QUANTITIES		
CALCULATED	DT	1/89
CHECKED	JS	1/89

FEDERAL PROJECT NO.	STATE	PROJECT	
S	OHIO		

10
38

LAKE COUNTY
LAK-90-23.42 (L&R)

140 120 100 80 60 40 20 ℄ 20 40 60 80

670 660 650

833+50
655.0

Sta. 833+32, 25'± Lt.
End Open Channel (To River)
℄ = 655.0±

Work limits
Se
Open Channel
Work limits
Se
2:1
2:1
Type "A" Rock Channel
Protection w/filter (48" thick)

833+00
661.5

Sta. 832+82.5, 4' Rt.
No. 4A, Headwall
Outfall El. = 663.00

690 680 670 660 650

Work limits
Se
20"
Match Line

832+50
666.5

Match Line
Work limits
Se

690 680 650

Se - Indicates seeding limits

	END AREA CUT	END AREA FILL	VOLUME CUT	VOLUME FILL
SUSPEND CHANNEL STA. 833+38				
Ahead	0	0		
Back	13	0		
			19	0
	13	0		
			9	0
Ahead	13	0		
Back	0	0		
BEGIN CHANNEL STA. 832+82				
END EARTHWORK STA. 832+91	0	0		
			0	2841
Sta. 832+00	0	3741		

140 120 100 80 60 40 20 ℄ 20 40 60 80 100 120

STA. 832+50 TO STA. 833+50