

PAVING PLANS FOR NORTHBROOK MEADOW PHASE II

39TH STREET NORTH COURT: SERVING LOTS 1 THROUGH 11 INCLUSIVE, BLOCK 1

PROJECT NO.
472-76-245-81925-000-000-001

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK CITY ENGINEER

SEPTEMBER 1989
INDEX NO. 760161

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
2. TRANSITION CURB FROM FULL HEIGHT COMBINATION CURB AND GUTTER TO ROLL TYPE COMBINATION CURB AND GUTTER IS TO BE PAID AS BID FOR LINEAL FEET COMBINED CURB AND GUTTER (3 5/8" ROLL).
3. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.
4. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
5. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS - ONE-CALL 1-800-344-7233

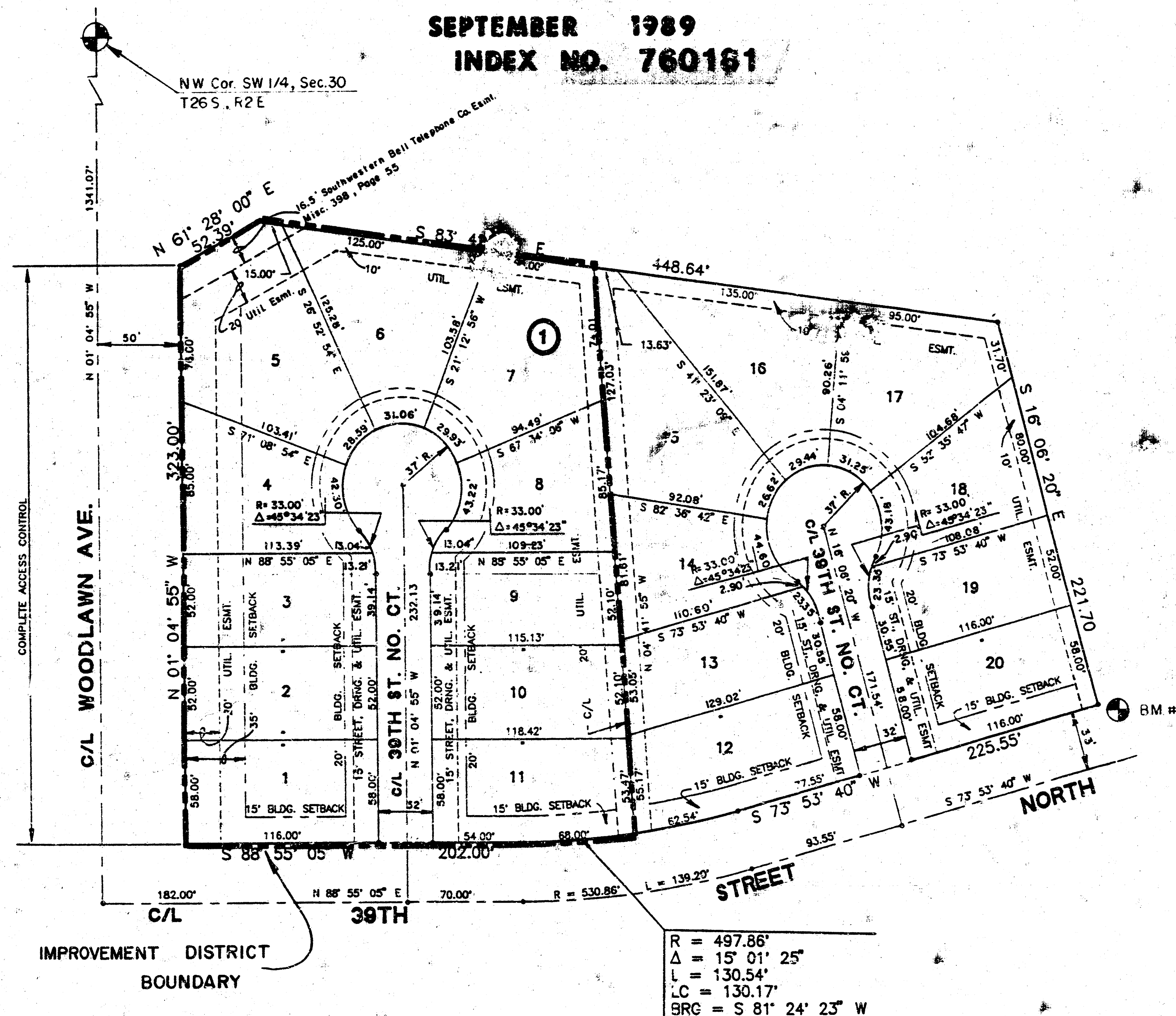
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

ARKLA GAS COMPANY 942-8350 or 263-8161
BELL TELEPHONE COMPANY 1-316-571-2611
CABLEVISION 262-4270 or 263-2061
KPL GAS SERVICE 263-7511
KANSAS GAS & ELECTRIC 264-1141
CITY OF WICHITA WATER DEPARTMENT 268-4908
CITY OF WICHITA SEWER DEPARTMENT 268-4071
CONTINENTAL PETROLEUM PIPELINE 1-800-767-2267

6. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN INSTANTLY UNAPPEALING APPEARANCE WILL NOT BE APPROVED.
7. THIS PROJECT INCLUDES A CERTAIN AMOUNT OF ROLL TYPE CURB CONSTRUCTION. ROLL CURBS SHALL BE DERESSED THROUGH ALL DRIVEWAY OPENINGS WHEN SUCH DRIVES ARE CONSTRUCTED AS A PART OF THE PROJECT. NO MORE THAN 2 DRIVES 20 FEET IN WIDTH OR EQUIVALENT COMBINATIONS THEREOF, ARE TO BE CONSTRUCTED WITH THIS PROJECT.

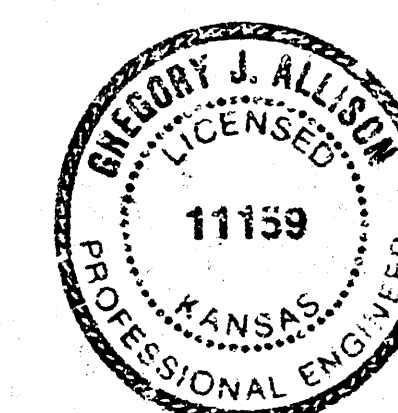
BENCH MARKS

"D" Cut on N.W. Cor. of R.C.B. on 39TH ST. NO.
at S.E. Cor. of Northbrook Meadow
Elev. = 183.45 City Datum



INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2,3	PAVING DETAILS
4	39TH ST. NO. CT.
5,6	CROSS SECTIONS
7	FINAL PLAT

