STREET IMPROVEMENT PLANS FOR:
CENTRAL AVENUE
PM 35165

STREET CONSTRUCTION GENERAL NOTES

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-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 REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
7. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE PROJECT.
8. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
9. WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, 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.
10. 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.
11. 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.
12. 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.
13. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY
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
15. 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.
16. 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
17. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING STREETS TO TRAFFIC.*
18. SEE STREET LIGHT PLAN FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
19. ON ALL AREAS WITH 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.

*THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF STREET LIGHTS AND UNDERGROUND ELECTRIC UTILITY FACILITIES. THE RELOCATION OF ANY UNDERGROUND POWER FACILITIES SHALL BE RELOCATED BY THE DEVELOPER AND THE CITY OF RIVERSIDE AT THE DEVELOPERS EXPENSE. THE RELOCATION OF ANY OVERHEAD POWER FACILITIES SHALL BE RELOCATED BY THE CITY OF RIVERSIDE AT THE DEVELOPERS EXPENSE. CONTACT RIVERSIDE PUBLIC UTILITIES APPROX. 90 DAYS PRIOR TO CONSTRUCTION FOR APPROVED STREET LIGHT PLANS AND/OR RELOCATION PLANS.

CONTACT: STEVE JOHAL
PHONE: 951-826-5830
3901 ORANGE ST.
RIVERSIDE CA 92501

CONSTRUCTION NOTES AND QUANTITY ESTIMATE

THE QUANTITIES SHOWN BELOW ARE FOR BONDING INFORMATION ONLY. THE CONTRACTOR IS TO CONSTRUCT PROJECT PER THESE PLANS AND SUBMIT CONSTRUCTION BID BASED ON THEIR OWN QUANTITY "TAKE-OFF".

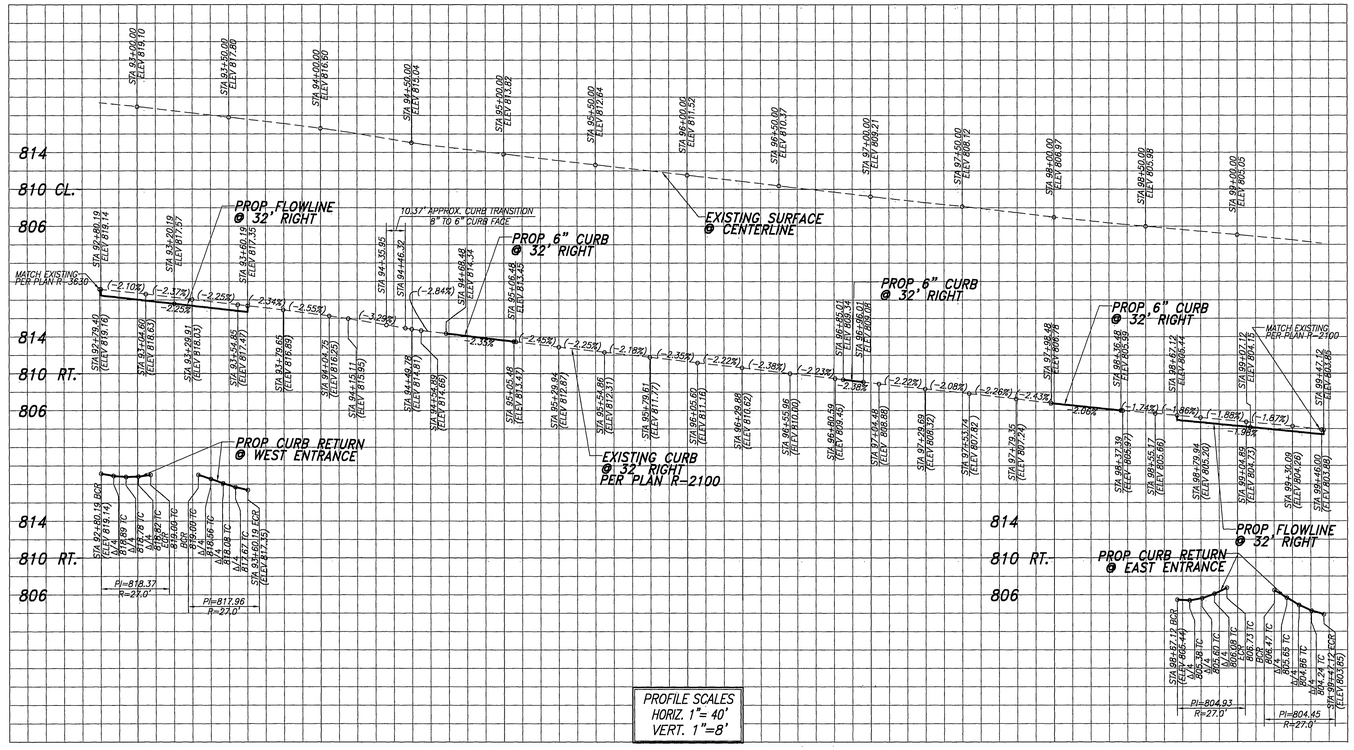
1	PLACE ___ A.C. OVER ___ C.A.B. PER SOILS REPORT NO. _____ R= _____	651	SF
2	CONSTRUCT 6" CURB & GUTTER PER CITY OF RIVERSIDE STD. DWG NO. 200 (TYPE I)	188	LF
3	PROTECT EXISTING CURB IN PLACE	426	LF
4	CONSTRUCT CURB SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325	2,943	SF
5	CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220 -10' WIDE	1,393	SF
6	CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG 304 (TYPE III)	3	EA
7	SAW CUT, JOIN EXISTING PAVING PER DETAIL HEREON.	259	LF
8	REMOVE EXISTING CURB AND GUTTER	239	LF
9	CONSTRUCT 1-4" CURB DRAIN PER APWA STANDARD 150-2	1	EA
10	CONSTRUCT 2-4" CURB DRAIN PER APWA STANDARD 150-2	1	EA
11	CONSTRUCT CLEAN-OUT BOX PER CITY STD. 425	2	EA
12	INSTALL 12" R.C.P. PER PROFILE, D-LOAD PER PLAN	101	LF
13	CONSTRUCT PARKWAY DRAIN PER APWA STANDARD 151-1 * MODIFY STRUCTURE TO BE CONSTRUCTED AT A 45° ANGLE RELATIVE TO THE DIRECTION OF FLOW AT THE CURB AND GUTTER	1	EA
14	CONSTRUCT 8" CURB PER CITY STD, NO. 200 TYPE II	33	LF

