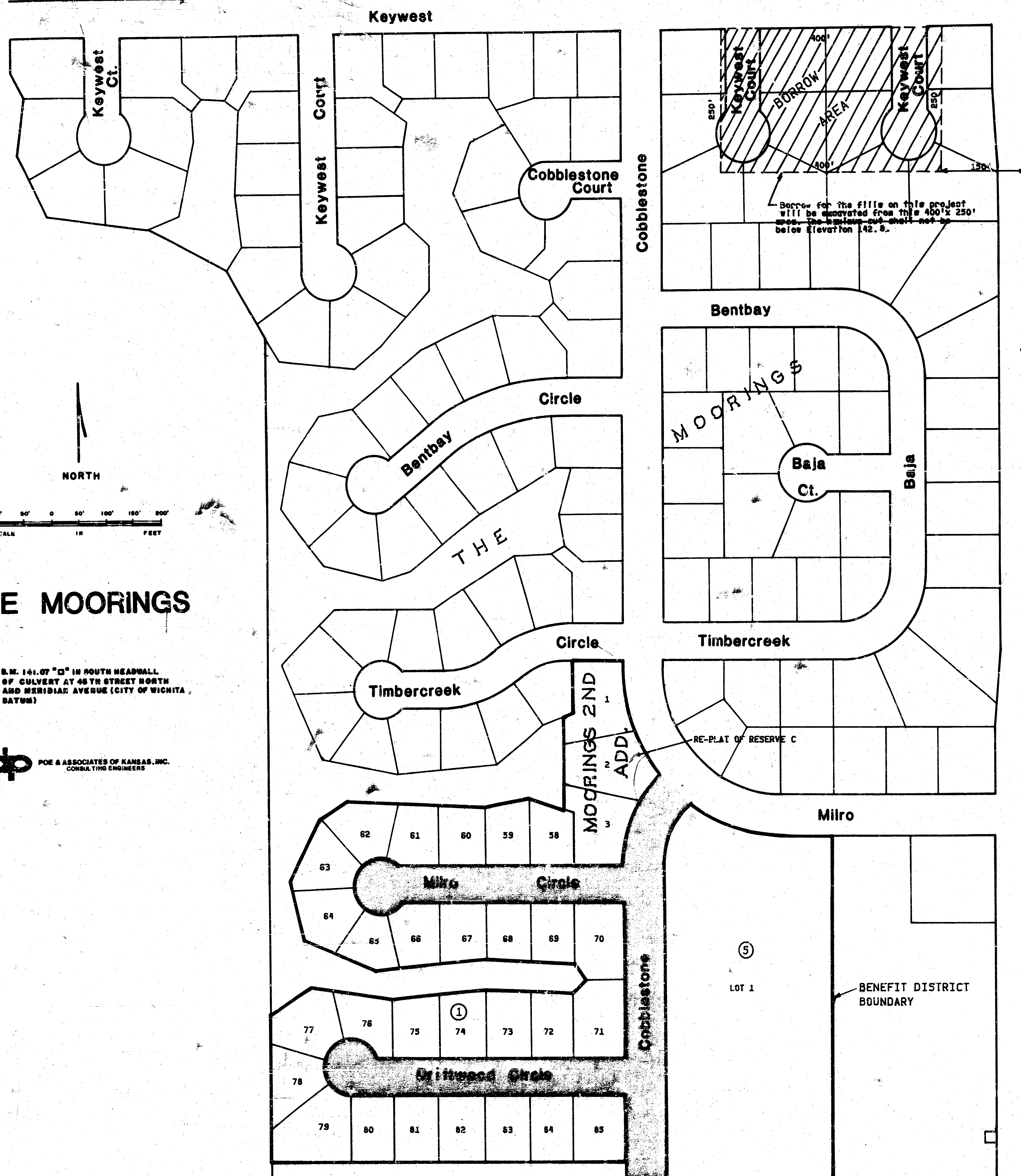




THE MOORINGS

S.M. 141.07 "C" IN SOUTH HEADWALL
OF CULVERT AT 48TH STREET NORTH
AND MERIDIAN AVENUE (CITY OF WICHITA
DATUM)



POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS

STREET IMPROVEMENTS CITY OF WICHITA, KANSAS

COBBLESTONE FROM S. LINE BLK 5. TO S. LINE OF MILRO
DRIFTWOOD CIRCLE FROM W. LINE COBBLESTONE TO AND INCL. CUL-DE-SAC
MILRO CIRCLE FROM W. LINE COBBLESTONE TO AND INCL. CUL-DE-SAC

M.E. LINDEBAK, CITY ENGINEER

PROJECT NO. 472-76-245-80599-000-000-001

SEPTEMBER 1983

SEWAGE LINE AND WATER LINE CONSTRUCTION BENEATH THE PAVING SHALL
BE COMPLETED AND ACCEPTED BEFORE PAVEMENT MAY BE PLACED.

INDEX

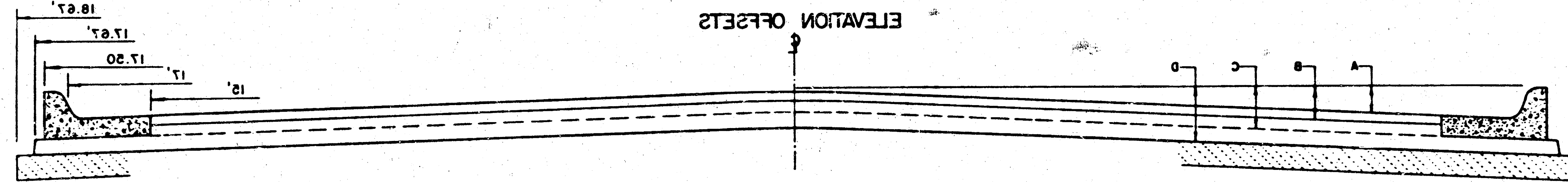
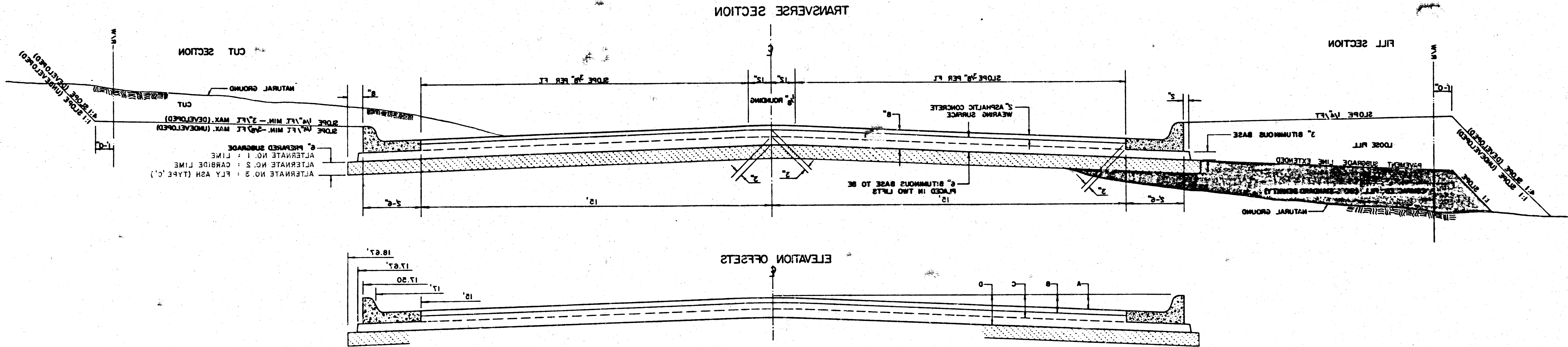
Title Sheet-----	Sheet 1
Typ. 35' Pavement Details----	Sheet 2
Typ. 41' Pavement Details----	Sheet 3
Cobblestone-----	Sheet 4 & 5
Driftwood Circle-----	Sheet 6
Milro Circle-----	Sheet 7
Cross-Sections-----	Sheet 8-11



1. EXCAVATION OF THE BORROW MATERIAL FROM THE BORROW AREA AND PLACEMENT OF THE BORROW ON THE PROJECT SHALL BE PAID AS CURB YARDS EXCAVATION. THE QUANTITY OF THIS REMOVAL SHALL BE DETERMINED FROM ORIGINAL AND FINAL CROSS-SECTIONS OF THE ROADWAY.
2. NO DRIVEWAYS TO BE CONSTRUCTED AS PART OF THIS PROJECT.

