

# City of Riverside, California

## Department of Public Works

### STREET IMPROVEMENT

AT

### CHAMBER STREET

T-31283

### RIVERSIDE, CALIFORNIA

STATION 6+92.53 to STATION 8+68.00

**CONSTRUCTION NOTES:**

| TAG NUMBER | DESCRIPTION                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------------------|
| ①          | NEAT SAWCUT AT EXT'G ASPHALT PAVING AND JOIN NEW ASPHALT AS SHOWN ON PLANS.                                   |
| ②          | CONSTRUCT 6" P.C.C. CURB & GUTTER PER CITY OF RIVERSIDE STANDARD DRAWING NO. 200, TYPE "1".                   |
| ③          | CONSTRUCT P.C.C. RESIDENTIAL DRIVEWAY APPROACH PER CITY OF RIVERSIDE STANDARD DRAWING NO. 302, TYPE "CURB-1". |
| ④          | CONSTRUCT P.C.C. SIDEWALK PER CITY OF RIVERSIDE STANDARD DRAWING NO. 325, CURB SIDEWALK.                      |
| ⑤          | CONSTRUCT A.C. PAVEMENT OVER CRUSHED AGG. BASE PER S.R.# R-VALUE= (SEE GENERAL NOTE # 12)                     |
| ⑥          | CONSTRUCT PUBLIC RIGHT OF WAY LANDSCAPE PER CITY OF RIVERSIDE PARKS AND RECREATION DEPT.                      |
| ⑦          | FUTURE PCC CURB & GUTTER BY OTHERS                                                                            |
| ⑦a         | CONSTRUCT 6" AC BERM                                                                                          |
| ⑧          | FUTURE SIDEWALK BY OTHERS                                                                                     |
| ⑨          | FUTURE PUBLIC RIGHT OF WAY LANDSCAPE BY OTHERS                                                                |
| ⑩          | PROTECT EXISTING EDGE OF PAVEMENT                                                                             |
| ⑪          | PROTECT EXISTING PCC CURB AND GUTTER                                                                          |
| ⑫          | PROTECT EXISTING SIDEWALK                                                                                     |
| ⑬          | PROTECT EXISTING SANITARY SEWER CLEAN OUT                                                                     |
| ⑭          | PROTECT EXISTING DOMESTIC WATER VALVE                                                                         |
| ⑮          | PROTECT EXISTING ASPHALT PAVEMENT                                                                             |
| ⑯          | CONSTRUCT 6" AC BERM AT EDGE OF EXT'G PAVEMENT                                                                |
| ⑰          | REMOVE EXT'G K-RAIL                                                                                           |

**QUANTITIES**

| DESCRIPTION                                               | TYPE   | QUANTITY |
|-----------------------------------------------------------|--------|----------|
| PCC CURB & GUTTER PER STANDARD DRAWING NO. 200, TYPE "1". | L.FT.  | 211      |
| SIDEWALK PER STANDARD DRAWING NO. 325                     | SQ.FT. | 850      |
| GRUBBING, CLEARING, AND REMOVAL                           | L.S.   | 1        |
| ASPHALT SAWCUT                                            | L.FT.  | 36       |
| NEW ASPHALT OVER CAB                                      | SQ.FT. | 7,195    |
| 16" RESEDINTIAL DRIVEWAY PER STANDARD DRAWING NO. 302     | EACH   | 5        |
| 6" AC BERM                                                | L.FT.  | 300      |

