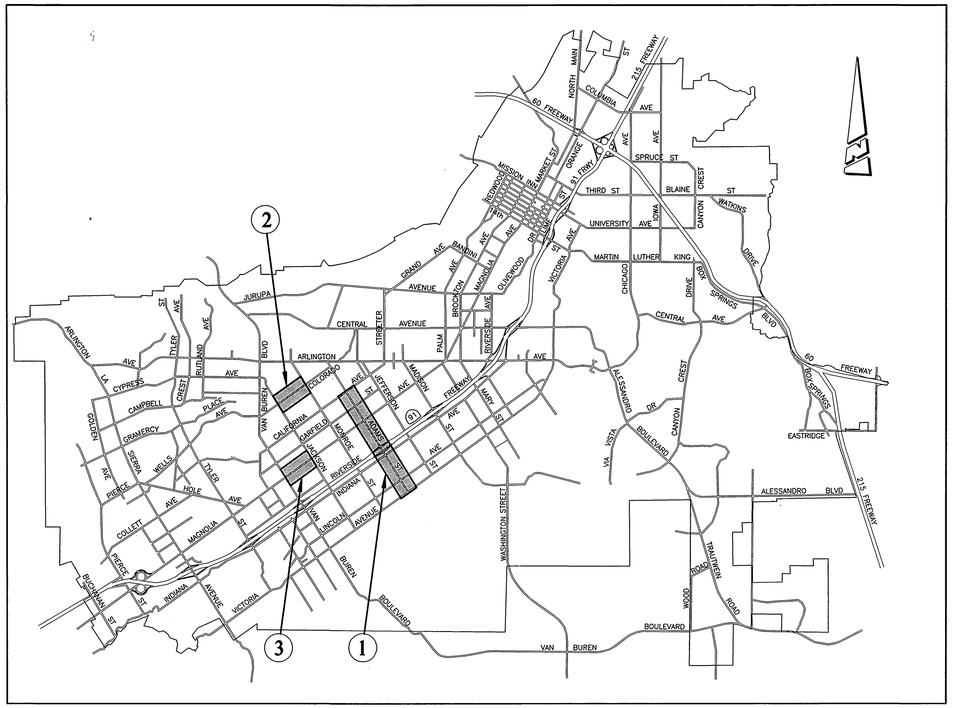
RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

REHABILITATION OF ARTERIAL STREETS 1994-1995
STP LN-5058 (028)

STREET	LIMITS	TRAFFIC INDEX	LENGTH	SH. NO.
① ADAMS STREET	VICTORIA TO CALIFORNIA	7.5-8.5	9,600'-1.8 MILE	2-5
② COLORADO AVE.	JACKSON TO MONROE	7.5	2,700'-0.5 MILE	6-7
③ MAGNOLIA AVE.	VAN BUREN TO JACKSON	8.5	2,700'-0.5 MILE	8



PROJECT LOCATION PLAN

0 KM. 1 KM. 5 KM. 10 KM.

0' 3,000' 6,000' 12,000' 18,000' 24,000' 30,000' 36,000'

SCALE : 1" = 6,000'

CONSTRUCTION LEGEND

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

- (ADJ) ADJUST SEWER, STORM DRAIN, ELECTRIC OR WATER MANHOLE OR GATE VALVE TO GRADE. ADJUSTMENT TO GRADE OR RELOCATION OF GAS AND TELEPHONE COMPANY'S FACILITIES WILL BE DONE BY OTHERS.
- (C / 0.50) CONSTRUCT STRUCTURAL SECTION OF 0.10' ARHM-GG OVER 0.40' DGAC ~~FULL DEPTH DGAC. DEPTH OF DGAC AS SHOWN ON PLANS.~~ (2)
- (D / RC) ~~ALTERNATE I: 0.10' MIN. DGAC (DENSE GRADED AC) OVER ARSAT (ASPHALT RUBBER STRESS ABSORBING TREATMENT). NOTE: RUBBER CHIP (RC) IS THE SAME AS AND IS USED INTERCHANGEABLY WITH ARSAT.~~ (1)
  ALTERNATE II:
  0.10' ASPHALT-RUBBER HOT MIX GAP GRADED (ARHM-GG) OVERLAY.
- (G1) GRIND EX. AC 0.05' BELOW GUTTER LIP OR OUTER EDGE, "DAY-LIGHTING" IN 5' (TYPE 1 GRINDING) EXCEPT AS SHOWN OTHERWISE ON PLAN AND DESCRIBED IN SPECIAL PROVISIONS.
- (G2 / 0.1') GRIND EX. AC 0.1' BELOW EX. A.C. SURFACE OR ADJACENT P.C.C. GUTTER.
- (R&R / 0.50) REMOVE AND REPLACE EX. AC PAVEMENT WITH 0.10' ARHM-GG OVER 0.40' DGAC ~~0.50' FULL DEPTH DGAC.~~ (2) [ADAMS ST. (VICTORIA TO AUTO CENTER)]
- (R&R / 0.75) REMOVE AND REPLACE EX. AC PAVEMENT WITH 0.10' ARHM-GG OVER 0.65' DGAC ~~0.75' FULL DEPTH DGAC.~~ (2) [ADAMS ST. (AUTO CENTER TO 91 FWY)]
- (R&R / 0.55) REMOVE AND REPLACE EX. AC PAVEMENT WITH 0.10' ARHM-GG OVER 0.45' DGAC ~~0.55' FULL DEPTH DGAC.~~ (2) [ADAMS ST. (91 FWY TO MAGNOLIA)]
- (R&R / 0.70) REMOVE AND REPLACE EX. AC PAVEMENT WITH 0.10' AHRM-GG OVER 0.60' DGAC ~~0.70' FULL DEPTH DGAC.~~ (2) [ADAMS ST. (MAGNOLIA TO CALIFORNIA)]
- (R&R / 0.90) REMOVE AND REPLACE EX. AC PAVEMENT WITH 0.10' AHRM-GG OVER 0.80' DGAC ~~0.90' FULL DEPTH DGAC.~~ (2) [COLORADO AVE. (JACKSON TO MONROE)]
- (R&R / 0.85) REMOVE AND REPLACE EX. AC PAVEMENT WITH 0.10' AHRM-GG OVER 0.75' DGAC ~~0.85' FULL DEPTH DGAC.~~ (2) [MAGNOLIA AVE. (VAN BUREN TO JACKSON)]
- (SLY) ASPHALT SLURRY SEAL
- (TDL / 8) TRAFFIC DETECTOR LOOP INSTALLATIONS — NUMBER OF DETECTOR LOOPS
- (TDL / PIP) PROTECT TRAFFIC DETECTOR LOOP INSTALLATIONS IN PLACE.
- (TDF) REMOVE ABANDONED TRAFFIC DETECTOR FRAME AND FOUNDATION.
- (4 / 3) INDICATES DETAIL — INDICATES SHEET NO.

