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Michigan Department
of Transportation
0393 (02/20)

DRILLED SHAFT CONCRETE VOLUME PLOT

DISTRIBUTION: Original – Construction Engineer; Copies: Bureau of Bridges and Structures, Geotechnical Construction Engineer

PROJECT DESCRIPTION		STRUCTURE NO. CONTROL SECTION		JOB NUMBER
STATION/SUBSTRUCTURE UNIT	SHAFT NO.		SHAFT DIAMETER	DATE
DRILLED SHAFT CONTRACTOR	CONSTRUCTION ENGINEER		INSPECTOR	

CONCRETE VOLUME PLOT

Prior to pouring concrete, a plot should be made showing the theoretical concrete surface (by depth or elev.) vs. concrete volume placed. During concrete placement the actual concrete surface vs. the actual concrete volume placed is the plotted.



CONCRETE VOLUME PLACED (cubic yards)

VOLUME CALCULATIONS				
Volume Delivered	TVD	_____	cyds	Notes/Comments: _____
Volume in Lines	VL	_____	cyds	_____
Wastage V	VW	_____	cyds	_____
Volume Place (= TVD-VL-VW)	VP	_____	cyds	_____
Theoretical Volume ($\pi(D^2/4)(\text{Shaft Length, ft})$)	VT	_____	cyds	_____
Overpour (VP-VT)	OP	_____	cyds	_____