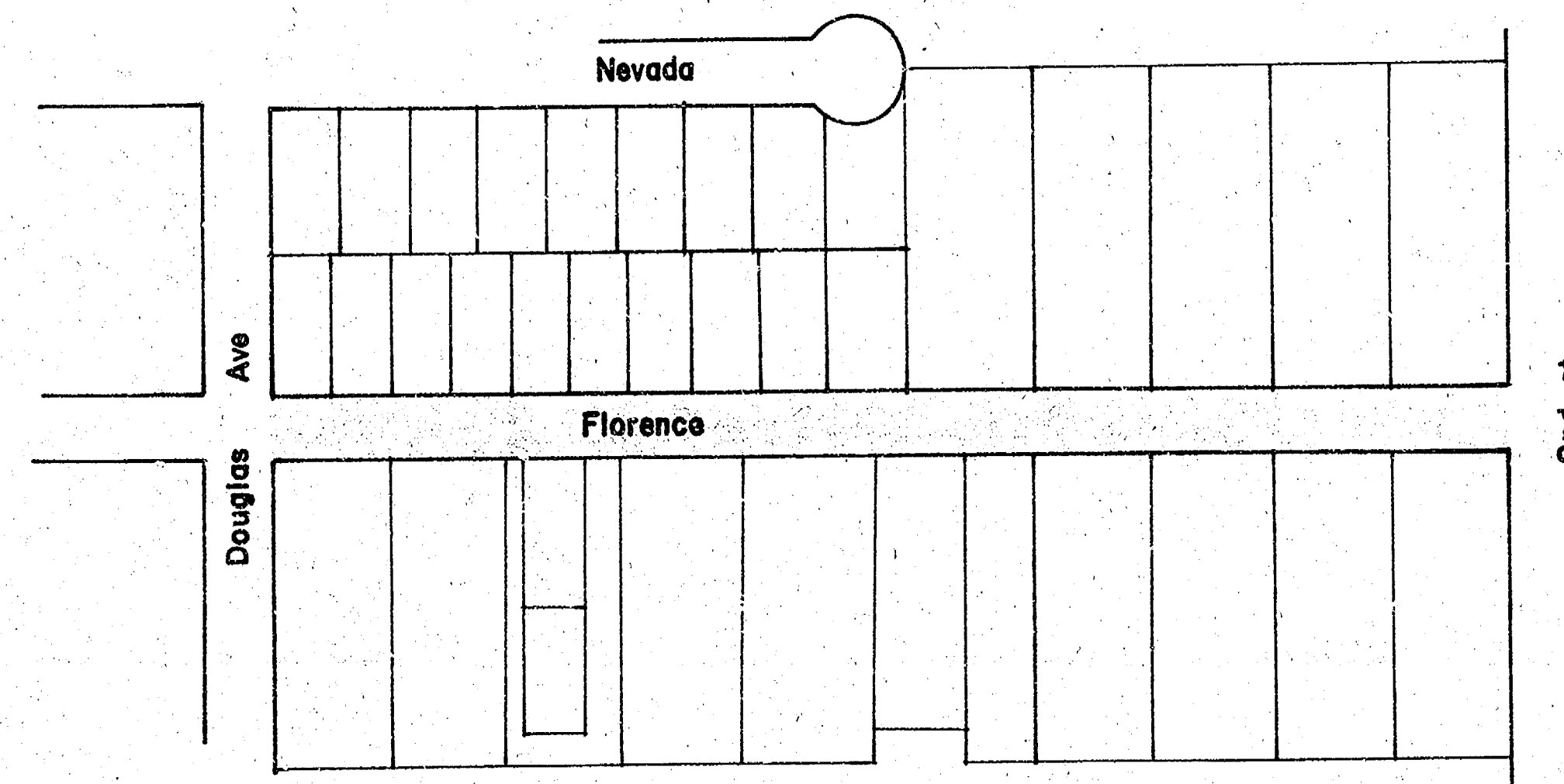
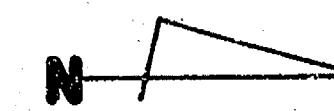
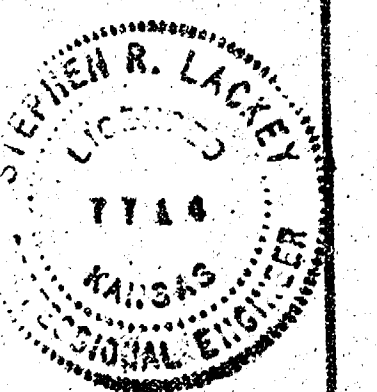


