TION, OR ANY COMBINATION OF THESE.

NOTE TO FIELD ENGINEER & CONTRACTOR
Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area.
TO BE CONSTRUCTED BY "OTHERS".

Note: Elevations shown on ...
level datum. B.M. = 1367.58 ... ¢ conc ...
ment N.S. R.C.B.C. MAINSGATE & 130' ...
easm't. ∞ CITY DATUM = 179.95 ∞

Lot 53
Lot 54
Lot 55
Lot 56
Lot 57
Block I
Lot 58
Lot 59
Lot 60
West Line 3rd Ad
To Crestview Heig
Roll Back Type Curb
P.L. R=381.137
R=366.637
Δ=53°36'
R=351.137
R=335.637
P.L. R=321.137
+0.5' Wk
+1.42%
Walk GR+0.3'
Sta. 1+31.83 P.C.
TC. 76.82 76.62
Conc. Valley Gutter
Sta. 0+00 End Return
TC. 75.08
4' Sidewalk (proposed)
Constr. of Sidewalk on LAMSON by Others
LAMSON
10' Transition from Std. Curb to Roll Back Curb
No Crown
Warp Crown 50'
19.5 R
TC. 74.61
Wheel Chair Ramp
EDGEMOOR
TC 75.08
Sta. 0+00 End Return
TC. 75.08
Sta. 1+28.22 P.C.
TC ~~76.90~~ 76.70
Lot 1
Lot 2
Lot 3
Block 2
Lot 4
Note: Elevations shown on plan are sea level data.
Walk ~~GR+0.3'~~ +0.5'
+1.522%
Sta. ~~4+74.82~~ 4+74.35 P.T.
TC ~~81.58~~ 81.83
P.I. elev 81.89 98.79 V.C.
+0.5' Wk
-1.18%
Sta. ~~4+98.91~~ 4+98.44 PC
TC ~~81.45~~
Δ = 15°23'49"
R = 146.47
T = 19.80
L = 39.36
CONTINENTAL pipe LINE Co. pressure OIL LINE
STA. ~~5+38.27~~ 5+42.93 End New Curb
T.C. 80.98
Sta. ~~4+42.26~~ 4+42.07 P.T.
TC ~~81.62~~ 81.31
Sta. ~~4+66.29~~ 4+60.76 PC
TC ~~81.64~~ 81.36
Const. 10' Transition from Exist. Std. Curb to Roll Back Curb
Match Existing Pavement
Exist. V.G.
Δ = 15°23'49"
R = 177.47
T = 23.99
L = 47.69
51.14
Chord = 50.65
Sta. ~~5+13.98~~ 5+19.32 End New Curb
TC 81.45
Wheel Chair Ramp
Lot 6
Block I
Prairie Village
Subdivision
22 nd. St.
NORTH
P.I. elev 81.89 98.78' V.C.
-0.90%
+0.5' Wk
Scale
Plan
Profile: Horiz.
Vert.
1"=2
1"=2
1"=4