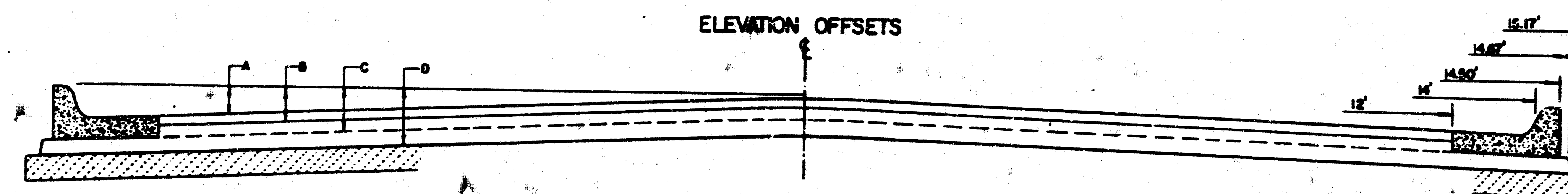
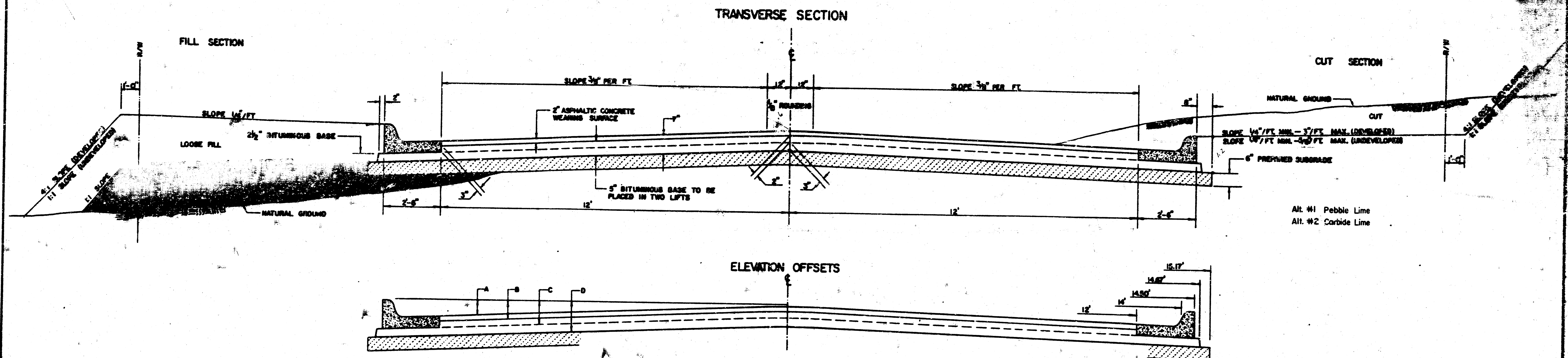


	NORTHBROOK MEADOW PAVING PLANS	G.A. KKL, KSM Sept. 1989
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK REAR BUILDING #100 WICHITA, KANSAS 67226 636-5566	Sheet 1 of 7

MKEC Proj. # 89-17-113 E

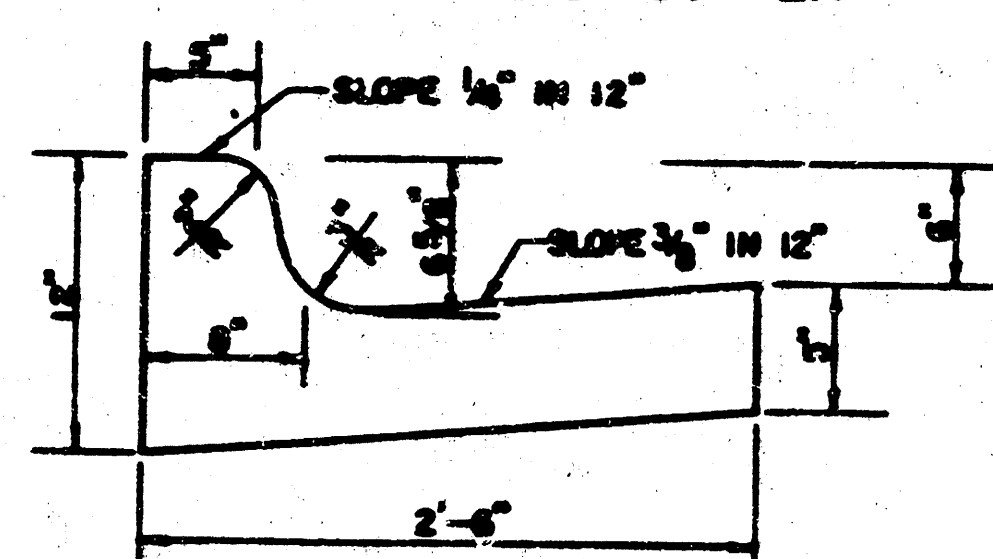
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TYPICAL 29' PAVEMENT DETAILS

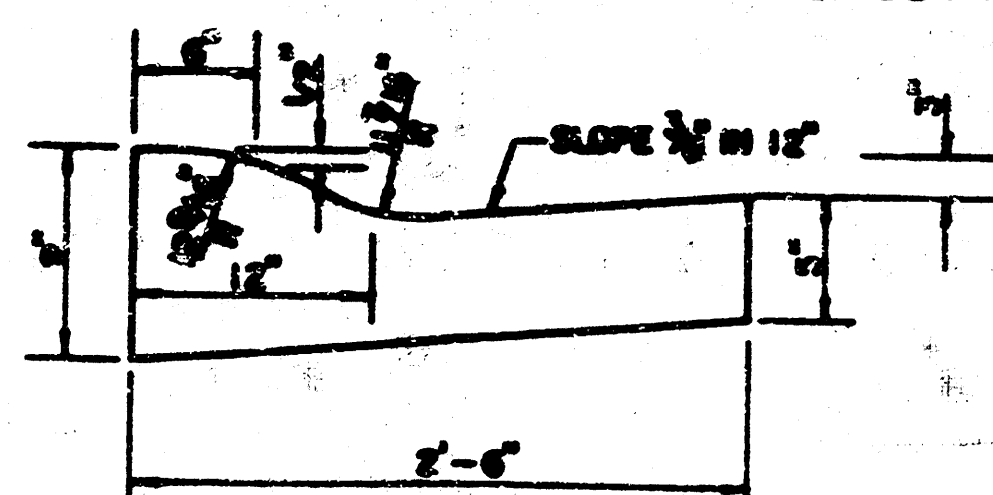


	DISTANCE FROM CENTERLINE (L & R)												
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	14.87'	15.17'	
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.16	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—	—	
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.38	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—	—	
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.47	0.52	0.60	0.68	0.71	0.75	0.83	0.90	0.98	1.00	1.01	—	
D: TOP OF CURBS TO TOP OF SUBGRADE	0.72	0.77	0.84	0.91	0.94	0.98	1.05	1.12	1.19	1.21	1.21	1.23	

COMBINED CURB & GUTTER



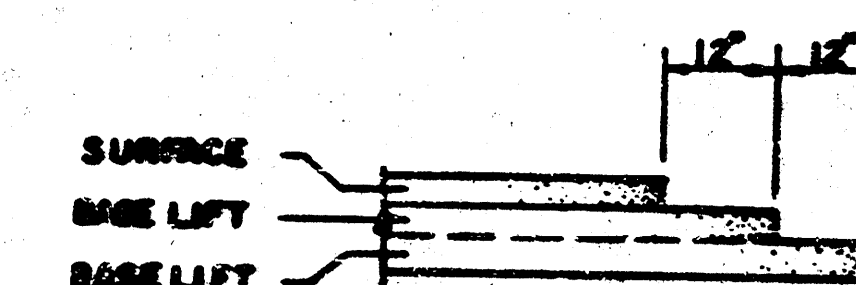
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE FINISHING BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SEPARATE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SEPARATE YARDS OF 5" BITUMINOUS BASE.
- 3) A TACK COAT OF GRADESIFIED ASPHALT (50-100 OR 120-140) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAVERON HIGHWAY MIXING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREADER'S ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS

