

RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT MAPLEWOOD STORM DRAIN MAPLEWOOD FROM BROCKTON TO MAGNOLIA MAGNOLIA FROM MAPLEWOOD TO JURUPA

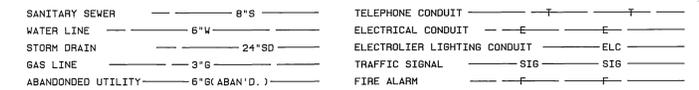
CONSTRUCTION LEGEND



- R & R EX. STREET SECTION WITH 13" FULL DEPTH A.C. OR 4" A.C./21" C.A.B.
- REMOVE & REPLACE EX. CURB RETURN & S/W AS SHOWN ON PLAN
- REMOVE EXIST. TREE CLASS I - 12"

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:



EXISTING TOPOGRAPHY:



SPECIFIC CONSTRUCTION NOTES

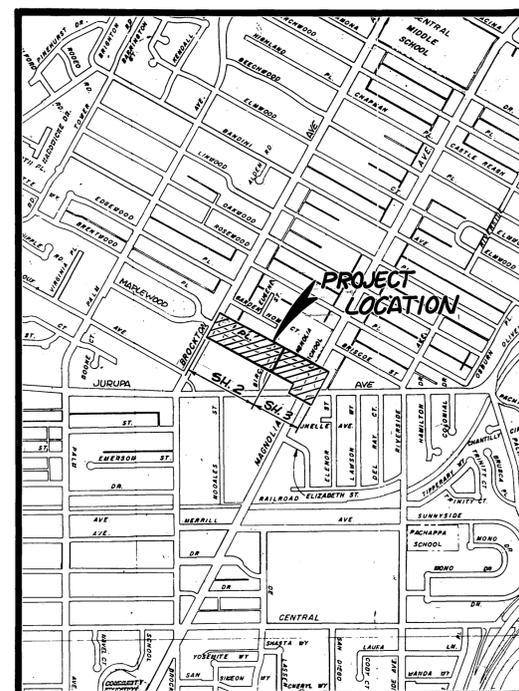
1. SAWCUT, REMOVE, & REPLACE EXIST. 36" C.I.P.P. WITH 36" R.C.P. INSTALL A COLLAR PER C/R STD. DWG. 424.
2. REMOVE EXIST. M.H. & REPLACE WITH M.H. JM PER CITY OF RIVERSIDE STD. DWG. 432. RECONNECT EXIST. 2-24" R.C.P. TO M.H.. A = 60", B = 24", C' = 5.4', D1 = 48", D2 = 57". FOR VALUES OF E', EL.S. & EL.R SEE DETAIL ON SHEET # 4. (NOTE: J.S. BUILT TP ACCOMMODATE MASTERPLAN 57" DOWNSTREAM PIPE.)
3. REMOVE SEWER M.H. & INTERFERING PORTION OF EXIST. 8" SEWER LINE.
4. PLUG & ABAND. EXIST. 8" SEWER.
5. PAVE THE BOTTOM OF THE PIPE WITH CONCRETE. LIMITS & ELEV. ARE SHOWN ON THE PROFILE (SHEET #1).
6. REMOVE & REPLACE EXIST. 8" SEWER LINE AS SHOWN.
7. CONST. M.H. JM PER C/R STD. DWG. 432. A=45, B=42", D1=48", D2=42", C'=7', E'=7.3', L'=10', EL.S=818.90, EL.R=818.92.
8. PROTECT IN PLACE WATER FACILITIES.

