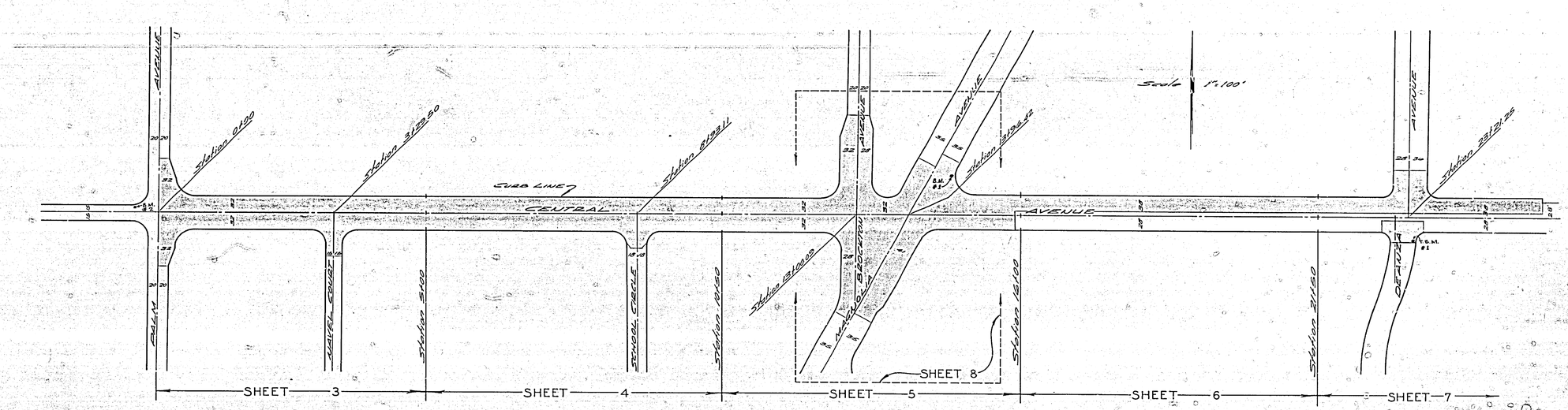
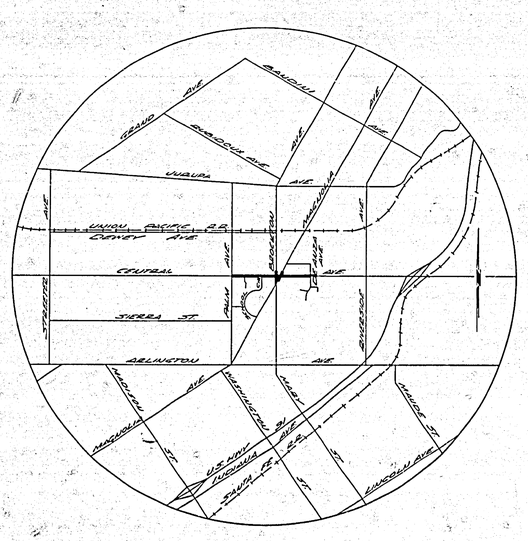
CENTRAL AVENUE WIDENING

DE ANZA AVENUE — PALM AVENUE





VICINITY MAP
Scale: 1" = 2000'

BENCH MARKS

B.M. #1 - ELEV. 826.46
Iron bar in concrete sidewalk on Ely. line of Magnolia, 30' North of original ℄ of Central, F.B. 518/2.

B.M. #2 - ELEV. 817.51
Chiseled (X) in north curb of Central, 5' west of B.C. of N.W. curb return at Palm, F.B. 598/2.

T.B.M. #1 - ELEV. 830.52
Chiseled (X) on top of curb at S.W. corner of De Anza and Central at 5½' end of curb return, F.B. 598/2.

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [signature] DATE 11/22/65
R.E. No. 9874
W.O. 66-69 FOR: CITY OF RIVERSIDE F.B. 598

MARK	REVISIONS	APPR.	DATE
	"AS BUILT"	EHW	8/67
	GENERAL REVISION		

DESIGNED BY ____ DRAWN BY EW CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

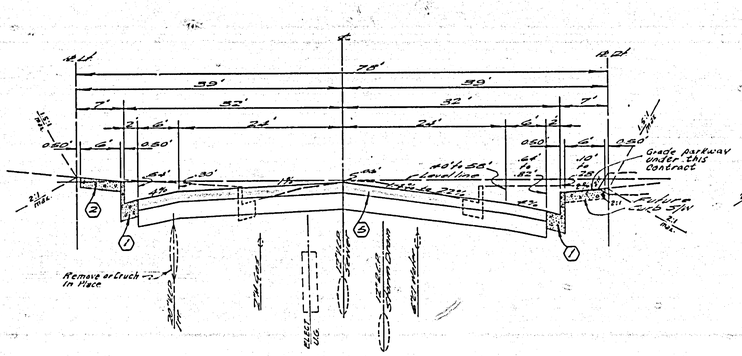
APPROVED BY	BY	DATE
OFFICE ENGINEER	WJB	1-6
PARK DEPARTMENT	WCB	1-6
TRAFFIC DIVISION	[illegible]	1-5
ASSISTANT CITY ENG.	[illegible]	1-6
WATER DIV.	WKC	1-6