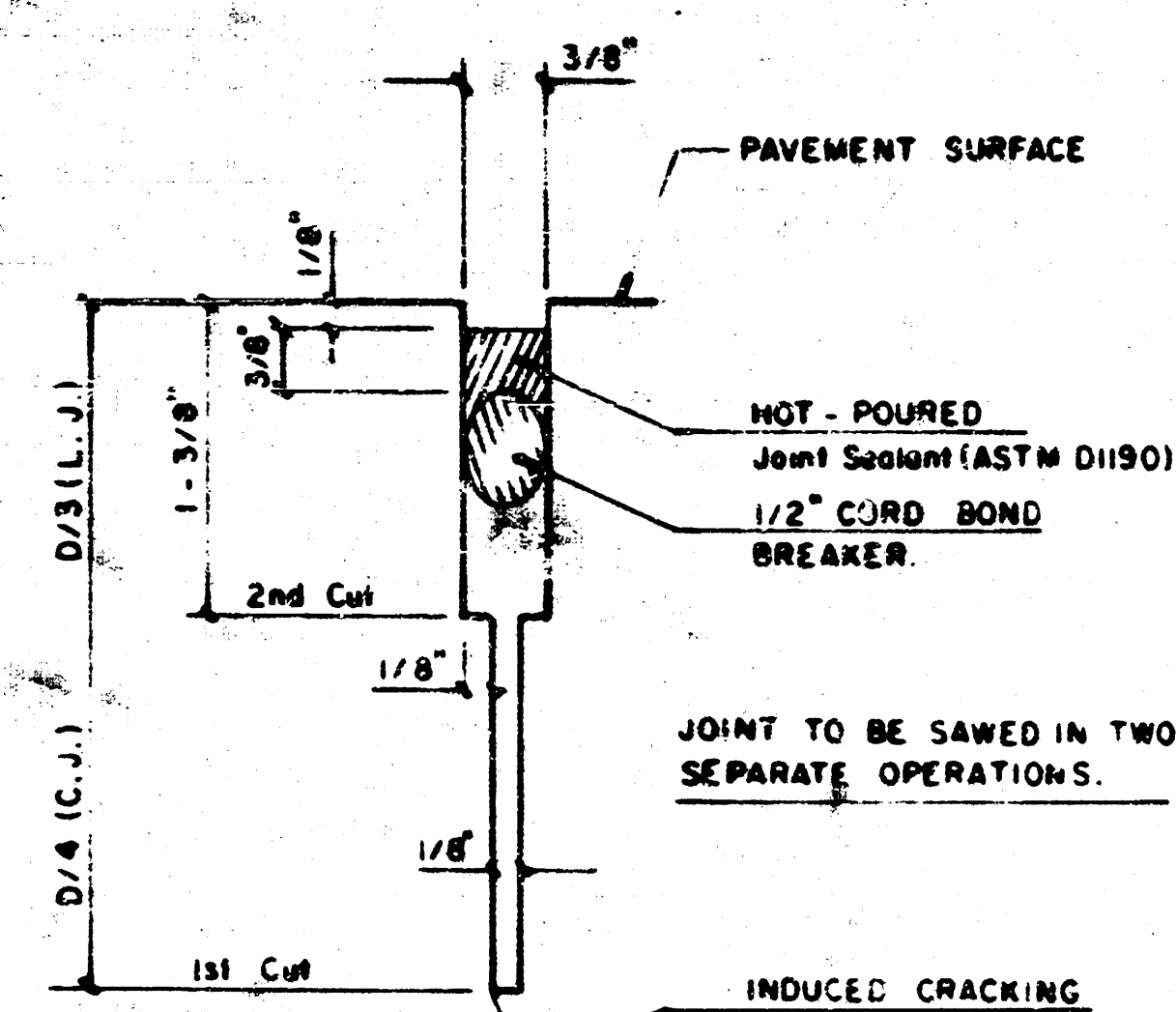


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARD 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

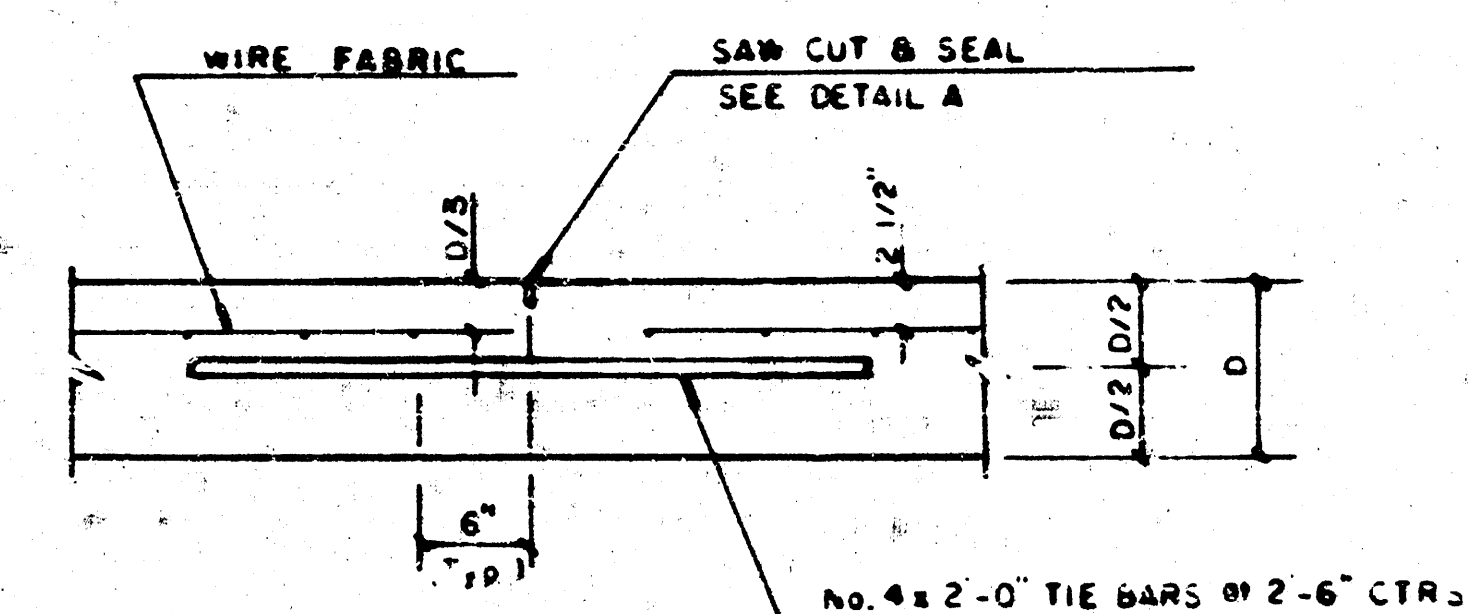
7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS

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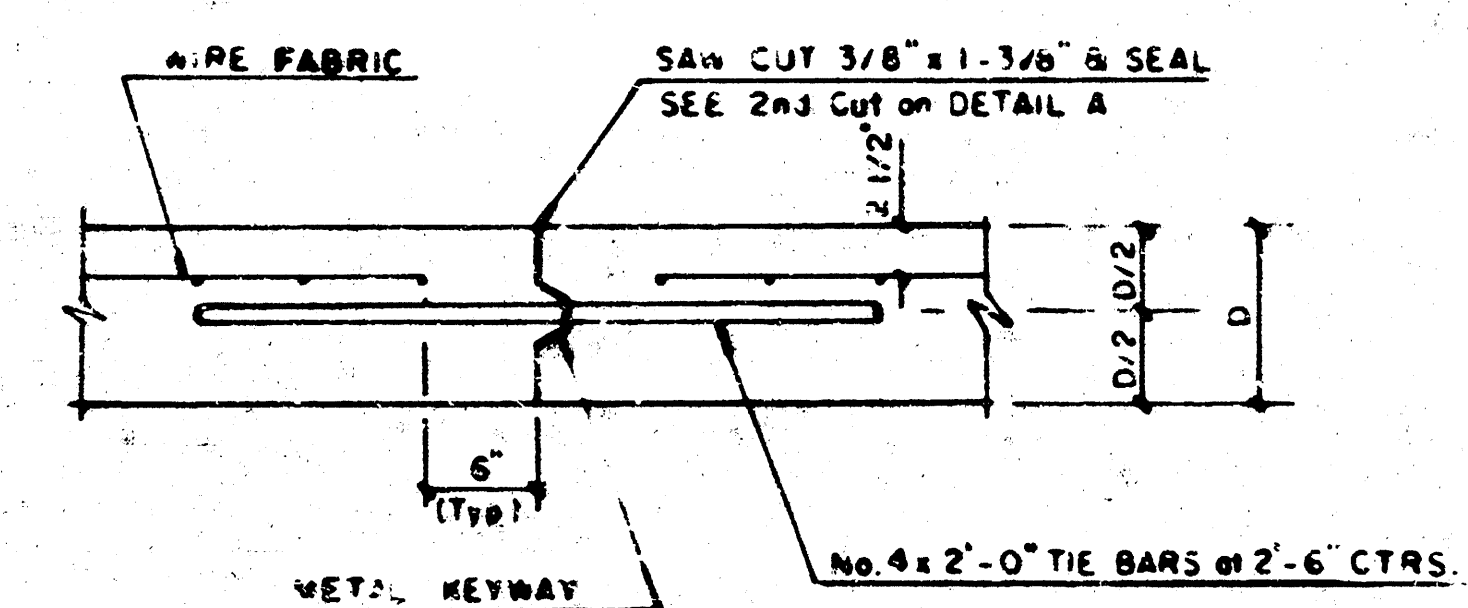
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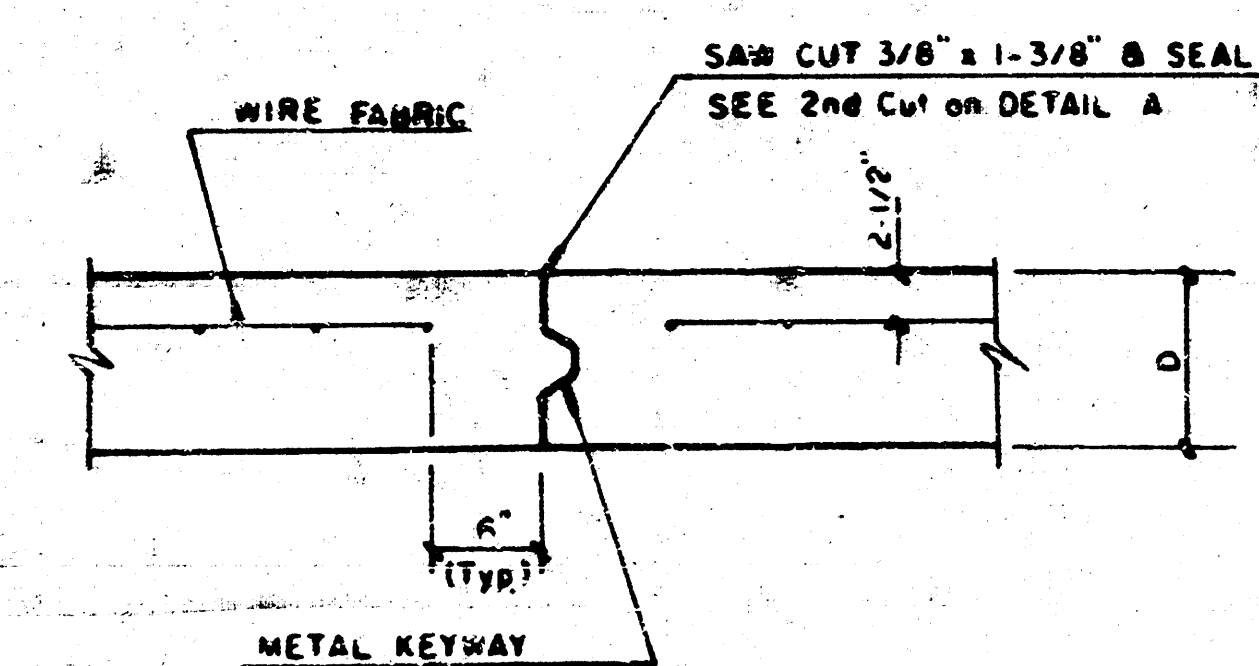
DETAIL A



LONGITUDINAL JOINT DETAIL (L.J.)

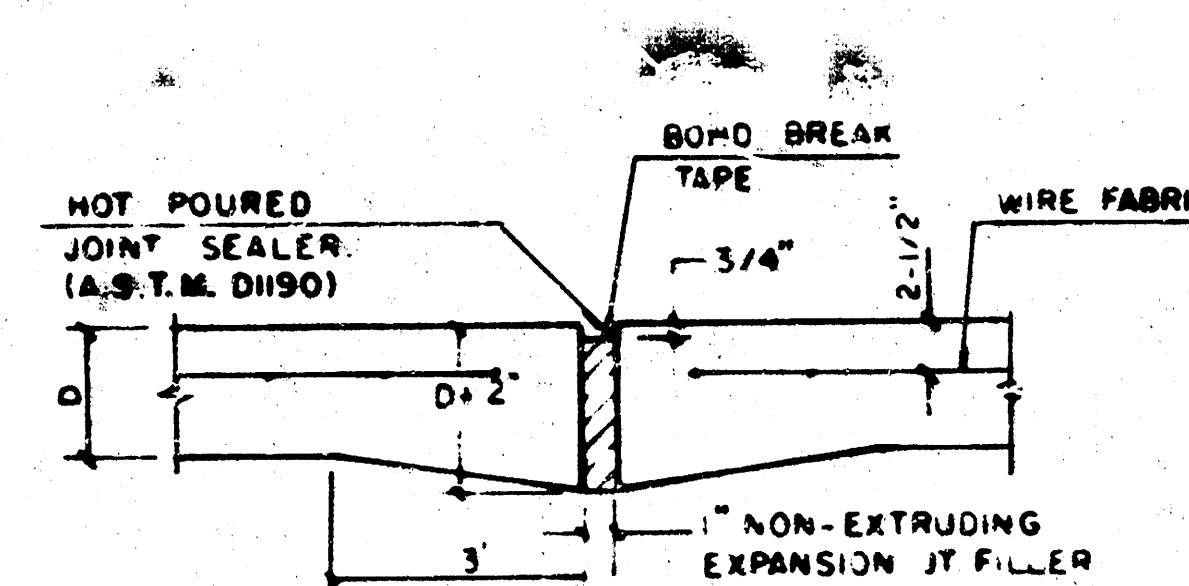


OPTIONAL LONGITUDINAL CONSTRUCTION JOINT (L.J.)
(Alternate L.J.)



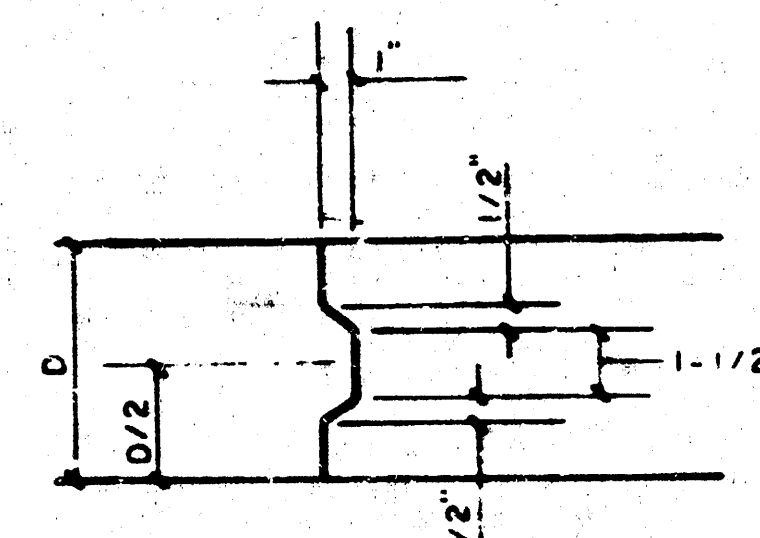
OPTIONAL CONTRACTION CONSTRUCTION JOINT (C.J.)
(Alternate C.J.)