9. REMOVE & REPLACE TRAFFIC LOOP DETECTORS.
10. REMOVE EXIST. CURB DEPRESSION & REPLACE WITH 6" C.F. RECONSTRUCT N.E.'LY END OF D/W PER STD. DWG. 302 & ADJACENT S/W PER STD. DWG. 325 TO PROVIDE FOR RELOCATION OF RTA BUS STOP FACILITIES.
11. PROTECT IN PLACE EXIST. TREE.
12. CONST. JUNCTION STRUC. B PER C/R STD. DWG. 422. A=32", B=30", C'=8.1', D=42", E'=7', L'=7', EL.S=821.44, EL.R=824.58.
13. PROTECT IN PLACE EXIST. ELEC. LINE.
14. CONST. JUNCTION STRUCTURE C PER C/R STD. DWG. 422. A=45, B=30", C'=5.9', D1=36", D2=42", E'=6.1', L'=8.1', EL.S=819.49, EL.R=820.89.
15. CONST. M.H. JM PER C/R STD. DWG. 432. A=47, B=30", C'=5.7', D1=36", D2=36", E'=5.9', L'=8", EL.S=820.11, EL.R=820.40.
16. RECONSTRUCT CURB RETURN PER PROFILE ON SHEET # 4
17. REMOVE CROSS GUTTER & OVERLAY EXIST. STREET SURFACE. ELEVATIONS ARE SHOWN ON PLAN.
18. REMOVE & REPLACE EX. ST. LIGHT CONDUIT & INSTALL TWO PULL BOXES AS REQUIRED PER P.U.D. SPEC. NO. 119.

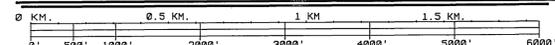
- INDICATES DETAIL
- INDICATES SHEET NO.
- COUNTY OF RIVERSIDE FLOOD CONTROL & WATER CONSERVATION DISTRICT STANDARD DRAWINGS.
-

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 IN THE 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, C-34, OR C-42 LICENSE.
4. CONFLICTING UTILITIES SHOWN WITHIN THE CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. EXISTING ELEVATION AT STA. 10+18.00 SHALL BE EXPOSED AND ELEVATION VERIFIED BY CITY SURVEYORS PRIOR TO THE ISSUANCE OF GRADE SHEETS.
6. UTILITIES SHOWN IN CONFLICT WITH PROPOSED STORM DRAIN FACILITIES WILL BE RELOCATED PRIOR TO CONSTRUCTION.
7. LOCATION OF SEWER LATERALS SHOWN ON THE PLAN ARE APPROXIMATE. SEWER LATERALS SHALL BE LOCATED IN THE FIELD BY THE CONTRACTOR AT THE TIME OF CONSTRUCTION.
8. ALL SEWER LATERALS SHALL BE RECONNECTED TO THE PROPOSED SEWER LINE AS INSTALLATION PROGRESSES UPSTREAM. RECONNECTION SHALL INCLUDE THE NECESSARY PIPE EXTENSION OF ANY LATERAL LINE.
9. CAST-IN-PLACE CONCRETE PIPE MAY BE SUBSTITUTED FOR R.C.P. WHEREVER APPLICABLE.



PROJECT LOCATION PLAN



SCALE: 1" = 1000'

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 1-800-422-1133 Two working days before you dig.

ENGINEER IN RESPONSIBLE CHARGE
Ronald C. Mueller
RONALD C. MUELLER
R.C.E. 29510 expires 3-31-21
DATE 10-2-20

