

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 EXCAVATION (SQ FT)	EARTH EXCAVATION (SQ FT)	EMBANKMENT (SQ FT)	TOPSOIL EXCAVATION (CU YD)	EARTH EXCAVATION (SQ FT)	EMBANKMENT (SQ FT)										
400+60	19.7	56.5	5.0													
				29.2	83.7	7.4	18.6	-	47.8	83.7	-	-	83.7	71.2	7.4	64
401+00	19.7	56.5	5.0													
				39.0	111.5	15.3	23.4	-	62.4	111.5	-	-	111.5	94.8	15.3	80
401+50	22.4	64.0	11.5													
				46.8	122.4	38.5	23.4	-	70.2	122.4	-	-	122.4	104.1	38.5	66
402+00	28.1	68.3	30.0													
				53.6	115.0	72.5	23.4	-	77.0	115.0	-	-	115.0	97.8	72.5	25
402+50	29.8	55.9	48.3													
				81.8	96.0	197.9	23.4	-	105.2	96.0	-	-	96.0	81.6	197.9	-116
403+00	33.4	47.7	79.4													
				92.0	66.0	257.8	23.4	-	115.4	66.0	-	-	66.0	56.1	257.8	-202
403+50	32.6	23.5	103.8													
				78.7	32.9	261.5	23.4	-	102.1	32.9	-	-	32.9	28.0	261.5	-234
404+00	32.4	12.0	133.1													
				72.8	18.7	280.7	23.4	-	96.2	18.7	-	-	18.7	15.9	280.7	-265
404+50	26.8	8.2	105.4													
				12.7	3.0	45.1	4.6	-	17.3	3.0	-	120	123.0	104.6	45.1	59
404+60	26.8	8.2	105.4													
BRIDGE PAVEMENT - STA 404+68 TO STA 405+68																
405+48	58.5	198.8	165.4													
				3.2	14.7	7.0	0.9	-	4.1	14.7	-	120	134.7	114.6	7.0	108
405+50	58.5	198.8	165.4													
				77.0	345.1	162.5	23.4	-	100.4	345.1	18.0	-	363.1	308.7	162.5	146
406+00	66.0	173.9	199.0													
				83.9	275.7	193.6	23.4	-	107.3	275.7	-	-	275.7	234.4	193.6	41
406+50	52.5	123.8	178.7													
				48.6	187.8	165.5	23.4	-	72.0	187.8	-	-	187.8	159.7	165.5	-6
407+00	46.3	79.0	170.1													
				42.9	139.5	157.5	23.4	-	66.3	139.5	-	-	139.5	118.6	157.5	-39
407+50	41.7	71.6	138.2													
				38.6	123.0	127.9	23.4	-	62.0	123.0	-	-	123.0	104.6	127.9	-23
408+00	35.5	61.3	87.9													
				32.9	118.3	81.4	23.4	-	56.3	118.3	-	-	118.3	100.6	81.4	19
408+50	32.3	66.5	48.4													
				29.9	126.0	44.8	23.4	-	53.3	126.0	-	-	126.0	107.1	44.8	62
409+00	30.9	69.6	39.8													
				28.6	130.9	36.8	23.4	-	52.0	130.9	-	-	130.9	111.3	36.8	74
409+50	27.7	71.8	23.8													
				25.6	132.8	22.1	23.4	-	49.0	132.8	-	-	132.8	113.0	22.1	91
410+00	24.6	71.6	10.0													
				4.6	26.5	1.9	4.5	-	9.1	26.5	-	-	26.5	22.6	1.9	21
410+10	24.6	71.6	10.0													
TOTALS				923	2,270	2,178	403	-	1,326	2,270	18	240	2,528	2,150	2,178	-29

NOTES:
15% SHRINKAGE FACTOR USED
ASSUMED 6" TOPSOIL REMOVAL

SUMMARY		
20200100	20201200	20400800
EARTH EXCAVATION (CU YD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	FURNISHED EXCAVATION (CU YD)
2,270	1,326	29

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 LICENSE NO. 184-000214 EXPRESS - 4/30/2011
 15-CR-78181-OK-MACDOW-NOTZ24- Gr of Road Bridges-CADD-SURVEY-DRAWINGS-DIMS-PHASE INGR-CF West\07224-Gr of West-Eor-MSCH-SHT 4B-C-1C



DESIGNED - CAC	REVISED - 12/30/10 PER MCDOT
DRAWN - BCD	REVISED -
CHECKED - MDW	REVISED -
DATE - 10/08/10	FILE -

**MCHENRY COUNTY DIVISION OF TRANSPORTATION
GRAF ROAD BRIDGE OVER
WEST BRANCH PISCASAW CREEK**

SCALE: NONE

EARTHWORK SCHEDULE

STA. TO STA.

TR RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0037	06-00322-01-BR	MCHENRY	52	9
C-91-258-11 CONTRACT NO. 63580				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT BROS-01110649				