

1/9

PROJ. NO. 472-76-245-81047-000-000-001



Contractor shall inspect the site and satisfy himself as to existing conditions and circumstances prior to submitting his bid.

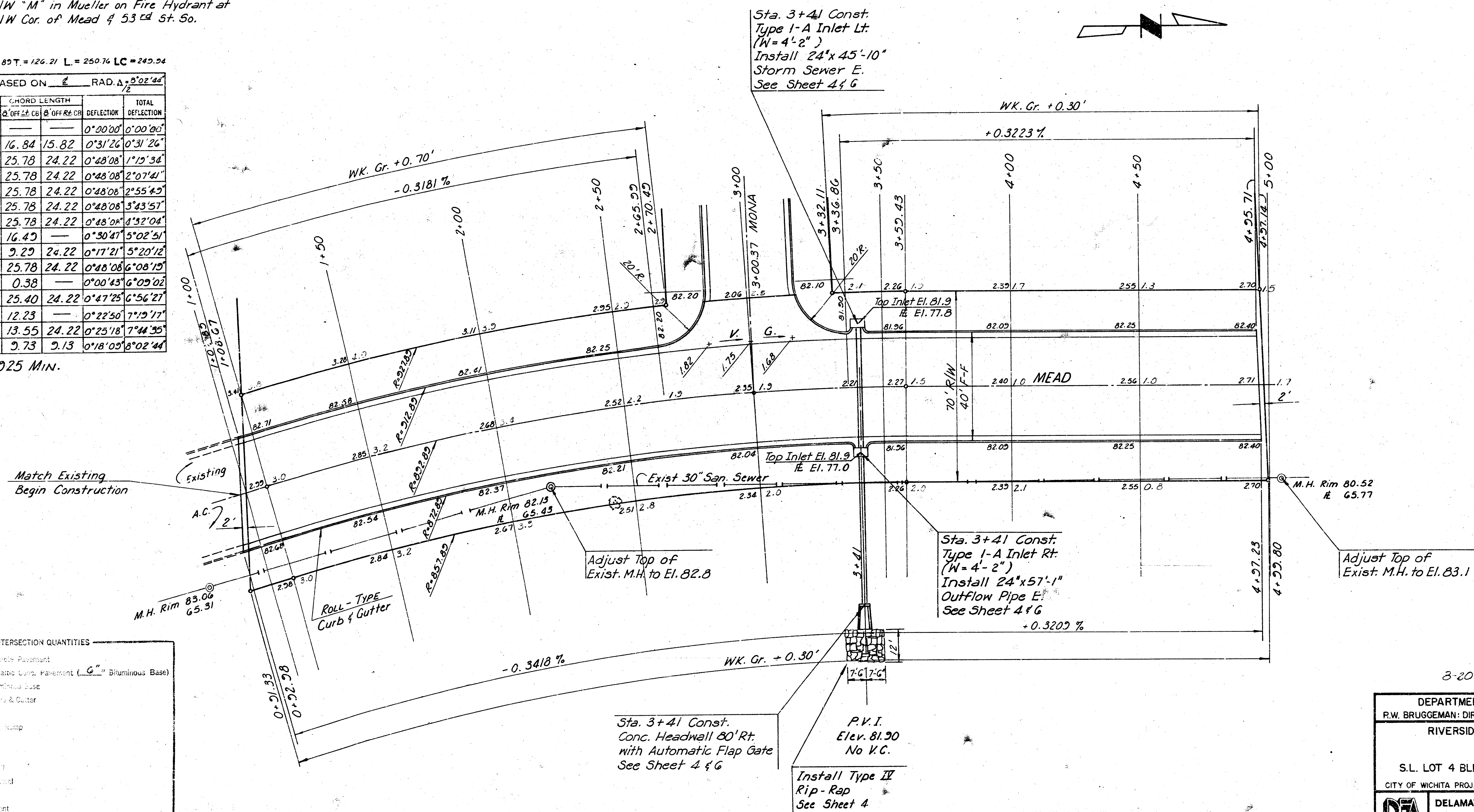
B.M. 81.73 Std. Disc S.S. Conc. Wk. along N.S.
Bridge on 55th St. across Big Slough

B.M. 84.56 NW "M" in Mueller on Fire Hydrant at
NW Cor. of Mead & 53rd St. So.

