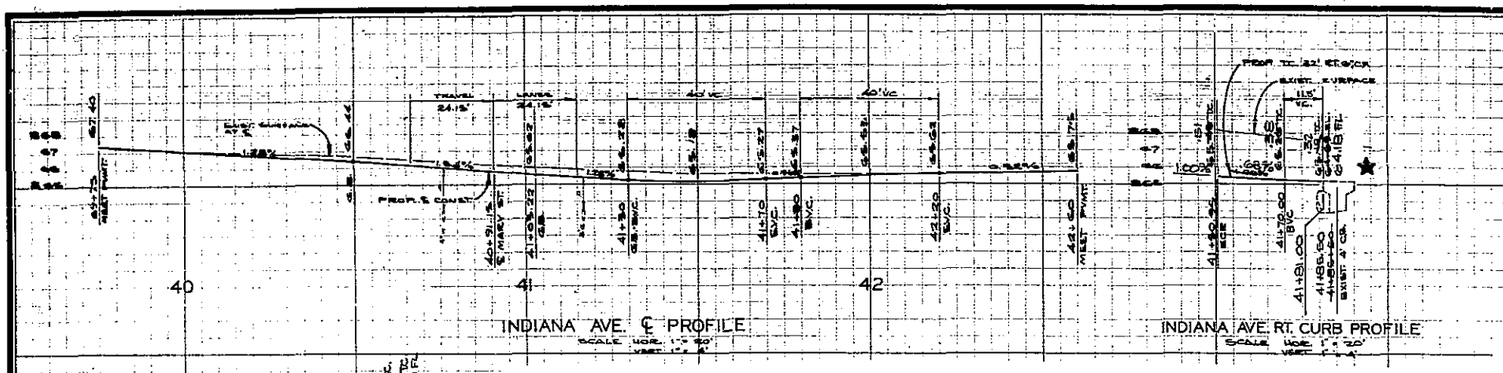
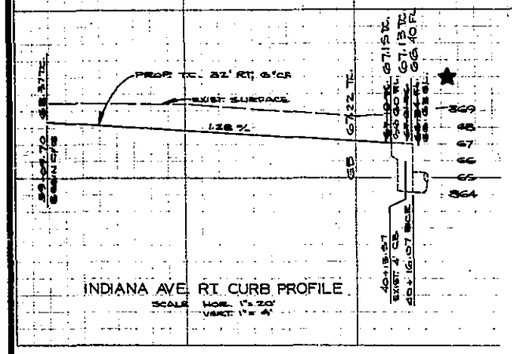
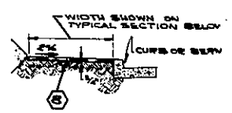