~ EARTHWORK ~
PROPERTY

729.9 cyds	28.8 cyds
+10% 73.0 "	+10% 2.9 "
802.9 cyds	31.7 cyds

1966 SQ YARDS MANIPULATION

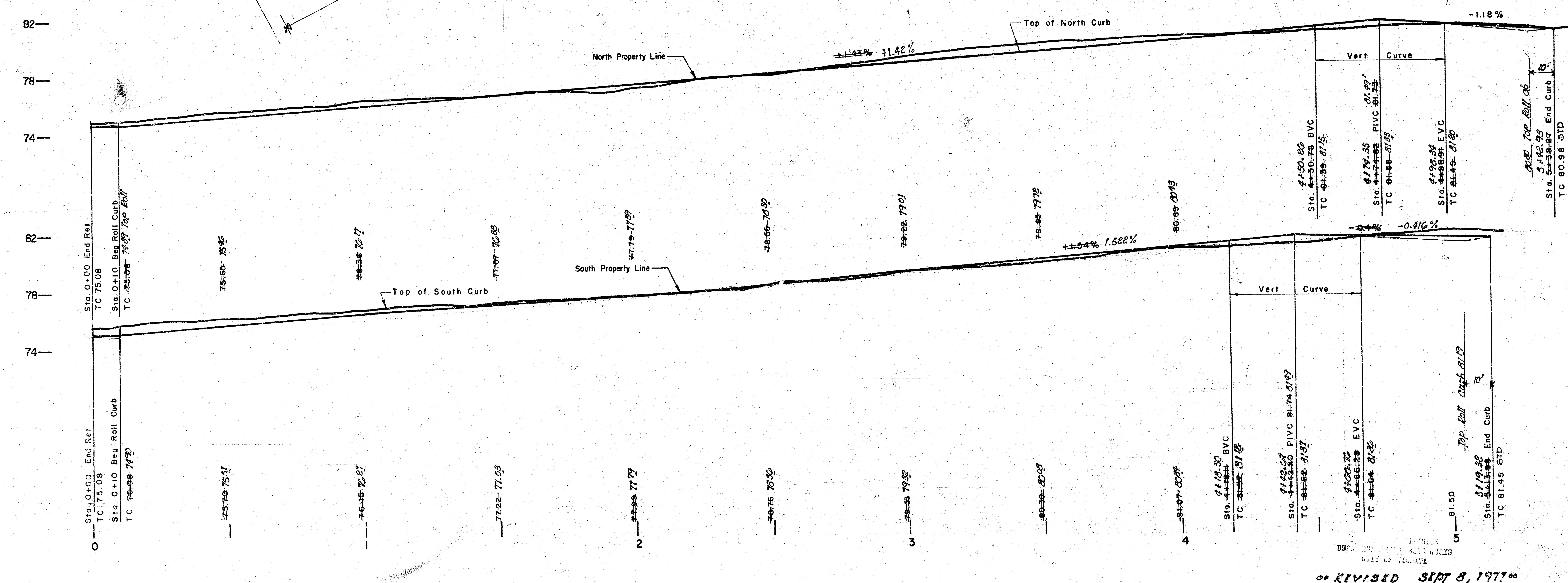
CURVE DATA BASED ON ¢ RADIUS = 351.137'
Δ = 53°36' ARC = 328.49' TAN = 177.37'

STATION	ARC	chord 8' o.s. to So. curb	chord 8' o.s. to No. curb	DEFLECTION	TOTAL DEFLECTION
P.C. 0+00					0° 00' 00"
+25	25.00'	23.36'	26.63'	2° 02' 23"	2° 02' 23"
+50	"	"	"	2° 02' 22"	4° 04' 45"
+75	"	"	"	2° 02' 23"	6° 07' 08"
1+00	"	"	"	2° 02' 23"	8° 09' 31"
+25	"	"	"	"	10° 11' 54"
+50	"	"	"	2° 02' 22"	12° 14' 16"
+75	"	"	"	2° 02' 23"	14° 16' 39"
2+00	"	"	"	"	16° 19' 02"
+25	"	"	"	"	18° 21' 25"
+50	"	"	"	2° 02' 22"	20° 23' 47"
+75	"	"	"	2° 02' 23"	22° 26' 10"
3+00	25.00'	23.36'	26.63'	"	24° 28' 33"
P.T. 3+28.49	28.49'	26.62'	30.35'	2° 19' 27"	26° 48' 00"

CURVE DATA BASED ON ¢ RADIUS 161.97'
Δ = 15° 23' 49" ARC = 43.53' TAN = 21.89'

STATION	ARC	chord 8' O.S. to S. curb	chord 8' O.S. to N. curb	DEFL	TOTAL DEFL
0+00					0° 00' 00"
0+25	25.00'	28.52'	21.43'	4° 25' 18"	4° 25' 18"
0+43.53'	18.53"	21.15'	15.89	3° 16' 37"	7° 41' 55"

