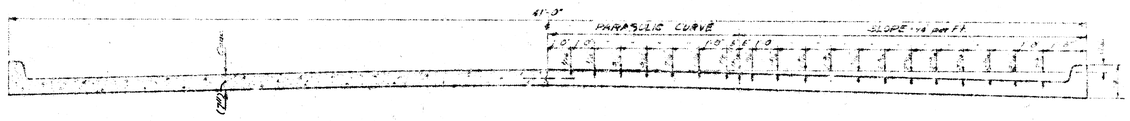
EDWARDS AVENUE

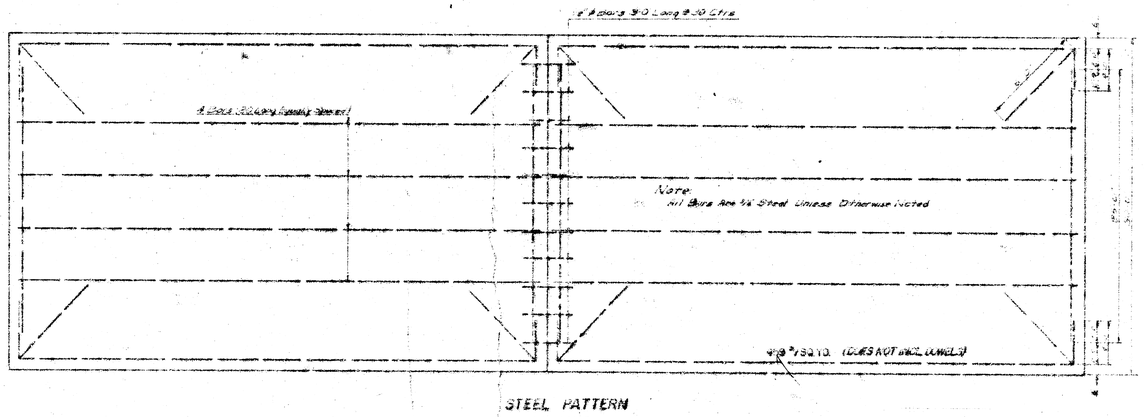
18.0 FT. SO. OF NL. LOT 247, MARTINSON'S
5TH. ADDITION TO SL. MAPLE STREET.
PROJECT NO. C10-28 (DAKS570028)



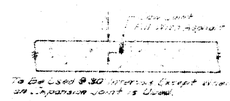
TYPICAL SECTION
NO SCALE



DETAIL OF KEYED JOINT
NO SCALE

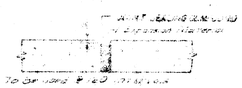


STEEL PATTERN
NO SCALE



TO BE USED @ 330' INTERVALS EXCEPT WHERE EXPANSION JOINTS ARE USED.

