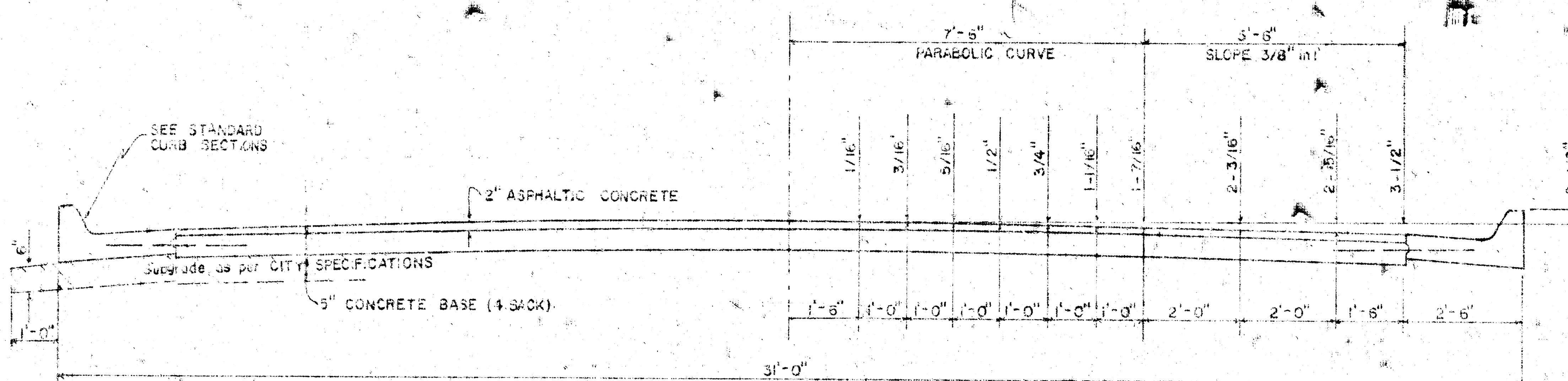


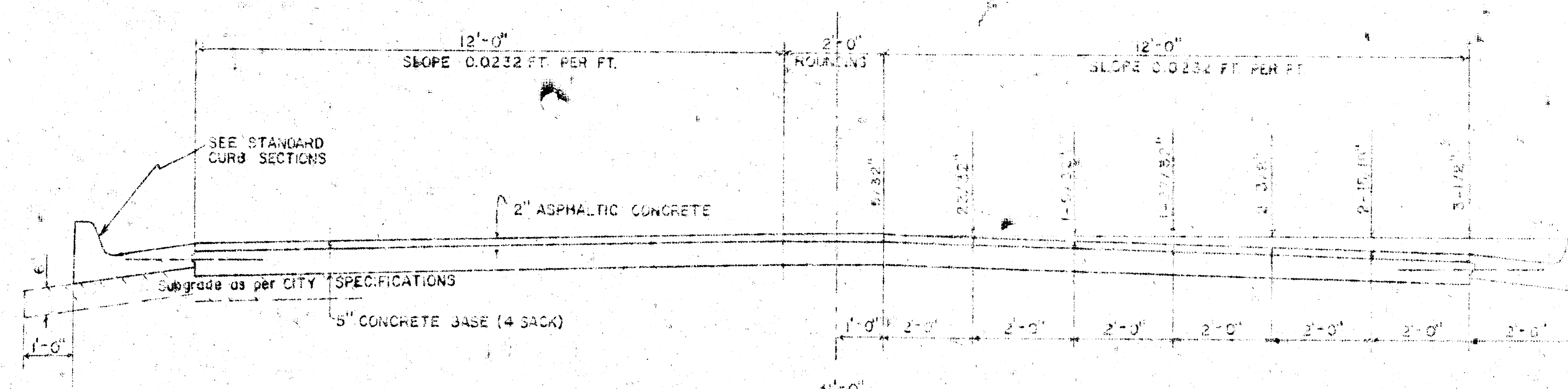
Columbine Lane

E.L. Benjamin Hills Estates To S.L. Red Bud Lane

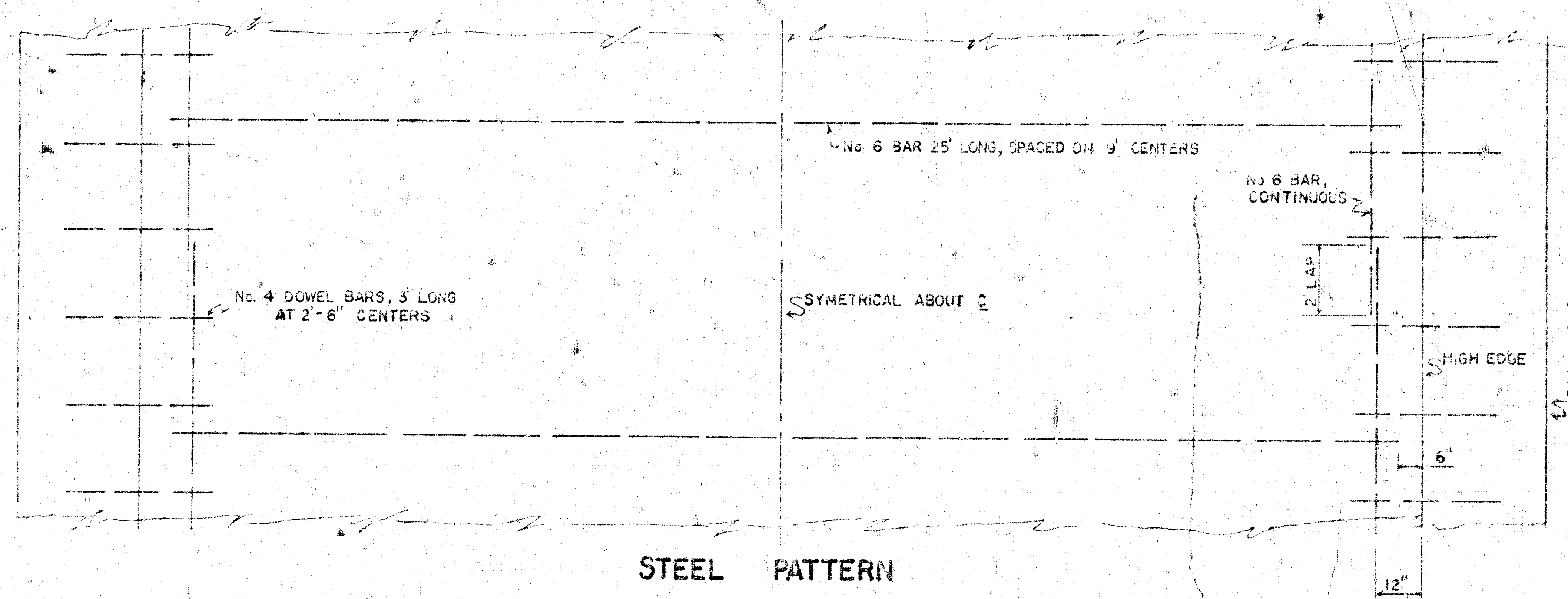
TYPICAL SECTIONS of 30' ASPHALTIC CONCRETE PAVEMENT