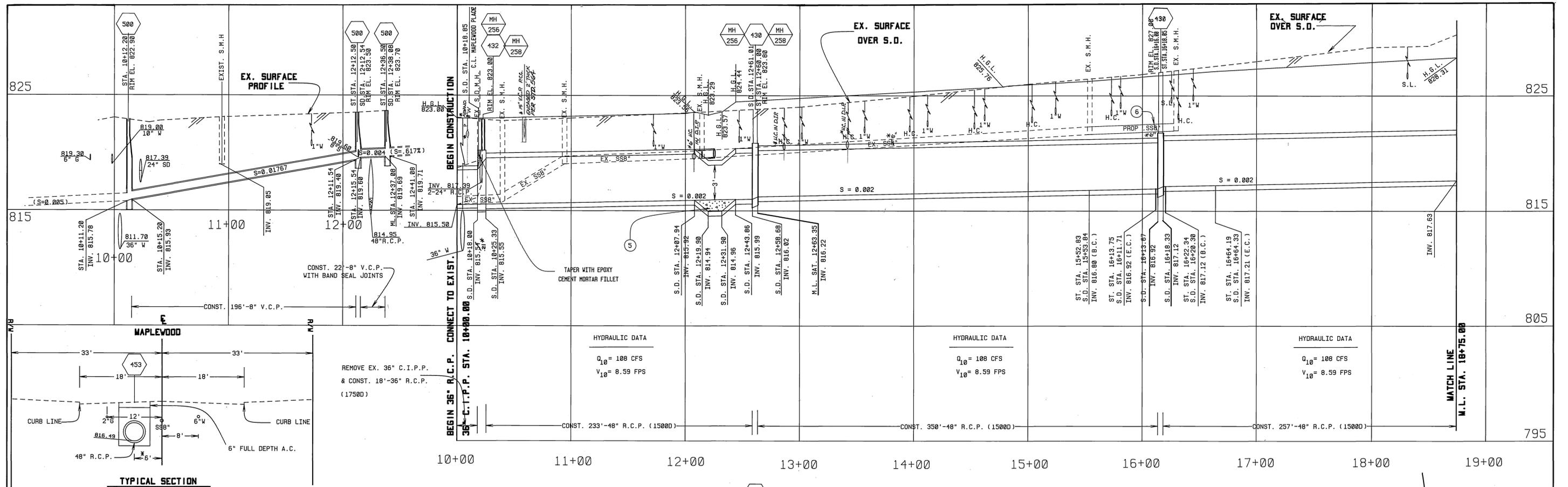


CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT			
APPROVED BY	DATE	BY	DATE
DEPUTY P.W. ENGINEER	10/1/20	<i>Bary Paul</i>	10/1/20
PRINCIPAL ENGINEER	10/2/20		
SURVEYOR	10/2/20		
CHIEF P.W. INSPECTOR	9-21-20		
PARK & RECREATION			

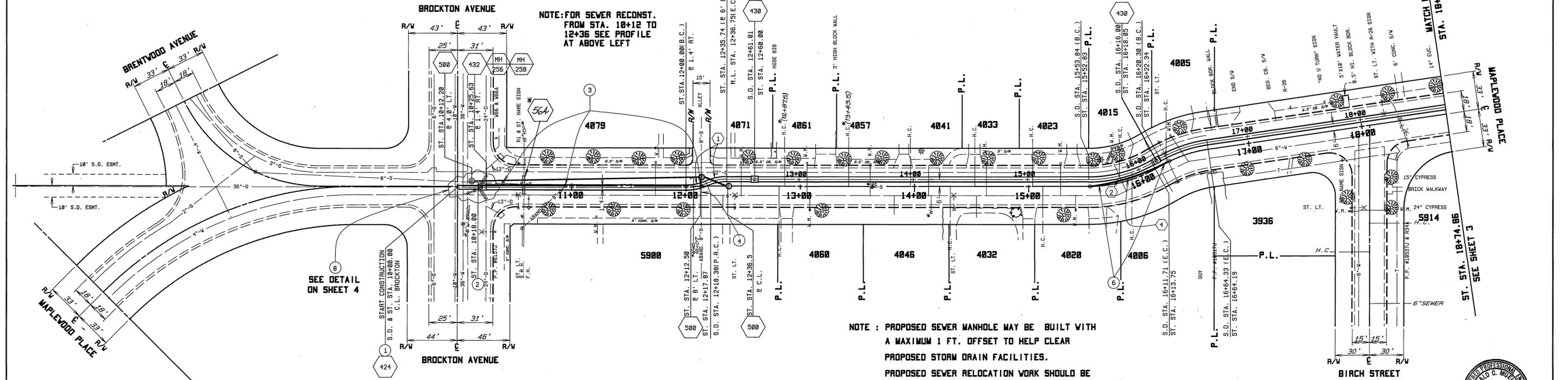
MAPLEWOOD STORM DRAIN
MAPLEWOOD FROM BROCKTON TO MAGNOLIA
MAGNOLIA FROM MAPLEWOOD TO JURUPA

ACCOUNT NO. 09-073-136
0-560
SHEET 1 OF 4

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
INDEXED 2-21-21



TYPICAL SECTION
 S.D. STA. 14+00
 ± 1.4' OFF & FROM
 STA 10+00 TO 12+00
 SCALE 1" = 10'



HYDRAULIC DATA
 $Q_{10} = 108$ CFS
 $V_{10} = 8.59$ FPS

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CURVE DATA

△	R	L	T
①	23°-23'-48"	45'	18.38'
②	29°-04'-59"	114'	57.87'
③	20°-51'-00"	121'	44.03'
④	25°-19'-15"	160'	70.71'

B.M. - 822.844 P.K. & CITY ENG. TAG IN S.L.Y CB. OF BROCKTON AVE. 60' + E'LY OF C.L. INT. OF MAPLEWOOD PL. PER C.R.F.B. LL25 PG. 18.