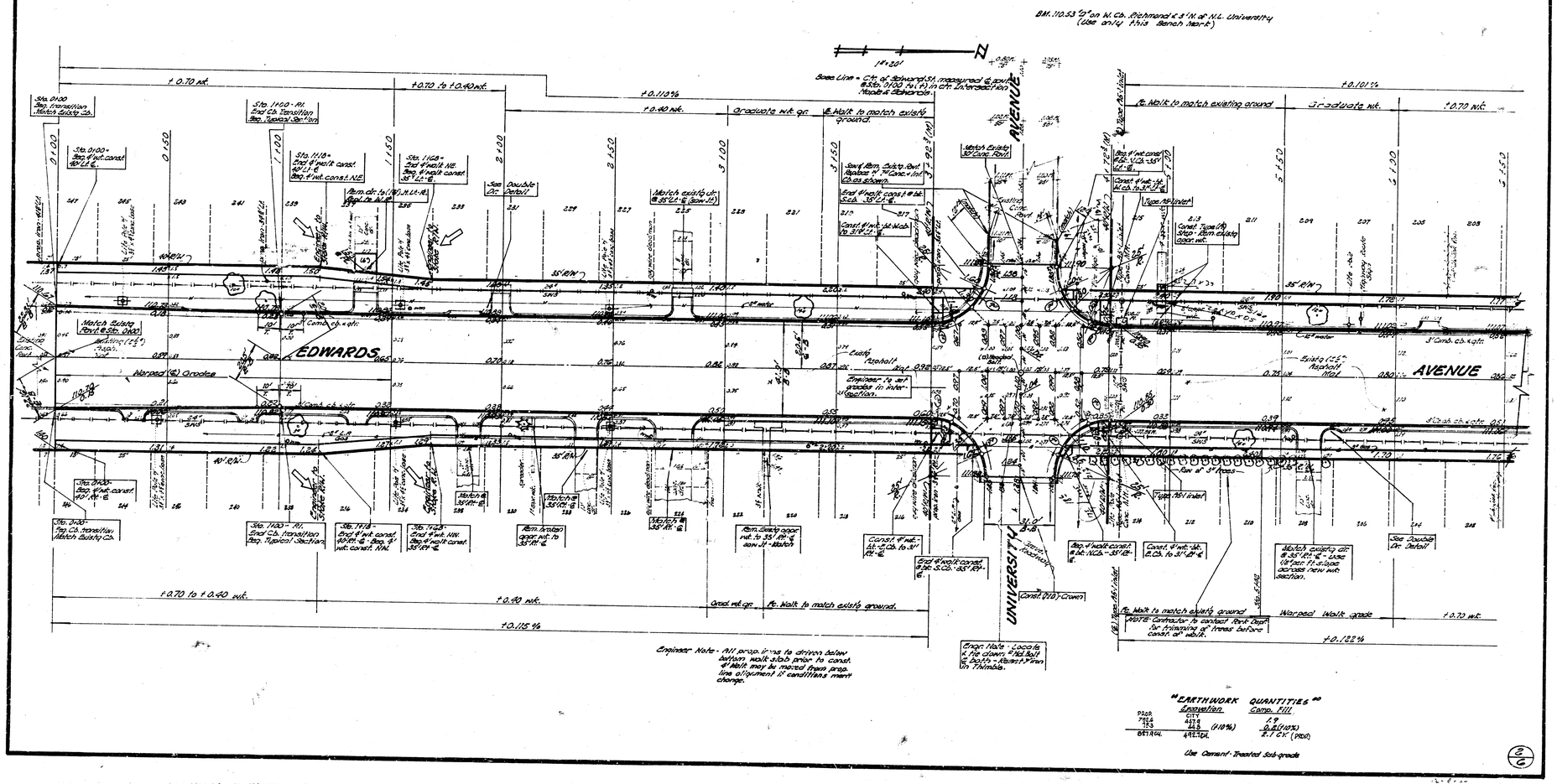
DETAIL OF CONTRACTION JOINT
NO SCALE



DETAIL OF EXPANSION JOINT
NO SCALE

MARCH 1971

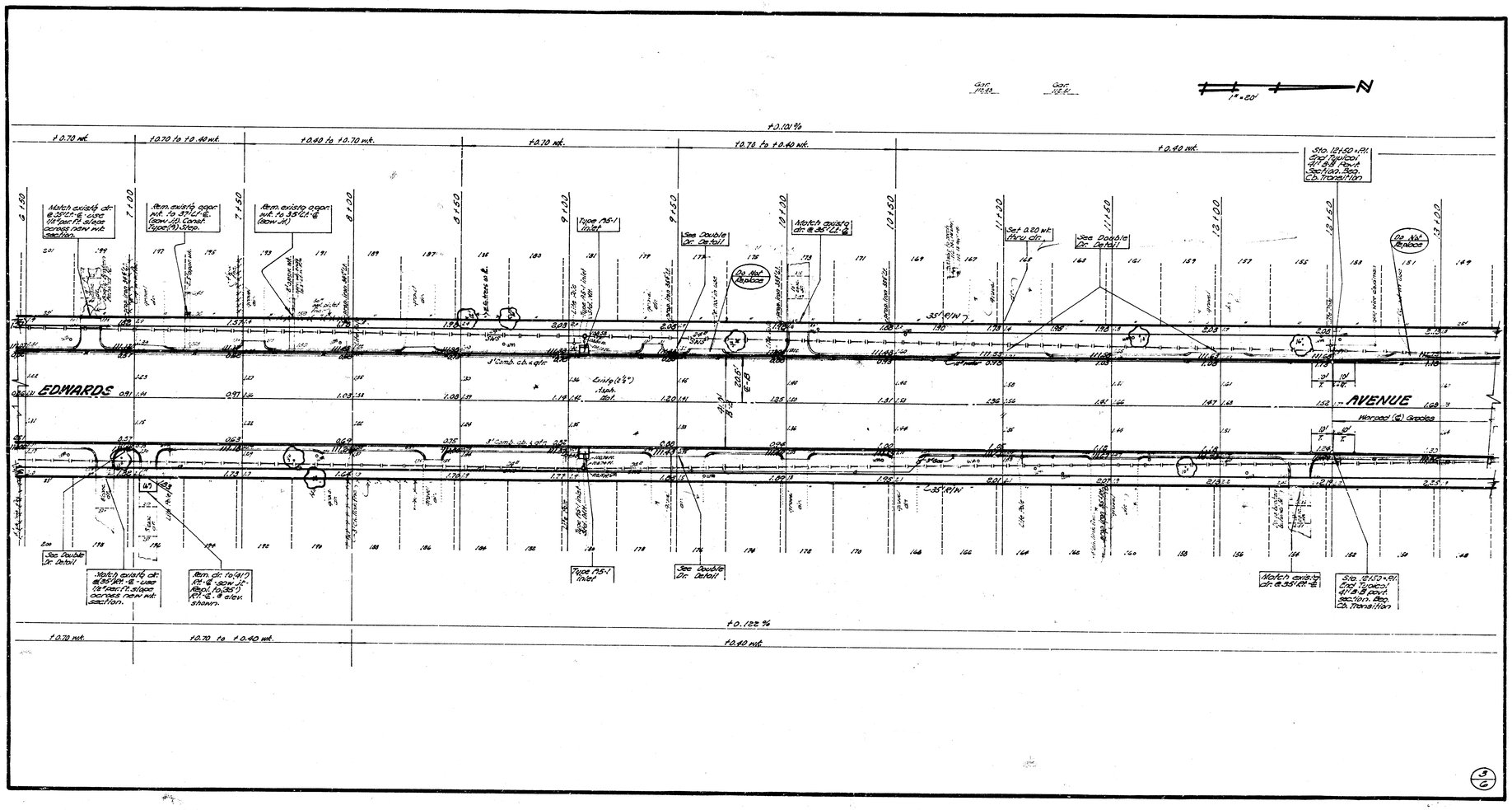
41.0'-7" CONCRETE & CURB
City Of Wichita, Kansas
