

GENERAL NOTES

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE, DEPARTMENT OF PUBLIC WORKS, STANDARD SPECIFICATIONS FOR P.W. CONSTRUCTION, CURRENT EDITION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS TO AFFECTS EACH UTILITY, INCLUDING EXISTING LINES AND APPROPRIATE, AND AS NO COPE TO THE CITY.
- TRIM EDGES OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- IN PAVEMENT OVERLAY AREAS, DISCREPANCIES BETWEEN EXISTING PAVEMENT SHALL BE REMOVED AND REPAIRED AS DIRECTED BY THE INSPECTOR. PRIOR TO OVERLAYING WITH A.C. PAVING.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND RE-REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- ALL FLAGGED ELEVATIONS SHALL BE STATED IN THE FIELD BY THE PRIVATE ENGINEER.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLAN FOR APPROVAL BY THE CITY.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES WERE OBTAINED FROM PUBLIC RECORDS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE, MAINTAIN, AND PROTECT ALL UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING THE PERFORMANCE OF THE WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE CITY OF RIVERSIDE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), TELEPHONE NUMBER 1-800-422-4131, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION SHALL BE PERMITTED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES WILL BE VALID UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY USA.
- ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE, PARK AND RECREATION DEPARTMENT STANDARDS.
- CONTACT THE PARK PROJECTS INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT 714-787-7233 TO SCHEDULE INSPECTIONS. INSPECTIONS SHALL BE REQUIRED: (a) WHEN PLANT LOCATIONS HAVE BEEN SHIPPED IN THE FIELD PRIOR TO SCHEDULING PLANT SETS, (b) WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES, (c) AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED FOR STAFF OF MAINTENANCE, AND (d) AT END OF MAINTENANCE/PLANT ACCEPTANCE. CONTRACTOR/DEVELOPER WILL BE RELEASED FROM MAINTENANCE ONLY UPON RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES.
- THE CONTRACTOR/DEVELOPER SHALL MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
- STREET TREE PLANTING SHALL BE AS FOLLOWS:

STREET NAME	NORMAL NAME/COMMON NAME	MIN. SIZE	APPROX. SPACING	NO. REQUIRED
INDIANA AVE.	WASHINGTON ROBUSTA/ MEXICAN FAN PALM	4"	45'	9
LA SIERRA AVE.	WASHINGTON ROBUSTA/ MEXICAN FAN PALM	4"	45'	13
- PUBLIC WORKS AND PARK AND RECREATION DEPARTMENT PERMITS ARE REQUIRED PRIOR TO COMMENCEMENT OF TREE RELOCATION AND/OR REMOVAL WORK. FOR ALL TREES WITHIN THE UTILITY RIGHT OF WAY, BACKFILL OF ALL HOLES IS TO BE INSPECTED BY THE CITY FOR PROPER CONSTRUCTION.
- DEVELOPER TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALL CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK (714-787-7411).
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- SEE TRAFFIC SIGNAL PLAN X-438 FOR TRAFFIC SIGNAL FACILITIES AND STRIPING.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR GAILY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTOR.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- STREET OPENING PERMIT FOR CONSTRUCTION AND/OR MODIFICATION OF TRAFFIC SIGNAL FACILITIES REQUIRED.
- THE SURVEYOR SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREET HAS BEEN PREPARED TO SOIL GRADE. WORK OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
- ON ALL AREAS WITHIN PUBLIC RIGHT-OF-WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTON OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/ISSUE SHEETS.

LEGEND

- NEW A.C. PAVEMENT
- OVERLAY EXIST. PAVEMENT
- CITY PARTICIPATION PAVING & BASE BY CITY

VICINITY MAP

SEE SHEET NO. 2 MATCHLINE 41+85.83 BCR
REMOVE EXISTING A.C. WALK
STA. 20+23.63 INDIANA AVE. = STA. 41+18.81 LA SIERRA AVE.

