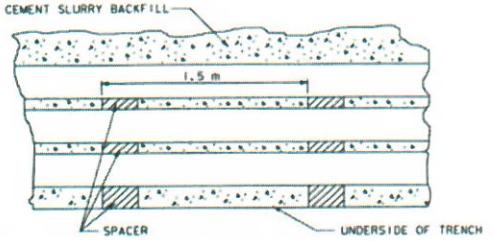
CONDUIT SPACER PLACEMENT, SIDEVIEW



TRENCH IN SOIL DETAIL



TRENCH IN SOIL DETAIL



ELEVATION OF TRENCH

TRENCH DETAILS FOR MULTIPLE CONDUIT

NO SCALE

E-78

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

PROJECT ENGINEER: PAT SULLIVAN

CALCULATED/ DESIGNED BY	DATE	REVISED BY
RC	6/96	
CHECKED BY	DATE REVISED	
KM	6/96	

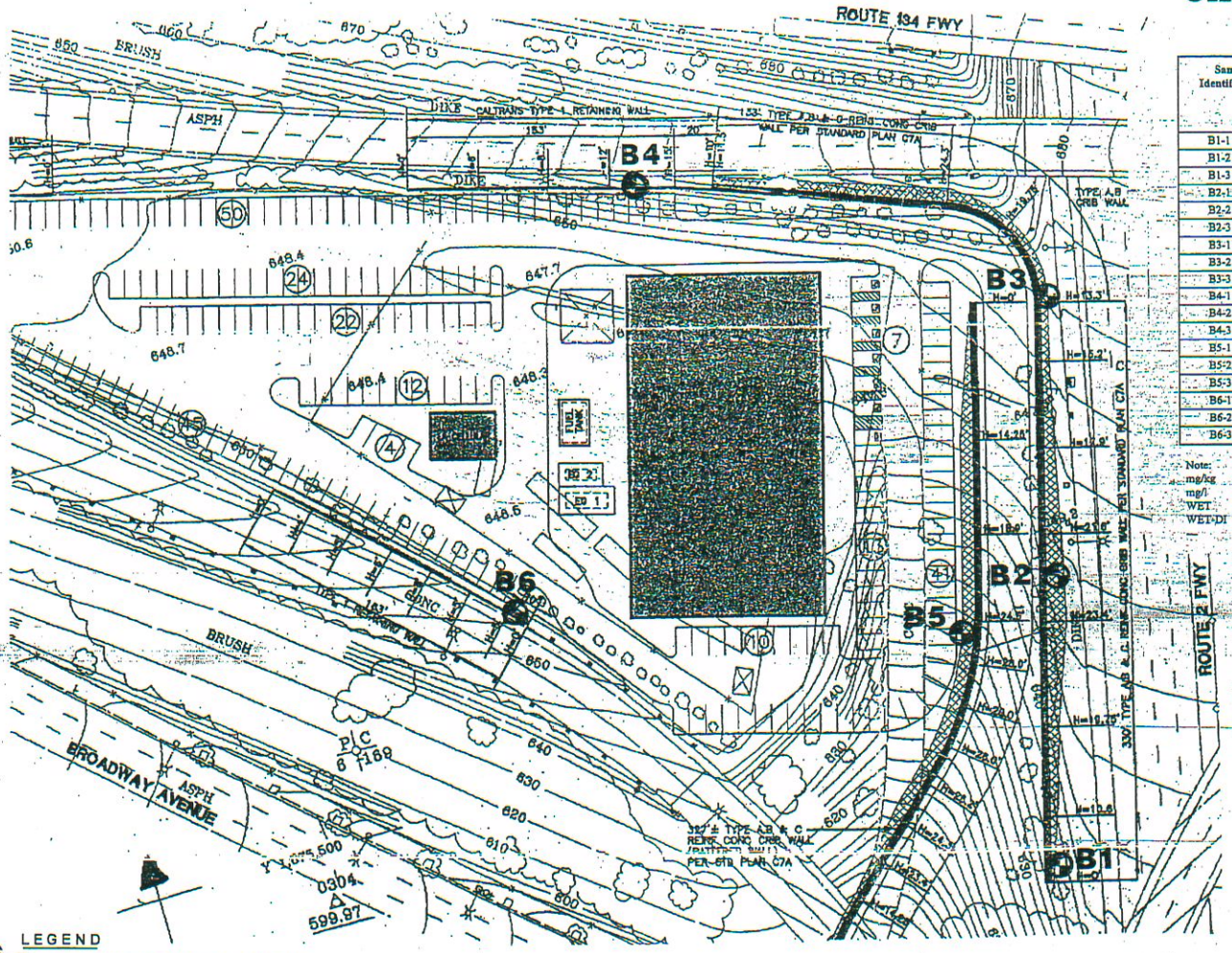
FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => $$$$$$USER$$$$$$
DGN FILE => $$$$$$$$$$$DGNSPEC$$$$$$$$$$$

CU 07396 EA 129921

TIME PLOTTED => $$$$$$SYTIME$$$$$$
LAST REVISION 00-00-00

LOS ANGELES REGIONAL TRAFFIC MANAGEMENT CENTER
GLENDALE, CALIFORNIA



B6 LEGEND .....APPROXIMATE BORING LOCATION

SUMMARY OF ANALYTICAL LABORATORY RESULTS

Sample Identification	Depth in feet	Total Lead EPA Test Method 6010 (mg/kg)	Soluble Lead - WET EPA Test Method 7420 (mg/l)	Soluble Lead - WET-DI EPA Test Method 7420 (mg/l)
B1-1	surface	467	35	0.27
B1-2	1	49	—	—
B1-3	2	35	—	—
B2-1	surface	164	10	0.12
B2-2	1	29	—	—
B2-3	2	36	—	—
B3-1	surface	115	6.3	—
B3-2	1	51	1.1	—
B3-3	2	36	—	—
B4-1	surface	101	16	0.011
B4-2	1	52	4.5	—
B4-3	2	37	—	—
B5-1	surface	35	—	—
B5-2	1	22	—	—
B5-3	2	30	—	—
B6-1	surface	335	17	0.22
B6-2	1	29	—	—
B6-3	2	31	—	—

Note:
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
WET = Waste Extraction Test
WET-DI = WET with deionized water used as the extractant
— = analysis not performed

SITE PLAN

GEOCON
ENVIRONMENTAL CONSULTANTS INCORPORATED
6970 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121-2974
PHONE 619 558-6100 - FAX 619 558-8437

PROJECT NO. 08730-06-73
FIGURE 2
DATE 07-24-1998