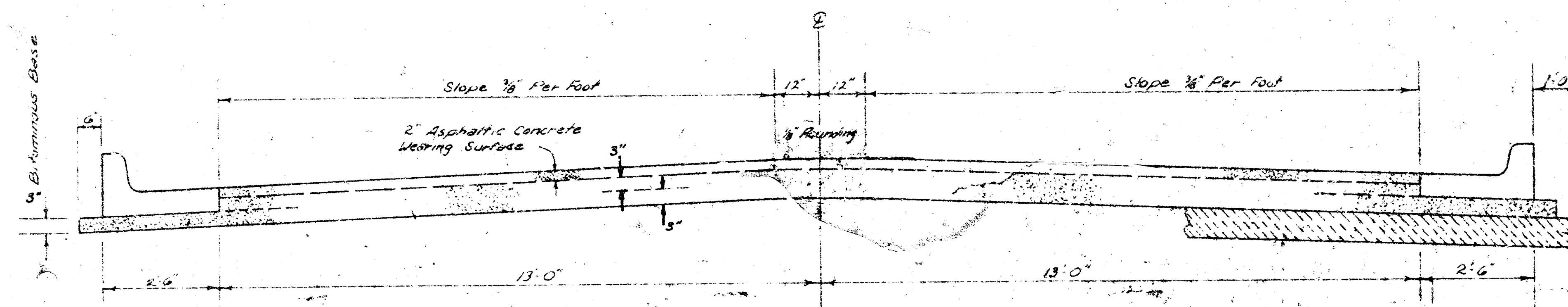


MAPLE LANE

SL. MAPLE STREET TO AND INCLUDING CUL-DE-SAC

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TYPICAL SECTION

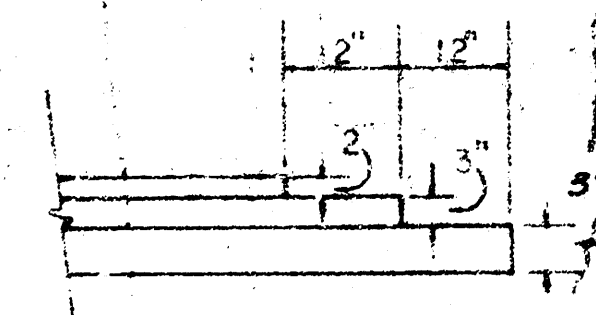
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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 5 1/2" A.C. Pavement (6" Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as 5 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 PUBLIC WORKS — ENGINEERING

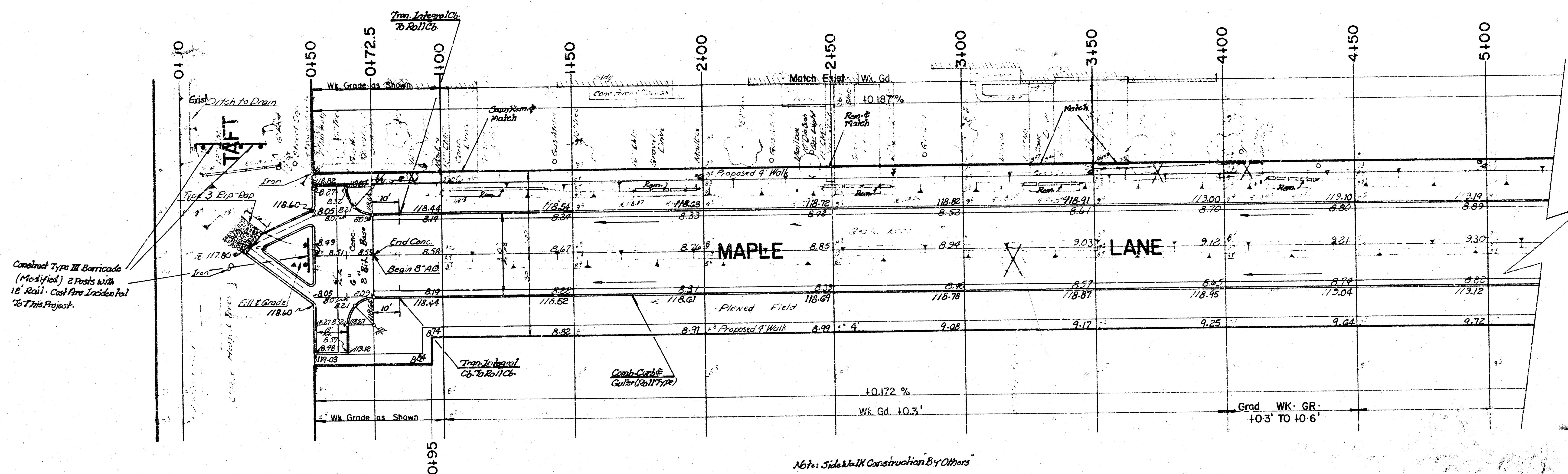
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B.M. 120.19 R.R. Spike in South face of power pole at center of Dugan on North side of Taft.
 B.M. 119.59 R.R. Spike in East face of power pole 450.0 ft. North of the North Line of Taft on the West side of Maple Lane.
 B.M. 121.85 City Std. Disc 33.7 ft. West and 34.3 ft. South of Quarter Section Corner at Dugan Road and Maple Street.