$\Delta = 40'05''$ $R = 802.87'$ $T = 126.21'$ $L = 250.76'$ $LC = 245.54'$

CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\Delta = 3'02''44''$					
STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION	
1+08.67			0°00'00"	0°00'00"	
1+25	16.33	16.84	0°31'26"	0°31'26"	
1+50	25.00	25.78	0°48'08"	1°19'34"	
1+75	25.00	25.78	0°48'08"	2°07'41"	
2+00	25.00	25.78	0°48'08"	2°55'49"	
2+25	25.00	25.78	0°48'08"	3°43'57"	
2+50	25.00	25.78	0°48'08"	4°32'04"	
2+65.50	15.50	16.45	0°30'47"	5°02'51"	
2+75	9.01	9.29	0°17'21"	5°20'12"	
3+00	25.00	25.78	0°48'08"	6°08'19"	
3+00.37	0.37	0.38	0°00'43"	6°09'02"	
3+25	24.63	25.40	0°47'25"	6°56'27"	
3+36.86	11.86	12.23	0°22'50"	7°19'17"	
3+50	13.14	13.55	0°25'18"	7°44'35"	
3+55.43	5.43	5.73	0°18'03"	8°02'44"	

Def./Ft. = 1.925 Min.



INTERSECTION QUANTITIES	
124.48 S.Y.	8" Bituminous Base
42.25 S.Y.	4" Bituminous Base
18.5 S.Y.	18" Concrete Pipe
277.73 S.Y.	18" Concrete Pipe
30.33 S.Y.	5" Concrete & 3" Asphaltic Concrete Base