NOTE: ALL CONCRETE VALLEY GUTTER REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED BY BAR CHAIRS IN THE REQUIRED POSITION UNLESS APPROVED OTHERWISE BY THE ENGINEER.

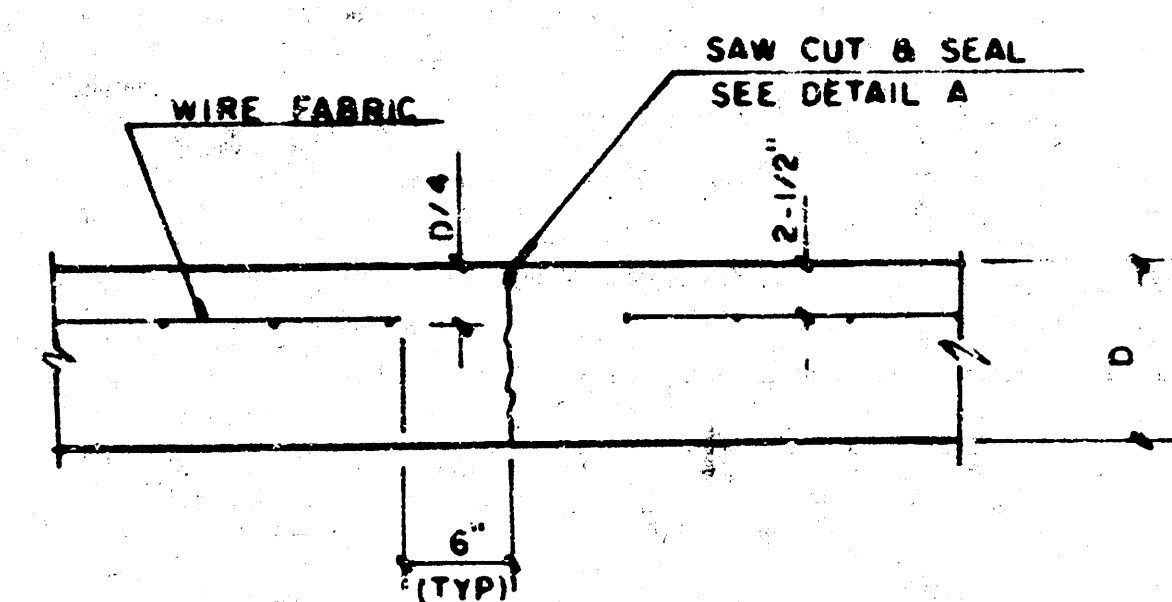


EXPANSION JOINT

NOTE: EXTRA THICKNESS TO BE SUBSIDIARY TO PRICE OF 50 YDS PAVEMENT.