**LEGEND**

- INDICATES DRAINAGE FLOWLINE
- (99.99) INDICATES EXISTING GRADE ELEVATION
- INDICATES PAVEMENT
- INDICATES CENTERLINE
- SSMH INDICATES EXT'G SANITARY SEWER MANHOLE
- ST. LITE INDICATES EXT'G STREET LIGHT
- C.L. INDICATES CENTER LINE
- P.L. INDICATES PROPERTY LINE
- W.V. INDICATES WATER VALVE
- E.P. INDICATES EDGE OF PAVEMENT
- B.W. INDICATES BACK OF WALK
- T.C. INDICATES TOP OF CURB
- F.S. INDICATES FINISH SURFACE
- F.L. INDICATES FLOW LINE
- SS INDICATES SANITARY SEWER
- 43.79 E.S. INDICATES NEW GRADE ELEVATION
- 42.86 E.P. INDICATES EXT'G EDGE OF PAVEMENT ELEVATION
- 42.85 A.C. INDICATES EXT'G ASPHALT GRADE ELEVATION
- 42.86 F.G. INDICATES EXT'G FINISH GRADE ELEVATION
- FF H INDICATES EXT'G FIRE HYDRANT

**PRIVATE ENGINEER'S NOTE:**

ALL IDEAS, DESIGNS, PLANS, AND SPECIFICATIONS AND OTHER PROJECT DOCUMENTS, INCLUDING ALL DOCUMENTS ON ELECTRONIC MEDIA ARE THE PROPERTY OF RAMCAM AND MAY NOT BE REPRODUCED OR USED WITHOUT THE WRITTEN PERMISSION OF RAMCAM CORPORATION. -ALL RIGHTS RESERVED

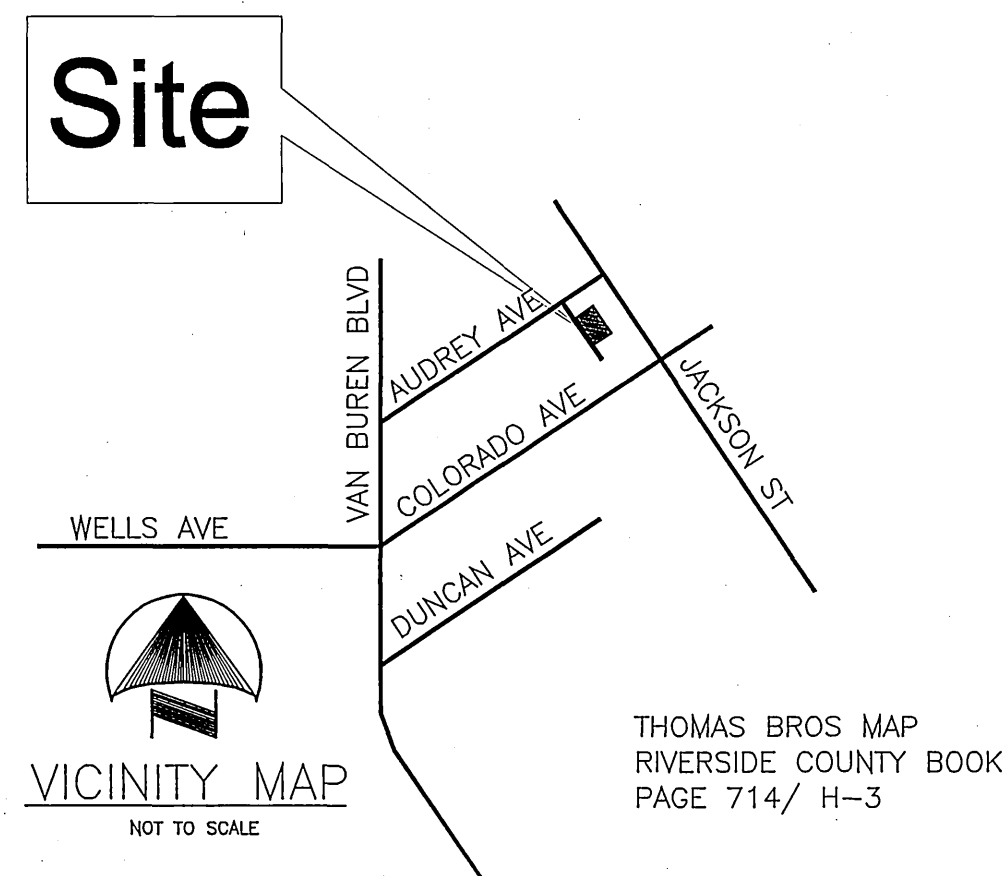
REPORT ANY DISCREPANCIES TO THE ENGINEER. WORK DONE IN CONFLICT WITH ALL DRAWINGS SHALL BE CORRECTED AT CONTRACTORS OWN EXPENSE.