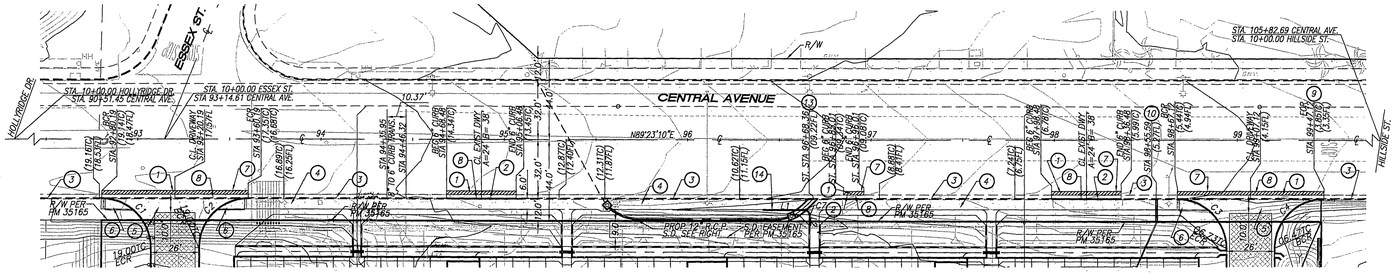
WATER DEPARTMENT NOTE:

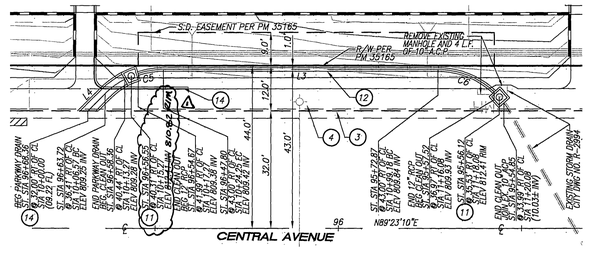
1. DEVELOPER TO GIVE THE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW THE CITY TEN (10) WORKING DAYS FOR THE COMPLETION OF THE WORK.

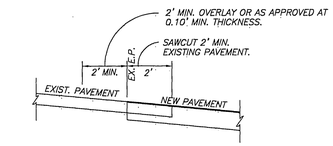
LEGEND

BLDG.	BUILDING	GB	GRADE BREAK	TC	TOP OF CURB
CB	CATCH BASIN	H.C.	HANDICAPPED	TEL.	TELEPHONE
CHLK	CHAIN LINK FENCE	HP	HIGH POINT	TG	TOP OF GRATE
C&G	CURB AND GUTTER	INV.	INVERT OF PIPE	TF	TOP OF FOOTING
C.L.	CENTERLINE	LP	LOW POINT	TW	TOP OF WALL
CONC.	CONCRETE	MH	MAN HOLE	W	WATER
D/W	DRIVEWAY	P.P.	POWER POLE	S.R.	SOILS REPORT
EP	EDGE OF PAVEMENT	R.D.	ROOF DRAIN		
EXIST.	EXISTING	R/W	RIGHT-OF-WAY		
FF	FINISHED FLOOR	SWR	SEWER		
FH	FIRE HYDRANT	S/W	SIDEWALK		
FL	FLOW LINE	SD	STORM DRAIN		
FS	FINISHED SURFACE	STD.	STANDARD		
C/RIV.	CITY OF RIVERSIDE	MWD	METROPOLITAN WATER DISTRICT		