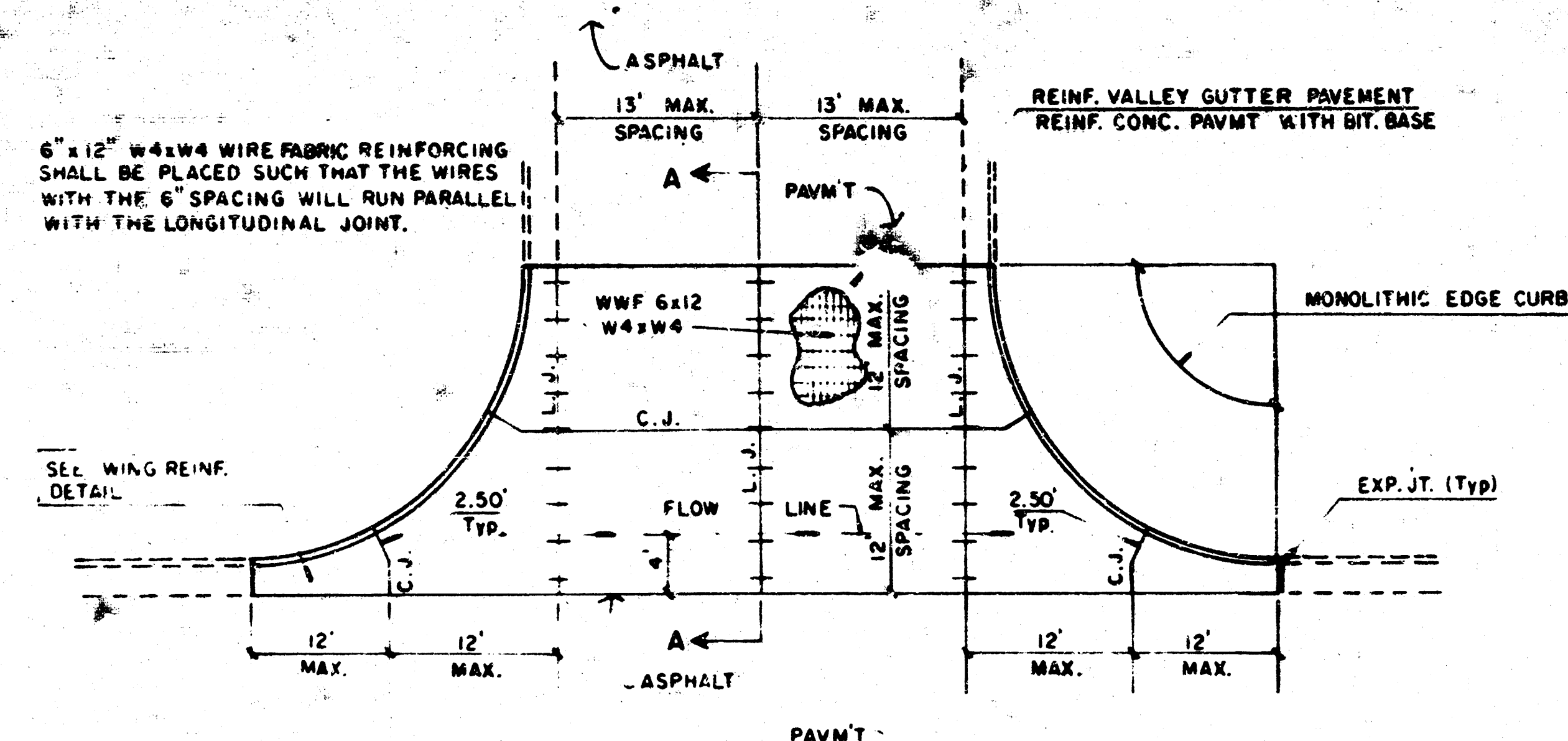
KEYWAY DETAIL



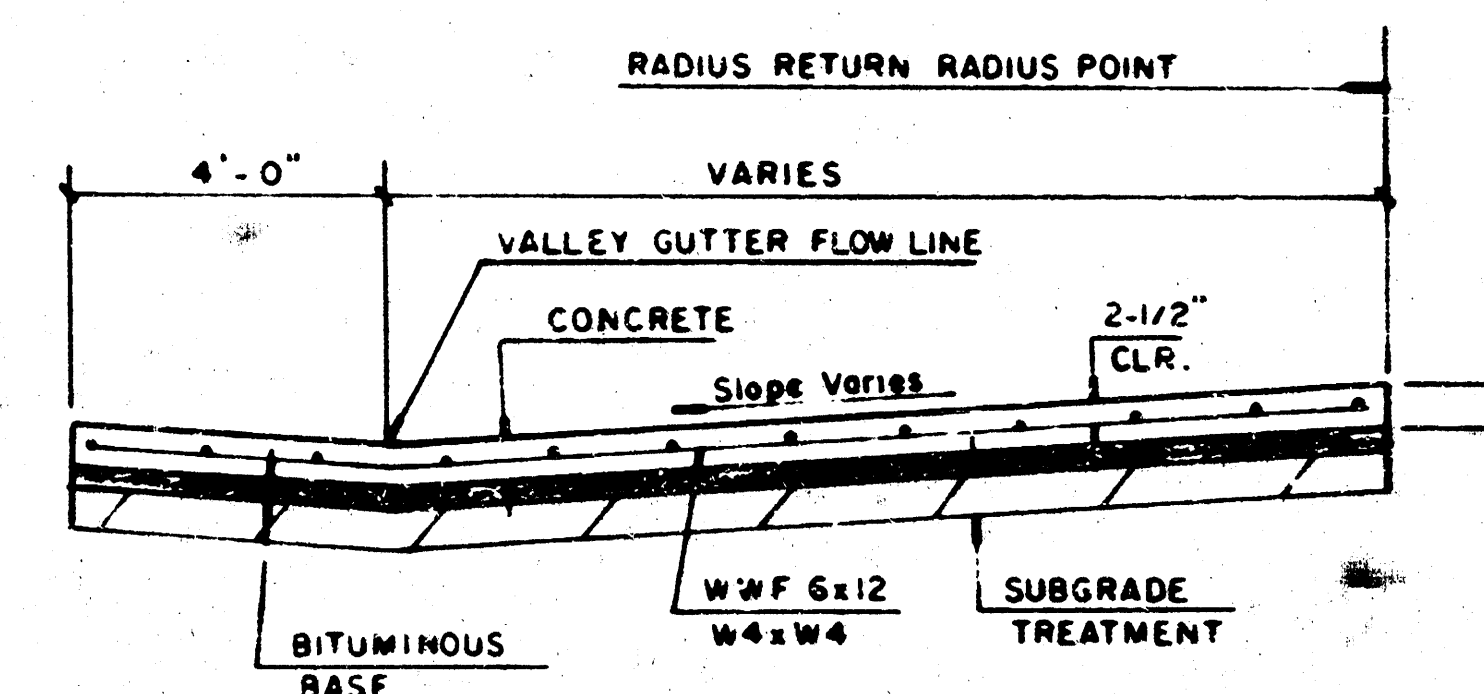
CONTRACTION JOINT DETAIL (C.J.)

