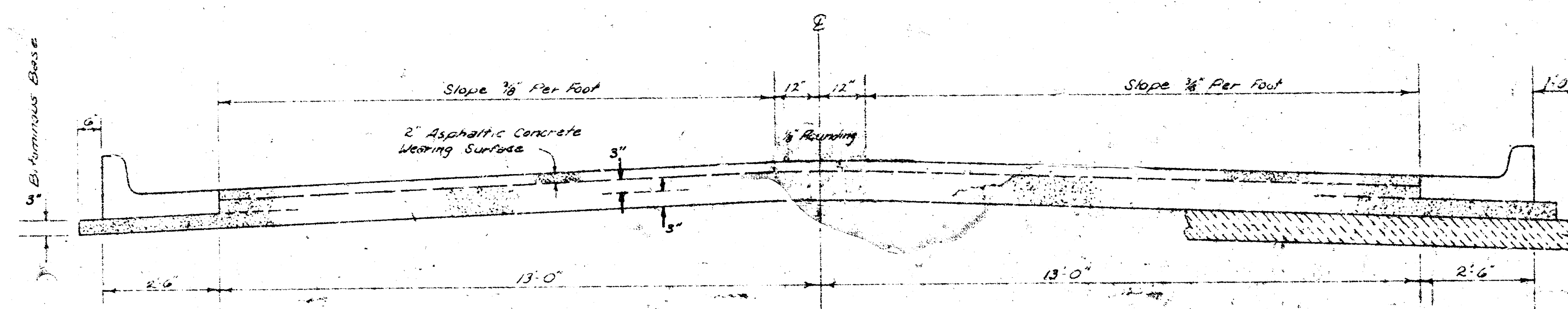


MAPLE LANE

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

472-76-245-80582-000-000-C01



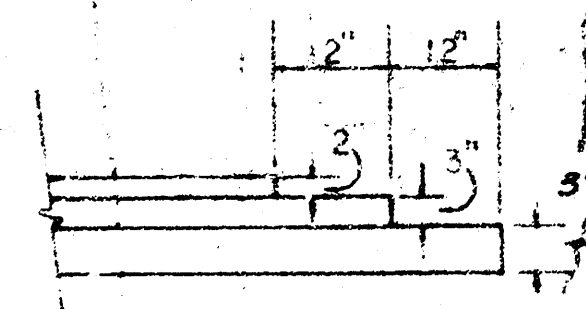
TYPICAL SECTION

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.

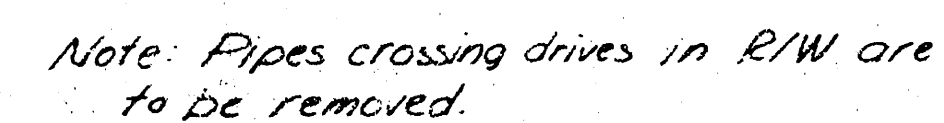
CITY OF WICHITA, KANSAS
DEPARTMENT OF PUBLIC WORKS — ENGINEERING

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AVAILABLE COPY

DeCicco & TCD3
Mountin

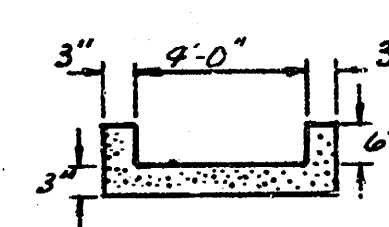
Scale : 1" = 20'

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 CURB. THEREFORE, EXISTING CURB EXCEEDING THIS CRITERIA SHALL BE REMOVED BACK OF THE RIGHT-OF-WAY LINE. ROLL CURB SHALL BE DEPRESSURED 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) ~~THIRTY~~ ^{FOUR} INCHES OF ROCK PLACED ON A SIX (6) INCH GRAVEL BEDDING. SIZE RANGE OF ROCK SHALL BE FROM A MAXIMUM OF $\frac{1}{4}$ ~~of the~~ ^{of the} ~~width~~ ^{width} OF ROAD TO A MINIMUM DIMENSION OF 1 1/2 INCHES.
7. COST FOR CLEANING OUT EXISTING CROSSROAD PIPE AT ~~MANHOLE~~ ^{MANHOLE} SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK.



