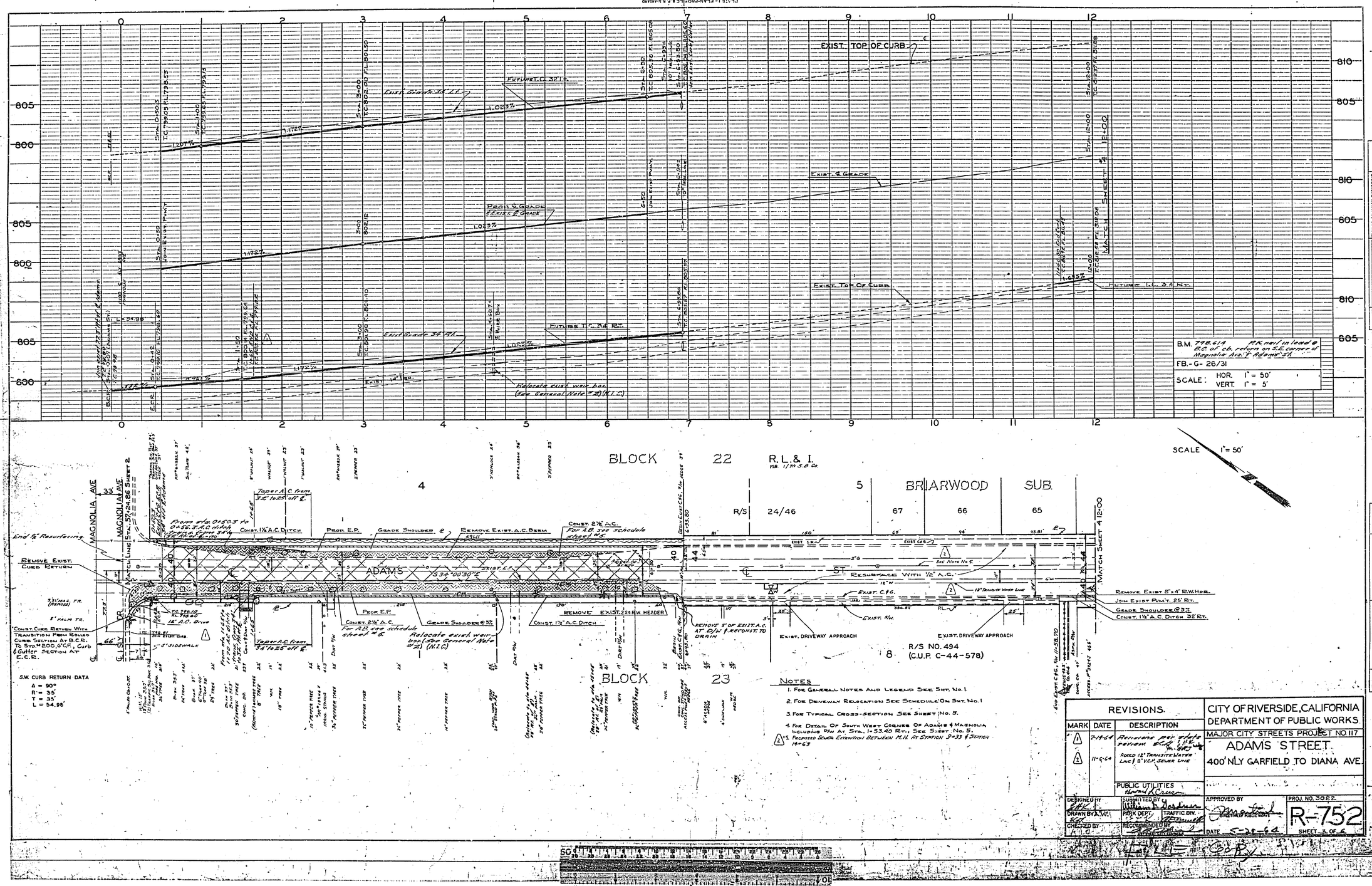


NOTES

1. For General Notes And Legend See Sht. No. 1
2. For Driveway Relocation See Schedule On Sht. No. 1
3. For Typical Cross-Section See Sheet No. 5.
4. For Detail Of South West Corner Of Adams & Magnolia Including D/W At Sta. 1+53.40 Rt., See Sheet No. 5.
5. Proposed Sewer Extention Between M.H. At Station 9+33 & Station 14+63

REVISIONS.		
MARK	DATE	DESCRIPTION
1	7-14-64	Revisions per state review.
2	11-6-64	Added 12" Transite Water Line & 8" V.C.P. Sewer Line

