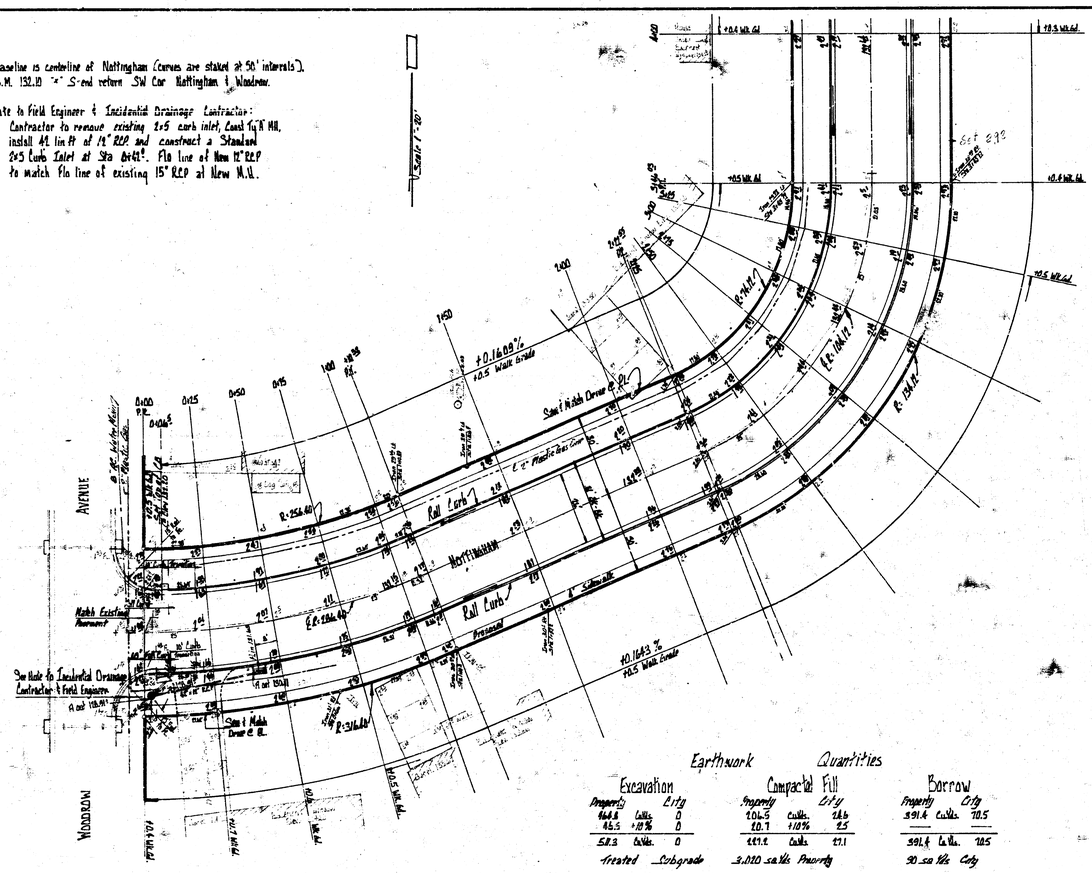
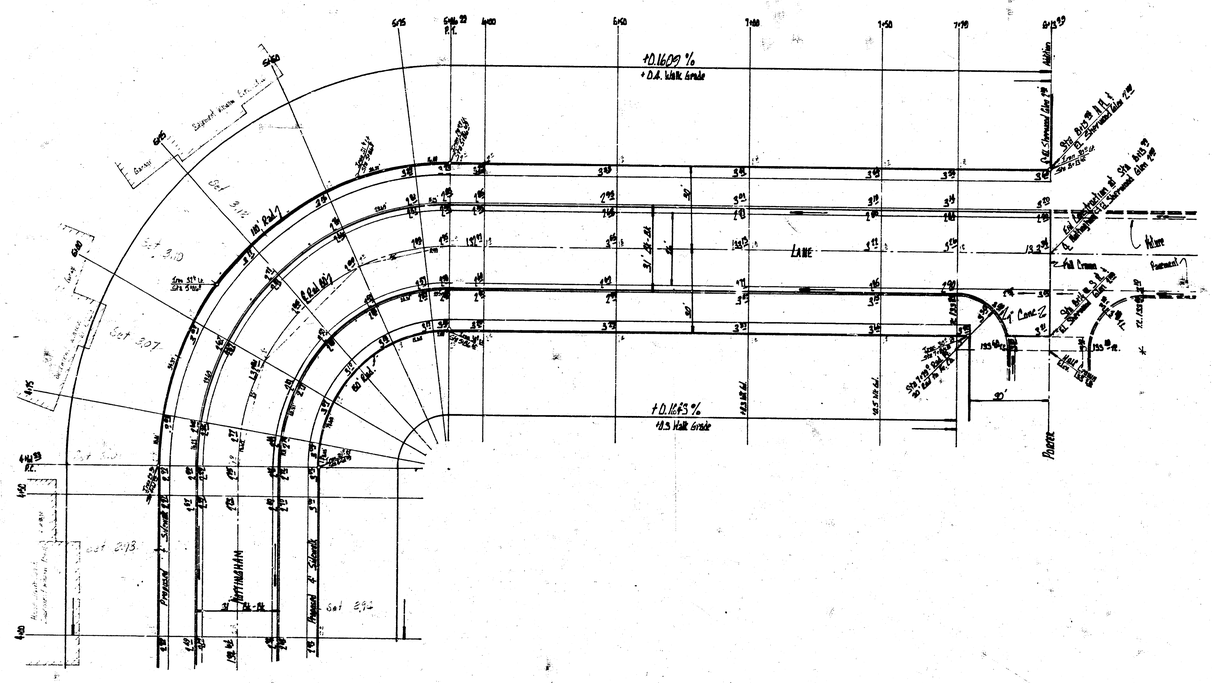
Survey: Knox
Plan: J. Ulens
Extension: J. Ulens
Checked: _____