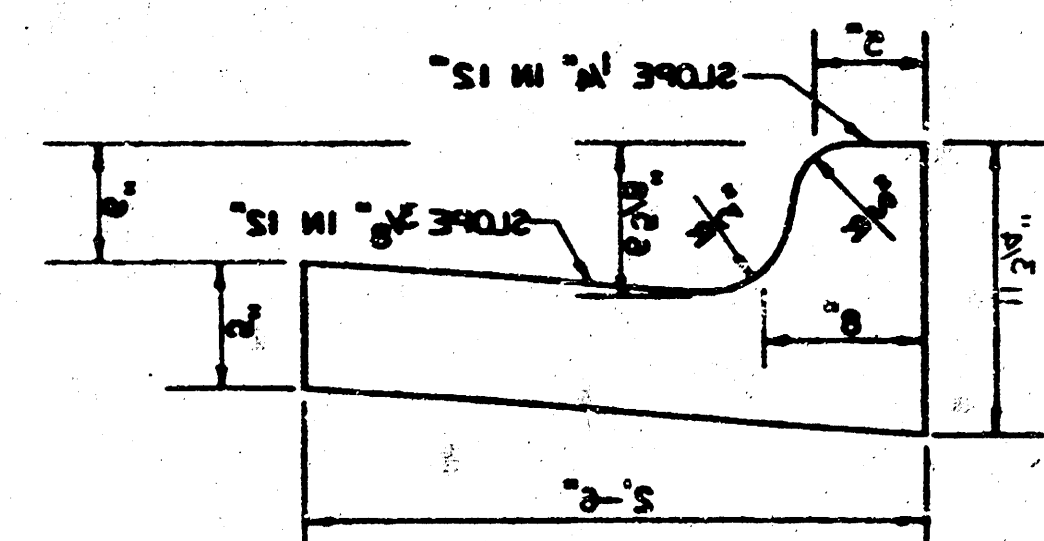
THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO REESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

TYPICAL 35' PAVEMENT DETAILS

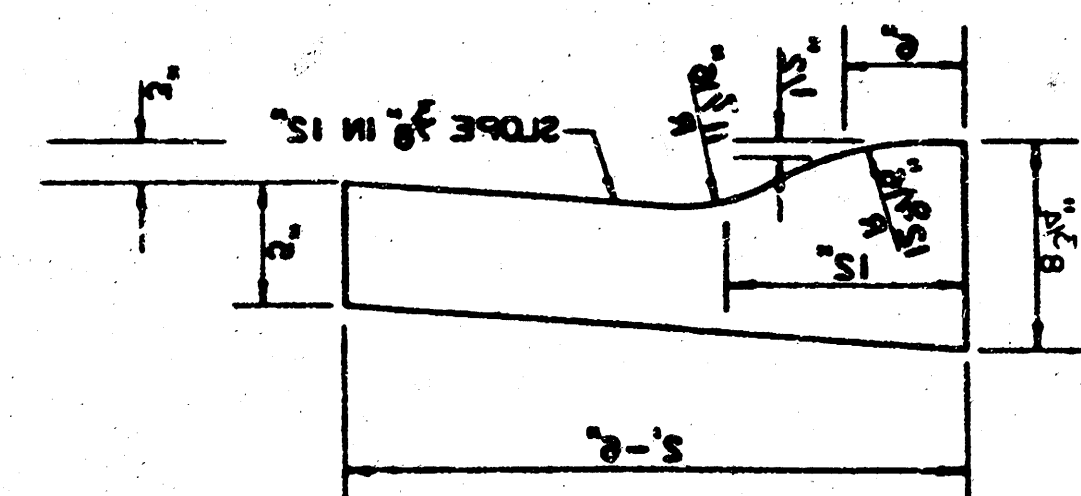


	DISTANCE FROM CENTERLINE (FT. & IN.)															
	0'	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'
TOP OF CURB TO TOP OF SURFACE LIFT	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOP OF CURB TO TOP OF UPPER BASE LIFT	0.51	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
TOP OF CURB TO TOP OF LOWER BASE LIFT	0.48	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
TOP OF CURB TO TOP OF SUBGRADE	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10

COMBINED CURB & GUTTER



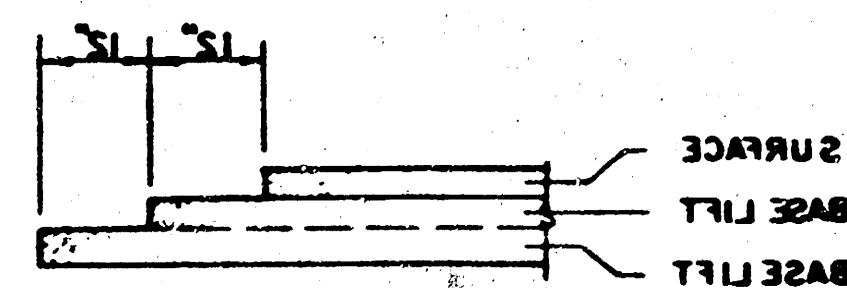
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SHOWN LAYERS OF 8\"/>
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SHOWN LAYERS OF 7\"/>
- 3) A JACK COAT OF EMULSIFIED ASPHALT (20-10 OR 20-10) SHALL BE APPLIED AT AN APPROPRIATE RATE OF 0.03 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A RANDOM MACHINE HAVING AUTOMATIC CONTROLS FOR THE MIX AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STaggerED A MINIMUM DISTANCE OF ONE 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 THE SUBGRADE TREATMENT AFTER WHEN AFTER-PAVING WAS PROVIDED IN THE PROPOSED AND CONSTRUCTED THE ALTERNATE PROJECT.

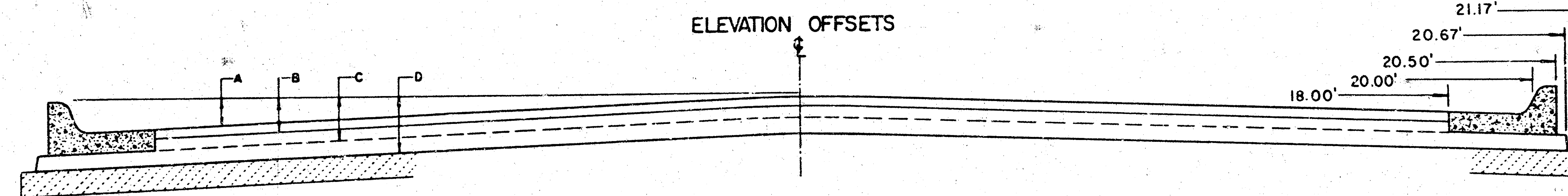
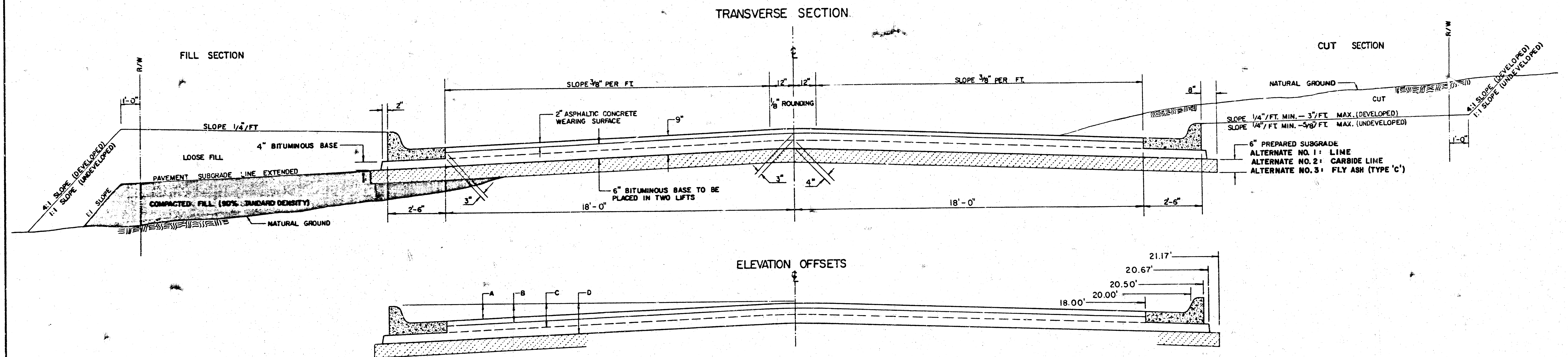
TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN EXISTING FLEXIBLE BASE PAVEMENT AT LOCATIONS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINTS SHALL BE INCLUDED IN THE BID PRICE FOR SURFACE LAYERS OF ASPHALTIC CONCRETE (8\"/>