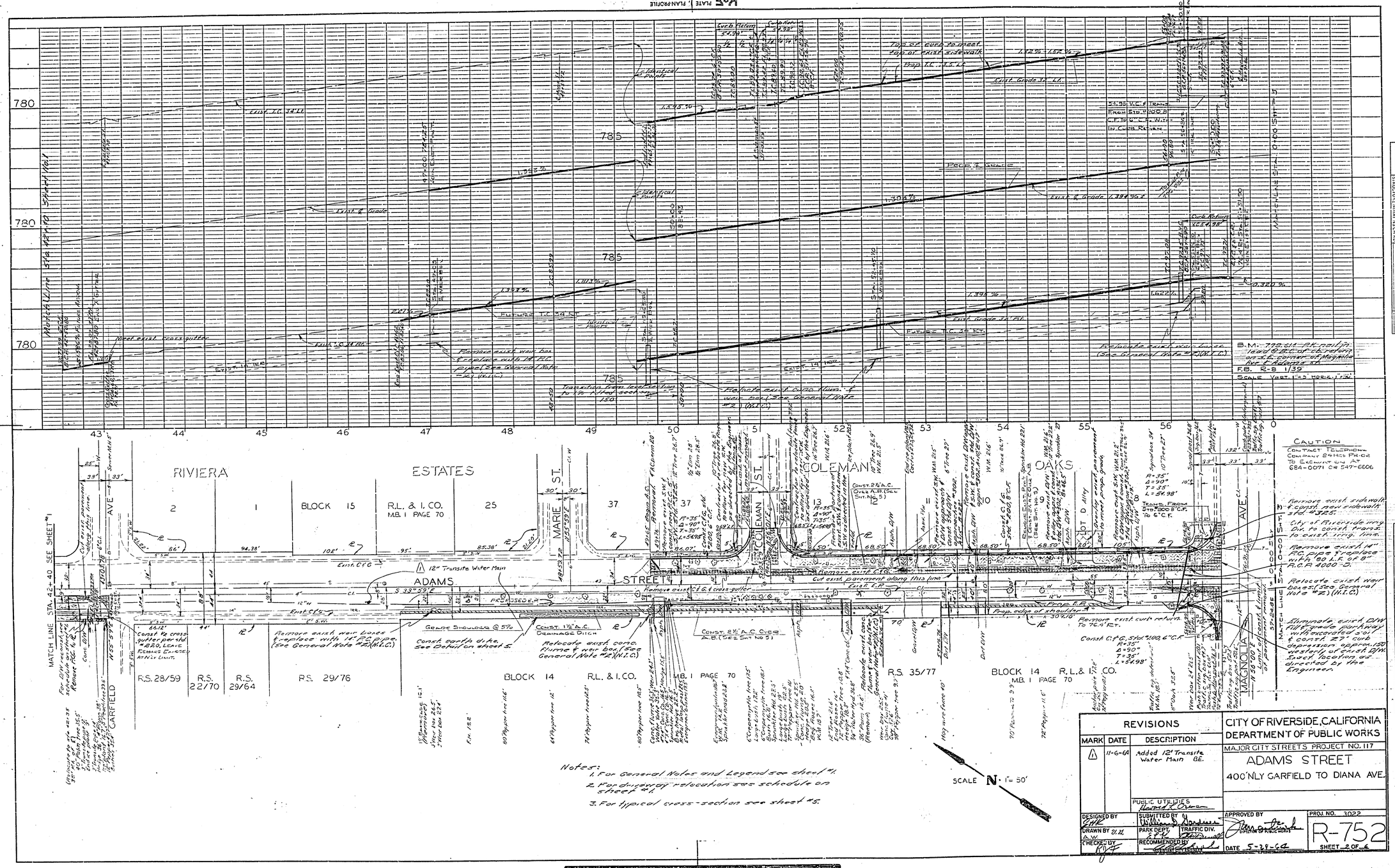
PUBLIC UTILITIES

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
MAJOR CITY STREETS PROJECT NO. 117
ADAMS STREET
400' N'LY GARFIELD TO DIANA AVE.

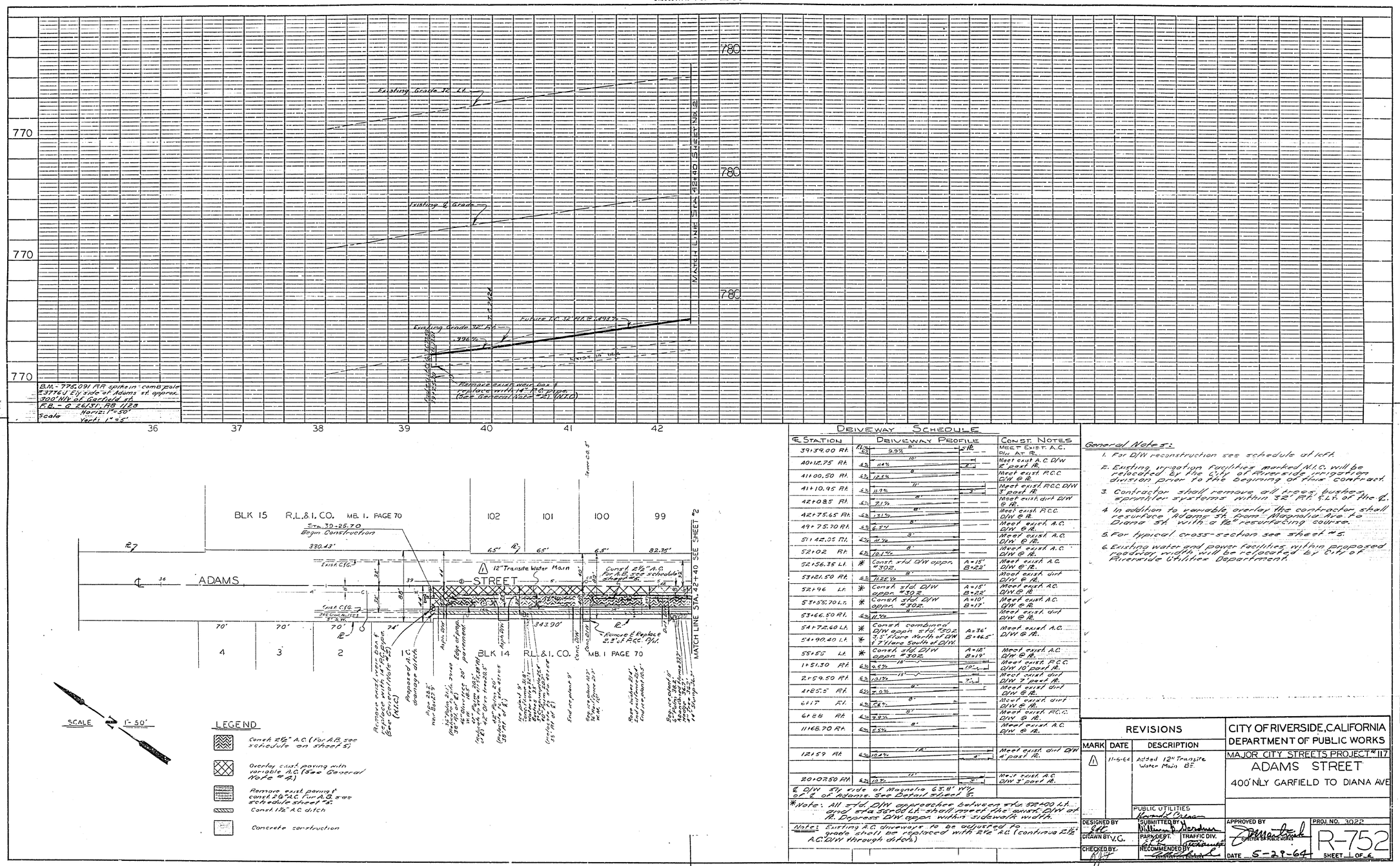
DESIGNED BY
DRAWN BY
CHECKED BY
SUBMITTED BY
PARK DEPT.
TRAFFIC DIV.
RECOMMENDED BY
APPROVED BY
DATE 5-28-64
PROJ. NO. 3022
R-752
SHEET 3 OF 6