**PRIVATE ENGINEER'S NOTE TO CONTRACTOR**

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN ON THESE PLANS ARE 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. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

CITY ACCEPTANCE OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST FROM THE CITY INSPECTOR, THE REQUIRED PLANS REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR REVIEW.



THOMAS BROS MAP  
RIVERSIDE COUNTY BOOK  
PAGE 714/ H-3



**BUSINESS LICENSE**

No. 105070 EXP. 6/12/04

**BENCHMARK:** G4-J3

PK NAIL AND CITY ENGR. TAG IN SLY CURB OF COLORADO AVE AT THE COR. OF THE SLY CURB RETURN OF JACKSON AND COLORADO.  
ELEV. = 749.59

**GENERAL NOTES**

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 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 PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL PREPARE AND COMPACT THE SUBGRADE TO ELEVATIONS WITHIN ±0.1' OF THE DESIGN ELEVATIONS AND SHALL BE RESPONSIBLE FOR THE CONDITION OF THE SUBGRADE UNTIL ACCEPTED BY THE CITY. THE DEVELOPER SHALL ALSO BE RESPONSIBLE FOR ANY BARRICADING DURING THIS TIME.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- CONSTRUCT DRIVEWAY APPROACHES PER STANDARD DRAWING 302. EXACT SIZE AND LOCATION TO BE STAKED BY THE PRIVATE ENGINEER PRIOR TO CONSTRUCTION OF THE CURB AND GUTTER.
- THE SUBDIVIDER SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE AND PRIOR TO CURB AND GUTTER CONSTRUCTION. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
- THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE STREET DIVISION (351-6127) TO PICK UP ANY EXISTING STD. 180 BARRICADES THAT ARE BEING REMOVED. THE CITY'S INSPECTOR WILL MAKE THE FINAL DETERMINATION ON WHETHER A BARRICADE CAN BE RELOCATED.
- 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 COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.

**GEOLOGIC HAZARD NOTE**

NO LAND IS SUBJECT TO LIQUEFACTION OR OTHER GEOLOGIC HAZARD, OR IS WITHIN A SPECIAL STUDIES ZONE.

**FEMA NOTE**

NONE OF THE SUBJECT PROPERTY IS LOCATED WITHIN A MAPPED FLOODPLAIN OR FLOODWAY.

**TOPO SOURCE**

ONSITE CONTOURS WERE DEVELOPED FROM A FIELD SURVEY PERFORMED BY CAL-SURVEY, INC., MARCH, 2003

\*AS-BUILT PER PLANS 1-9-06 LFT

PW03-0066

**UNDERGROUND SERVICE ALERT**  
CALL: TOLL FREE  
1-800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**CITY OF RIVERSIDE**  
WATER DEPARTMENT  
APPROVED BY: [Signature] DATE: 12/16/03

**CITY OF RIVERSIDE**  
PUBLIC UTILITIES DEPARTMENT  
OVERHEAD & UNDERGROUND  
APPROVED BY: [Signature] DATE: 12/17/03

**RAMCAM**  
ENGINEERING DESIGN  
CONSTRUCTION MANAGEMENT  
801 LA PAZ CL, CORONA, CA 92709-7719  
PHONE: 1-800-754-6330  
ramcomcorp@comcast.net  
APPROVED BY: [Signature] DATE: 12/16/03

| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
|      |           |       |      |
|      |           |       |      |

