

CONSTRUCTION NOTES:

1. CONSTRUCT TYPE I CURB & GUTTER (6" C.F.) PER CITY OF RIVERSIDE STANDARD NO. 200.
2. CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STANDARD NO. 326.
3. CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STANDARD NO. 304.
4. CONSTRUCT DRIVEWAY APPROACH PER CITY OF RIVERSIDE STANDARD NO. 302.
5. PLACE 4" A.C. PAVING OVER COMPACTED NATIVE SOIL CRUSHED A-B PER SOILS REPORT # 1199, R = 72 MIN.
6. OVERLAY EXISTING PAVEMENT PER PLANS AND TYPICAL SECTION.
7. REMOVE AND REPLACE EXISTING PAVEMENT PER PLANS AND TYPICAL SECTION.
8. ITEM TO BE REMOVED BY CONTRACTOR
9. ITEM TO BE RELOCATED BY CONTRACTOR
10. CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STANDARD NO. 406. W = 40'; V = 5.70'
11. PLACE 29 L.F. OF 15" R.C.P. (2000-D) @ 0.84%
12. REMOVE EXISTING 30" C.M.P. INLET AND JOIN EXISTING 15" R.C.P. FL. ELEVATION TO BE VERIFIED IN FIELD AT TIME OF CONSTRUCTION.
13. CONSTRUCT 6" A.C. BERM TYPE I PER CITY OF RIVERSIDE STANDARD NO. 254.
14. CONSTRUCT TYPE II CURB ONLY (6" C.F.) PER CITY OF RIVERSIDE STANDARD NO. 200.
15. CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STANDARD NO. 220.
16. ADJUST TO GRADE BY OTHERS, OR AS NOTED.
17. PLANT STREET TREES PER CITY OF RIVERSIDE PARKS AND RECREATION DEPARTMENT STANDARDS.
18. PROTECT IN PLACE.
19. ITEM TO BE RELOCATED BY OTHERS
20. ADJUST TO GRADE BY CONTRACTOR

ESTIMATE OF QUANTITIES

CURB & GUTTER (6" C.F.)	406 L.F.
CURB SIDEWALK	2436 S.F.
DRIVEWAY APPROACH	2 EA.
WHEELCHAIR RAMP	5 EA.
6" A.C. BERM	144 L.F.
4" A.C. PAVING	20,750 S.F.
VARIABLE OVERLAY	3029 S.F.
REMOVE & REPLACE EXIST. A.C.	3240 S.F.
CATCH BASIN	1 EA.
15" R.C.P.	29 L.F.
ROADWAY EXCAVATION	620 C.Y.
ROADWAY EMBANKMENT	13 C.Y.
FOG SEAL	27,000 S.F.
CURB ONLY	103 L.F.
CROSS GUTTER	564 S.F.

GENERAL NOTES: (CONTINUED)

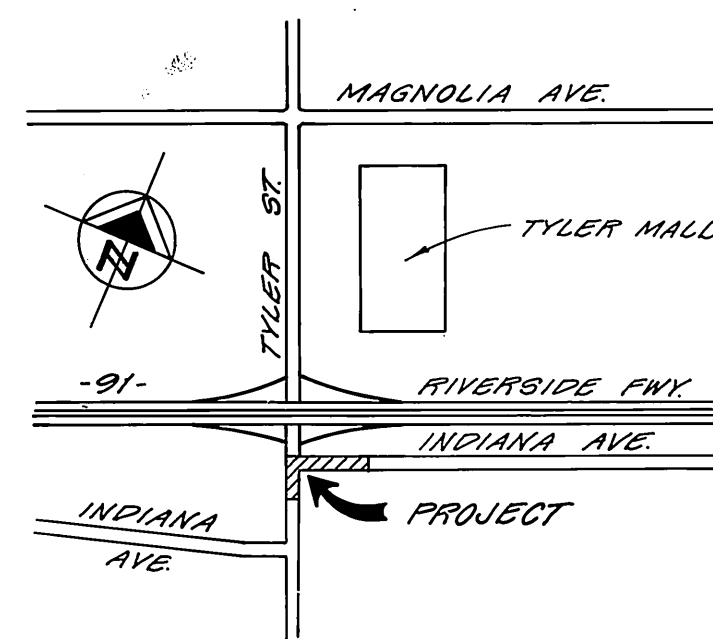
23. THE DEVELOPER SHALL MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
24. STREET TREE PLANTING SHALL BE AS FOLLOWS:

STREET NAME	BOTANICAL NAME / COMMON NAME	MIN. SIZE	APPROX. NO. SPACING	NO. AREAS
a) INDIANA AVE	BRANEA EDULIS / GUADALUPE FAN PALM	15 GAL.	50'	6
b) TYLER ST.	MAGNOLIA GRANDIFLORA / MAJESTIC BEAUTY	15 GAL.	50'	3
25. A PUBLIC WORKS DEPARTMENT PERMIT IS REQUIRED PRIOR TO COMMENCEMENT OF TREE RELOCATION AND/OR REMOVAL WORK. FOR ALL TREES WITHIN THE ULTIMATE PAVEMENT AREA, BACKFILL OF ALL HOLES IS TO BE INSPECTED BY THE CITY FOR PROPER COMPLETION.