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 1-6-66

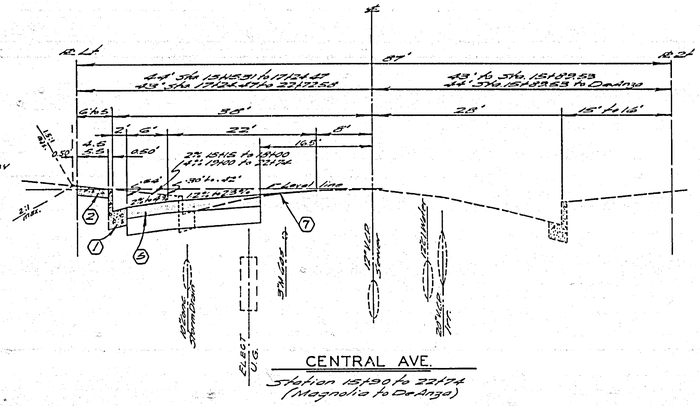
TITLE SHEET

SCALE: AS SHOWN

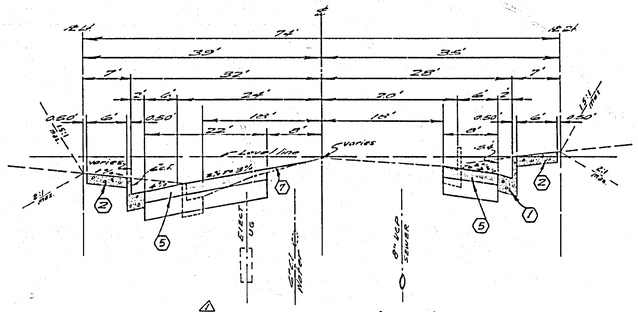
PROJECT NO. SS-252
R-1080
SHEET 1 OF 8
FILE NO. 66-69



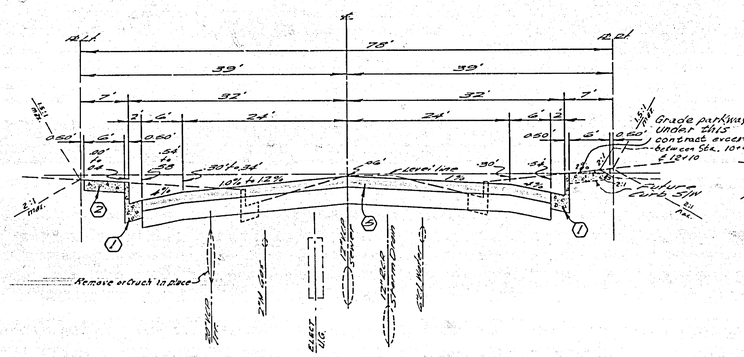
CENTRAL AVE.
Station 0+57 to 10+00



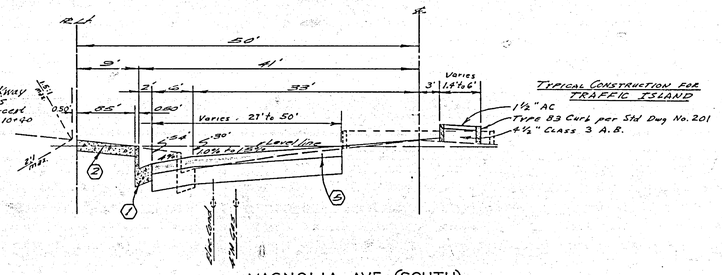
CENTRAL AVE.
Station 18+90 to 22+74
(Magnolia to Orange)



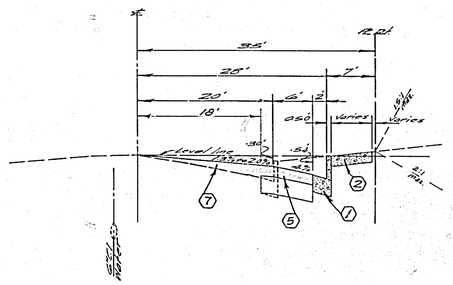
△ BROCKTON AVE. (NORTH)



CENTRAL AVE.
Station 10+50 to 12+37



MAGNOLIA AVE. (SOUTH)
Station 0+30.59 to 1+34



BROCKTON AVE. (SOUTH)

TYPICAL CROSS SECTIONS

QUANTITY ESTIMATE

ITEM		TOTAL	
Curb and Gutter (Incl Apron Curb and Curb Only)	6" c.f.	1,120	L.F.
	8" c.f.	4,320	L.F.
Sidewalk		13,840	S.F.
Driveway Approach		7,660	S.F.
Cross Gutter and Apron		1,130	S.F.
Asphalt Concrete Paving		3,400	T.
Aggregate Base—Class 3		4,975	C.Y.
Excavation		7,315	C.Y.
Catch Basin — 6' Opening		9	EA
	10'	1	EA
R.C.P. — 15" ø		134	L.F.
18" ø		164	L.F.
24" ø		883	L.F.
30" ø		75	L.F.
42" ø		8	L.F.
36" ø		20	L.F.
Tree Removal — Class I 6"-12"		6	EA
Class II 18"-36"		16	EA
Class III 36" and Larger		10	EA
Palm Tree Relocation		5	EA
C.P. — 8" ø		50	LF
Storm Drain Manhole		4	EA

GENERAL NOTES

1. Construction shall be in accordance with the City of Riverside, Department of Public Works, Specifications No 461, Standard Drawings, Special Provisions and these Plans.
2. Existing water and gas services and meters within Construction Area shall be relocated by the owner of the service utility per Section V-B of Special Provisions.
3. Palm trees shall be either removed or prepared for relocation & loaded on City trucks as shown on the plans and as directed in the field.
4. All trees not relocated shall be removed and disposed as directed in the field.
5. All sprinklers shall be cut and capped at the ℄ or as directed in the field.
6. Existing signs within Construction Area shall be removed and protected per Special Provisions and relocated as directed in the field.
7. Driveway approaches shall be located as directed in the field.
8. Sidewalk cross-slope of 2% shall not be varied except as directed in the field.
9. Sidewalks and driveways shall be removed and replaced as shown on plans and as directed in the field.
10. Trim edge of existing pavement to a clean straight line where new paving joins existing pavement and construct butt-up paving as shown. Overlay paving as directed in the field to produce a smooth crown section.
11. Prime coat, and paint binder are required for all paving.

