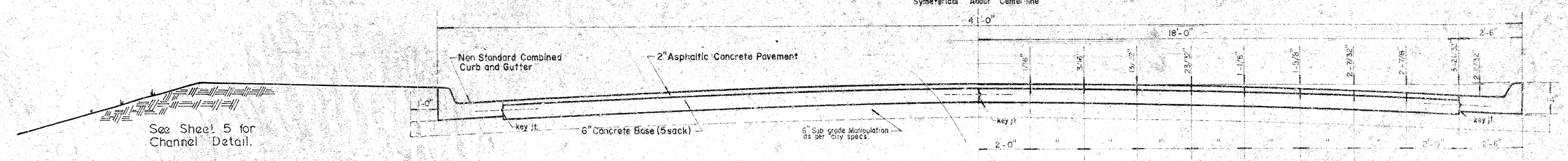
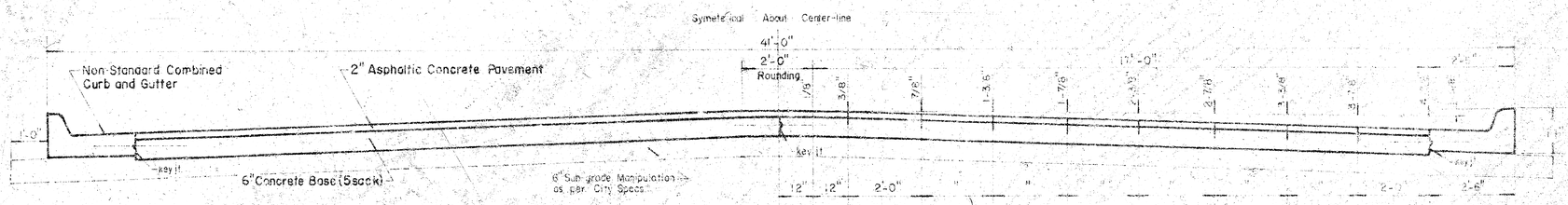
East Side ARMOUR DRIVE

PROJ. NO DAK S 573057
CITY OF WICHITA, KANSAS
R.W. LINN — City Engineer

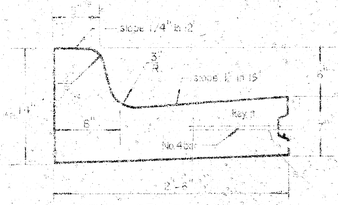
S. L. KELLOGG MALL ADDITION To S. L. DOUGLAS AVENUE



