CROSS SECTION EARTHWORK

LOCATION STA.	TO STA.	EARTH EXCAVATION (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (15% OF EARTH EXC.) (CU YD)	TOTAL SUITABLE EARTH EXCAVATION (85% OF EARTH EXCAVATION) (CU YD)	SUTIABLE EARTH EXC. TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE SEE NOTE 3 (CU YD)	EARTH EXCAVATION (SPECIAL) ARCH-E PITS (CU YD)	NON-SPECIAL WASTE DISPOSAL (CU YD)	TOPSOIL REMOVAL, PAID AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
149+22.43	149+50.00	0.0	0.0	0.0	0.0	292.4	-292.4	0.0	117.3	0.0
149+50.00	150+00.00	0.0	0.0	0.0	0.0	1,177.1	-1,177.1	0.0	206.6	0.0
150+00.00	150+50.00	0.0	0.0	0.0	0.0	1,478.2	-1,478.2	0.0	189.2	0.0
150+50.00	151+00.00	0.0	0.0	0.0	0.0	1,173.4	-1,173.4	0.0	191.7	0.0
151+00.00	151+50.00	0.0	0.0	0.0	0.0	797.0	-797.0	0.0	191.3	0.0
151+50.00	152+00.00	0.0	0.0	0.0	0.0	479.5	-479.5	0.0	274.1	0.0
152+00.00	152+50.00	0.0	0.0	0.0	0.0	421.3	-421.3	0.0	475.3	0.0
152+50.00	153+00.00	0.0	0.0	0.0	0.0	502.1	-502.1	0.0	622.0	0.0
153+00.00	153+50.00	0.0	0.0	0.0	0.0	580.8	-580.8	0.0	661.1	0.0
153+50.00	154+00.00	0.0	0.0	0.0	0.0	539.8	-539.8	0.0	484.7	0.0
154+00.00	154+50.00	0.0	0.0	0.0	0.0	452.1	-452.1	0.0	398.7	0.0
154+50.00	155+00.00	0.0	0.0	0.0	0.0	384.6	-384.6	0.0	499.1	0.0
155+00.00	155+50.00	0.0	0.0	0.0	0.0	352.1	-352.1	0.0	446.4	0.0
155+50.00	156+00.00	0.0	0.0	0.0	0.0	352.4	-352.4	0.0	415.0	0.0
156+00.00	156+50.00	0.0	0.0	0.0	0.0	296.4	-296.4	0.0	550.1	0.0
156+50.00	157+00.00	0.0	0.0	0.0	0.0	228.7	-228.7	0.0	691.7	0.0
157+00.00	157+50.00	0.0	0.0	0.0	0.0	176.7	-176.7	0.0	648.4	0.0
157+50.00	158+00.00	0.0	0.0	0.0	0.0	155.7	-155.7	0.0	555.9	0.0
158+00.00	158+50.00	0.0	0.0	0.0	0.0	126.5	-126.5	0.0	663.6	0.0
158+50.00	159+00.00	0.0	0.0	0.0	0.0	100.0	-100.0	0.0	1,381.8	0.0
159+00.00	159+50.00	0.0	0.0	0.0	0.0	88.3	-88.3	0.0	1,931.1	0.0
159+50.00	160+00.00	89.0	13.3	75.6	64.3	130.8	-66.5	0.0	1,472.0	125.3
160+00.00	160+50.00	131.3	19.7	111.6	94.9	336.8	-241.9	0.0	1,020.1	253.0
160+50.00	161+00.00	76.6	11.5	65.1	55.3	473.8	-418.5	0.0	977.3	180.9
161+00.00	161+50.00	74.2	11.1	63.0	53.6	442.9	-389.3	0.0	902.0	108.3
161+50.00	162+00.00	84.4	12.7	71.8	61.0	497.8	-436.8	0.0	442.3	114.2
162+00.00	162+50.00	357.9	53.7	304.2	258.6	559.5	-301.0	0.0	88.8	119.1
162+50.00	163+00.00	341.2	51.2	290.0	246.5	741.2	-494.7	0.0	515.5	121.8