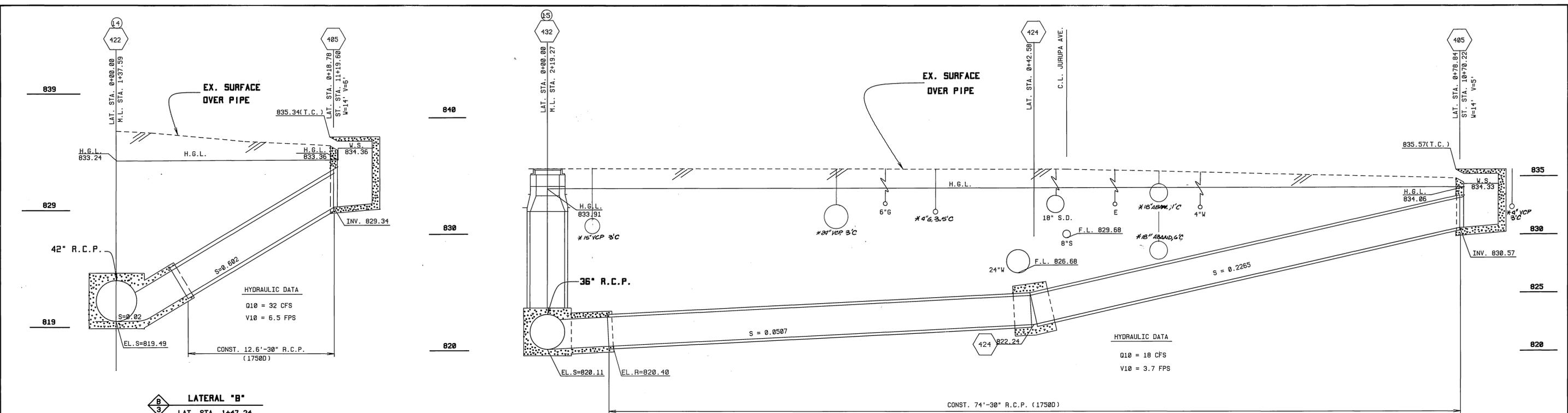
CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT

MAPLEWOOD STORM DRAIN
 MAPLEWOOD FROM BROCKTON TO MAGNOLIA
 MAGNOLIA FROM MAPLEWOOD TO JURUPA



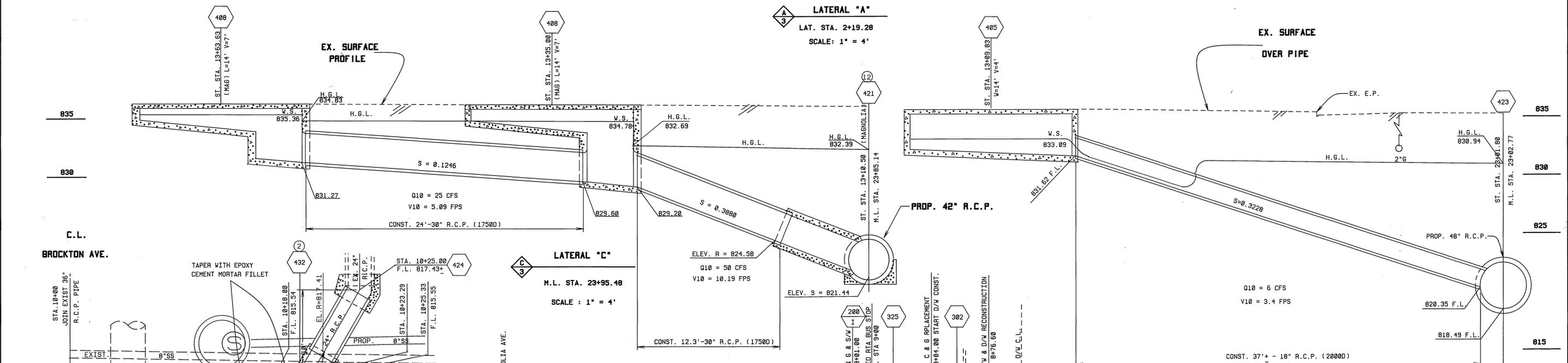
ACCOUNT NO. 89-573-436
0-560
 SHEET 2 OF 4