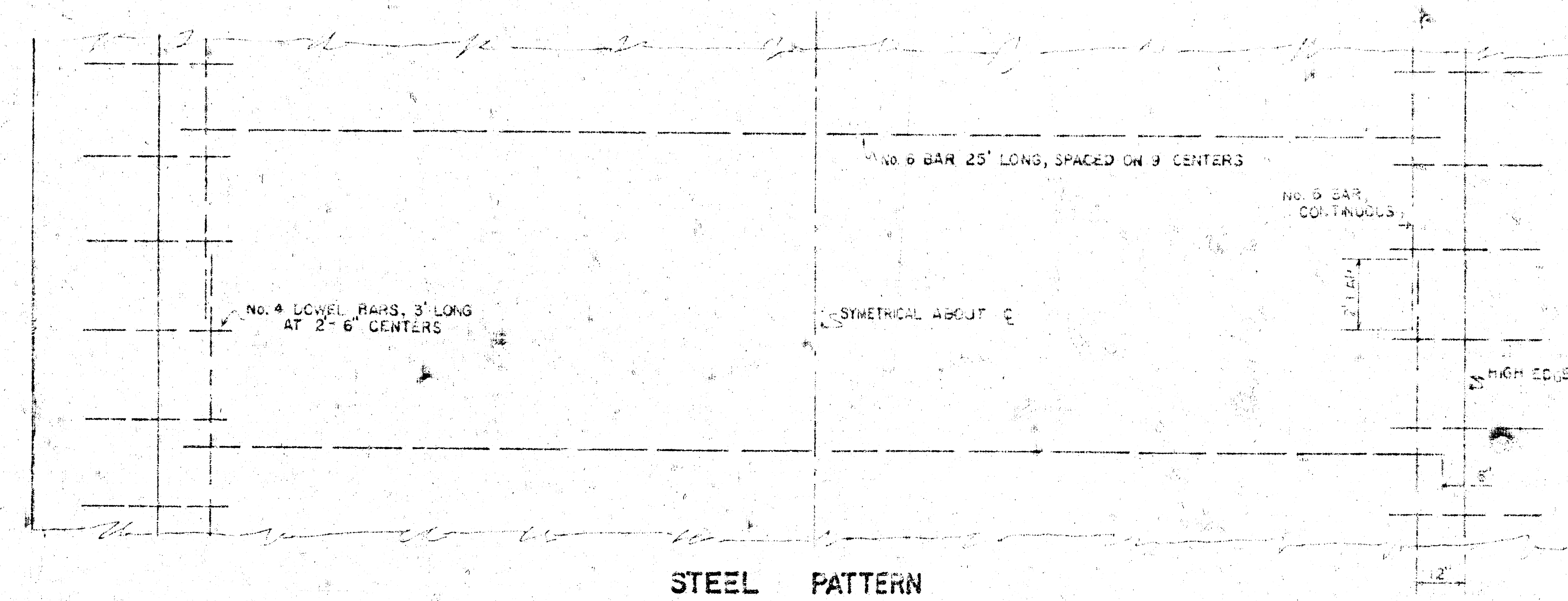
TYPICAL SECTION WITH STANDARD CROWN



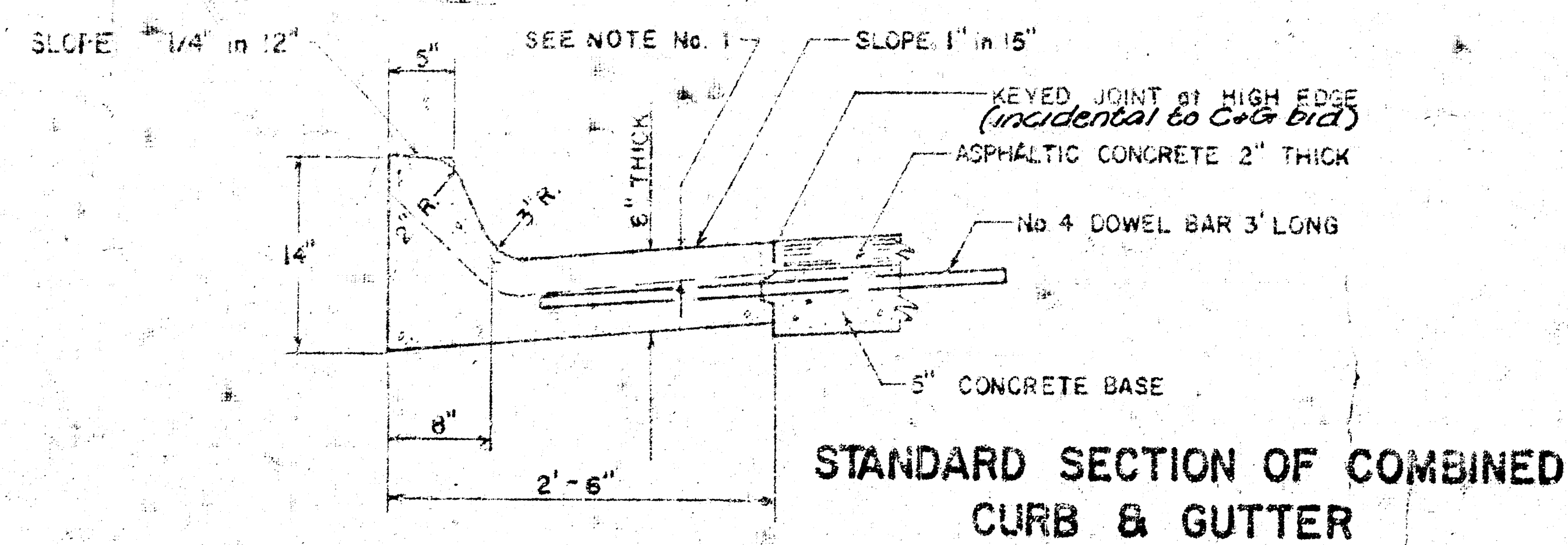
TYPICAL SECTION WITH ALTERNATE CROWN



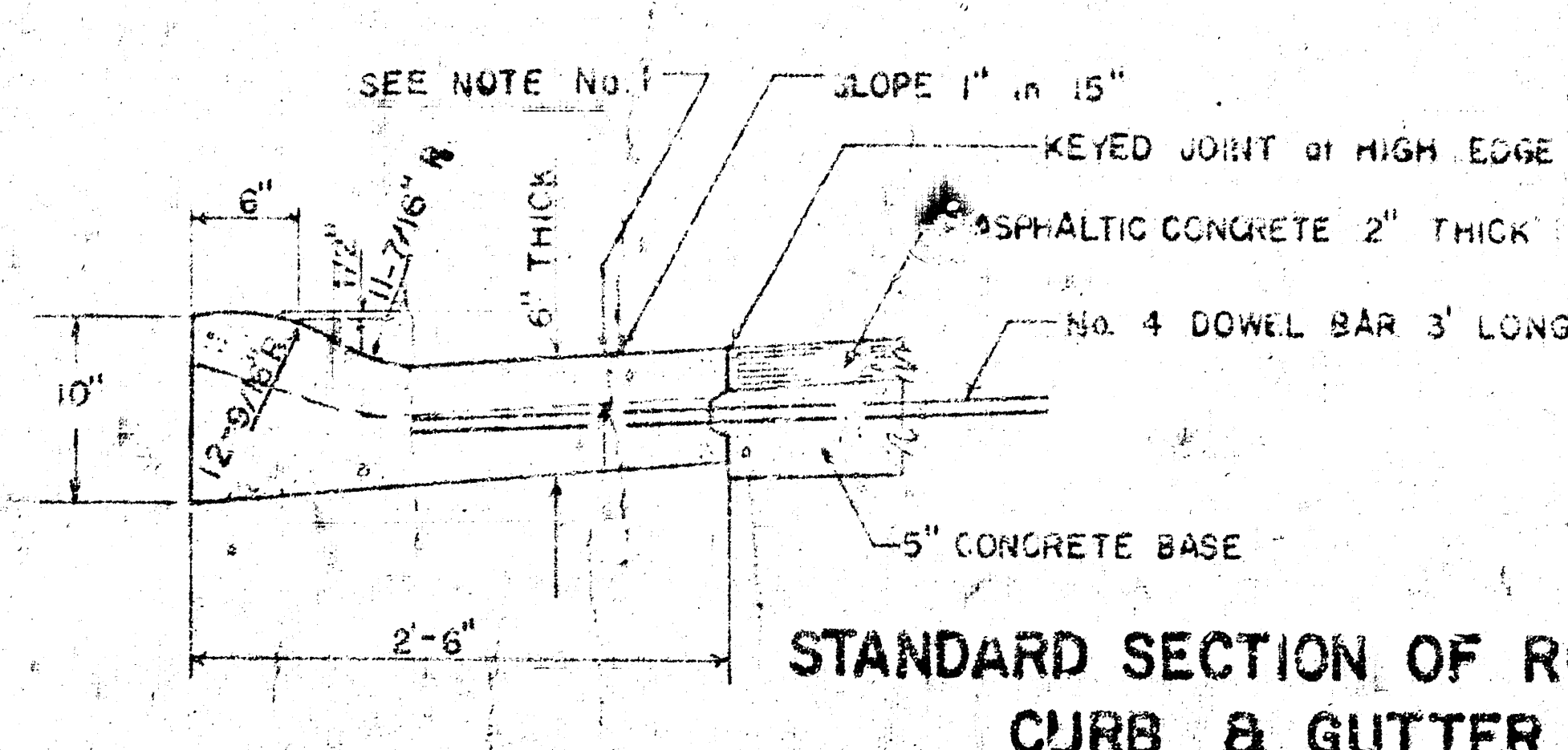
STEEL PATTERN



STEEL PATTERN