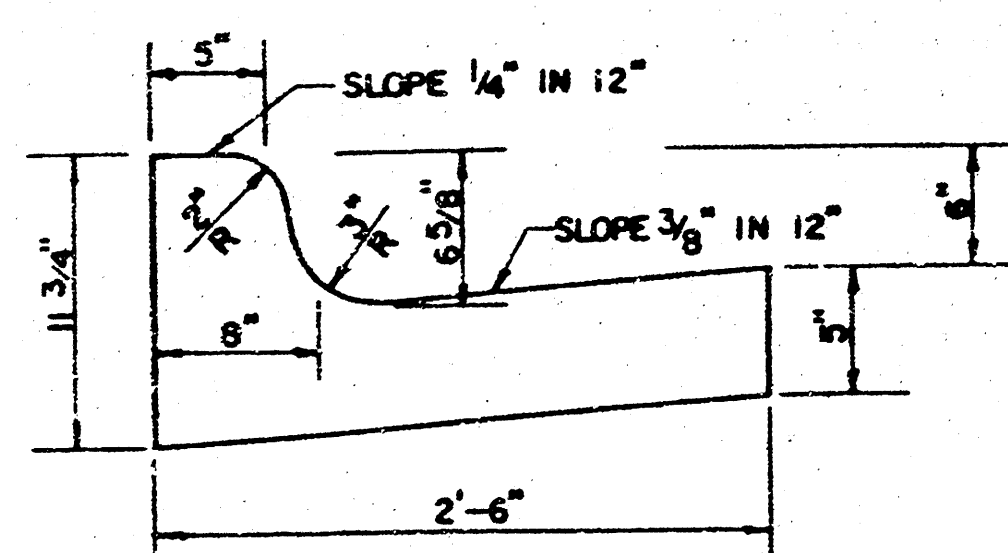
8 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 6 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
475-YE-545-80223-000-000-001
SHEET 5 OF 11

TYPICAL 41' PAVEMENT DETAILS

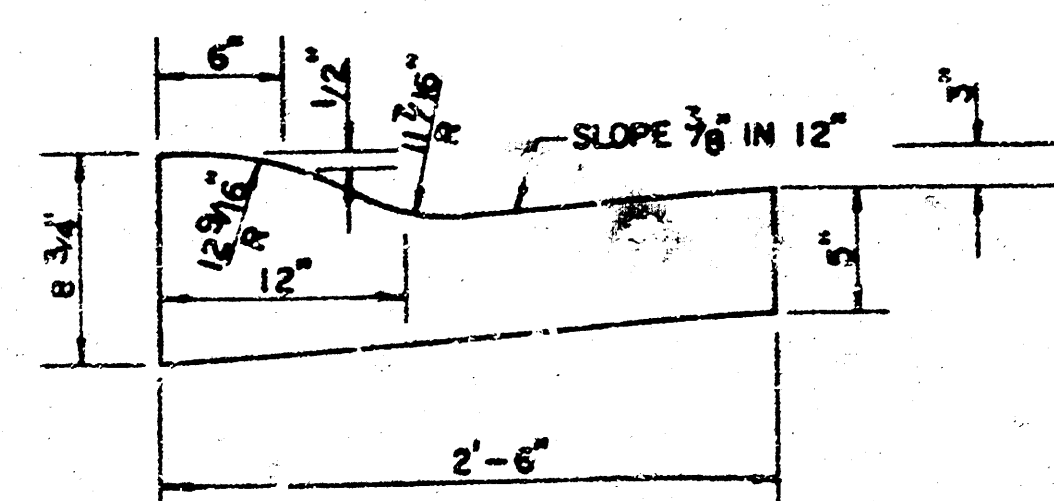


	DISTANCE FROM CENTERLINE (LT. & RT.)													
	0	2	4	6	8	10	12	14	16	18	20	20.5	20.67	21.17
A: TOP OF CURBS TO TOP OF SURFACE LIFT	-.05	-.01	.05	.11	.18	.24	.30	.36	.43	.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.11	.16	.22	.28	.34	.40	.47	.53	.59	.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.36	.41	.47	.53	.59	.65	.72	.78	.84	.90	.97	.98	.99	—
D: TOP OF CURBS TO TOP OF SUBGRADE	.69	.74	.80	.86	.92	.98	1.05	1.11	1.17	1.23	1.30	1.31	1.32	1.33

COMBINED CURB & GUTTER



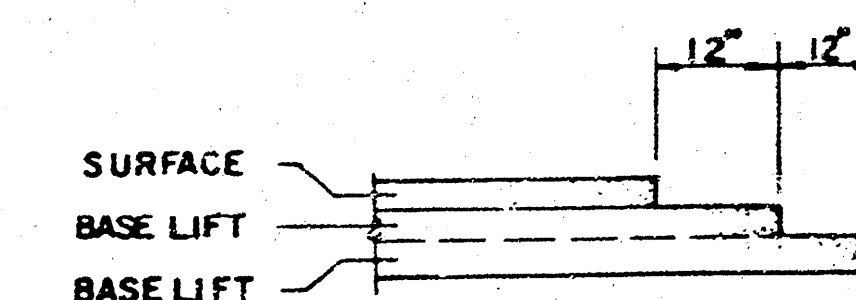
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 9" ASPHALTIC CONCRETE (7" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 4" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) 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 LAYDOWN MACHINE HAVING 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 TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