GENERAL CONSTRUCTION NOTES

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS ANS STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1994 EDITION.
2. 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 IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS ——X—— INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
3. ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
4. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS A OR C-12 LICENSE.
5. THE SEAM BETWEEN PASSES OF THE DGAC OVERLAY SHALL COINCIDE, AS CLOSE AS POSSIBLE, WITH THE LANE LINES.
6. AFTER REMOVAL OF CURB, C&G OR EP REPLACEMENTS, FOR DESIGNATED R&R LENGTHS GREATER THAN 50', THE CONTRACTOR SHALL ALLOW 48 HRS TO REQUEST SURVEY PLUS AN ADDITIONAL 48 HRS. TO RECEIVE PROPOSED GRADES FOR REPLACEMENT OF IMPROVEMENTS.
7. CRACKS IN PAVEMENT WHICH ARE 3/8" AND LARGER SHALL BE FILLED WITH A RUBBERIZED ASPHALT MATERIAL PRIOR TO APPLICATION OF THE ARSAT. WHEN THE PAVEMENT IS TO BE OVERLAID WITH OTHER THAN ARSAT, ALL CRACKS SHALL BE FILLED WITH A RUBBERIZED ASPHALT MATERIAL. (SEE SPECIAL PROVISIONS)
8. MANHOLES AND VALVES WITHIN THE GRINDING OR PAVEMENT REPLACEMENT LIMITS SHALL NOT BE ADJUSTED TO GRADE. INSTEAD, ENOUGH GRINDING (OR PVMT. REMOVAL BY OTHER MEANS) SHALL BE DONE TO PROVIDE A SMOOTH FINISHED SURFACE TRANSITION AROUND THE COMPLETE CIRCUMFERENCE OF THE STRUCTURE AS NOTED PER PLAN. EXCEPTIONS TO THIS ARE WHERE MH'S AND VALVES ARE WITHIN PVMT. REMOVAL AREAS BUT ARE TOO CLOSE (WITHIN 3') TO THE ADJACENT PROPOSED A.C. OVERLAY.
9. THE RIDGE PRODUCED BY THE EDGE OF THE DENSE GRADED A.C. OVERLAY SHALL BE MINIMIZED. FEATHER THE DENSE GRADED A.C. AT INTERSECTIONS TO A MINIMUM THICKNESS (0.03') AT 5' BEYOND THE INDICATED EDGE OF THE OVERLAY.
10. PULL BOXES FOR SPLICING TRAFFIC LOOP DETECTOR CONDUCTORS AND LEAD-IN CABLE ARE NORMALLY ADJACENT TO DETECTORS, UNLESS OTHERWISE SHOWN ON THE PLAN.
11. RESURFACING LIMITS SHOWN AT INTERSECTIONS ARE NOT ABSOLUTE. THE INSPECTOR MAY REQUEST GRINDING AND PAVING INTO SIDE STREETS TO IMPROVE RIDE QUALITY AND OTHER STREET CONDITIONS.
12. PLANS DO NOT TYPICALLY INDICATE LOCATIONS OF WATER VALVES OR FIRE HYDRANTS TO SIMPLIFY PLAN PREPARATION EFFORT; HOWEVER, THESE FACILITIES MUST BE LOCATED DURING CONSTRUCTION TO MAKE VALVE BOX ADJUSTMENTS AND BLUE HYDRANT MARKER INSTALLATIONS. THE VALVE BOXES MUST BE "TIED OUT" AS PART OF THE CONTRACTORS WORK.

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	8"S	TELEPHONE CONDUIT	T
WATER LINE	6"W	ELECTRICAL CONDUIT	E
STORM DRAIN	24"SD	ELECTROLIER LIGHTING CONDUIT	ELC
GAS LINE	3"G	TRAFFIC SIGNAL	SIG
ABANDONDED UTILITY	6"G(ABAN'D.)	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.
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- AIR VALVE
- AIR VENT
- BUS STOP SIGN
- BLOW-OFF VALVE
- IRRIGATION STAND PIPE
- CONCRETE
- ASPHALT
- BUILDING
- EDGE OF PAVEMENT
- POLE & GUY ANCHOR
- POWER POLE
- TELEPHONE POLE
- TELEPHONE RISER
- JOINT USE POLE
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- STREET NAME SIGN
- GAS METER
- MAIL BOX
- FAUCET
- WALK-DON'T WALK PEDESTRIAN SIGNAL
- ELECTROLYSIS TEST STATION
- WHEEL STOP
- A.C. BERM
- PEDESTRIAN PUSH BUTTON
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL PRESSURE DETECTOR
- TRAFFIC SIGNAL LOOP DETECTOR
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
- STREET LIGHT (UPRIGHT)
- STREET LIGHT ON MAST ARM
- STEEL POST
- WOOD POST

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.

1. CONSTRUCT 4" THICK STAMPED CONCRETE. COLOR SHALL BE QUARRY RED, C-32. USE 12" X 12" TILE PATTERN OR CITY APPROVED EQUAL.
2. INSTALL R-7 TRAFFIC CONTROL SIGN PER STD. 666.
3. TRIM EXIST. 18' C.S.P. AND CONNECT C.S.P. INLET PER STD. 412
4. CONSTRUCT DIRECTIONAL WHEELCHAIR RAMP PER DETAIL B-4.
5. REMOVE EXIST. MEDIAN.

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
CALL TOLL FREE
TWO WORKING DAYS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-422-4133

ENGINEER IN RESPONSIBLE CHARGE
Ronald C. Mueller
RONALD C. MUELLER
R.C.E. No. 29510 expires 3/31/99
DATE 5/16/95

REGISTERED PROFESSIONAL ENGINEER — RONALD C. MUELLER — NO. 29510 Expires: 3/31/96 — CIVIL — STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE
2	REVISED STRUCTURAL SECTIONS	RCM	6/13/95
1	DELETE OVERLAY ALTERNATE I	RCM	6/15/95

DESIGNED BY R.G. FANN DRAWN BY CURT CHECKED BY RCM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		5/19/95
PRINCIPAL ENGINEER		5/16/95
CHIEF P.W. INSPECTOR		5/15/95
STREET SERVICES		
SURVEYOR		5/15/95
TRAFFIC DIVISION		5/16/95
PARKS DEPARTMENT		

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/16/95

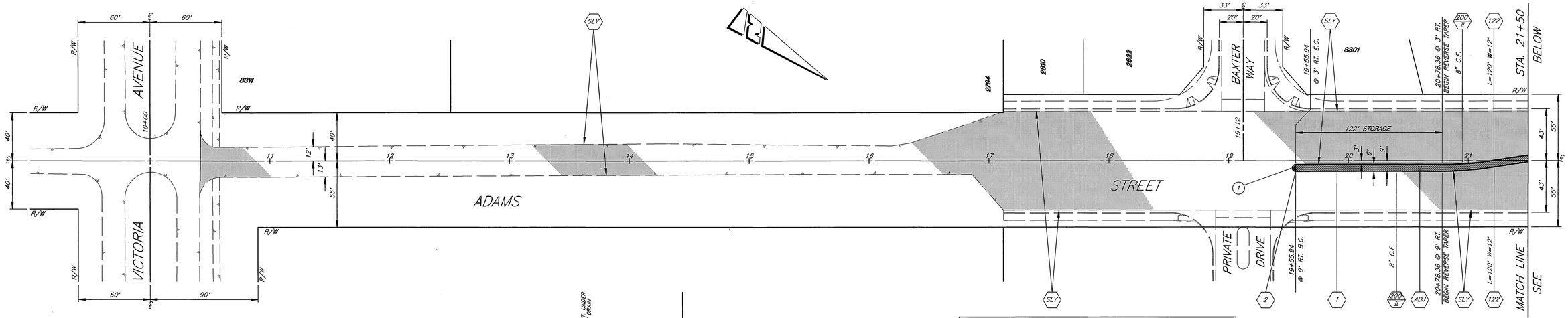
REHABILITATION OF ARTERIAL STREETS
STP LN-5058-(028) 94-95