DESIGNED BY: AAJ      DRAWN BY: AAJ      CHECKED BY: JW

**CITY OF RIVERSIDE, CALIFORNIA**  
DEPARTMENT OF PUBLIC WORKS

|                  |     |         |               |
|------------------|-----|---------|---------------|
| APPROVED BY:     | BY: | DATE:   | APPROVED BY:  |
| PRINCIPAL ENGR.  | PH  | 1/15/04 | [Signature]   |
| PARK DEPARTMENT  |     |         |               |
| TRAFFIC DIVISION | J   | 1/14/04 | CITY ENGINEER |
|                  |     |         | DATE: 1/26/04 |

**STREET IMPROVEMENT PLANS**

**TRACT 31283**  
CHAMBER STREET  
TITLE SHEET

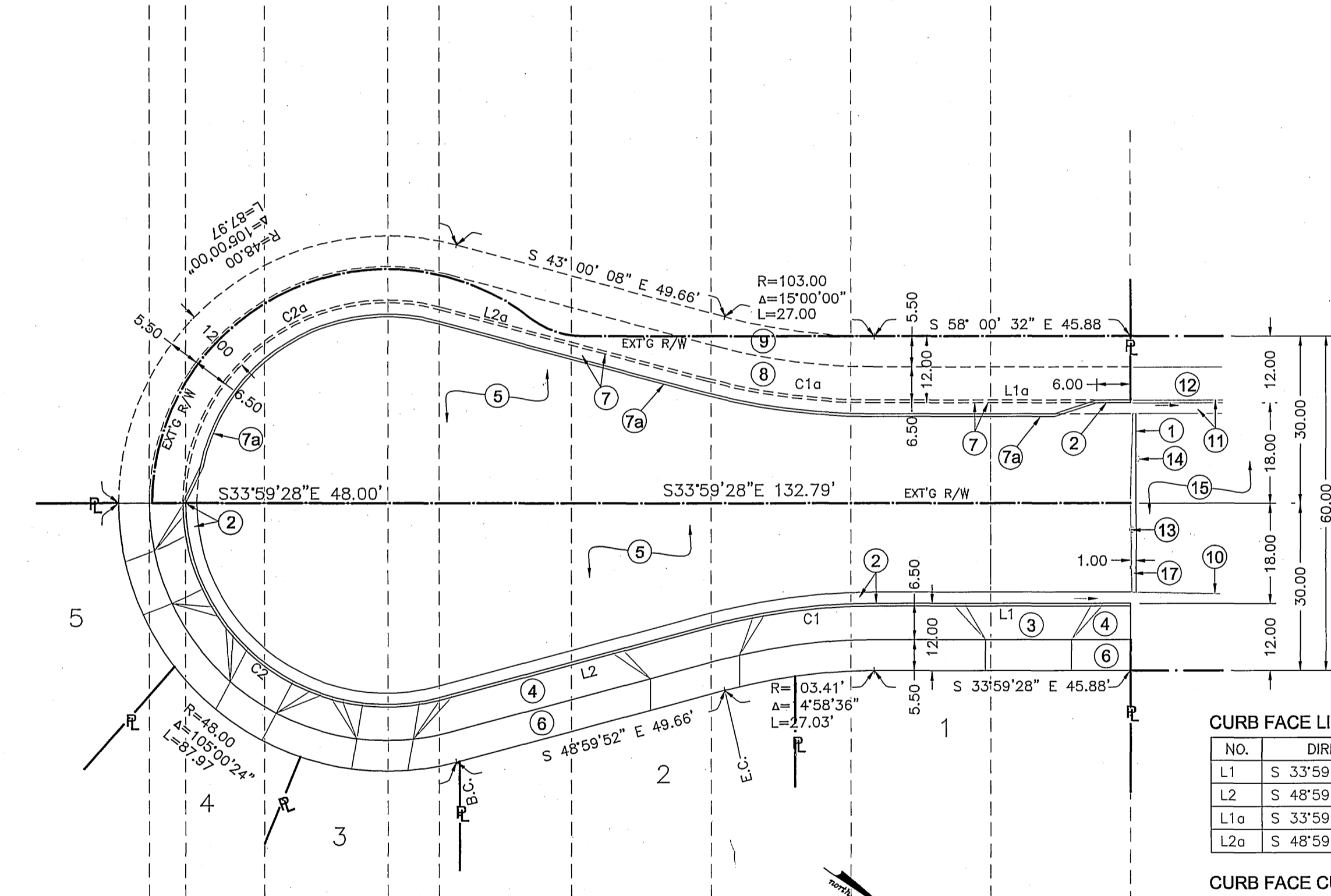
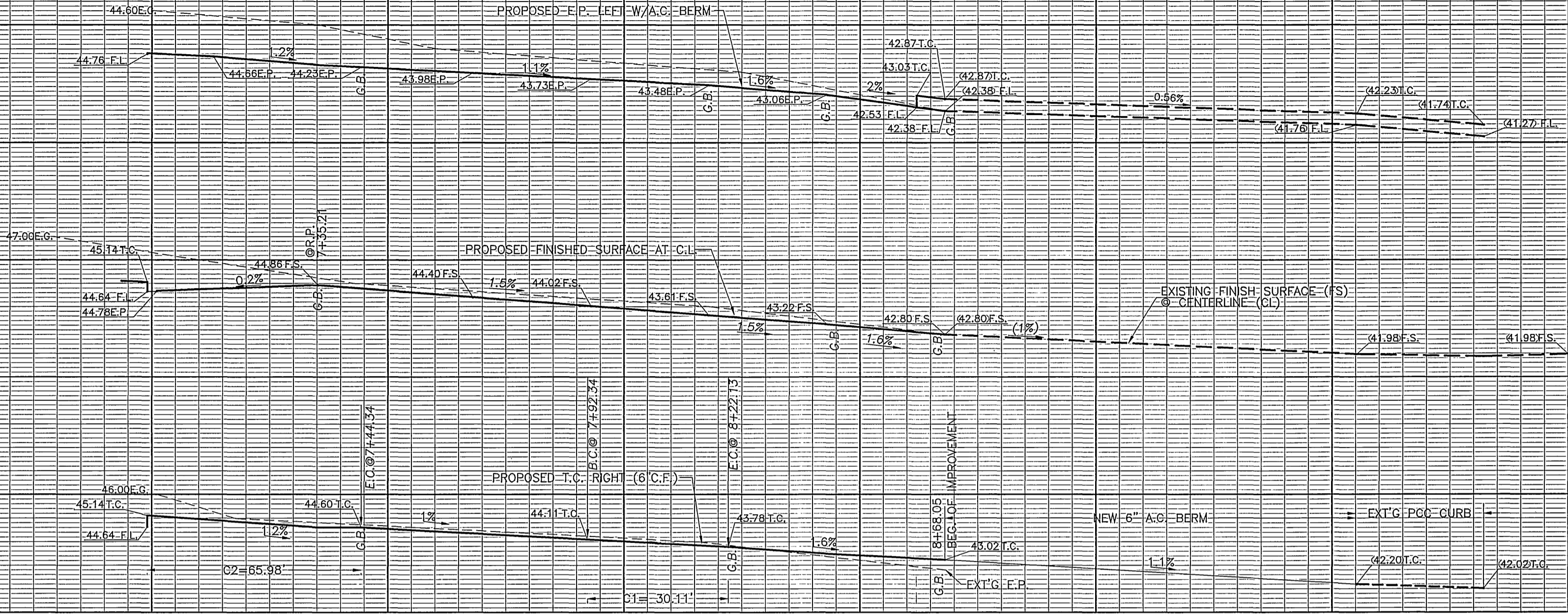
PROJ. CT NO.  
R-3729  
SHEET 1 OF 2  
FILE NO.