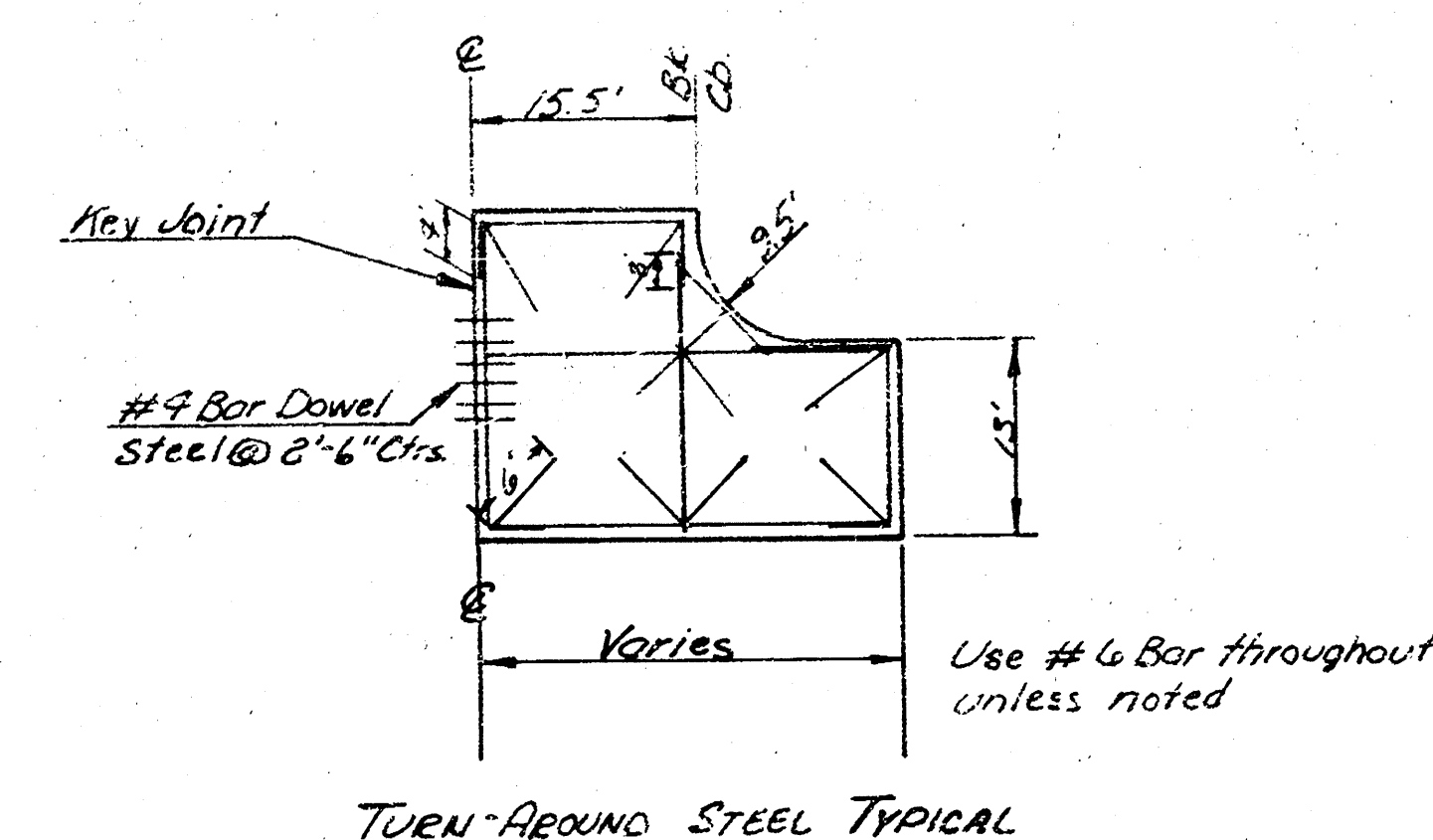
Trees to be removed are marked thus: except that any tree which in the opinion of the Field Engineer can be saved shall be saved.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.



