ms consultants, inc.
engineers, architects, planners

Job No:	08350	Sheet:	1 OF 1
Design:	DFK	Date:	07/29/19
Check:	JGG	Date:	08/05/19
Office:	Pittsburgh		
Project:	MP 222.8 OTIC Over Kirk Road		
Element:	503 - UNCLASSIFIED EXCAVATION		

503 - UNCLASSIFIED EXCAVATION

WB & EB:

REAR ABUTMENT:

LENGTH OF ABUT	30.11	FT
AREA OF EXCV. LIMITS	114.6	SQ FT
VOLUME	256	CU. YD

FORWARD ABUTMENT:

LENGTH OF ABUT	30.11	FT
AREA OF EXCV. LIMITS	120.25	SQ FT
VOLUME	269	CU. YD

PIER 1:

LENGTH OF PIER	9	FT
AREA OF EXCV. LIMITS	61.55	SQ. FT
NUMBER OF FOOTING	3	EACH
VOLUME	61.55	CU. YD

PIER 2:

LENGTH OF PIER	9	FT
AREA OF EXCV. LIMITS	53.28	SQ. FT
NUMBER OF FOOTING	3	EACH
VOLUME	53.28	CU. YD

TOTAL VOLUME	640	CU. YD