B.E. Smith ..... City Engineer



"EARTHWORK QUANTITIES"

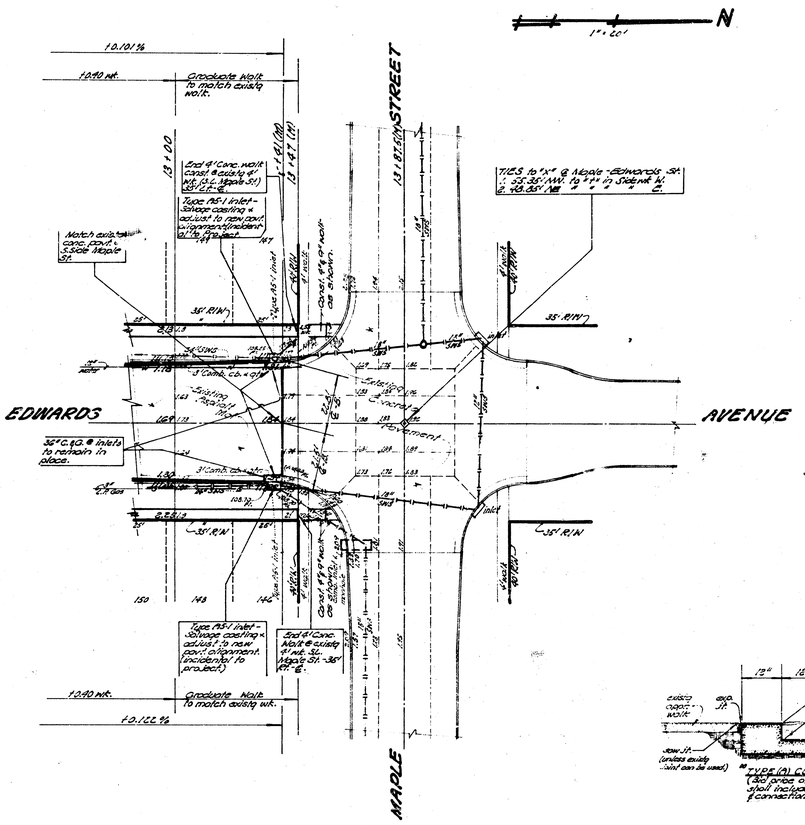
	Excavation		Comp. Fill
PROP.	CITY		1.9
7926	447.9		0.8 (110%)
753	44.8	(110%)	2.1 C.Y. (PROP.)
BETRCH.	492.7 CH.		