Bk: DLK 141

Baseline is centerline of Nottingham (Curves are staked at 50' intervals).
B.M. 152.10 "X" S-end return SW Cor Nottingham & Woodrow.

Note to Field Engineer & Incidental Drainage Contractor:
Contractor to remove existing 2x5 curb inlet, Const Type "A" Hd, install 44 lin ft of 18" RCP and construct a Standard 2x5 Curb Inlet at Sta 0+41.5. Flo line of New 12" RCP to match flo line of existing 15" RCP at New M.H.



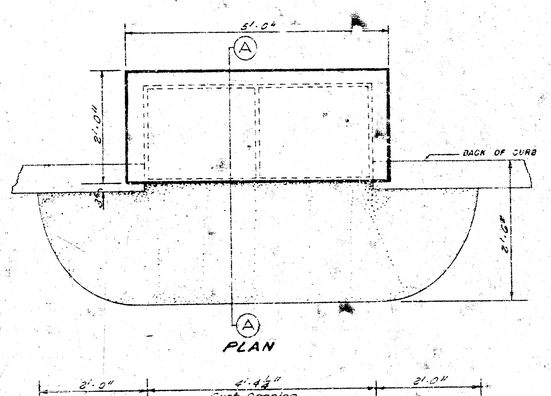


Δ = 90° R. = 80' T. = 80' L. = 125.66' L.C. = 113.14'