QUANTITIES

DESCRIPTION	QUANTITIES
CONSTRUCT 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. DOC. 200, TYPE 1	1670 LF
REMOVE EXISTING A.C. PAVEMENT AND A.C. WALK	15,200 S.F.
CONSTRUCT CURB SIDEWALK (6.5' WIDTH) PER CITY OF RIVERSIDE STD. DOC. 325	8,250 S.F.
CONSTRUCT STRUCTURAL SECTION OF 4.0" A.C. PAVEMENT OVER 1.00" OF CLAS. II AGGREGATE BASE PER S.R. 1307 R-VALUE = 45	13,500 S.F.
CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE, P.W.D. STD. NO. 408, 14"x14", V=5.15'	1 EA
OVERLAY EXISTING A.C. PAVEMENT WITH VARIABLE THICKNESS A.C. PAVEMENT	19,300 S.F.
MODIFIED WHEELCHAIR RAMP PER DETAIL HEREON	8 EA
WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DOC. 304	1 EA
CONSTRUCT STRUCTURAL SECTION OF 0.25" A.C. PAVEMENT OVER 0.67" OF CLAS. II AGGREGATE BASE PER S.R. 1307 R-VALUE = 45	20,000 SF.
CONSTRUCT CROSS-CUTTER AND SPANBELL PER CITY OF RIVERSIDE STD. DOC. 226	5,050 SF.
INSTALL STOP SIGNS TYPE R1 AND KEEP RIGHT SIGNS TYPE R7 PER CITY OF RIVERSIDE STD. Dwg. No. 608	5 EA
PLANT STREET TREES PER CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT STANDARDS AND GENERAL NOTE 14 AT LEFT	23 EA
CONSTRUCT PARABOLIC FLARE PER CITY OF RIVERSIDE STD. PLAN NO. 185 - WIDTH AND LENGTH PER PLAN	30 LF
CONSTRUCT RETAINING WALL PER CITY OF RIVERSIDE STD. PLAN NO. 185 - V=10', L=120' AND W=22', L=180'	120 LF
CONSTRUCT MEDIAN CURB PER DETAIL ON SHEET 8 (STD. 200, 204, 205, 206 MODIFIED)	57 LF
RELOCATE EXISTING POWER POLE	1 EA
RELOCATE EXISTING TRAFFIC SIGNS	L.S.
REMOVE EXISTING TREES; CONCRETE SLAB WATER METER, CONCRETE WEIRS AND EXISTING UNDER SIDEWALK DRAINS	L.S.
CONSTRUCT DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. Dwg. 302 MODIFIED AS SHOWN ON PLAN THIS SHEET	460 SF.
CONSTRUCT 6" WIDE X 4" THICK A.C. SIDEWALK WITH A.C. BERM PER STD. 250, TYPE 1	263 LF
CONSTRUCT CONCRETE PIPE COLLAR PER CITY OF RIVERSIDE STD. 284	1 EA
CONSTRUCT 15" REINFORCED CONCRETE PIPE (2'-0.00')	87 LF
INSTALL "THRU TRAFFIC" MERGE LEFT SIGN TYPE W74 PER CITY OF RIVERSIDE STD. Dwg. No. 606	2 EA
APPLY WHITE AND YELLOW STRIPES - 4" AND 12" PER CITY 3 AND CALIFORNIA STD. A 20-A, DEPT. OF TRANSPORTATION, STATE OF CA.	L.S.
INSTALL "RIGHT LANE MUST EXIT" SIGN TYPE R18 PER CITY OF RIVERSIDE STD. NO. 604	1 EA
INSTALL 8" CAST IRON DRAIN PIPE	132 LF

TYPICAL SECTION

STA. 10+54.01 TO 13+22.25 INDIANA AVENUE
T.I. = 7.0

CURVE DATA

CURVE NO.	DELTA	RADIUS	LENGTH	TANGENT	PC	PT	PI
(1)	90° 01' 05"	42.00'	65.99'	42.01'	35.00'	54.99'	35.01'
(2)	90° 00' 25"	35.00'	54.98'	42.01'	50.00'	34.60'	18.03'
(3)	DELETED	DELETED	DELETED	DELETED	3.00'	6.79'	6.35'
(4)	90° 01' 05"	35.00'	54.99'	42.01'	54.99'	34.60'	18.03'
(5)	39° 39' 02"	50.00'	34.60'	18.03'			
(6)	129° 39' 02"	3.00'	6.79'	6.35'			