2/6

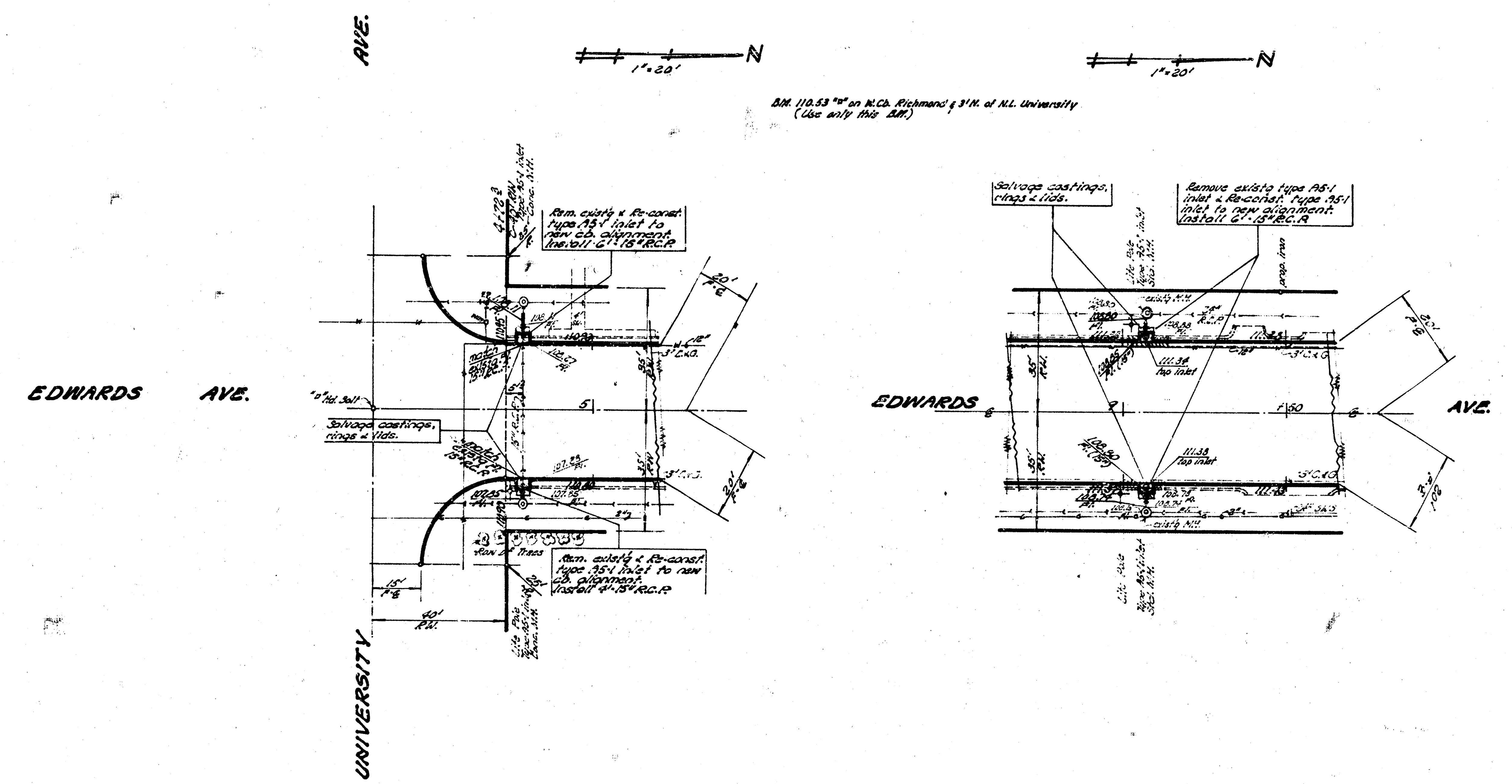


EDWARDS
AVENUE
Warpaal (℄) Grades
+0.101%
+0.122%
+0.70 wk.
+0.70 to +0.40 wk.
+0.40 to +0.70 wk.
+0.70 wk.
+0.70 to +0.40 wk.
+0.40 wk.
+0.70 wk.
+0.70 to +0.40 wk.
+0.40 wk.
Match existg. dr. @ 35' Lt. ℄ - use 1/2" per ft. slope across new wk. section.
Rem. existg. appr. wk. to 37' Lt. ℄ (sow. jt.) Const. Type (A) Step.
Rem. existg. appr. wk. to 35' Lt. ℄ (sow. jt.)
Type A5-1 Inlet
See Double Dr. Detail
Do Not Replace
Match existg. dr. @ 35' Lt. ℄
Set 0.20 wk. thru dr.
See Double Dr. Detail
Do Not Replace
Sta. 12+50 = P.I. End Typical 41' B-B Pavt. Section. Beg. Cb. Transition
See Double Dr. Detail
Match existg. dr. @ 35' Rt. ℄ - use 1/2" per ft. slope across new wk. section.
Rem. dr. to (41') Rt. ℄ sow. jt. Repl. to (35') Rt. ℄ @ elev. shown.
Type A5-1 Inlet
See Double Dr. Detail
Match existg. dr. @ 35' Rt. ℄
Sta. 12+50 = P.I. End Typical 41' B-B pavt. section. Beg. Cb. Transition
35' R/W
35' R/W

3/6


N
1" = 60'
STREET
EDWARDS
AVENUE
MAPLE
Graduate Walk to match existg walk.
Match existg conc. pavt. S. Side Maple St.