INDEXED 2-11-04 LFT



**PROFILE**  
 HORIZ. 1" = 20'  
 VERT. 1" = 4'

46 TC LT  
 41 TC LT  
 46 CL  
 41 CL  
 46 TC RT  
 41 TC RT

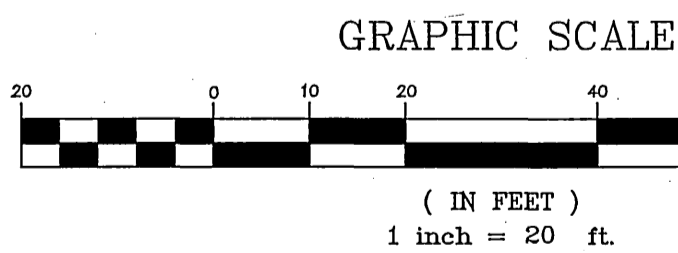


**CURB FACE LINE DATA**

| NO. | DIRECTION     | DISTANCE |
|-----|---------------|----------|
| L1  | S 33°59'28" E | 45.88'   |
| L2  | S 48°59'52" E | 49.67'   |
| L1a | S 33°59'28" E | 45.88'   |
| L2a | S 48°59'52" E | 49.67'   |

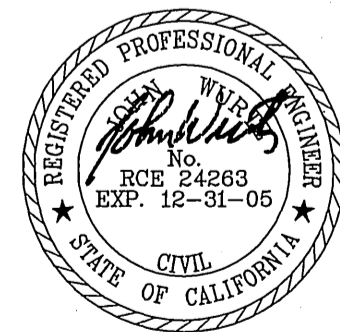
**CURB FACE CURVE DATA**

| NO. | TOTAL ANGLE | RADIUS  | LENGTH |
|-----|-------------|---------|--------|
| C1  | 14°58'36"   | 115.00' | 30.11' |
| C2  | 105°00'24"  | 36.00'  | 65.98' |
| C1a | 14°58'36"   | 115.00' | 30.11' |
| C2a | 105°00'24"  | 36.00'  | 65.98' |