163+00.00	163+50.00	58.2	8.7	49.5	42.1	1,042.5	-1,000.4	0.0	895.4	124.3
163+50.00	164+00.00	30.4	4.6	25.8	21.9	1,217.1	-1,195.1	0.0	916.2	62.5
164+00.00	164+50.00	0.0	0.0	0.0	0.0	1,277.8	-1,277.8	0.0	943.6	0.0
164+50.00	165+00.00	0.0	0.0	0.0	0.0	1,304.7	-1,304.7	0.0	952.7	0.0
165+00.00	165+50.00	0.0	0.0	0.0	0.0	1,378.5	-1,378.5	492.6	855.3	0.0
165+50.00	166+00.00	0.0	0.0	0.0	0.0	1,499.6	-1,499.6	1,522.8	633.9	83.6
166+00.00	166+50.00	0.0	0.0	0.0	0.0	1,587.2	-1,587.2	2,110.6	556.3	128.3
166+50.00	167+00.00	5.0	0.8	4.3	3.6	1,587.8	-1,584.1	1,567.4	568.6	89.7
167+00.00	167+50.00	5.0	0.8	4.3	3.6	1,636.6	-1,633.0	1,004.3	538.0	88.8
167+50.00	168+00.00	0.0	0.0	0.0	0.0	1,640.9	-1,640.9	876.3	505.9	88.1
168+00.00	168+50.00	0.0	0.0	0.0	0.0	1,554.2	-1,554.2	547.3	482.1	92.3
168+50.00	169+00.00	0.0	0.0	0.0	0.0	1,508.0	-1,508.0	463.7	485.3	95.6
169+00.00	169+50.00	0.0	0.0	0.0	0.0	1,476.7	-1,476.7	491.9	490.0	87.2
169+50.00	170+00.00	0.0	0.0	0.0	0.0	1,449.9	-1,449.9	576.0	535.3	80.1
170+00.00	170+50.00	0.0	0.0	0.0	0.0	1,406.1	-1,406.1	593.7	558.7	87.8
170+50.00	171+00.00	0.0	0.0	0.0	0.0	1,311.6	-1,311.6	620.8	528.1	86.6
171+00.00	171+50.00	0.4	0.1	0.3	0.3	1,132.7	-1,132.5	734.3	551.4	79.1
171+50.00	172+00.00	1.8	0.3	1.6	1.3	991.6	-990.3	1,805.9	327.5	79.9
172+00.00	172+50.00	2.5	0.4	2.1	1.8	893.4	-891.6	3,370.4	78.7	80.0
172+50.00	173+00.00	14.0	2.1	11.9	10.1	539.3	-529.2	3,536.6	302.5	81.6
173+00.00	173+50.00	37.4	5.6	31.8	27.0	319.7	-292.7	1,750.7	297.5	84.0
173+50.00	174+00.00	541.7	81.3	460.4	391.4	202.4	189.0	501.6	33.3	154.1
174+00.00	174+50.00	860.5	129.1	731.4	621.7	87.3	534.4	691.0	0.0	466.8
174+50.00	175+00.00	1,161.9	174.3	987.6	839.5	80.0	759.5	340.4	0.0	711.7
175+00.00	175+50.00	1,631.8	244.8	1,387.0	1,178.9	1.4	1,177.5	24.7	0.0	712.9
175+50.00	176+00.00	1,550.6	232.6	1,318.0	1,120.3	1.4	1,118.9	0.0	0.0	716.9
176+00.00	176+50.00	1,529.4	229.4	1,300.0	1,105.0	1.4	1,103.6	2.6	0.0	598.1
176+50.00	177+00.00	1,912.7	286.9	1,625.8	1,381.9	264.6	1,117.4	2.6	0.0	503.1
177+00.00	177+50.00	2,321.5	348.2	1,973.3	1,677.3	513.9	1,163.4	0.0	0.0	531.9
177+50.00	178+00.00	1,791.9	268.8	1,523.1	1,294.6	493.6	801.0	0.0	635.1	365.2
178+00.00	178+50.00	1,170.2	175.5	994.7	845.5	501.9	343.5	55.2	1,199.7	173.4
178+50.00	179+00.00	1,118.6	167.8	950.8	808.2	500.1	308.1	257.1	1,114.9	145.4