BENCHMARK:
CITY OF RIVERSIDE BENCHMARK E2-D
FOUND P.K. NAIL WITH CITY ENGINEER TAG MARKED "B.M." IN CENTER OF SE CURB RETURN AT INDIANA AVE. AND RLLB OFF ST.
ELEV. = 738.208

50. CALIF. GAS CO.
BY: OL M. JOURNAL
DATE: 5/31/84

PACIFIC TELEPHONE
BY: R.P. Nelson
DATE: 7-25-84

CITY OF RIVERSIDE ELECTRIC DEPARTMENT
BY: John Johnson
DATE: 5/1/84

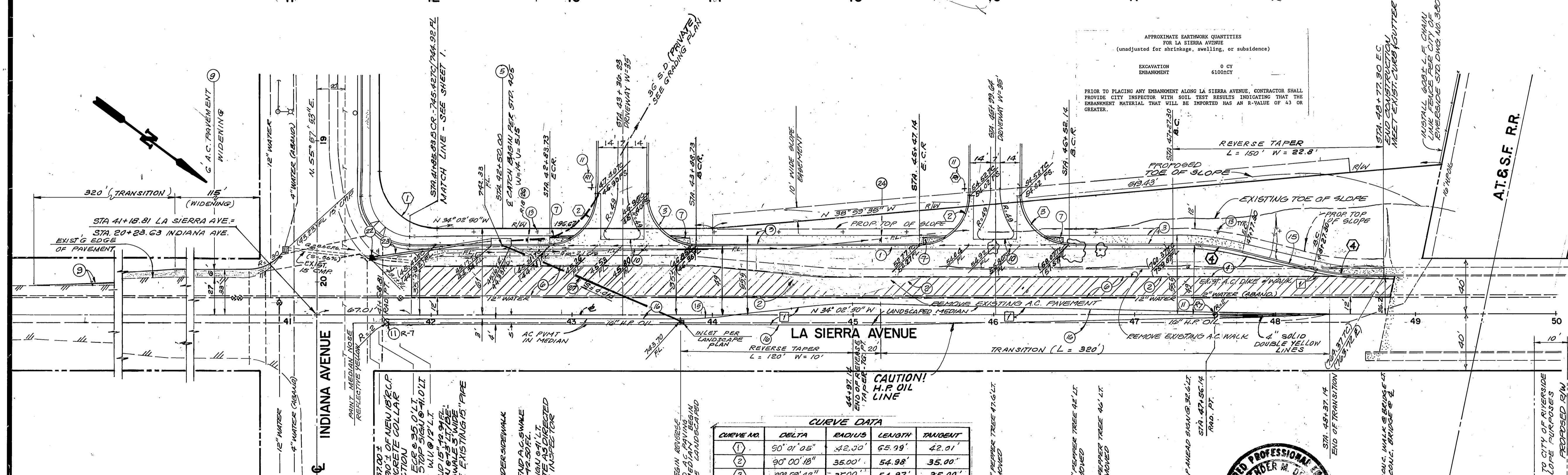
