

EARTHWORK SCHEDULE

STATION	AREA BY STATION			VOLUMES, IN CUBIC YARDS			UNDERCUT AND PGE (CU YD)	UNSUITABLE STRUCTURE EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	UTILITY EXCAVATION (CU YD)	SUITABLE STRUCTURE EXCAVATION (CU YD)	TOTAL SUITABLE EXCAVATION (CU YD)	EARTH EXCAVATION TO BE USED IN EMBANKMENT (CU YD)	EMBANKMENT (CU YD)	BALANCE WASTE (+) SHORTAGE (-) (CU YD)	
	TOPSOIL REMOVAL (SQ FT)	CUT (SQ FT)	FILL (SQ FT)	TOPSOIL REMOVAL (CU YD)	CUT (CU YD)	FILL (CU YD)											
304+30	10.2	23.6	2.3														
				7.6	17.5	1.7	23.8	-	31.4	17.5	-	-	17.5	14.9	1.7	13.2	
304+50	10.2	23.6	2.3														
				31.0	47.4	15.6	59.5	-	90.5	47.4	-	-	47.4	40.4	15.6	24.8	
305+00	23.2	27.6	14.5														
				50.0	54.5	75.4	59.5	-	109.5	54.5	-	-	54.5	46.3	75.4	-29.1	
305+50	30.8	31.2	66.9														
				61.2	63.6	168.8	59.5	-	120.7	63.6	-	-	63.6	54.1	168.8	-114.7	
306+00	35.3	37.4	115.4														
				57.5	61.0	188.0	52.3	-	109.8	61.0	14.0	90.0	165.0	140.3	188.0	-47.7	
306+44	35.3	37.4	115.4														
BRIDGE PAVEMENT - STA 306+44 TO STA 307+41																	
307+41	30.1	32.6	129.1														
				10.0	10.9	43.0	10.7	45.0	65.7	10.9	-	90.0	100.9	85.8	43.0	42.8	
307+50	30.1	32.6	129.1														
				61.6	58.9	252.6	59.5	-	121.1	58.9	-	-	58.9	50.2	252.6	-202.4	
308+00	36.4	31.1	143.8														
				59.1	50.4	170.1	59.5	-	118.6	50.4	10.0	-	60.4	51.4	170.1	-118.7	
308+50	27.4	23.4	39.9														
				41.6	49.4	40.6	59.5	-	101.1	49.4	-	-	49.4	42.0	40.6	1.4	
309+00	17.5	30.0	3.9														
				20.5	48.8	4.5	59.5	-	80.0	48.8	-	-	48.8	41.5	4.5	37.0	
309+50	4.7	22.8	0.9														
				0.9	4.2	0.2	5.7	-	6.6	4.2	-	-	4.2	3.6	0.2	3.4	
309+55	4.7	22.8	0.9														
				TOTALS	401	467	961	509	45.0	955	467	24	180.0	671	571	961	-391

- NOTES:**
- 15% SHRINKAGE FACTOR USED
 - ASSUMED 6" TOPSOIL REMOVAL
 - ASSUMED 12-INCH DEPTH FOR UNDERCUT AREAS
 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = TOPSOIL REMOVAL + UNDERCUT

SUMMARY		
20200100	20201200	20400800
EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	FURNISHED EXCAVATION (CU YD)
467	955	391

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-00121 - EXPIRES 4/30/2011
 525 E. MONROE ST. CHICAGO, IL 60601
 PROJECT: LAWRENCE CREEK BRIDGE OVER GRAF ROAD
 DRAWING: EARTHWORK SCHEDULE
 DATE: 10/08/10



DESIGNED - CAC	REVISED - 12/31/10 PER MCDOT
DRAWN - BCD	REVISED - 02/01/11 PER MCDOT
CHECKED - MDW	REVISED - 02/01/11 PER IDOT
DATE - 10/08/10	FILE -

MCHENRY COUNTY DIVISION OF TRANSPORTATION
GRAF ROAD BRIDGE OVER
LAWRENCE CREEK

SCALE: NONE

EARTHWORK SCHEDULE

STA. TO STA.

TR RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0037	06-00322-00-BR	MCHENRY	54	9
C-91-358-06		CONTRACT NO. 63569		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT BROS-0001(683)				