NOTES:
1. EARTH EXCAVATION, STOCKPILE (IF REQUIRED) AND SUBSEQUENT PLACEMENT (WHEN APPLICABLE) SHALL ONLY BE MEASURED AND PAID FOR ONCE, AND NOT FOR EACH TRANSPORT.

2. SUITABLE EARTH EXCAVATION SHALL REMAIN ON SITE WITHIN THE I-70 CORRIDOR AND BE PLACED AT THE DIRECTION OF THE ENGINEER.

3. (-) INDICATES SHORTAGE. FURNISHED EXCAVATION OR EARTH EXCAVATION IS REQUIRED.
(+) INDICATES SURPLUS EARTH EXCAVATION TO BE USED ELSEWHERE WITHIN THE PROJECT LIMITS.

CROSS SECTION EARTHWORK

LOCATION STA.	TO STA.	EARTH EXCAVATION (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (15% OF EARTH EXC.) (CU YD)	TOTAL SUITABLE EARTH EXCAVATION (85% OF EARTH EXCAVATION) (CU YD)	SUTIABLE EARTH EXC. TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE SEE NOTE 3 (CU YD)	EARTH EXCAVATION (SPECIAL) ARCH-E PITS (CU YD)	NON-SPECIAL WASTE DISPOSAL (CU YD)	TOPSOIL REMOVAL, PAID AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)
179+00.00	179+50.00	1,050.0	157.5	892.5	758.6	460.9	297.7	367.1	1,065.9	140.1
179+50.00	180+00.00	935.9	140.4	795.5	676.2	408.8	267.4	318.1	1,567.1	132.9
180+00.00	180+50.00	850.9	127.6	723.3	614.8	311.6	303.2	152.9	1,993.7	128.6
180+50.00	181+00.00	855.4	128.3	727.1	618.0	250.4	367.6	0.0	1,856.8	130.0
181+00.00	181+50.00	825.1	123.8	701.3	596.1	307.7	288.4	0.0	1,757.8	131.3
181+50.00	182+00.00	802.1	120.3	681.8	579.5	359.0	220.6	0.0	843.2	185.3
182+00.00	182+50.00	551.0	82.7	468.4	398.1	426.7	-28.6	0.0	285.8	180.9
182+50.00	183+00.00	254.5	38.2	216.4	183.9	721.8	-537.9	180.0	561.7	122.2
183+00.00	183+50.00	146.0	21.9	124.1	105.5	1,097.0	-991.5	419.1	531.6	116.2
183+50.00	184+00.00	63.1	9.5	53.6	45.6	1,451.1	-1,405.6	527.1	518.5	110.1
184+00.00	184+50.00	207.1	31.1	176.1	149.7	1,998.4	-1,848.8	356.0	262.8	170.7
184+50.00	185+00.00	337.4	50.6	286.8	243.8	2,475.5	-2,231.7	244.9	0.0	231.3
185+00.00	185+50.00	208.3	31.3	177.1	150.5	2,649.2	-2,498.6	395.6	198.9	171.5
185+50.00	186+00.00	101.5	15.2	86.3	73.3	2,885.9	-2,812.6	733.8	402.1	112.8
186+00.00	186+50.00	212.4	31.9	180.5	153.5	3,101.8	-2,948.4	1,073.9	396.0	135.7
186+50.00	187+00.00	280.5	42.1	238.4	202.6	3,398.0	-3,195.4	818.6	367.5	158.2
187+00.00	187+50.00	248.6	37.3	211.3	179.6	3,826.3	-3,646.6	514.6	352.4	158.8
187+50.00	188+00.00	274.5	41.2	233.4	198.4	4,155.2	-3,956.8	518.2	342.5	161.2
188+00.00	188+50.00	299.9	45.0	254.9	216.7	4,497.9	-4,281.2	529.4	336.9	163.5
188+50.00	189+00.00	154.9	23.2	131.7	111.9	4,599.6	-4,487.7	495.3	583.7	82.2
189+00.00	189+50.00	0.0	0.0	0.0	0.0	4,740.6	-4,740.6	491.6	820.5	0.0
189+50.00	190+00.00	0.0	0.0	0.0	0.0	5,146.4	-5,146.4	504.4	797.2	0.0
190+00.00	190+50.00	0.0	0.0	0.0	0.0	5,547.0	-5,547.0	496.2	754.3	0.0
190+50.00	191+00.00	129.0	19.3	109.6	93.2	5,583.7	-5,490.6	1,007.0	497.3	74.5