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
R.M.'S NOTED
STRUCTURE NOTATIONS CHKD.
BY
DATE

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
CT. OF WAY CHECKED
BY
DATE


PROFILE
PLAN
ADAMS STREET
RIVIERA ESTATES
COLEMAN OAKS
MARIE ST.
COLEMAN ST.
MAGNOLIA AVE.
GARFIELD AVE.
BLOCK 15
BLOCK 14
R.L. & I. CO.
M.B. 1 PAGE 70
R.S. 28/59
R.S. 22/70
R.S. 29/64
R.S. 29/76
R.S. 35/77
MATCH LINE STA. 42+40 SEE SHEET #1
12" Transite Water Main
Remove exist. sidewalk & const. new sidewalk std. #3225.
City of Riverside img. Div. to const. transf. to exist. img. line.
Remove exist. 14" P.C. pipe & replace with 90 L.F. of 8" P.C.P. 4000-D.
Relocate exist. water box (See General Note #2)(N.I.C.)
Eliminate exist. D/W fill & grade parkway with excavated soil & const. 2" curb depression approx. 150' westerly of exist. D/W. Exact location as directed by the Engineer.
Remove exist. curb return to 76.4' Rt.
Const. C.&G. Std. #400, 6" C.F.
Relocate exist. water box (See General Note #2)(N.I.C.)
Remove exist. water box & replace with 14" P.C. pipe. (See General Note #2)(N.I.C.)
Const. earth dike. See Detail on sheet 5.
Relocate exist. conc. flume & water box (See General Note #2)(N.I.C.)
Remove exist. curb & gutter
Remove exist. C.I.G.
Cut exist. pavement along this line
Prop. F.P.
Prop. edge of shoulder
Grade Shoulders @ 5%
Const. 1½" A.C. Drainage Ditch
Const. 2½" A.C. Over A.B. (See Cut No. 5)
Const. 2½" A.C. Over A.B. (See Cut No. 10)
Exist. C.I.G.
Exist. Grade
Exist. Grade 3% Rt.
Exist. Grade 3% Lt.
Future T.C. 34 Rt.
Future T.C. 34 Lt.
Top of curb to meet top of exist. sidewalk
Prop. T.C. 34.5' Lt.
Curb Return 34.98'
Curb Return 42.98'
Curb Return 42.98'
Curb Return 42.98'
Curb Return 42.98'
Identical Points
Transition from levels to top of filled section
Relocate exist. water box & replace with 14" P.C. pipe (See General Note #2)(N.I.C.)
Relocate exist. water line (See General Note #2)(N.I.C.)
B.M. - 778.21 - P.K. nail in lead plug at corner of Magnolia Ave. & Adams St.
F.B. R-8 1/39
SCALE Vert. 1"=5' Horz. 1"=50'
CAUTION
CONTACT TELEPHONE COMPANY 24 HRS PRIOR TO BLG. MOVE ON AT 684-0071 OR 547-6606
SCALE N. 1"=50'
Notes:
1. For General Notes and Legend see sheet #1.
2. For driveway relocation see schedule on sheet #4.
3. For typical cross-section see sheet #5.
REVISIONS
MARK DATE DESCRIPTION
1 11-6-64 Added 12" Transite Water Main G.E.
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
MAJOR CITY STREETS PROJECT NO. 117
ADAMS STREET
400' N'LY GARFIELD TO DIANA AVE.
PUBLIC UTILITIES
DESIGNED BY
DRAWN BY
CHECKED BY
SUBMITTED BY
PARK DEPT.
TRAFFIC DIV.
RECOMMENDED BY
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-28-64
PROJ. NO. 3022
R-752
SHEET 2 OF 6

K&E PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.
46 7024 HERCULENE® 50 SPECIAL PLAN 3 PLANS