3-20' DRIVES

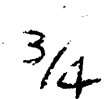
DEPARTMENT OF ENGINEERING
R.W. BRUGGEMAN: DIR. OF ENGINEERING-CITY ENGINEER

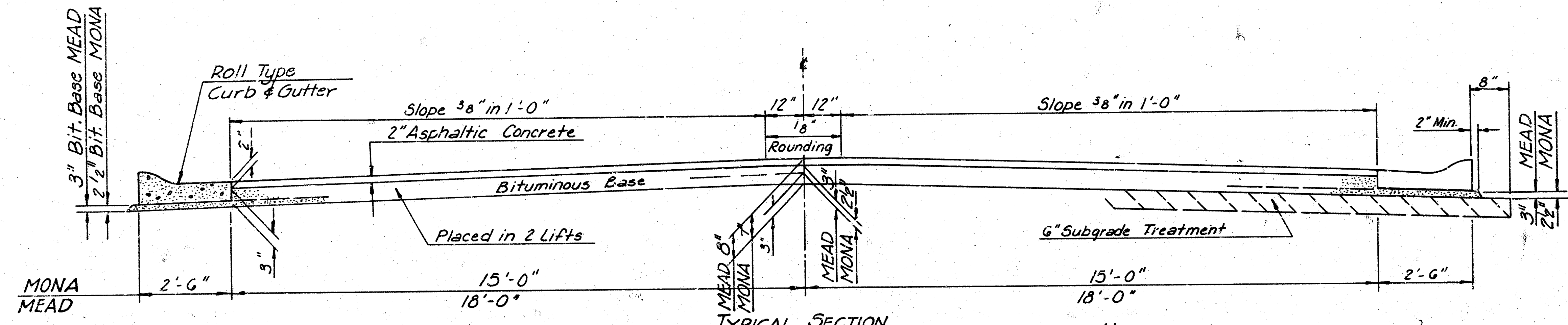
RIVERSIDE FOURTH ADDITION
MEAD

S.L. LOT 4 BLK. 7 TO N.L. LOT 3 BLK. 6
CITY OF WICHITA PROJ. NO. 472-76-245-81047-000-000-001

DELAMATER, FREUND & ASSOCIATES, P.A.
ENGINEERS & ARCHITECTS
WICHITA, KANSAS

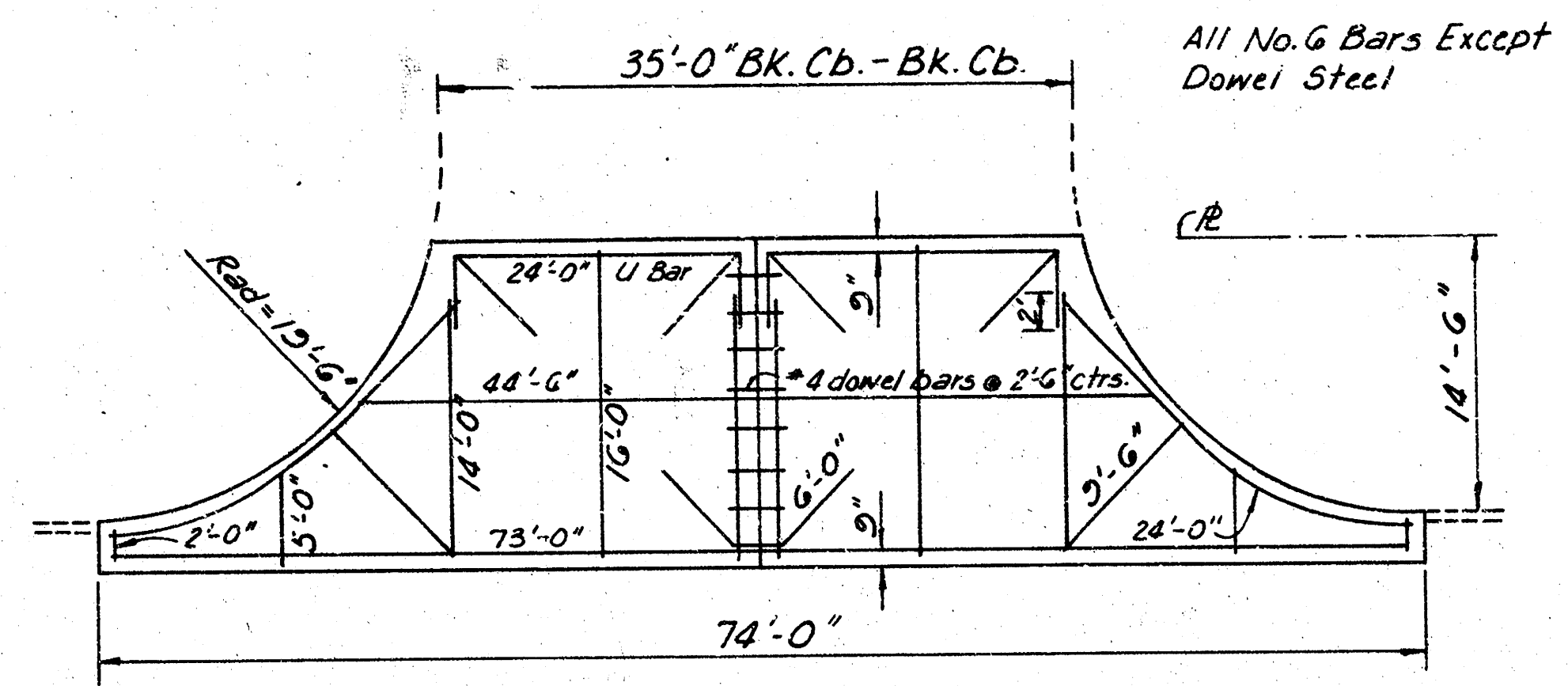
SCALE 1" = 20' DATE July, 1981 DWG. NO. 89-LP-2