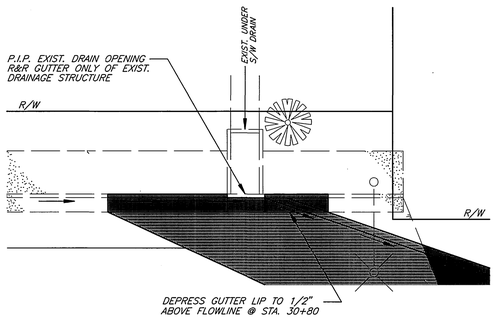
ACCT. NO. 432-541500-440302-30036

R-3390

SHEET 1 OF 8

INDEXED 9-14-15





A/2 UNDER S/W DRAIN DETAIL

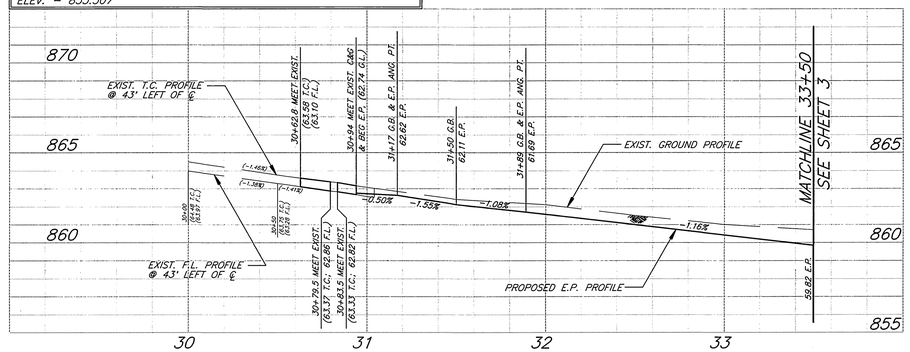
SCALE: 1"= 10'

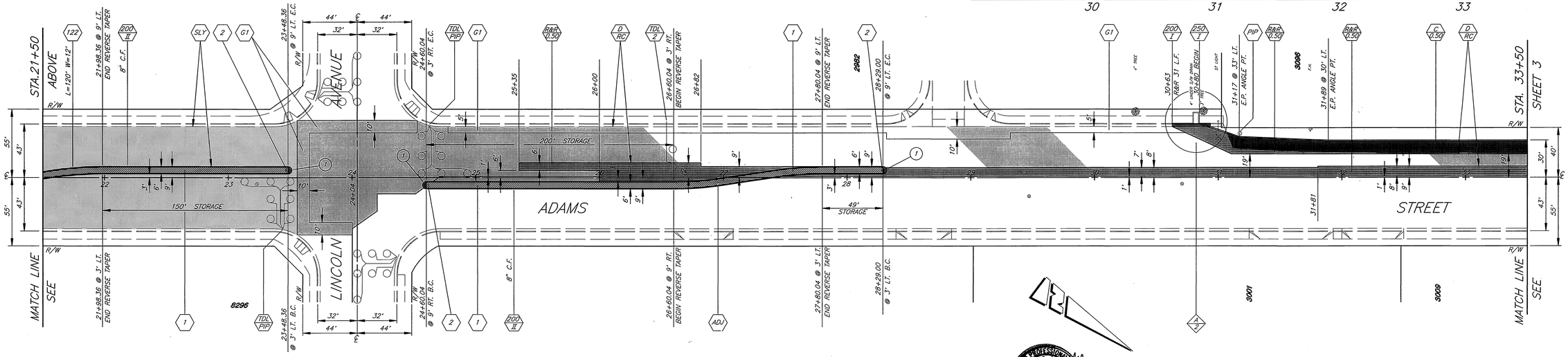
CONSTRUCTION NOTES

1. CONSTRUCT 4" THICK STAMPED CONCRETE. COLOR SHALL BE QUARRY RED, C-32. USE 12" X 12" TILE PATTERN OR CITY APPROVED EQUAL.
2. INSTALL R-7 TRAFFIC CONTROL SIGN PER STD. 666.

BENCHMARK

P.K. NAIL AND CITY ENGR. TAG IN E'LY CURB OF ADAMS ST. N'LY CATCH BASIN WING, 100' ± S'LY OF THE S'LY A.T.& S.F. R.R. TRACKS
ELEV. = 855.307





QUANTITIES FOR ADAMS STREET

ITEM	QUANTITY	ITEM	QUANTITY	ITEM	QUANTITY	ITEM	QUANTITY
EXCAVATION (A.C. & BASE)	4,089 C.Y.	REMOVE DETECTOR FRAME AND FOUNDATION	1 EA.	WHEELCHAIR RAMP	10 EA.	ALTERNATE II	
COLD MILLING–TYPE I (5' WIDE)	10,137 L.F.			STAMPED CONCRETE	3,900 S.F.	ASPHALT RUBBER HOT MIX–GG	4,722 TONS
COLD MILLING–TYPE I (8' WIDE)	256 L.F.	ADJUST S.D. & SEWER MANHOLE	17 EA.	A.C. BERM, STD. 250, TYPE I	979 L.F.	TACK COAT	2,915 GAL.
COLD MILLING–TYPE I (10' WIDE)	1,390 L.F.	REPLACE VALVE BOX & COVER	15 EA.	C.S.P. INLET, STD. 412	1 EA.		
COLD MILLING–TYPE I (15' WIDE)	120 L.F.	ADJUST WATER VALVE FRAME & COVER	52 EA.	SLURRY SEAL	7,600 S.Y.	PAVEMENT PREPARATION	
COLD MILLING–TYPE II	12,763 S.F.	TWO WAY BLUE REFLECTING HYDRANT MARKER	23 EA.	A.C. REPLACEMENT (PLAN)	7,847 TONS	A.C. REMOVAL (INSPECTION)	610 C.Y.
CRACK FILLING	33,890 L.F.			~~ALTERNATE I~~ ⚠		A.C. REPLACEMENT (INSPECTION)	1,245 TONS
CRACK REPAIR	678 L.F.	C&G STD. 200, TYPE II, 8" C.F.	1,570 L.F.	~~DENSE GRADED ASPHALT CONCRETE~~	~~4,722 TONS~~		
DETECTOR LOOP INSTALLATION	73 EA.	R&R C&G STD. 200, TYPE I	236 L.F.	~~ASPHALT RUBBER S.A.T.~~	~~36,659 S.Y.~~		
TRAFFIC SIGN INSTALLATION (R7)	4 EA.	P.C.C. SIDEWALK, STD. 325	44 S.F.	~~TACK COAT~~	~~1,833 GAL.~~		

CURVE DATA

○	Δ	R	L	T
1	180° 00' 00"	3.00'	9.42'	----

⚠ DELETE ALTERNATE I. RCM 4/6/95
MARK REVISIONS APPR. DATE

DESIGNED BY R.G. FANN DRAWN BY CURT CHECKED BY RCM

REGISTERED PROFESSIONAL ENGINEER RONALD C. MILLER No. 44446 CIVIL STATE OF CALIFORNIA 3/31/99

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		
PRINCIPAL ENGINEER		
CHIEF P.W. INSPECTOR		
STREET SERVICES		
SURVEYOR		
TRAFFIC DIVISION		
PARKS DEPARTMENT		