TYPICAL SECTION WITH STANDARD CROWN
40'-0" ASPHALTIC CONCRETE PAVEMENT



TYPICAL SECTION WITH ALTERNATE CROWN
40'-0" ASPHALTIC CONCRETE PAVEMENT

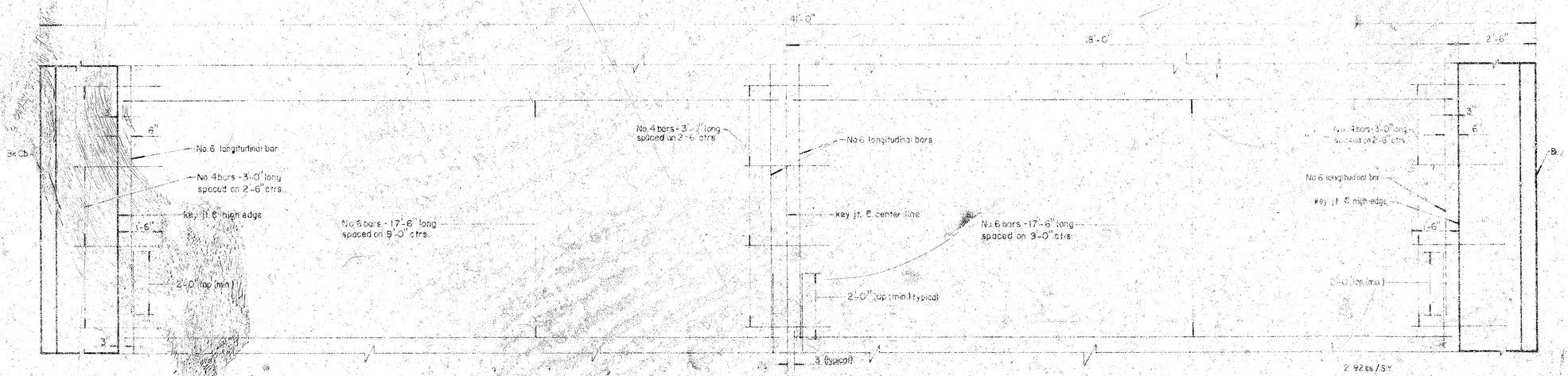


DETAIL OF NON-STANDARD
COMBINED CURB AND GUTTER

GENERAL NOTES

Contraction Joints may be constructed in combined curb and gutter by sawing with an approved concrete saw. The cut shall extend 2-1/2" below the surface of the gutter and curb. Sawed Contraction Joints shall have a maximum spacing of 10 ft. and be filled with a specified joint filler, such that the joint in the gutter section will be completely filled.

Pavement Grades shown on plans are for standard crown.



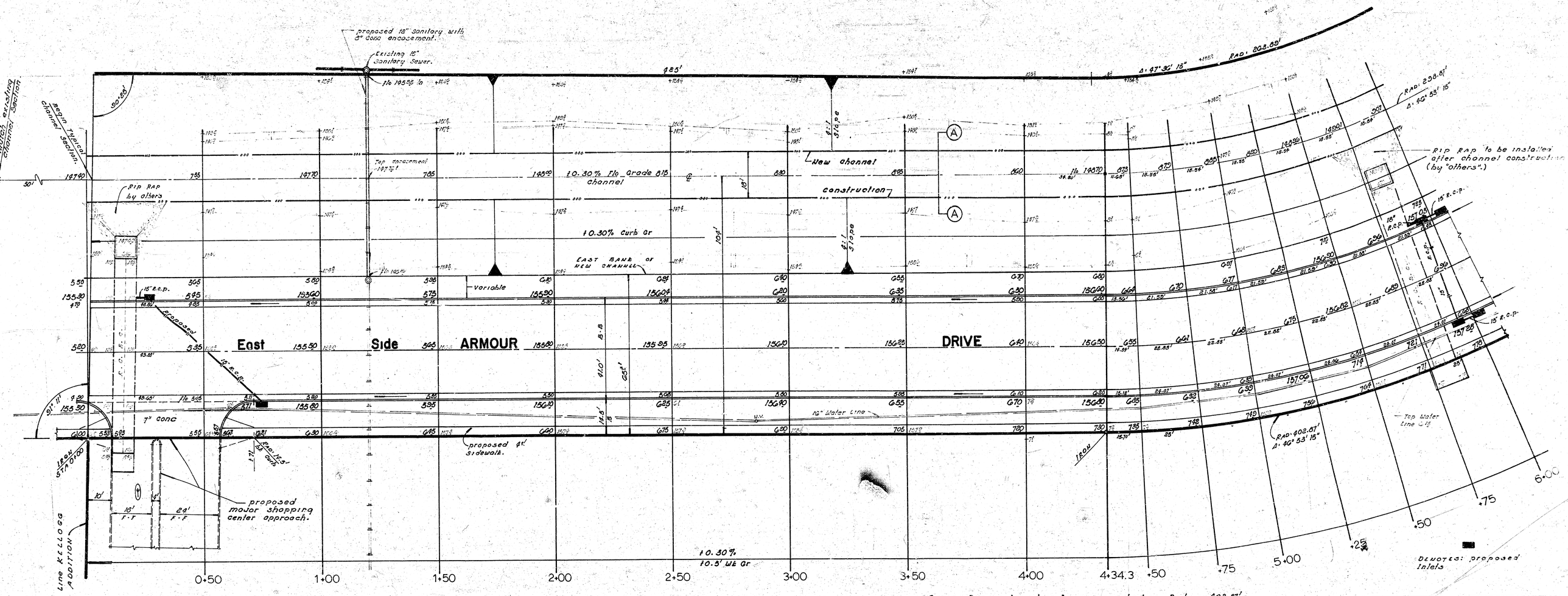
TYPICAL STEEL PATTERN
40'-0" ASPHALTIC CONCRETE PAVEMENT

