RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

CENTRAL AVENUE WIDENING

SHANNON ROAD TO STREETER AVENUE

CONSTRUCTION LEGEND

CENTER LINE — ℄ —
RIGHT-OF-WAY — R/W —
SUBDIVISION LOT LINE — PL —
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

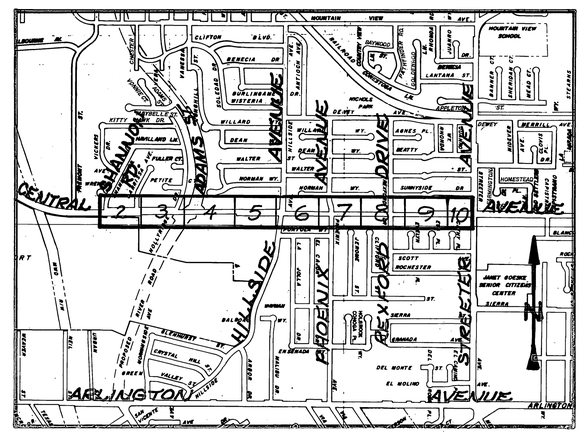
- ADJ — ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS & TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
- E — TO BE REMOVED OR RELOCATED BY P.U.E.DIVISION.
- P — PLANT 24" BOXED FERN PINE TREE.
- R&P — REMOVE EXISTING TREE & PLANT 24" BOXED FERN PINE TREE.
- SL — INSTALL OR RELOCATE STREET LIGHT STANDARD PER DRAWING L5-1054.
- T — TO BE RELOCATED OR ADJUSTED TO GRADE BY PACIFIC TELEPHONE CO.
- TDL 3 — TRAFFIC DETECTOR LOOP INSTALLATIONS; NUMBER OF DETECTOR LOOPS
- W — TO BE RELOCATED BY P.U.W.DIVISION.
- R I — REMOVE CLASS I TREE (CLASS I IS 6" TO 18"DIA. & CLASS II IS 18" TO 36"DIA.)
- C S1 — CONSTRUCT STRUCTURAL SECTION OF 0.25' DGAC (DENSE GRADED ASPHALT CONCRETE) OVER 1.08' CRUSHED AGGREGATE BASE.
- C S2 — CONSTRUCT STRUCTURAL SECTION OF 0.25' DGAC OVER 0.75' CAB.
- OL VAR — VARIABLE THICKNESS DGAC OVERLAY (0.03' TO 0.25') OVER EXISTING AC.
- 33 PCC — REMOVE AND RECONSTRUCT EX. D/W WITH 0.33' PCC OVER NATIVE SOIL.
- 25 AC — REMOVE AND RECONSTRUCT EX. AC WITH 0.25' AC OVER NATIVE SOIL.
- SLY — ASPHALT SLURRY SEAL OVER EXIST. AC.(APPLICATION PER STD. SPEC'S.)

SPECIFIC CONSTRUCTION NOTES

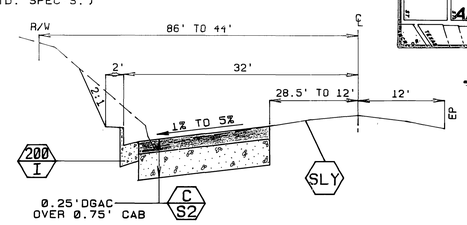
- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- A 11 — STORM DRAIN LATERAL DESIGNATION AND SHEET NUMBER WHERE LATERAL DETAIL MAY BE FOUND.

GENERAL CONSTRUCTION NOTES

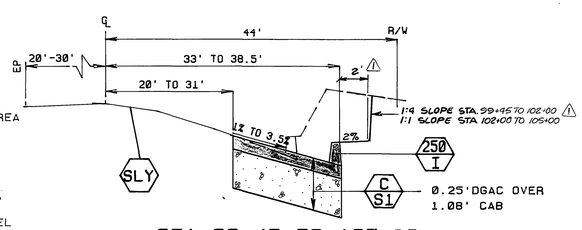
1. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN INTHE PROFILE. UTILITIES IN THE PROFILE AS ---⊗--⊗-- INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
2. ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
3. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS A LICENSE.
4. CONFLICTING UTILITIES SHOWN WITHIN THE CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. RIGHTS OF ENTRY HAVE BEEN OBTAINED FOR WORK SHOWN OUTSIDE OF CITY RIGHT-OF-WAY.
6. CURB & GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 12.5' INTERVALS AND TWO ROWS OF #3 REBAR SHALL BE PLACED IN GUTTER WHERE GRADE IS LESS THAN 0.35%. PLACE 3/4" DOWEL PINS AT ALL EXPANSION JOINTS.
7. CONTRACTOR SHALL GIVE R.C.F.C.D. 5 DAYS WRITTEN NOTICE PRIOR TO STARTING WORK ON 60"STORM DRAIN. R.C.F.C.D. ENCROACHMENT PERMIT NO.
8. UTILITIES SHOWN IN CONFLICT WITH PROPOSED STORM DRAIN FACILITIES WILL BE RELOCATED PRIOR TO CONSTRUCTION.
9. TRAFFIC SIGNS REMOVED DURING CONSTRUCTION SHALL BE TEMPORARILY AND/OR PERMANENTLY RELOCATED OR SALVAGED BY THE CONTRACTOR PER THE DIRECTION OF THE ENGINEER OR AS SHOWN ON THE PLANS.
10. WATER METERS, FIRE HYDRANTS AND BLOW-OFF VALVES SHALL BE RELOCATED BY CITY FORCES TO BEHIND CURB. CONTRACTOR SHALL ADJUST METER BOXES AND VALVE COVERS TO PROPER GRADE AS REQUIRED.
11. THESE PLANS ACCURATE FOR STREET IMPROVEMENT CONSTRUCTION ONLY. FOR SIGNAL CONSTRUCTION SEE: X-495(SHANNON), X-346(HILLSIDE), X-347(PHOENIX), X-404(STREETER) & XL-235 FOR STRIPING.



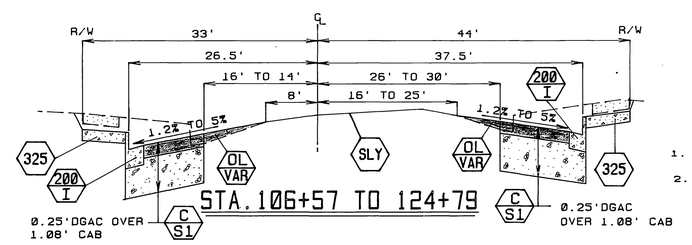
PROJECT LOCATION MAP
SCALE: 1" = 1000'



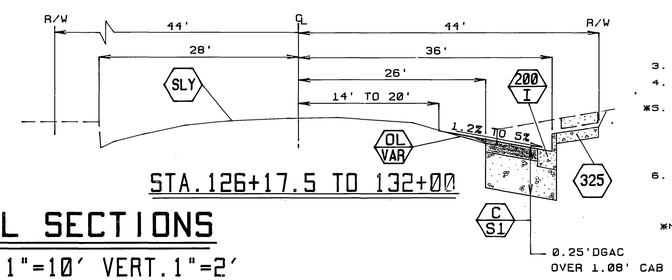
STA.82+82.5 TO 91+00



STA.99+45 TO 105+00



STA.106+57 TO 124+79



STA.126+17.5 TO 132+00

TYPICAL SECTIONS

SCALE: HOR. 1"=10' VERT. 1"=2'

T.I.= 8

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER — 8"S —
WATER LINE — 6"W —
STORM DRAIN — 24"S.D. —
GAS LINE — 3"G —
IRRIGATION LINE — 20" IRR. —
ABANDONED UTILITY — 6"G(ABAN'D.) —
TELEPHONE CONDUIT — T —
ELECTRICAL CONDUIT — E —
ELECTROLIER LIGHTING CONDUIT — ELC —
TRAFFIC SIGNAL — SIG —
FIRE ALARM — F —

EXISTING TOPOGRAPHY:

BLOCK WALL
BOARD FENCE
WIRE FENCE
CHAIN LINK FENCE
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

SANITARY SEWER M.H.
SANITARY SEWER CLEANOUT
STORM DRAIN M.H.
IRRIGATION WEIR
WATER M.H.
GAS M.H.
ELECTRIC M.H.
TELEPHONE M.H. OR VAULT
WATER METER
FIRE HYDRANT
SPRINKLER HEAD
VALVE
AIR VALVE
AIR VENT
POLE & GUY ANCHOR
ELECTRIC POLE
TELEPHONE POLE
JOINT USE POLE
PULL BOX
TRAFFIC SIGN
PARKING METER
FIRE ALARM BOX
STREET NAME SIGN
GAS METER
MAIL BOX
FAUCET
TELEPHONE RISER
WHEEL STOP
A.C. BERM
STEEL POST
WOOD POST
PEDESTRIAN PUSH BUTTON
RAILROAD TRACKS
RAILROAD SIGN
RAILROAD SIGNAL
STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
STREET LIGHT (UPRIGHT)
STREET LIGHT
TRAFFIC SIGNAL
TRAFFIC SIGNAL ON MAST ARM
TRAFFIC SIGNAL CONTROLLER
TRAFFIC SIGNAL PRESSURE DETECTOR
TRAFFIC SIGNAL LOOP DETECTOR
CONCRETE
ASPHALT
EP (asphalt) (dirt) EP — EDGE OF PAVEMENT
BUILDING
UNDERGROUND STRUCTURE
OVERHANGING STRUCTURE
CITRUS TREE
DECIDUOUS TREE
PALM TREE
SHRUBBERY
TREE STUMP
EVERGREEN TREE

