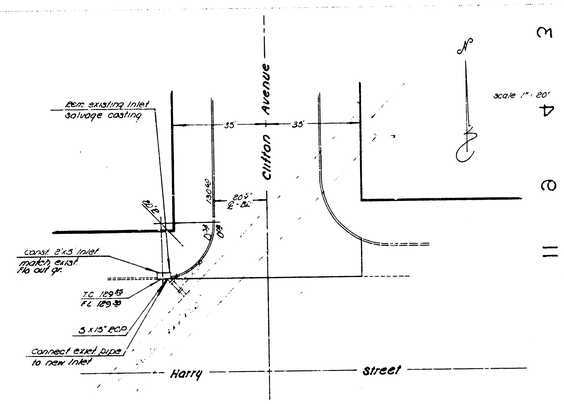


B.M. 129.68 Top S end pump island filling station N.E. cor. Harry & Hillside

SHEET 4 of 11

DVC 175
Rush

DONALD C. SCHEED
6311
KANSAS
PROFESSIONAL ENGINEER

Drainage
In connection with
Clifton Avenue
NL Harry to NL Grand
Project OAKD573088

MAY 1974

Revised 6-20-74

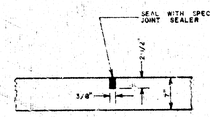
12" ERW
1-weld

CLIFTON AVENUE

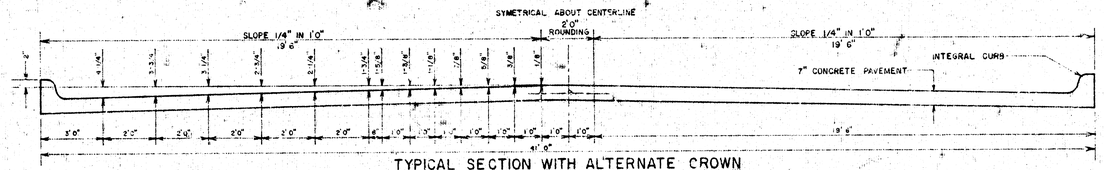
N.L. HARRY to N.L. GRAND

PROJ. NO. DAKC573088
CITY OF WICHITA, KANSAS
R. W. LINN, CITY ENGINEER

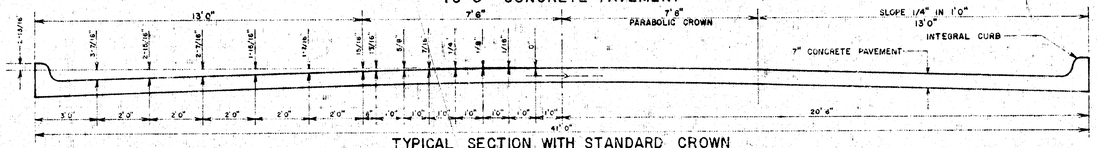
SAWED CONTRACTION JOINTS ARE TO BE CONSTRUCTED AT 30' 0" INTERVALS EXCEPT WHERE AN EXPANSION JOINT IS USED.