F.B.	741/26-42
B.M.	P.K. NAIL IN N.E. COR. OF PCC PORCH SLAB AT 6906 INDIANA.
ELEV.	869.515

SPECIAL CONSTRUCTION NOTES

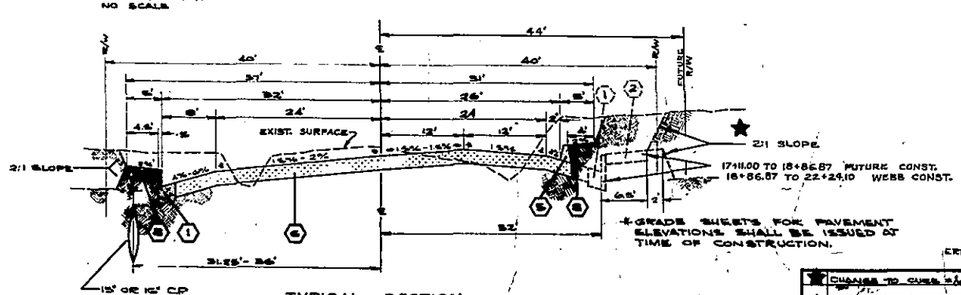
1. CONST. CURB AND GUTTER PER STD. 200. CURB FACE AS NOTED ON PROFILES.
2. CONST. SIDEWALK PER STD. 350. OR 325
3. CONST. DRIVEWAY APPROACH PER STD. 302. A=10', B=17' EXCEPT AS NOTED ON THE PLAN. LOCATE APPROACH TO MEET EXIST. D/W EXCEPT WHERE STATION IS SHOWN. MATERIAL SHOWN BY SHADING.
4. REGRADE DIRT DRIVEWAY TO GRADES AS DIRECTED BY THE ENGINEER.
5. CONST. A.C. BERM PER STD. 250.
6. PLACE 0.40' OF A.C. OVER NATIVE SOIL (98% R.C. IN TOP 6" OF SUBBASE.)
8. PLACE 3/8" CRUSHED ROCK, 3/4" DEEP, OVER UNDISTURBED NATIVE SOIL OR OVER FILL COMPACTED IN THE UPPER 6" TO 90% R.C.
11. REMOVE TREE INCLUDING ENTIRE STUMP. REMOVE ROOTS TO A DEPTH OF 25' BELOW FINISH GRADE.
12. PLACE 2½" A.C. OVER NATIVE SOIL, 95% R.C. IN TOP 6" OF SUBBASE.



GRAVEL WALKWAY
NO SCALE

GENERAL CONSTRUCTION NOTES

1. WHERE NEW CONSTRUCTION IS INDICATED.
   (a) CLEAR AND GRUB
   (b) REMOVE ALL CURB AND GUTTER, PCC PAVEMENT, AC. PAVEMENT, AND ABANDONED DRAINAGE FACILITIES.



TYPICAL SECTION
SCALE HOR. 1" = 10'
VERT. 1" = 2'

* GRADE SHEETS FOR PAVEMENT ELEVATIONS SHALL BE ISSUED AT TIME OF CONSTRUCTION.

ERNEST N. WEBB

★	CHANGE TO CURB = [illegible]		4-2-69
★	AS BUILT BY [illegible]		4/20/69
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