PARKS DEPARTMENT GENERAL NOTES

1. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE PARK AND RECREATION DEPARTMENT STANDARDS.
2. CONTACT THE STREET TREE INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT (714)351-6126 TO SCHEDULE INSPECTION. INSPECTIONS SHALL BE REQUIRED:
   - A. WHEN PLANT LOCATIONS HAVE BEEN SPOTTED IN THE FIELD PRIOR TO DIGGING PLANT PITS.
   - B. WHILE DIGGING PLANT PITS AND PLANTING\RELOCATING TREES.
   - C. AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED FOR START OF MAINTENANCE.
   - D. AT END OF MAINTENANCE/FINAL 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.
3. STREET TREES SHALL BE PLANTED PRIOR TO OCCUPANCY.
4. THE CONTRACTOR/DEVELOPER SHALL MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF 90 DAYS.

*5. STREET TREE PLANTING SHALL BE AS FOLLOWS:

BOTANICAL NAME	COMMON NAME	
PODACARPUS GRACILLIOR	FERN PINE TREE	PLAN 24" BOXED FERN PINE TREE AS SHOWN ON PLAN TO THE SPECIFICATIONS OF THE PARK AND RECREATION DEPT.

6. PARK AND RECREATION DEPARTMENT AND PUBLIC WORKS DEPARTMENT PERMITS ARE 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 COMPACTION.

*NOTE: IN THE INTEREST OF PUBLIC SAFETY AND MAINTENANCE, THE STREET TREE INSPECTOR SHALL HAVE THE AUTHORITY TO REVISE STREET TREE NUMBERS AND LOCATIONS AS SHOWN ON APPROVED PLANS.

IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call Underground Service Alert TOLL FREE 1-800-422-4133 Two working days before you dig.

ENGINEER IN RESPONSIBLE CHARGE
Ronald C. Mueller
RONALD C. MUELLER
R.C.E. 29510 expires 3/31/91
DATE 4/11/90

REGISTERED PROFESSIONAL ENGINEER — RONALD C. MUELLER — NO. 29510 — Expires 3/31/91 — CIVIL — STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE
1	REVISED TYP SECTION FOR STA. 99+45 TO 105+00	RPM	4/12/90

DESIGNED BY JR, SVZ DRAWN BY RJM, TP CHECKED BY RPM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		4/11/90
DEPUTY P.W. DIRECTOR	RMC	4/11/90
TRAFFIC DIVISION		4/11/90
CHIEF P.W. INSPECTOR	REC	4/19/90
SURVEYOR	RPM	4/10/90

APPROVED BY: Barry Bed
PUBLIC WORKS DIRECTOR
DATE 4/22/90

CENTRAL AVENUE WIDENING
SHANNON TO STREETER

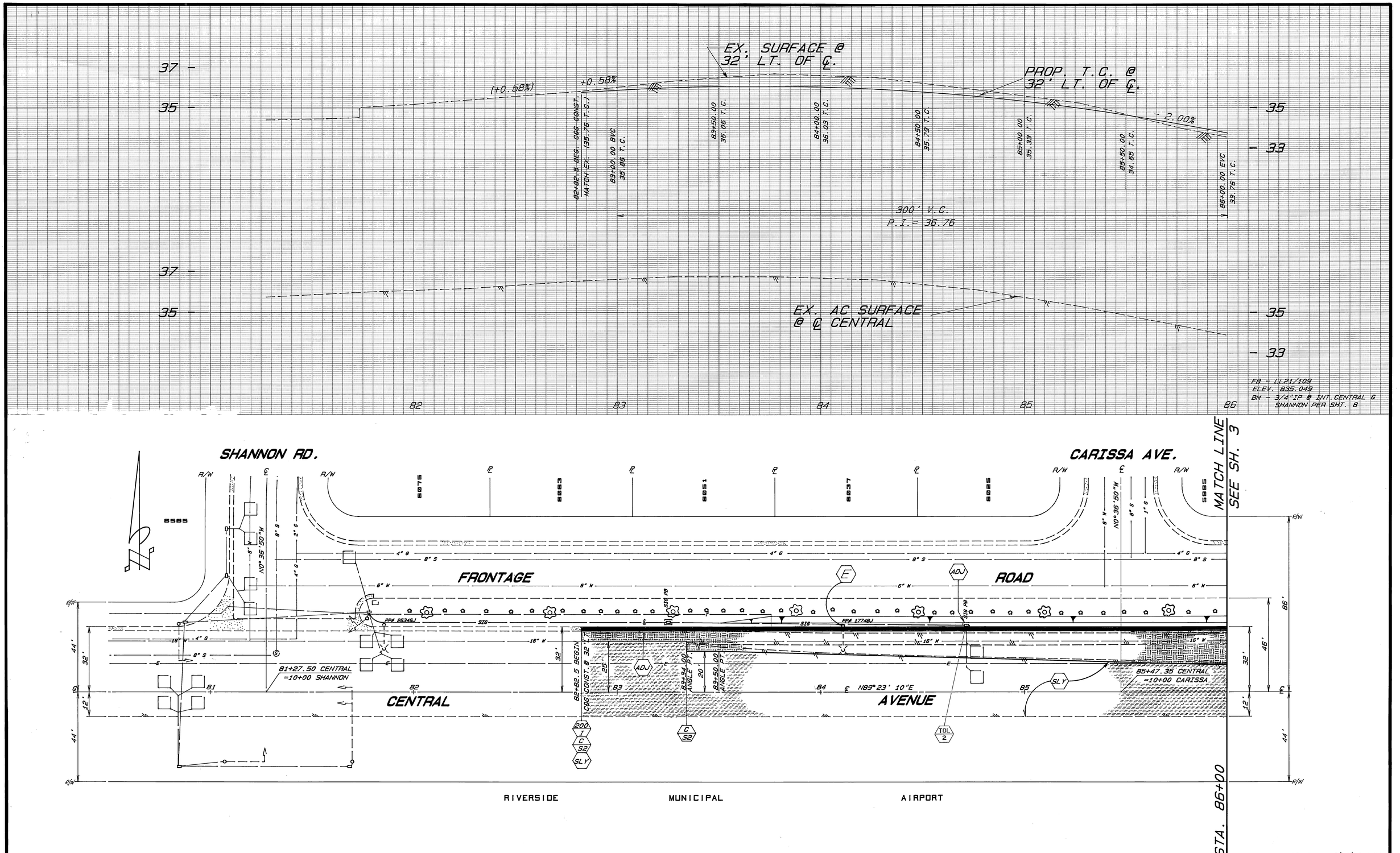
DESIGNED BY SVZ DRAWN BY RJM, TP CHECKED BY RPM

AS BUILT 2/22/93 RJM

ACCOUNT No. 30-575-256-07
DRAWING NUMBER R-2994
SHEET 1 OF 11

INDEXED 5-3-91 gll

11-7 11-3



AS BUILT 2/22/93 RJM

ACCOUNT NO. 30-575-256-07

MARK	REVISIONS	APPR.	DATE

DESIGNED BY RVZ DRAWN BY RVZ/TP CHECKED BY RCM

REGISTERED PROFESSIONAL ENGINEER RONALD C. MUELLER NO. 29510 Expires: 3/31/91 CIVIL STATE OF CALIFORNIA

Ronald C. Mueller

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	4/11/90	[illegible]
CHIEF P.W. ENGINEER	4/17/90	RMcG
CHIEF P.W. INSPECTOR	4/19/90	[illegible]
SURVEYOR	4/10/90	[illegible]
TRAFFIC DIVISION	4/11/90	[illegible]
PARK DEPARTMENT	4/12/90	[illegible]