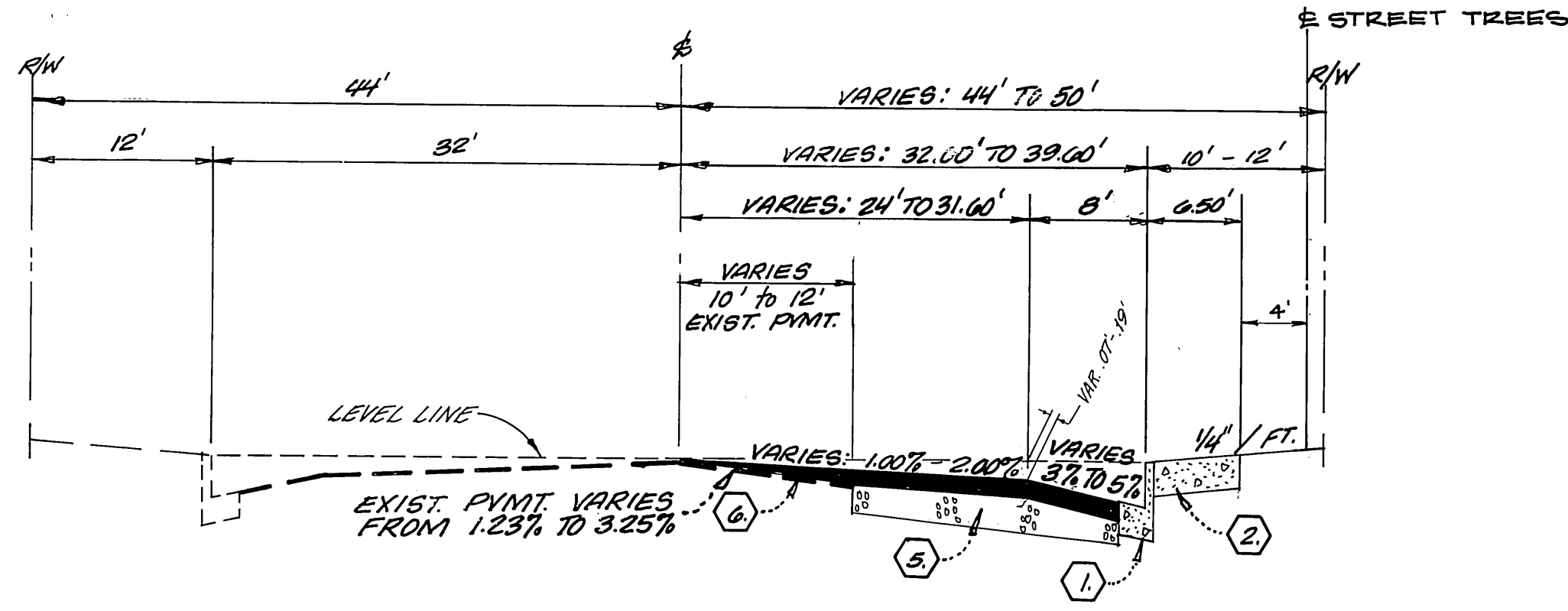
BENCH MARK:

NO. 601-25-68 - CIR. F.B. #978/28-31/35
 STD. DISK IN CONCRETE, 10' NORTHEAST OF FREEWAY BRIDGE ABUTMENT, 47.0' SOUTHWEST OF THE & OF TYLER STREET.