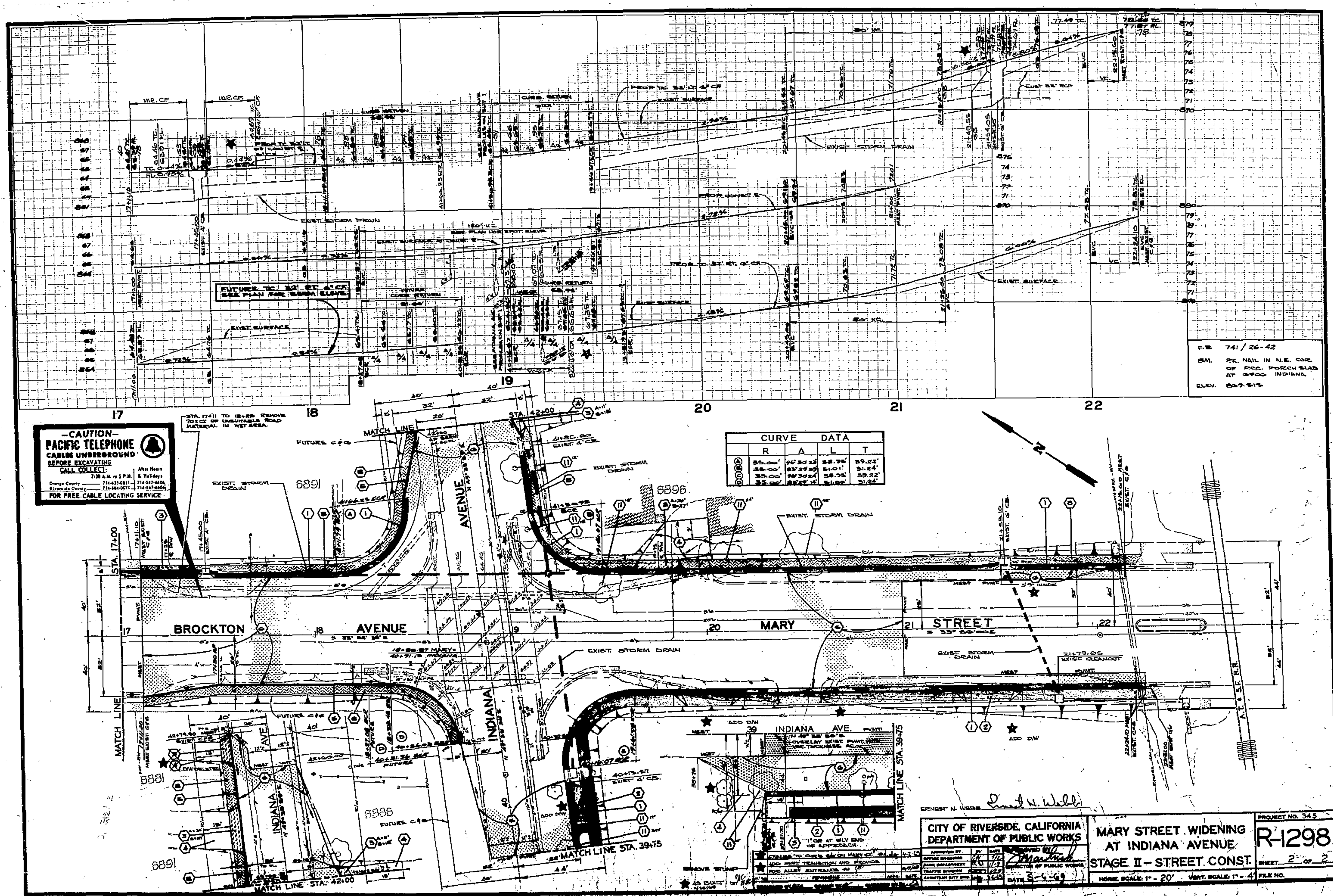
APPROVED BY	BY	DATE
OFFICE ENGINEER	[illegible]	7/2
PARK DEPARTMENT	[illegible]	11-8
TRAFFIC DIVISION	[illegible]	[illegible]
ASSISTANT CITY ENG.	[illegible]	[illegible]

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 3-6-69

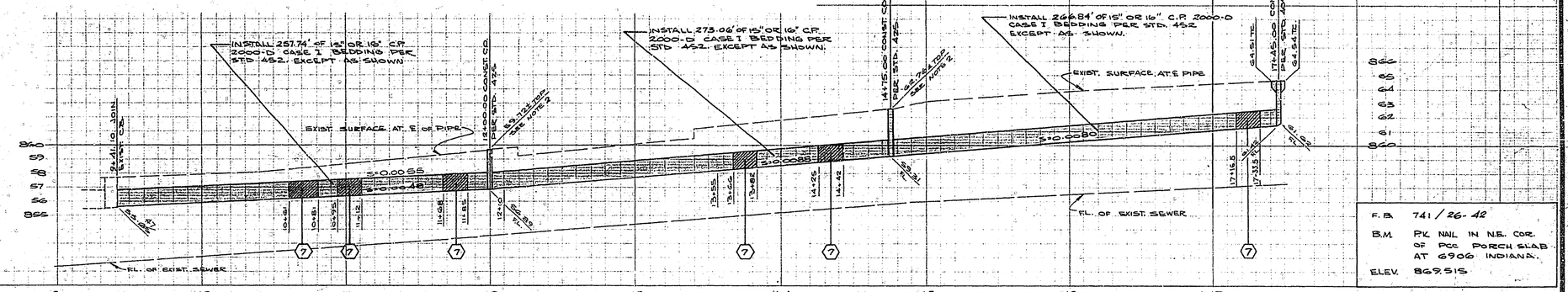
MARY STREET WIDENING AT INDIANA AVENUE
STAGE II - STREET CONST.