36" C.&G. @ inlets to remain in place.
Type A5-1 inlet - Salvage casting & adjust to new pavt. alignment (incidental to project.)
End 4' Conc. Walk @ existg 4' wk. S.L. Maple St. - 35' Rt. - ℄.
TIES to "X" ℄ Maple - Edwards St.
35' R/W
Existing Concrete Pavement
Existing Asphalt Pavement
Type A5-1 inlet - Salvage casting & adjust to new pavt. alignment. (incidental to project.)
End 4' Conc. Walk @ existg 4' wk. S.L. Maple St. - 35' Rt. - ℄.
Graduate Walk to match existg wk.
+0.40 wk.
+0.122 %
+0.101 %
+0.40 wk.
13+00
13+41 (M)
13+47 (M)
13+87.5 (M)
150
148
146
Rad. = 1/2 Dist. between dcs. - Rad. Pt. to be 61'-0" bk. of Pc. cb.
4' wk.
R/W
existg conc. dr.
10' P.F. (min)
Hor. W.
"TYPICAL DOUBLE DRIVE DETAIL"
NOTE - All conc. drs. constructed on this proj. to have (min. width) of 10'-0". All existg drs. to be re-constructed unless otherwise noted or instructed by Field Engr.
12"
18"
existg apprt. walk
exp. jt.
new walk const.
new jt. (unless existg joint can be used)
"TYPE (A) CONCRETE STEP"
(3rd price of L.F. Type (A) Step shall include 12" tread, riser & connection to walk.)