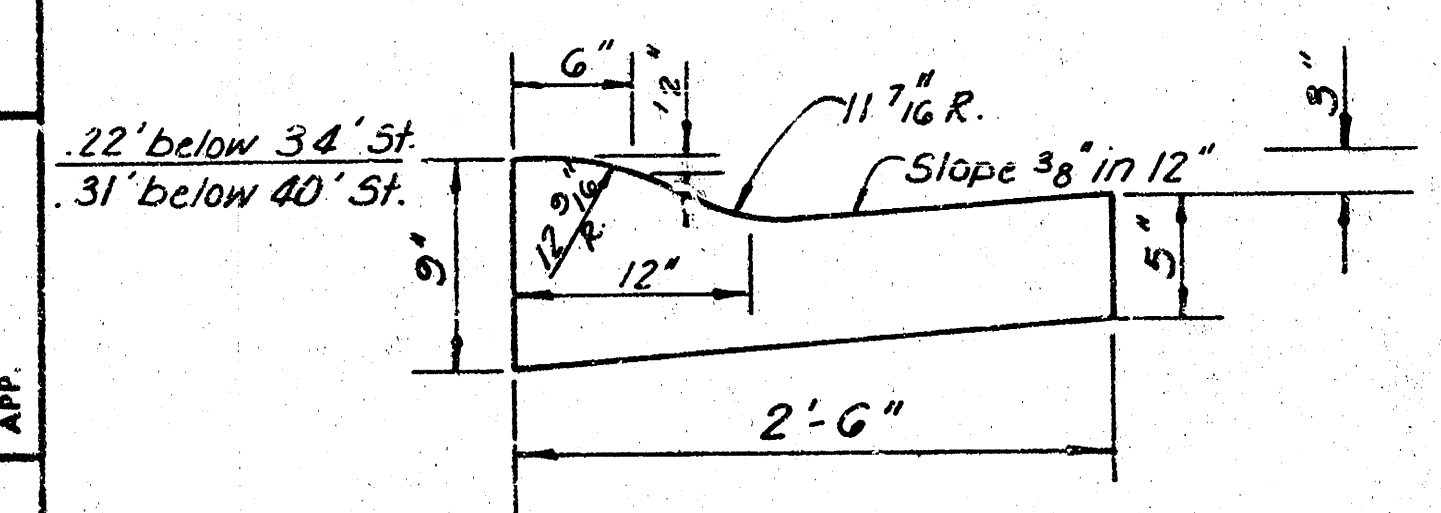
TYPICAL SECTION
 The A.C. Pavement between the combined curb and gutter shall be paid as Sq. Yds. 8\"/>

NOTE:
 A tack coat of emulsified asphalt (SS-1H) shall be applied at an approximate rate 0.05 gallons per sq. yd. between lifts of asphalt materials when ordered by the engineer. Tack coat will not be paid for directly but shall be considered as subsidiary to price bid for asphalt pavement.
 Bituminous base and asphaltic concrete wearing surface shall be placed with a layout machine having automatic controls for crown and grade. Construction joints in each lift shall be staggered a minimum distance of 1' with joints in preceding lifts and placed such that a joint will be constructed on the center-line in the top lift.

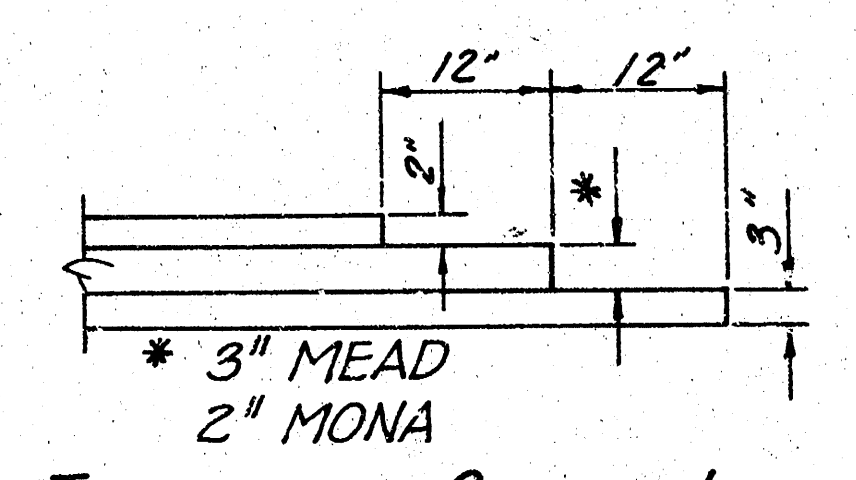


No. G # Bars	
2	24'-0" U Bars
6	6'-0" "
1	44'-6" "
1	73'-0" "
2	2'-0" "
2	5'-0" "
2	3'-6" "
2	24'-0" "
4	14'-0" "
2	16'-0" Bars
370.5 lin. ft.	