ELEV: 750.665

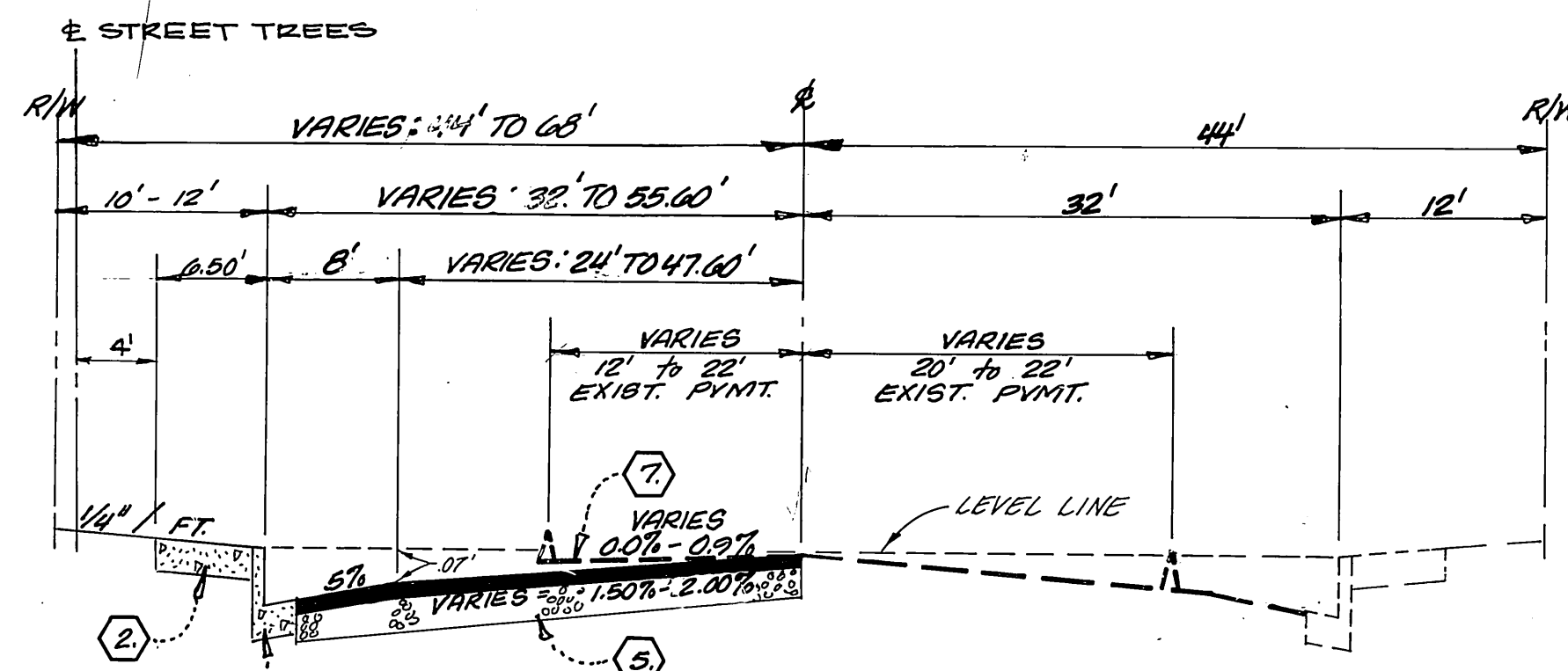


VICINITY MAP
NOT TO SCALE



TYPICAL SECTION - INDIANA AVE.

NO SCALE
T.I. - 7



TYPICAL SECTION - TYLER ST.

NO SCALE
T.I. - 7

GENERAL NOTES:

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS TO ALL UTILITIES INCLUDING REGISTRATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1982 EDITION.
3. STRIP EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH STRAIGHT LINE. CONTRACTOR MATCH UP PAVING 25' SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION. ENGINEER ESTIMATES OVERLAY TO BE 40 TONS.
4. DRIVEWAYS TO BE CONSTRUCTED AS SHOWN ON SHEETS 2 AND 3 OF THESE PLANS.
5. CURB AND GUTTER SHALL BE STAKED WITH 30' OFFSETS AT 25' INTERVALS.
6. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
7. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
8. THE DEVELOPER SHALL ARRANGE FOR A SOILS TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
9. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
10. THE CONTRACTOR SHALL ADJUST MANHOLES TO GRADE AFTER PAVING IS COMPLETED.
11. ANY TRAFFIC CONTROL STRIPPING OBLITERATED AND/OR BADLY WORN DURING CONST. SHALL BE RESTORED BY THE CONTRACTOR WITHIN 5 DAYS AFTER NOTIFICATION FROM THE CITY.
12. THE DEVELOPER SHALL CHECK WITH U.S.P.S. FOR NUMBER & LOCATION OF MAIL BOXES.
13. 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 AS A RESULT OF ERRORS OR OMISSIONS, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
14. FINAL STRIPPING FOR TRAFFIC CONTROL AND/OR PMMT MARKING TO BE RESPONSIBILITY OF DEVELOPER.
15. STREET OPENING PERMIT FOR CONST. AND/OR MODIFICATION OF TRAFFIC SIGNAL FACILITIES REQ.
16. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) FOR A LOCATION AT PHONE # 1-800-482-4333-2 DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT ISSUED BY THE PUBLIC WORKS DEPT. INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES WILL BE VALID UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY I.D. NO. BY U.S.A.
17. THE PRIVATE ENGINEER PREPARING THESE PLANS SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
18. 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 COMPLETION OF THE FILL BELOW SUBGRADE, PRIOR TO THE ISSUANCE OF THE CONST. PERMIT/CUTBETS.
19. DEVELOPER TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK. (PHONE: 787-7611)
20. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE, PARK AND RECREATION DEPARTMENT STANDARDS.
21. CONTACT THE PARK PROJECTS INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT 787-7223 TO SCHEDULE INSPECTIONS. INSPECTIONS SHALL BE REQUIRED: A) WHEN PLANT LOCATIONS HAVE BEEN SPOTTED IN THE FIELD PRIOR TO DIGGING PLANT FITS, AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED FOR START OF MAINTENANCE, AND B) AT END OF MAINTENANCE / FINAL ACCEPTANCE 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.