Florence st
from NL Douglas to SL 2nd st

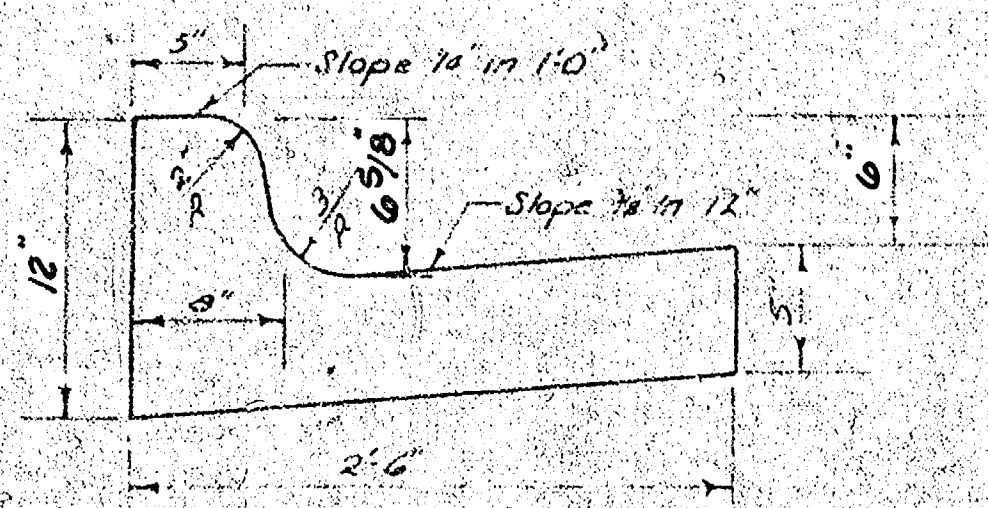


Department of Engineering
City of Wichita, Kansas
R.W. Bruggeman Dir. Engineering / City Engineer
Proj. no. 472-76-245-81115-000-000-001
Date: _____