Driveway Schedule

℄ Station	Driveway Profile	Const. Notes
39+39.00 Rt.	Flow ℄ 9.9%	Meet exist. A.C. D/W at ℄.
40+12.75 Rt.	11.4% 10'	Meet exist A.C. D/W 2' past ℄.
41+00.50 Rt.	12.5% 8'	Meet exist. P.C.C. D/W @ ℄.
41+10.95 Rt.	11.9% 11' 3'	Meet exist. P.C.C. D/W 3' past ℄.
42+08.5 Rt.	7.1% 8'	Meet exist. dirt D/W @ ℄.
42+75.65 Rt.	13.1% 8'	Meet exist. P.C.C. D/W @ ℄.
49+75.70 Rt.	6.3% 8'	Meet exist. A.C. D/W @ ℄.
51+42.05 Rt.	11.7% 8'	Meet exist. A.C. D/W @ ℄.
52+02 Rt.	10.1% 8'	Meet exist. A.C. D/W @ ℄.
52+36.35 Lt.	* Const. std D/W appr. #302.	A=15' B=22' Meet exist. A.C. D/W @ ℄.
53+21.50 Rt.	11.8% 8'	Meet exist. dirt D/W @ ℄.
52+96 Lt.	* Const. std D/W appr. #302.	A=15' B=22' Meet exist. A.C. D/W @ ℄.
53+55.70 Lt.	* Const. std D/W appr. #302.	A=10' B=17' Meet exist. A.C. D/W @ ℄.
53+66.50 Rt.	11.7%	Meet exist. dirt D/W @ ℄.
54+72.60 Lt.	* Const. combined D/W appr. std #302 & 3' Flare North of D/W & 7' Flare South of D/W.	A=36' B=46.5' Meet exist. A.C. D/W @ ℄.
54+90.40 Lt.	*	
55+55 Lt.	* Const. std. D/W appr. #302.	A=10' B=19' Meet exist. A.C. D/W @ ℄.
1+51.30 Rt.	6.5% 18' 10'	Meet exist. P.C.C. D/W 10' past ℄.
2+59.50 Rt.	10.1% 15' 7½'	Meet exist dirt D/W 7' past ℄.
4+85.5 Rt.	7.0% 8'	Meet exist dirt D/W @ ℄.
6+17 Rt.	7.8% 8'	Meet exist. dirt D/W @ ℄.
6+88 Rt.	9.8% 8'	Meet exist. P.C.C. D/W @ ℄.
11+68.70 Rt.	2.5% 8'	Meet exist. A.C. D/W @ ℄.
12+59 Rt.	10.2% 18' 4'	Meet exist. dirt D/W 4' past ℄.
20+07.50 Rt.	10.3% 11' 3'	Meet exist. A.C. D/W 3' past ℄.

℄ D/W slp. side of Magnolia, 63.8' W'ly of ℄ of Adams. See Detail sheet 5.

*Note: All std. D/W approaches between sta. 52+00 Lt. and sta. 53+00 Lt. should meet the exist. D/W at ℄. Depress D/W appr. within sidewalk width.

Note: Existing A.C. driveways to be adjusted to grade shall be replaced with 2½" A.C. (continue 2½" A.C. D/W through ditch)

General Notes:

1. For D/W reconstruction see schedule at left.
2. Existing irrigation facilities marked N.I.C. will be relocated by the City of Riverside irrigation division prior to the begining of this contract.
3. Contractor shall remove all trees, bushes, sprinkler systems within 32' Rt. & Lt. of the ℄.
4. In addition to variable overlay the contractor shall resurface Adams St. from Magnolia Ave. to Diana St. with a 1½" resurfacing course.
5. For typical cross-section see sheet #5.
6. Existing water and power facilities within proposed roadway width will be relocated by City of Riverside Utilities Department.

REVISIONS		
MARK	DATE	DESCRIPTION
1	11-6-64	Add'd 12" Transite Water Main B.E.