NOTICE TO CONTRACTOR:

1. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES, PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS.
2. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
3. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS OBLIGATION SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND PRIVATE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

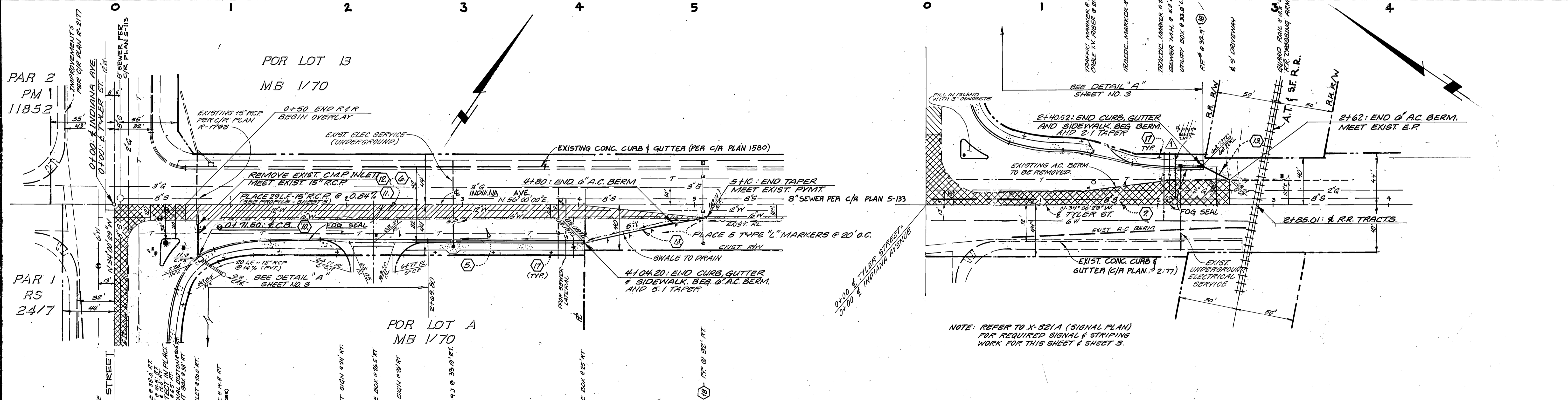
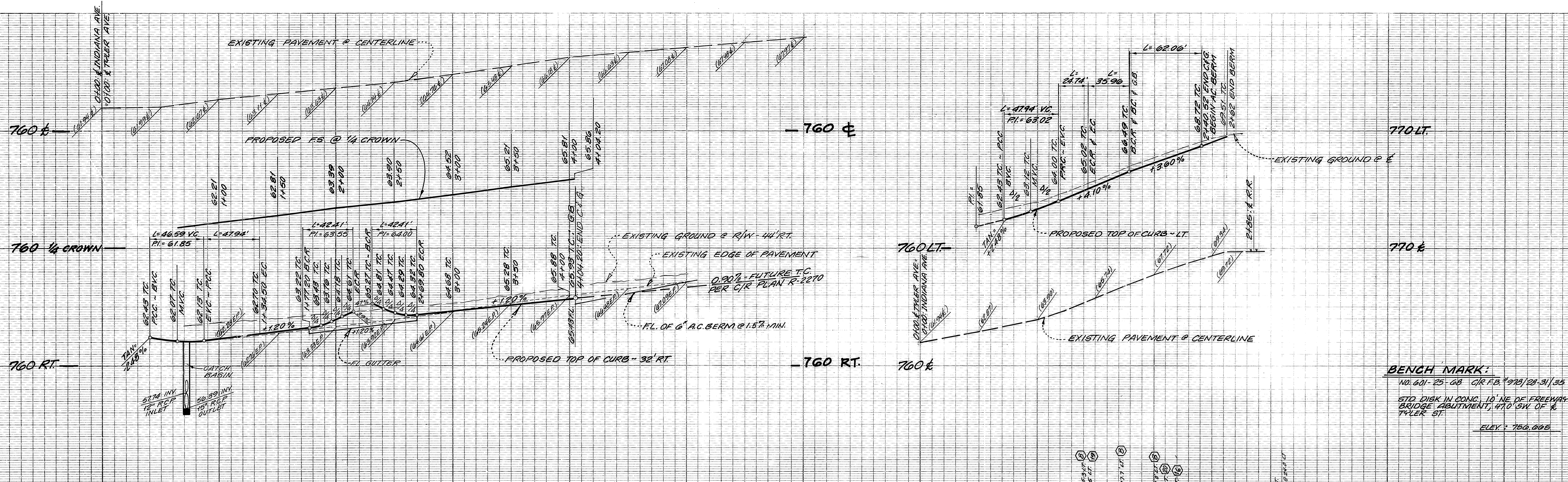
PACIFIC BELL TELEPHONE COMPANY

