CALC. BY TTL DATE 10-87	MUSKINGUM COUNTY MUS-CR 719	OHIO
CHKD. BY PCB DATE 11-87		FHWA REGION 5

21
55

SEEDING		END AREA		VOLUME	
END WIDTH	SQ YDS	CUT	FILL	CUT	FILL
78	431	7	251	11	420
76	433	5	203	12	309
80	503	8	131	73	208
101	547	85	118	197	120
	-133			-11	-10
99	500	121	21	137	129
81		86	115		

100 50 ℄ SURVEY & CONSTR. 50 100

740.97
522+00
737.3

739.81
525+50
737.0

STA. 525+10, 52' LT.
NO. 8 CATCH BASIN
R. GRATE 734.00
R. 15" 731.79

730.11
525+00
737.0

524+83, 52' LT
R. 30" 731.02
HW-4 HEADWALL

STA. 524+15.76' LT
NO. 8 CATCH BASIN
R. GRATE 737.00
R. 15" 731.70
R. 21" 731.56
R. 30" 731.23
R. 6" 733.61

731.61
524+50
734.4

STA. 524+32.26 RT
No. 3 CATCH BASIN
R. GRATE 737.47
R. 21" 732.27
R. 6" 735.76

524+20, 50' R
R. 27" 732.48
HW-4 HEADWALL

730.57
524+00
735.78

DEDUCT FOR RAILROAD
A= 12'x(525+50) - (522+00) = 133.3 SY

DEDUCT FOR RAILROAD
FILL: (22'x201)-27=163 CY
CUT: (60'x20')-27=111 CY

523+50