GENERAL NOTES

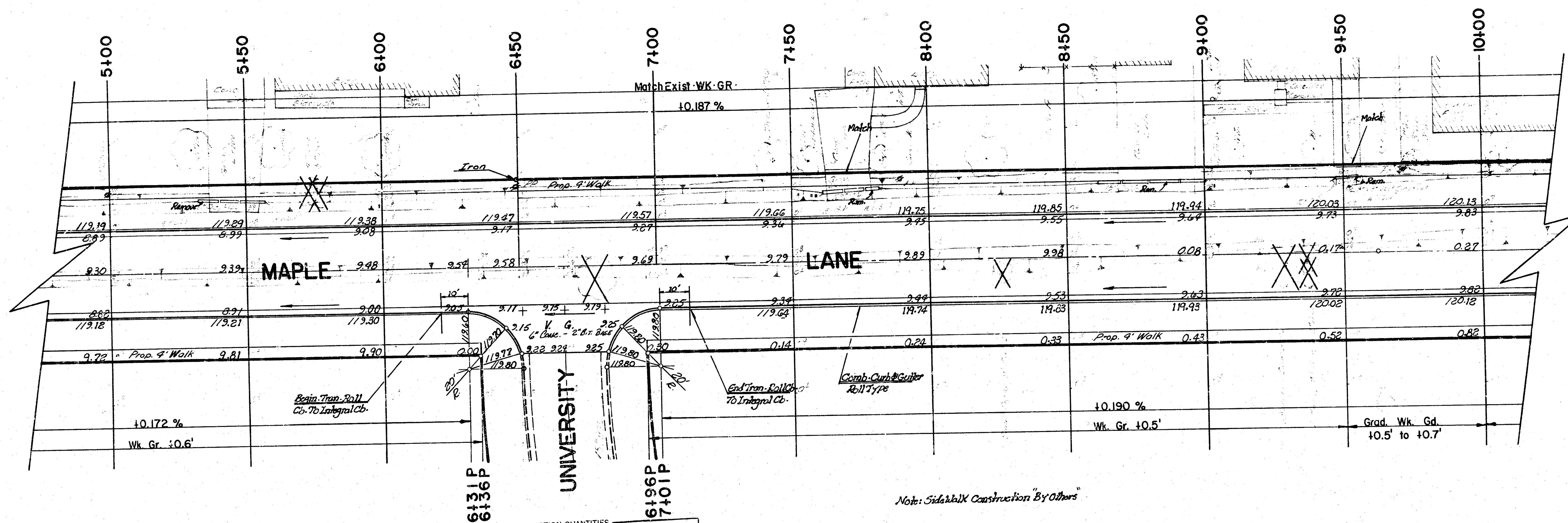
1. REMOVING AND REPLACING MAIL BOXES SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK.
2. CONTRACT QUANTITIES PROVIDE FOR CONSTRUCTION OF A MAXIMUM OF THIRTEEN (13) 20-FOOT DRIVEWAY APPROACHES OR AN EQUIVALENT COMBINATION THEREOF.
3. ELEVATION OF BACK OF WALK SECTION THROUGH DRIVEWAYS SHALL NOT EXCEED AN ELEVATION OF 1' 3" ABOVE THE TOP OF CURB. EXISTING DRIVES WHICH EXCEED THIS CRITERIA SHALL BE REMODED BACK OF THE RIGHT-OF-WAY LINE. ROLL CURB SHALL BE DERESSED THROUGH THE DRIVES CONSTRUCTED WITH THIS PROJECT.
4. TRANSITIONS FROM ROLL CURB TO FULL HEIGHT CURB SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK.
5. DRAINAGE FLUME AS SHOWN ON PLANS SHALL BE CONSTRUCTED WITH SURFACE MIX ASPHALT. COST OF DRAINAGE FLUME CONSTRUCTION SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK.
6. TYPE III RIPRAP SHALL CONSIST OF TWELVE (12) FEET OF ROCK PLACED ON A SIX (6) INCH GRAVEL BEDDING. SIZE RANGE OF ROCK SHALL BE FROM A MAXIMUM OF 48" TO A MINIMUM DIMENSION OF 1 1/2 INCHES.
7. COST FOR CLEANING OUT EXISTING CROSSROAD PIPE AT MAPLE LANE SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK.

