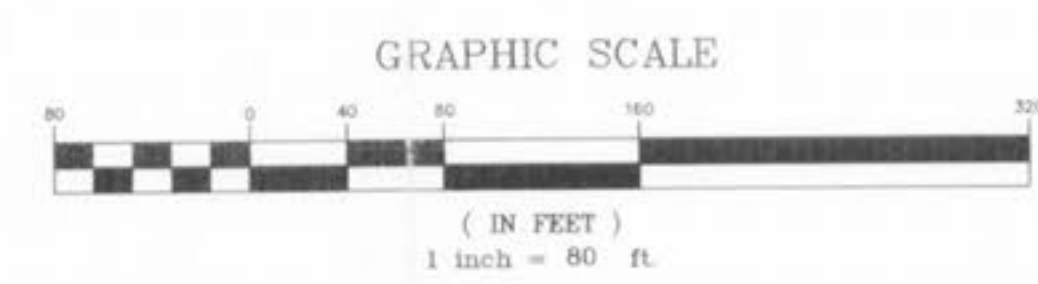
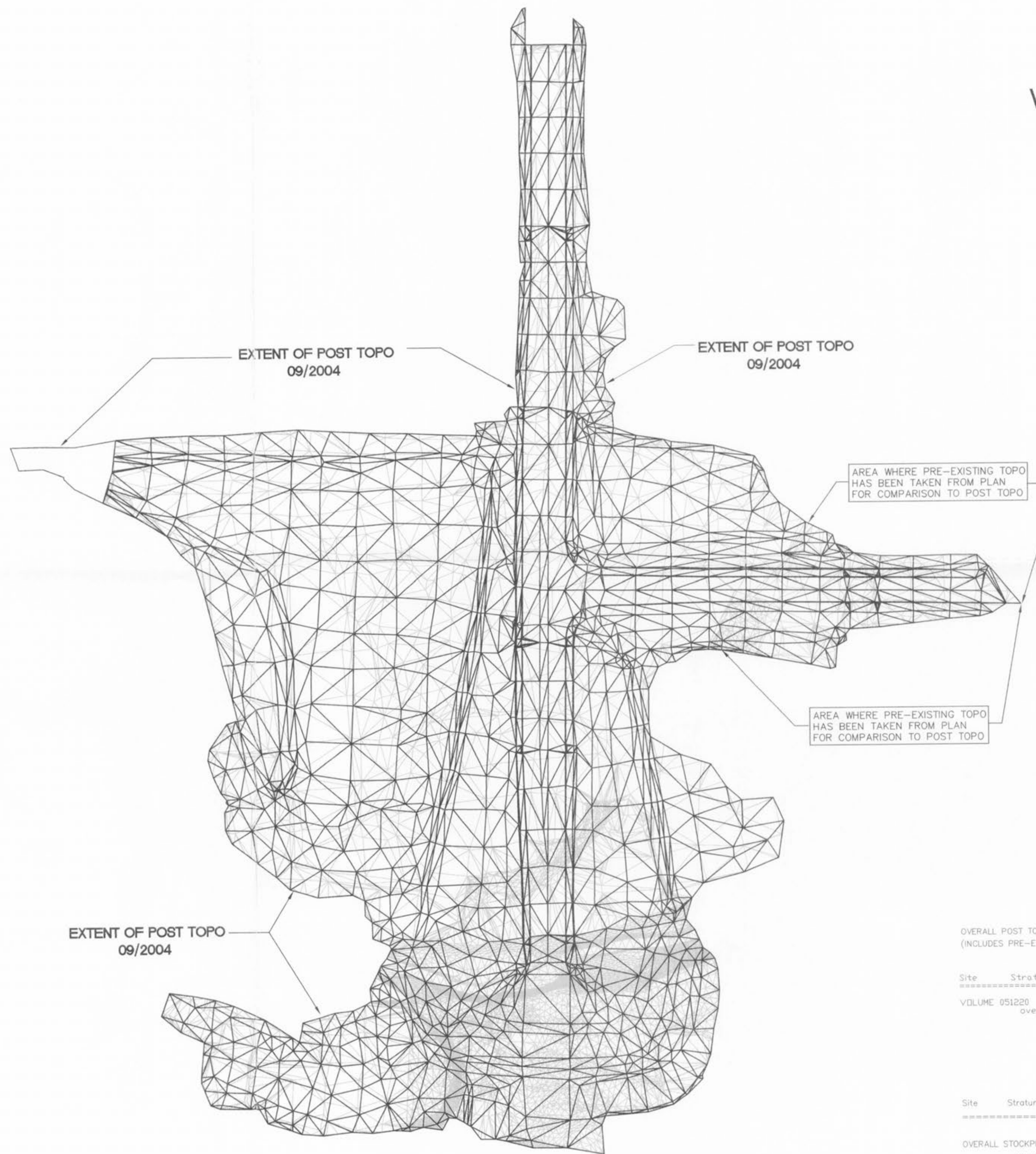