APPROVED BY Barry Beck
PUBLIC WORKS DIRECTOR
DATE 4/22/90

CENTRAL AVENUE WIDENING
SHANNON TO HILLSIDE

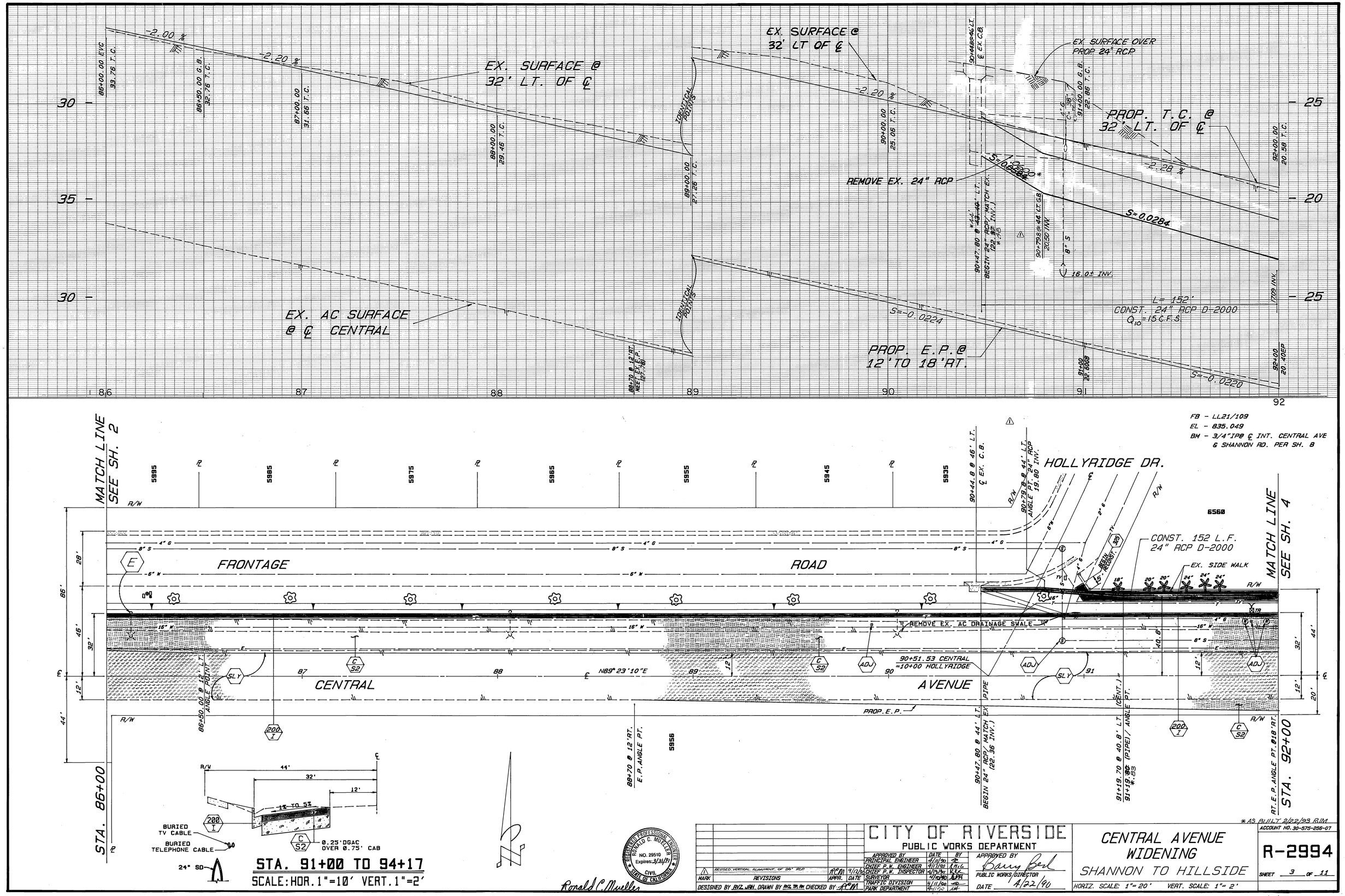
HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= 2'

R-2994

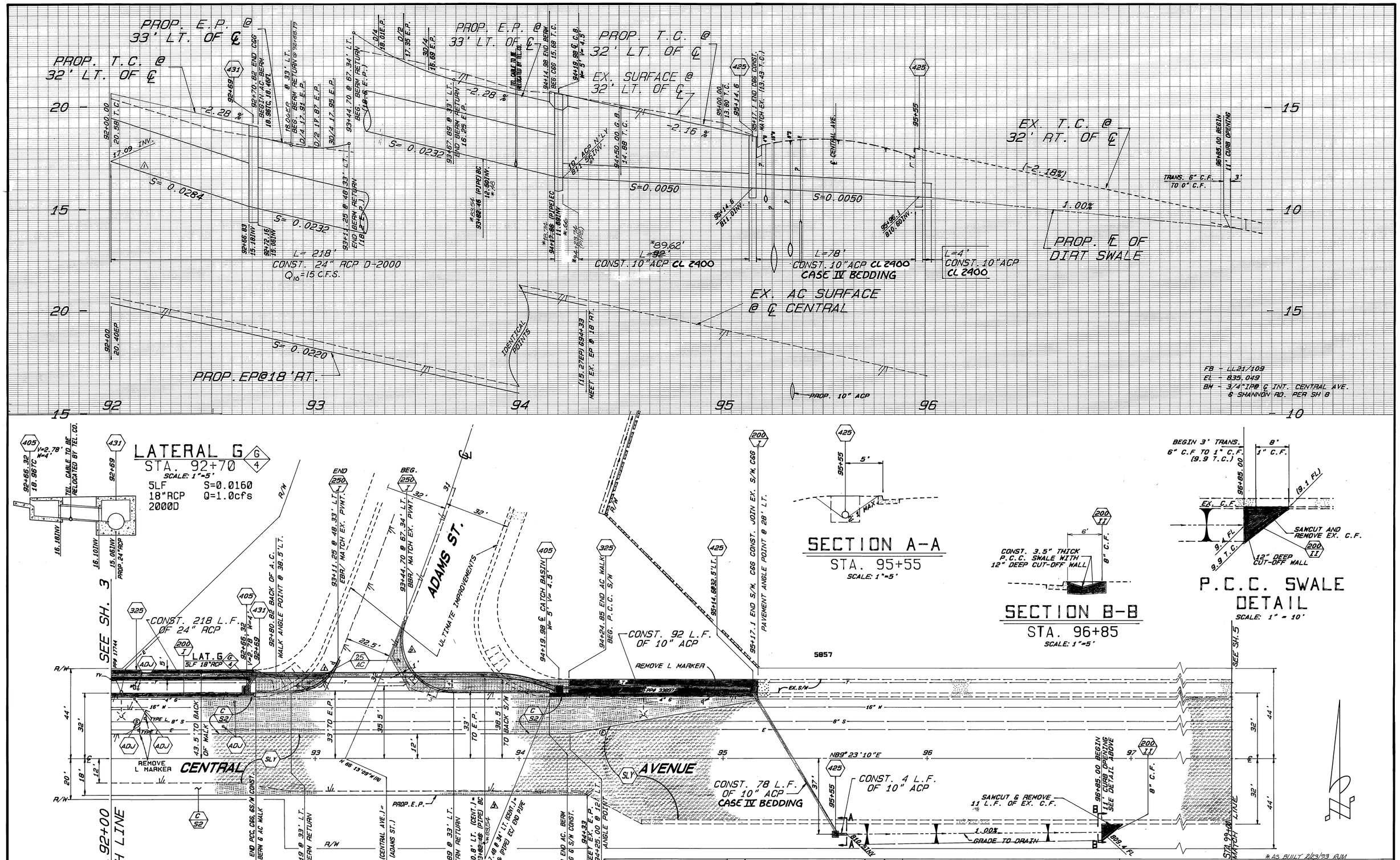
SHEET 2 OF 11

INDEXED 5-3-91 [illegible]

TELEDYNE POST 123120



TELEDYNE POST 123130



CURVE DATA				
NO.	R	DELTA	T	L
1	25'	67° 15' 24"	16.63'	29.35'
2	25'	111° 56' 46"	37.03'	48.84'
3	90'	22° 24' 55"	17.49'	35.20'

MARK	REVISIONS	APPR.	DATE
1	REVISED VERTICAL ALIGNMENT OF 24" RCP	RCM	3/12/90

DESIGNED BY RVZ DRAWN BY RVZ, TP, RJM CHECKED BY RCM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PROJECT ENGINEER	4/11/90	[illegible]
CHIEF P.W. ENGINEER	4/11/90	R.M.C.
CHIEF P.W. INSPECTOR	4/13/90	[illegible]
SURVEYOR	4/10/90	RJM
TRAFFIC DIVISION	4/11/90	[illegible]
PARK DEPARTMENT	4/12/90	[illegible]

APPROVED BY Barry Beal
PUBLIC WORKS DIRECTOR
DATE 4/22/90

CENTRAL AVENUE WIDENING
SHANNON TO HILLSIDE

HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= 2'