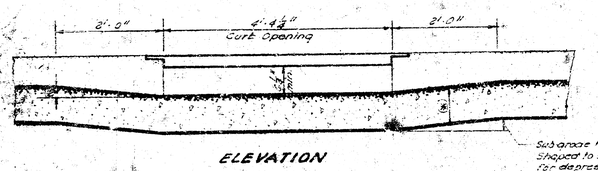
CURVE DATA BASED ON 80' R.L.					
		CHORD LENGTH			
STA.	ARC.	Σ CH = L.C.	Σ INT. = L.B.	DEFLECTION	TOTAL DEFLECTION
6+61.33 P.T.	——	——	——	——	0° 00' 00"
6+15	13.67	17.60	9.76	6° 53' 45"	6° 53' 45"
5+00	25	32.19	17.81	18° 57' 18"	25° 50' 53"
5+75	25	32.19	17.81	18° 57' 18"	44° 48' 05"
5+50	25	32.19	17.81	18° 57' 18"	63° 45' 13"
5+75	25	32.19	17.81	18° 57' 18"	82° 42' 23"
5+46.99 P.C.	11.99	15.44	8.54	7° 17' 37"	90° 00' 00"

Deflection = 21.4859 mils/ft.

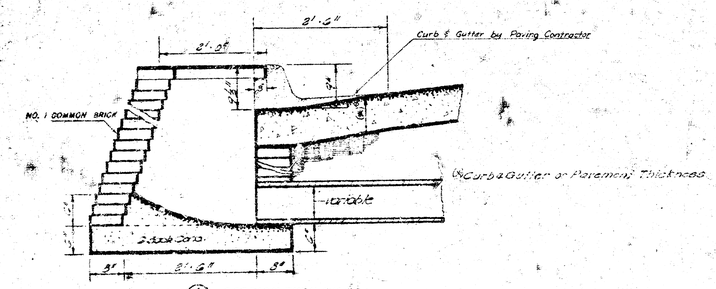
Nottingham Lane
from the E.L. of Woodrow Avenue to the E.L. of Sherwood Glen 1st Addition
DAKS 5605007 Sheet 1a of 1



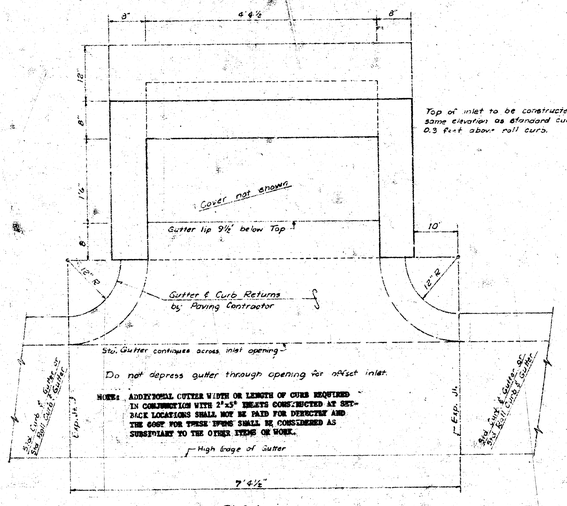
PLAN



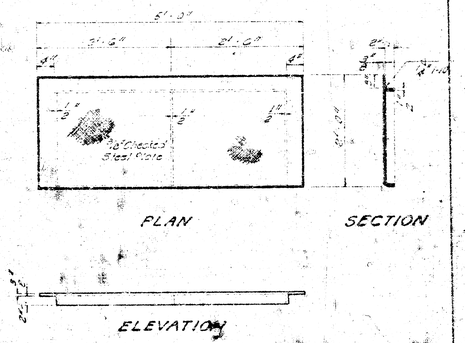
ELEVATION



A SECTION THRU INLET
A 2'-5 INLET DETAIL
Scale 1"=1'-0"



PLAN
STANDARD 2'x5' INLET AT SET-BACK LOCATION
Scale: 1"=1'0"



PLAN SECTION

ELEVATION

CITY OF WICHITA
STEEL INLET COVER
Weight = 230 lbs.
Slope (Both Sides) Approx.
Scale: 1"=1'-0"

DETAIL
STANDARD 2'x 5' INLET.
CITY OF WICHITA, KANSAS

R. W. LINN CITY ENGINEER

SEPT. 1973