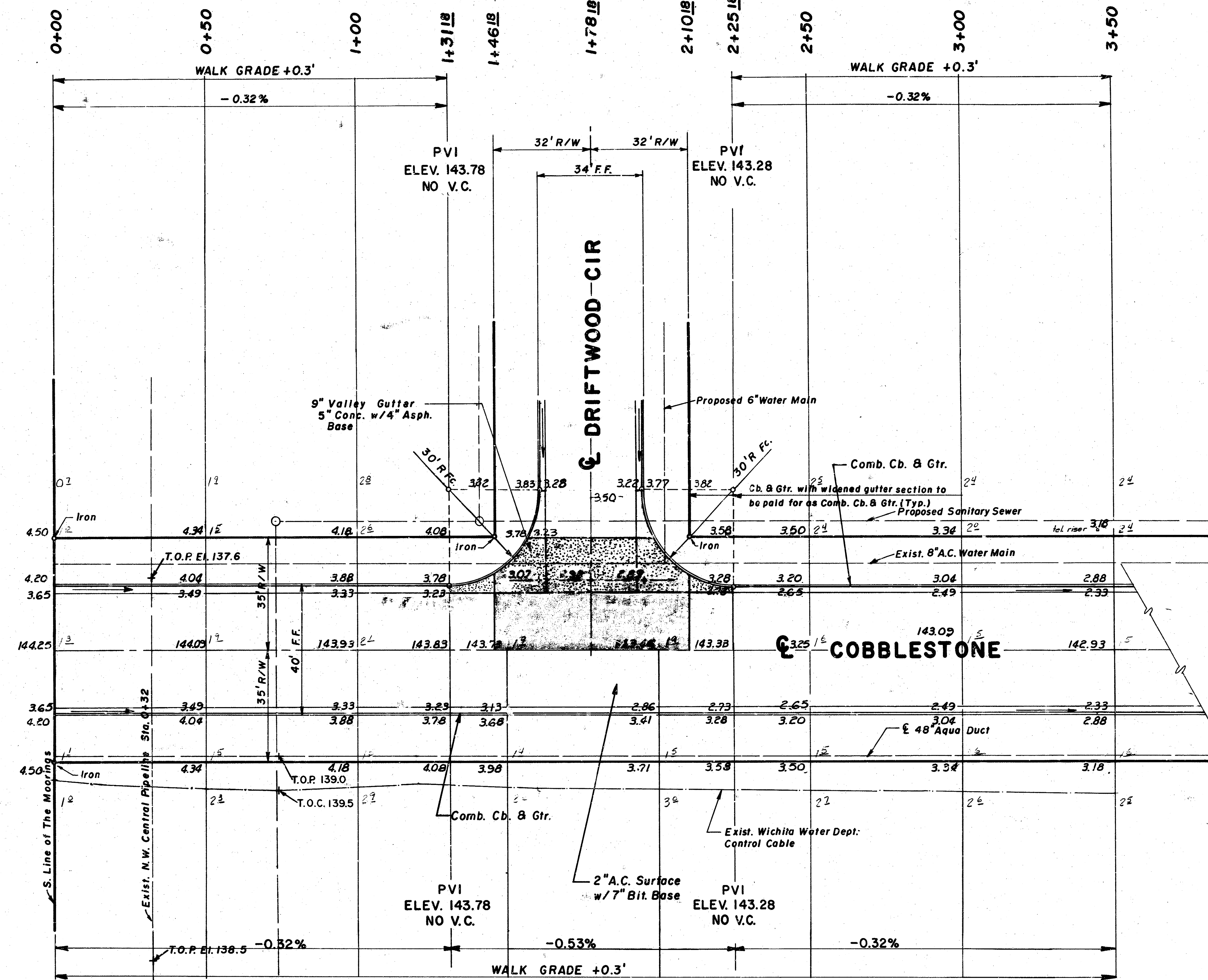
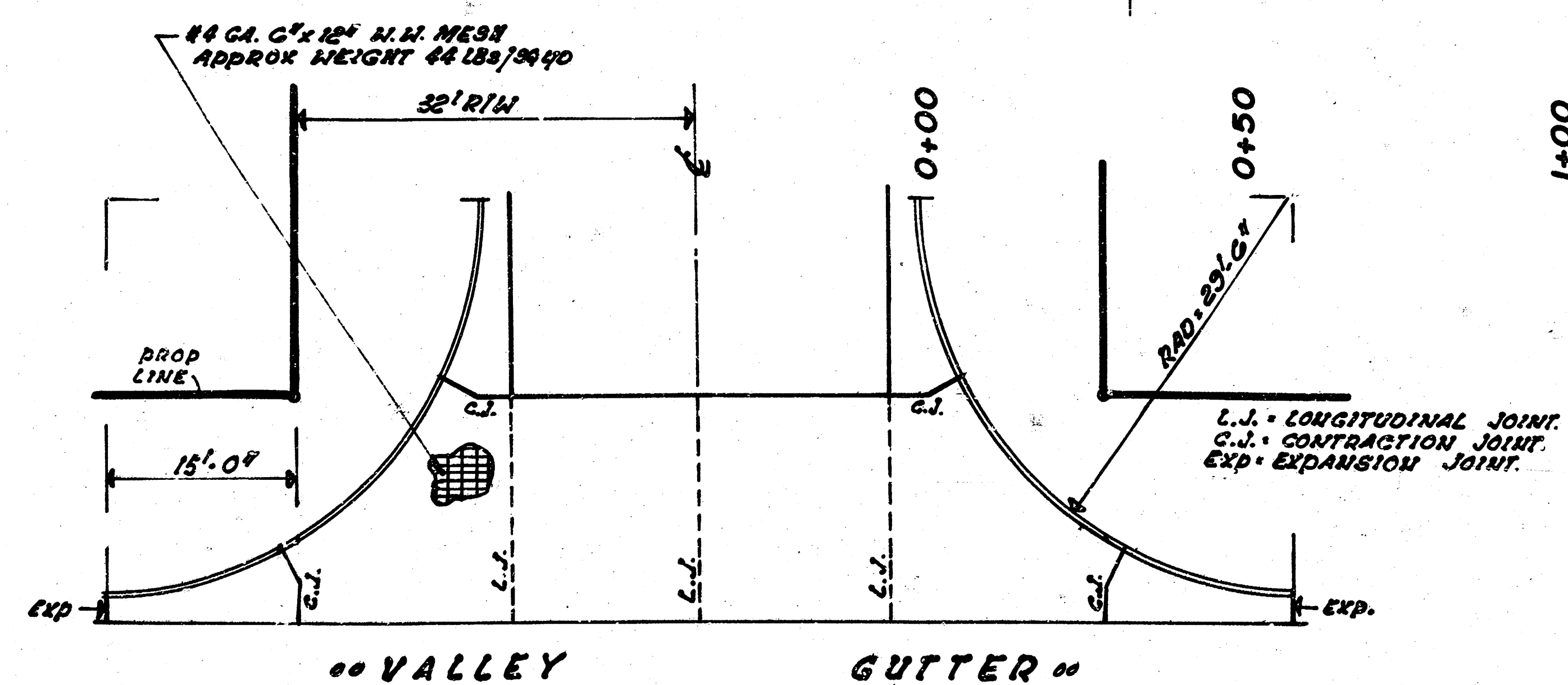
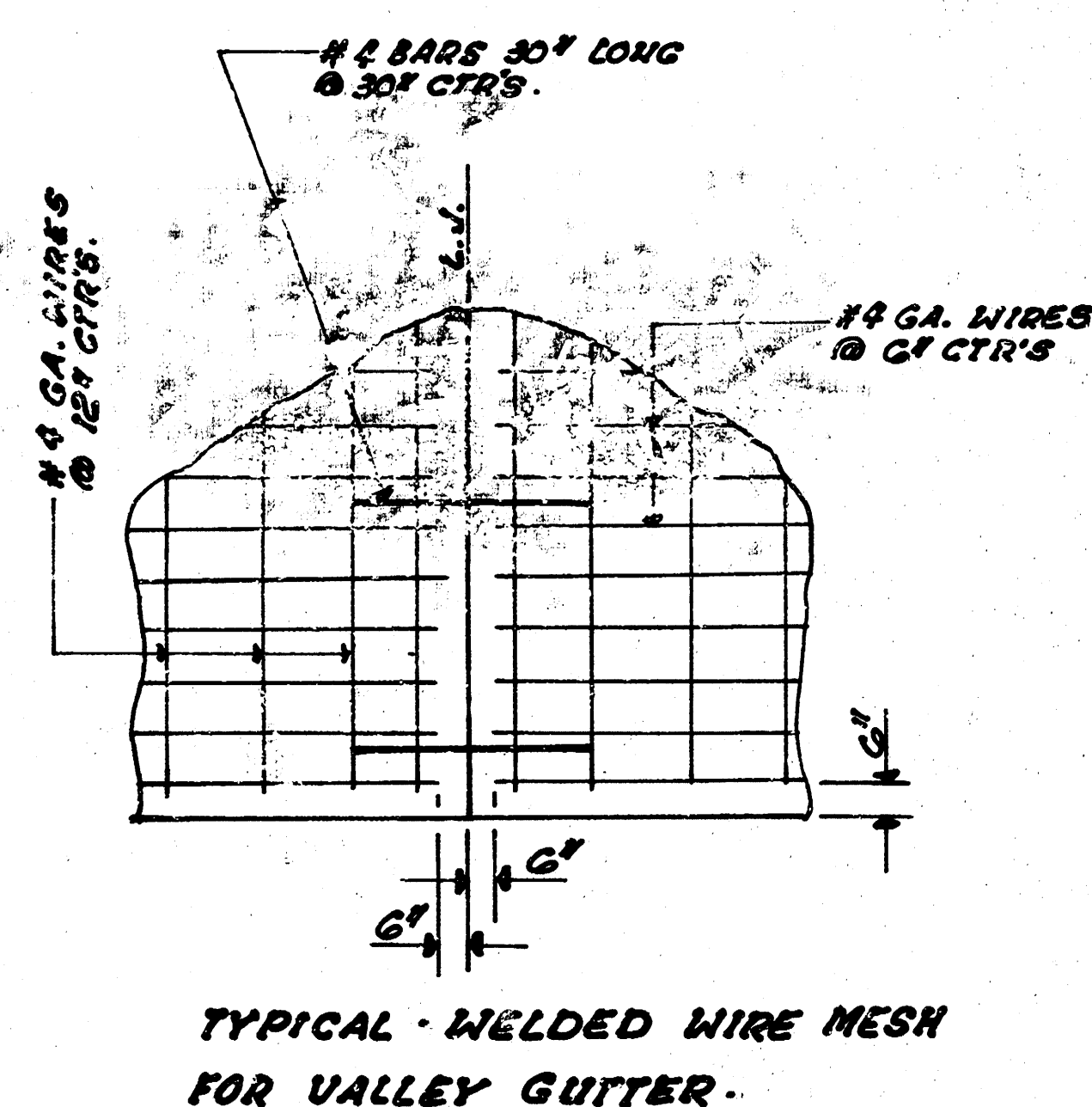
TRANSVERSE CONSTRUCTION JOINTS



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 YARDS 9" ASPHALTIC CONCRETE (7" BITUMINOUS BASE).