LAMSON STREET


82
78
74
Top of North Curb
North Property Line
~~+1.43%~~ +1.42%
Vert Curve
-1.18%
Sta. ~~4+30.73~~ 4+30.20 BVC
TC ~~81.39~~ 81.15
Sta. ~~4+74.82~~ 4+79.35 PIVC ~~81.73~~ 81.99
TC ~~81.58~~ 81.83
Sta. ~~4+98.91~~ 4+98.34 EVC
TC ~~81.45~~ 81.80
10'
Sta. ~~5+38.27~~ 5+42.93 End Curb
80.80 Top Roll 86
TC 80.98 STD
Sta. 0+00 End Ret
TC 75.08
Sta. 0+10 Beg Roll Curb
TC ~~75.08~~ 74.89 Top Roll
~~75.65~~ 75.46
~~76.36~~ 76.17
~~77.07~~ 76.83
~~77.79~~ 77.59
~~78.50~~ 78.30
~~79.22~~ 79.01
~~79.93~~ 79.72
~~80.65~~ 80.43
82
78
74
~~-0.4%~~ -0.416%
~~+1.54%~~ 1.522%
South Property Line
Top of South Curb
Vert Curve
Sta. 0+00 End Ret
TC 75.08
Sta. 0+10 Beg Roll Curb
TC ~~75.08~~ 74.90
~~75.73~~ 75.51
~~76.48~~ 76.27
~~77.22~~ 77.03
~~77.93~~ 77.79
~~78.76~~ 78.56
~~79.53~~ 79.32
~~80.30~~ 80.09
~~81.07~~ 80.84
Sta. ~~4+18.11~~ 4+18.50 BVC
TC ~~81.22~~ 81.12
Sta. ~~4+42.20~~ 4+42.07 PIVC ~~81.74~~ 81.19
TC ~~81.62~~ 81.37
Sta. ~~4+66.29~~ 4+66.72 EVC
TC ~~81.64~~ 81.32
81.50
Top Roll Curb 81.19
10'
Sta. ~~5+13.98~~ 5+19.32 End Curb
TC 81.45 STD
0
1
2
3
4
5

—82
—78
—74
—82
—78
—72

LAMSON STREE

E.L. EDGEMOOR DR - N.L. 22ND

CITY of WICHITA, KANS

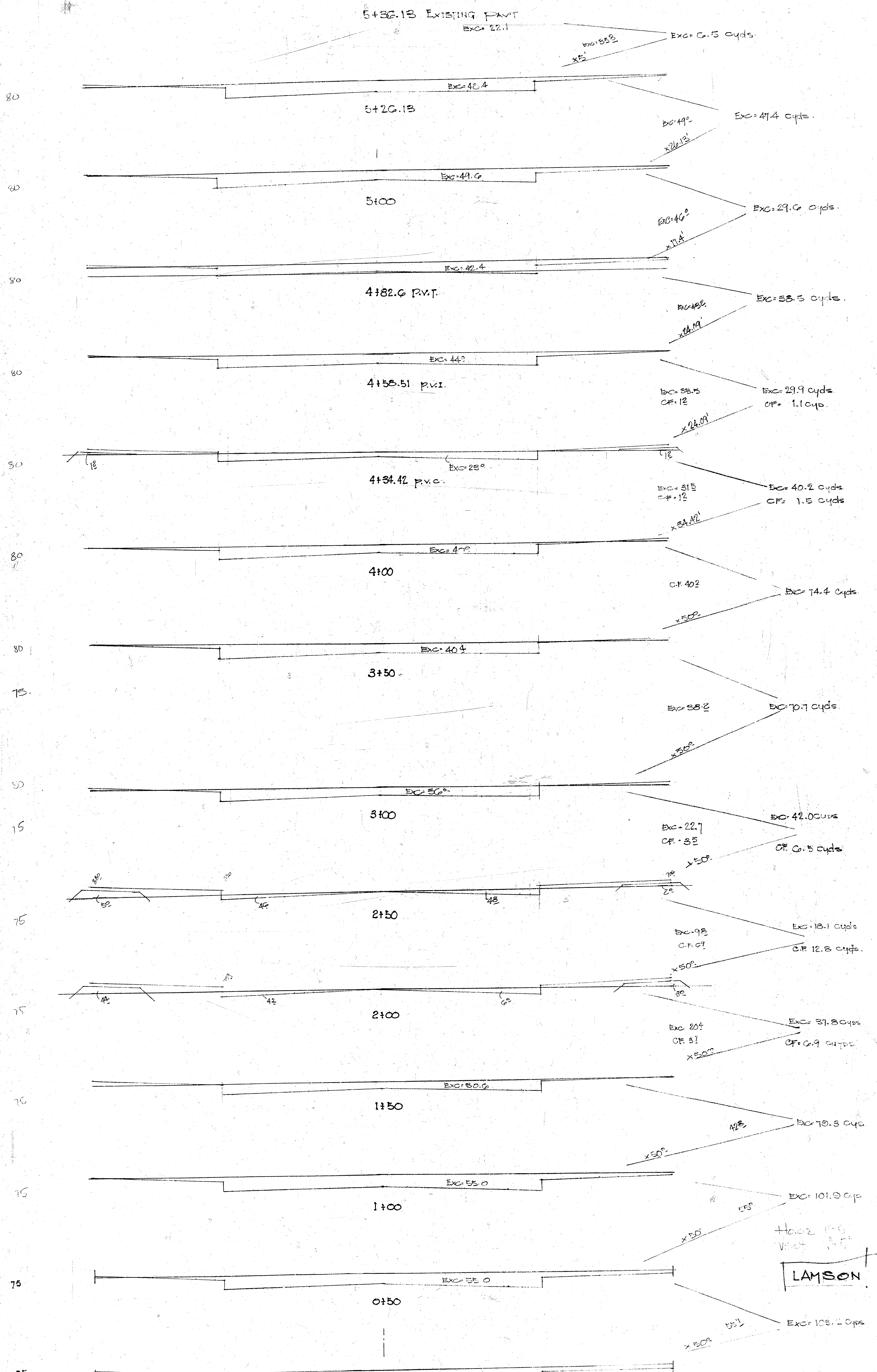
(30' FF) 2" asph conc wearing su
6" asph base W. comb curb & Gu