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/16/95

REHABILITATION OF ARTERIAL STREET
STP LN-5058-(028) 94-95

ADAMS STREET
VICTORIA AVE TO CALIFORNIA AVE

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

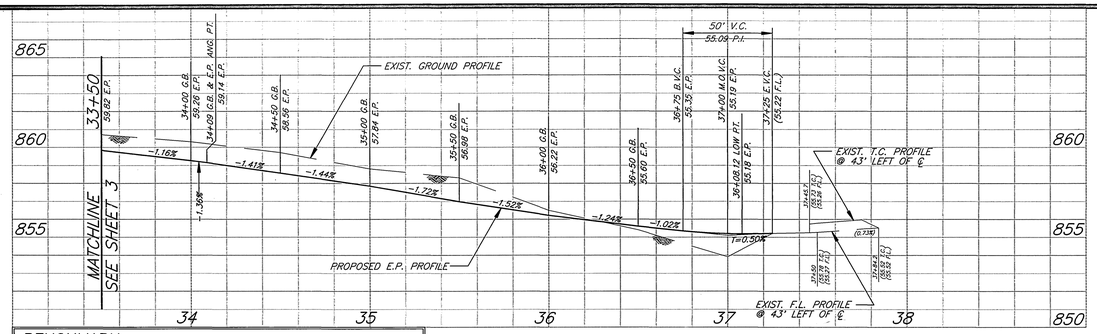
ACCT. NO. 432-541500-440302-30036

R-3390

SHEET 2 OF 8

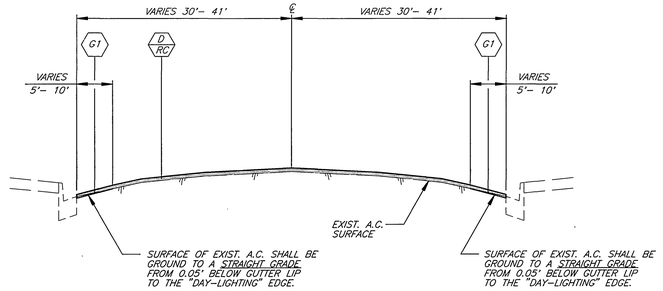
FILE NO.

INSP 9-14-95 CH



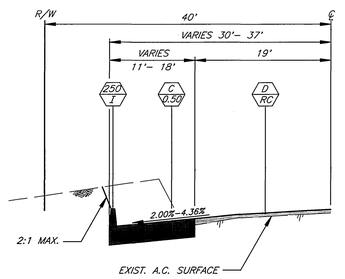
BENCHMARK

P.K. NAIL AND CITY ENGR. TAG IN E'LY CURB OF ADAMS ST. N'LY CATCH BASIN WING, 100' ± S'LY OF THE S'LY A.T.& S.F. R.R. TRACKS
ELEV. – 855.307



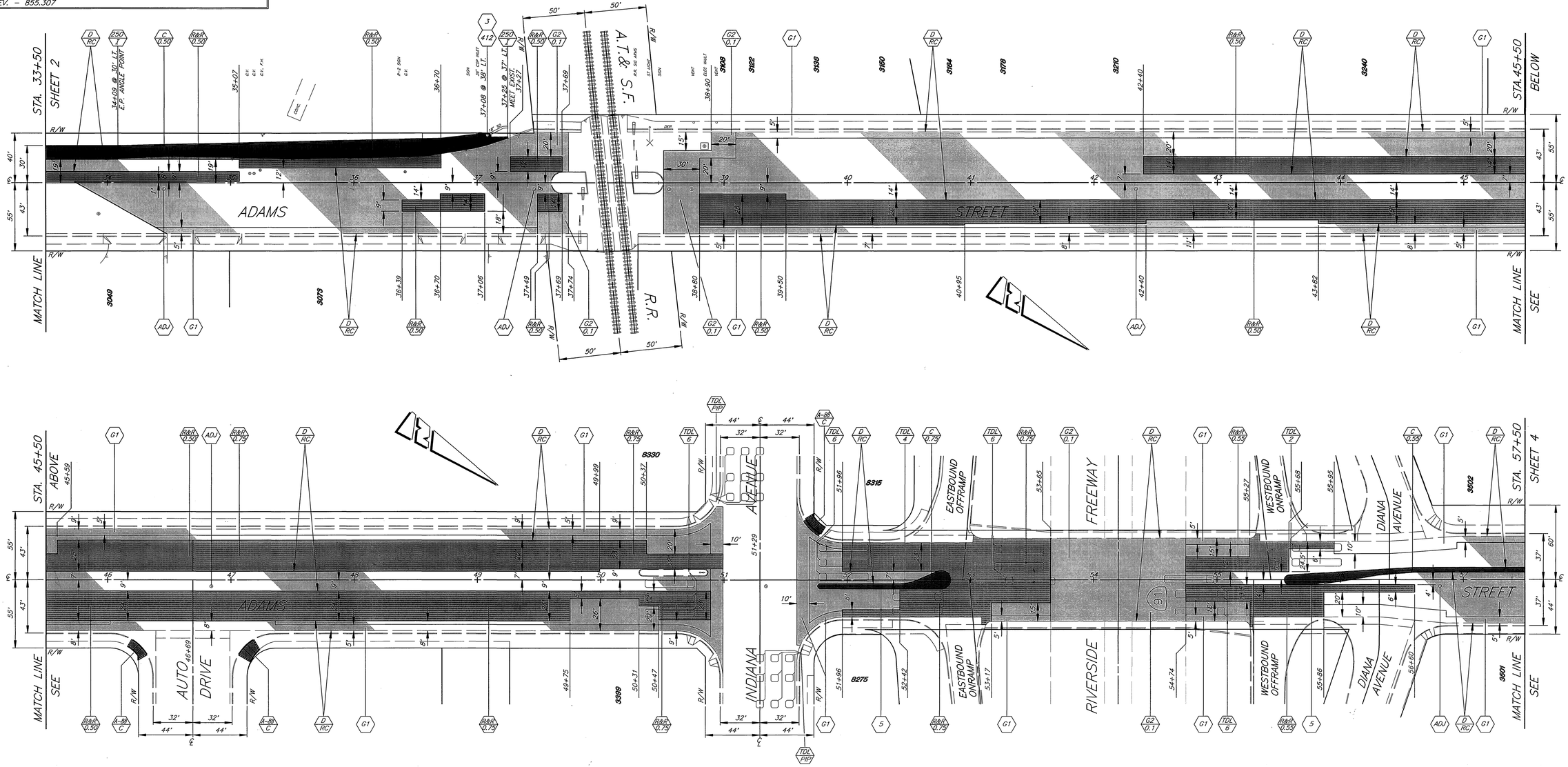
TYPICAL SECTION ADAMS STREET

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



TYPICAL SECTION ADAMS STREET

STA. 31+17 TO STA. 36+70
SCALE: HORIZ. 1"= 10'
VERT. 1"= 2'



CONSTRUCTION NOTES

(3) TRIM EXIST. 18" C.S.P. AND CONNECT C.S.P. INLET PER STD. 412

(5) REMOVE EXIST. MEDIAN

REGISTERED PROFESSIONAL ENGINEER RONALD C. MOSER No. 29810 Expires 3/31/99 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY R.G. FANN DRAWN BY CURT DANNY CHECKED BY RCM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		
PRINCIPAL ENGINEER		
CHIEF P.W. INSPECTOR		
STREET SERVICES		
SURVEYOR		
TRAFFIC DIVISION		
PARKS DEPARTMENT		