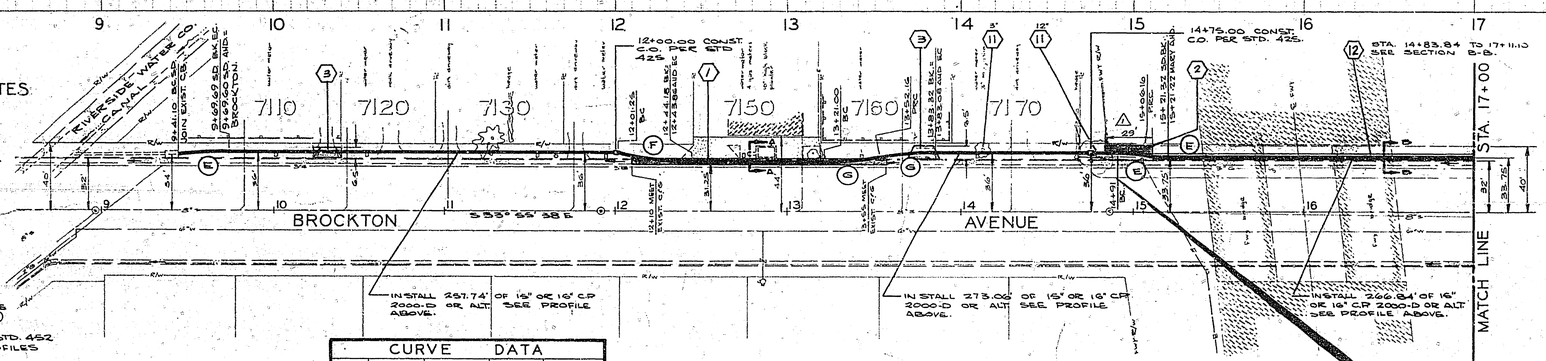
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO. 345
R-1298
SHEET 1 OF 2
FILE NO.



-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:
7:30 A.M. to 5 P.M.
After Hours & Holidays
Orange County 714-633-0811 714-547-6606
Riverside County 714-684-0071 714-547-6606
FOR FREE CABLE LOCATING SERVICE
STA. 17+11 TO 18+25 REMOVE 70± CY OF UNSUITABLE ROAD MATERIAL IN WET AREA.
FUTURE T.C. 32' RT. 6" C.F. SEE PLAN FOR BERM ELEVS.
EXIST. STORM DRAIN
EXIST. SURFACE
CURB RETURN
PROP. T.C. 32' LT. 6" C.F.
PROP. T.C. 32' RT. 6" C.F.
PROP. CONST. ℄
F.B. 741 / 26-42
B.M. P.K. NAIL IN N.E. COR. OF P.C.C. PORCH SLAB AT 6906 INDIANA
17
18
19
20
21
22
CURVE DATA
	R	Δ	L	T
A	35.00'	96°30'23"	58.95'	39.22'
B	35.00'	83°29'39"	51.01'	31.24'
C	35.00'	96°30'24"	58.95'	39.22'
D	35.00'	83°29'14"	51.00'	31.24'
N
BROCKTON AVENUE
MARY STREET
INDIANA AVENUE
INDIANA AVE.
MATCH LINE
STA. 17+00
STA. 42+00
MATCH LINE STA. 42+00
MATCH LINE STA. 39+75
FUTURE C&G
6891
6896
6881
6886
21+79.65 EXIST. CLEANOUT
ADD D/W
A.T. & S.F. R.R.
ERNEST N. WEBB
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
MARY STREET WIDENING AT INDIANA AVENUE
STAGE II - STREET CONST.
PROJECT NO. 345
R-1298
SHEET 2 OF 2
DIRECTOR OF PUBLIC WORKS
DATE 3-6-69
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
FILE NO.