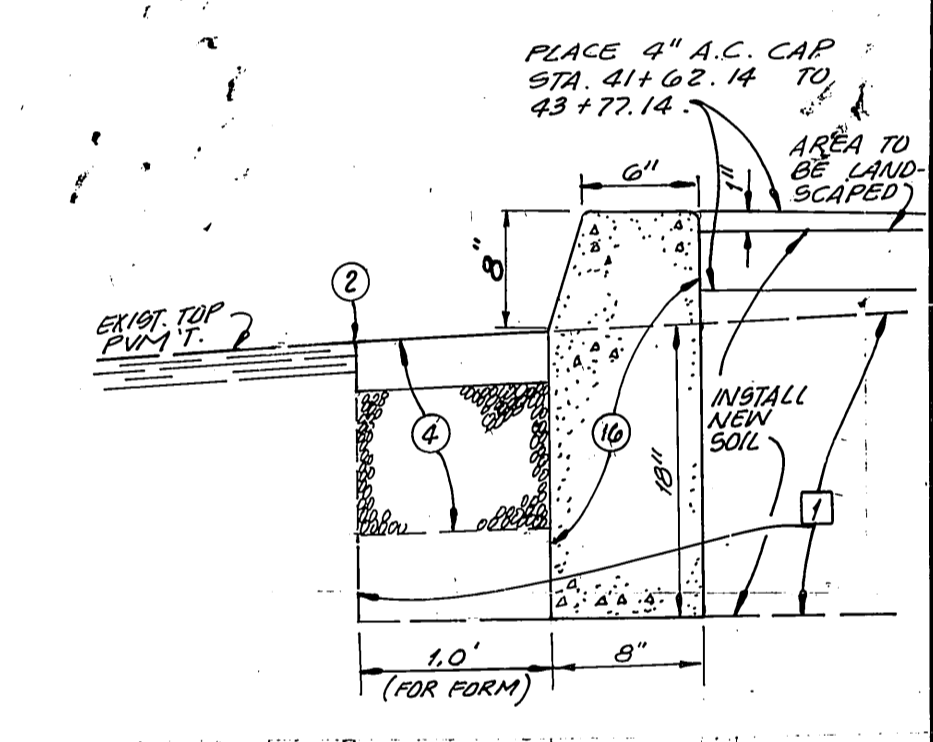
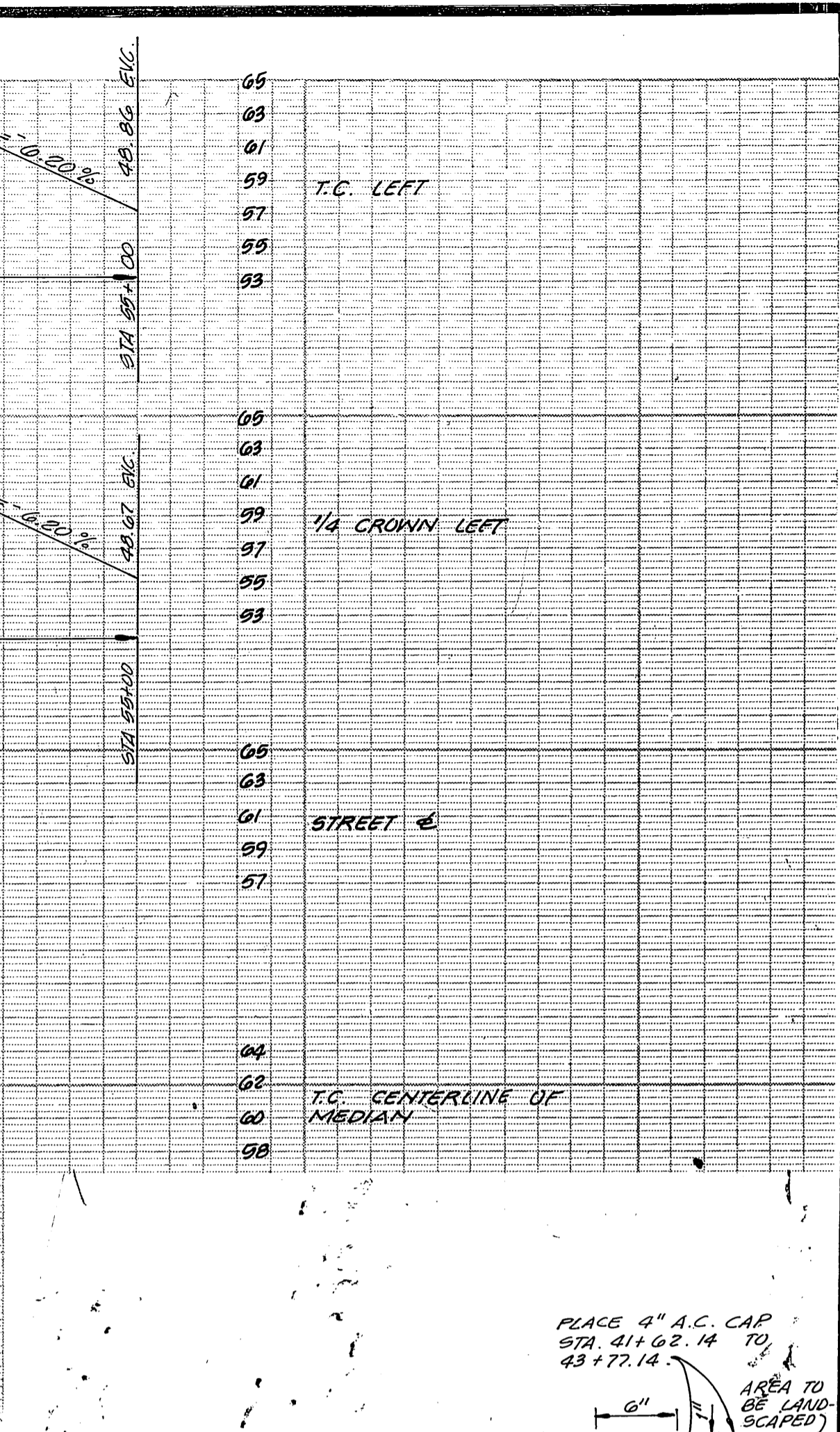
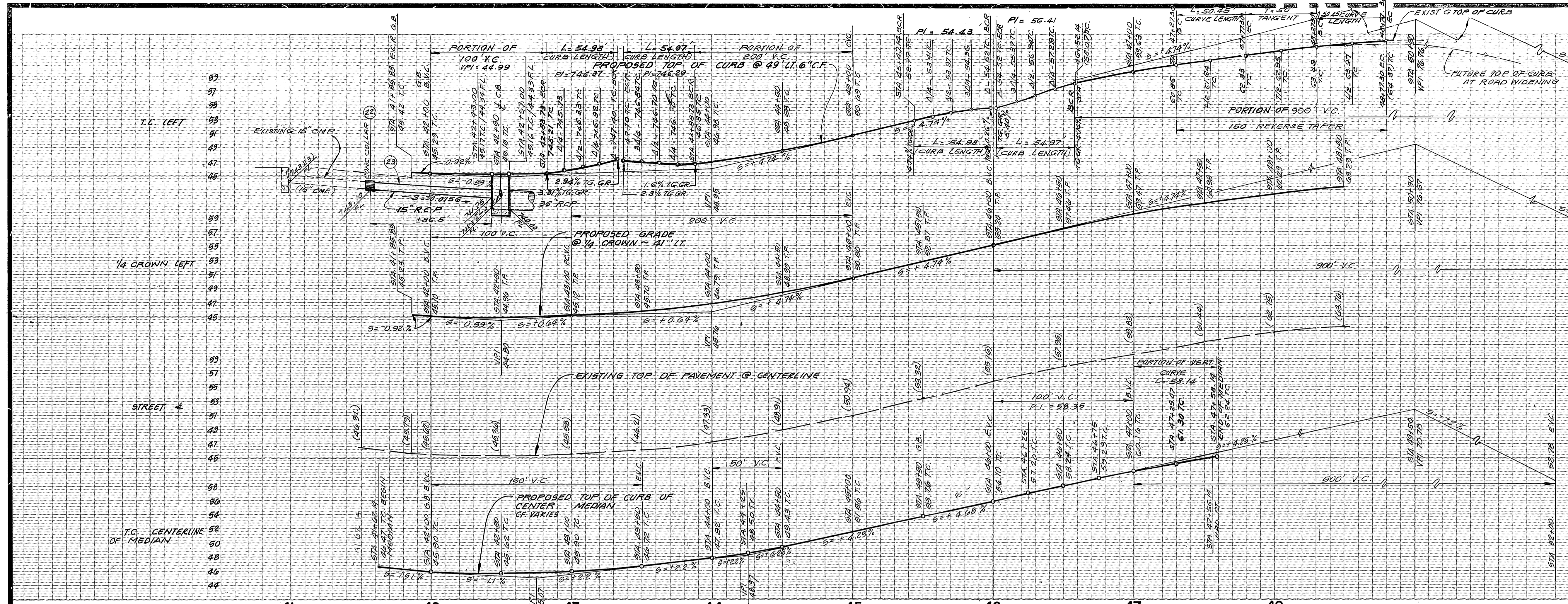
CITY OF RIVERSIDE DOMESTIC WATER SYSTEM
BY: [Signature]
DATE: 8-20-84