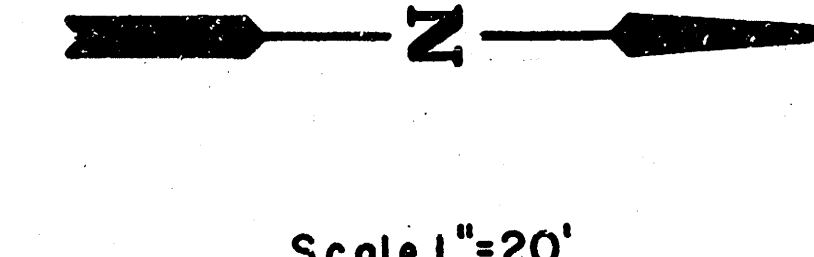
9 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 7 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-76-245-80599-000-000-001

B.M. Cut in South Headwall of Culvert at
5th and Meridian Elevation 141.07 City Datum

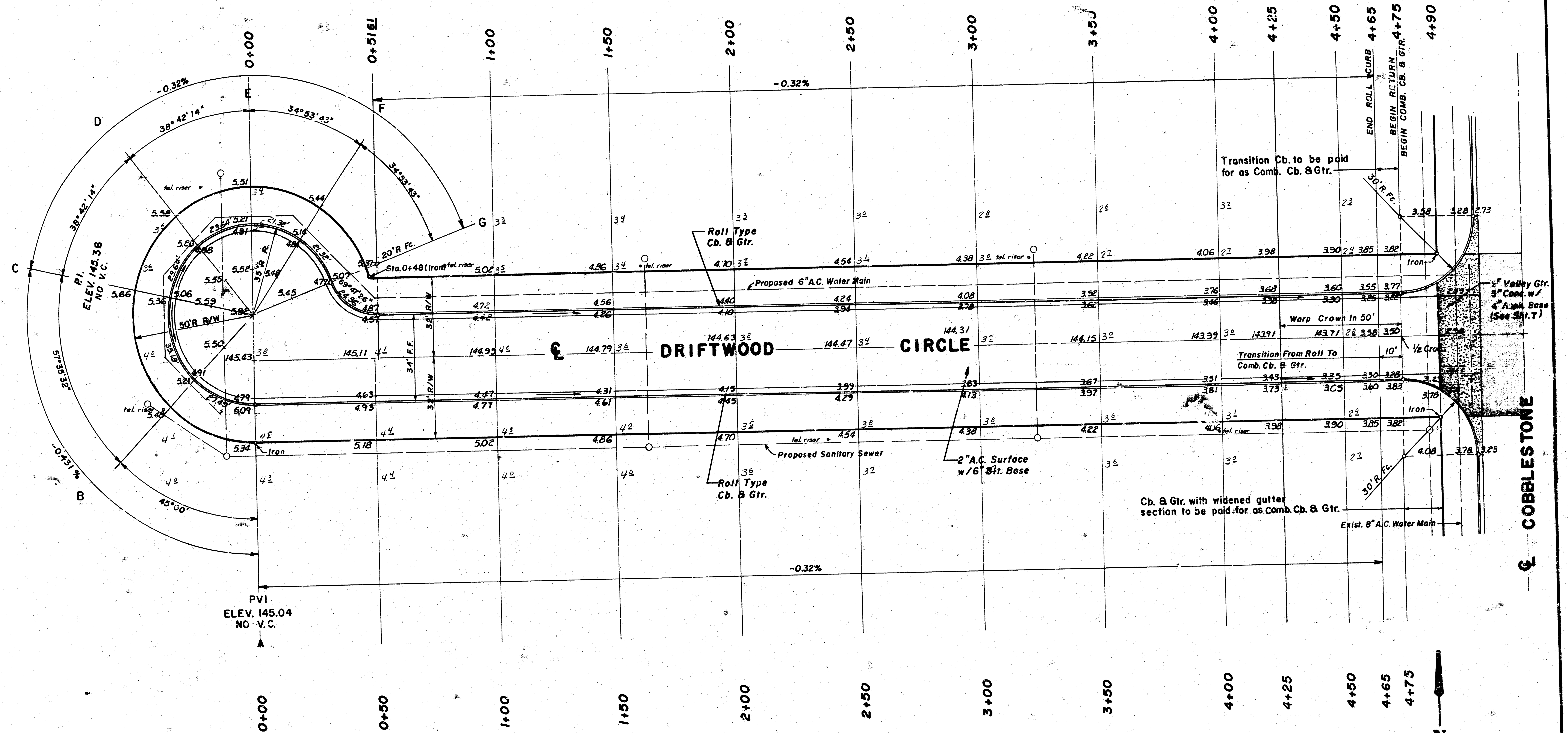


EXCAVATION		EXCAVATION FROM BORROW AREA		COMPACTED FILL	
CITY	PROPERTY	PROPERTY		CITY	PROPERTY
+10X	20.4 C.Y.	+10X	379.1 C.Y.	+10X	21.3 C.Y.
	2.0 C.Y.		37.9 C.Y.		2.1 C.Y.
	22.4 C.Y.		417.0 C.Y.		23.4 C.Y.
		+10X	2540.3 C.Y.		438.5 C.Y.
			254.0 C.Y.		43.8 C.Y.
			2794.3 C.Y.		482.3 C.Y.

TOTAL MANIPULATION 7794.2 Sq. Yds.



PROJECT DESCRIPTION	
COBBLESTONE	
PROJECT NUMBER	
472 76 248 80599 000 000 001	



INTERSECTION QUANTITIES

128.0	S.Y. 9" ASPHALT. CONC. PAVEMENT (6" BITUMINOUS BASE)
20.2	L.F. INTERGRAL CURB
0	C.Y. EXCAVATION
27.3	C.Y. COMPACTED FILL
266.5	S.Y. MANIPULATION
10.0	TONS LIME OR CEMENT
10.0	S.Y. V.G. 3" CONCRETE AND 4" ASPHALTIC CONCRETE BASE

Scale 1"=20'

PROJECT DESCRIPTION

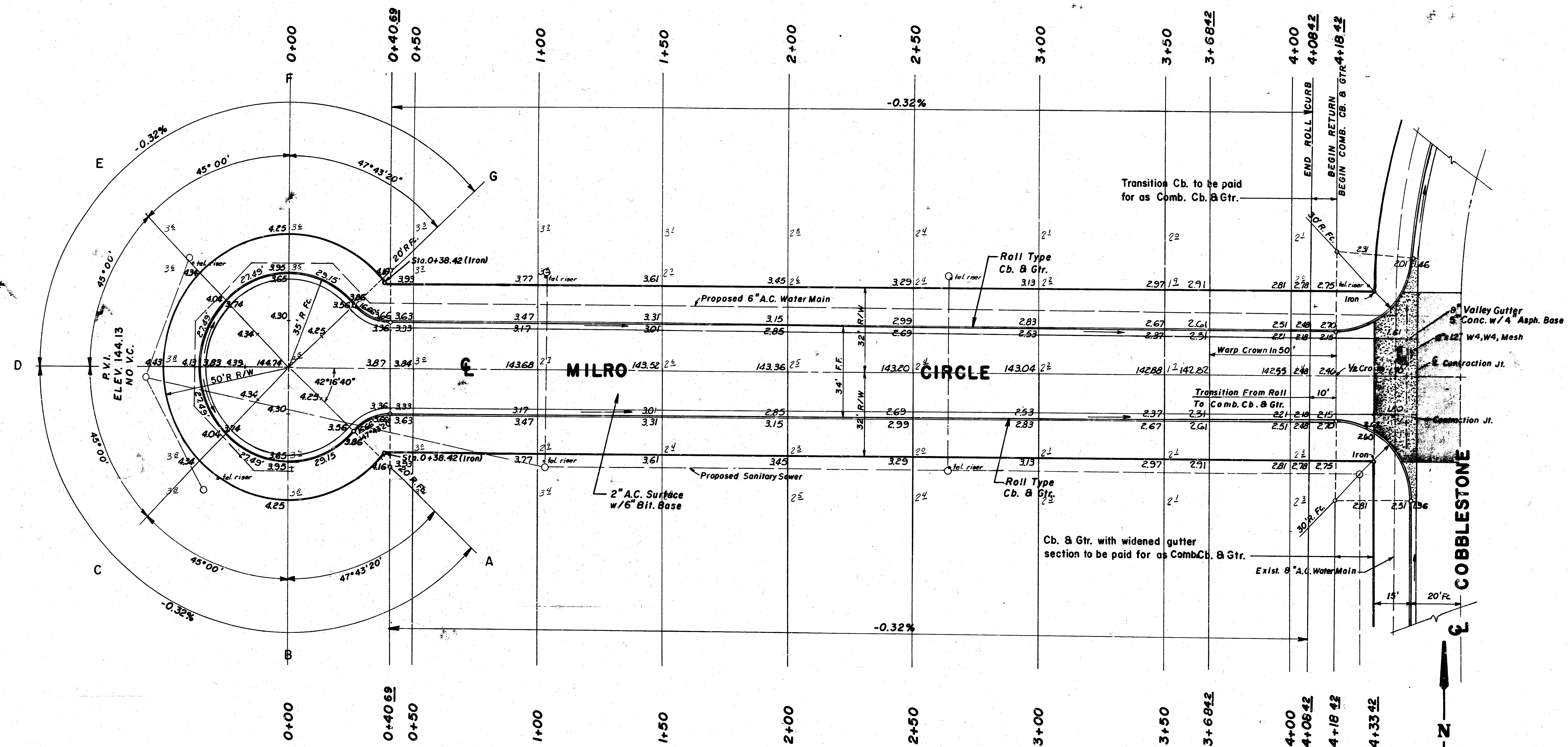
DRIFTWOOD CIRCLE

PROJECT NUMBER

472 76 246 80599 000 000 001

COBBLESTONE

NOTE:
PLACE 30" No.4 BARS, 30" O.C.
ALONG A CONTRACTION JOINT
IN CONCRETE VALLEY GUTTER.



