

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-031 BY	WILL	137	8
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

FROM STATION	TO STATION	EARTH EXCAVATION (20200100) CU YD	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200) CU YD	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (20400800) CU YD	TOPSOIL FURNISH & PLACE (FOR INFO ONLY) CU YD
I-55 (FROM I&M CANAL TO N. OF CSX BRIDGE) STAGE I							
142+00.00	143+00.00	26.0	33.5	22.1	16.6	5.5	12.4
143+00.00	144+00.00	33.9	61.9	28.8	36.0	-7.2	28.2
144+00.00	144+75.48	24.2	61.8	20.5	39.9	-19.4	31.6
144+75.48	END	0.0	0.0	0.0	0.0	0.0	0.0
145+90.88	146+00.00	3.3	12.0	2.8	10.4	-7.7	6.5
146+00.00	147+00.00	37.9	109.2	32.3	95.4	-63.1	54.2
147+00.00	148+00.00	43.9	85.4	37.3	67.3	-30.1	35.4
148+00.00	149+00.00	52.8	71.7	44.8	42.0	2.9	23.2
149+00.00	150+00.00	53.9	93.4	45.8	72.5	-26.6	35.0
150+00.00	151+00.00	48.0	126.2	40.8	129.0	-88.2	53.9
151+00.00	152+00.00	42.9	120.7	36.5	141.8	-105.3	46.8
152+00.00	153+00.00	38.7	127.4	32.9	181.8	-148.8	47.9
153+00.00	154+00.00	36.7	143.0	31.2	241.9	-210.6	55.4
154+00.00	155+00.00	35.9	142.2	30.6	250.7	-220.2	52.7
155+00.00	156+00.00	35.2	137.1	30.0	236.6	-206.7	48.9
156+00.00	157+00.00	34.1	138.6	29.0	243.5	-214.5	50.0
157+00.00	158+00.00	32.7	140.8	27.8	255.7	-227.9	51.4
158+00.00	159+00.00	31.3	142.7	26.6	266.7	-240.1	52.5
159+00.00	160+00.00	32.3	139.4	27.5	250.1	-222.7	50.2
160+00.00	161+00.00	35.7	130.0	30.4	207.6	-177.2	43.9
161+00.00	162+00.00	37.9	128.3	32.2	199.4	-167.2	42.7
162+00.00	163+00.00	38.3	134.9	32.5	229.6	-197.0	46.9
163+00.00	164+00.00	39.8	133.8	33.8	223.8	-190.0	46.2
164+00.00	165+00.00	174.3	171.7	148.2	182.5	-34.3	68.5
165+00.00	165+53.88	276.2	119.2	234.8	77.7	157.1	53.4
165+53.88	166+00.00	329.2	114.8	279.8	60.8	219.0	53.9
166+00.00	166+21.69	151.0	61.4	128.3	29.6	98.8	29.8
166+21.69	166+53.73	109.3	47.6	92.9	21.4	71.5	23.5
166+53.73	END	0.0	0.0	0.0	0.0	0.0	0.0
168+84.52	169+16.55	179.8	83.6	152.8	258.2	-105.4	60.5
169+16.55	169+85.15	317.4	207.5	269.8	396.4	-126.6	107.5
169+85.15	170+00.00	20.8	39.1	17.7	59.9	-42.2	19.1
170+00.00	171+00.00	75.0	256.3	63.8	297.3	-233.6	120.7
171+00.00	172+00.00	87.2	249.2	74.1	303.1	-229.0	113.7
172+00.00	173+00.00	101.1	249.1	86.0	316.1	-230.2	109.8
173+00.00	174+00.00	100.4	253.3	85.3	311.6	-226.2	104.9
174+00.00	175+00.00	77.4	256.0	65.8	388.6	-322.8	100.2
175+00.00	176+00.00	70.0	253.8	59.5	443.5	-383.9	95.1
176+00.00	177+00.00	83.7	250.9	71.1	411.0	-339.9	89.7
177+00.00	178+00.00	96.7	247.6	82.2	368.7	-286.5	83.8
178+00.00	179+00.00	102.4	244.1	87.0	344.4	-257.4	77.9
179+00.00	180+00.00	93.8	231.6	79.7	345.5	-265.8	73.5
180+00.00	181+00.00	390.4	110.5	331.8	174.0	157.8	70.0
181+00.00	182+00.00	387.1	105.7	329.1	160.4	168.6	66.2
182+00.00	183+00.00	84.8	206.5	72.0	297.4	-225.3	62.0
183+00.00	184+00.00	89.8	199.6	76.4	334.5	-258.1	57.8
184+00.00	185+00.00	76.3	194.4	64.9	397.3	-332.4	53.5
185+00.00	186+00.00	74.1	188.4	63.0	440.0	-377.0	49.3
186+00.00	187+00.00	69.9	177.3	59.4	481.1	-421.7	63.6
187+00.00	END	0.0	0.0	0.0	0.0	0.0	0.0
I-55 @ SUNNYLAND DRAIN STAGE I							
491+42.75	491+78.25	68.9	21.6	58.6	0.0	58.6	0.0
491+78.25	END	0.0	0.0	0.0	0.0	0.0	0.0
492+02.75	492+49.25	91.0	16.7	77.4	0.0	77.4	0.0
492+49.25	END	0.0	0.0	0.0	0.0	0.0	0.0
CSX RR STAGE I							
166+25.00	168+75.00	39.9	224.3	33.9	542.6	-508.6	109.2
STAGE I TOTALS		4613.3	7195.7	3921.3	10882.0	-6960.7	2833.0
I-55 (FROM I&M CANAL TO N. OF CSX BRIDGE) STAGE II							
165+00.00	165+53.88	246.6	53.6	209.6	261.5	-51.9	32.7
165+53.88	166+00.00	295.0	60.3	250.7	318.5	-67.7	37.6
166+00.00	166+21.69	120.5	32.7	102.4	169.7	-67.3	20.1
166+21.69	END	0.0	0.0	0.0	0.0	0.0	0.0
169+00.00	169+16.55	85.4	34.3	72.6	192.2	-119.6	21.4
169+16.55	169+85.15	270.8	78.0	230.2	397.1	-167.0	48.5
169+85.15	170+00.00	9.3	2.7	7.9	1.7	6.2	1.5
170+00.00	END	0.0	0.0	0.0	0.0	0.0	0.0
CSX RR STAGE II							
166+25.00	168+75.00	330.0	211.7	280.5	704.5	-424.0	132.4
STAGE II TOTALS		1357.5	473.2	1153.9	2045.2	-891.3	294.2
<b>TOTALS</b>		<b>5970.8</b>	<b>7669.0</b>	<b>5075.2</b>	<b>12927.2</b>	<b>-7852.0</b>	<b>3127.2</b>