DCA Don Creek and Associates
CONSULTING CIVIL ENGINEERS
ENVIRONMENTAL ENGINEERS
SURVEYORS
2428 N. GRAND AVE. SUITE E SANTA ANA, CA 92701 (714) 843-1990
Andrews 9/08/88
S. DEWAN R.C.E. NO. 34559 EXPIRES 9-30-90

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature] DATE: 10/26/88
PRINCIPAL ENGINEER: Barry Red
PARK DEPARTMENT: [Signature] DIRECTOR OF PUBLIC WORKS
TRAFFIC DIVISION: [Signature]
CHIEF P.W. ENGR.: [Signature]
DATE: 10/26/88

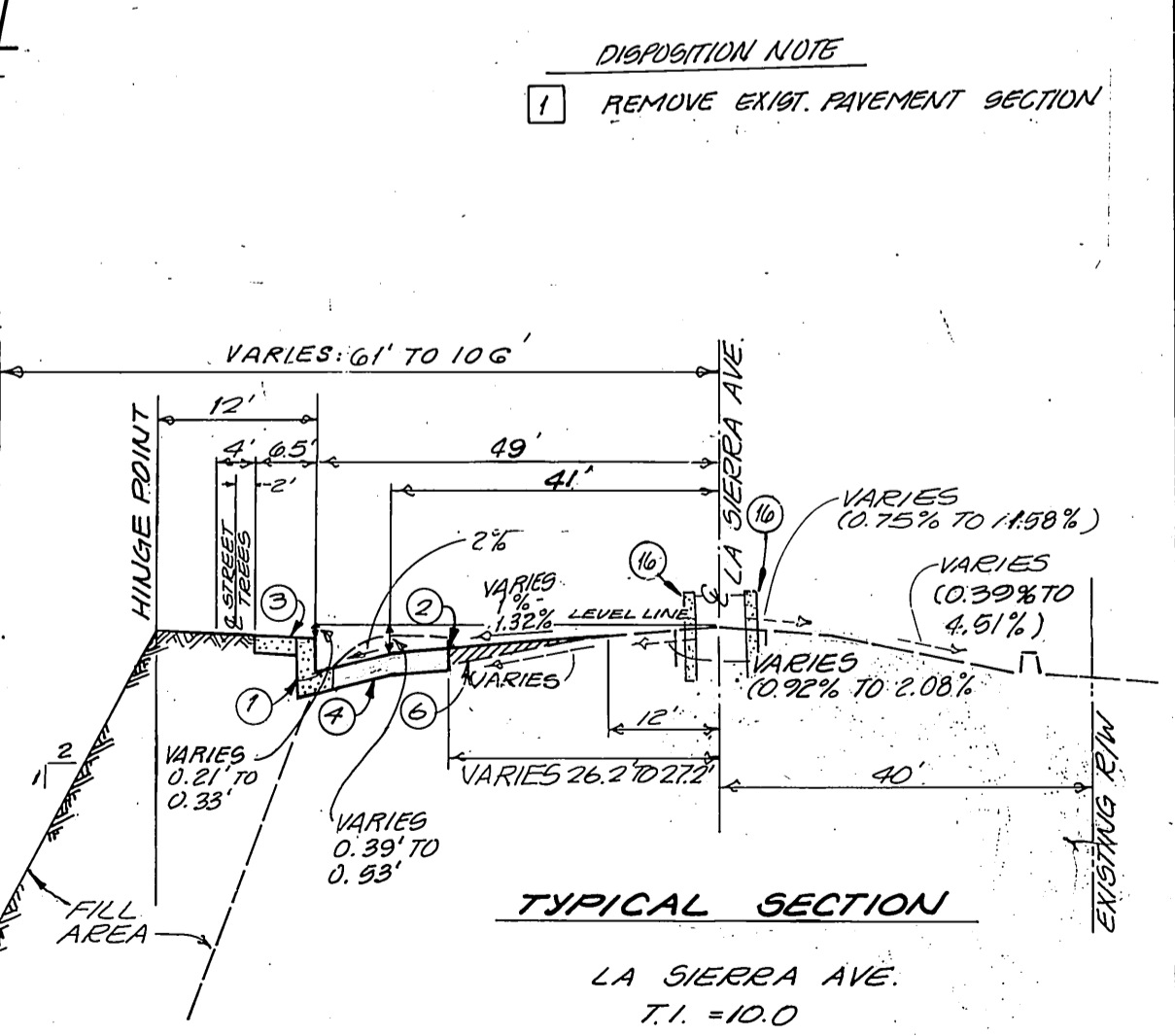
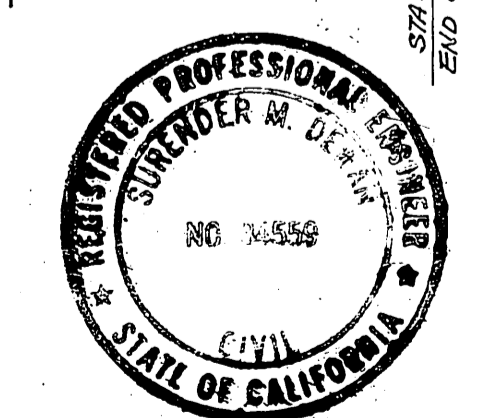
STREET IMPROVEMENT PLAN INDIANA AVENUE
PM 23068 #R-17-834
LA SIERRA AVENUE SW'LY 950'
SCALE: HORIZ: 1"=40' VERT: 1"=4'