R.W. LINN CITY ENGINE

DATE: proj No. DARS5770

REISS & GOODNESS ENGI
2160 WEST 21st STREET
WICHITA, KANSAS 67204
(316) 832-0213

∞ REVISED SEPT 8, 1977 ∞


5+36.13 Existing Pav'T
Exc= 22.1
Exc= 6.5 cyds.
Exc= 35.2
x5'
Exc= 48.4
5+26.13
Exc= 47.4 cyds.
Exc= 49.2
x26.13'
Exc= 49.6
5+00
Exc= 29.6 cyds.
Exc= 46.0
x11.4'
Exc= 42.4
4+82.6 P.V.T.
Exc= 38.5 cyds.
Exc= 48.2
x24.19'
Exc= 44.2
4+58.51 P.V.I.
Exc= 29.9 cyds
CF= 1.1 cyd
Exc= 38.5
CF= 12
x24.09'
12
12
Exc= 28.0
4+34.42 P.V.C.
Exc= 40.2 cyds
CF= 1.5 cyds
Exc= 31.5
CF= 12
x34.42'
Exc= 47.0
4+00
CF 40.2
Exc= 74.4 cyds
x50.0
Exc= 40.4
3+50
Exc= 70.7 cyds
Exc= 38.2
x50.0
Exc= 56.0
3+00
Exc= 42.0 cyds
CF 6.5 cyds
Exc= 22.7
CF= 35
x50.0
38
52
46
48
2+50
Exc= 18.1 cyds
CF 12.8 cyds.
Exc= 9.8
CF 6.9
x50.0
44
42
62
32
2+00
Exc= 37.8 cyds
CF 6.9 cyds
Exc 20.4
CF 31
x50.0
Exc= 50.6
1+50
Exc= 79.3 cys
42.8
x50.0
Exc= 55.0
1+00
Exc= 101.9 cys
55.0
x50.0
Exc= 55.0
0+50
Exc= 108.2 cys
55.1
x50.0
Exc= 56.4
0+00
Exc= 10.4 cuyds
80
80
80
80
80
80
80
80
75
75
75
75
75
75
75
30
30

Horiz 1"=5'
Vert 1"=5'

LAMSON

SHEET TOTALS

CUT — 714.39 C.Y.
FILL — 96.4 C.Y.