CONSTRUCTION NOTES

1. Construct Curb and Gutter per Standard No 200 (8" curb face, except as shown.)
2. Construct Curb Sidewalk per Standard No 325 with a variable width. Back of sidewalk to be 0.5' from property line. Except as shown on the plans.
3. Construct Driveway Approach per Standard No 302 (7"/10 except as above)
4. Construct Cross Gutter per Standard No 220
5. Construct 4.2" A.C. (= 0.35') over 13.2" Class 3 Aggregate Base (= 1.10')
6. Remove and Replace Sidewalk or Driveway to Match up line back of ℄.
7. Overlay Existing Paving with A.C.
8. Construct 1½" A.C. over 4½" Class 3 Aggregate Base.

NOTICE TO CONTRACTOR

The existence and location of any underground utility pipes or structures shown on these plans are obtained by a search of the available records. To the best of our knowledge, there are no existing utilities except as shown on these plans.

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.

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [signature] DATE 11/23/65
R.E. No. 9676
W.O. 66-69 FOR: CITY OF RIVERSIDE F.B. 638

MARK	REVISIONS	APPR.	DATE
	"AS BUILT"	SWW	8/67
△	8th STREET - BROCKTON AVE. NORTH	EWW	4-24-67
	GENERAL REVISION		

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

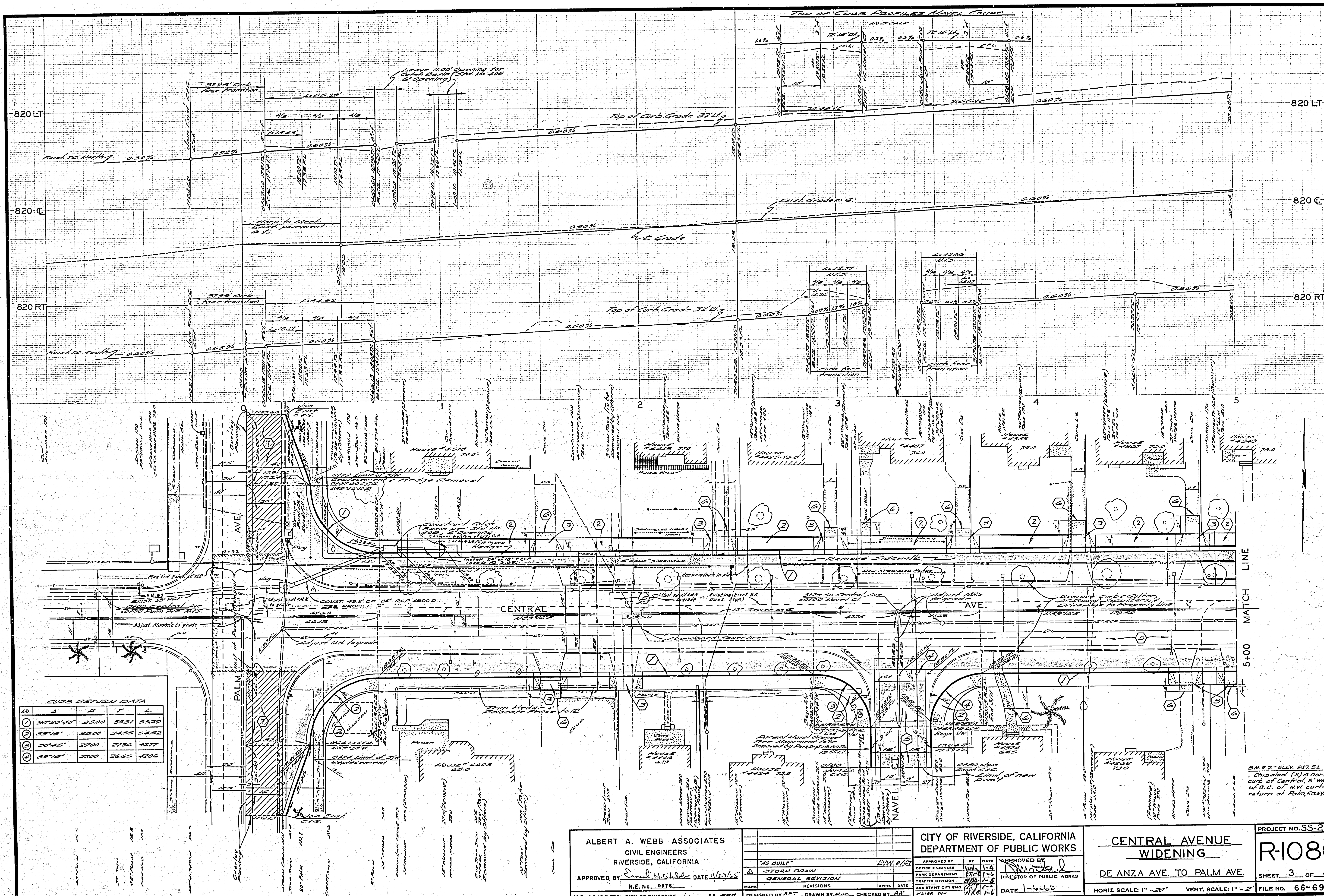
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		1-6
PARK DEPARTMENT		1-6
TRAFFIC DIVISION		1-6
ASSISTANT CITY ENG.		1-6
WATER DIV		1-6

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 1-6-66

TYPICAL SECTIONS & NOTES
CENTRAL AVENUE WIDENING
DE ANZA AVE. TO PALM AVE.
HORIZ. SCALE: 1" = 10' VERT. SCALE: 1" = 2'