4/6



Survey D. Dailea 25
Plan S. Seal
Exc
Checked

INCIDENTAL DRAINAGE

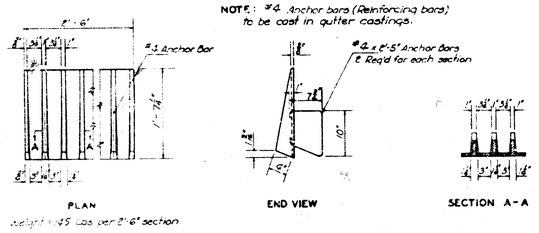
In Connection With EDWARDS STREET 18'-0" So. N.L. Lot 247 - Martinson's 5th. Addition to S.L. Maple Street.

CITY OF WICHITA, KANSAS
B.E. Smith City Engineer
Date: MARCH 1971 Proj. No. C10-28 DAKO 570028

1/2

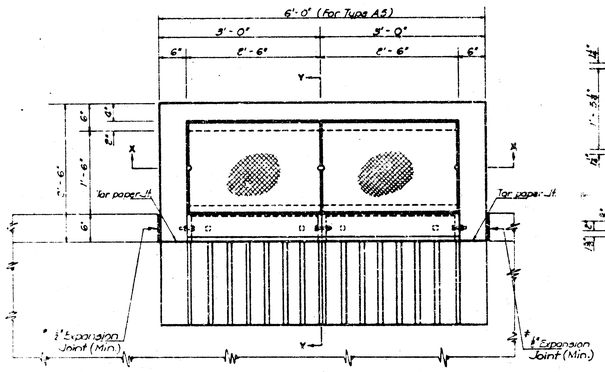
Fed. Road Dist. No.	State	Proj. No.	Fiscal Year	Sheet No.	Total Sheets
5	Kansas				

Section



Weight = 145 Lbs. per 2'-6" section

DETAILS OF GUTTER CASTING (IRON)

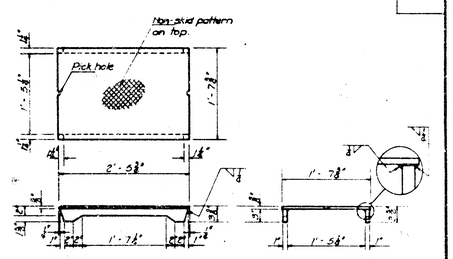


PLAN

* Hot or cold poured joint sealing compound, or Premoulded Exp. Jt. Filler (Non-extruding, Type B).



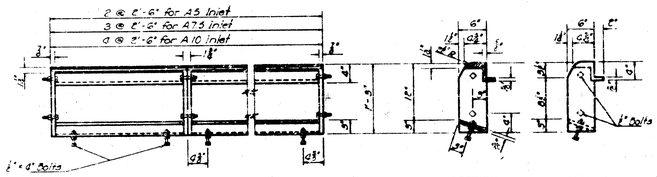
FRONT ELEVATION



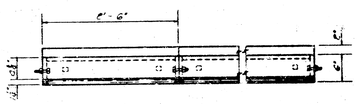
*STRUCTURAL STEEL COVER PLATE

Weight 98 Lbs. Each

* Non-skid steel floor plate (Commercial grade) welded to steel (ASTM A-7, A-36, A-242 or A-441) bars.

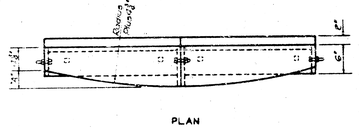


TYPES A5-1, A7.5-1 & A10-1



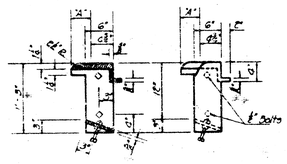
TYPES A5-1, A7.5-1 & A10-1

Weight = 129 Lbs. per 2'-6" section



TYPE A5-2 SHOWN

Weight - See Tables below.



TYPES A5-2, A7.5-2 & A10-2

NOTE All bolts and nuts shall be galvanized and meet the requirements of sub-section 1015.2 of the 1966 Specifications.