B.M.: 1GG86 STANDARD N.E. Corner KELLOGG and ROCK ROAD.
B.M.: 1571.97 "U" Top Bridge RAIL N.E. Corner. (Kellogg frontage Rd & Armour north of Kellogg Ave).

NOTE TO ENGR: cross section channel before and after construction.

N

SCALE 1" = 80'



EARTHWORK

CITY	COMP FILL	EXCAVATION
	G.C CU YDS	55.3 CU YDS
+10%	.7 " "	+10% 5.5 " "
	7.3 CU YDS	60.8 CU YDS

PROPERTY	COMP FILL	EXCAVATION
	9,197.2 CU YDS	3,174.8 CU YDS
+10%	919.7 " "	+10% 317.5 " "
	10,116.9 CU YDS	3,492.3 CU YDS

any excess suitable excavated material from DOUGLAS AVE proj DAKS 573059 and ROCK ROAD proj DAKS 573055 is to be stockpiled on this project for channel construction.

GRADE PARKING AND CLEAR R/W for PROPOSED SIDEWALK. COMPACT FILL IN WALK AREA. WALK to be constructed by "OTHERS".

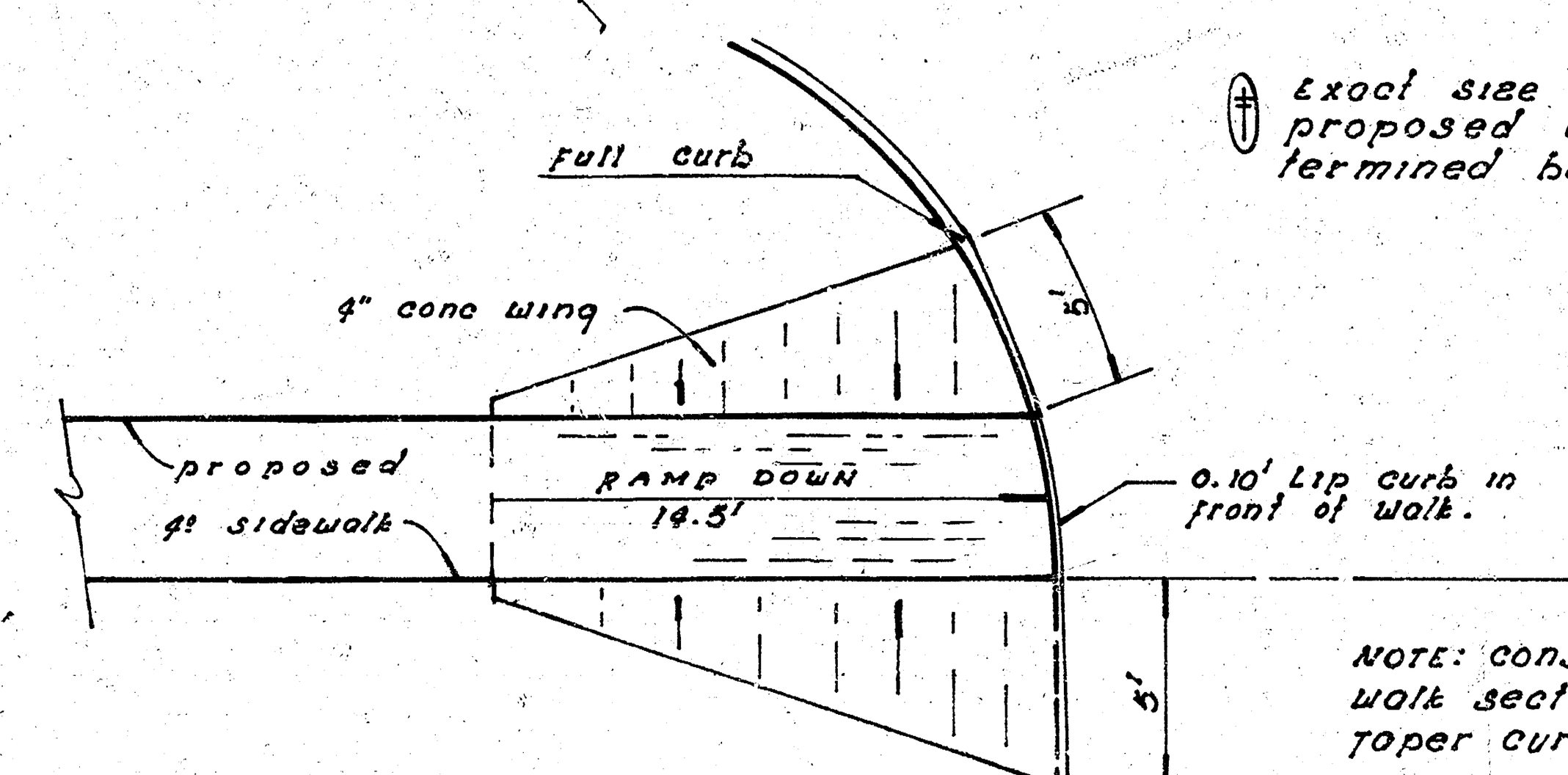
CURVE DATA is based on EAST property line Radius: 402.87' Δ: 46° 53' 15" Tan: 174.70' 4.2665' min per/ft arc.