Scale: 1" = 20'



B.M. 120.19 R.R. Spike in South face of power pole at center of Dugan on North side of 70th.
 B.M. 119.59 R.R. Spike in East face of power pole 450.0 ft. North of the North Line of 70th on the West side of Maple Lane.
 B.M. 121.85 City Std. Disc 33.7 ft. West and 34.3 ft. South of Quarter Section Corner of Dugan Road and Maple Street.

Scale: 1" = 20'



INTERSECTION QUANTITIES

86.7 S.Y.	8"	Concrete Pavement
86.7 S.Y.	8"	Asphaltic Conc. Pavement (6" Bituminous Base)
86.7 S.Y.	8"	Bituminous Base
42.6 L.F.		Combined Curb & Gutter
42.6 L.F.		Integral Curb
8.4 S.F.		4" Wheelchair Ramp
8.4 S.F.		4" Walk
68.6 C.Y.		Excavation
27.9 C.Y.		Compacted Fill
		Lbs. Reinforcing Steel
		S.Y. Manipulation
		Tons Lime or Cement
84.3 S.Y.	V.G. 8"	Concrete & 3" Asphaltic Concrete Base

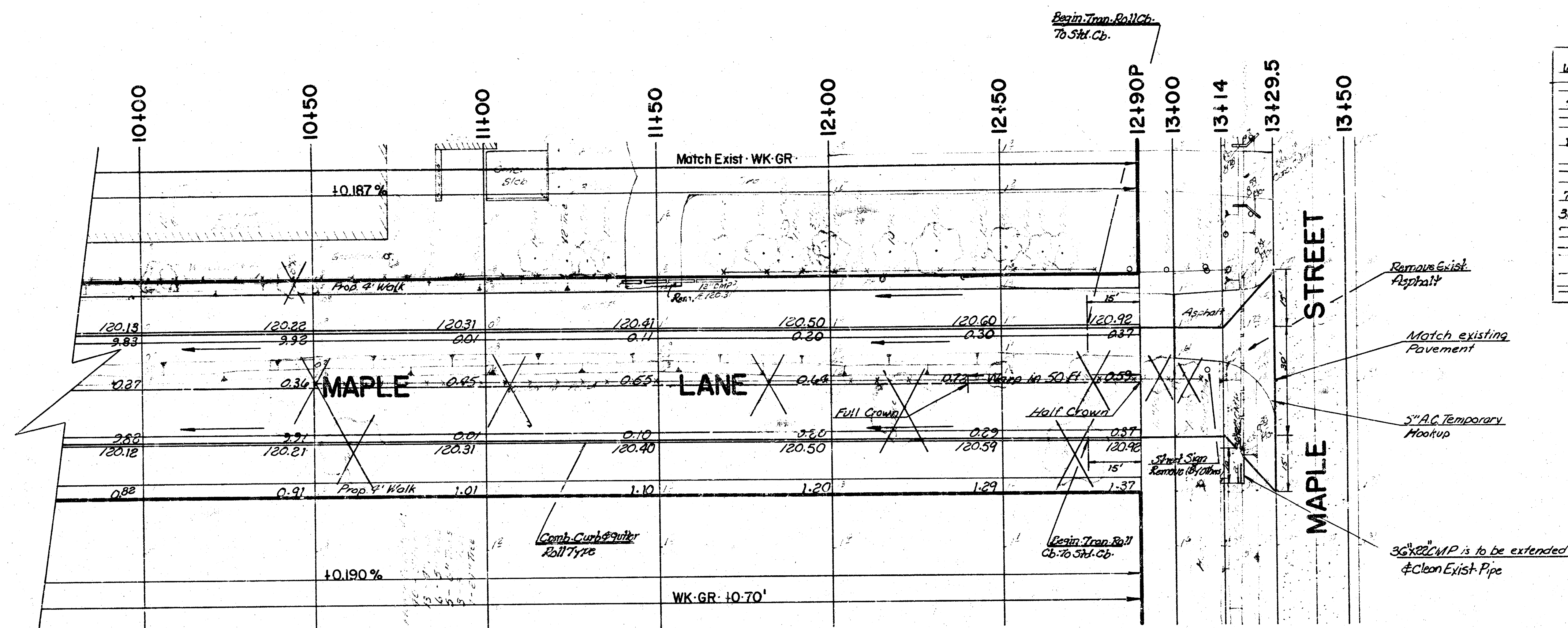
Note: Sidewalk Construction by Others

Maple Lane
 S.L. Maple to and including C. & S.
 472-74-295-80582-000-000-001

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B.M. 120.13 R.R. Spike in South face of power pole at center of Dugan on North side of T&M.
 B.M. 113.59 R.R. Spike in East face of power pole 450.0 ft. North of the North Line of T&M on the West side of Maple Lane.
 B.M. 121.85 City Sid. Disc 33.7 ft. West and 34.3 ft. South of Quarter Section Corner at Dugan Road and Maple Street.

Scale: 1" = 20'



INTERSECTION QUANTITIES

120.25	S.Y.	5" Asphalt Hookups
S.Y.	1" Asphalt Conc. Pavement (1" Bituminous Base)	
72.8	S.Y.	Asphalt Removed
L.F.	Combined Curb & Gutter	
10	L.F.	36"x22" CMP
2	L.F.	Large Trees to Be Removed
S.F.	4" Walk	
78.0	C.Y.	Excavation
30.6	C.Y.	Compacted Fill
Lbs.	Reinforcing Steel	
S.Y.	Manipulation	
Lbs.	Lime or Cement	
S.Y.	V.G.	Concrete & Asphaltic Concrete Base

Note: Sidewalk Construction by Others

Maple Lane
 S.L. Maple to and including Cul-de-Sac
 912-76-295-80582-000-000-001

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Sheet No. 1

Project No. 80382

MEASURED QUANTITIES FOR FINAL ESTIMATES ON PAVING

Form 192-066

STREET NAME NAPLES LANE FROM S. MAPLE TO E. 11th St. CONTRACTOR MID-KANSAS KIND OF PAVEMENT 5" ACW/6" BIT

STREET NAME	FROM	TO	COMMISSIONER															