CONCRETE VALLEY GUTTER
 (5" Conc. & 3" Bit. Base)

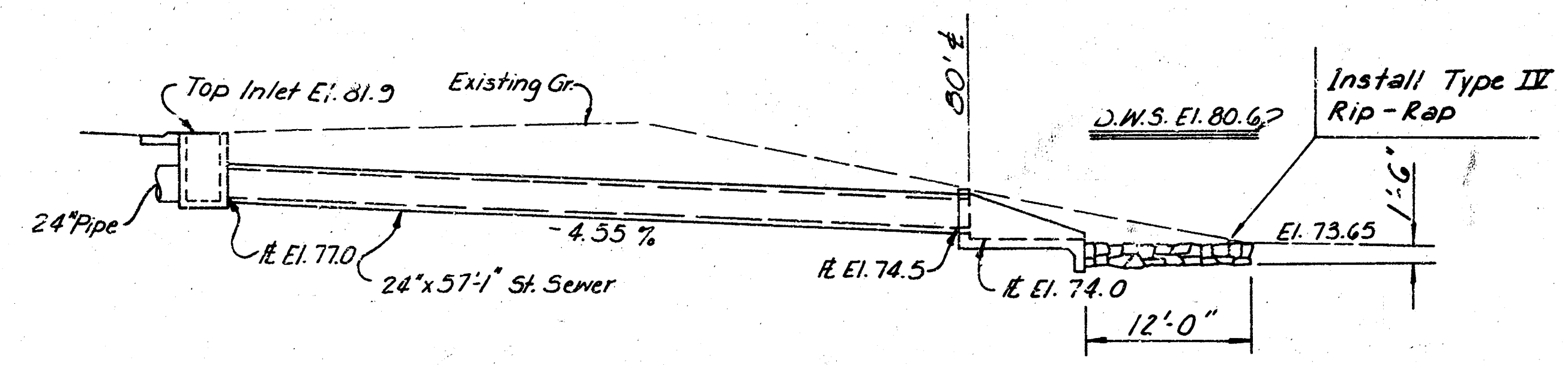


ROLL TYPE CURB & GUTTER



TRANSVERSE CONST. JOINT

Transverse construction joints shall be constructed in flexible base pavement at locations where pavement temporarily ends to facilitate future pavement construction as shown by detail. The cost of constructing the transverse construction joints shall not be measured or paid for directly but shall be included in the bid price for square yards of asphaltic concrete pavement.