STATION	ARC	chord length 8' @ L. curb	chord length 8' @ W. curb	chord length & channel	Deflection	Total Deflection
4+34.3	p.c.					0° 00' 00"
+50	15.70'	15.42'	13.24'	11.65'	1° 00' 59"	1° 00' 59"
+75	25.00'	24.50'	21.05'	18.54'	1° 40' 10"	2° 53' 39"
5+00	"	"	"	"	"	4° 40' 13"
+25	"	"	"	"	"	6° 26' 59"
+50	"	"	"	"	"	8° 13' 33"
+75	"	"	"	"	"	10° 00' 18"
6+00	"	"	"	"	"	11° 46' 58"
+25	"	continued on page 3				13° 33' 38"

East Side ARMOUR DRIV
S.L. KELLOGG MALL ADDITION
S.L. DOUGLAS AVENUE.
(41' Asph Conc Pavt — Curb & Gutt
6" base 2" asphalt wearing surfa
CITY of WICHITA, KANSA
R.W. LINN — CITY ENGINEER
DATE APRIL 1974 Proj No. DAKS 57305

2/13

Ⓓ Exact size and location of proposed drive to be determined by property owner.



NOTE: construct 0.10' Lip curb thru walk section of proposed drive. Taper curb from full to 0.10' in 5'.

• WHEEL CHAIR RAMP DETAIL •

STATION	ARC	ch length 8'@ fc L. cb	ch length 8'@ fc W. cb	ch length ℄ channel	Deflection	Total Deflection
6+25	25.00'	24.56'	21.09'	18.54'	1° 46' 40"	13° 33' 38"
+50	"	"	"	"	"	15° 20' 18"
+75	"	"	"	"	"	17° 06' 58"
7+00	"	"	"	"	"	18° 53' 38"
+25	"	"	"	"	1° 46' 40"	20° 40' 18"
+50	25.00'	24.56'	21.09'	18.54'	1° 46' 39"	22° 26' 57"
7+63.99 P.T.	13.99'	13.74'	11.80'	10.38'	0° 59' 42"	23° 26' 39"

CURVE DATA is based on EAST ℞. Radius: 437.87'
Δ: 38° 50' 15" Tan: 154.36' 3.92553 min per / ft arc.