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/16/95

REHABILITATION OF ARTERIAL STREET
STP LN–5058–(028) 94–95

ADAMS STREET
VICTORIA AVE TO CALIFORNIA AVE

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 432–541500–440302–30036

R–3390

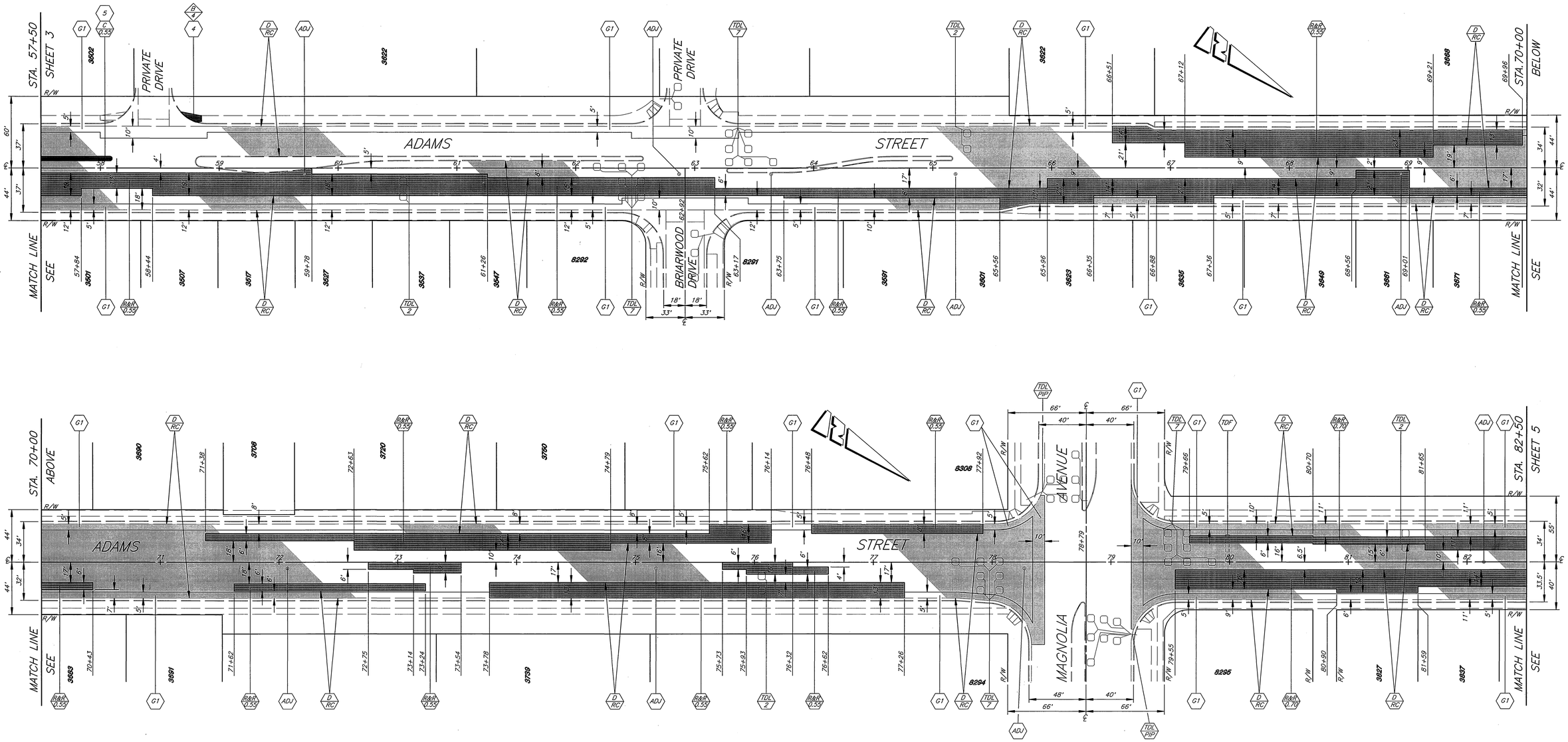
SHEET 3 OF 8

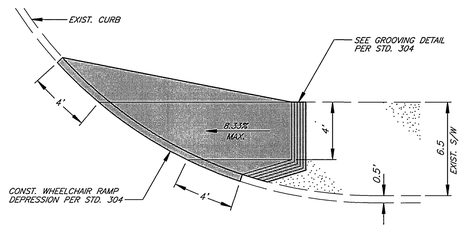
INDEXED 9-14-95 GH

CONSTRUCTION NOTES

4 CONSTRUCT DIRECTIONAL WHEELCHAIR RAMP PER DETAIL B-4.

5 REMOVE EXIST. MEDIAN





B/4 DIRECTIONAL WHEELCHAIR RAMP DETAIL

SCALE: 1" = 5'

MARK	REVISIONS	APPR.	DATE

DESIGNED BY R.G. FANN DRAWN BY CURT DANNY CHECKED BY RCM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	RGL	5/17/95
PRINCIPAL ENGINEER	[illegible]	5/16/95
CHIEF P.W. INSPECTOR	RZC	5/15/95
STREET SERVICES		
SURVEYOR	MMSD	5-15-95
TRAFFIC DIVISION	[illegible]	5/16/95
PARKS DEPARTMENT		

APPROVED BY [signature]
PUBLIC WORKS DIRECTOR
DATE 5/16/95

REHABILITATION OF ARTERIAL STREET
STP LN-5058-(028) 94-95

ADAMS STREET
VICTORIA AVE TO CALIFORNIA AVE

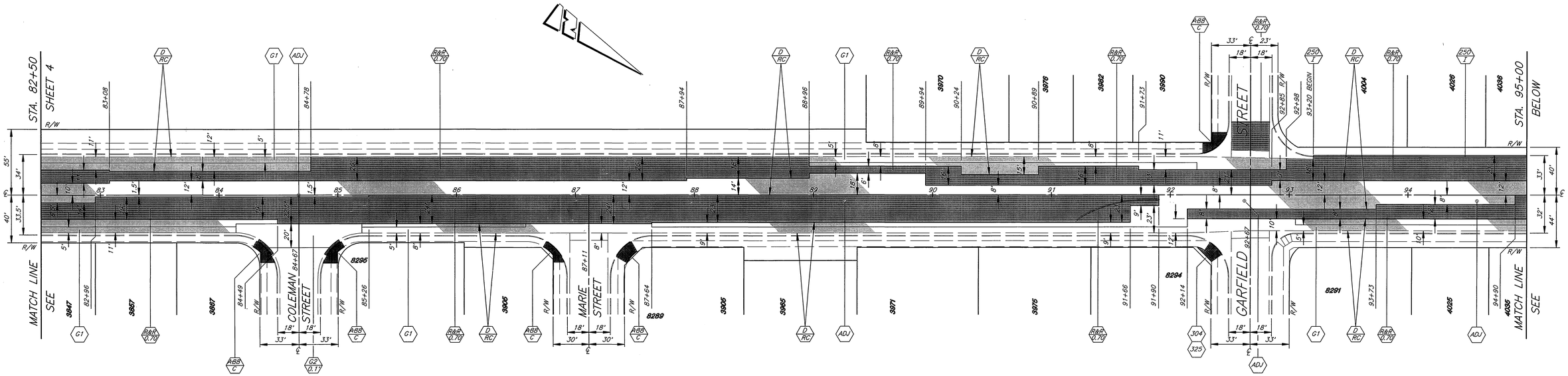
HORIZ. SCALE: 1" = 40'

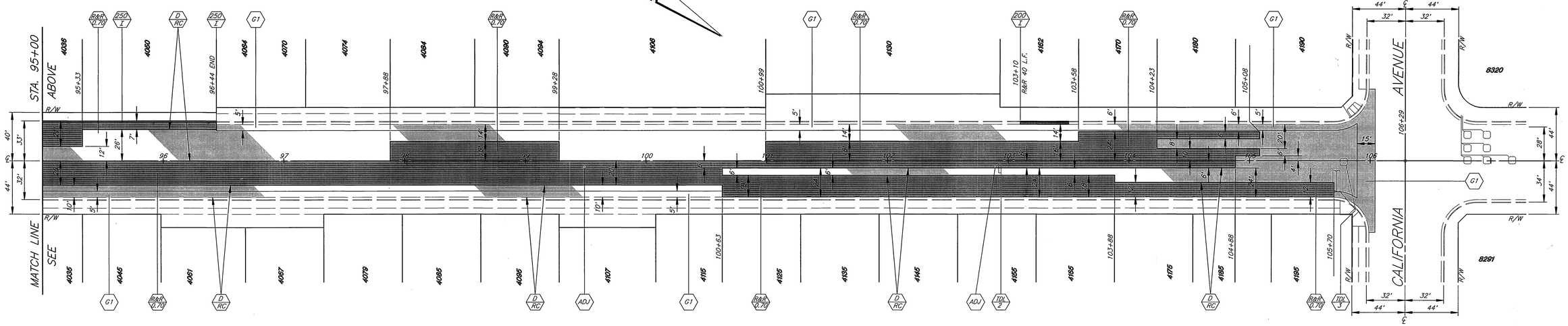
ACCT. NO. 432-541500-440302-30086

R-3390

SHEET 4 OF 8

INDEXED 9-14-95 [illegible]