R.P. Nolan 7-24-84 DATE

MULLINS, MARTIN AND ASSOCIATES
 1426 W. 6TH ST SUITE 109
 CORONA, CALIF 91720
 (714)-735-3585

PREPARED BY: James E. Mullins
 DATE: 7/17/84

FALCON CABLE T.V.	SOUTHERN CALIFORNIA GAS COMPANY	CITY OF RIVERSIDE OVERHEAD & UNDERGROUND	CITY OF RIVERSIDE DOMESTIC SYSTEM	MULLINS, MARTIN AND ASSOCIATES	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	STREET PLAN & PROFILE INDIANA AVENUE FROM TYLER ST. TO 500.00' ELY TYLER ST.	ACCOUNT NO. DRAWING NUMBER R-2612
DATE: 7/18/84	DATE: 6/26/84	DATE: 7/23/84	DATE: 7-24-84	DATE: 7/17/84	DATE: 8/1/84	INDIANA AVE TO 275' SLY OF INDIANA AVE R-60-775 & R-33-775	SHEET 1 OF 3

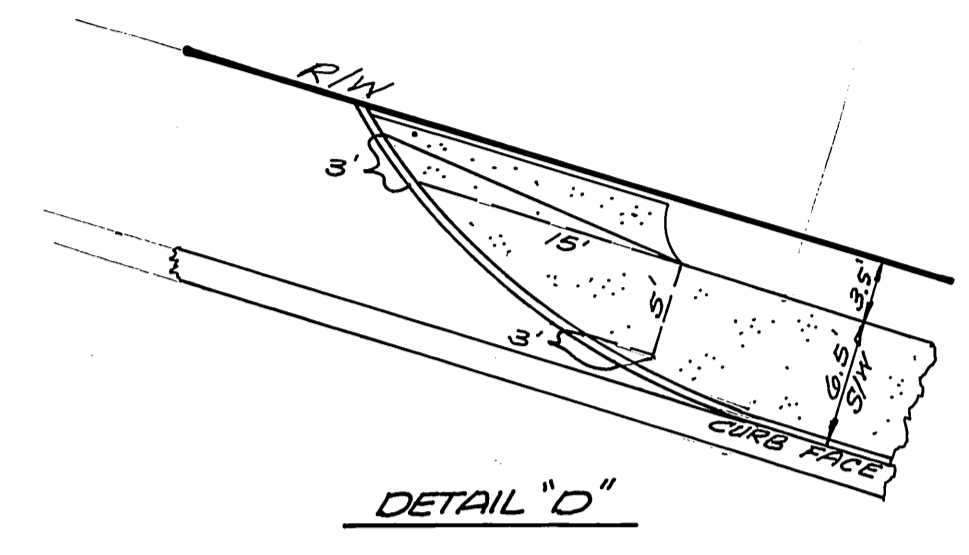
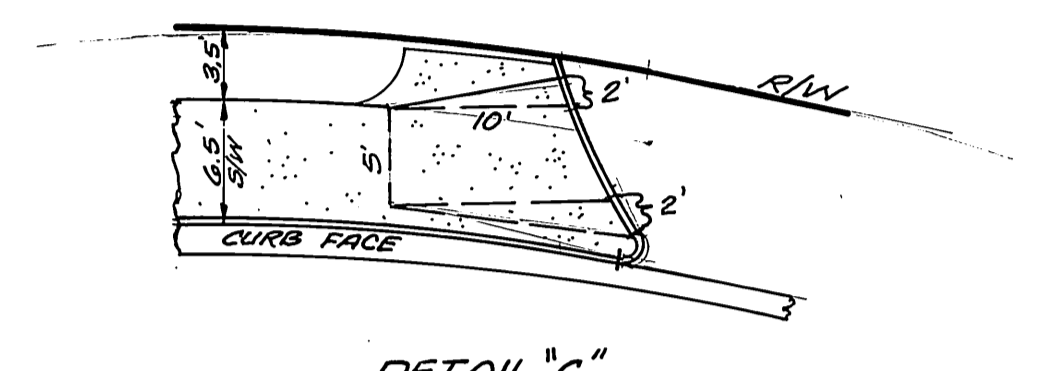
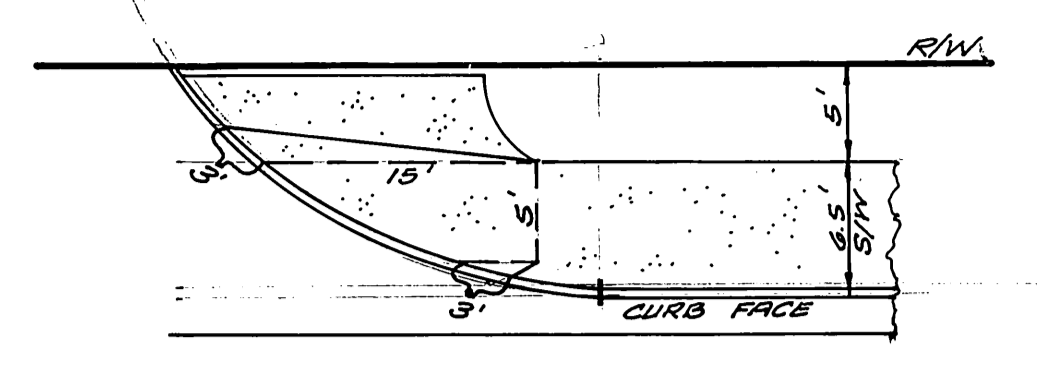
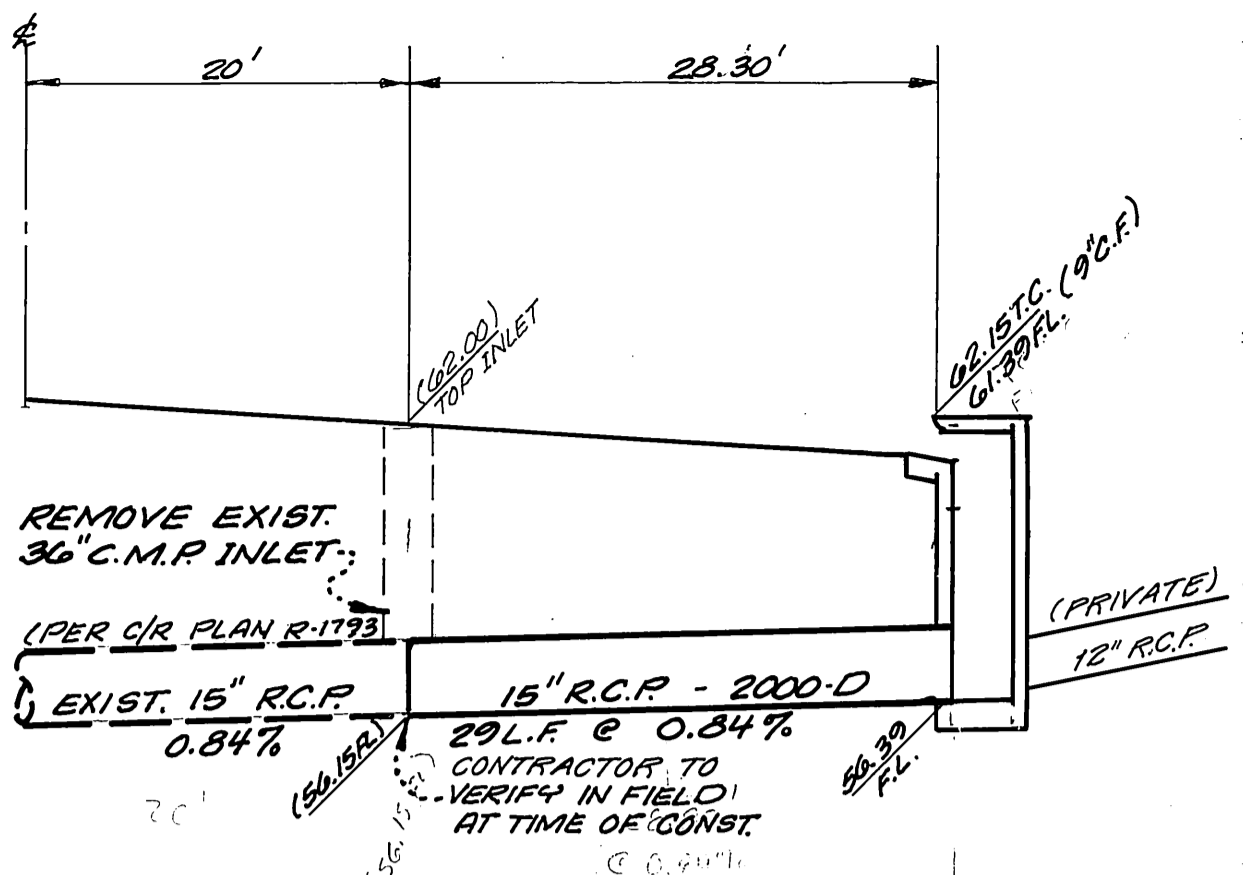