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
 INDEXED 2-21-91



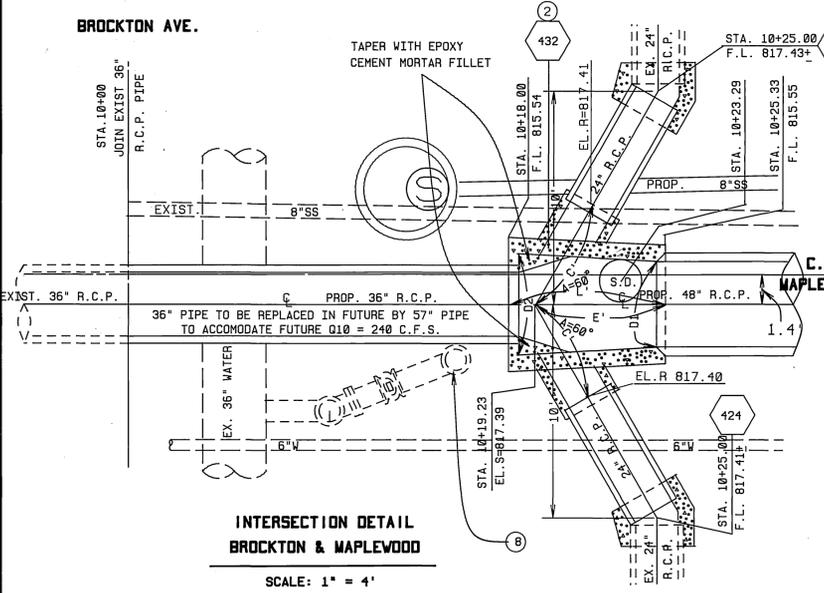
LATERAL "B"
 LAT. STA. 1+47.24
 SCALE: 1" = 4'

LATERAL "A"
 LAT. STA. 2+19.28
 SCALE: 1" = 4'



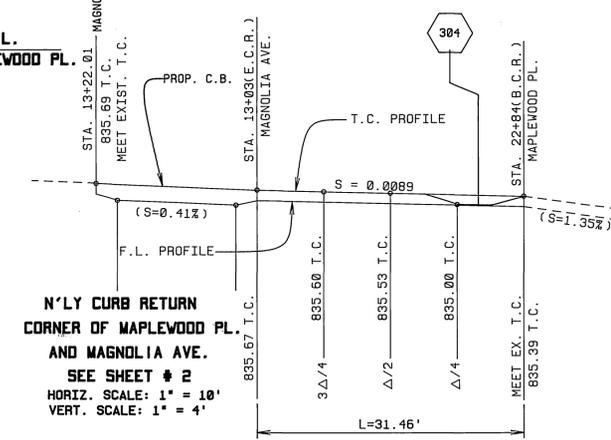
LATERAL "C"
 M.L. STA. 23+95.48
 SCALE: 1" = 4'

LATERAL "D"
 S.D. STA. 23+02.77
 SCALE: 1" = 4'