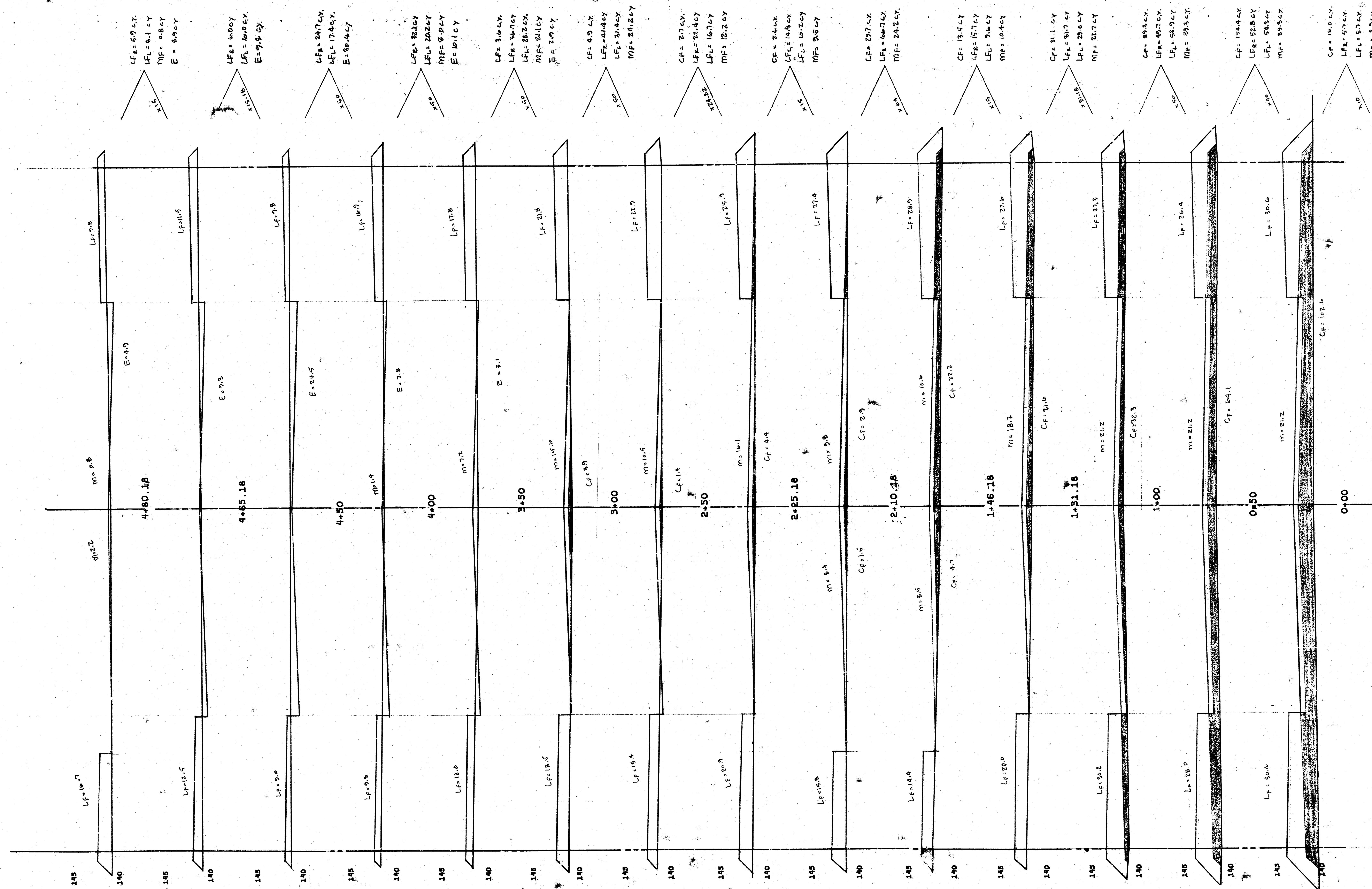
INTERSECTION QUANTITIES	
123.0	S.Y. 3" ASPHALTIC CONC. PAVEMENT (6" BITUMINOUS BASE)
30.2	L.F. INTERGRAL CURB
10.4	C.Y. EXCAVATION
	C.Y. COMPACTED FILL
236.3	S.Y. MANIPULATION
	TONS LIME OR CEMENT
106.0	S.Y. V.G. 3" CONCRETE AND 4" ASPHALTIC CONCRETE BASE

Scale 1"=20'

PROJECT DESCRIPTION

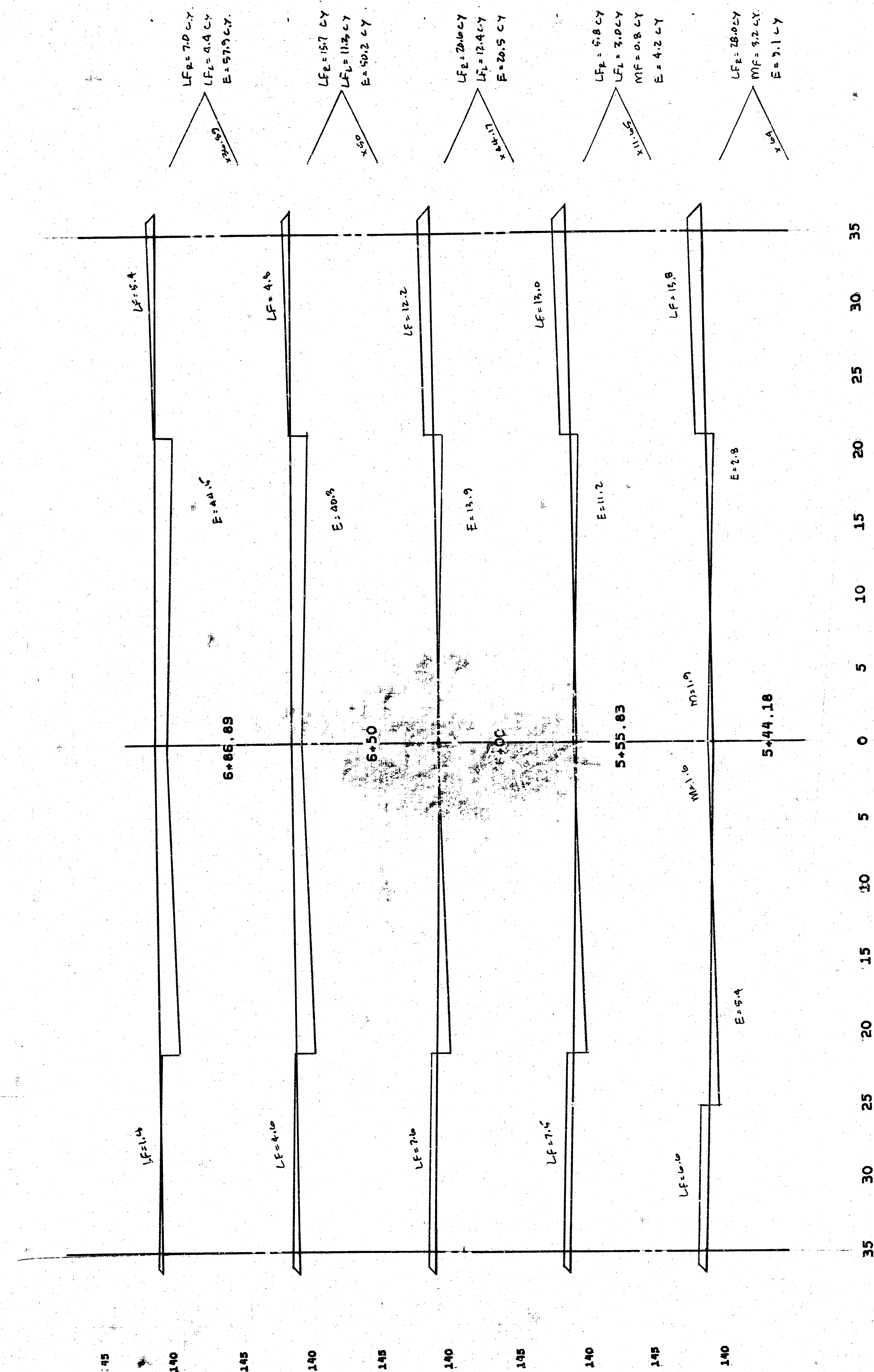
MILRO CIRCLE

PROJECT NUMBER
472 76 245 80599 000 000 001



PROJECT DESCRIPTION
 COBBLESTONE
 PROJECT NUMBER
 472-76-245-00588-000-000-001

SHEET TOTALS
 Comp. Fill 350.6 CY
 Loose Fill 697 CY
 Manpower Fill 215.6 CY
 EXCA. 57.5 CY