LEGEND:

- INDICATES 3/4" A.C. PAVING OVER COMPACTED SUBGRADE
- INDICATES VARIABLE OVERLAY
- INDICATES REMOVE & REPLACE EXIST. A.C. PAVING

NOTE:
FOR TYPICAL SECTIONS, GENERAL AND CONSTRUCTION NOTES, SEE SHEET NO. 1.

SOUTHERN CALIFORNIA GAS COMPANY	CITY OF RIVERSIDE OVERHEAD & UNDERGROUND	CITY OF RIVERSIDE DOMESTIC SYSTEM	FALCON CABLE TV.	PACIFIC BELL TELEPHONE COMPANY
OR M. Hagan DATE 6/26/84	John Johnson CHIEF UTILITIES ENGR. DATE 7/23/84	Dan L. Pugh CHIEF UTIL. ENGR. WTRPR DATE 7-24-84	[Signature] DATE 7/18/84	R. P. Wolcott DATE 7-24-84
MULLINS, MARTIN & ASSOCIATES 1426 W. 6TH ST. - SUITE 109 CORONA, CALIF. - 91720 (714) - 735-3585				
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT				
STREET PLAN & PROFILE INDIANA AVENUE FROM TYLER ST. TO 500.00' ELY TYLER ST. TYLER STREET				
INDIANA AVE TO 275' E. OF INDIANA AVE. R-60-778 & R-33-778				
SCALE: 1"=40' HOR. 1"=4' VER.				
ACCOUNT NO. R-2612 SHEET 2 OF 3				



STORM DRAIN PROFILE
SCALE: H: 1" = 10'
V: 1" = 4'

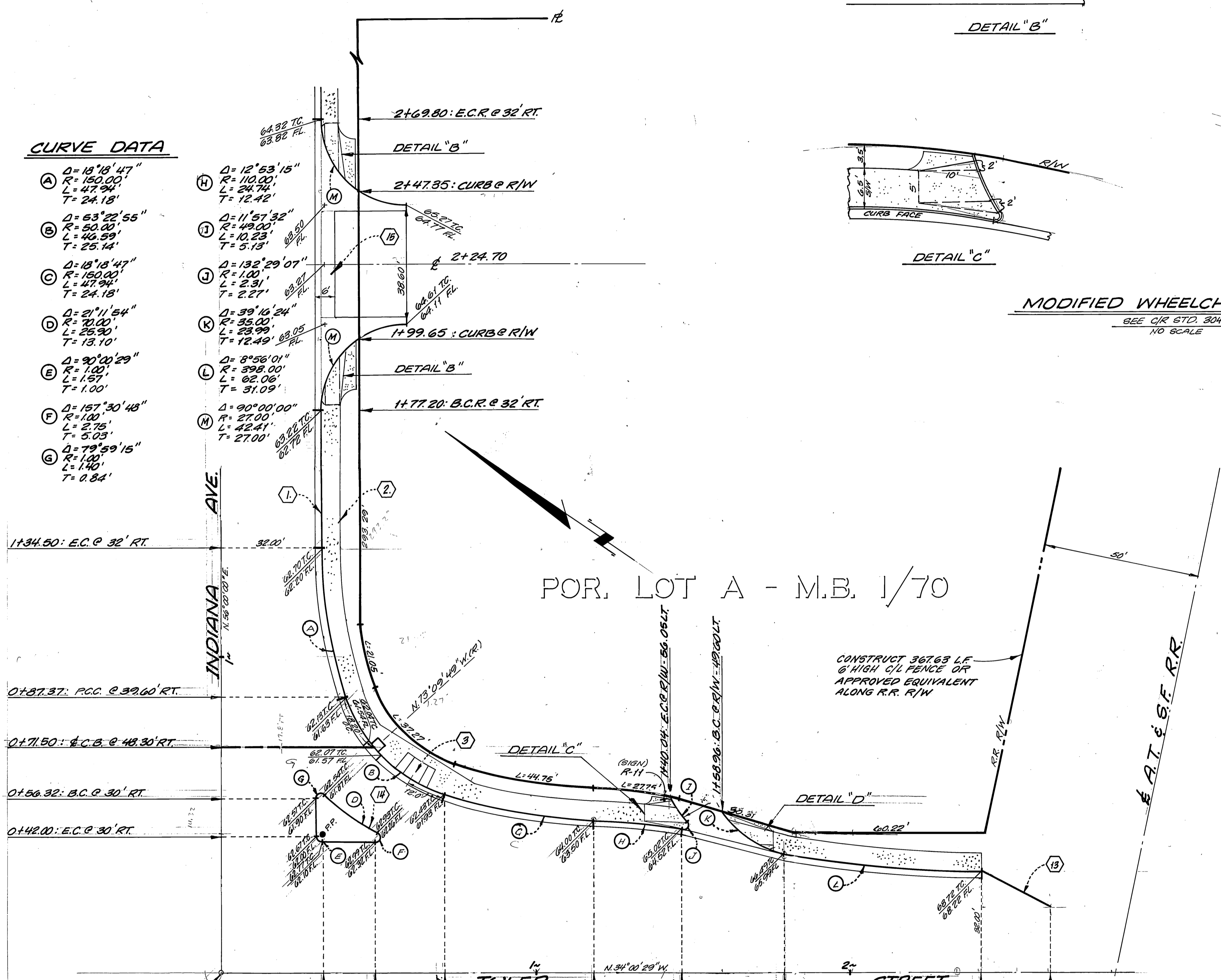
MODIFIED WHEELCHAIR RAMPS
SEE C.I.R. STD. 304
NO SCALE

