

NO	THETA	LS	XC	YC	L.T.	S.T.	L.C.	P.	K
4	16°2'14"	400'	396.88'	37.11'	267.77'	134.34'	398.61'	9.30'	199.48'
7	10°0'0"	250'	299.24'	14.51'	166.93'	83.58'	299.66'	3.63'	124.87'
8	9°49'18.8"	250'	299.27'	14.26'	166.92'	83.57'	299.67'	3.57'	124.88'
10	14°0'0"	350'	347.92'	28.39'	234.07'	117.33'	349.07'	7.11'	174.66'

BENCHMARK: TBM BI CHISELED 30-S. ENO
CONCRETE DRIVE TO RESIDENT NO. 910, 90±
E. OF E. HINKEY DR.
ELEV. 785.00

SLM 10.56, 15"
SEE SHEET 176

SEE SHEET 86
STA. 51+00

SLM 10.59, 15"
SEE SHEET 62

SLM 10.66, 15"
SEE SHEET 62

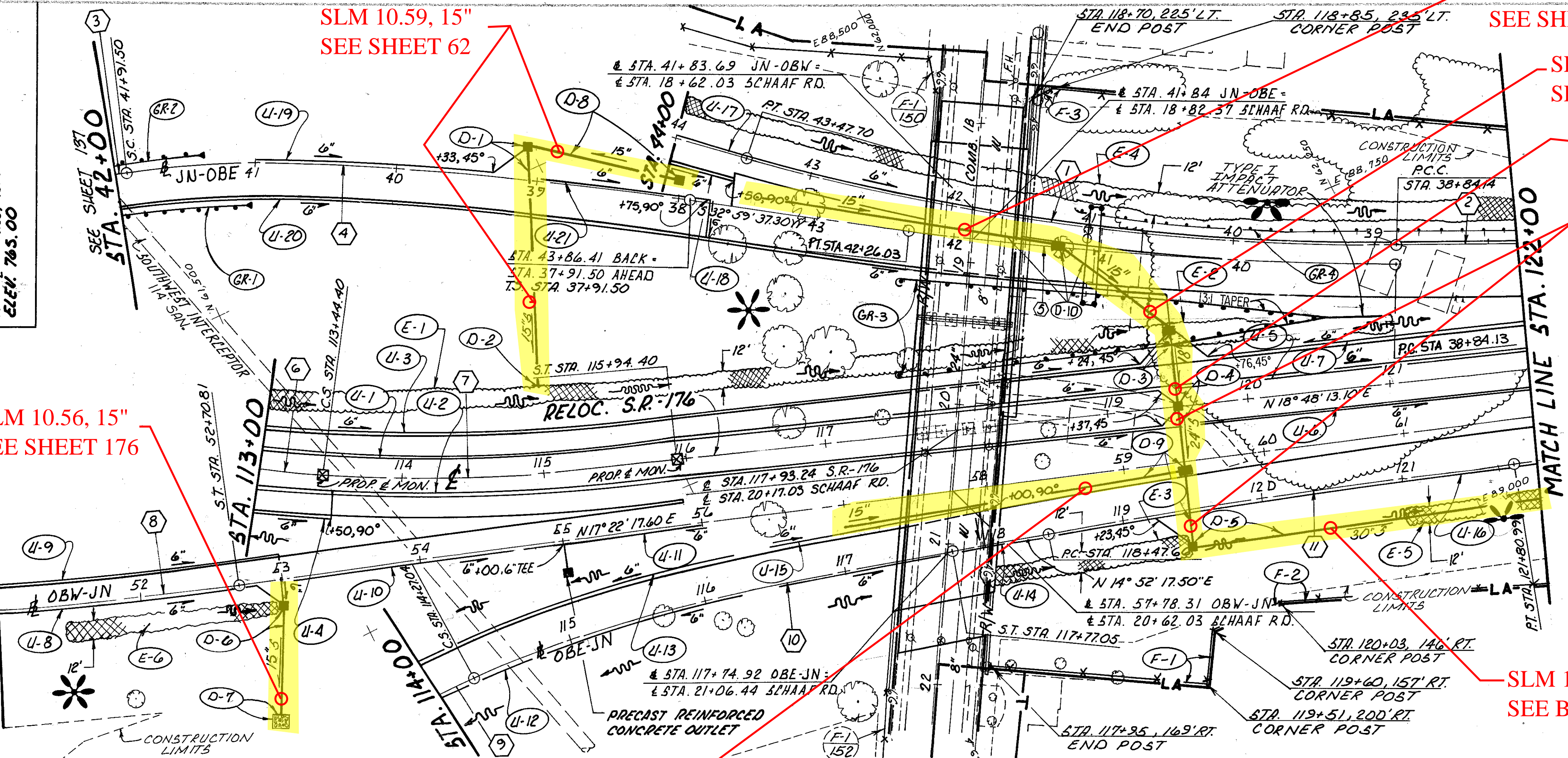
SLM 10.68, 15"
SEE SHEET 62

SLM 10.68, 18"
SEE SHEET 73

SLM 10.68, 24"
SEE SHEET 73

SLM 10.73, 30"
SEE BELOW

CALC. DATE	CUYAHOGA COUNTY	OHIO	57
CHKD. DATE	CUY - 176 - 10.14	P.H.W.A. REGION	395

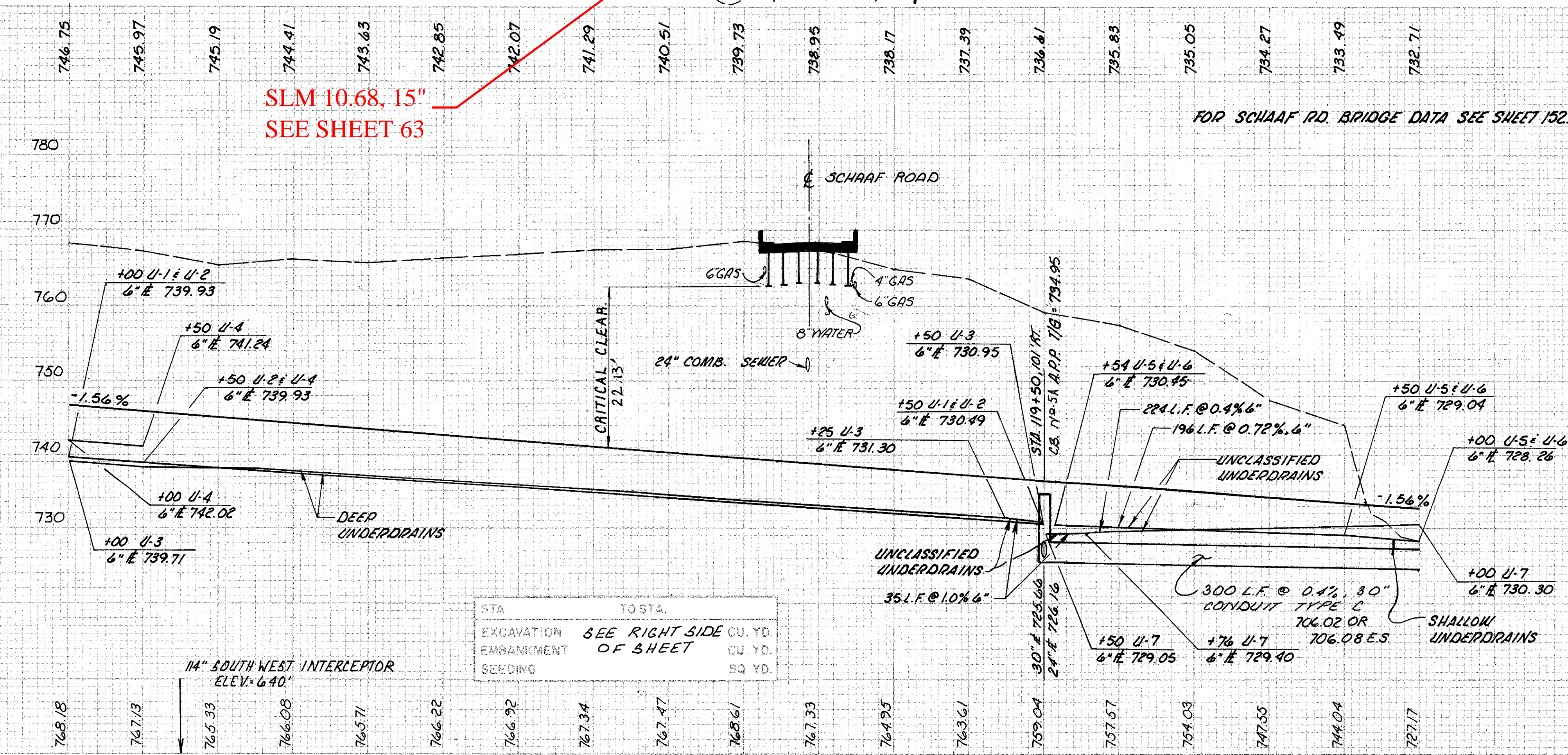


DRAINAGE STRUCTURE DATA

- (D-1) STA. 45+00, 34' LT. JN-OBW
C.B. N° 5 A.P.P. T/G = 756.25
- (D-2) STA. 115+00, 62' LT. RELOC. S.R.-176
H.W. = 4.8