PUBLIC UTILITIES
Harold Pease

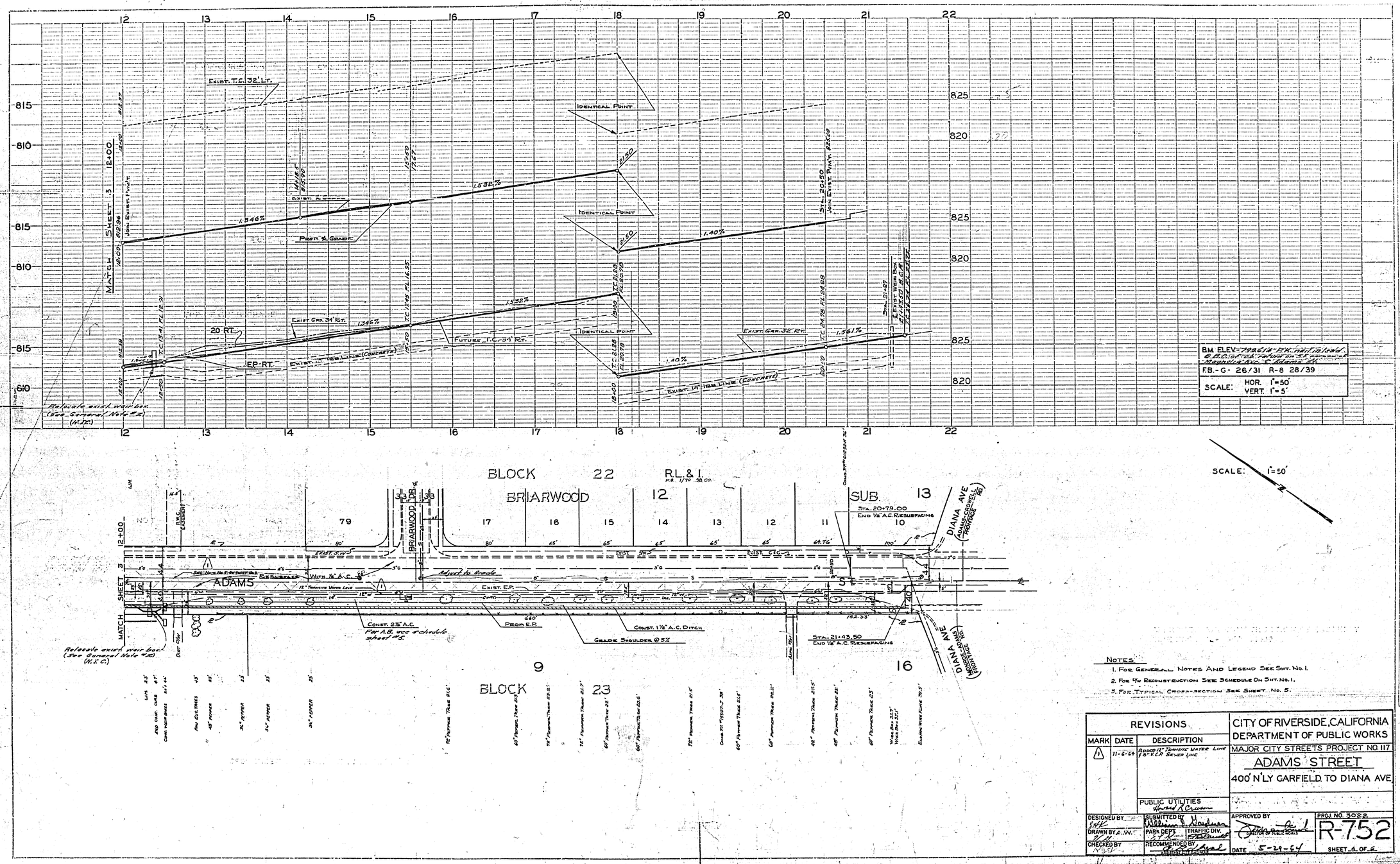
DESIGNED BY GFF
DRAWN BY V.C.
CHECKED BY GFF
SUBMITTED BY William H. Nordness
APPROVED BY TRAFFIC DIV.
RECOMMENDED BY
APPROVED BY Thomas Cloud DIRECTOR OF PUBLIC WORKS
DATE 5-29-64

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
MAJOR CITY STREETS PROJECT #117
ADAMS STREET
400' N'LY GARFIELD TO DIANA AVE
PROJ. NO. 3022
R-752
SHEET 1 OF 6

PROFILE: SURVEY NO. ___ PLOTTED BY ___ POINTS CHECKED ___ B.M. NOTED ___ STRUCTURE DATA INSCRIBED ___ NOTE BOOK ___ NO. ___

PLAN: SURVEYED ___ PLOTTED ___ CHECKED ___ R/W MAP CHECKED ___ NOTE BOOK ___ NO. ___

NO.	DATE	BY



B.M. ELEV. = 792.614 P.K. nail in lowest ⊕ B.C. of ch. return on S.E. corner of Magnolia Ave. & Adams St.

F.B. - G - 26/31 R-8 28/39

SCALE: HOR. 1" = 50' VERT. 1" = 5'

SCALE: 1" = 50'

NOTES:

1. For General Notes And Legend See Sht. No. 1.
2. For ⅓ Reconstruction See Schedule On Sht. No. 1.
3. For Typical Cross-Section See Sheet No. 5.

REVISIONS		
MARK	DATE	DESCRIPTION
1	11-6-64	Added 12" Transite Water Line & 8" V.C.P. Sewer Line

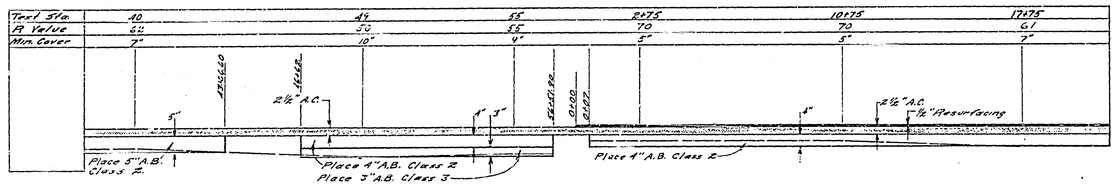
PUBLIC UTILITIES
Harold R. Crum

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

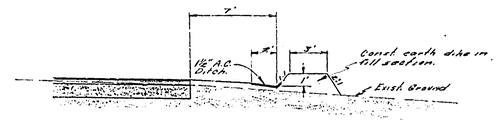
MAJOR CITY STREETS PROJECT NO. 117

ADAMS STREET
400' N'LY GARFIELD TO DIANA AVE.

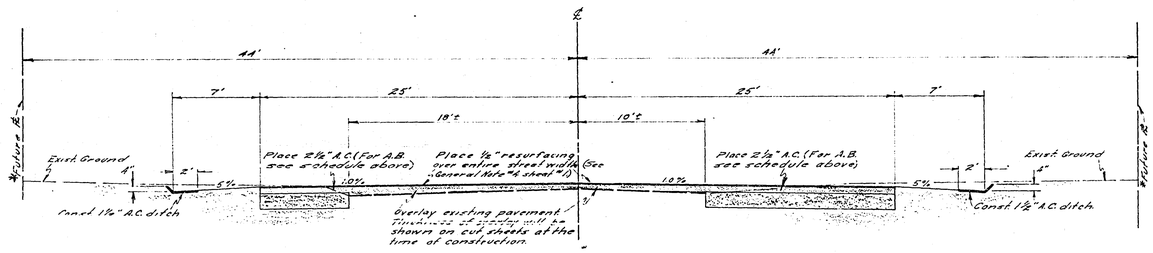
DESIGNED BY	SUBMITTED BY	APPROVED BY	PROJ. NO. 3088
DRAWN BY	PARK DEPT. / TRAFFIC DIV.	DIRECTOR OF PUBLIC WORKS	R-752
CHECKED BY	RECOMMENDED BY	DATE 5-29-64	SHEET 4 OF 6