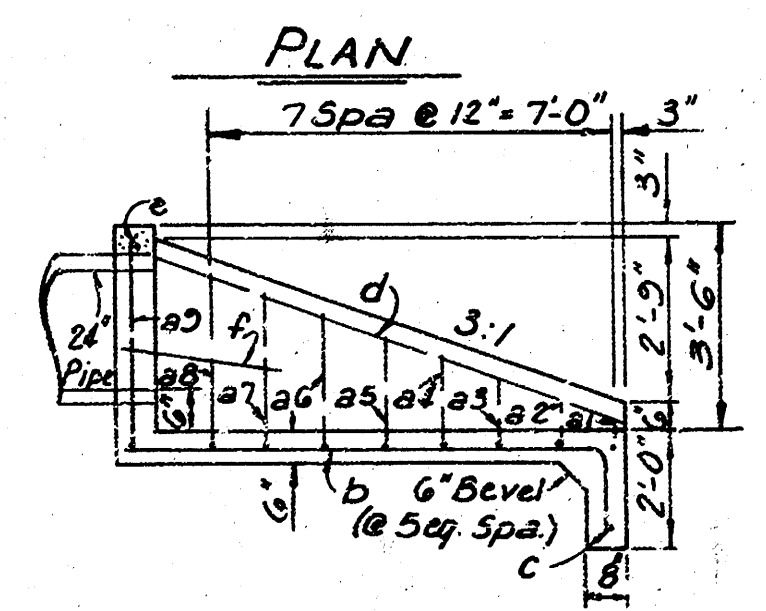
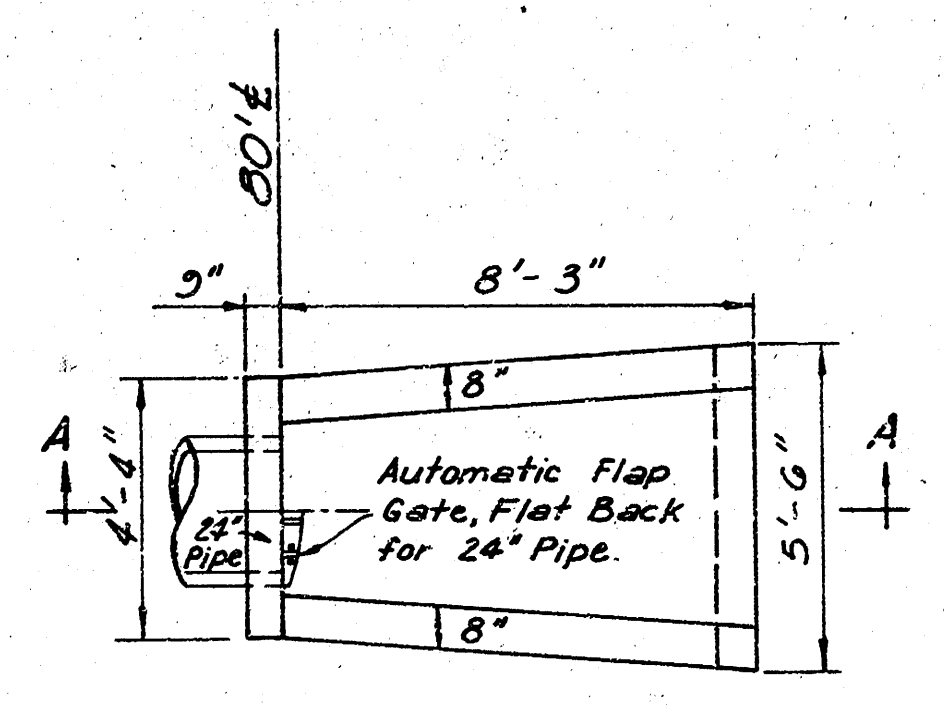


DETAIL OF OUTFLOW PIPE

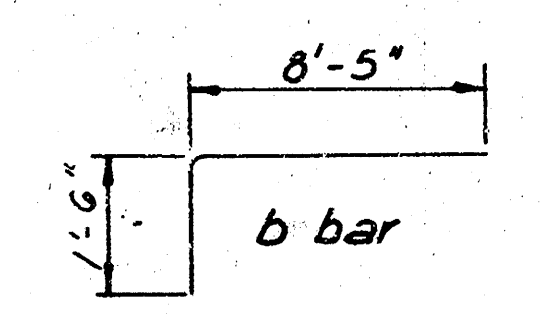
NOTE: See Sheet 6 for profile and station grades for 24" Storm Sewer. See Sheet 2 for plan.

TABLE OF QUANTITIES				
BAR	NUMBER	LENGTH	SHAPE	WEIGHT
a1	1	6'-1"		4.06
a2	1	6'-1"		4.40
a3	1	7'-2"		4.79
a4	1	7'-8"		5.12
a5	1	8'-2"		5.45
a6	1	8'-9"		5.85
a7	1	9'-3"		6.18
a8	1	9'-9"		6.51
a9	1	10'-7"		7.07
b	6	5'-11"		55.75
c	1	5'-5"		3.51
d	2	2'-0"		12.02
e	1	4'-0"		2.67
f	2	5'-0"		6.68
Total Rebar, Lbs.				114.06
Concrete, C.Y.				2.23

All Rebar to be #4



SECTION A-A



Increment 4"	
a1	4'-9"
a2	4'-7"
a3	4'-6"
a4	4'-4"
a5	4'-2"
a6	4'-1"
a7	3'-11"
a8	3'-9"
a9	3'-7"

DEPARTMENT OF ENGINEERING
 R.W. BRUGGEMAN, DIR. OF ENGINEERING-CITY ENGINEER
 RIVERSIDE FOURTH ADDITION
TYPICAL SECTION
& DRAINAGE DETAILS
 CITY OF WICHITA PROJ. NO. 472-76-245-81047-000-000-001
 DELAMATER, FREUND & ASSOCIATES, P.A.
 ENGINEERS & ARCHITECTS
 WICHITA, KANSAS
 DATE: July, 1981
 DWG. NO. 89-LP-4