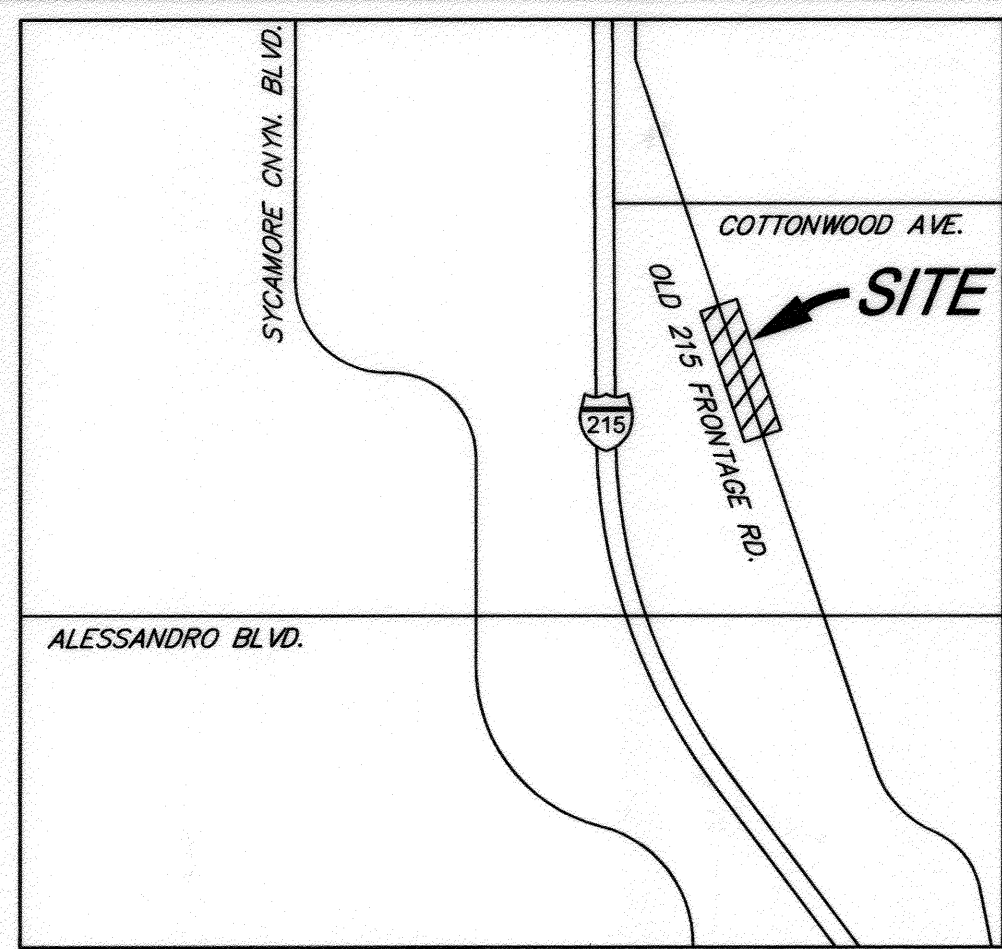
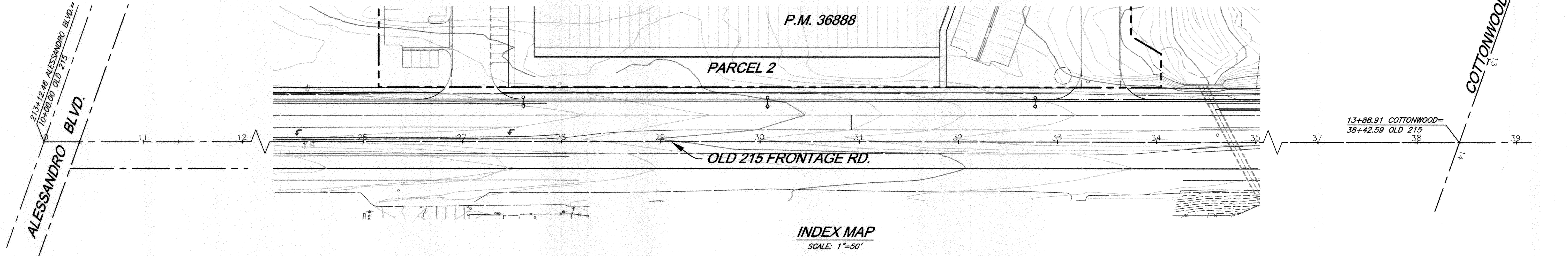