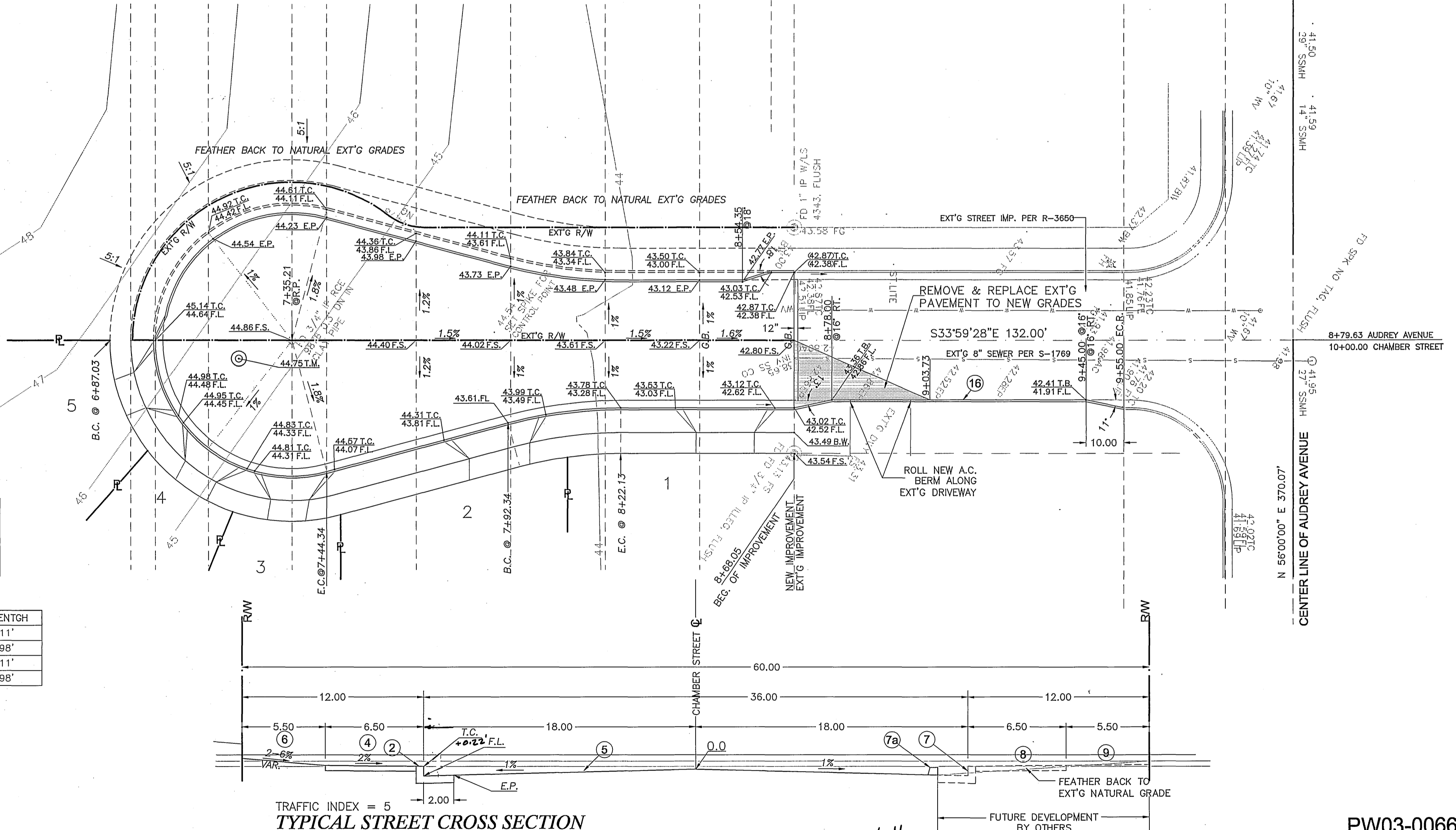


**BENCHMARK: G4-J3**

PK NAIL AND CITY ENGR. TAG IN SLY CURB OF COLORADO AVE AT THE BCR OF THE SLY CURB RETURN OF JACKSON AND COLORADO.  
 ELEV. = 749.59



BUSINESS TAX CERTIFICATE 105070. EXP. 6.12.04



TRAFFIC INDEX = 5  
**TYPICAL STREET CROSS SECTION**  
 AT STATION 8+43.00 \*AS-BUILT PER PLANS 1-9-06 C/H

PW03-0066

UNDERGROUND SERVICE ALERT  
 CALL: TOLL FREE

1-800  
 227-2600

TWO WORKING DAY BEFORE YOU DIG

CITY OF RIVERSIDE  
 WATER DEPARTMENT

APPROVED BY: [Signature]  
 DATE: 12/11/03

CITY OF RIVERSIDE  
 PUBLIC UTILITIES DEPARTMENT  
 OVERHEAD & UNDERGROUND

APPROVED BY: [Signature]  
 DATE: 12/17/03

**RAMCAM**  
 ENGINEERING DESIGN  
 CONSTRUCTION MANAGEMENT

801 LA PAZ CT, CORONA, CA 92679-7719  
 PHONE: 1-909-734-4330  
 ramcamcorp@attbi.com

APPROVED BY: [Signature]  
 DATE: 12/14/03  
 JOHN WURTZ, R.C.E. 24263 EXP. 12.31.05

| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
|      |           |       |      |

DESIGNED BY: AAI      DRAWN BY: AAI      CHECKED BY: JW

CITY OF RIVERSIDE, CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS

| APPROVED BY      | BY | DATE    | APPROVED BY   |
|------------------|----|---------|---------------|
| PRINCIPAL ENGR.  | PH | 1/15/04 | [Signature]   |
| PARK DEPARTMENT  |    |         |               |
| TRAFFIC DIVISION | Z  | 1/17/04 | CITY ENGINEER |
|                  |    |         | DATE: 1/26/04 |

STREET IMPROVEMENT PLANS

**TRACT 31283**  
 CHAMBER STREET  
 STREET PLAN AND PROFILE

PROJECT NO.

R-3729

SHEET 2 OF 2

FILE NO.

INDEXED 2-11-04 C/H