STATION	ARC	chord length 8'@ fc L. curb	chord length 8'@ fc. W. curb	Deflection	Total Deflection
11+59.33	P.C.				0° 00' 00"
+75	15.67'	15.92'	17.92'	1° 01' 31"	1° 01' 31"
12+00	25.00'	25.40'	28.59'	1° 38' 08"	2° 39' 39"
+25	"	"	"	1° 38' 08"	4° 17' 47"
+50	"	"	"	1° 38' 09"	5° 55' 56"
+75	"	"	"	1° 38' 08"	7° 34' 04"
13+00	"	"	"	1° 38' 08"	9° 12' 12"

East Side ARMOUR DRIVE
Proj No. DAKS 573057

3/13

13+00	25.00'	25.40'	28.59'	1° 38' 08"	9° 12' 12"
+25	"	"	"	1° 38' 09"	10° 50' 21"
+50	"	"	"	1° 38' 08"	12° 28' 29"
+75	"	"	"	"	14° 06' 37"
14+00	"	"	"	1° 38' 08"	15° 44' 45"
+25	25.00'	25.40'	28.59'	1° 38' 09"	17° 22' 54"
14+56.14 P.T.	31.14'	31.63'	35.61'	2° 02' 14"	19° 25' 08"

**STATIONING and CURVE DATA IS for ℄ Channel ONLY ** Δ: 38° 50' 15" RAD: 478.44' TAN: 168.66'

STATION	ARC	CHORD	DEFLECTION	TOTAL DEFLECTION
12+10.40 P.C.				0° 00' 00"
+25	14.60'	14.60'	0° 52' 27"	0° 52' 27"
+50	25.00	25.00'	1° 29' 49"	2° 22' 16"
+75	"	"	1° 29' 49"	3° 52' 05"
13+00	"	"	"	5° 21' 54"
+25	"	"	"	6° 51' 43"
+50	"	"	"	8° 21' 32"
+75	"	"	"	9° 51' 21"
14+00	"	"	"	11° 21' 10"
+25	"	"	"	12° 50' 59"
+50	"	"	"	14° 20' 48"
+75	"	"	"	15° 50' 37"
15+00	"	"	"	17° 20' 26"
+25	25.00'	25.00'	1° 29' 49"	18° 50' 15"
15+34.71' P.T.	9.71'	9.71'	0° 34' 53"	19° 25' 08"