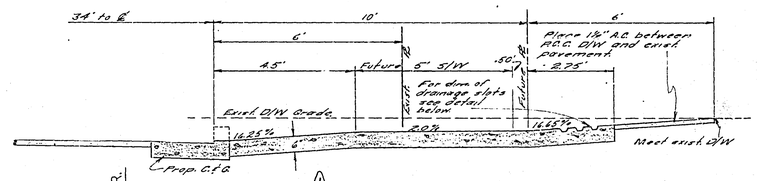
AGGREGATE BASE SCHEDULE
NO SCALE
T. I. = 7



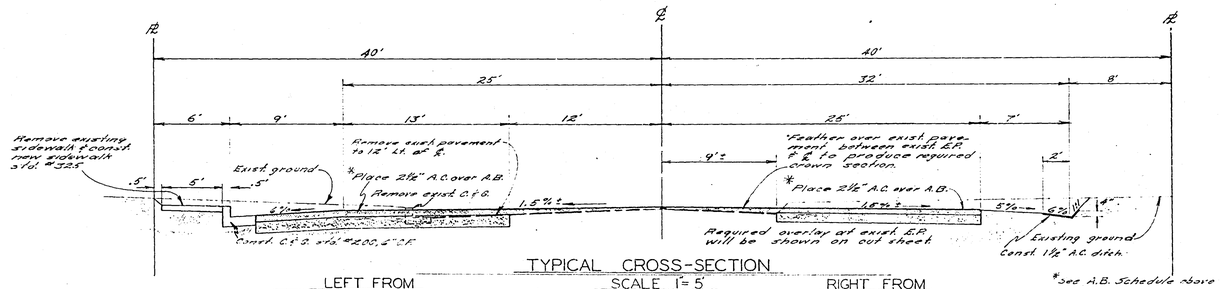
DETAIL OF EARTH DIKE IN FILL SECTION
STA. 48+25± TO STA. 49+65±
STA. 17+25± TO STA. 17+75±
SCALE 1"=5'



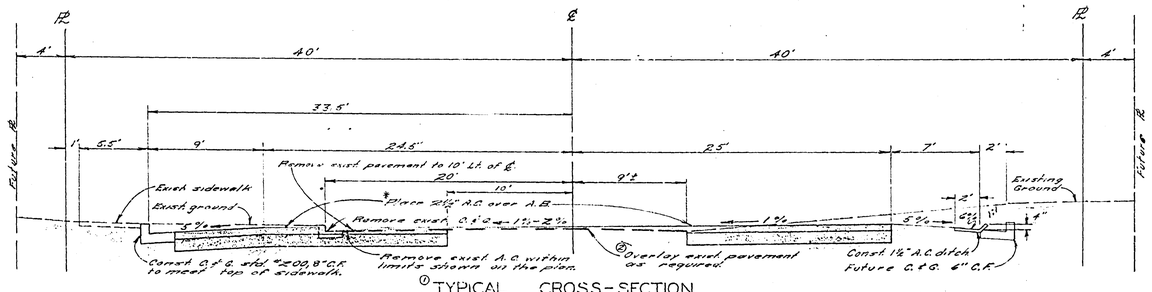
TYPICAL CROSS-SECTION
STA. 0+00 TO STA. 6+94 LEFT
STA. 0+00 TO STA. 20+50 RIGHT
SCALE 1"=5'
*For location of existing ℄ see plan view.



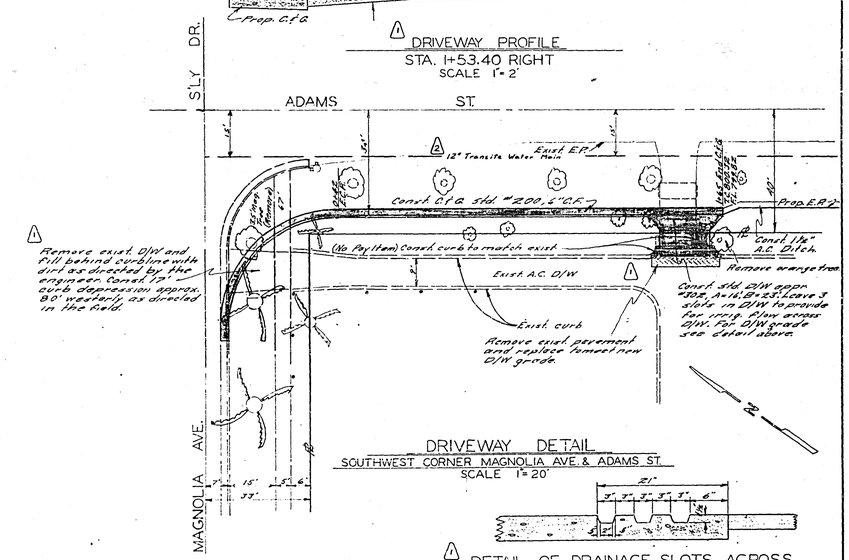
1 DRIVEWAY PROFILE
STA. 1+53.40 RIGHT
SCALE 1"=2'



TYPICAL CROSS-SECTION
SCALE 1"=5'
LEFT FROM STA. 49+65 TO STA. 51+03.59
RIGHT FROM STA. 39+25.70 TO STA. 50+00
*See A.B. Schedule above



1 TYPICAL CROSS-SECTION
SCALE 1"=5'
LEFT FROM STA. 51+03.59 TO STA. 56+51.90
RIGHT FROM STA. 50+00 TO STA. 56+51.90
*See A.B. Schedule above.