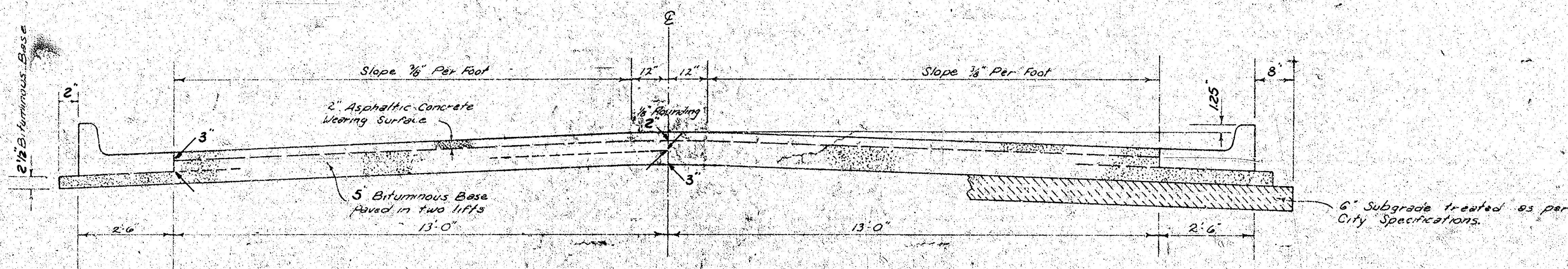
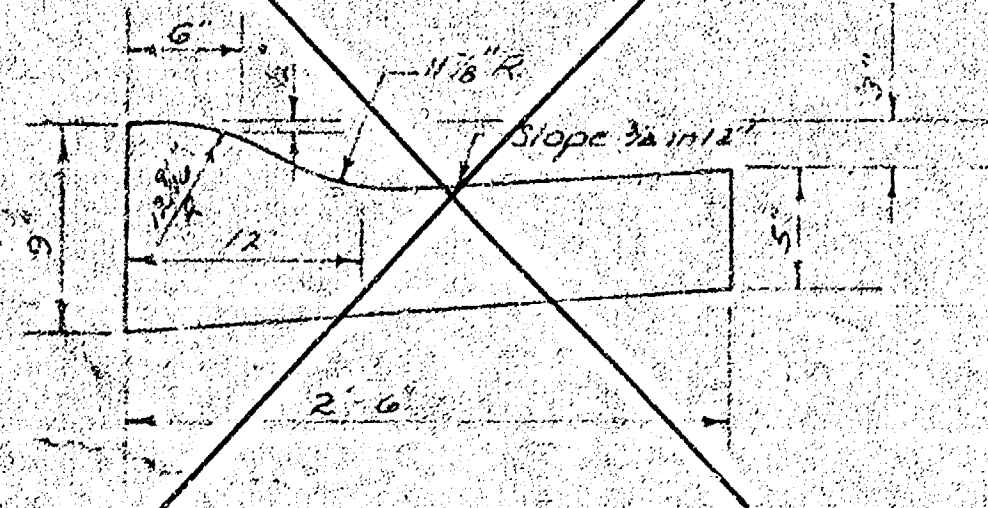


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COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



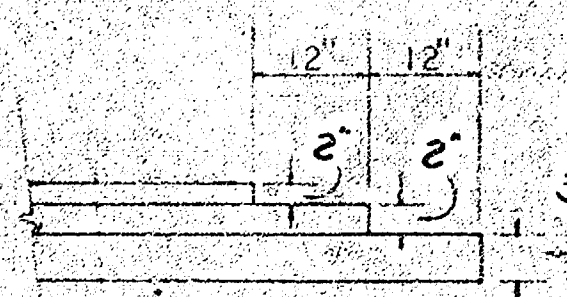
TYPICAL SECTION

31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN 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 SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

The A.C. pavement between the Comb. Curb & Gutter shall be paid as Sec. 7 A.C. Pavement (5 Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as Sec. 2 1/2 Bituminous Base.

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS 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.