REGISTERED PROFESSIONAL ENGINEER
RONALD C. MILLER
No. 29810
Exp. Date: 3/31/97
CIVIL
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY R.C. FANN DRAWN BY CURT/DANNY CHECKED BY RCM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	[illegible]	5/10/95
PRINCIPAL ENGINEER	[illegible]	5/8/95
CHIEF P.W. INSPECTOR	DEC	5/15/95
STREET SERVICES		
SURVEYOR	[illegible]	5/9/95
TRAFFIC DIVISION	[illegible]	5/16/95
PARKS DEPARTMENT		

APPROVED BY [illegible]
PUBLIC WORKS DIRECTOR
DATE 5/16/95

REHABILITATION OF ARTERIAL STREETS
STP LN-5058-(028) 94-95

ADAMS STREET
VICTORIA AVE TO CALIFORNIA AVE

HORIZ. SCALE: 1" = 40'

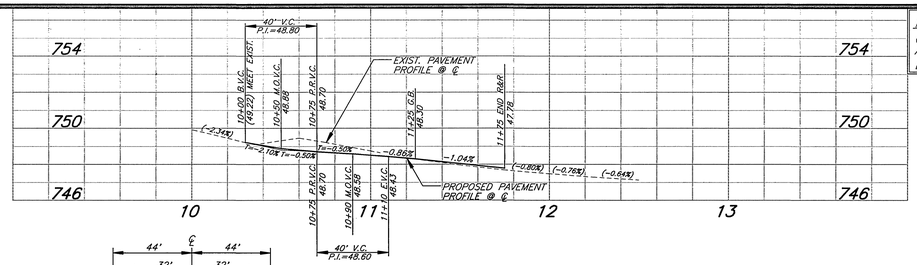
ACCT. NO. 432-541500-440302-30036

R-3390

SHEET 5 OF 8

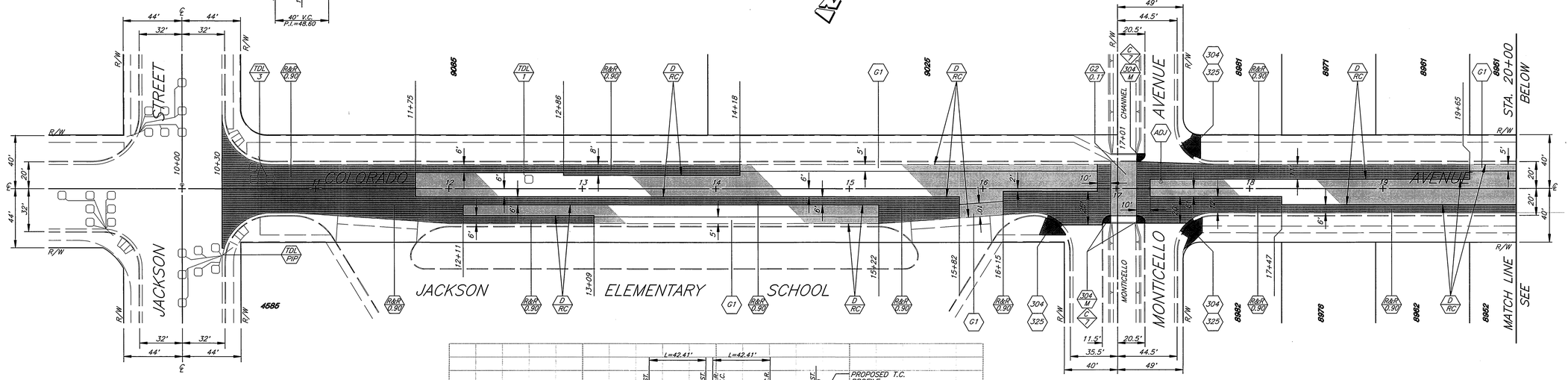
FILE NO.

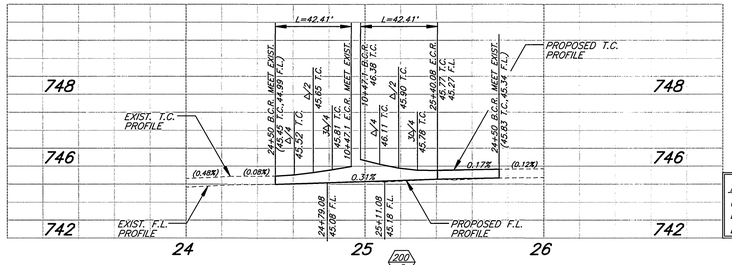
INDEXED 9-14-95 GH



BENCHMARK

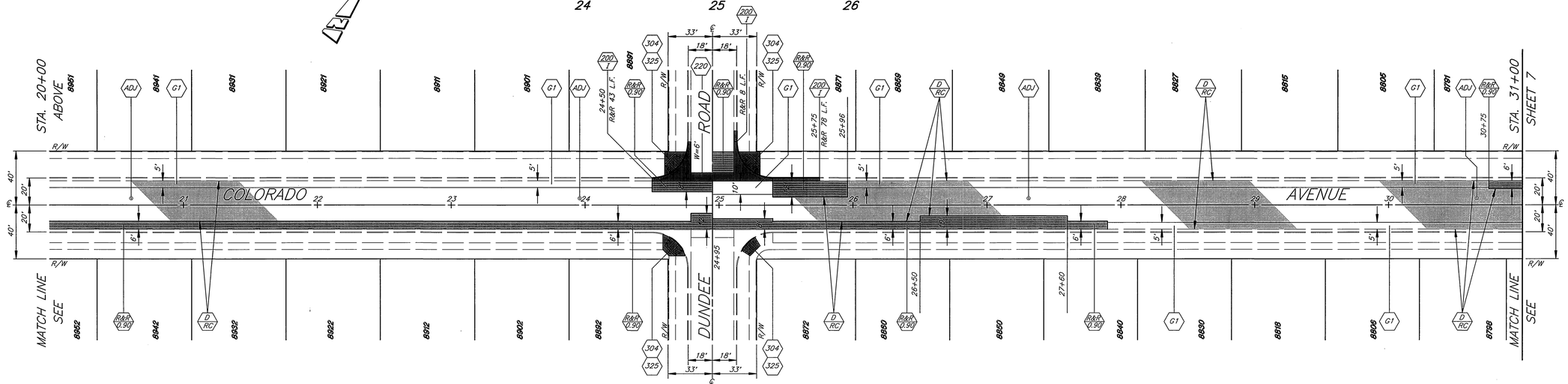
G4–J P.K. NAIL AND CITY ENGR. TAG IN S'LY CURB OF COLORADO AVE. AT B.C.R. S'LY CURB RETURN OF JACKSON ST.
ELEV. – 749.591





BENCHMARK

G4–K P.K. NAIL AND CITY ENGR. TAG IN CONC. BASE OF STREET LIGHT AT THE MOST N'LY CORNER OF COLORADO AVE. AT DUNDEE RD.
ELEV. – 745.785