SPECIAL CONSTRUCTION NOTES

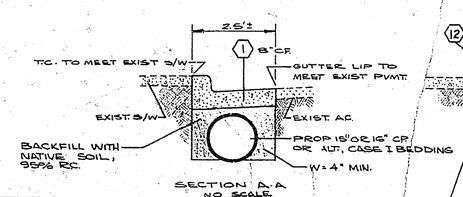
1. CONST. CURB AND GUTTER PER STD. 200. CURB FACE AS NOTED ON PROFILES.
2. CONST. SIDEWALK PER. STD. 350.
3. CONST. DRIVEWAY APPROACH PER STD. 302. A=10', B=17' EXCEPT AS NOTED ON THE PLAN. LOCATE APPROACH TO MEET EXIST. D/W EXCEPT WHERE STATION IS SHOWN. MATERIAL SHOWN BY SHADING.
6. PLACE 0.45' OF A.C. OVER NATIVE SOIL (95% R.C. IN TOP 6" OF SUBBASE.)
7. CONST. CASE III BEDDING PER STD. 452 N=D+1. LIMITS SHOWN ON PIPE PROFILES
11. REMOVE TREE INCLUDING ENTIRE STUMP REMOVE ROOTS TO A DEPTH OF 2.5' BELOW FINISH GRADE.
12. PLACE 2½" A.C. OVER NATIVE SOIL, 95% R.C. IN TOP 6" OF SUBBASE.
13. PLACE 10' OF TEMPORARY AC / PAVEMENT OVER NATIVE SOIL

GENERAL CONSTRUCTION NOTES

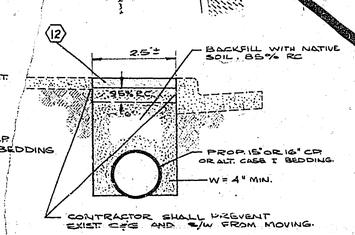
1. WHERE NEW CONSTRUCTION IS INDICATED, REMOVE ALL CURB & GUTTER, PCC. PAVEMENT AC PAVEMENT, AND DRAINAGE FACILITIES
2. DIMENSIONS TO PIPE ARE TO ℄ PIPE.
3. INSTALL CLEANOUT TOPS ON +2% SLOPE FROM TOP OF CURB.

CURVE DATA

	R	Δ	L	T
E	102.00'	8°31'04"	15.16'	7.60'
F	204.00'	12°03'26"	42.93'	21.54'
G	204.00'	8°45'05"	31.16'	15.61'



SECTION A-A
NO SCALE
STA. 12+10 TO 13+55



SECTION B-B
SCALE 1" = 2'
STA. 14+84 TO 17+11

PIPE SCHEDULE

SPECIFIED			ALTERNATE		
PIPE	STRENGTH	BEDDING	PIPE	STRENGTH	BEDDING
15" OR 16" CP	2000-D	CASE I	15" RCP	1500-D	CASE 1
15" OR 16" CP	2000-D	CASE III n=D+1	15" RCP	3000-D	CASE I
18" RCP	2000-D	CASE 1	18" CP	2000-D	CASE III n=D+1

*ASBESTOS CEMENT PIPE MAY BE USED AT CONTRACTOR'S OPTION. STRENGTH AND BEDDING REQUIREMENTS SHALL BE AS SHOWN IN THE PIPE SCHEDULE FOR CONCRETE PIPE, OR RCP EXCEPT THAT THE STRENGTH SHALL BE INCREASED BY 50% WHEN SUBSTITUTING FOR RCP.

-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:
7:30 A.M. to 5 P.M. — After Hours & Holidays
Orange County 714-633-0811 — 714-547-6606
Riverside County 714-684-0071 — 714-547-6606
FOR FREE CABLE LOCATING SERVICE