# OLD 215 STREET IMPROVEMENT PLAN

DECEMBER 2016



**VICINITY MAP**  
NOT TO SCALE  
THOMAS GUIDE PAGE: 716 GRID: J5



**INDEX MAP**  
SCALE: 1"=50'

**NOTICE TO CONTRACTOR:**

1. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY 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 THOSE 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. CALL UNDERGROUND SERVICE ALERT (U.S.A.) 1-800-227-2600 AT LEAST 48 HOURS PRIOR TO EXCAVATION.

**PUBLIC UTILITIES DEPARTMENT NOTICE**

CONTRACTOR TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND ALLOW CITY FIFTEEN (15) WORKING DAYS FOR COMPLETION OF WORK (951) 351-6368

**SHEET INDEX**

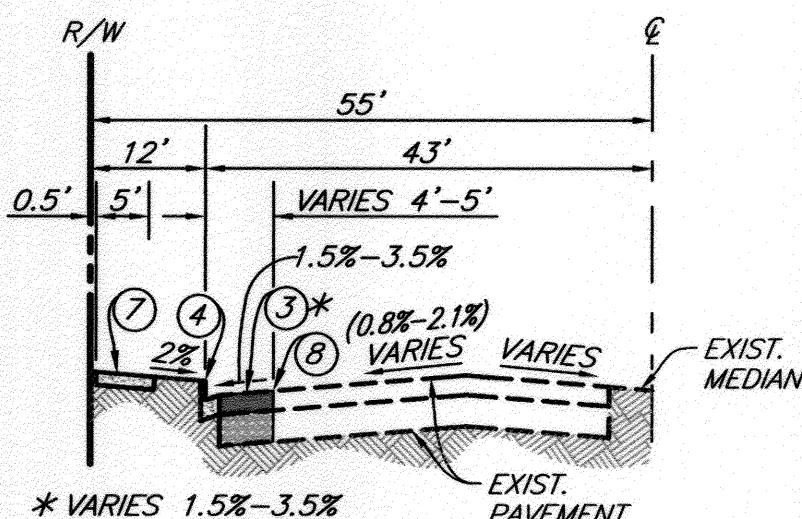
- SHEET 1 - TITLE SHEET
- SHEET 2 - OLD 215 STA. 10+00.00 - STA. 34+04.14

**LEGEND**

- P.I.P. - PROTECT IN PLACE
- T.B. - TOP OF BERM
- F.G. - FINISHED GRADE
- F.L. - FLOW LINE
- H.P. - HIGH POINT
- EXIST. - EXISTING
- L.P. - LOW POINT
- G.B. - GRADE BREAK
- B.V.C. - BEGINNING VERTICAL CURVE
- E.V.C. - END VERTICAL CURVE
- M.V.C. - MIDDLE VERTICAL CURVE
- P.I. - POINT OF INTERSECTION
- TRACT BOUNDARY
- CENTERLINE
- CURB AND GUTTER
- EXISTING CONTOUR LINE
- LOT LINE
- SLOPE

**CONSTRUCTION NOTES**

ITEM	QUANTITY
③ 4" AC OVER 6" CAB PER STD. 101 (OLD 215).....	12,800 S.F.
④ 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. 200 (TYPE 1).....	700 L.F.
⑤ DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. 302.....	2 EA.
⑥ PROPERTY LINE SIDEWALK PER CITY OF RIVERSIDE STD. 325.....	14,300 S.F.
⑦ SAWCUT AND REMOVE.....	2,403 S.F.
⑧ INSTALL RAISED TRUNCATED DOME PANEL PER CITY OF RIVERSIDE STD. 304 SHEET 3.....	4 EA.