ACCOUNT NO. 30-575-256-07

R-2994

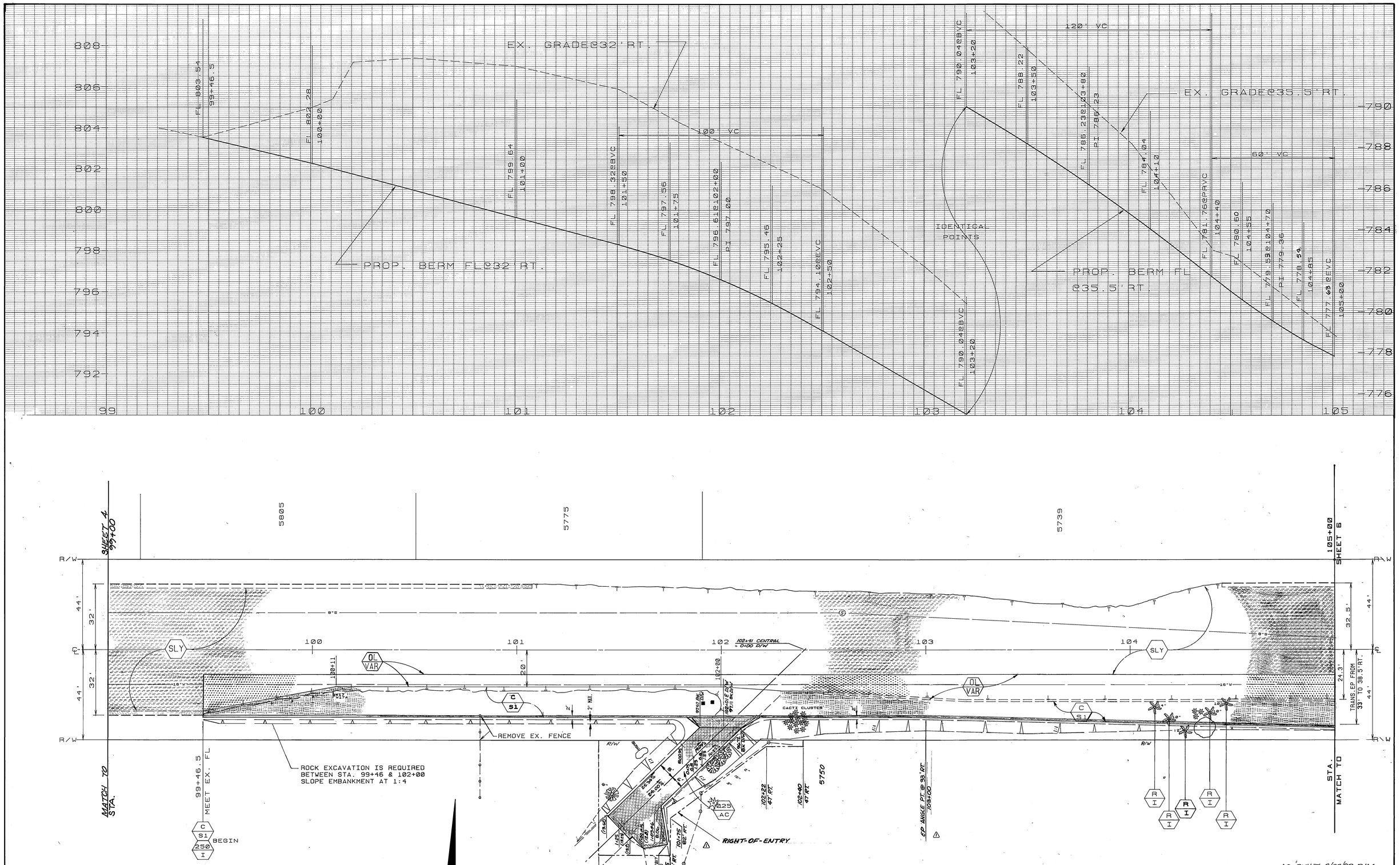
SHEET 4 OF 11

REGISTERED PROFESSIONAL ENGINEER RONALD C. MUELLER NO. 29510 Expires: 3/31/91 CIVIL STATE OF CALIFORNIA

Ronald C. Mueller

TELEDYNE POST 123120

INDEXED 5-3-91 [illegible]



REGISTERED PROFESSIONAL ENGINEER RONALD C. MUELLER NO. 29510 Expires: 3/31/93 CIVIL STATE OF CALIFORNIA

Ronald C. Mueller

MARK	REVISIONS	APPR.	DATE
1	REVISED RIGHT-OF-WAY SETS & DIST. RECORDS REVISED. SHEETS FROM 14 TO 11 & SHEET NUMBERS	RCM	8/12/90

DESIGNED BY JRH DRAWN BY RJM CHECKED BY RCM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
DEPUTY P.W. ENGINEER	4/17/90	RAC
PRINCIPAL ENGINEER	4/11/90	JD
SURVEYOR	4/16/90	DPH
CHIEF P.W. INSPECTOR	4/19/90	RJC
TRAFFIC DIVISION	4/11/90	JD
PARK'S RECREATION	4/23/90	[illegible]