DRIVEWAY DETAIL
SOUTHWEST CORNER MAGNOLIA AVE. & ADAMS ST.
SCALE 1"=20'

1 DETAIL OF DRAINAGE SLOTS ACROSS PROPOSED DRIVEWAY
STA. 1+53.40 RIGHT
NO SCALE

Notes:

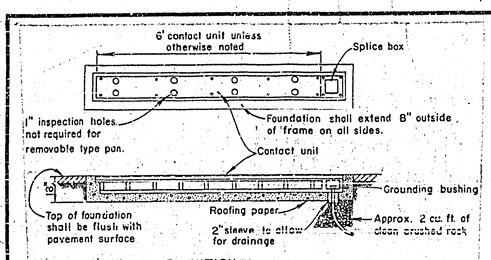
1. Structural cross-section from station 48+50 ℄ to 50+00 ℄ remains the same. Crown section to change from a 1.5% level section to a 1% tilted section.
2. Thickness of overlay is variable and will be shown on cut sheets issued at the time of construction.
3. For General Notes see sheet #1.
4. See General Note #4 sheet #1 for resurfacing.

REVISIONS			
MARK	DATE	DESCRIPTION	
1	7-14-64	Revisions per state review. Std. Dis.	
2	11-6-64	12" Transite Water Main	

DESIGNED BY
DRAWN BY V.G.
CHECKED BY
SUBMITTED BY
PARK DEPT.
TRAFFIC DIV.
RECOMMENDED BY ASSISTANT CITY ENGINEER
APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 5-29-64

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
MAJOR CITY STREETS PROJECT NO. 117
ADAMS STREET
DETAIL SHEET
PROJ. NO. 3022
R-752
SHEET 5 OF 6

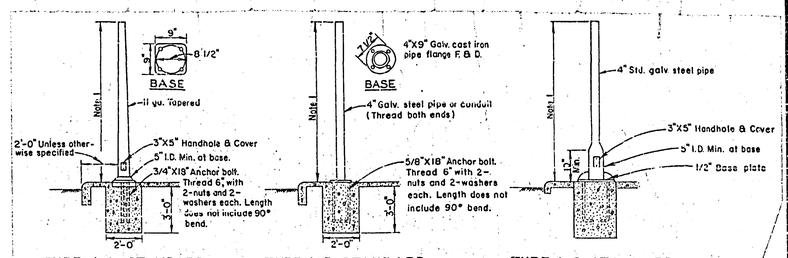
FILE Copy



INSTALLATION NOTES:

1. Detector position dimensions refer to contact unit.
2. Concrete under removable contact unit mounting pan shall be finished flush with top of pan supporting angles.
3. Detector contact unit surface shall be flush with rim of housing or no more than 1/8" higher, if lower, unit shall be raised using one piece, galanized, sheet metal shims with dimensions the same as the bottom surface of the contact unit.
4. Screw threads shall be coated with anti seize compound. All screws shall be tightened securely.
5. Detector frame must be reinforced as shown.