NOTE:
FOR TYPICAL SECTIONS, GENERAL AND CONSTRUCTION NOTES, SEE SHEET NO. 1.

BENCH MARK:
NO. 601-25-68 C.I.R. F.B. 978/28-31/35
STD. DISK IN CONC. 10' NE OF FREEMAN BRIDGE ABUTMENT, 470' SW OF W. TYLER ST.
ELEV.: 756.665

CURVE DATA

(A) Δ = 18° 18' 47" R = 150.00' L = 47.94' T = 24.18'	(H) Δ = 12° 53' 15" R = 110.00' L = 24.74' T = 12.42'
(B) Δ = 63° 22' 55" R = 50.00' L = 46.59' T = 25.14'	(I) Δ = 11° 57' 32" R = 49.00' L = 10.23' T = 5.13'
(C) Δ = 18° 18' 47" R = 150.00' L = 47.94' T = 24.18'	(J) Δ = 132° 29' 07" R = 1.00' L = 2.31' T = 2.27'
(D) Δ = 21° 11' 54" R = 70.00' L = 25.30' T = 13.10'	(K) Δ = 39° 16' 24" R = 35.00' L = 23.99' T = 12.49'
(E) Δ = 90° 00' 29" R = 1.00' L = 1.57' T = 1.00'	(L) Δ = 8° 56' 01" R = 398.00' L = 62.06' T = 31.09'
(F) Δ = 157° 30' 48" R = 1.00' L = 2.75' T = 5.03'	(M) Δ = 90° 00' 00" R = 27.00' L = 42.41' T = 27.00'
(G) Δ = 79° 59' 15" R = 1.00' L = 1.40' T = 0.84'	



INTERSECTION DETAIL "A"
STA. 2+69.80 INDIANA AVE. TO STA. 2+40.52 TYLER ST.
SCALE: 1" = 20'

MULLINS, MARTIN & ASSOCIATES
1426 W. 6TH ST. SUITE 109
CORONA, CALIF. 91720
(714) 735-3585
PREPARED BY: James E. Mullins
DATE: 7/17/84
CHECKED BY: JAMES E. MULLINS, P.C.E. 33305

SOUTHERN CALIFORNIA GAS COMPANY	CITY OF RIVERSIDE OVERHEAD & UNDERGROUND	CITY OF RIVERSIDE DOMESTIC SYSTEM	FALCON CABLE T.V.	PACIFIC BELL TELEPHONE COMPANY
02M. Moore 6-26-84 DATE	John Johnson 7/23/84 CHIEF UTILITIES ENG. DATE	Don L. Smith 7-31-84 CHIEF UTILITIES ENG. DATE	7/18/84 DATE	R.P. Nelson 7-24-84 DATE
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		DETAIL SHEET NE'LY CORNER TYLER ST. AND INDIANA AVE. R-60-778 & R-33-778 SCALE: AS SHOWN		
APPROVED BY: [Signature] PRINCIPAL ENGINEER DATE: 7/23/84	APPROVED BY: [Signature] DIRECTOR OF PUBLIC WORKS DATE: 8/1/84	ACCOUNT NO. _____ DRAWING NUMBER R-2612 SHEET 3 OF 3		