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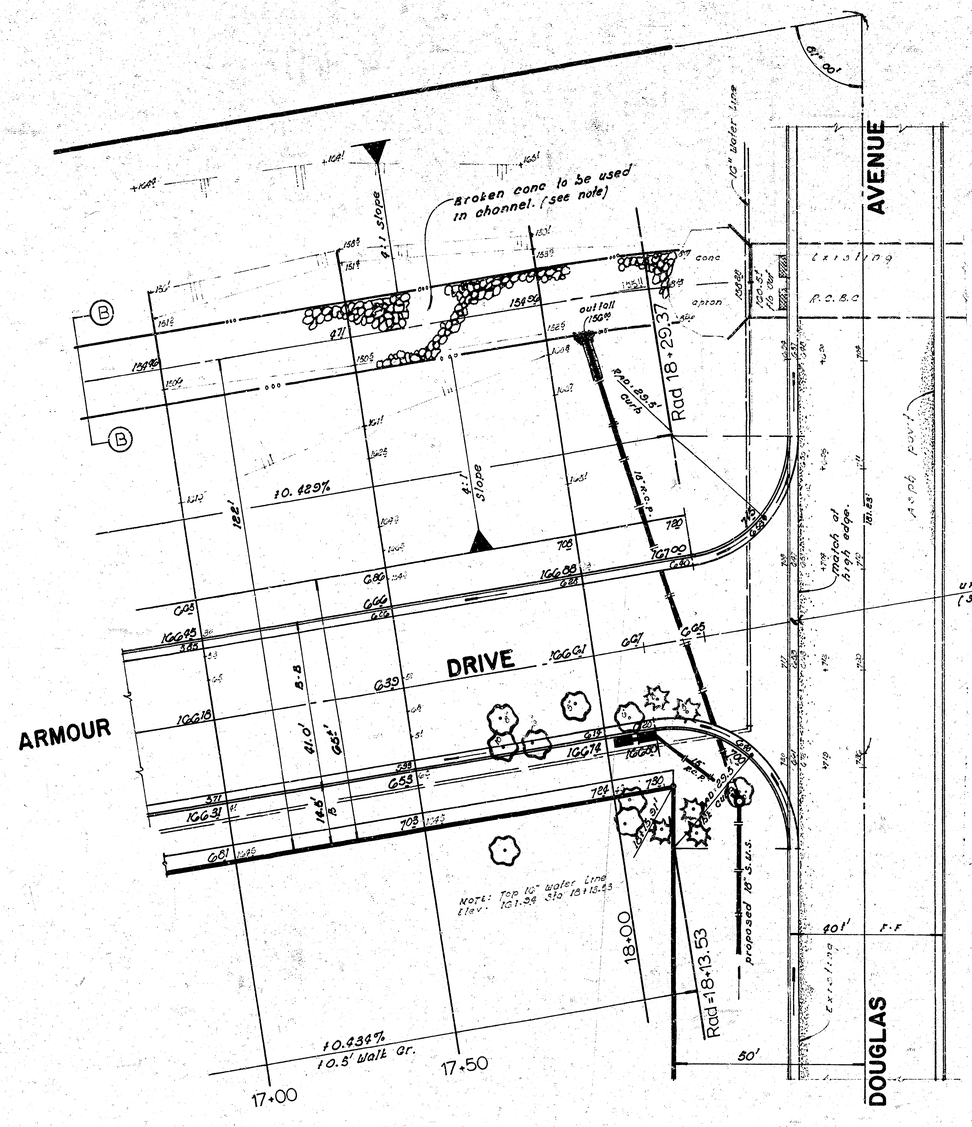
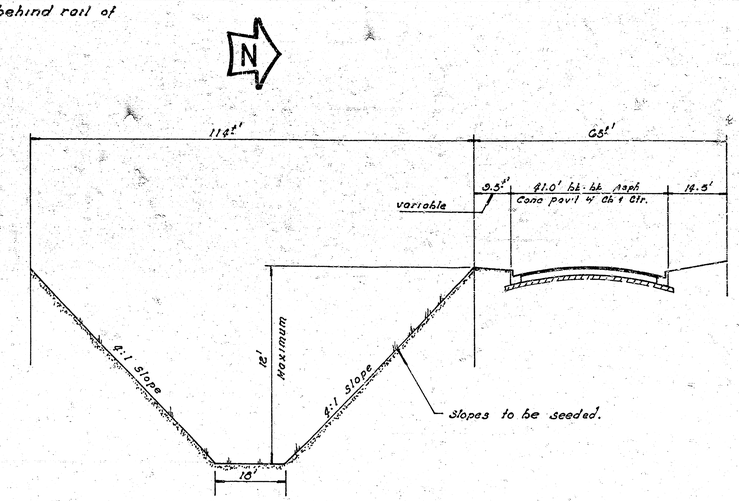
B.M.: IG739 STD Disc @ E.end N. Hubguard behind rail of Bridge @ DOUGLAS and ARMOUR.