PRESSURE SENSITIVE DETECTOR

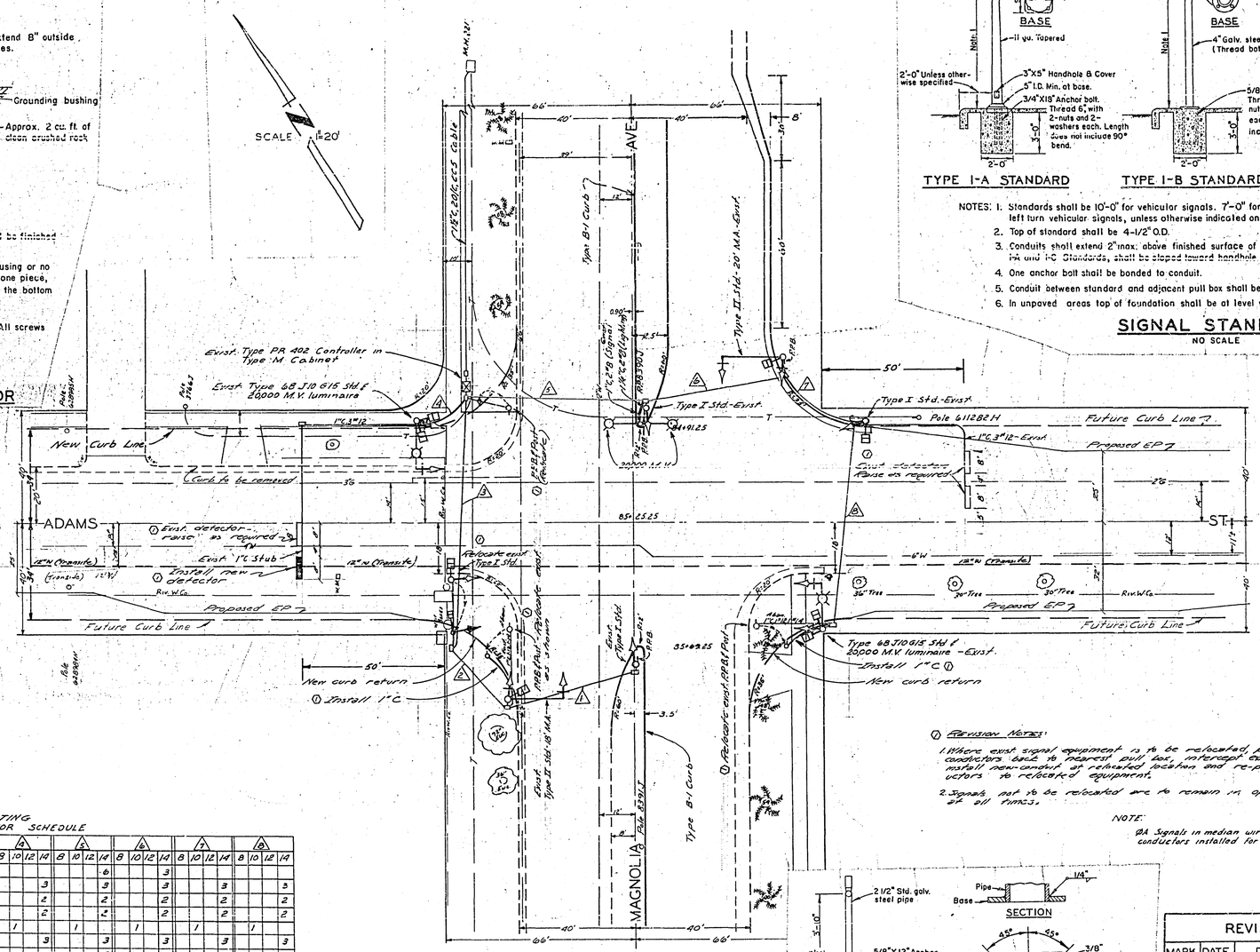


TYPE 1-A STANDARD | TYPE 1-B STANDARD | TYPE 1-C STANDARD (Details not shown same as in Type 1-A)

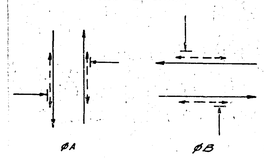
NOTES: 1. Standards shall be 10'-0" for vehicular signals. 7'-0" for pedestrian signals and left turn vehicular signals, unless otherwise indicated on plans.
2. Top of standard shall be 4-1/2" O.D.
3. Conduits shall extend 2" max. above finished surface of foundation and for Types 1-A and 1-C Standards, shall be sloped toward handhole.
4. One anchor bolt shall be bonded to conduit.
5. Conduit between standard and adjacent pull box shall be 2" size minimum.
6. In unpaved areas top of foundation shall be at level with surrounding grade.

SIGNAL STANDARDS

NO SCALE



PHASE DIAGRAM



Flashing Indications: ØA-yellow, ØB-red.

① REVISION NOTES:

1. Where exist. signal equipment is to be relocated, pull exist. conductors back to nearest pull box, intercept exist. or install new conduit at relocated location and re-pull conductors to relocated equipment.
2. Signals not to be relocated are to remain in operation at all times.

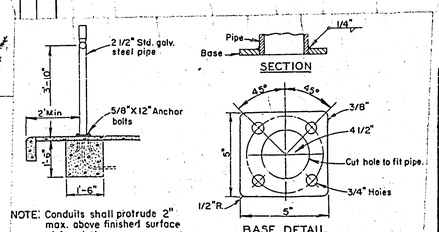
NOTE:

ØA Signals in median wired separate from other ØA signals, conductors installed for future left turn detectors in median.

EXISTING CONDUCTOR SCHEDULE

CONDUCTOR RUN	1			2			3			4			5			6			7			8		
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14	8	10	12	14
ØA				3				6				6				6				3				
ØB												3				3				3				3
ØA W-DW												2				2				2				2
ØB W-DW								2				2				2				2				2
110 V. Neutral			1				1				1				1				1				1	
Spares				3				3				3				3				3				3
ØB PPB.				1				2				2				3				2				1
ØB Det.																2				2				2
12 V. Neutral			1				1				1				1				1				1	
Luminaires													2				2				2			
Signal Service													2											
Future ØA Lt. turn Det.			1				1								1									
TOTAL CONDUCTORS	1	2	7		1	2	13		1	2	13		2	1	3	10	4	1	4	19	2	1	3	15
CONDUIT SIZE	1 1/2"				1 1/2"				2"				2"				2 1/2"				2"			

CONDUCTOR RUN	9				10				11			
CONDUCTORS	8	10	12	14	8	10	12	14	8	10	12	14
ØA												
ØB				3				3				3
ØA W-DW				2				2				2
ØB W-DW				2				2				2
110 V. Neutral			1				1				1	
Spares				3				3				3
ØB PPB.				1				1				1
ØB Det.												
12 V. Neutral			1				1				1	
Luminaires						2						
Signal Service												
Future ØA Lt. turn Det.												
TOTAL CONDUCTORS	2	1	3	11	2	1	1	11				
CONDUIT SIZE	1 1/2"				1 1/2"							



NOTE: Conduits shall protrude 2" max. above finished surface of foundation.

PEDESTRIAN PUSH BUTTON POST

REVISIONS			
MARK	DATE	DESCRIPTION	
	1/11/62	As Built	ADD
①	9/3/64	Rev. New const.	J.C.A.

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

REVISIONS TO TRAFFIC SIGNALS MAGNOLIA AVE. & ADAMS ST.

DESIGNED BY A.D.D.
DRAWN BY A.D.D.
CHECKED BY G.T.O. Dannell 4/1/64
RECOMMENDED BY D.C. Elliot ASSISTANT CITY ENGINEER
APPROVED BY James Faul DIRECTOR OF PUBLIC WORKS
DATE 5-29-64

R-752
SHEET 6 OF 6

MISSION BLUEPRINT CO.