ACCOUNT NO. DRAWING NUMBER R-2625
SHEET 1 OF 3
INDEXED 11-1-88 lft



CURVE DATA

CURVE NO.	DELTA	RADIUS	LENGTH	TANGENT
1	90° 01' 05"	42.30'	65.99'	42.01'
2	90° 00' 18"	35.00'	54.98'	35.00'
3	89° 59' 42"	35.00'	54.97'	35.00'
4	13° 45' 48"	210'	50.45'	25.35'



BENCHMARK:
CITY OF RIVERSIDE BENCHMARK EE-D
FOUND RR. NAIL WITH CITY ENGINEER TAG
MARKED "28.71" IN CENTER OF 9" CURB
RETURN AT INDIANA AVE. AND FILL MORE
STREET.
ELEV. 738.908

T.B.M.
FOUND CHISELED "D" N.W. CORNER
3' X 3' 6" X 1' 6" HIGH R.R. SNITCH BOX
CONC. BASE 4.5' ± E. LY OF LA SIERRA
BRIDGE, 12' ± N.W. LY OF A.T.S.F. R.R.
ELEV. 736.70

30. CALIF. GAS CO.
BY: *D.M. Gausman*
DATE: 5/31/84

PACIFIC TELEPHONE
BY: *P. J. Nelson*
DATE: 7-25-84

**CITY OF RIVERSIDE
ELECTRIC DEPARTMENT**
BY: *John Johnson*
DATE: 5/31/84

**CITY OF RIVERSIDE
DOMESTIC WATER SYSTEM**
BY: *John Johnson*
DATE: 8-20-84

Don Creek and Associates
CONSULTING CIVIL ENGINEERS
ENVIRONMENTAL ENGINEERS
SURVEYORS
2428 N. GRAND AVE., SUITE 15
RIVERSIDE, CALIF. 92504
(941) 933-0990
S. Dewan 9.08.88
R.C.E. NO. 34559 EXPIRES DATE
9.30.89

**CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT**
APPROVED BY: *Barry Bed*
DATE: 10/26/88
DIRECTOR OF PUBLIC WORKS

**CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT**
APPROVED BY: *Barry Bed*
DATE: 10/26/88
DIRECTOR OF PUBLIC WORKS

**STREET IMPROVEMENT PLAN
LA SIERRA AVENUE
PM 23068 + R-17-834
INDIANA AVENUE NW'LY 760'**

ACCOUNT NO.
DRAWING NUMBER
R-2625
SHEET 2 OF 3

SCALE: HORIZ. 1" = 40' VERT. 1" = 8'