APPROVED BY Barry Bell
PUBLIC WORKS DIRECTOR
DATE 4/22/90

CENTRAL AVENUE WIDENING
SHANNON TO STREETER

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

AS BUILT 2/22/93 RJM

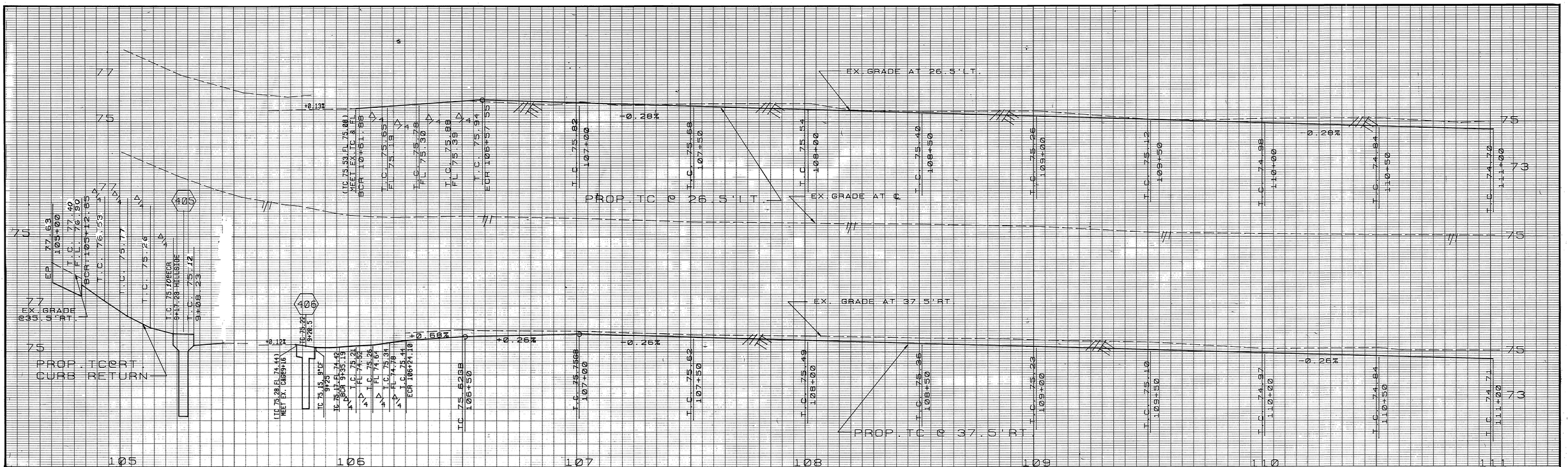
ACCOUNT NO. 30-575-256-07

R-2994

SHEET 5 OF 11

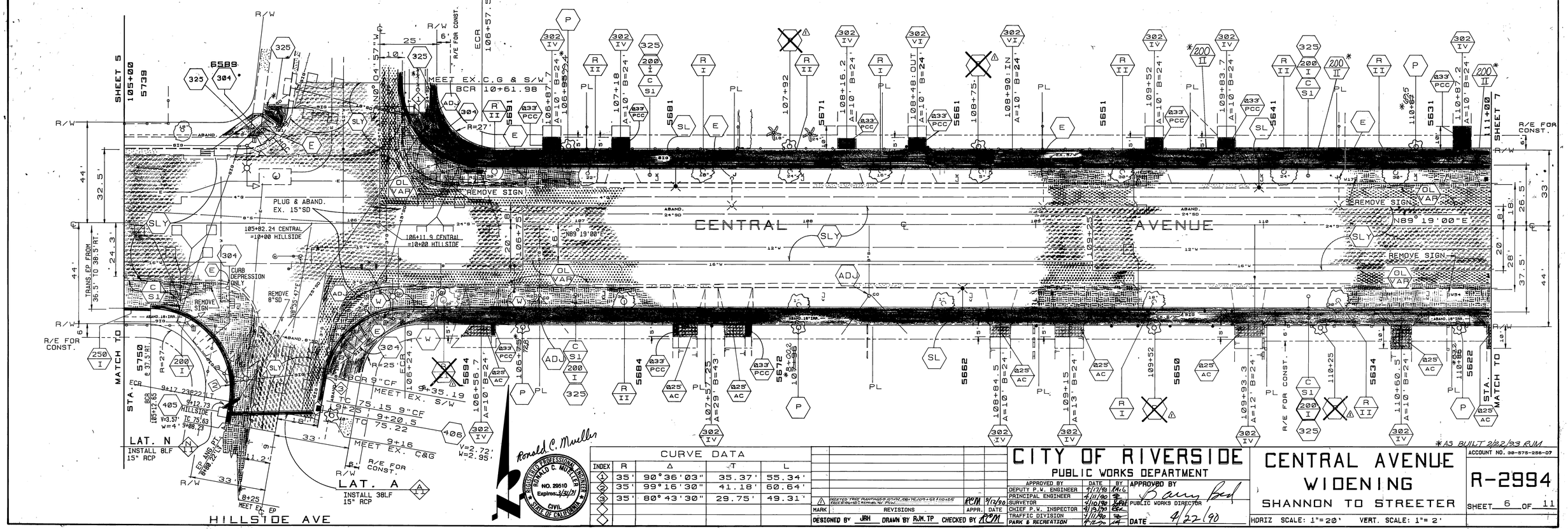
INDEXED 5-3-91 [illegible]

TELEDYNE POST 123120



FB. LL23/18
ELEV. 775.735
BM - CHIS."D" AT S'LY C.B.WING N'LY OF THE NW CB. RETURN CENTRAL AVE.@ HILLSIDE AVE. PER LL17/46.

FOR SIGNAL CONSTRUCTION SEE X-346



*AS BUILT 2/22/93 RJM

FOR SIGNAL CONSTRUCTION SEE X-346

CURVE DATA					
INDEX	R	Δ	T	L	
1	35'	90°36'03"	35.37'	55.34'	
2	35'	99°16'30"	41.18'	60.64'	
3	35'	80°43'30"	29.75'	49.31'	

MARK	REVISIONS	APPR.	DATE
1	DELETED TREE PLANTINGS @ 107+92, 108+75, 109+52 & 110+25 TRUNCATED ROUNDS W/ PSW	RCM	9/12/90

DESIGNED BY JRH DRAWN BY RJM.TP CHECKED BY RCM

REGISTERED PROFESSIONAL ENGINEER RONALD C. MUELLER NO. 29510 Expires 3/31/91 CIVIL STATE OF CALIFORNIA

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
DEPUTY P.W. ENGINEER	4/11/90	MKG
PRINCIPAL ENGINEER	4/11/90	
SURVEYOR	4/10/90	
CHIEF P.W. INSPECTOR	4/19/90	
TRAFFIC DIVISION	4/11/90	
PARK & RECREATION	4-12-90	

APPROVED BY Barry Bed
PUBLIC WORKS DIRECTOR
DATE 4/22/90

CENTRAL AVENUE WIDENING
SHANNON TO STREETER

HORIZ SCALE: 1"=20' VERT. SCALE: 1"=2'

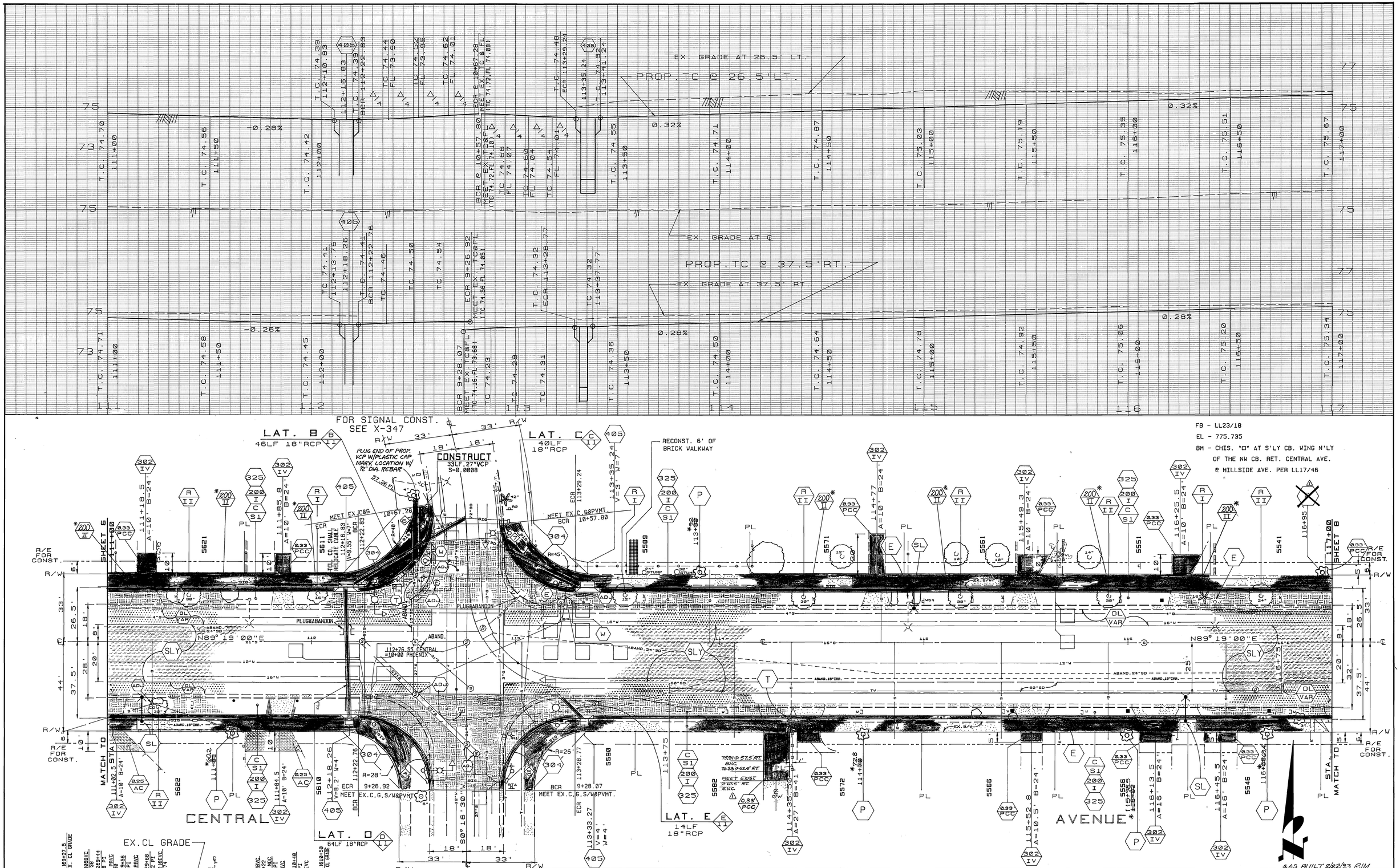
ACCOUNT NO. 30-575-256-07

R-2994

SHEET 6 OF 11

INDEXED 5-3-91 GH

TELEDYNE POST 123120



CURVE DATA				
INDEX	R	Δ	T	L
4	35'	90° 37' 13"	35.38'	55.36'
5	35'	89° 22' 47"	34.62'	54.60'
6	35'	96° 11' 51"	39.01'	58.76'
7	35'	85° 58' 30"	32.62'	52.52'

MARK	REVISIONS	APPR.	DATE
1	CBW MAKEUP @ 114+85 EXTENDED, TREE PLANTING @ 116+95 DELETED	RCM	9/12/90

DESIGNED BY JRH DRAWN BY RJM CHECKED BY RCM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
DEPUTY P.W. ENGINEER	4/17/90	RMG
PRINCIPAL ENGINEER	4/11/90	[illegible]
SURVEYOR	4/10/90	[illegible]
CHIEF P.W. INSPECTOR	4/19/90	[illegible]
PARK DEPARTMENT	4/12/90	[illegible]
Traffic Division	4/11/90	[illegible]

APPROVED BY Barry Bed
PUBLIC WORKS DIRECTOR
DATE 4/22/90

CENTRAL AVENUE WIDENING
SHANNON TO STREETER

HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= 2'