ASPHALT - FLUME DETAIL

Excavation	2177.3 C.Y.	146.6 C.Y.
<u>+10 %</u>	<u>217.7 C.Y.</u>	<u>14.7 C.Y.</u>
TOTAL	2395.0 C.Y.	161.3 C.Y.
COMPACTED FILL	746.23 C.Y.	58.25 C.Y.



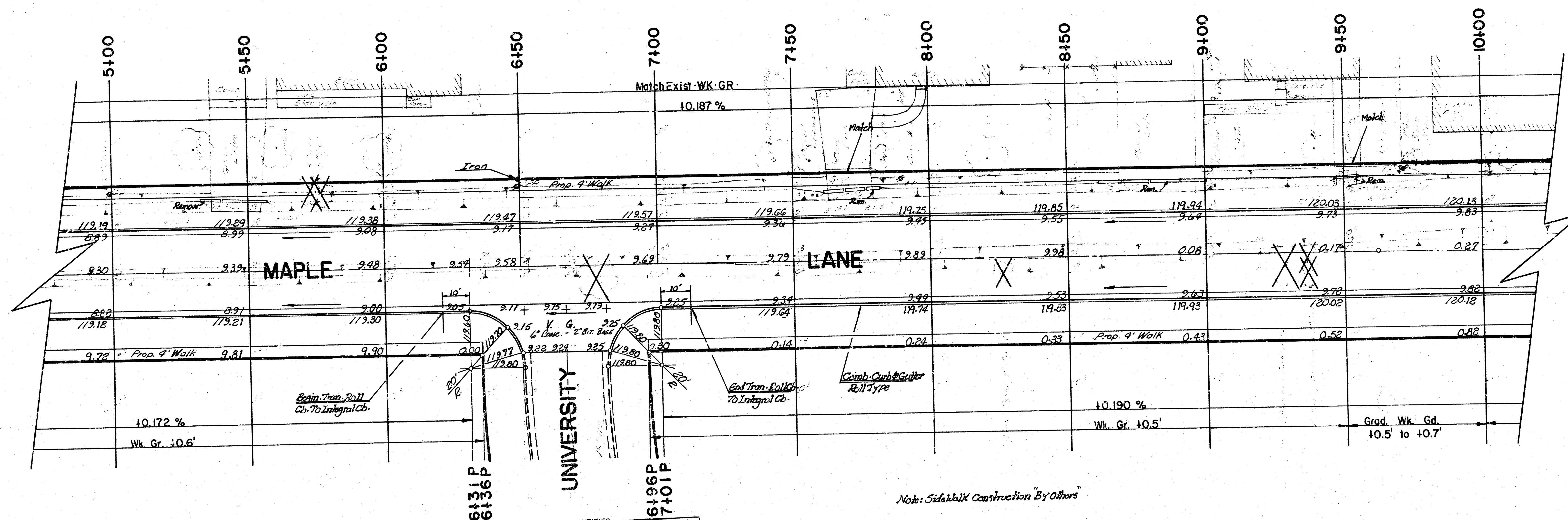
TURN-AROUND STEEL TYPICAL

MAPLE LANE
FROM S.L. MAPLE TO AND INCLUDING
CUL-DE-SAC
(8" ASPH.-CONC. PAV'T., COMB. C & G)
CITY OF WICHITA, KANSAS
R.W. Bruggeman Director Of Engineering / City Engineer
PROJECT NUMBER:
472-76-245-80582-000-000-001
DATE:

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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 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'



Note: Sidewalk Construction "By Others"