PROJECT NO. SS-252
R-1080
SHEET 2 OF 8
FILE NO. 66-69



CURB RETURN DATA

No.	Δ	R	T	L
1	90°30'40"	35.00	35.31	55.29
2	89°15'	35.00	34.55	54.52
3	90°45'	27.00	27.36	42.77
4	89°15'	27.00	26.65	42.06

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY Ernest H. Webb DATE 11/23/65
R.E. No. 9876
W.O. 66-69 FOR: CITY OF RIVERSIDE F.B. 598

MARK	REVISIONS	APPR.	DATE
	"AS BUILT"	ENW	8/67
△	STORM DRAIN		
	GENERAL REVISION		

DESIGNED BY RFT DRAWN BY E.M. CHECKED BY AW

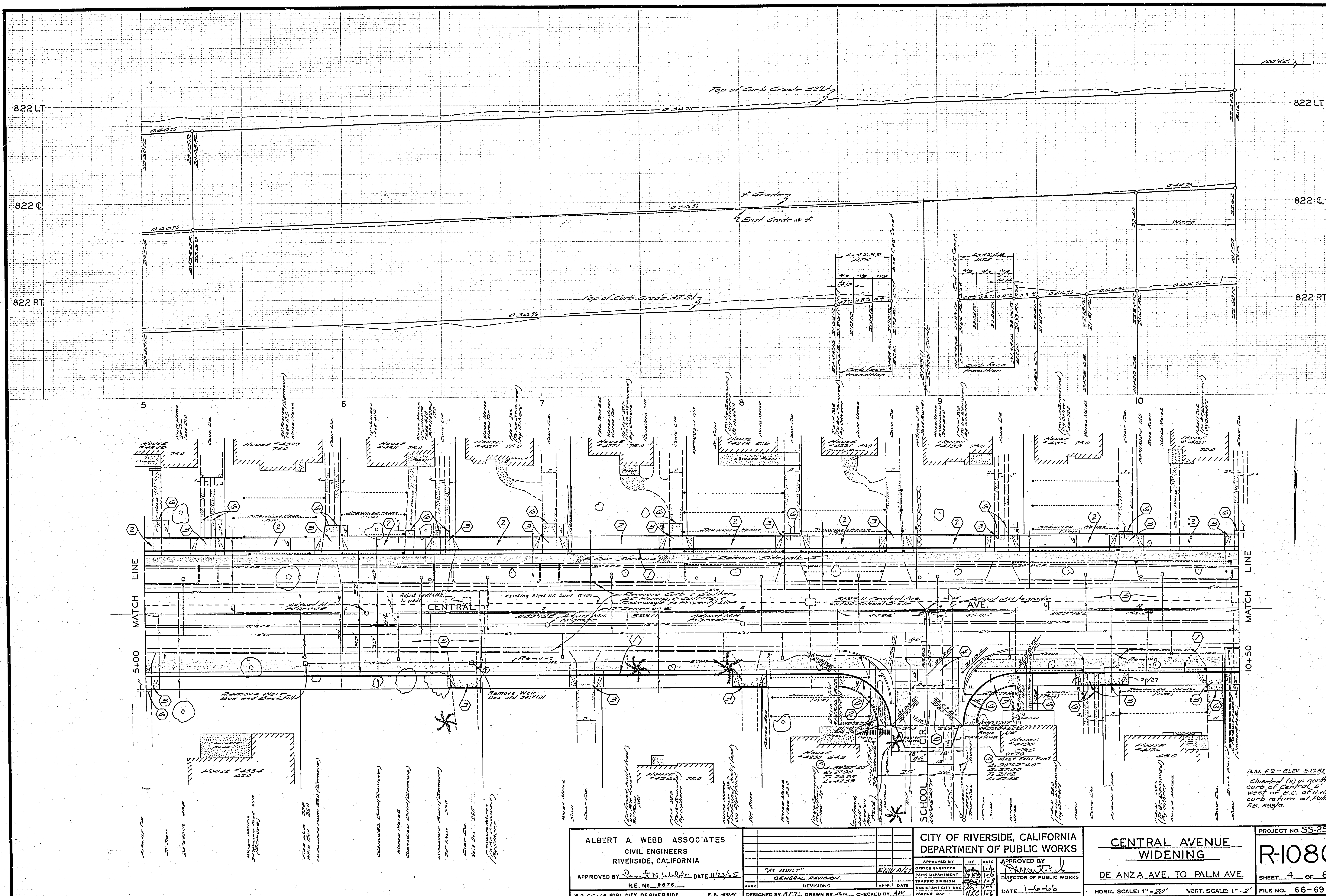
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