- (D-3) STA. 119+50, 54' LT. RELOC. S.R.-176
C.B. N° 4 A.P.P. T/G = 731.25
- (D-4) STA. 119+50 & RELOC. S.R.-176
INLET N° 38.50 T/G = 735.88
- (D-5) STA. 119+50 101' RT. RELOC. S.R.-176
C.B. N° 5A A.P.P. T/G = 734.95
- (D-6) STA. 53+00, 20' RT. OBYV-JN
C.B. N° 5 A.P.P. T/G = 747.30
- (D-7) STA. 113+00, 45' LT. OBE-JN
HYV. 4A
- (D-8) STA. 38+00 AH, 16' RT. JN-OBE
C.B. N° 5 A.P.P. 752.60
- (D-9) STA. 119+50, 46' RT. RELOC. S.R.-176
C.B. N° 6, T/G = 737.10
- (D-10) STA. 41+25 BK, 2' RT. JN-OBE
C.B. N° 6, T/G = 740.80

REFERENCES	SHEET NUMBERS
QUANTITIES FOR REFERENCED ITEMS	58
PIPE PROFILES	
PROFILES U-8 THRU U-11	62, 63, 73, 142, 176
PROFILES U-12 THRU U-16	62
PROFILES U-17 & U-18	63
PROFILES U-19 THRU U-21	61
PAVEMENT PROFILES	
JN-OBW	61
JN-OBE	62
OBW-JN	62
OBE-JN	63
SCHAAF RD. P&P SHEETS	150, 152
BRIDGE PLANS	358-379
PAVEMENT DETAILS	171, 172, 175

NO	M	E	CH	L	T	R	Dc	Δ
1	1637.02'	163.35'	462.02'	463.57'	233.35'	1637.02'	3°30'0"	1619.235'