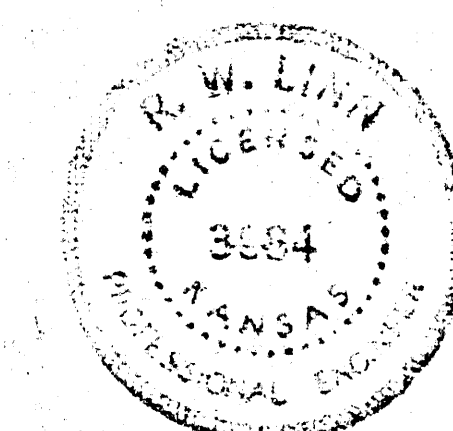
STANDARD SECTION OF COMBINED CURB & GUTTER



STANDARD SECTION OF ROLL-TYPE CURB & GUTTER

GENERAL NOTES

1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN COMBINED CURB AND GUTTER BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND 2-1/2" BELOW THE SURFACE OF THE GUTTER AND CURB. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10' AND BE FILLED WITH A SPECIFIED JOINT FILLER, SUCH THAT THE JOINT IN THE GUTTER SECTION WILL BE COMPLETELY FILLED.



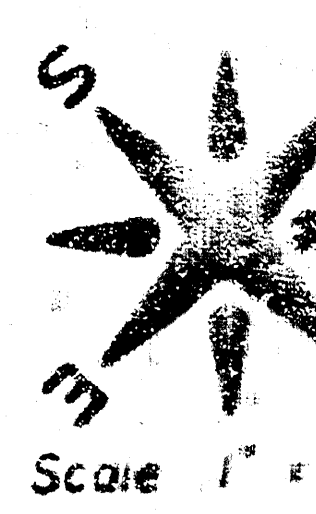
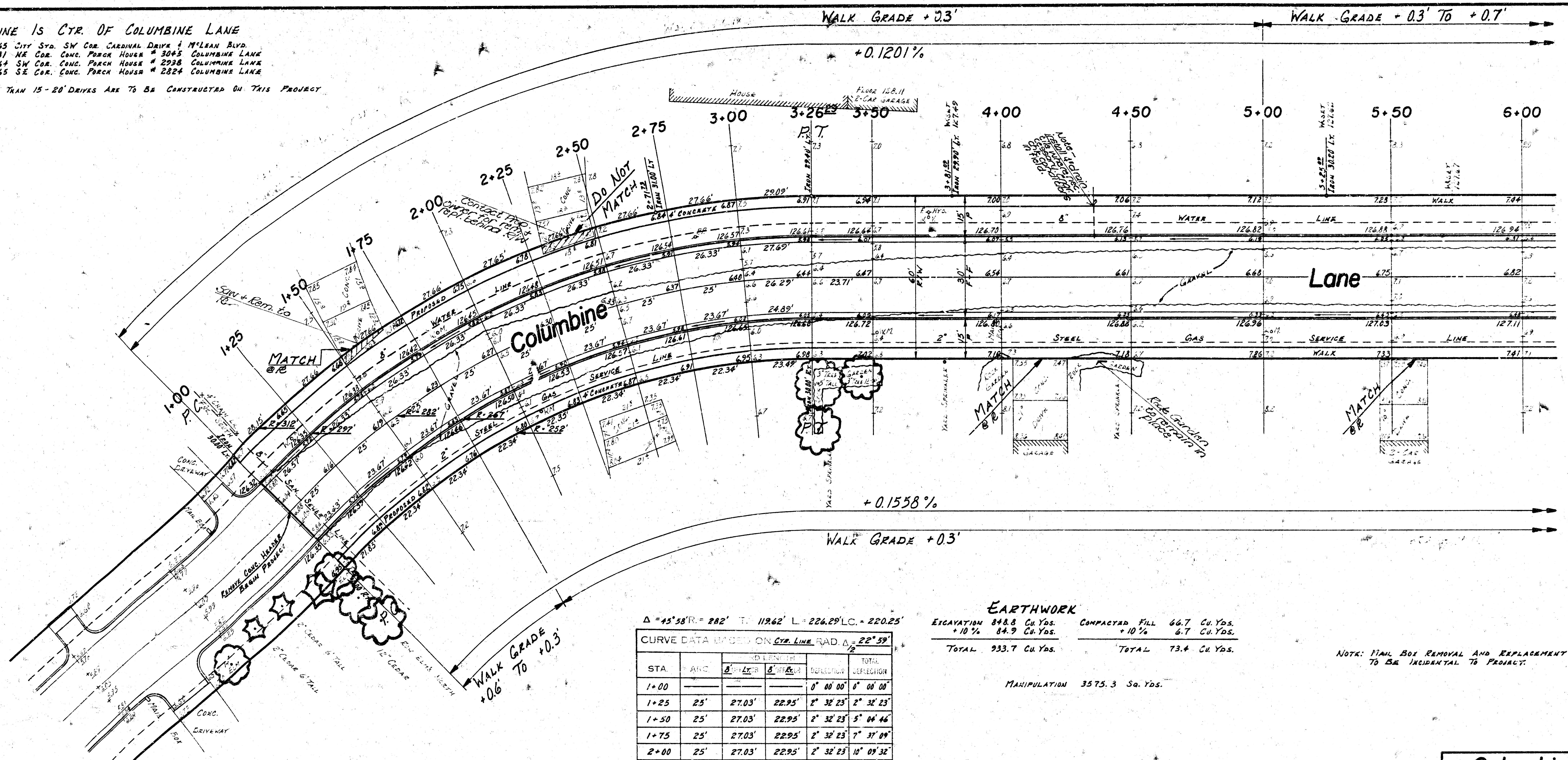
CITY OF WICHITA, KANSAS
Department of Public Works - Engineering Division
R.W. Linn City Engineer
Date: _____ Project No. DAKS566
Proj. No. 472 76 245 80015 000 000 001