QUANTITIES FOR COLORADO AVENUE

ITEM	QUANTITY	ITEM	QUANTITY	ITEM	QUANTITY	ITEM	QUANTITY
EXCAVATION (A.C. & BASE)	901 C.Y.	TWO WAY BLUE REFLECTIVE HYDRANT MARKER	8 EA.	~~ALTERNATE I~~ ⚠	~~QUANTITY~~	PAVEMENT PREPARATION	
COLD MILLING–TYPE I (5' WIDE)	2,828 L.F.			DENSE GRADED ASPHALT CONCRETE	924 TONS	A.C. REMOVAL (INSPECTION)	170 C.Y.
COLD MILLING–TYPE I (10' WIDE)	78 L.F.	REMOVE AND REPLACE CURB AND GUTTER, STD. 200, TYPE I	358 L.F.	ASPHALT RUBBER S.A.T.	8,060 S.Y.	A.C. REPLACEMENT (INSPECTION)	335 TONS
COLD MILLING–TYPE II	1,370 S.F			TACK COAT	403 GAL.		
CRACK FILLING	5,010 L.F.	REMOVE AND REPLACE CROSS GUTTER AND SPANDREL, STD. 220	1,300 S.F.				
CRACK REPAIR	450 L.F.			ALTERNATE II			
DETECTOR LOOP INSTALLATION	4 EA.	P.C.C. SIDEWALK, STD. 325	785 S.F.	ASPHALT RUBBER HOT MIX–GG	924 TONS		
ADJUST S.D. & SEWER MANHOLE	6 EA.	WHEELCHAIR RAMP	13 EA.	TACK COAT	570 GAL.		
REPLACE VALVE BOX & COVER	5 EA.	A.C. REPLACEMENT (PLAN)	1,775 TONS				
ADJUST WATER VALVE FRAME & COVER	16 EA.						

REGISTERED PROFESSIONAL ENGINEER
RONALD C. MUSSELMAN
No. C 29510
Expires: 3/31/99
CIVIL
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE
⚠	DELETE ALTERNATE I.	RCM	6/6/95

DESIGNED BY R.G. FANN DRAWN BY CURT CHECKED BY RCM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		5/11/95
PRINCIPAL ENGINEER		5/16/95
CHIEF P.W. INSPECTOR		5/15/95
STREET SERVICES		
SURVEYOR		5.15.95
TRAFFIC DIVISION		5/16/95
PARKS DEPARTMENT		

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/16/95

REHABILITATION OF ARTERIAL STREETS
STP LN-5058-(028) 94-95

COLORADO AVENUE
JACKSON ST. TO MONROE AVE.

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 432-541540-440302-30036

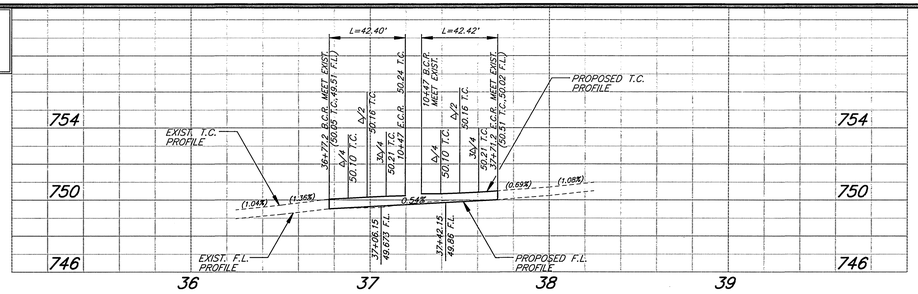
R-3390

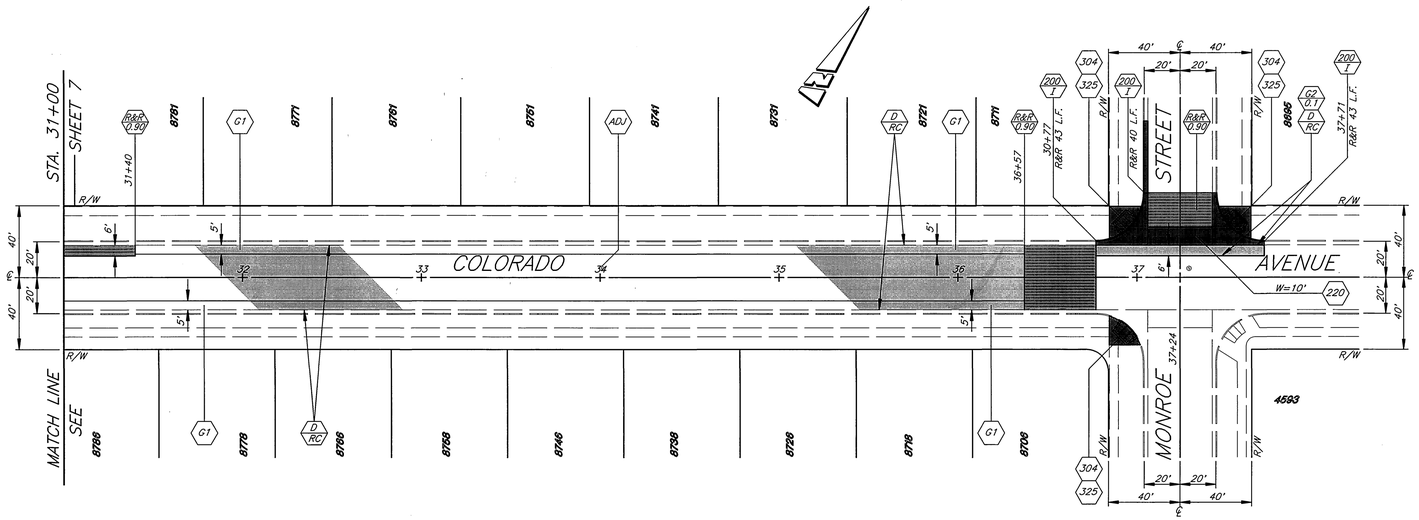
SHEET 6 OF 8

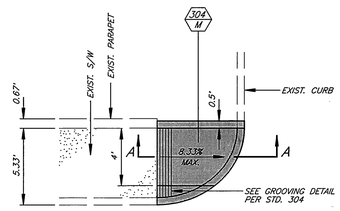
INDEXED 9-14-95 GH

BENCHMARK

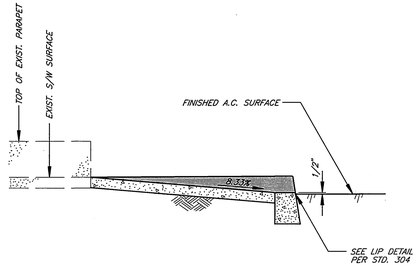
G4-C P.K. NAIL AND CITY ENGR. TAG IN M.O.C. OF NW'LY CURB RETURN AT THE CORNER OF COLORADO AVE. AT DUNDEE RD.
ELEV. – 750.075



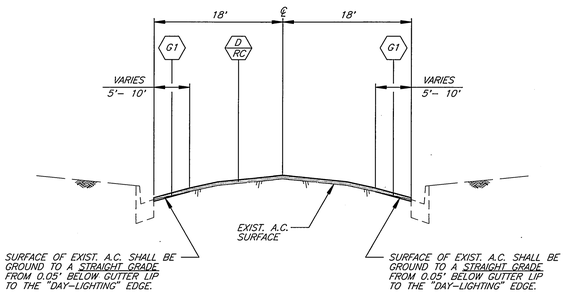




C/7 MODIFIED WHEELCHAIR RAMP DETAIL
SCALE: 1"= 5'



SECTION A–A
SCALE: 1"= 2'



TYPICAL SECTION COLORADO AVENUE
SCALE: HORIZ. 1"= 10'
VERT. 1"= 2'

REGISTERED PROFESSIONAL ENGINEER RONALD C. MOELLER No. 29510 Expires 3/31/99 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY R.G. FANN DRAWN BY CURT CHECKED BY RCM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR		5/10/95
PRINCIPAL ENGINEER		5/16/95
CHIEF P.W. INSPECTOR		5/15/95
STREET SERVICES		
SURVEYOR		5-15-95
TRAFFIC DIVISION		5/16/95
PARKS DEPARTMENT		

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/16/95

REHABILITATION OF ARTERIAL STREETS
STP LN-5058-(028) 94-95

COLORADO AVENUE
JACKSON ST. TO MONROE AVE.