2	8594.37'	443.03'	884.88'	853.27'	443.03'	8594.37'	0°40'0"	5°54.64'
3	714.53'	593.67'	915.07'	993.10'	593.67'	714.53'	8°1'7"	793.800'
5	236.349'	171.25'	341.60'	341.90'	171.25'	236.349'	2°25'27"	8°17'17.8"
6	716.20'	315.50'	594.36'	594.36'	315.50'	716.20'	8°0'0"	47°32'35"
9	716.20'	297.61'	549.66'	564.13'	297.61'	716.20'	8°0'0"	45°7'48.8"
11	7639.44'	166.69'	333.31'	333.33'	166.69'	7639.44'	0°45'0"	2°30'00"



STA.	TOSTA.
EXCAVATION	SEE RIGHT SIDE CU. YD.
EMBANKMENT	OF SHEET CU. YD.
SEEDING	50 YD.

FOR SCHAAF RD. BRIDGE DATA SEE SHEET 152.

S.R.-176 STA. 113+00 TO STA. 122+00		
EXCAVATION	170,271	CU. YD.
EMBANKMENT	13,477	CU. YD.
SEEDING	9,659	SQ. YD.
JN-OBE STA. 42+00 AND TO STA. 40+00 BK.		
EXCAVATION	67,158	CU. YD.
EMBANKMENT	3,384	CU. YD.
SEEDING	8,788	SQ. YD.
OBW-JN STA. 51+00 TO STA. 52+75.48		
EXCAVATION	12,715	CU. YD.
EMBANKMENT	724	CU. YD.
SEEDING	1,556	SQ. YD.
OBE-JN STA. 114+00 TO STA. 117+00		
EXCAVATION	35,471	CU. YD.
EMBANKMENT	1,039	CU. YD.
SEEDING	2,854	SQ. YD.

RELOC. S.R.-176