1/5

BASELINE IS CTR. OF COLUMBINE LANE

B.M. 12865 CITY STD. SW COR. CARDINAL DRIVE & McLEAN BLVD.
 B.M. 12931 NE COR. CONC. PORCH HOUSE # 3045 COLUMBINE LANE
 B.M. 12964 SW COR. CONC. PORCH HOUSE # 2998 COLUMBINE LANE
 B.M. 12965 SE COR. CONC. PORCH HOUSE # 2824 COLUMBINE LANE

NO MORE THAN 15-20' DRIVES ARE TO BE CONSTRUCTED ON THIS PROJECT



$\Delta = 45^\circ 58' R = 282' T = 119.62' L = 226.29' LC = 220.25'$

CURVE DATA BASED ON CTR. LINE RAD. $\Delta = 22^\circ 59'$

STA.	ARC	CHORD	CHORD BEARING	CHORD DEFLECTION	TOTAL DEFLECTION
1+00				0° 00' 00"	0° 00' 00"
1+25	25'	27.03'	22.95°	2° 32' 23"	2° 32' 23"
1+50	25'	27.03'	22.95°	2° 32' 23"	5° 04' 46"
1+75	25'	27.03'	22.95°	2° 32' 23"	7° 37' 09"
2+00	25'	27.03'	22.95°	2° 32' 23"	10° 09' 32"
2+25	25'	27.03'	22.95°	2° 32' 23"	12° 41' 55"
2+50	25'	27.03'	22.95°	2° 32' 23"	15° 14' 18"
2+75	25'	27.03'	22.95°	2° 32' 23"	17° 46' 41"
3+00	25'	27.03'	22.95°	2° 32' 23"	20° 19' 04"
3+26.29	26.29'	28.42'	24.14°	2° 40' 14"	22° 59' 18"

DEFL./FT. = 6.095295493 MIN.

EARTHWORK

EXCAVATION 848.8 Cu. Yds.	COMPACTED FILL 66.7 Cu. Yds.
+10% 84.9 Cu. Yds.	+10% 6.7 Cu. Yds.
TOTAL 933.7 Cu. Yds.	TOTAL 73.4 Cu. Yds.