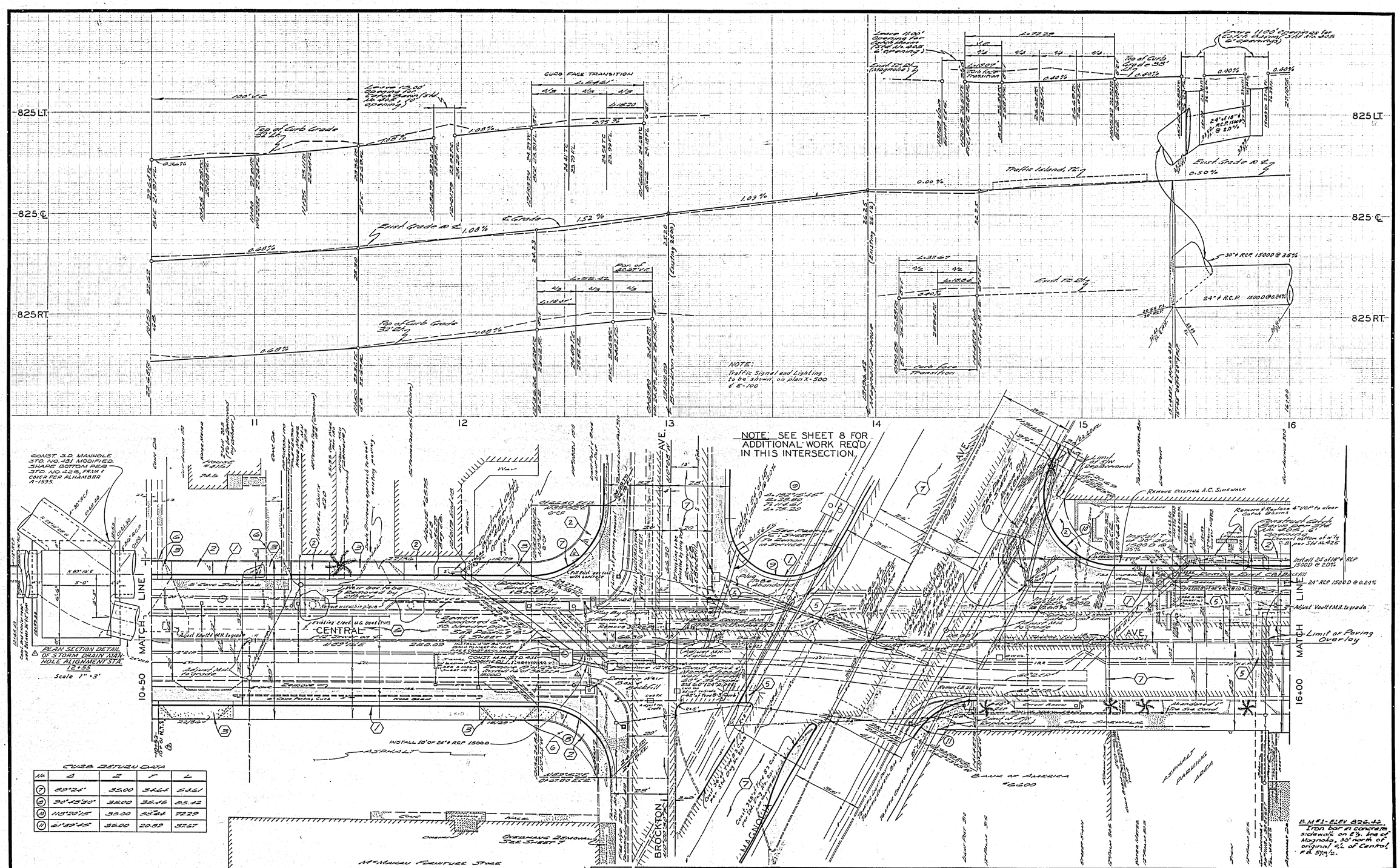
APPROVED BY	BY	DATE
OFFICE ENGINEER		1-4
PARK DEPARTMENT		1-6
TRAFFIC DIVISION		1-6
ASSISTANT CITY ENG.		1-6
WATER DIV	HKE	1-6

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 1-6-66

CENTRAL AVENUE WIDENING
DE ANZA AVE. TO PALM AVE.
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

PROJECT NO. SS-252
R-1080
SHEET 3 OF 8
FILE NO. 66-69


822 LT.
822 ℄
822 RT.
Top of Curb Grade 32' Lt.
Top of Curb Grade 32' Rt.
℄ Grade
Exist. Grade @ ℄
0.60%
0.36%
0.44%
Warp
100 V.C.
Curb face transition
End C&G Const.
School Circle
5
6
7
8
9
10
MATCH LINE
5+00
10+50
CENTRAL
AVE.
SCHOOL CIR.
5' Conc. Sidewalk
Remove Sidewalk
Remove Curb & Gutter, A.C. Paving, X-Gutters, & Driveways to Property Line
12" Sewer on ℄
Existing Elec. U.G. Duct (Typ)
Adjust Vault & M.H. to grade
Adjust M.H. to grade
N89°16'E
Remove Weir Box and Backfill
Sprinkler Heads (Typ)
B.M. #2 - ELEV. 817.51
Chiseled (x) in north curb of Central, 5' west of B.C. of N.W. curb return at Palm, F.B. 598/2.
ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [signature] DATE 11/23/65
R.E. No. 9876
W.O. 66-69 FOR: CITY OF RIVERSIDE F.B. 598
"AS BUILT" ENW 8/67
GENERAL REVISION
MARK REVISIONS APPR. DATE
DESIGNED BY RFT DRAWN BY R.M. CHECKED BY AW
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY BY DATE
OFFICE ENGINEER 1-4
PARK DEPARTMENT 1-6
TRAFFIC DIVISION 1-5
ASSISTANT CITY ENG. 1-6
WATER DIV 1-6
APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 1-6-66
CENTRAL AVENUE WIDENING
DE ANZA AVE. TO PALM AVE.
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
PROJECT NO. SS-252
R-1080
SHEET 4 OF 8
FILE NO. 66-69



CURB RETURN DATA

No.	Δ	R	T	L
7	89°24'	35.00	34.64	54.61
8	90°15'30"	35.00	35.46	55.12
10	118°20'15"	35.00	55.24	72.29
11	61°39'45"	35.00	20.89	37.67

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

APPROVED BY [signature] DATE 11/23/65
R.E. No. 8876

W.O. 66-69 FOR: CITY OF RIVERSIDE F.B. 498

MARK	REVISIONS	APPR.	DATE
	"AS BUILT"	JENN	8/67
3	Change location of D/W approach per Sheet 8	JENN	6-16-67
	requested by Property Management		5-31-67
2	Revise curb return NW cor Brockton & Central		4-13-67
1	STORM DRAIN		4-13-67
	GENERAL REVISION		

DESIGNED BY RFT DRAWN BY [illegible] CHECKED BY AW

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	[illegible]	1-6
PARK DEPARTMENT	[illegible]	1-6
TRAFFIC DIVISION	[illegible]	1-6
ASSISTANT CITY ENG.	[illegible]	1-6
WATER DIV.	[illegible]	1-6

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 1-6-66

CENTRAL AVENUE WIDENING

DE ANZA AVE. TO PALM AVE.