CITY OF WICHITA, KANSAS
DEPARTMENT OF ENGINEERING

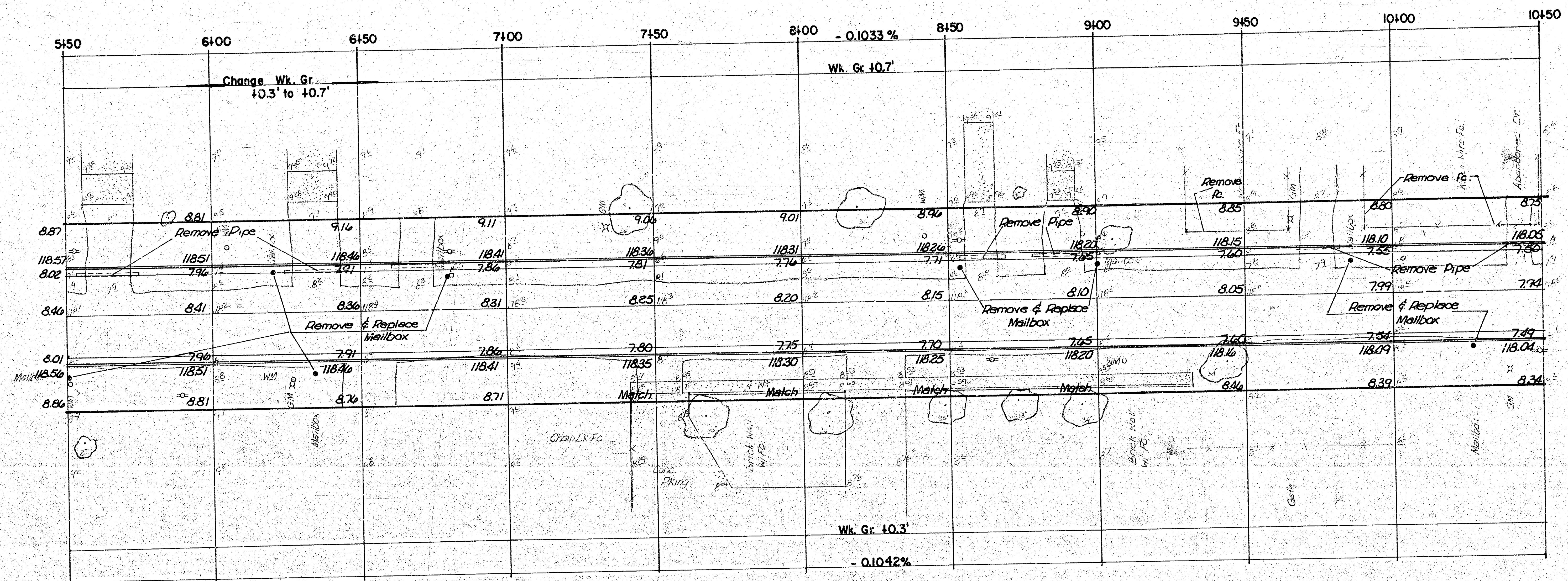
2/8

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Florence Ave
NL Douglas to SL Second st
Proj.no. 472-76-245-8115-000-000-001

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Project No. 472-76-245-81115-000-000-000

Sheet No. _____

MEASURED QUANTITIES FOR FINAL ESTIMATES ON PAVING

(26-2-30)

Form 192 066

STREET NAME Florence St FROM NL Douglas TO St Second CONTRACTOR MID-KANSAS CONST. KIND OF PAVEMENT 7" AC PAVEMENT (5" BIT BASE)