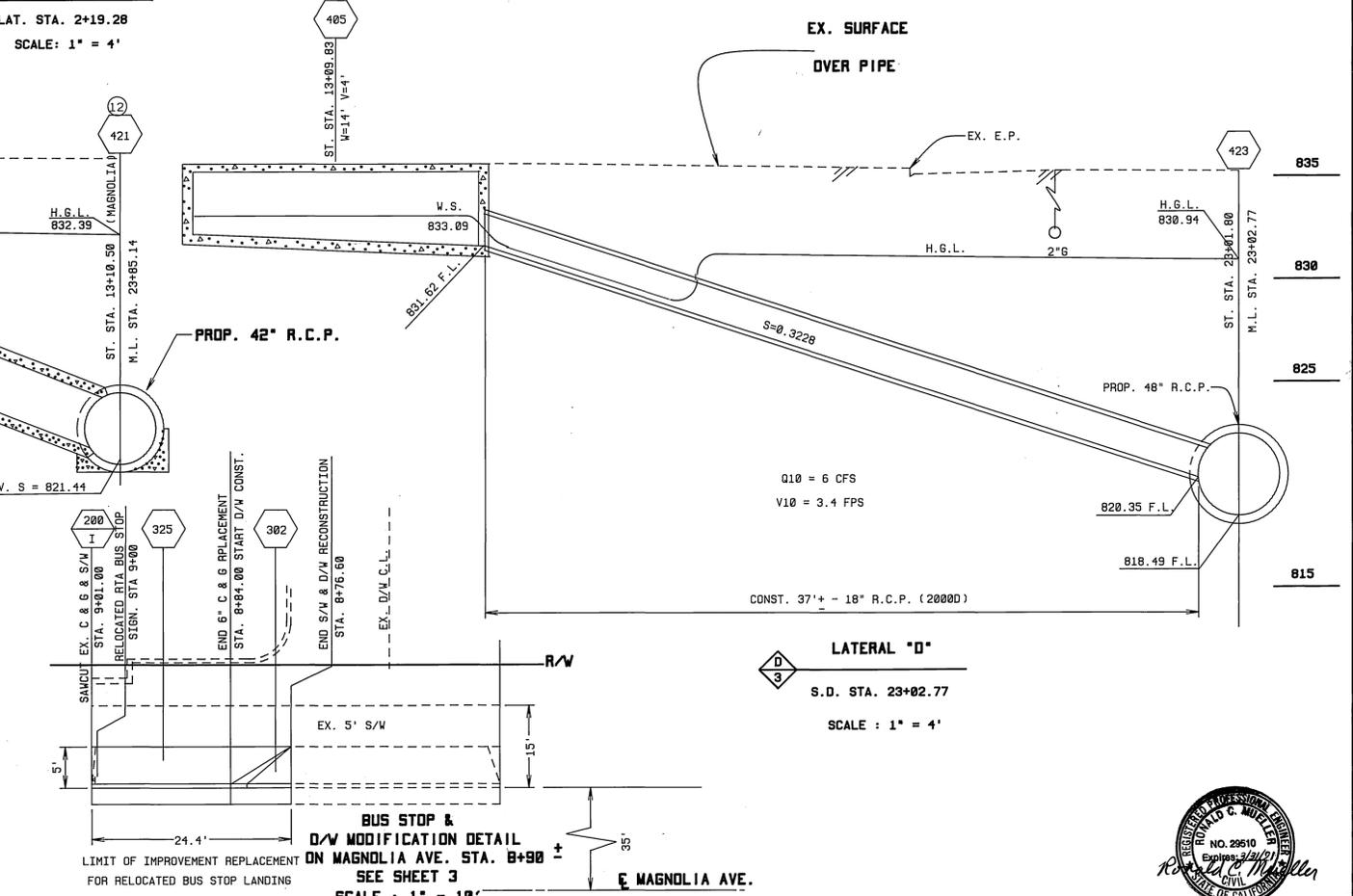


**INTERSECTION DETAIL
 BROCKTON & MAPLEWOOD**
 SCALE: 1" = 4'

L' = 7.33' D1 = 48" C' = 5.4'
 E' = 6.10' D2 = 57"



**N'LY CURB RETURN
 CORNER OF MAPLEWOOD PL.
 AND MAGNOLIA AVE.**
 SEE SHEET # 2
 HORIZ. SCALE: 1" = 10'
 VERT. SCALE: 1" = 4'



**BUS STOP &
 D/W MODIFICATION DETAIL
 ON MAGNOLIA AVE. STA. 8+90 ±**
 SEE SHEET 3
 SCALE: 1" = 10'

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		MAPLEWOOD STORM DRAIN MAPLEWOOD FROM BROCKTON TO MAGNOLIA MAGNOLIA FROM MAPLEWOOD TO JURUPA		ACCOUNT NO. 09-573-436 0-560 SHEET 4 OF 4
APPROVED BY DEPUTY P.W. ENGINEER PRINCIPAL ENGINEER SURVEYOR	DATE 10/1/90 10/1/90 10/1/90	APPROVED BY <i>Dan Beal</i> CHIEF P.W. INSPECTOR TRAFFIC DIVISION PARK & RECREATION	DATE 9-21-90	HORIZ. SCALE: 1" = 10' VERT. SCALE: 1" = 4'



* AS BUILT CO. 8/19/91

INDEXED 2-21-91