ACCOUNT NO. 30-575-256-07

R-2994

SHEET 7 OF 11

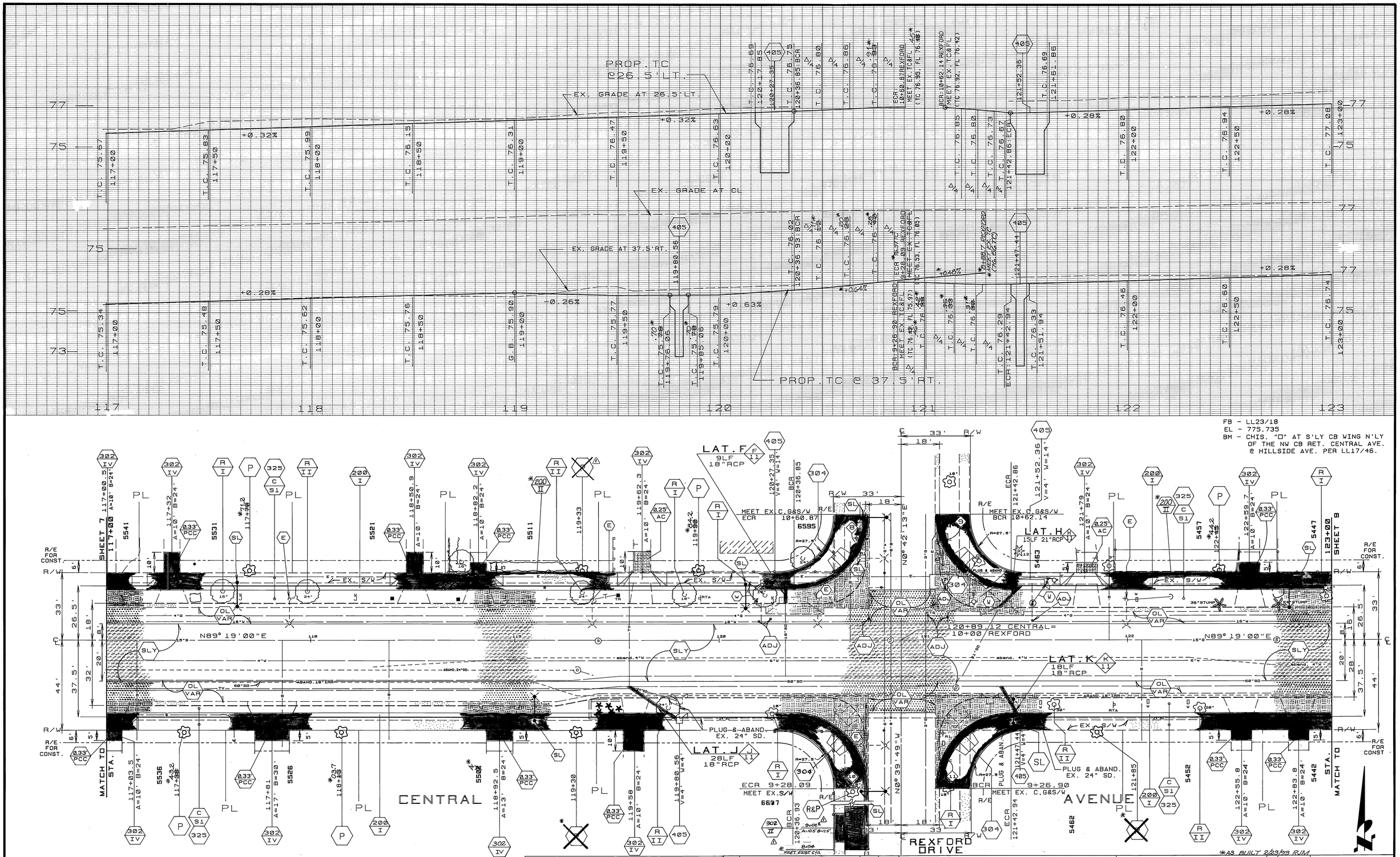
*AS BUILT 2/22/93 RJM

INDEXED 5-3-91 4th

Ronald C. Mueller

REGISTERED PROFESSIONAL ENGINEER RONALD C. MUELLER NO. 29510 Expires: 3/31/91 CIVIL STATE OF CALIFORNIA

TELEDYNE POST 123120



CURVE DATA				
INDEX	R	Δ	T	L
9	35'	89° 19' 00"	34.58'	54.56'
9	35'	90° 41' 00"	35.42'	55.39'
10	35'	89° 21' 14"	34.61'	54.58'
11	35'	90° 38' 46"	35.40'	55.37'

MARK	REVISIONS	APPR.	DATE
1	DELETED TREE PLANTING @ 119+93, ADDED 2/0-9 gal. ROSES & TREE PLANTING @ 121+85 REVISED	RCM	9/12/90

DESIGNED BY JRH DRAWN BY R.J.M./T.P. CHECKED BY RCM

REGISTERED PROFESSIONAL ENGINEER RONALD C. MUELLER NO. 29510 Expires: 3/31/91 CIVIL STATE OF CALIFORNIA

Ronald C. Mueller

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
DEPUTY P.W. ENGINEER	4/11/90	RMC
PRINCIPAL ENGINEER	4/11/90	RC
SURVEYOR	4/10/90	RDM
CHIEF P.W. INSPECTOR	4/13/90	RCC
TRAFFIC DIVISION	4/11/90	[illegible]
PARK & RECREATION	4/12/90	[illegible]

APPROVED BY Barry Bell
PUBLIC WORKS DIRECTOR
DATE 4/22/90

CENTRAL AVENUE WIDENING
SHANNON TO STREETER

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

*AS BUILT 2/23/93 RJM

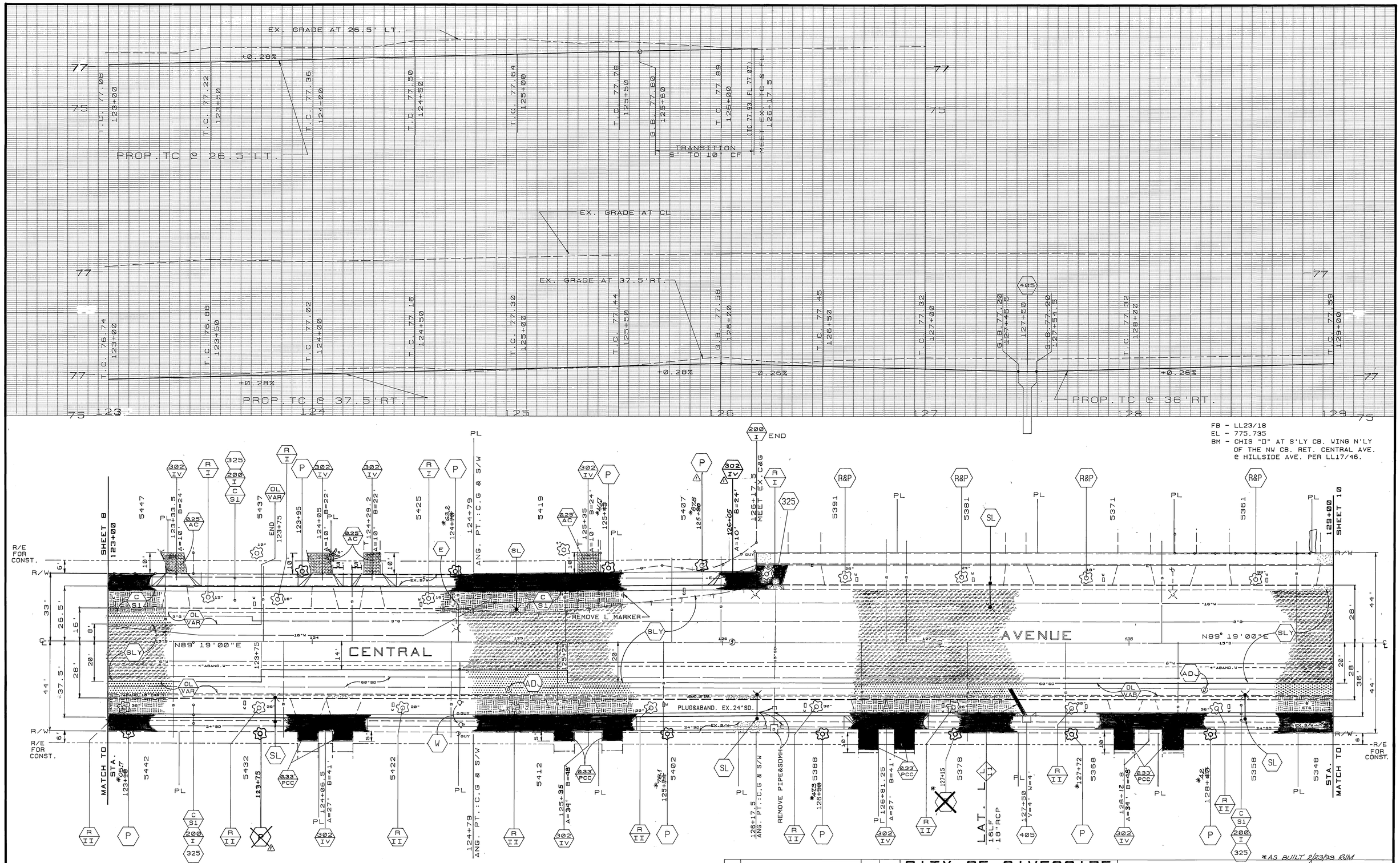
ACCOUNT NO. 30-575-256-07

R-2994

SHEET 8 OF 11

INDEXED 5-3-91

TELEDYNE POST 123120



1	ADDED DWYS 126+05, DELETED TREE BLOCKING 125+75, REMOVED TREE PLANTING FROM FG 125+70 TO 125+90.	RPM	9/12/00	
MARK	REVISIONS	APPR.	DATE	