Sta.	Width	Dist.	Av. Width	Area	Square Yards Pavement	End Area At Station	Dist.	Av. Area	Volume	Cubic Yards Excavation	
0+30	24.0	1261.3	24.0	3273.8	3643.8	0+30 21.0	20'	19.3	14.3	14.3	LIN. FT. COMB. CB & GTR
0+30	24.0	1261.3	24.0	3273.8	3643.8	0+50 17.6	50'	11.5	21.3	21.3	1261.0 + 1261.5 = 2522.5
12+91.2	24.0					1+00 5.3		8.0	14.8	14.8	
						1+50 10.6		7.6	14.1	14.1	SY 2 1/2" BIT. BASE
						2+00 4.6		6.0	11.1	11.1	(2.67 x 2522.5) ÷ 9 = 748.3
SY 5" ASPH. HOOKUP						1+50 7.4		5.9	10.9	10.9	
32.0 x 24.0						3+00 4.3		7.9	14.6	14.6	SY MANIP.
1 x (2.57 x 142.0)						1+50 11.5		12.9	23.9	23.9	(3.17 x 2522.5 ÷ 9) + 3643.8 = 4532.2
						4+00 14.2		14.2	26.3	26.3	
						1+50 14.2		15.1	28.0	28.0	TONS CEMENT
						5+00 14.0		14.0	25.9	25.9	CALC. = 47# / SY MANIP = 106.5
						1+50 12.0		14.8	31.1	31.1	TICKETS = 103.35 USE
						6+00 21.5		22.8	42.2	42.2	
						1+50 24.1		27.2	50.4	50.4	REM. & REPL. MAILBOXES
						7+00 30.3		25.5	47.2	47.2	9 + 8 + 4 = 21
						1+50 30.6		22.5	41.7	41.7	
						8+00 24.4		22.8	42.2	42.2	REM. PIPE
						1+50 21.1		20.4	37.8	37.8	60.0 + 114.0 + 67.0 = 241.0
						9+00 19.7		21.6	40.0	40.0	
						1+50 23.5		23.5	43.5	43.5	
						10+00 23.4		25.2	46.7	46.7	2 INLET HOOKUPS
						1+50 27.0		34.5	63.9	63.9	1 CONC. FLUME
						11+00 41.9		41.4	76.7	76.7	
						1+50 10.8		38.8	71.9	71.9	REM. FENCE
						12+00 36.8		50'	75.6	75.6	35.0 + (4 x 8.0) + 58.0 = 125.0
						1+50 44.7		41.4	31.8	31.8	
						1+91.4		18.9			
								76.2	96.9	96.9	
											SF 6" DRIVE
											33350.0 • 190.0
											275.0 • 210.0
											21410.0 • 190.0
											2770.0
											2285.0
											210.0
											256.0
											245.0
											215.0
											190.0
											248.0
											170.0
											228.0
											4227.0
											495.0
											8235.0
SY 5" ASPH. HOOKUP											
TONS CEMENT											
LF PIPE REMOVED											
LF FENCE REMOVED											
Square Yards Pavement											
SY 2 1/2" BIT. BASE											
C & G											
6" Dr.											
Cubic Yards Excavation											
SY MANIP.											
TONS INLET CONC. CONC.											
REINFORCING #1											
L.S.											
400.00											
Property	130.0	21	241.0	125.0		3644.0	748.0	2523.0	8235.0	965.0	4532.0
City											
Totals											

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HOSLUND 8-82 1/11		STATEMENT OF COST				PROJ. NO. 472-74-245-81115-000-000-001		P.E. \$137,423.42	
		FOR CONSTRUCTION OF: FLORENCE ST-N. DOUGLAS AVE. TO S.L. END ST.				WORK DAYS: 0K: 1			
		QUANTITIES		UNIT	CONSTRUCTION	COSTS			
PROP.	CITY	TOTAL	PRICE	ITEM	PROP.	CITY	TOTAL		
		36,440'	14.10'	SQ. YD. 7" ASPH. CONC. PAVMT. (5" BIT. BASE)			51,380.42		
		148.0'	5.04'	SQ. YD. 2 1/2" BITUMINOUS BASE			3,749.92		
		2523.0'	6.29'	LIN. FT. COMBINED CURB & GUTTER			15,869.67		
		965.0'	1.50'	CU. YD. EXCAVATION			1,447.50		
		4532.0'	0.28'	SQ. YD. MANIPULATION			1,268.96		
		103.0'	30.00'	TONS CEMENT			3,090.00		
		8235.0'	2.15'	50 FT. 12" DRIVE			21,822.75		
		130.0'	11.23'	SQ. YD. 5" ASPHALT HOOKUP			1,459.90		
		21'	23.00'	EA. MAIL BOX REMOVED & REPLACED			483.00		
		241.0'	2.50'	LIN. FT. PIPE REMOVED			602.50		
		125.0'	0.40'	LIN. FT. FENCE REMOVED			50.00		
		2'	97.00'	EA. INLET HOOKUP			194.00		
		1'	185.00'	EA. CONCRETE FLUME			185.00		
		LUMP SUM	400.00'	CHANGE ORDER #1			400.00		
				SUBTOTAL			102,023.60		
				ENGINEERING & INSP.			10,137.42		
				ADMINISTRATION			1520.24		
				PUBLICATION			68.16		
				ABSTRACTING			7.00		
				CONSTRUCTION COST			113,756.42		
				TEMP. NOTE INTEREST			8203.43		
				TOTAL COST		121,959.85	0-	121,959.85	

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