**OLD 215 13+14.81 - 38+11.89**  
NOT TO SCALE

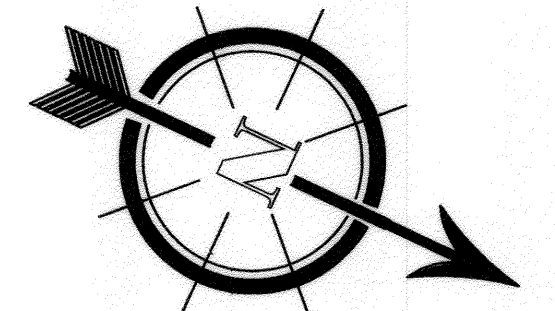
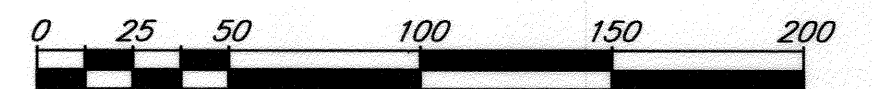
\* NOTE TO CONTRACTOR:  
REPAIR/REPLACE ALL STRIPING IN-KIND

**GENERAL NOTES**

1. 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.
2. 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.
3. 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.
4. 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.
5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
6. 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.
7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
8. WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE PAVEMENT SHALL BE TRIMMED IN A SMOOTH STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
9. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
10. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
13. SEE STREET LIGHTING PLANS FOR LOCATION AND QUANTITY OF REQUIRED STREET LIGHTS.
14. 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.
15. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.
16. 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.
17. 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.
18. IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.
19. 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.
20. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR OPENING THE STREETS TO TRAFFIC.

APPROVED BY	DATE
ENG. MGR.	01/11/17
CONST. ADMIN.	
TRAFFIC SURVEY	11/5/17
REVISIONS	11/16/17

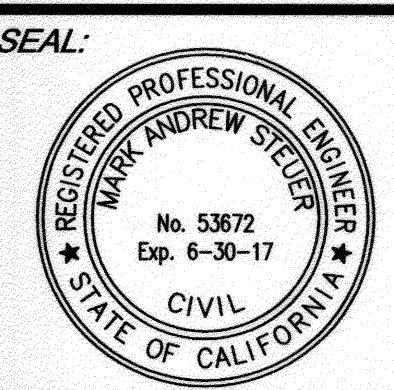
BUSINESS TAX CERTIFICATE NO. 107994 EXP. DATE 6-13-16



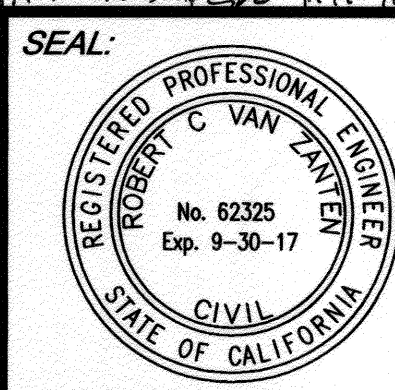
REVIEWED BY:  
WESTERN MUNICIPAL WATER DISTRICT  
FOR NON-INTERFERENCE COMPLIANCE  
SHEET 1 THROUGH 2  
DEREK E. KAWALI  
DIRECTOR OF ENGINEERING  
DATE: 12-14-2016

CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT  
ELECTRICAL  
APPROVED BY: [Signature]  
DATE: 12/13/16

MARK	DESCRIPTION	BY	APPR	DATE
DESIGNED BY:	S.S.	DRAWN BY:	D.A.S.	
CHECKED BY:	R.V.Z.	PROJECT MANAGER:	S.S.	



APPROVED BY: [Signature]  
DATE: 1-18-17  
R.C.E. NO.: 52672 EXP. DATE 6-30-17  
PREPARED BY: [Signature]  
DATE: 11/6/17  
ROBERT C. VAN ZANTEN  
R.C.E. NO.: 62325 EXP. 9-30-17



PREPARED BY:  
SCALE: 1"=50'  
DATE: DECEMBER 2016



SDH AND ASSOCIATES INC.  
5225 CANYON CREST DRIVE 71439  
RIVERSIDE, CALIFORNIA 92507  
TEL: (951) 683-3691 FAX (951) 788-2314  
BENCHMARK FB-H3  
P.K. NAIL AND CITY ENGINEER TAG IN THE  
CONCRETE BASE OF A STREET LIGHT POLE ALONG  
THE NORTHERLY CURB OF ALESSANDRO BLVD.  
ELEV. - 1624.840 (NAVD 88)