NAPLES LANE	SUN MIDDLE																	
Sta.	Width	Dist.	Av. Width	Area	Square Yards Pavement	End Area At Station	Area	Dist.	Av. Area	Volume	Cubic Yards Excavation	6" DR (3 DR)	Tree Rem (Inch. diam. or less)	Stamp				
0+12.5	26.0	12.5	26.0			0+50	103.4	2.5	97.45			328						
12+20	26.0		26.0			0+62	91.5	~	~	FILLET	1.22Y	314						
						0+62	41.9	10.0	49.35			349						
						0+72	56.8	~	~			333	HERSE REM (INCH. DIAM. 2" FENCE)					
						0+72	62.9	~	~			333	10+40 TO 13+11 = 271 LF					
50+45	2	10				1+50	34.7	77.5	48.8			288	(8+53)					
						2+00	27.1	50.0	30.9			478	DR REM 2" FENCE (INCH. DIAM.)					
						2+50	31.4	50.0	29.25			184	108 X 0.67 = 67.56					
						3+00	26.7	50.0	29.05			188	108 LF SAW					
						3+50	25.6	50.0	26.15			2,785 SF						
						4+00	24.7	50.0	25.15									
						4+50	38.7	50.0	28.7			CONT. EXCAV.						
						5+00	42.0	50.0	40.85			12+50	56.5	40.0 71.25				
						5+50	38.7	50.0	40.35			12+90	86.0	25.0 64.4				
52+40	3					6+00	27.3	50.0	33.0			13+15	42.8	5.0 40.05				
						6+50	21.8	51.0	21.05			13+20	37.3	9.5 37.15				
						7+00	20.3	45.0	19.3			13+22	37.0					
						7+50	18.3	~	~	FILLET	13.60Y	42,231.30	2316.6					
						8+00	15.5	36.0	18.3			TOTAL	2,340.40Y					
						8+50	21.1	~	~			PROP. 40,480.3 ÷ 43,501.9 X 2,340 = 2,177.9Y						
						9+00	18.9	15.0	25.35			CITY 3,021.6 ÷ 43,501.9 X 2,340 = 163.9Y						
						9+50	31.8	~	~									
						10+00	42.8	30.0	44.65									
						10+50	46.5	~	~									
						11+00	35.5	~	~									
						11+50	23.2	15.0	32.25									
						12+00	49.5	~	~									
						12+50	42.0	54.0	42.25									
						13+00	51.7	50.0	50.35									
						13+50	49.4	50.0	50.55									
						14+00	47.4	50.0	48.4									
						14+50	60.2	50.0	53.8									
						15+00	59.8	50.0	60.0									
						15+50	62.5	50.0	64.65									
						16+00	68.2	50.0	68.25									
						16+50	75.1	60.0	71.65									
						17+00	74.1	50.0	74.6									
						17+50	54.5	50.0	65.3									
Property	249	788.4	0.0	132.0	3,431.0	134.4	2,365.3	2,793	2,177	100	67	0.0	6	6	0	1	271	271
City	0	0.0	160.0	84.2	86.7	42.6	0.0	0	163	0.0	0.0	72.3	0	0	10	0	0	0
Totals																		