TREE REMOVAL (6 TO 15 UNITS DIAMETER)			TOTAL	9	UNIT
STATION	OFFSET (FT.)		Sub Totals		
148+10.72	54.79 LT			9	

TREE REMOVAL (OVER 15 UNITS DIAMETER)			TOTAL	34	UNIT
STATION	OFFSET		Sub Totals		
143+52.54	64.21 LT			18	
148+06.66	55.64 LT			16	

FURNISHED EXCAVATION			TOTAL	7852	CU YD
			Sub Totals		
FROM EARTHWORK SCHEDULE				7852	

TOPSOIL FURNISH AND PLACE, 6"								TOTAL	21483	SQ YD
LOCATION	FROM STATION	FROM OFFSET	FROM DIRECTION	TO STATION	TO OFFSET	TO DIRECTION	MEASURED AREA SQ FT	Sub	totals	
FROM SEEDING, CLASS 2A										
	142+00	30	RT	144+82	32	RT	5,997	666.33		
	146+00	50	RT	167+66	50	RT	73,186	8292.79		
	164+85	50	LT	167+07	70	LT	11,963	1355.54		
	167+78	68	LT	169+75	70	LT	12,503	1416.73		
	168+32	58	RT	169+50	58	RT	6,186	700.94		
	169+50	50	RT	189+00	30	RT	78,216	8810.54		
	176+96	124	LT	176+96	140	LT	430	47.78		
	176+97	81	LT	176+97	97	LT	363	40.33		
	491+00	0		491+42	0		680	75.56		
	492+49	0		493+00	0		685	76.11		