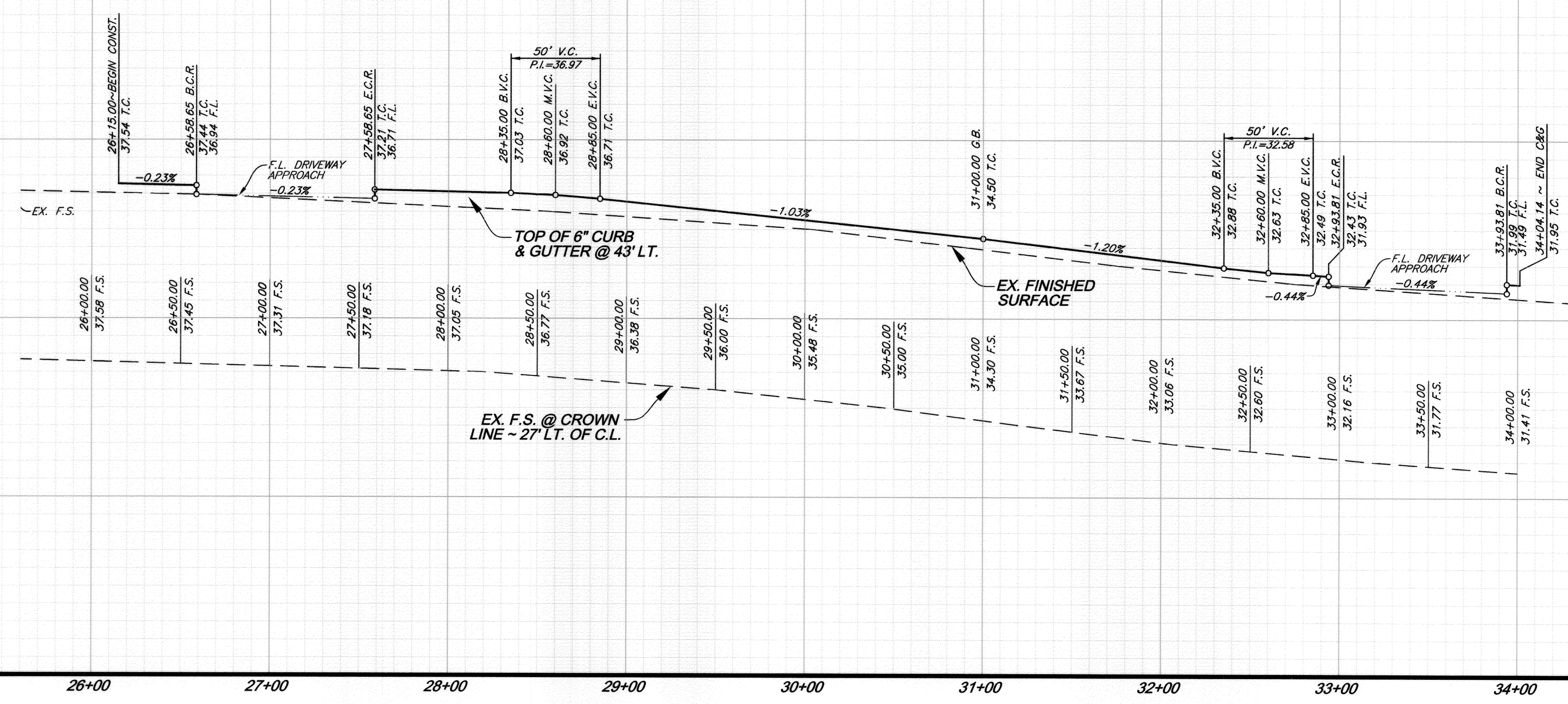
CITY OF RIVERSIDE  
**OLD 215 FRONTAGE RD.  
STREET IMPROVEMENT PLAN**  
R-4378

PW16-0189  