Map of land
80' x 15' 7' 4"

STATEMENT OF COST				PROJ. NO. 4127424500582.000.000.001			P.E.
FOR CONSTRUCTION OF: MAPLE LANE S.I. MAPLE TO & INCL. CUL-DE-SAC							102,074.85
WORKING DAYS ~ OK							1/2
QUANTITIES				COSTS			
PROP.	CITY	TOTAL	UNIT	CONSTRUCTION ITEM	PROP.	CITY	TOTAL
3,431	87	2,518	8.09	SQ YDS. 8" RC (6" BIT BASE)	27,756.79	703.83	28,460.62
788	0	788	4.40	SQ YDS. 3" BIT BASE	3,467.20	0.00	3,467.20
2,365	0	2,365	5.65	LIN. FT. CONC. CURB & GUTTER	13,362.25	0.00	13,362.25
134	43	177	2.00	LIN. FT. INTEGRAL CURB	268.00	86.00	354.00
132	84	216	20.00	SQ YDS. 8" VG. (6" CONC. - 2" RS.)	2,640.00	1,680.00	4,320.00
2,177	163	2,340	2.30	CUL. YDS. EXCAVATION	5,007.10	374.80	5,381.90
2,793	0	2,793	2.65	SQ. FT. 6" DRIVE	7,401.45	0.00	7,401.45
6	0	6	30.00	LARGE TREES REMOVED	540.00	0	540.00
6	0	6	35.00	SMALL TREES REMOVED	210.00		210.00
271	0	271	16.00	LIN. FT. LARGE HEDGE REMOVED	4,336.00		4,336.00
1	0	1	20.00	STUMP REMOVED	20.00		20.00
271	0	271	1.00	LIN. FT. FENCE REMOVED	271.00		271.00
249	0	249	2.75	LIN. FT. PIPE REMOVED	684.75		684.75
7	0	7	0.40	SQ. FT. CONC. WALK REMOVED	2.80		2.80
14	0	14	23.00	SQ. YDS. RIP-RAP (TYPE III)	322.00		322.00
10	0	10	0.60	LIN. FT. SAWED JOINT	6.00	0.00	6.00
0	160	160	12.50	SQ. YDS. ASPH. HOOK-UP	0.00	2,000.00	2,000.00
0	10	10	40.00	LIN. FT. 36"x22" CMPR	0.00	400.00	400.00
0	73	73	0.65	SQ. YDS. ASPH. REMOVED	0.00	47.45	47.45
				SUBTOTAL	66,295.34	5,292.18	71,587.52
				ENGINEERING AND INSP.	10,909.87	871.85	11,781.72
				ADMINISTRATION	994.35	79.46	1,073.81
				PUBLICATION	54.50	-	54.50
				ABSTRACTING	7.00	-	7.00
				CONSTRUCTION COST	78,261.06	6,243.49	84,504.55
				TEMP. NOTE INT.	3596.04	287.37	3,883.41
				TOTAL COST	81,857.10	6,530.86	88,387.96

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