DETAILS OF CURB CASTING (IRON)

FOR TYPE A5-2 CASTINGS			
Radius	20'	25'	30'
"A"	3"	1"	1"
Weight-Lbs	283	278	274

FOR TYPE A7.5-2 CASTINGS			
Radius	20'	25'	30'
"A"	6¾"	3¾"	6¾"
Weight-Lbs	474	455	445

FOR TYPE A10-2 CASTINGS			
Radius	20	25'	30'
"A"	7½"	6"	5"
Weight-Lbs	721	680	653

NOTE: Weights given in tables above are total weights for Curb Castings only. All weights of castings are calculated weights, with no allowance for fillets, overruns, anchor bars and bolts.

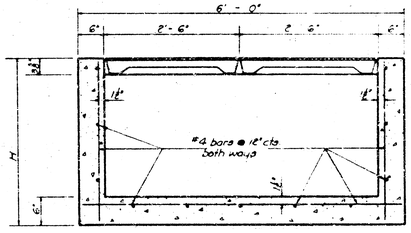
Note: All castings shall be gray iron and shall comply with ASTM A-48 Class 25B.

Note: Use Class A Concrete throughout. Bevel all exposed edges with a ¾" triangular moulding. Reinforcing bars shall be bent around pipe. No deductions in concrete quantities shall be made for pipe openings.

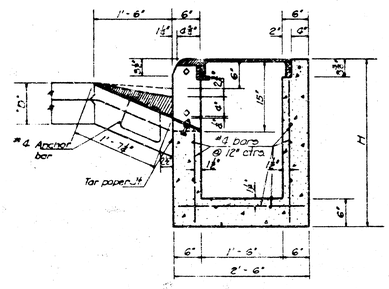
At the contractor's option Class A Concrete (AE) may be used throughout, but payment shall be made as Cu. Yds. of Class A Concrete miscellaneous. A small opening may be required in the back of the inlet to drain a low area, if ordered by the Engineer. Reinforcing bars will extend through the opening. No deduction in concrete quantities will be made for this opening.

When so ordered by the Engineer, the top of the inlet shall be sloped slightly to approximately fit the ground line or other conditions.

Structural steel cover plate and all exposed cast iron surfaces shall be painted either in the shop or in the field with one coat of a zinc dust paint, followed by two field coats of aluminum paint. No substitutions of design will be permitted on castings.



SECTION X-X



SECTION Y-Y

NOTE See standard sheet for Concrete Pavement Auxiliary Details for shaping gutter approaching and leaving inlets. This shaping will be required at all Type "A" inlets, unless otherwise noted on the plans. This work will be paid for as follows; where combined curb & gutter is used the entire length of the shaped gutter and the curb, together with the concrete under the gutter casting, shall be paid for as "Combined Curb & Gutter, Type __"; where concrete pavement and edge curb is used the shaped approaches and the edge curb, together with the concrete under the gutter casting, shall be paid for as "Concrete Pavement" and "6" Edge Curb."

Floor of Inlet shall be shaped as shown in various "EXAMPLES" on Reinforced Concrete Manhole Standard No. 633.

Concrete used for shaping shall be unreinforced Class "A" concrete.

No addition in concrete quantities shall be made for shaping floor of Inlets.

NO.	DATE	REVISIONS	BY	APP'D
26	5-26-70	Class "A" miscellaneous.	W.L.H.	K.G.L.
25	5-9-69	Added Note on shaping of Floor	W.L.H.	K.G.L.
24	5-67	Added point castings & typical opening, etc.	A.L.E.	K.G.L.
23	3-66	To conform to 1966 Specs.	A.L.E.	E.H.R.

STATE HIGHWAY COMMISSION OF KANSAS

TYPE "A" CURB INLET

STD. NO. 632 SCALE: 1 inch = 1 foot (For 5"-5"-36" sheet)

DESIGNED BY E.A.R. DATE 6-65 DET. BY ___ CHKD. BY H.G.B. TRACED BY H.G.B.

CHECKED BY A.L.E. APPROVED BY L. H. Clement DATE 6-15-66

4/2