LF=7.0 CY
 LF=4.4 CY
 E=97.9 CY

 LF=15.7 CY
 LF=11.3 CY
 E=100.2 CY

 LF=20.0 CY
 LF=12.4 CY
 E=20.5 CY

 LF=5.8 CY
 LF=3.0 CY
 MF=0.8 CY
 E=4.2 CY

 LF=18.0 CY
 MF=3.2 CY
 E=3.1 CY

SHEET TOTALS

LOOSE FILL 108.2 CY
 MAINT. FILL 4.0 CY
 EXCA. 141.9 CY

PROJECT DESCRIPTION

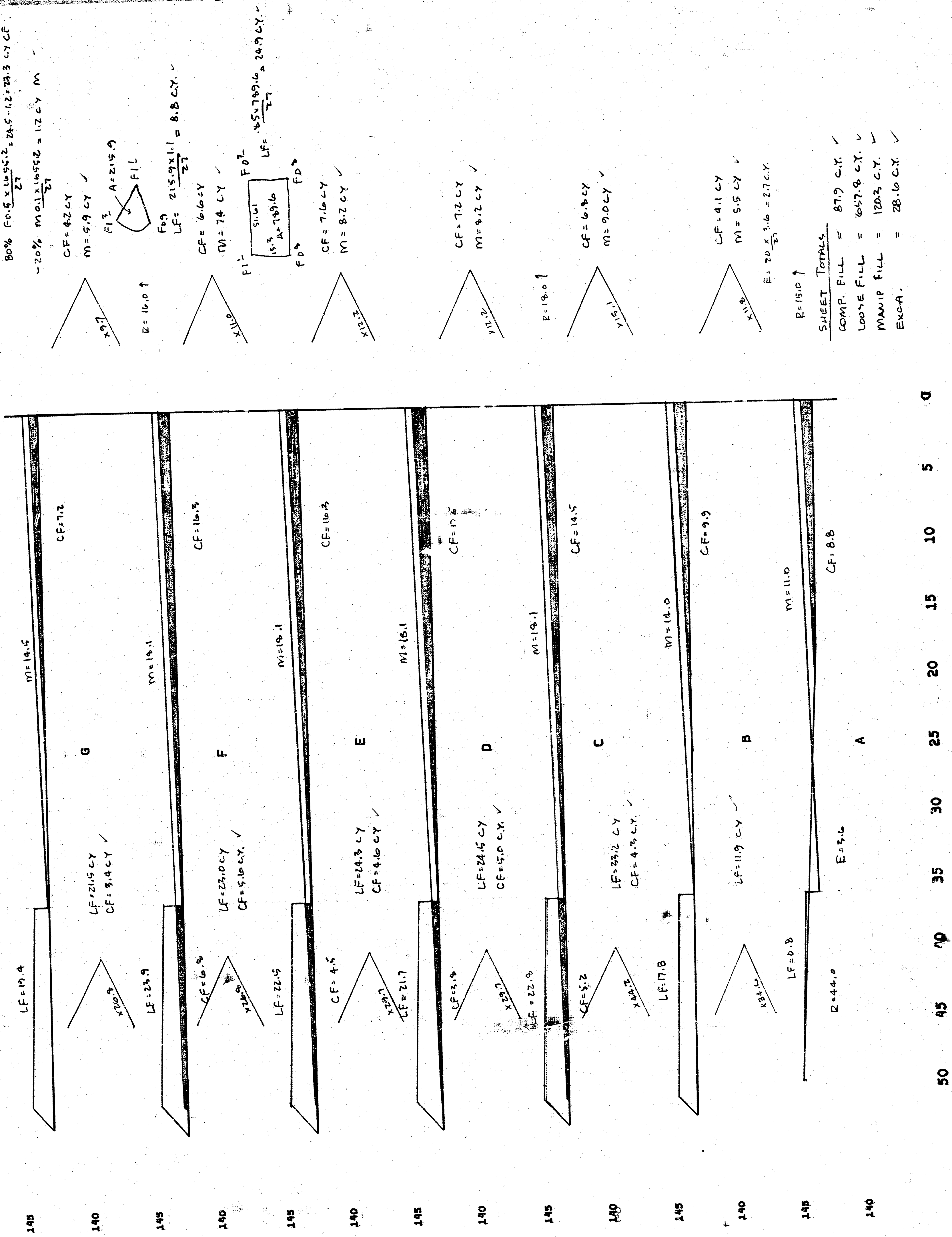
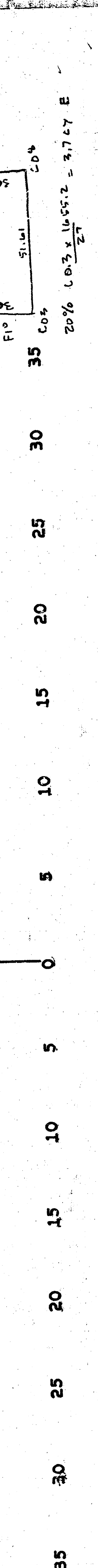
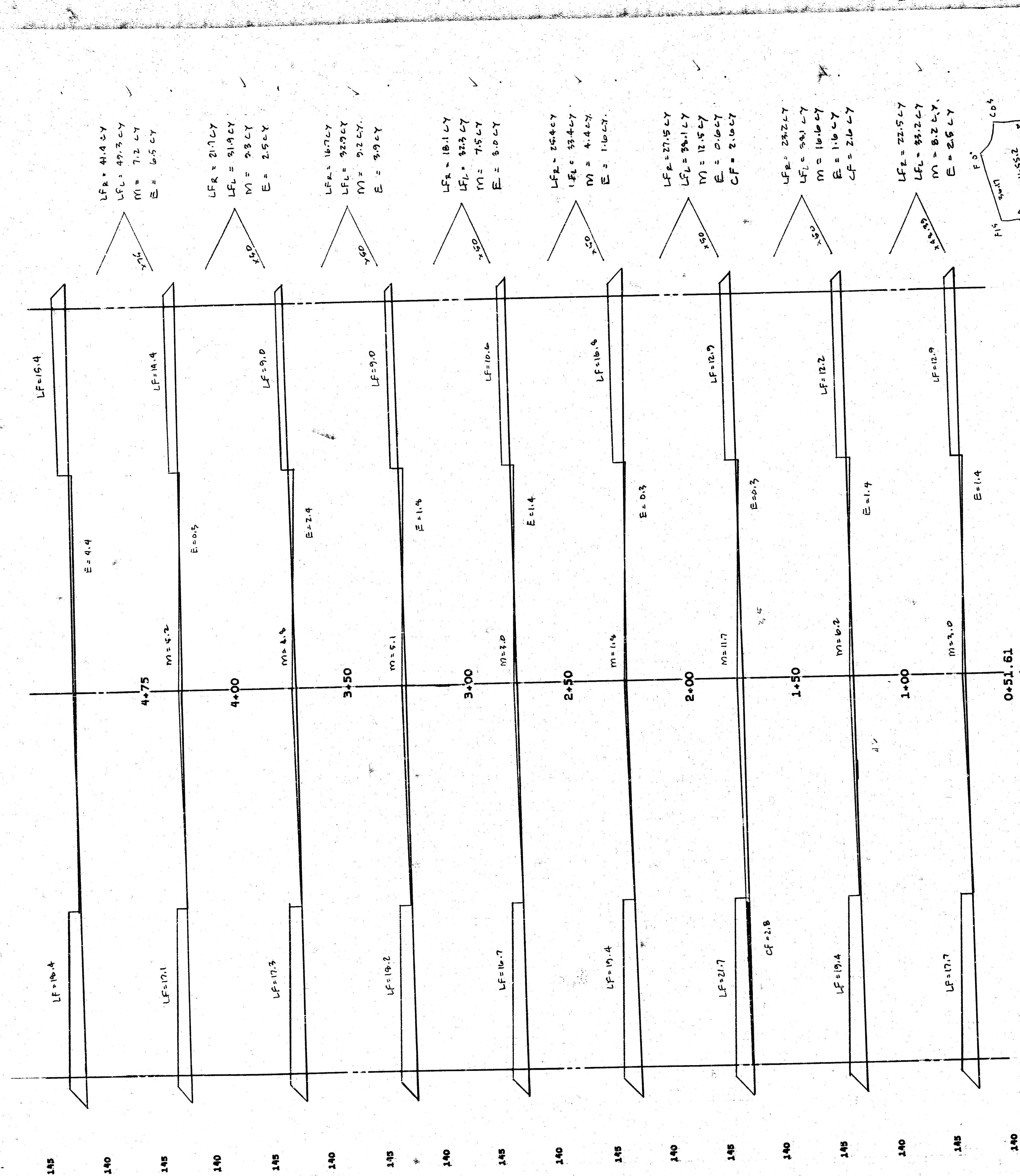
COBBLESTONE