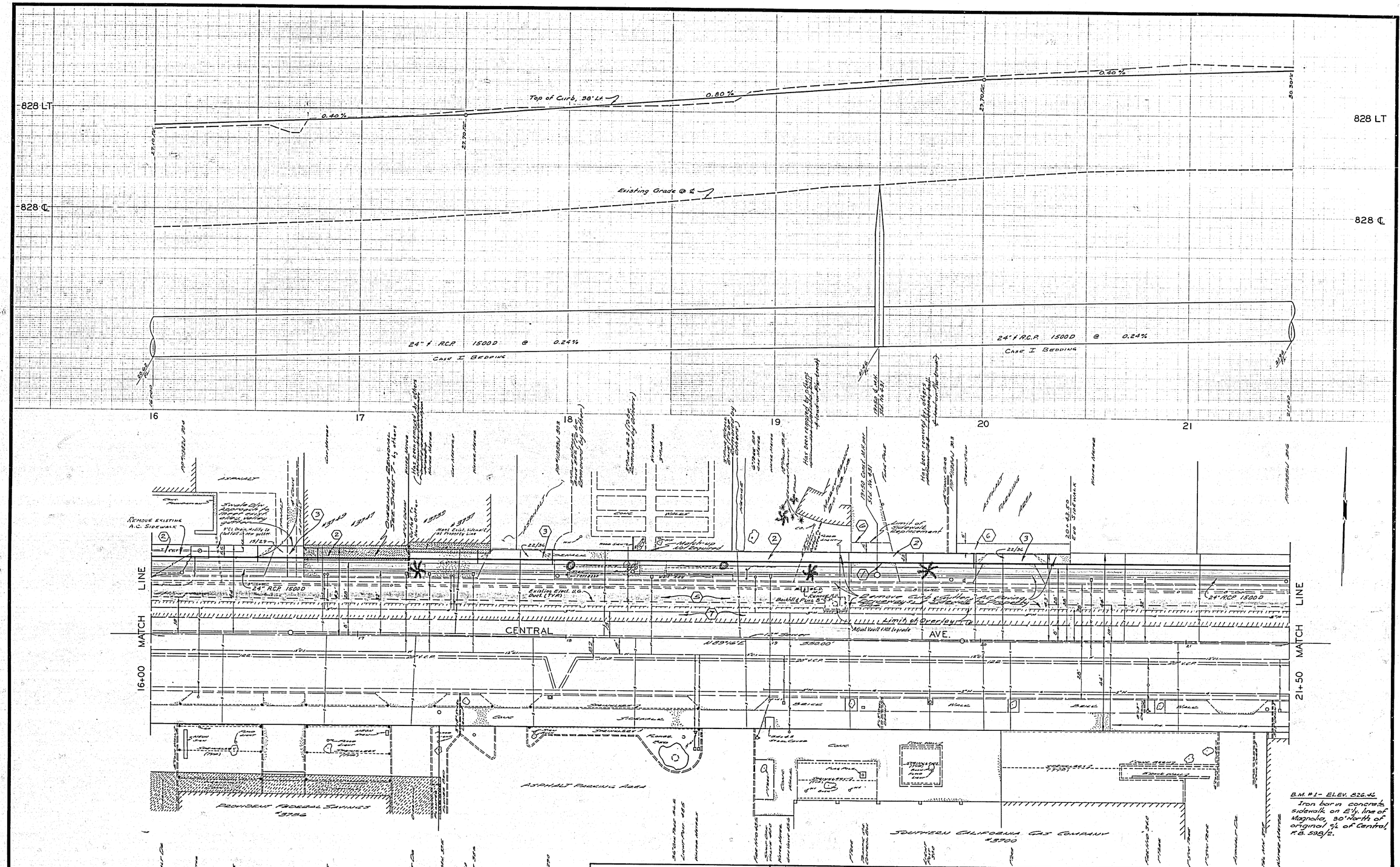
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