LEGEND

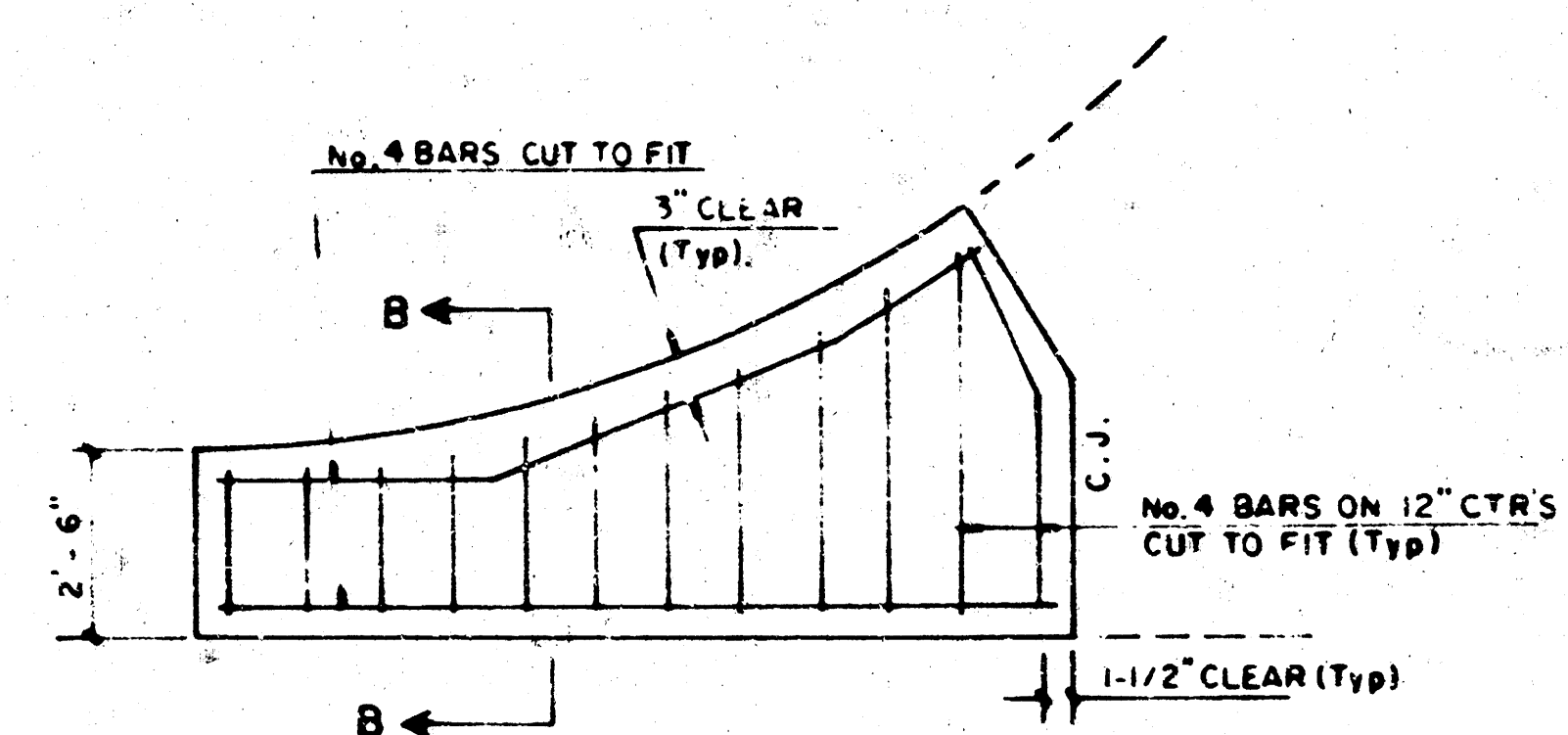
C.J. IDENTIFIES CONTRACTION JOINT
L.J. IDENTIFIES LONGITUDINAL JOINT



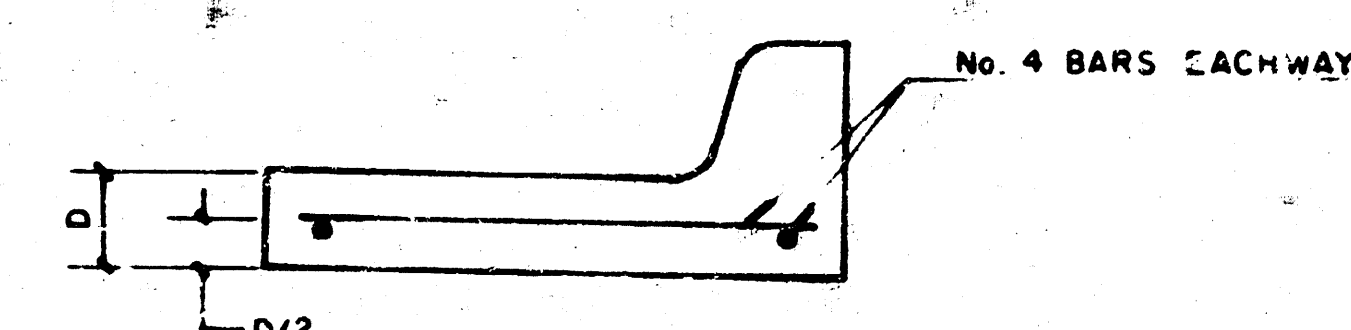
PLAN
REINFORCED VALLEY GUTTER



SECTION A-A



WING REINFORCING DETAIL



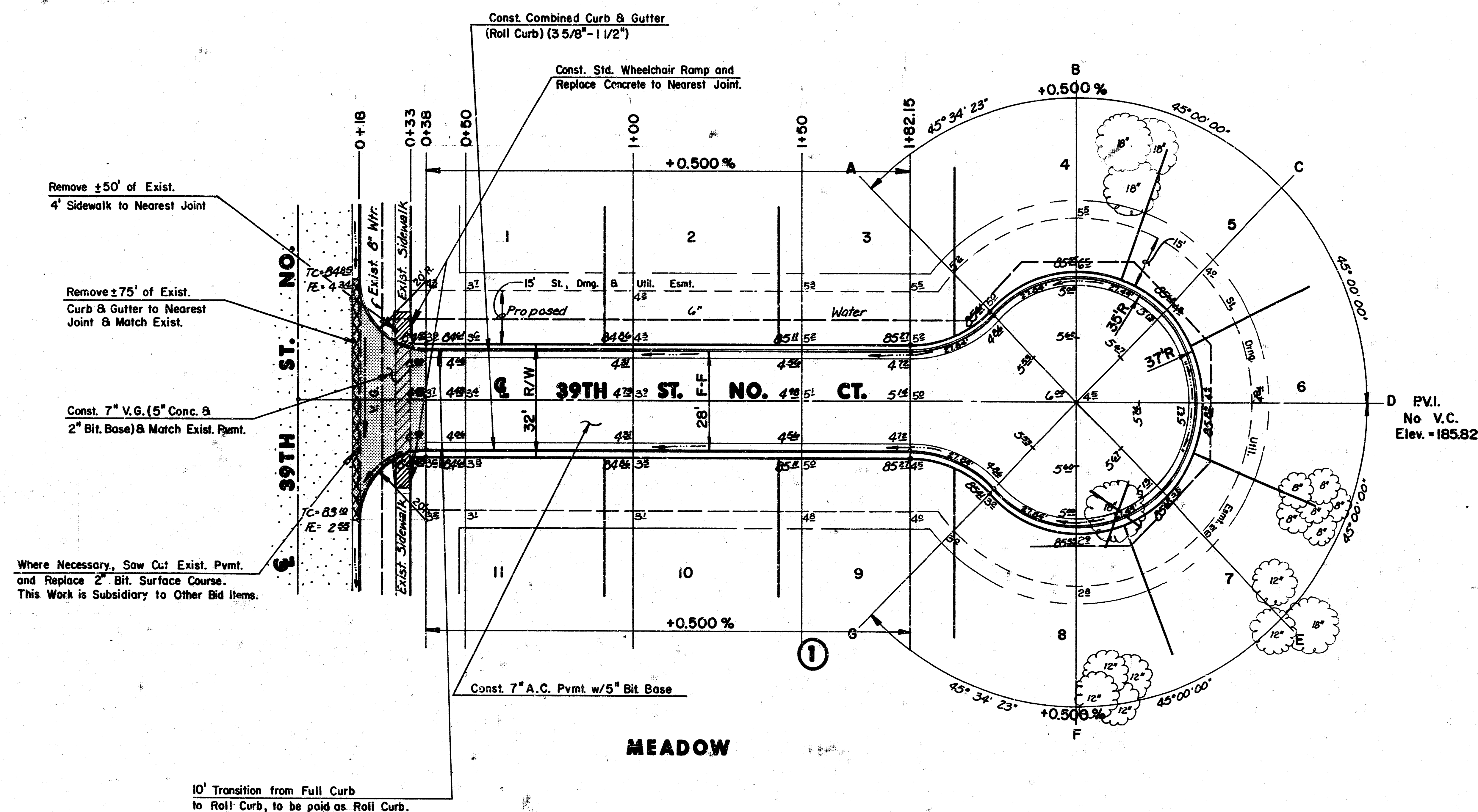
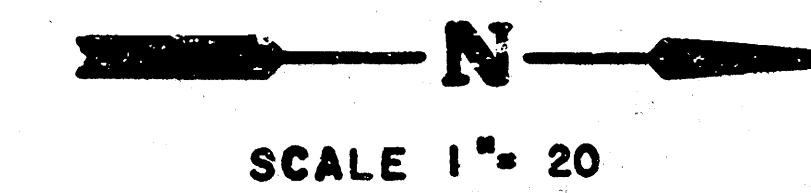
SECTION B-B

PROJECT DESCRIPTION
**VALLEY GUTTER
DETAILS**
PROJECT NUMBER

3/7

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NORTH BROOK



NOTE:
TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB, CONSTRUCT COMBINED CURB & GUTTER (ROLL TYPE.)

INTERSECTION QUANTITIES	
___	S.Y. 7" A.C. Pmnt. w/ 5" Bit. Base
100	S.Y. 7" Reinf. Conc. Valley Gutter w/ 2" Bit. Base
___	L.F. Combined Curb and Gutter - Roll (3 5/8")
63	L.F. Monolithic Edge Curb and Gutter - Roll (3 5/8")
108	S.Y. Subgrade Stabilization (Manipulation)
4.7	S.Y. 2" Bit. Base

Earthwork		
Cut (C.Y.)	Comp. Fill (C.Y.)	Borrow (C.Y.)
155.0	66.0	321.00

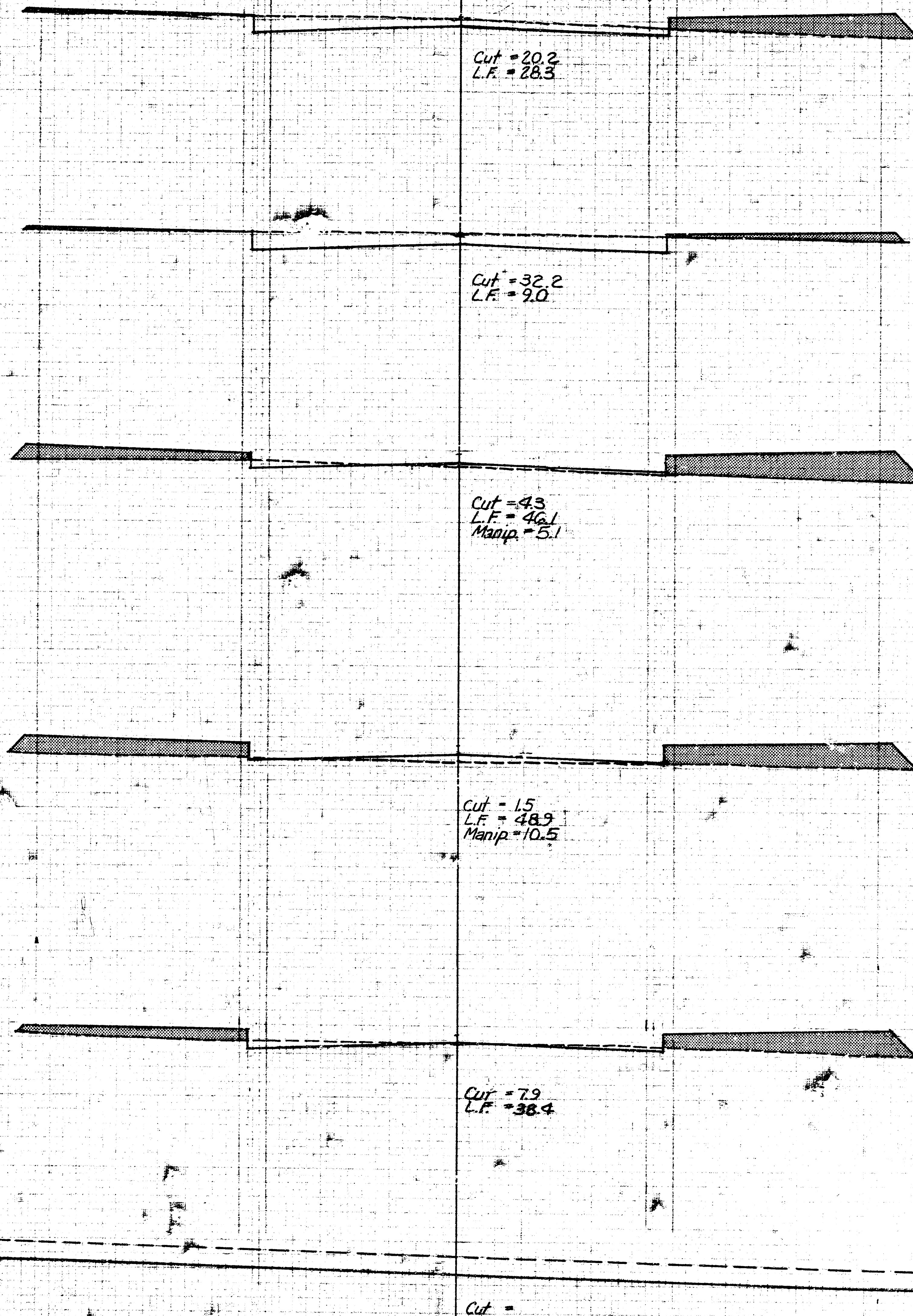
Water Valve Boxes			
Station	Offset	Exist. Elev.	Prop. Elev.
0+25	25' Lt.	—	185.0
2+10	40' Rt.	—	185.8