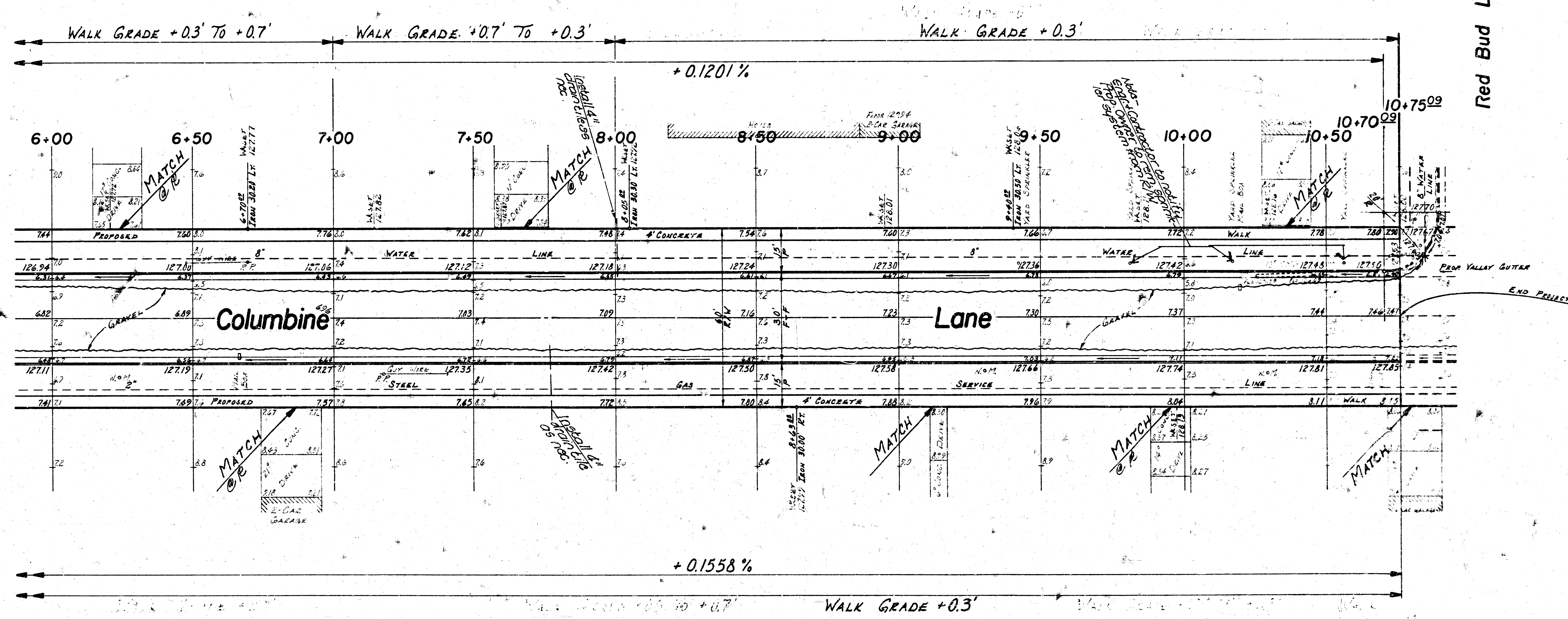
MANIPULATION 3575.3 Sq. Yds.

NOTE: MAIL BOX REMOVAL AND REPLACEMENT TO BE INCIDENTAL TO PROJECT.

SUB-GRADER
 TYPE OF SUB-GRADER TO BE USED TO BE DETERMINED BY THE SUB-GRADER. THE SUB-GRADER SHALL BE A MINIMUM OF 10' WIDE AND 10' HIGH. THE SUB-GRADER SHALL BE A MINIMUM OF 10' WIDE AND 10' HIGH. THE SUB-GRADER SHALL BE A MINIMUM OF 10' WIDE AND 10' HIGH.

NOTE TO FIELD ENGINEER & CONTRACTOR
 Grade, paving and clear-right-of-way for proposed sidewalk. Co. post-holes in sidewalk over to be constructed by OTHERS.

Columbine Lane
 E.L. Benjamin Hills Estate
 To S.L. Red Bud Lane
 Asphaltic Concrete Pavement
 30' F-F With Comb. Cb. &
 City Of Wichita, Kansas
 R. W. Linn City Engineer
 Proj. No. 472 76 245 80015 000
 Proj. No. DAKS566051 Date:



Columbine Lane
E.L. Benjamin Hills Estates
To S.L. Red Bud Lane
Asphaltic Concrete Pavement
30' F-F With Comb. Cb. &
City Of Wichita, Kansas
R. W. Linn City Engineer
Proj. No. 472 76 245 80015 000 000
Proj. No. DAKS566751 Date: Sep. 3