191+00.00	191+49.00	276.9	41.5	235.4	200.1	2,718.5	-2,518.4	1,903.3	183.4	211.7
191+49.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	25,965.1	3,894.8	22,070.3	18,759.8	105,860.8	-87,101.1	35,987.6	49,276.7	10,911.5
PACKERS AVE.										
6+00.00	7+00.00	0.0	0.0	0.0	0.0	128.7	-128.7	0.0	0.0	0.0
7+00.00	8+00.00	0.0	0.0	0.0	0.0	130.0	-130.0	0.0	0.0	0.0
8+00.00	9+00.00	0.0	0.0	0.0	0.0	122.2	-122.2	0.0	0.0	0.0
9+00.00	10+00.00	0.0	0.0	0.0	0.0	122.2	-122.2	0.0	0.0	0.0
10+00.00	11+00.00	0.0	0.0	0.0	0.0	124.6	-124.6	0.0	0.0	0.0
11+00.00	12+00.00	0.0	0.0	0.0	0.0	125.2	-125.2	0.0	0.0	0.0
12+00.00	13+00.00	0.0	0.0	0.0	0.0	123.5	-123.5	0.0	0.0	0.0
13+00.00	14+00.00	0.0	0.0	0.0	0.0	122.8	-122.8	161.7	0.0	0.0
14+00.00	15+00.00	0.0	0.0	0.0	0.0	123.1	-123.1	288.3	0.0	0.0
15+00.00	16+00.00	0.0	0.0	0.0	0.0	128.0	-128.0	891.5	0.0	0.0
16+00.00	16+85.00	0.0	0.0	0.0	0.0	56.4	-56.4	650.1	0.0	0.0
16+85.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	0.0	0.0	0.0	0.0	1,306.7	-1,306.7	1,991.6	0.0	0.0
MESD NORTH ACCESS ROAD										
60+00.00	60+50.00	0.0	0.0	0.0	0.0	89.9	-89.9	0.0	0.0	19.3
60+50.00	61+00.00	0.0	0.0	0.0	0.0	127.5	-127.5	0.0	0.0	32.0
61+00.00	61+50.00	0.0	0.0	0.0	0.0	95.7	-95.7	0.0	0.0	26.8
61+50.00	62+00.00	0.0	0.0	0.0	0.0	130.4	-130.4	0.0	0.0	29.3
62+00.00	62+50.00	0.0	0.0	0.0	0.0	130.6	-130.6	0.0	0.0	29.0
62+50.00	62+95.00	0.0	0.0	0.0	0.0	52.5	-52.5	0.0	0.0	12.5
62+95.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	0.0	0.0	0.0	0.0	626.6	-626.6	0.0	0.0	148.9
TRENCH BACKFILL		0	0	0	0	-1,303	1,303	0	0	0
UTILITY REMOVALS		0	0	0	0	3,101	-3,101	0	0	0
CULVERT EMBANKMENT		0	0	0	2,865	0	2,865	0	0	0
PGES (FILL NOT REQ'D)		0	0	0	0	-3,542	3,542	0	0	0
	TOTALS	25,965.1	3,894.8	22,070.3	21,624.8	106,050.1	-84,425.3	37,979.2	49,276.7	11,060.4

PAID FOR AS:
EARTH EXCAVATION OR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

25,965.1	-	3,894.8	=	22,070	EARTH EXCAVATION TOTAL
3,894.8	+	11,060.4	=	14,955.1	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL TOTAL

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED ⚠1 SHEET REV. 6/6/11 JB
		DRAWN - JB	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -
	PLOT DATE = $DATE$	DATE - 02/04/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
I-70 CONNECTION

SCHEDULE OF QUANTITIES 1

SCALE: N.T.S. | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1A	ST. CLAIR	190	12

CONTRACT NO. 76C41

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

..\D8CONN-06-BORDER1.DGN, ..\D8CONN-06-SCHED01.DGN, ..\D8CONN-99-MOTIF1.DGN, ..\D8CONN-06-MOTIF1.DGN
5-26-2011, 17:37:32 NEWMANMD \\FS-0044\AM\VAULT,D-TRANS_07\2202\20868-001\CIVIL\CAD\99 ALL CONTRACTS\CONN\SHEETS CONTRACT 06\D8CONN-06-SHT-SCHEDULE1.DGN