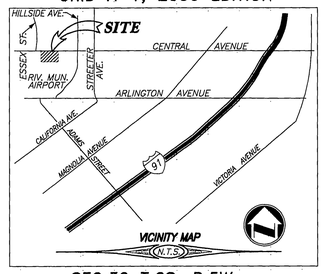




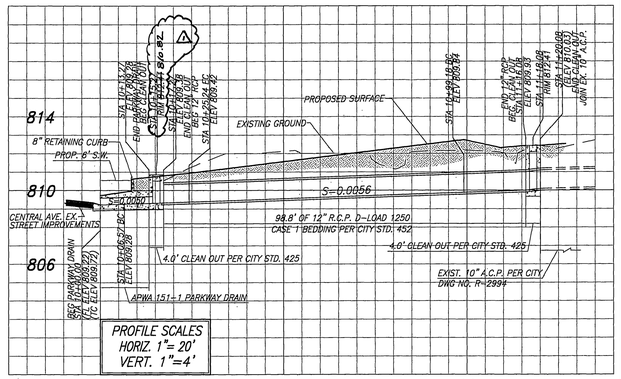


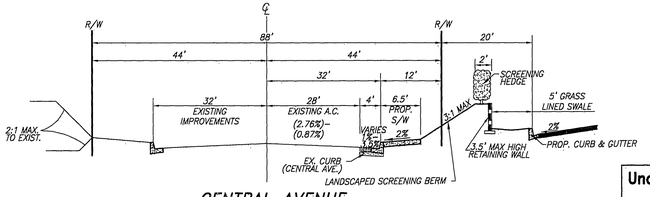
JOIN DETAIL
N.T.S.

THOMAS BROS. GUIDE PAGE 745, GRID A-1, 2006 EDITION



SEC.32 T.2S. R.5W





CENTRAL AVENUE
TYPICAL STREET SECTION - T.I.=6.0
N.T.S.

REGISTERED PROFESSIONAL ENGINEER
CHARISSA J.A. LEACH
NO. 53390
EXP. 6-30-09
CIVIL
STATE OF CALIFORNIA

CENTRAL AVENUE
0 20 40 80 120 160
SCALE: 1" = 40'

LINE TABLE		
LINE	LENGTH	BEARING
L1	22.67	N89°21'32"E
L2	5.76	S00°38'28"E
L3	74.93	N89°23'10"E
L4	6.56	S44°21'32"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	42.16	27.00	26.75	89°27'45"
C2	42.40	27.00	26.99	89°58'22"
C3	42.42	27.00	27.01	90°01'38"
C4	42.40	27.00	26.99	89°58'22"
C5	17.68	22.50	9.33	45°01'38"
C6	16.90	22.50	8.87	43°02'05"
C7	4.71	3.00	3.00	90°00'00"

12" STORM DRAIN
0 10 20 40 60 80
SCALE: 1" = 20'

Underground Service Alert
Call: TOLL FREE
1-800 227-2600
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE BUSINESS TAX ACCT.#058833 EXP.1/1/08

PLANS PREPARED BY:
adkan ENGINEERS
Civil Engineering · Surveying · Planning
6820 Airport Drive, Riverside, CA 92504
Tel:(951) 688-4021 Fax:(951) 688-0599
Under the Supervision of: Charissa Leach, R.C.E. 53390 Exp. 06.30.09 Date: 10/19/07

BENCHMARK: H3-G3
CITY OF RIVERSIDE
CHISLED SQUARE IN THE TOP OF CURB AT THE B.C.R. OF THE N.W. CORNER OF ACORN STREET AND CENTRAL AVENUE.
ELEVATION: 747.059

MARK	REVISIONS	APPR.	DATE
1	REVISED RIM ELEVATION	RJZ	6/25/08

DESIGNED BY: MITCH DRAWN BY: MITCH CHECKED BY: C-

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	APPROVED BY	DATE
PRINCIPAL ENGINEER		10/19/07
TRAFFIC DIVISION		10.22.07
CITY ENGINEER		10/22/07

CITY OF RIVERSIDE WATER DEPT.
APPROVED BY _____ DATE 10/19/07

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-ELECTRICAL OVERHEAD & UNDERGROUND
APPROVED BY _____ DATE 10.19.07

WDID# 8 33C349116

STREET IMPROVEMENT PLAN
CENTRAL AVENUE
PM 35165
CENTRAL AVENUE BETWEEN ESSEX ST. AND HILLSIDE AVE.
STA 92+80.26 - 99+46.05
APN. 190-210-009

PW07-0696
ACCOUNT NO.
R-4050
SHEET 1 OF 1
HORIZ. SCALE: AS SHOWN VERT. SCALE: AS SHOWN
J.N. 7049

RJZ
INDEXED 9-09-08

Plot Date: 10/18/07
File Name: U:\Projects\Shop Pros\7049\Engineering\Street Imp\7049ST01.dwg