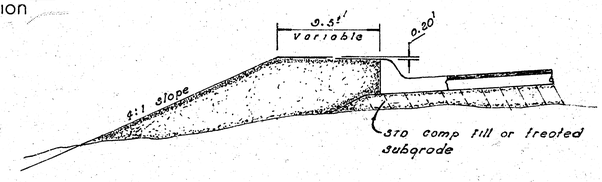
UNDERPINNING (See Note).

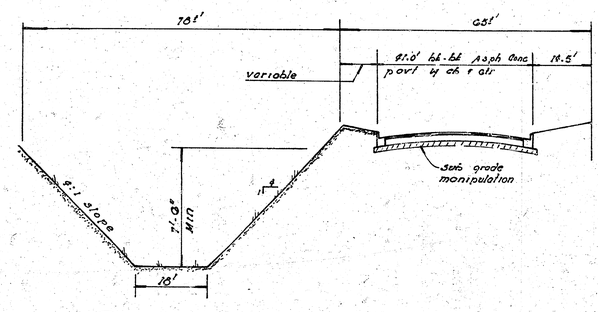
NOTE: Remove existing comb curb & gutter only. Dowel steel to remain in place if possible. ENGINEER to exercise the option of eliminating underpinning where dowel steel is useable.

NOTE: BROKEN CONCRETE DEBRIS ON BOTH SIDES OF CHANNEL IS TO BE USED TO GRADE FLOW OF EXISTING CHANNEL TO NEW FLOW ELEVATIONS BEGINNING AT NORTH END OF PROJECT AND PROCEEDING SOUTH. THIS WORK SHALL BE PAID FOR AT THE PRICE BID FOR CLEARING RIGHT OF WAY. FIELD ENGINEER TO TAKE CROSS SECTIONS BEFORE AND AFTER CONCRETE DEBRIS IS PLACED ON CHANNEL BOTTOM.



B/B Channel Section





A/A Channel Section

SEEDING

Seed shall be mixed native grass seed as specified in section T3-13 of the KANSAS STATE HIGHWAY STD specifications. (Edition) 1966. MULCH shall be prairie hay. FERTILIZING, SEEDING, and MULCHING shall conform to sections H2, H5, H6 and all other related sections of the 1966 standard Specification of KANSAS STATE HIGHWAY COMMISSION. Desireable native grasses shall not be disturbed except as necessary to construct channel. Native grass seed shall be applied at the rate of 80 lbs of seed per acre. FERTILIZER shall be applied of the rate of 300 lbs of fertilizer per acre. Fertilizer shall contain 12% NITROGEN, 12% PHOSPHATE, & 12% POTASSIUM.