ERNEST N. WEBB

MARK	REVISIONS	APPR.	DATE
*	ADDED PIPE ALTERNATES		
1	MOVE PIPE TO CLEAR ELEC.		7/14/69
2	AS BUILT, NO CHANGE		11/21/69

DESIGNED BY ___ DRAWN BY ___ CHECKED BY ___

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

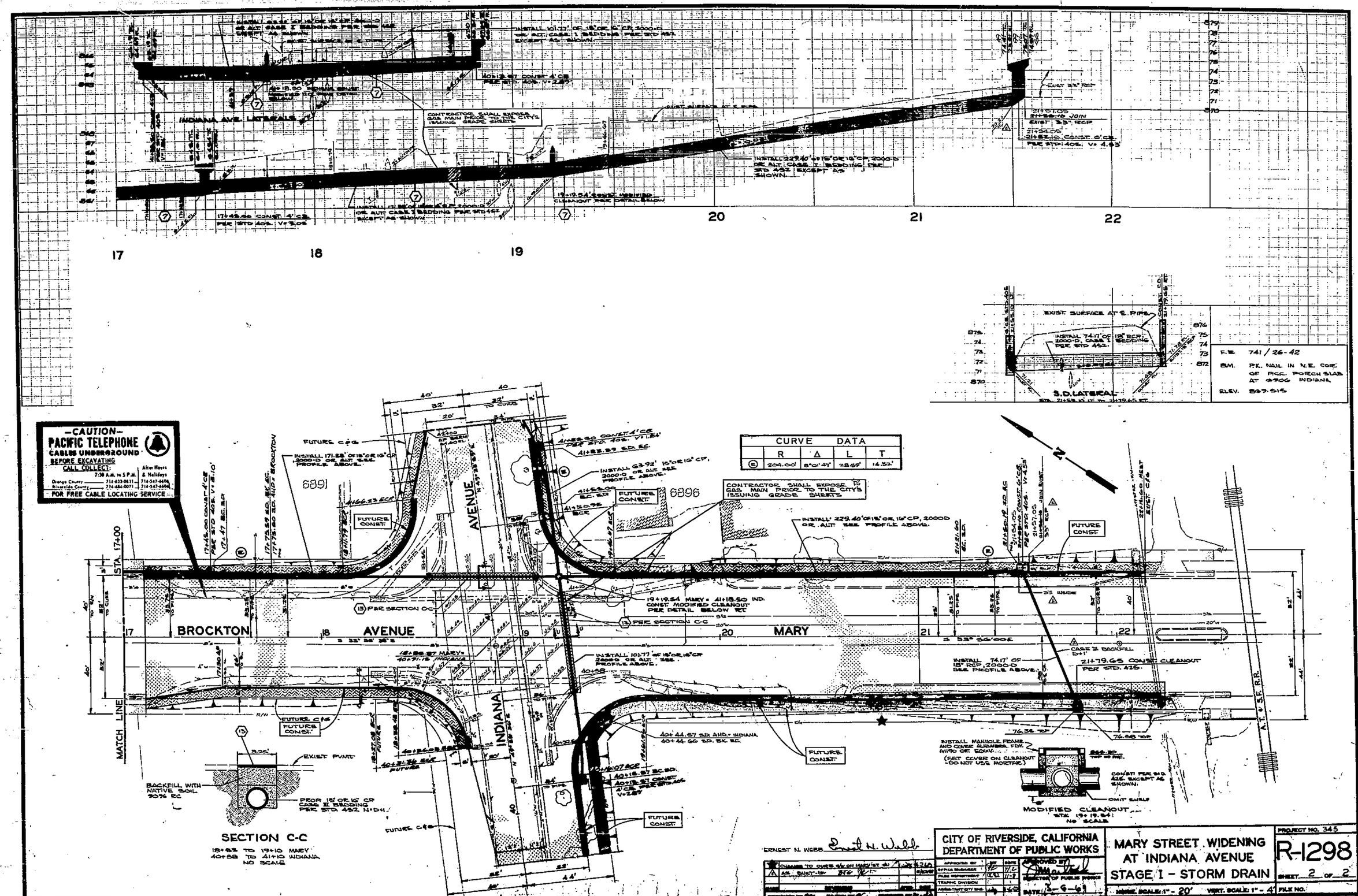
APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		11-8
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		2-6-69
DESIGN BY DEPARTMENT		

APPROVED BY ___ DIRECTOR OF PUBLIC WORKS
DATE 3-6-69

MARY STREET WIDENING AT INDIANA AVENUE STAGE I - STORM DRAIN

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

PROJECT NO. 345
R-1298
SHEET 1 OF 2
FILE NO.