PROJECT NUMBER

472-76-245-80588-000-000-001

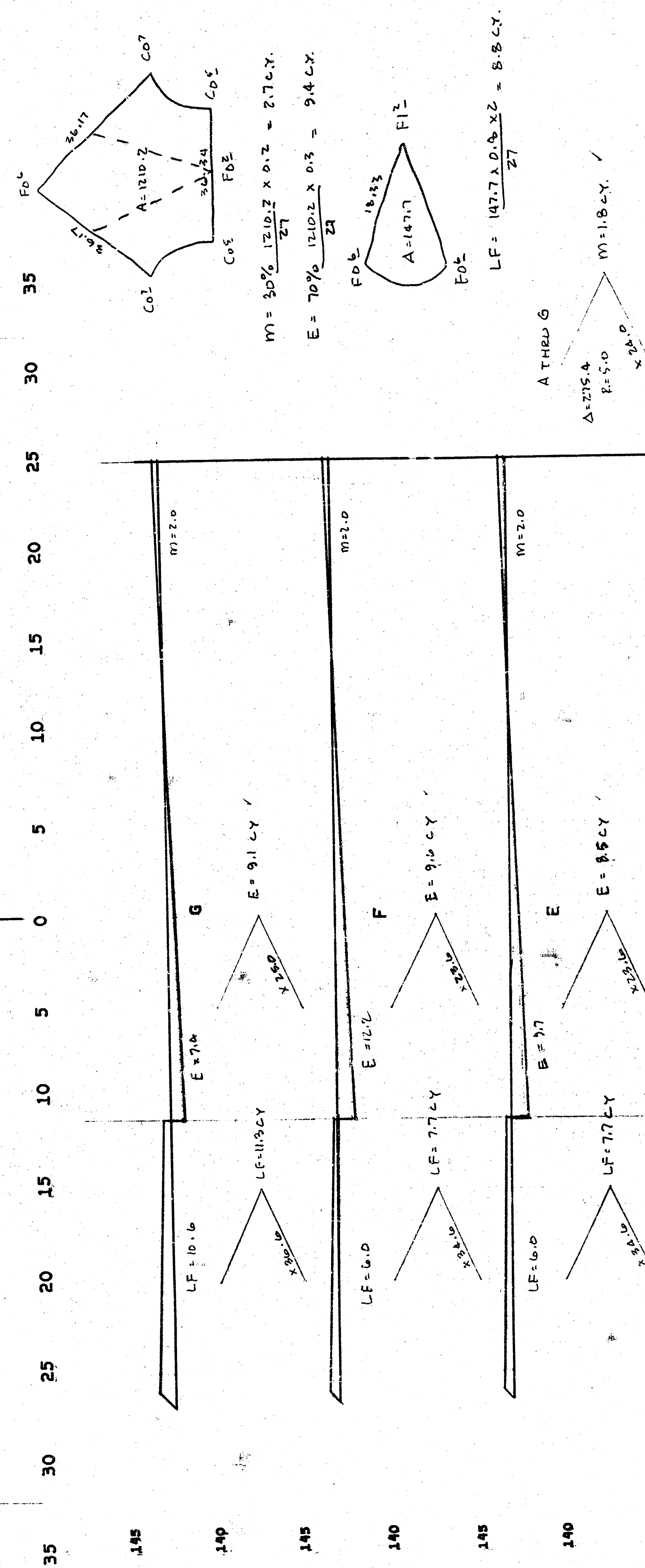
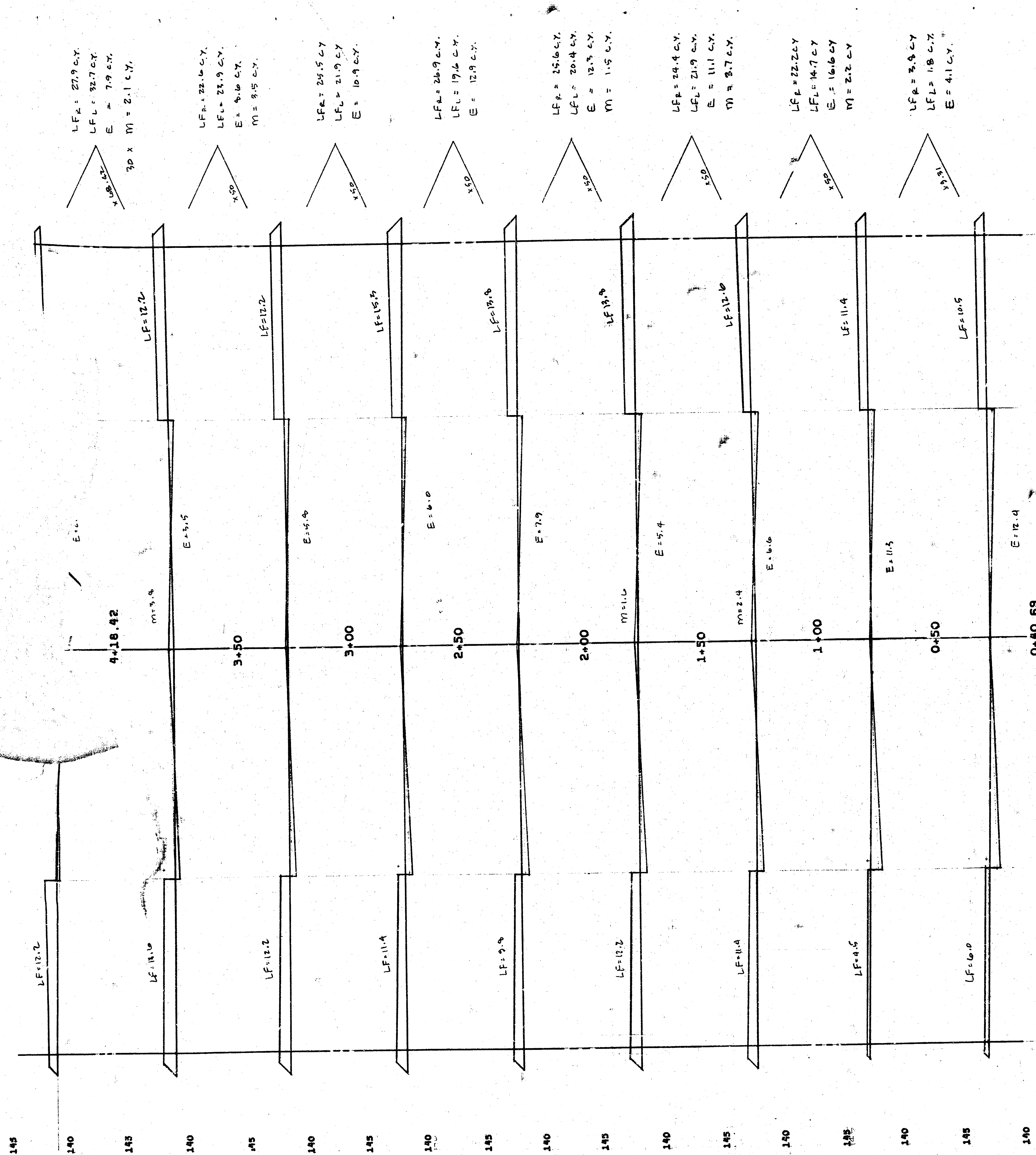
5/11

9/11



PROJECT DESCRIPTION
 DRIFTWOOD CIRCLE
 PROJECT NUMBER
 472-76-245-80589-000-000-001

10/11



SHEET TOTALS

Loose Fill 592.5 CY
 Main Fill 17.5 CY
 Exch. 151.1 CY

PROJECT DESCRIPTION

MILRO. CIRCLE

PROJECT NUMBER

472-76-245-00388-000-000-001