East Side ARMOUR DRIVE
Proj No. DAKS 573057

5/1

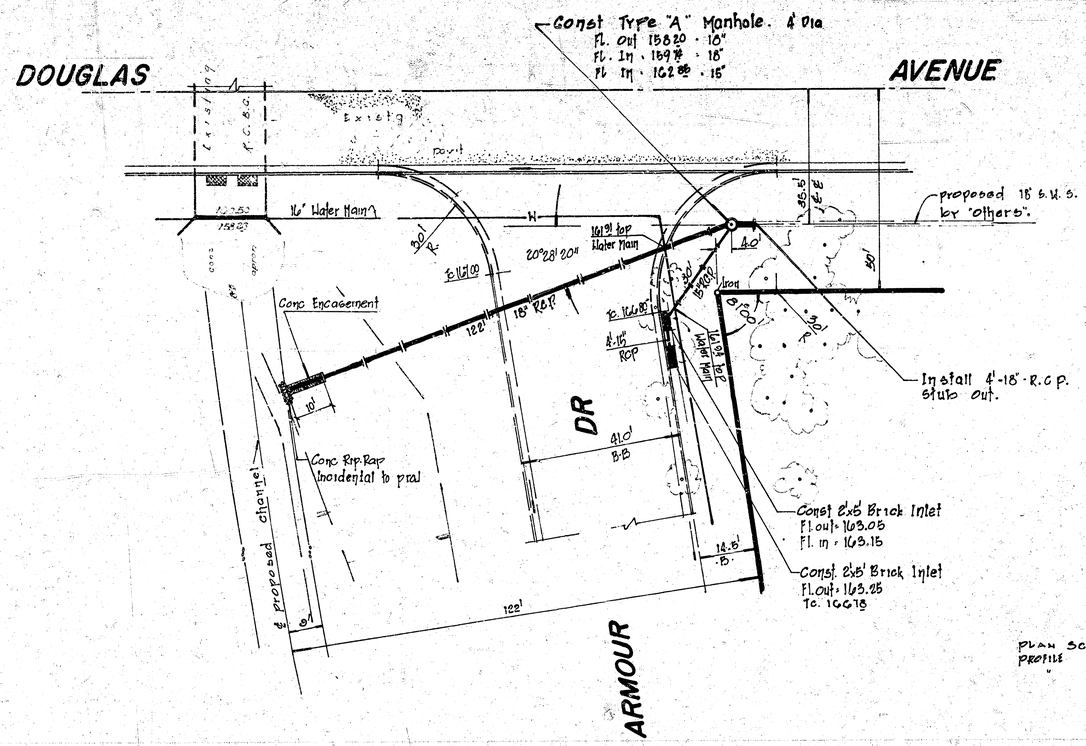
"DRAINAGE" in connection with paving East Side ARMOUR DRIVE. — S.L. Kellogg Mall Addn to S.L. Douglas Ave.

CITY of WICHITA, KANSAS

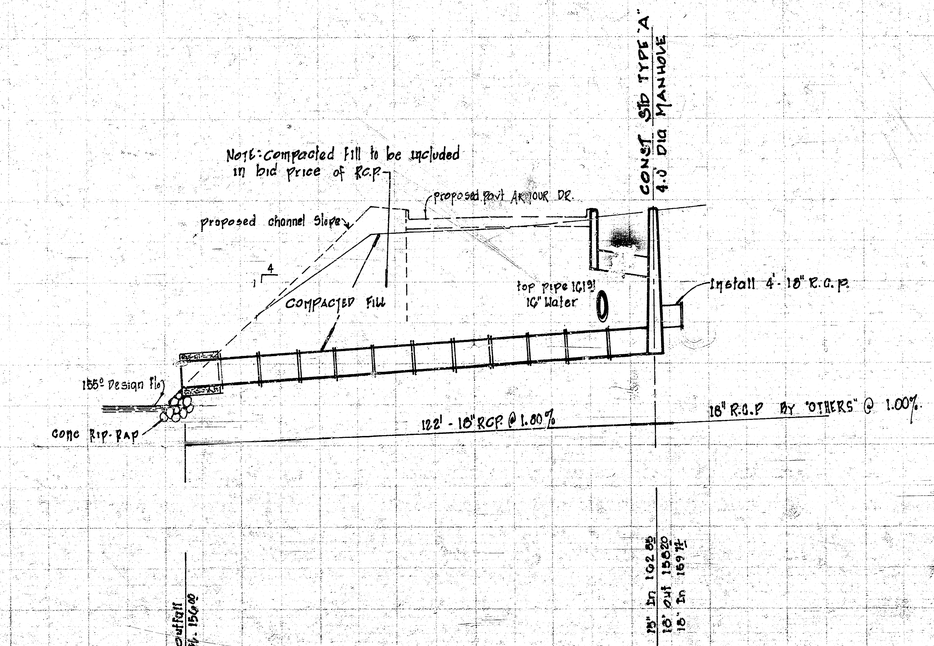
R.W. LINN — CITY ENGINEER

Date APRIL 1974 Proj No. DAKD 573057

RONALD E. SCHNEIDER LICENSED 6311 KANSAS PROFESSIONAL ENGINEER



PLAN SCALE 1" = 20'
PROFILE " 1" = 20' HORZ
" " 1" = 5' VERT



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165
160
155

Proj No. DAKD573057