INDIANA AVE. LATERALS
CONTRACTOR SHALL EXPOSE GAS MAIN PRIOR TO THE CITY'S ISSUING GRADE SHEETS
17+43.00 CONST. 4' CB PER STD 405. V=3.05
19+19.54' CONST. MODIFIED CLEANOUT PER DETAIL BELOW
INSTALL 229.40' OF 15" OR 16" CP, 2000-D OR ALT. CASE I BEDDING PER STD 452 EXCEPT AS SHOWN.
21+51.05 21+56.10 JOIN EXIST. 33" RCP
21+54.05 21+52.10 CONST. 6' CB PER STD 405. V=4.53
17
18
19
20
21
22
EXIST. SURFACE AT ℄ PIPE
INSTALL 74.17' OF 18" RCP, 2000-D, CASE I BEDDING PER STD 452.
S.D. LATERAL
F.E. 741/26-42
BM. P.K. NAIL IN N.E. COR. OF PCC. PORCH SLAB AT 6906 INDIANA
ELEV. 869.515
-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:
7:30 A.M. to 5 P.M.
After Hours & Holidays
Orange County 714-633-0611 714-547-6606
Riverside County 714-684-0071 714-547-6606
FOR FREE CABLE LOCATING SERVICE
CURVE DATA
R Δ L T
204.00' 8°01'47" 28.59' 14.32'
CONTRACTOR SHALL EXPOSE GAS MAIN PRIOR TO THE CITY'S ISSUING GRADE SHEETS
INSTALL 229.40' OF 15" OR 16" CP, 2000D OR ALT. SEE PROFILE ABOVE.
INSTALL 171.28' OF 15" OR 16" CP, 2000-D OR ALT. SEE PROFILE ABOVE.
INSTALL 63.92' 15" OR 16" CP, 2000-D OR ALT. SEE PROFILE ABOVE.
INSTALL 101.77' OF 15" OR 16" CP 2000-D OR ALT. SEE PROFILE ABOVE.
INSTALL 74.17' OF 18" RCP, 2000-D SEE PROFILE ABOVE.
19+19.54 MARY = 41+18.50 IND. CONST. MODIFIED CLEANOUT PER DETAIL BELOW RT.
21+79.65 CONST. CLEANOUT PER STD. 425.
CASE II BACKFILL D+1'
FUTURE CONST.
FUTURE C&G
6891
6896
BROCKTON AVENUE
MARY
INDIANA AVENUE
STA. 17+00
MATCH LINE
A.T. & S.F. R.R.
S 33° 56' 00" E
S 33° 58' 38" E
40+44.57 SD. AHD. = INDIANA
40+44.66 SD. BK. EC.
INSTALL MANHOLE FRAME AND COVER ALHAMBRA FDY. A1190 OR EQUIV.
(SET COVER ON CLEANOUT - DO NOT USE MORTAR)
CONST. PER STD. 425. EXCEPT AS SHOWN.
OMIT SHELF
MODIFIED CLEANOUT STA. 19+19.54 NO SCALE
EXIST. PVMT.
BACKFILL WITH NATIVE SOIL 90% RC
PROP. 15" OR 16" CP CASE II BEDDING PER STD. 452 N=D+1
SECTION C-C
18+83 TO 19+10 MARY
40+58 TO 41+10 INDIANA
NO SCALE
ERNEST N. WEBB
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 3-6-69
MARY STREET WIDENING AT INDIANA AVENUE
STAGE I - STORM DRAIN
PROJECT NO. 345
R-1298
SHEET 2 OF 2
HORIZ. SCALE: 1" - 20'
VERT. SCALE: 1" - 4'
FILE NO.