DESIGNED BY JRH DRAWN BY RJM, TP CHECKED BY RPM

REGISTERED PROFESSIONAL ENGINEER RONALD C. MUELLER NO. 29510 Expires: 3/31/01 CIVIL STATE OF CALIFORNIA

Ronald C. Mueller

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
DEPUTY P.W. ENGINEER	4/11/90	MG
PRINCIPAL ENGINEER	4/11/90	[illegible]
SURVEYOR	4/10/90	RCM
CHIEF P.W. INSPECTOR	4/19/90	RSK
TRAFFIC DIVISION	4/11/90	[illegible]
PARK & RECREATION	4-12-90	[illegible]

APPROVED BY Barry Beal
PUBLIC WORKS DIRECTOR
DATE 4/22/90

CENTRAL AVENUE WIDENING
SHANNON TO STREETER

ACCOUNT NO. 30-575-256-07

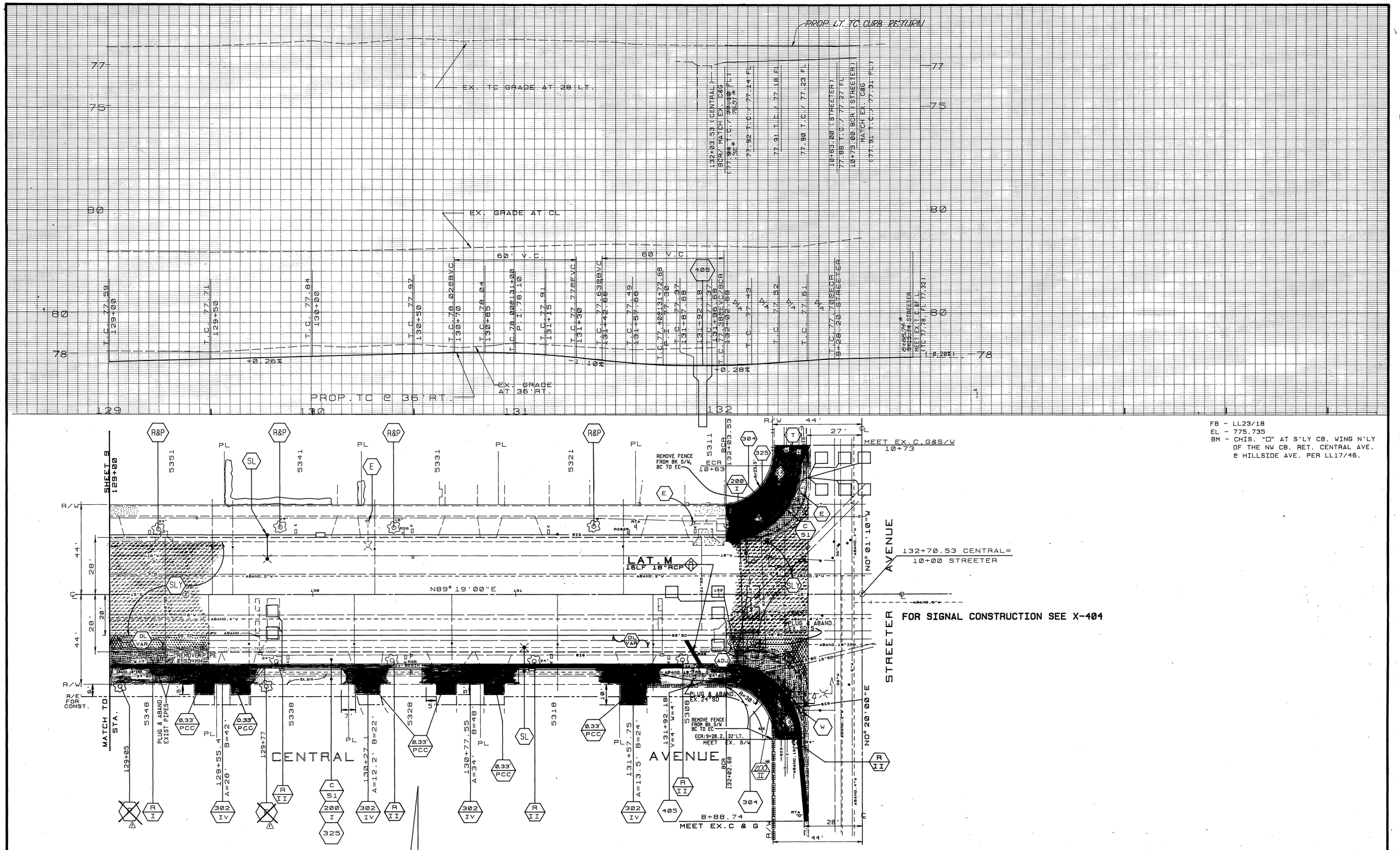
R-2994

SHEET 9 OF 11

HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= 2'

INDEXED 5-3-91 GH

TELEDYNE POST 123120



FB - LL23/18
EL - 775.735
BM - CHIS. "□" AT S'LY CB. WING N'LY OF THE NW CB. RET. CENTRAL AVE. @ HILLSIDE AVE. PER LL17/46.

CURVE DATA				
INDEX	R	Δ	T	L
12	35'	89° 20'10"	34.60'	54.57'
13	35'	90° 40'55"	35.42'	55.39'

MARK	REVISIONS	APPR.	DATE
1	DELETED TREE PLANTING @ 129+05 & 129+77	RCM	9/12/90

DESIGNED BY JRH DRAWN BY RJM, TP CHECKED BY RCM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
DEPUTY P.W. ENGINEER	4/17/90	RMcC
PRINCIPAL ENGINEER	4/11/90	
SURVEYOR	4/6/90	
CHIEF P.W. INSPECTOR	4/19/90	
TRAFFIC DIVISION	4/11/90	
PARK & RECREATION	4/11/90	

APPROVED BY Barry Bed
PUBLIC WORKS DIRECTOR
DATE 4/22/90

CENTRAL AVENUE WIDENING
SHANNON TO STREETER

HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= 2'

*AS BUILT 2/23/93 RJM

ACCOUNT NO. 30-575-256-07

R-2994

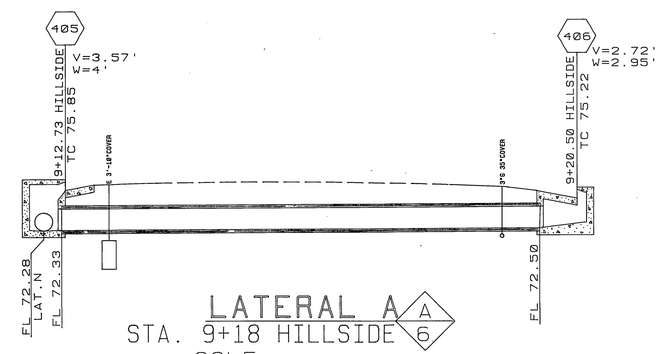
SHEET 10 OF 11

INDEXED 5/3/91

Ronald C. Mueller

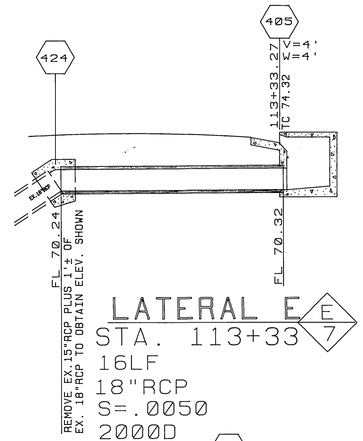
REGISTERED PROFESSIONAL ENGINEER RONALD C. MUELLER NO. 28910 Expires 3/31/91 CIVIL STATE OF CALIFORNIA

TELEDYNE POST 123120



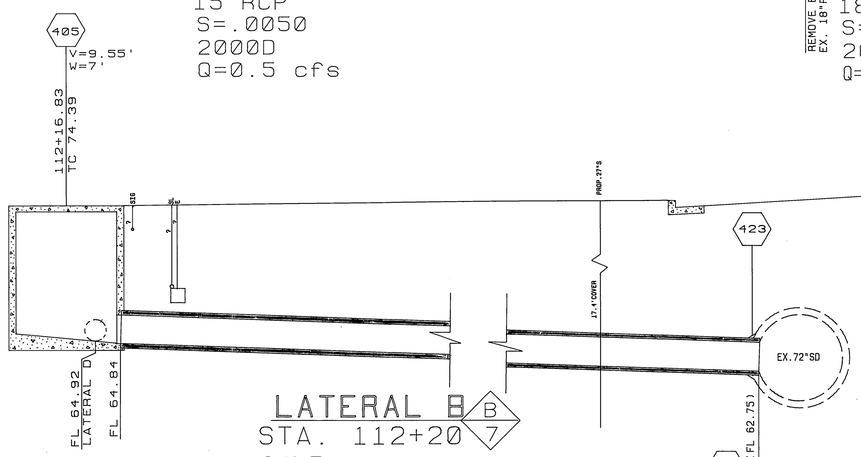
LATERAL A (A/6)