1 OF 2 SHEETS



**PROFILE SCALE**  
 HORIZ. 1" = 40 FT.  
 VERT. 1" = 4 FT.

1540 T.C. @ LT.  
 1535 T.C. @ LT.  
 1540 F.S.  
 1535 F.S.  
 1530 F.S.

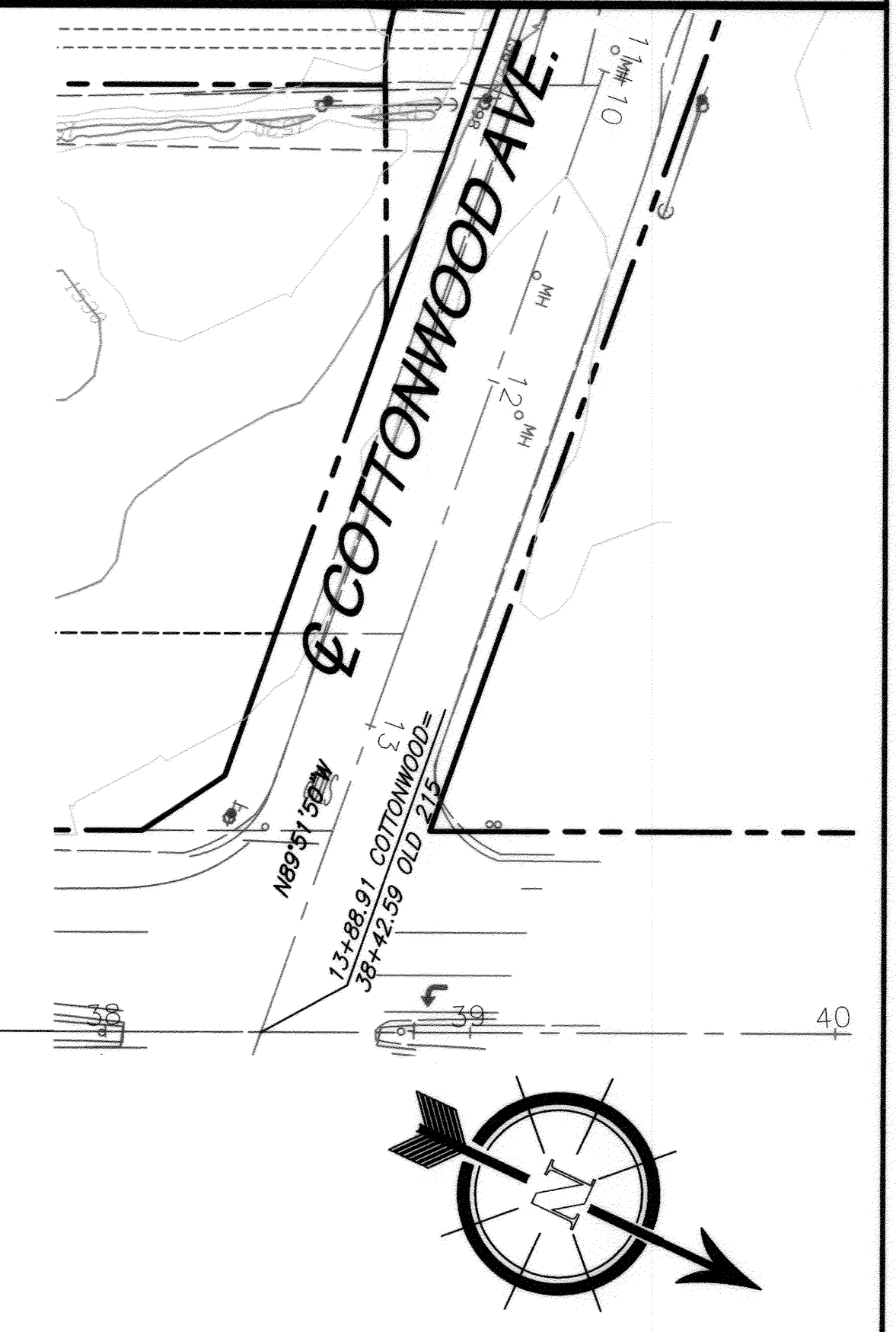
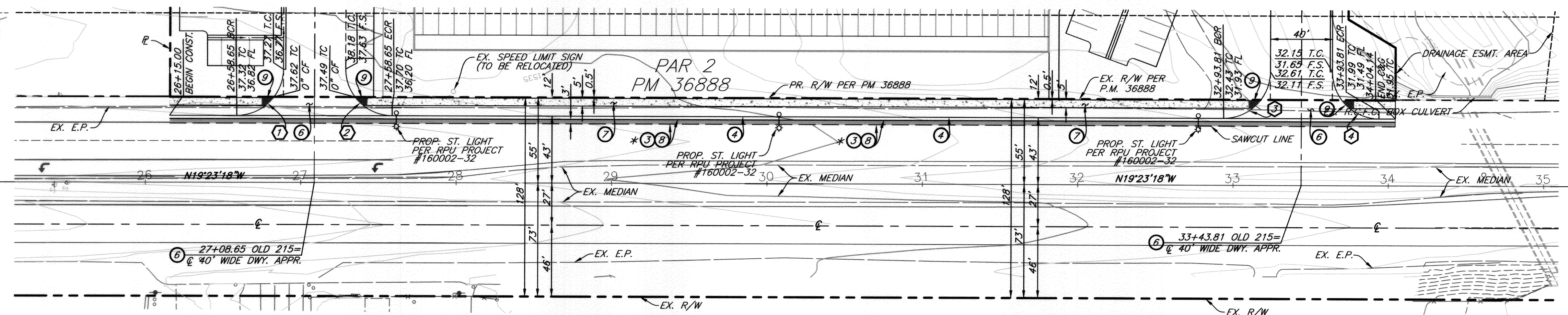
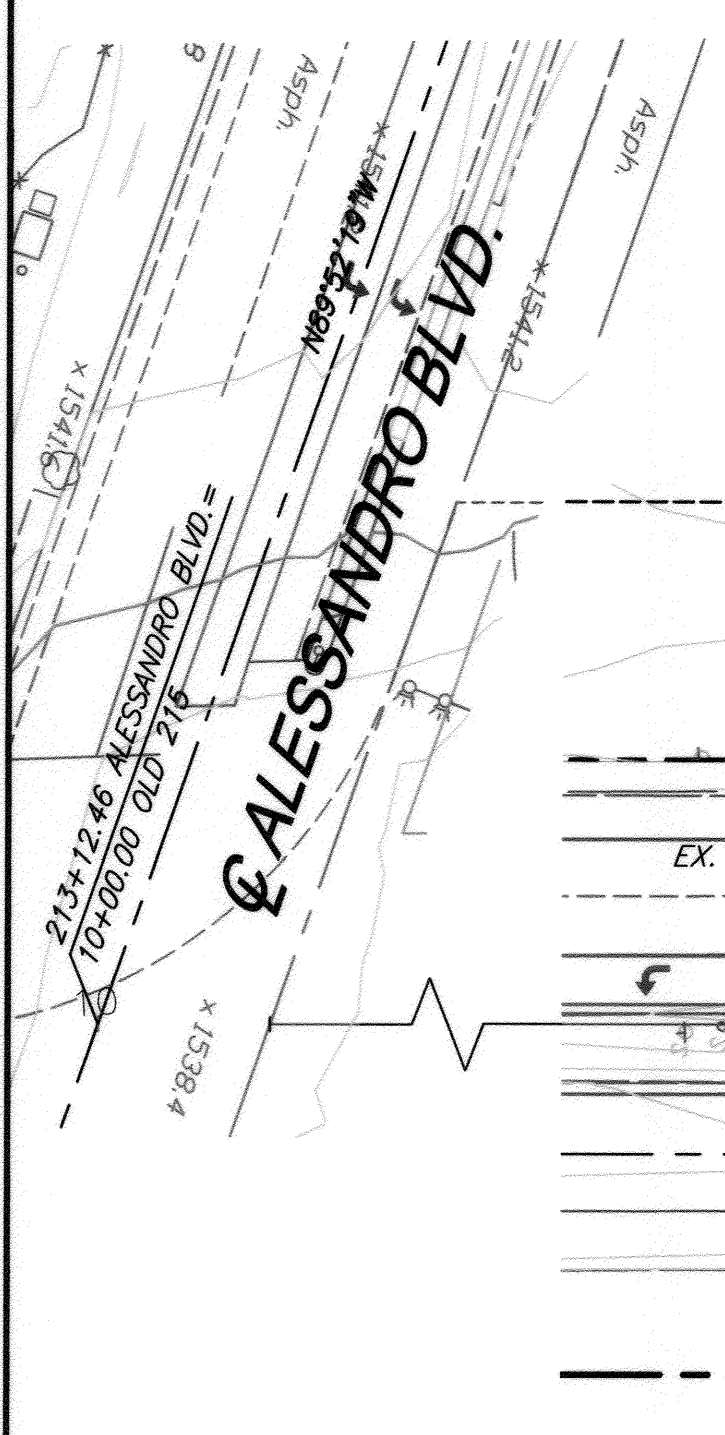