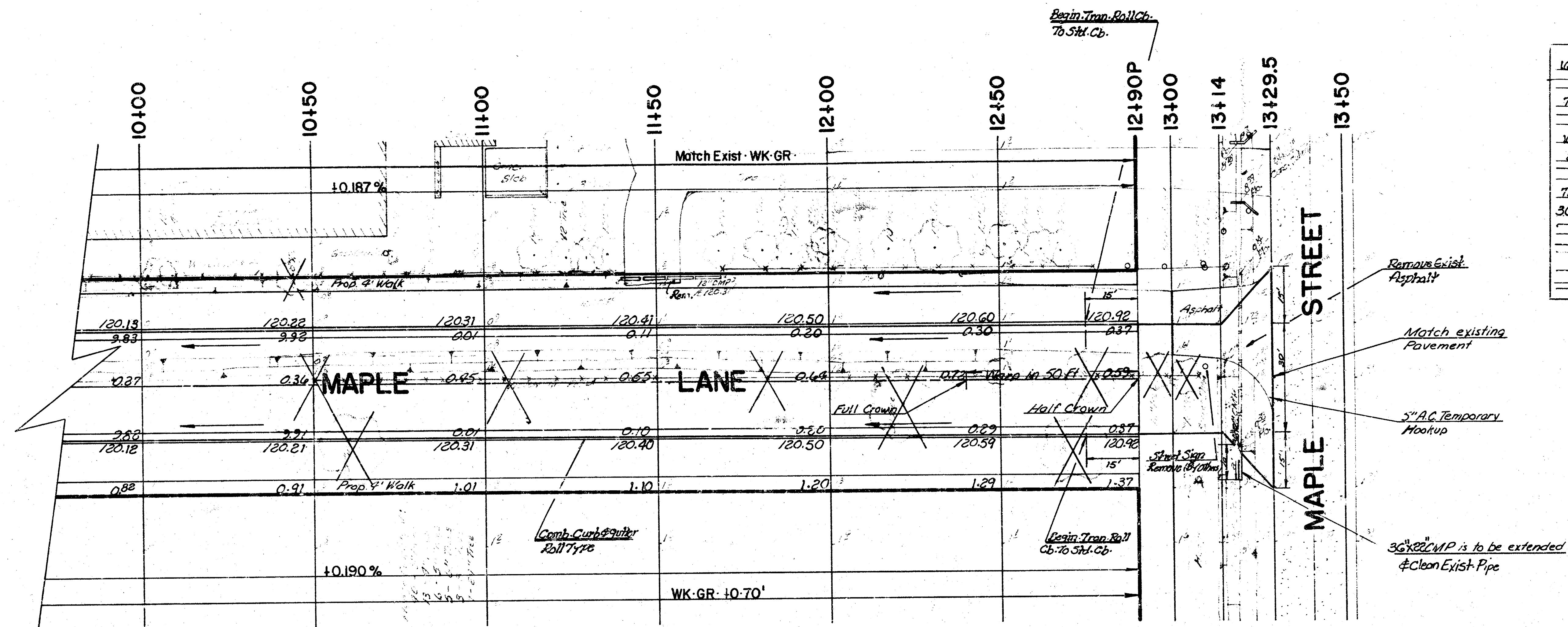
INTERSECTION QUANTITIES	
86.7 S.Y.	8" Concrete Pavement
86.7 S.Y.	8" Asphaltic Conc. Pavement (6" Bituminous Base)
86.7 S.Y.	8" Bituminous Base
42.6 L.F.	Combined Curb & Gutter
42.6 L.F.	Integral Curb
8.0 S.F.	4" Wheelchair Ramp
8.0 S.F.	4" Walk
68.6 C.Y.	Excavation
27.9 C.Y.	Compacted Fill
1.0 Lbs.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

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"x28" CMP
2	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
	100 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 MAPLE LANE FROM S. MAPLE TO E. 11th CHIL-DESS CONTRACTOR MID-KANSAS KIND OF PAVEMENT 5" ACW/6" BIT

STREET NAME														FROM														TO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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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	27	27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Map of road
80' x 15' 7' 4'

STATEMENT OF COST				PROJ. NO. 4127424500582.000.000.001			P.E.
FOR CONSTRUCTION OF: MAPLE LANE ~ S.L. 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	5,027.10	374.80	5,382.00
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
	9/83			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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