# CITY OF O'FALLON T.R. HUGHES BOULEVARD VOLUME REPORT (REVISED) NORTH OF WABASH



ONE REPORT FOR OVERALL SITE VOLUME WAS CREATED USING MAY, 2003 FIELD WORK AND PRE-EXISTING TOPO INFORMATION TAKEN FROM COOL SPRING CONNECTOR ROAD PLAN AS THE EXISTING TOPOGRAPHIC SURVEY BASE. POST TOPOGRAPHIC SURVEY WORK EXECUTED SEPTEMBER, 2004, USED FOR VOLUME COMPARISON. STRATUM CREATED USING THESE TWO SURFACES, ALONG WITH 15% SHRINKAGE FACTOR YIELDING OVERALL SITE VOLUMES.

A SECOND REPORT HAS BEEN GENERATED USING MAY, 2003 FIELD TOPOGRAPHIC SURVEY OF STOCK PILE AREA AS A BASE, AND SEPTEMBER, 2004 POST TOPOGRAPHIC SURVEY AS A VOLUME COMPARISON. A SITE WAS LIMITED TO THE STOCKPILE AREA ONLY. A STRATUM WAS CREATED USING THESE TWO SURFACES, ALONG WITH 15% SHRINKAGE FACTOR YIELDING A STOCKPILE USED (CUT) VOLUME. NOTE SHRINKAGE FACTOR DID NOT PLAY A SIGNIFICANT PART IN THE STOCKPILE (CUT) VOLUME CALCULATION DUE TO THERE BEING NO FILL.

OVERALL POST TOPO WITH SHRINKAGE  
(INCLUDES PRE-EXISTING AREAS OF COOL SPRINGS CONNECTOR PER PLAN)

Site	Stratum		Site Volume Table: Adjusted		Net	Method
	Surf1	Surf2	Cut	Fill		
	cu.yds	cu.yds	cu.yds	cu.yds	cu.yds	
VOLUME 051220						
overall volume	050120	exist-topo-volume	050120	post topo	050120	
			217683	159109	58574 (C)	Grid
			217863	159289	58574 (C)	Composite
			218276	160237	58040 (C)	End area

OVERALL STOCKPILE WITH SHRINKAGE

Site	Stratum		Site Volume Table: Adjusted		Net	Method
	Surf1	Surf2	Cut	Fill		
	cu.yds	cu.yds	cu.yds	cu.yds	cu.yds	
stockpile	exist-topo-stockpile	post topo	040920			
			168120	0	168120 (C)	Grid
			168351	1	168351 (C)	Composite

PREPARED FOR:  
CITY OF O'FALLON  
100 NORTH MAIN STREET  
O'FALLON, MISSOURI 63366

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I hereby certify that the documents intended to be disseminated by my seal are correct to the best of my knowledge and belief, and I accept no responsibility for any errors, omissions, or inaccuracies in the drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

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REVISIONS

NO.	DATE	DESCRIPTION

**ENGINEERING  
PLANNING  
SURVEYING**

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1-21-2005  
DATE  
03-12-2005  
PROJECT NUMBER  
1 of 1  
SHEET OF  
12232-VOLUMES.DWG  
FILE NAME  
MEC  
DRAWN CHECKED  
SURVEY BY DATE

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