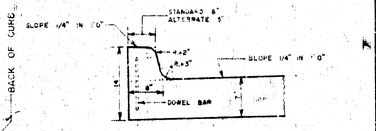
DETAIL OF SAWED CONTRACTION AND LONGITUDINAL JOINTS



TYPICAL SECTION WITH ALTERNATE CROWN
40' 0" CONCRETE PAVEMENT

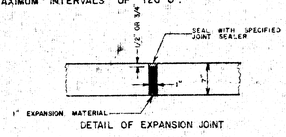


TYPICAL SECTION WITH STANDARD CROWN
40' 0" CONCRETE PAVEMENT

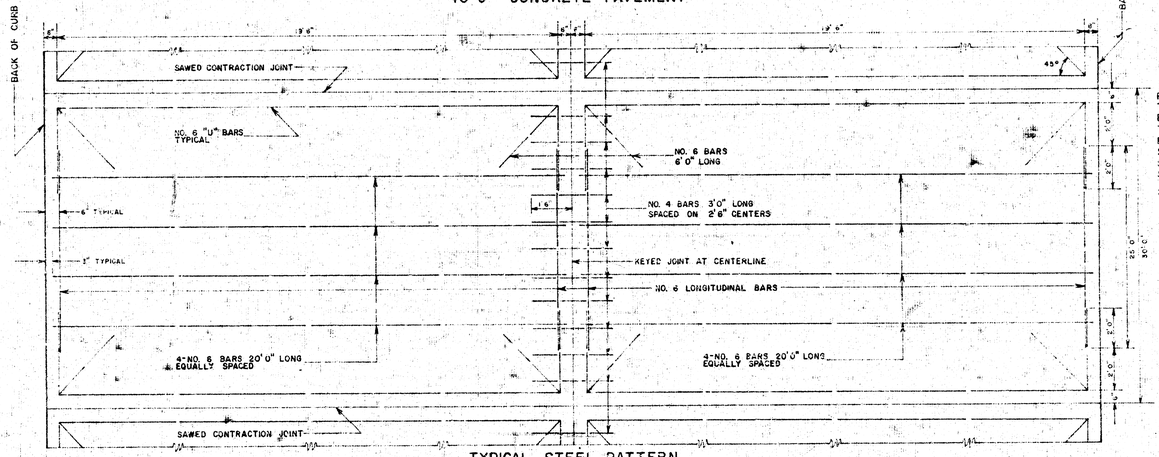


DETAIL OF INTEGRAL CURB

EXPANSION JOINTS ARE TO BE CONSTRUCTED AT MAXIMUM INTERVALS OF 120' 0".



DETAIL OF EXPANSION JOINT



TYPICAL STEEL PATTERN

INTEGRAL CURB SHALL BE CUT THROUGH TO THE PAVEMENT IN UNIFORM LENGTHS OF NOT MORE THAN TEN FOOT INTERVALS BETWEEN EXPANSION JOINTS. EXPANSION JOINTS HAVING THE SAME THICKNESS AS THE EXPANSION JOINTS IN THE PAVEMENT SHALL BE CONSTRUCTED IN THE INTEGRAL CURB AT THE SPECIFIED LOCATIONS. NUMBER 4 OR NUMBER 6 DOWELS SHALL BE INSTALLED IN THE INTEGRAL CURB AS SHOWN ON APPROXIMATELY 2'6" CENTERS.
PAVEMENT GRADES SHOWN ON PLANS ARE FOR STANDARD CROWN.

DONALD E. SCHMIDT 6311 REGISTERED PROFESSIONAL ENGINEER

B.M. 1298 Top 3 and penta. Station, fitting Station @ N.E. cor. Harry & Hillside
B.M. 1299 "X" in Mueller Fire Plug N.E. cor. Harry & Hillside
B.M. 1300 "X" in Mid. Kansas N curb Harry E.33' N of E. Clifton
B.M. 1301 "X" on N curb Clifton E. 77' N of E. Grand
B.M. 1302 "T" in Penn. Fire, Hydrant N.W. cor. Grand & Clifton

Survey Eng. EL EK 1/75
Plan Zoom
Check Eng.
Chief Inf.

Scale 1" = 20'

0:00 Street 0:50 0:33 → 1:58 Exc. 41 cu yds P.C. 1:00 1:50 1:20 + P.I. 150' V.C. 2:00 P.T. 2:50 3:00 3:50 4:00 P.C. 4:50 5:00 1:0 + P.I. 100' V.C. 5:50 P.T.

10.357'± 13.294'± set N.E. gr. as shown 10.351'±

Exc. 141 cu yds

Clifton Avenue

Harry

Proposed 4 conc. st.

Proposed 6.0 S.C. Gutter

Exc. 13 cu yds

Note: Proposed cut conc. drives E. side Clifton to be verified by the Property Owner.