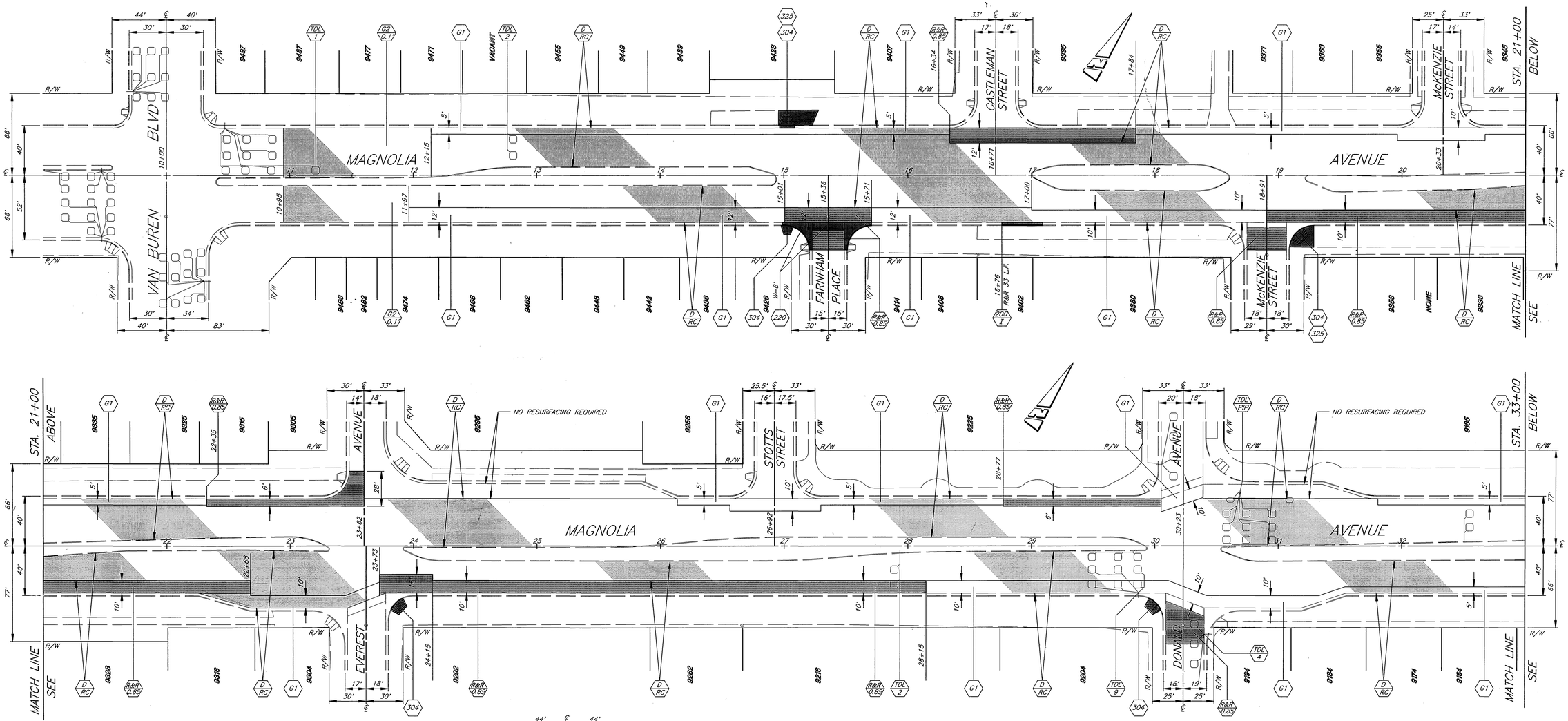
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCT. NO. 432-541540-440302-30036

R-3390

SHEET 7 OF 8

INDEXED 9-14-95 GH



TYPICAL SECTION MAGNOLIA AVENUE

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

QUANTITIES FOR MAGNOLIA AVENUE

ITEM	QUANTITY	ITEM	QUANTITY
EXCAVATION (A.C. & BASE)	620 C.Y.	A.C. REPLACEMENT (PLAN)	1,240 TONS
COLD MILLING–TYPE I (5' WIDE)	1,850 L.F.		
COLD MILLING–TYPE I (10' WIDE)	876 L.F.	~~ALTERNATE I~~ ⚠	
COLD MILLING–TYPE I (12' WIDE)	433 L.F.	~~DENSE GRADED ASPHALT CONCRETE~~	~~1,560 TONS~~
COLD MILLING–TYPE II	7,860 S.F.	~~ASPHALT RUBBER S.A.C.~~	~~16,800 S.Y.~~
CRACK FILLING	10,220 L.F.	~~TACK COAT~~	~~840 GAL.~~
CRACK REPAIR	500 L.F.		
DETECTOR LOOP INSTALLATION	33 EA.	ALTERNATE II	
REPLACE VALVE BOX & COVER	5 EA.	ASPHALT RUBBER HOT MIX–GG	1,560 TONS
ADJUST WATER VALVE FRAME AND COVER	20 EA.	TACK COAT	963 GAL.
TWO WAY BLUE REFLECTIVE HYDRANT MARKER	15 EA.	PAVEMENT PREPARATION	
REMOVE AND REPLACE CURB AND GUTTER, STD. 200, TYPE I	145 L.F.	A.C. REMOVAL (INSPECTION)	420 C.Y.
		A.C. REPLACEMENT (INSPECTION)	850 TONS
REMOVE AND REPLACE CROSS GUTTER AND SPANDREL, STD. 220	380 S.F.		
P.C.C. SIDEWALK, STD. 325	440 S.F.		
WHEELCHAIR RAMP	5 EA.		

MARK	REVISIONS	APPR.	DATE
⚠ 1	DELETE ALTERNATE I.	RGM	6/6/95

DESIGNED BY R.G. FANN DRAWN BY CURT/DANNY CHECKED BY RGM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	RGM	5/19/95
PRINCIPAL ENGINEER	[illegible]	5/15/95
CHIEF P.W. INSPECTOR	[illegible]	5/15/95
STREET SERVICES		
SURVEYOR	MMD	5-15-95
TRAFFIC DIVISION	[illegible]	5/16/95
PARKS DEPARTMENT		

APPROVED BY [signature] "PUBLIC WORKS DIRECTOR"
DATE 5/16/95

REHABILITATION OF ARTERIAL STREETS
STP LN-5058-(028) 94-95
MAGNOLIA AVENUE
VAN BUREN BLVD TO JACKSON ST.
HORIZ. SCALE: 1" = 40'

ACCT. NO. 432-541500-440302-30036
R-3390
SHEET 8 OF 8
FILE NO.

REGISTERED PROFESSIONAL ENGINEER
RONALD C. MILLER
No. 29510
Expires: 3/31/99
CIVIL
STATE OF CALIFORNIA

INDEXED 9-14-95 GH