PROJECT NO. SS-252

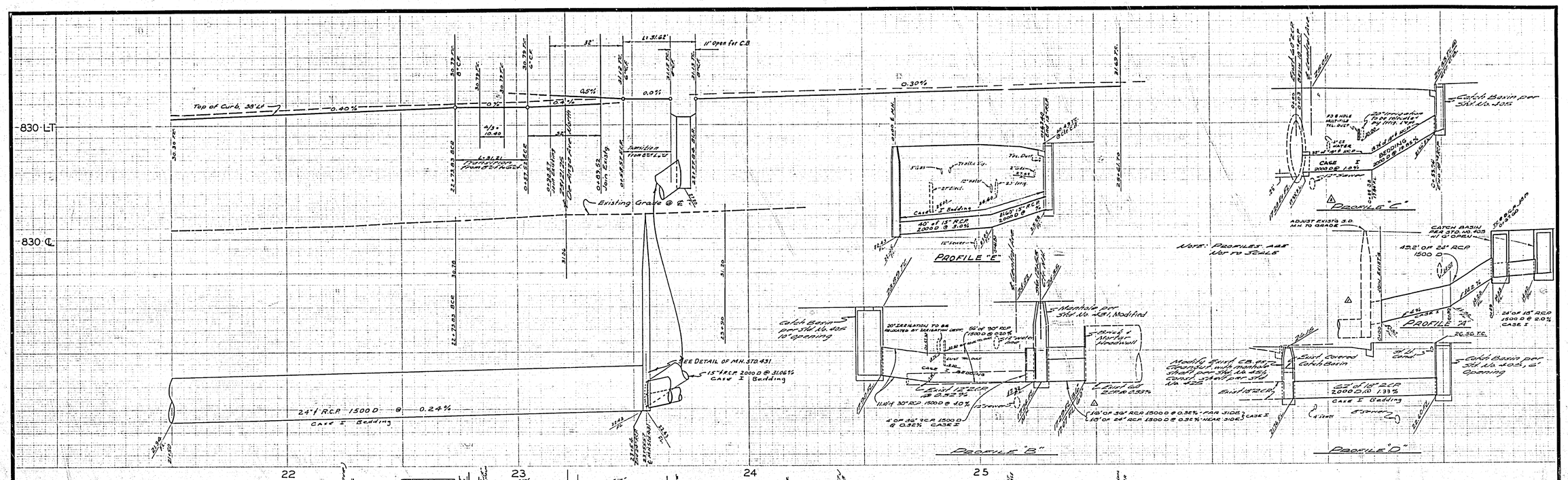
R-1080

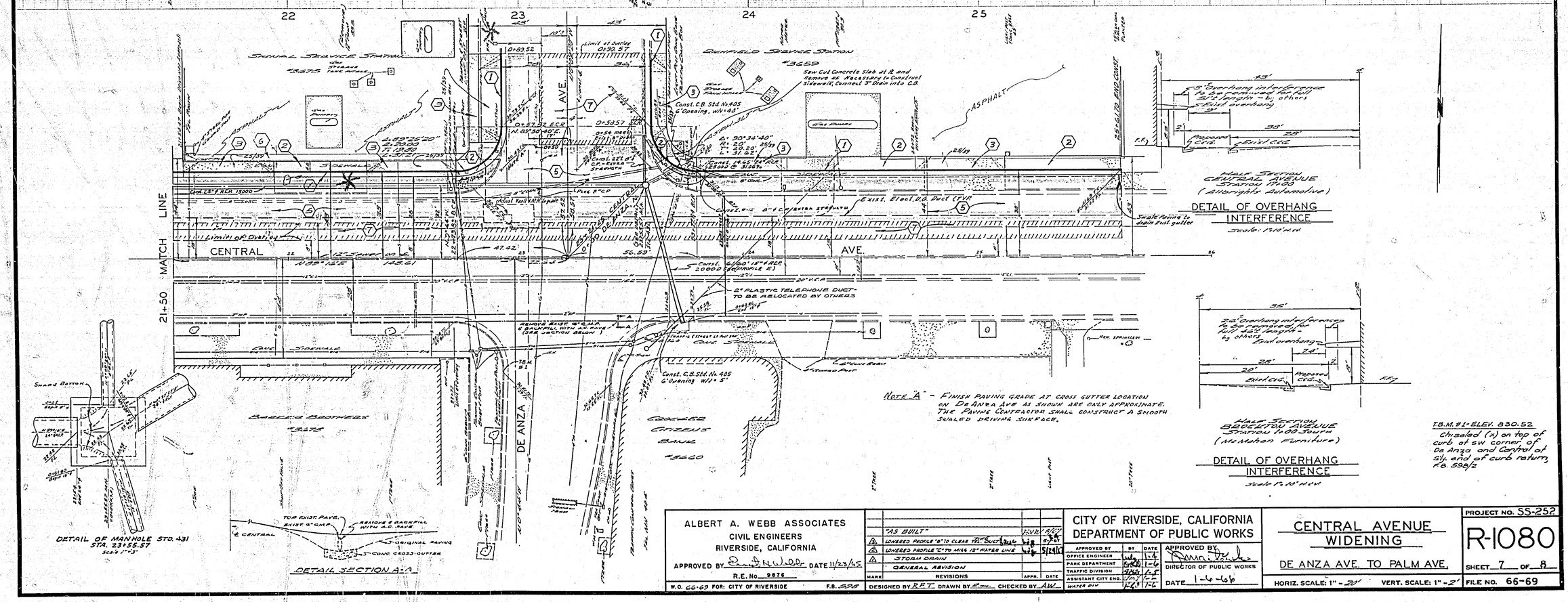
SHEET 5 OF 8

FILE NO. 66-69



ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS RIVERSIDE, CALIFORNIA APPROVED BY D. N. Webb DATE 11/23/66 R.E. No. 9876 W.O. 66-69 FOR: CITY OF RIVERSIDE F.B. 598	MARK / REVISIONS / APPR. / DATE "AS BUILT" GENERAL REVISION EWM 8/67 DESIGNED BY RET DRAWN BY [illegible] CHECKED BY AW	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY / BY / DATE OFFICE ENGINEER / 1-6 PARK DEPARTMENT / 1-6 TRAFFIC DIVISION / 1-6 ASSISTANT CITY ENG. / 1-6 WATER DIV. / 1-6 APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS DATE 1-16-1970	CENTRAL AVENUE WIDENING DE ANZA AVE. TO PALM AVE. HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'	PROJECT NO. SS-252 R-1080 SHEET 6 OF 8 FILE NO. 66-69





ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

APPROVED BY Bruce N. Wood DATE 11/23/65
R.E. No. 9876
W.O. 66-69 FOR: CITY OF RIVERSIDE F.B. 598

MARK	REVISIONS	APPR.	DATE
	"AS BUILT"		
4	LOWERED PROFILE "B" TO CLEAR 72" DUCT		
3	LOWERED PROFILE "C" TO MEET 12" WATER LINE		5/24/67
2	STORM DRAIN		
1	GENERAL REVISION		