	CITY OF WICHITA	Design: G.A.
	39 TH ST. NO. CT	Drawn by: KKL
	PROJECT NO. 472-76245-81925-000-000000	Checked by:
	MID-KANSAS ENGINEERING CONSULTANTS P.A. 3500 NORTH ROCK ROAD BUILDING # 800 WICHITA, KANSAS 67226	Date:
	636-5566	Job No.:
		Sheet: 4
		of 7

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NORTHBROOK MEADOW PHASE II
PAVING CROSS SECTIONS
PROJ. NO. 472-76-245-81925-000-000-001

190
185
180
190
185
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190
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190
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180
190
185
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190
185
180
190
185
180



32.15

Cut = 31.2
L.F. = 22.2
C.F. = 0.0
Manip. = 0.0

Sta. 1+15

50.00

Cut = 33.8
L.F. = 51.0
C.F. = 0.0
Manip. = 4.7

Sta. 1+50.00

50.00

Cut = 5.4
L.F. = 88.0
C.F. = 0.0
Manip. = 14.4

Sta. 1+00.00

12.00

Cut = 2.1
L.F. = 134
C.F. = 0.0
Manip. = 2.3

Sta. 0+50.00

20.00

Cut = 33.1
L.F. = 14.2
C.F. = 0.0
Manip. = 0.0

Sta. 0+38.00

Sta. 0+18.00

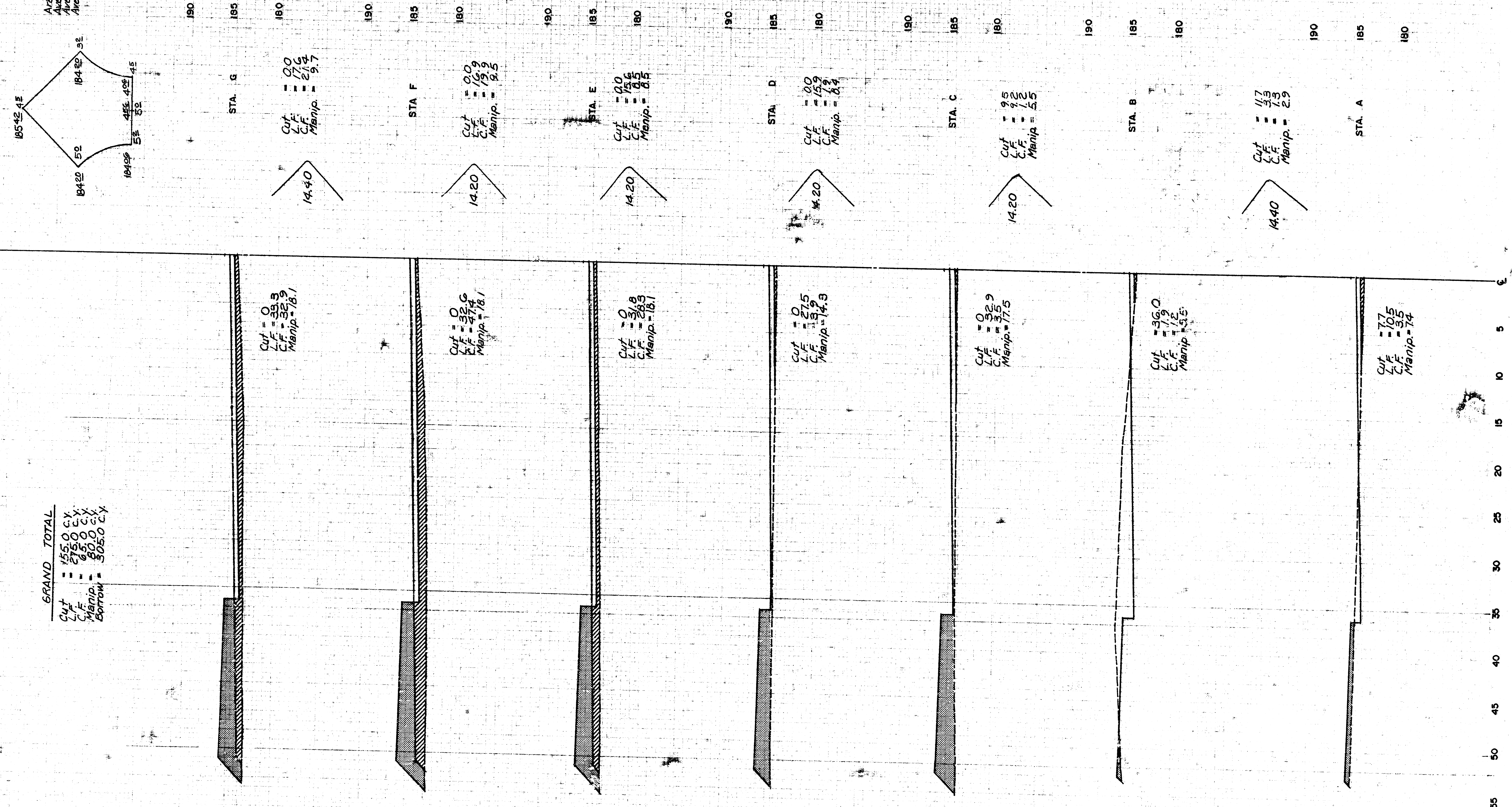
Sta. 0+18.00 to Sta. 1+82.15
MKEC Proj. # 89-17-115-E

5/7

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GRAND TOTAL
Cut = 155.0 C.Y.
L.F. = 2750 C.Y.
Manip. = 65.0 C.Y.
Bottom = 305.0 C.Y.

Area = 1540.0 Sq. Ft.
Aver. Depth (C.F.) = 2.54 Ft.
Aver. Depth (Manip.) = 2.54 Ft.
Aver. Depth (Cut) = 50.54 Ft.



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