1540 T.C. @ LT.  
 1535 T.C. @ LT.  
 1540 F.S.  
 1535 F.S.  
 1530 F.S.

- CONSTRUCTION NOTES**
- ③ 4" AC OVER 6" CAB PER STD. 101 (OLD 215)
  - ④ 6" CURB AND GUTTER PER CITY OF RIVERSIDE STD. 200 (TYPE 1)
  - ⑤ DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. 302
  - ⑦ PROPERTY LINE SIDEWALK PER CITY OF RIVERSIDE STD. 325
  - ⑧ SAWCUT AND REMOVE
  - ⑨ INSTALL RAISED TRUNCATED DOME PANEL PER CITY OF RIVERSIDE STD. 304 SHEET 3

**CURVE DATA**

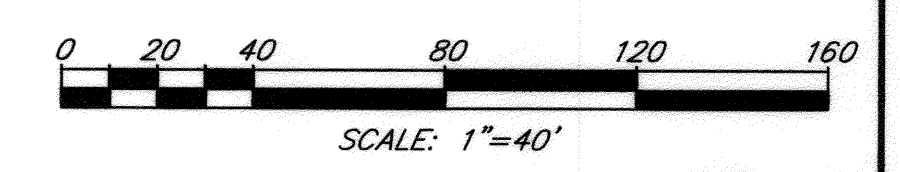
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2 53°07'48"	30.00'	27.82'	15.00'
3 53°07'48"	30.00'	54.96'	34.98'
4 53°07'48"	30.00'	54.99'	35.02'



**OLD 215 FRONTAGE RD.**

APPROVED	BY	DATE
ENG. MGR.	JA	01/11/17
CONST. ADMIN.		
TRAFFIC	W	11/17
BURVEY	CS	11/17
REGISTERED ENG.	CV	11/17

BUSINESS TAX CERTIFICATE NO. 107994 EXP. DATE 6-13-16



PUBLIC WORKS DIRECTOR/CITY ENGINEER  
 RPU - ELECTRIC

*Signature*  
 SIGNATURE

12/13/16  
 DATE

**REVISIONS**

MARK	DESCRIPTION	BY	APPR	DATE
DESIGNED BY: S.S.	DRAWN BY: D.A.S.			
CHECKED BY: R.V.Z.	PROJECT MANAGER: S.S.			

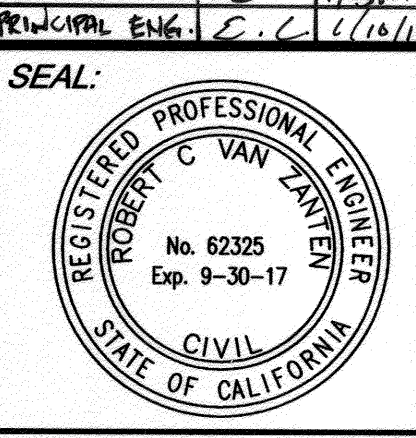
SEAL:

APPROVED BY: *Signature* DATE: 1-12-17

R.C.E. NO.: 53672 EXP. DATE: 6-30-17

PREPARED BY: *Signature* DATE: 1/13/17

ROBERT C. VAN ZANTEN  
 R.C.E. NO.: 62325 EXP. 9-30-17



PREPARED BY: SDH ASSOCIATES

SCALE: AS SHOWN

DATE: DECEMBER 2016

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 5225 CANYON CREST DRIVE 71439  
 Riverside, California 92507  
 TEL: (951) 683-3691 FAX: (951) 788-2314

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 ELEV. - 1624.840 (NAVD 88)

CITY OF RIVERSIDE

**STREET IMPROVEMENT PLAN**  
**OLD 215 FRONTAGE RD.**  
 FROM STA. 26+15.00 TO STA. 34+04.14  
 R-4378

2 OF 2 SHEETS