DESIGNED BY R.F.T. DRAWN BY [illegible] CHECKED BY AW

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	[illegible]	1-6
PARK DEPARTMENT	[illegible]	1-6
TRAFFIC DIVISION	[illegible]	1-6
ASSISTANT CITY ENG.	[illegible]	1-6
WATER DIV.	[illegible]	1-6

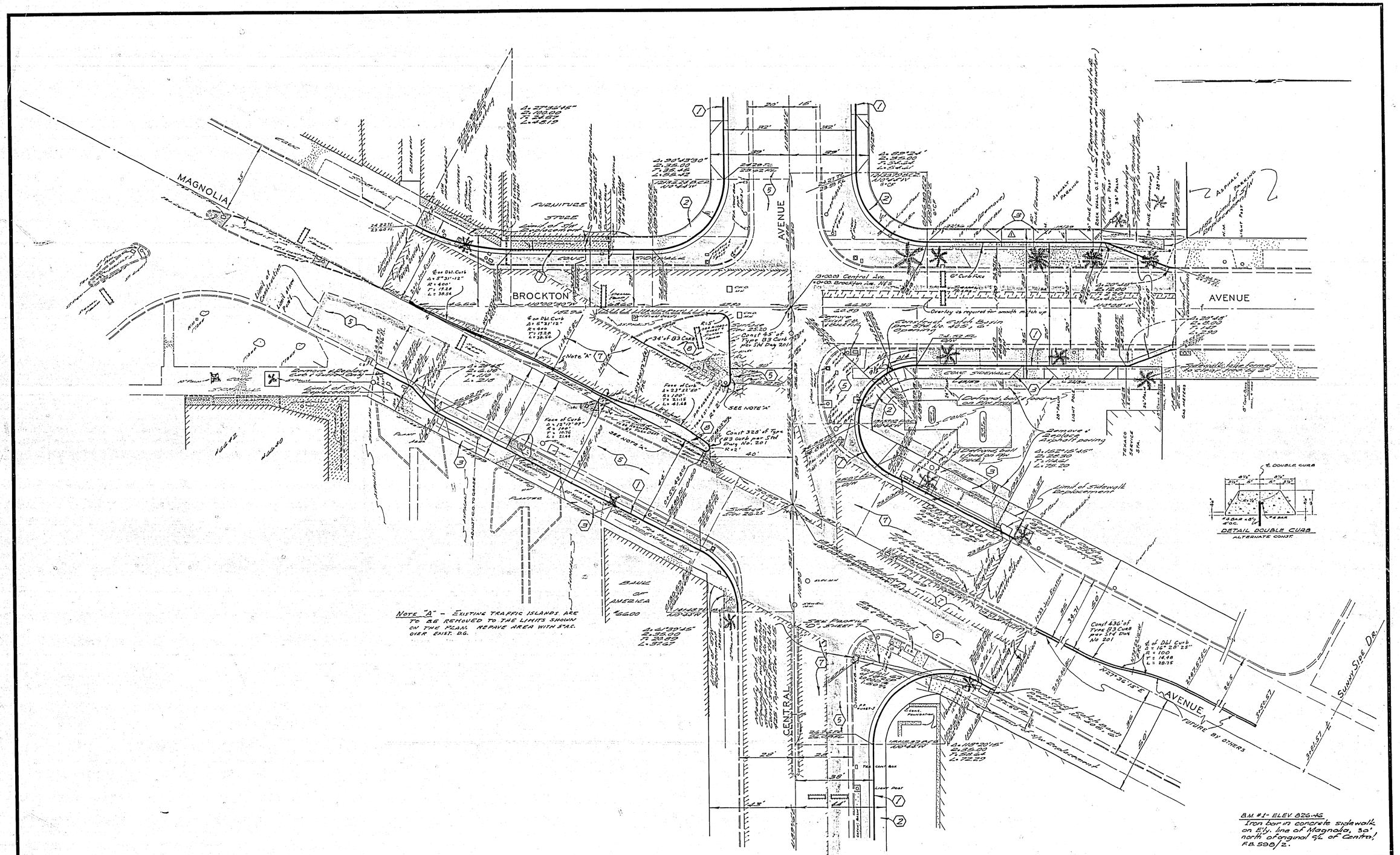
APPROVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
DATE 1-6-66

CENTRAL AVENUE WIDENING

DE ANZA AVE. TO PALM AVE.

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

PROJECT NO. SS-252
R-1080
SHEET 7 OF 8
FILE NO. 66-69



ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS RIVERSIDE, CALIFORNIA APPROVED BY [signature] DATE 11/23/65 R.E. No. 9876 W.O. 66-69 FOR: CITY OF RIVERSIDE F.B. 598	"AS BUILT" [signature] ENW 8/67 △ West side Brockton north of Central ENW 4-13-67 GENERAL REVISION [signature] 8/23 MARK REVISIONS APPR. DATE DESIGNED BY RFT DRAWN BY [signature] CHECKED BY AW	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY / BY / DATE OFFICE ENGINEER [signature] 1-4 PARK DEPARTMENT [signature] 1-6 TRAFFIC DIVISION [signature] 1-5 ASSISTANT CITY ENG. [signature] 1-6 WATER DIV. [signature] 1-6 APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS DATE 1-6-66	CENTRAL AVENUE WIDENING DE ANZA AVE. TO PALM AVE. HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" =

PROJECT NO. SS-252

R-1080

SHEET 8 OF 8

FILE NO. 66-69