0:40 1:59 P.C. 1:20 + P.I. 150' V.C. P.T. 1:0 + P.I. 135' V.C. P.C. P.T.

10.297'± 13.045'± set N.E. gr. as shown 10.517'±

E-5

★ General Notes ★

1. Contractor to clear right-of-way, grade parking and construct compact fill in sidewalk areas. Sidewalk to be constructed by others.
2. Type of subgrade treatment shall be as determined by the field Engineer. Subgrade treatment may consist of lime treatment, pigment treatment, subgrade modification, or any combination of these.

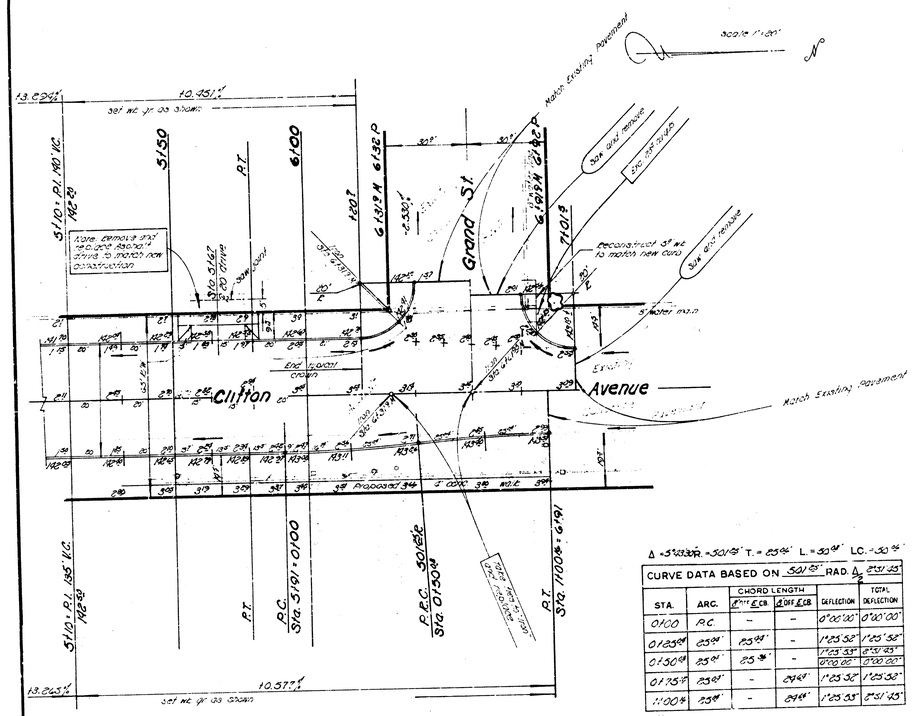
Earthwork

Property		City	
Excavation 5.2 cu yds	Comp. fill 146.7 cu yds	Excavation 65.0 cu yds	Comp. fill 10.7 cu yds
10% .5 cu yds	10% 14.7 cu yds	10% 6.5 cu yds	10% 1.1 cu yds
Total 5.7 cu yds	Total 161.4 cu yds	Total 71.5 cu yds	Total 11.8 cu yds

Revised 6-20-74

Clifton Avenue

NL Harry St. to NL Grand Ave.
40' Conc. & curb
City of Wichita, Kansas
Dick Linn City Engineer
Date MAY 1974 Proj. DAKC573068



STA.	ARC.	CHORD LENGTH Diff.	CHORD LENGTH Diff.	DEFLECTION	TOTAL DEFLECTION
0+00	P.C.	–	–	0°00'00"	0°00'00"
0+23.58	23.58'	23.58'	–	1°25.58"	1°25.58"
0+50.58	25.94'	25.94'	–	1°25.93"	2°51.93"
				0°00.00"	0°00.00"
0+75.58	25.94'	–	25.94'	1°25.58"	1°25.58"
1+00.58	25.94'	–	25.94'	1°25.93"	2°51.93"

Clifton Avenue
Proj. DAEC573088