SEEDING, CLASS 2A								TOTAL	4.44	ACRE
LOCATION	FROM STATION	FROM OFFSET	FROM DIRECTION	TO STATION	TO OFFSET	TO DIRECTION	MEASURED AREA SQ FT	Sub	totals	
	142+00	30	RT	144+82	32	RT	5,997	0.138		
	146+00	50	RT	167+66	50	RT	73,186	1.713		
	164+85	50	LT	167+07	70	LT	11,963	0.280		
	167+78	68	LT	169+75	70	LT	12,503	0.293		
	168+32	58	RT	169+50	58	RT	6,186	0.145		
	169+50	50	RT	189+00	30	RT	78,216	1.820		
	176+96	124	LT	176+96	140	LT	430	0.010		
	176+97	81	LT	176+97	97	LT	363	0.008		
	491+00	0		491+42	0		680	0.016		
	492+49	0		493+00	0		685	0.016		

MULCH, METHOD 2								TOTAL	4.69	ACRE
DISTURBED AREA ID	FROM STATION	FROM OFFSET	FROM DIRECTION	TO STATION	TO OFFSET	TO DIRECTION	MEASURED AREA	SLOPE COEFF.	Sub	totals
EROSION CONTROL ITEMS										
ERC-1	142+00	50	RT	166+50	50	RT	99,340	1.0198	2.326	
ERC-2	168+80	100	LT	168+80	100	LT	12,280	1.0000	0.282	
ERC-3	168+30	50	RT	189+00	30	RT	87,000	1.0138	2.025	
ERC-4	177+00	140	LT	177+00	140	LT	500	1.0000	0.011	
ERC-5	177+00	83	LT	177+00	83	LT	623	1.0000	0.014	
ERC-6	491+00	0	RT	491+42	0	RT	680	1.0138	0.016	
ERC-7	492+49	0	RT	493+00	0	RT	830	1.0138	0.019	

EROSION CONTROL BLANKET								TOTAL	21,483	SQ YD
LOCATION	FROM STATION	FROM OFFSET	FROM DIRECTION	TO STATION	TO OFFSET	TO DIRECTION	MEASURED AREA	SLOPE COEFF.	Sub	totals
FROM SEEDING, CLASS 2A										
	142+00	30	RT	144+82	32	RT	5,997	1.0000	666	
	146+00	50	RT	167+66	50	RT	73,186	1.0198	8,293	
	164+85	50	LT	167+07	70	LT	11,963	1.0198	1,356	
	167+78	68	LT	169+75	70	LT	12,503	1.0198	1,417	
	168+32	58	RT	169+50	58	RT	6,186	1.0198	701	
	169+50	50	RT	189+00	30	RT	78,216	1.0138	8,811	
	176+96	124	LT	176+96	140	LT	430	1.0000	48	
	176+97	81	LT	176+97	97	LT	363	1.0000	40	
	491+00	0		491+42	0		680	1.0000	75.56	
	492+49	0		493+00	0		685	1.0000	76.11	

TEMPORARY EROSION CONTROL SEEDING								TOTAL	469	POUND
DISTURBED AREA ID	FROM STATION	FROM OFFSET	FROM DIRECTION	TO STATION	TO OFFSET	TO DIRECTION	AREA ACRES	SLOPE COEFF.	Sub	totals
ERC-1	142+00	50	RT	166+50	50	RT	2.281	1.0198	233	
ERC-2	168+80	100	LT	168+80	100	LT	0.282	1.0000	28	
ERC-3	168+30	50	RT	189+00	30	RT	1.997	1.0138	202	
ERC-4	177+00	140	LT	177+00	140	LT	0.011	1.0000	1	
ERC-5	177+00	83	LT	177+00	83	LT	0.014	1.0000	1	
ERC-6	491+00	0	RT	491+42	0	RT	0.016	1.0138	2	
ERC-7	492+49	0	RT	493+00	0	RT	0.019	1.0138	2	

TEMPORARY DITCH CHECKS					TOTAL	6	EACH
STATION	OFFSET	DIRECTION			Sub	totals	
151+50	50	RT					