STA. 9+18 HILLSIDE
38LF
15"RCP
S=.0050
2000D
Q=0.5 cfs



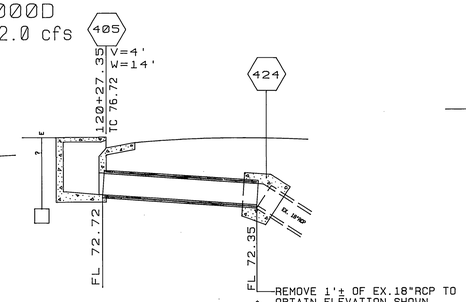
LATERAL E (E/7)

STA. 113+33
16LF
18"RCP
S=.0050
2000D
Q=2.0 cfs



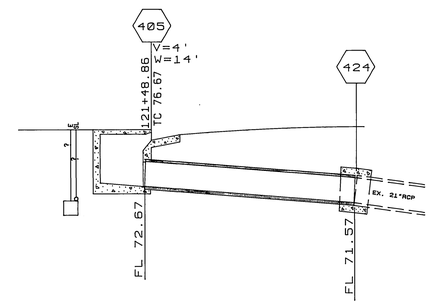
LATERAL B (B/7)

STA. 112+20
64LF
18"RCP
S=0.0327
2000D
Q=6.2 cfs



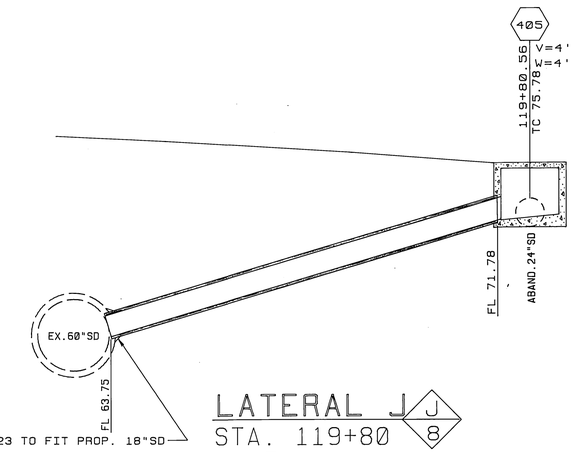
LATERAL F (F/8)

STA. 120+27
11LF
18"RCP
S=0.0336
2000D
Q=8.6 cfs



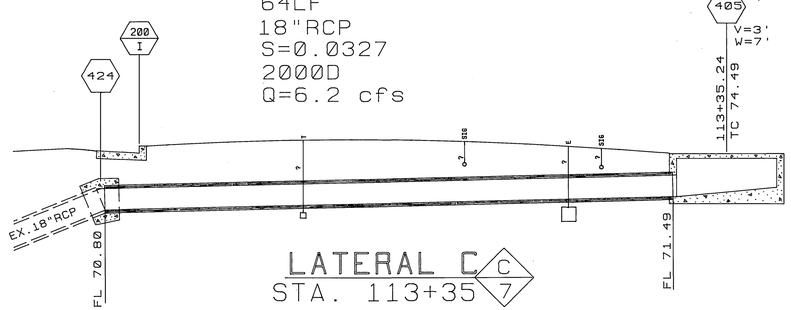
LATERAL H (H/8)

STA. 121+49
15LF
21"RCP
S=0.0733
2000D
Q=17.3 cfs



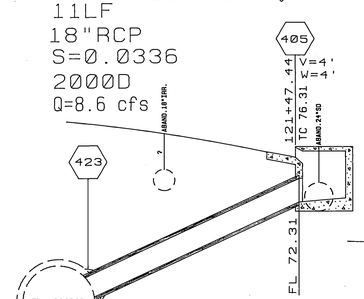
LATERAL J (J/8)

STA. 119+80
28LF
18"RCP
S=0.2868
2000D
Q=0.5 cfs



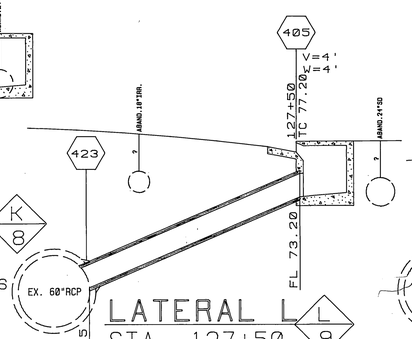
LATERAL C (C/7)

STA. 113+35
40LF
18"RCP
S=0.0172
2000D
Q=11.6 cfs



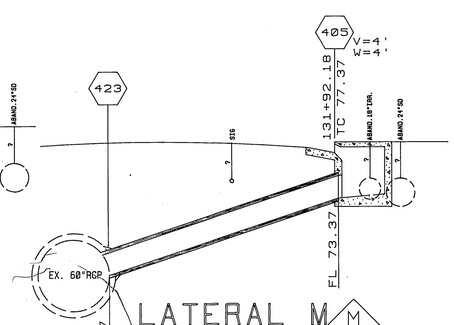
LATERAL K (K/8)

STA. 121+47
18"RCP 2000D
S=.4616 Q=1.5 cfs
18LF



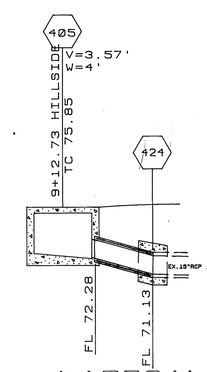
LATERAL L (L/9)

STA. 127+50
16LF
18"RCP
S=0.4281
2000D
Q=1.7 cfs



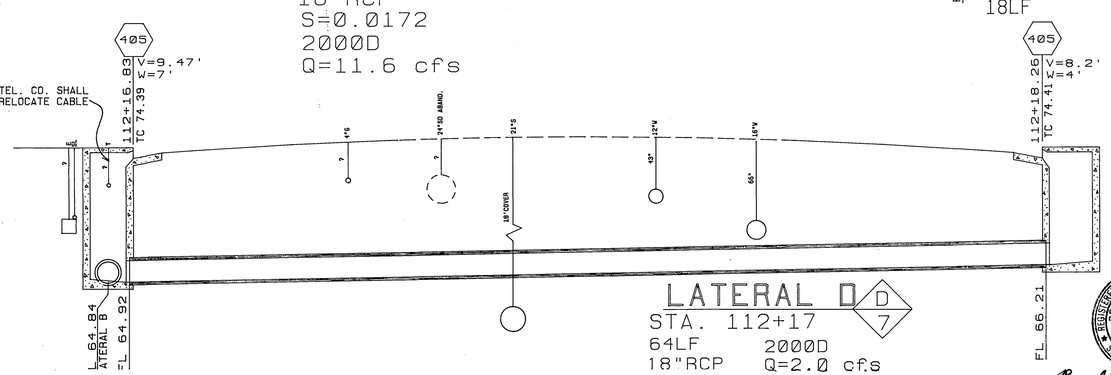
LATERAL M (M/10)

STA. 131+92
16LF
18"RCP
S=0.3060
2000D
Q=0.7 cfs



LATERAL N (N/6)

STA. 9+13 HILLSIDE
8LF
18"RCP
S=0.1438
2000D
Q=1.0 cfs



LATERAL D (D/7)

STA. 112+17
64LF 2000D
18"RCP Q=2.0 cfs

REGISTERED PROFESSIONAL ENGINEER
RONALD C. MUELLER
NO. 29510
Expires: 3/31/91
CIVIL
STATE OF CALIFORNIA

Ronald C. Mueller

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JEH DRAWN BY [illegible] CHECKED BY RCM

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	4/11/90	[illegible]
PARK DEPARTMENT	4-12-90	[illegible]
TRAFFIC DIVISION	4/11/90	[illegible]
CHIEF P. W. ENGINEER	4/17/90	R.M.G.
CHIEF P.W. INSPECTOR	4/19/90	[illegible]

APPROVED BY [illegible]
PUBLIC WORKS DIRECTOR
DATE 4/22/90

AS BUILT 8/23/93 RJM

CENTRAL AVENUE WIDENING
SHANNON TO STREETER

HORIZ. SCALE: 1"=5' VERT. SCALE: 1"=

ACCOUNT NO. 38-575-256-07

R-2994

SHEET 11 OF 11

INDEXED 5-3-91 [illegible]

OZALID-NO.2