

LOCATION STATION TO STATION	TOPSOIL REMOVED (CU YD)			20200100 EARTH EXCAVATION (ALL SUITABLE) (CU YD)			EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR SHRINKAGE 15%) (CU YD)			EMBANKMENT QUANTITIES (CU YD)			EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		
	STA I	STA II	STA III	STA I	STA II	STA III	STA I	STA II	STA III	STA I	STA II	STA III	STA I	STA II	STA III
5498+00.00 5499+00.00	54.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.6	0.0	0.0	-25.6	0.0	0.0
5499+00.00 5500+00.00	95.0	29.6	9.1	0.0	115.9	79.8	0.0	98.5	67.8	120.2	1.3	18.9	-120.2	97.2	49.0
5500+00.00 5501+00.00	118.9	56.3	19.4	0.0	198.7	175.0	0.0	168.9	148.8	238.9	5.6	43.1	-238.9	163.3	105.6
5501+00.00 5502+00.00	122.8	49.8	21.1	0.0	141.5	206.3	0.0	120.3	175.4	292.2	10.4	51.1	-292.2	109.9	124.2
5502+00.00 5503+00.00	115.9	46.5	28.3	0.0	115.2	230.9	0.0	97.9	196.3	298.7	12.4	68.9	-298.7	85.5	127.4
5503+00.00 5504+00.00	113.0	47.6	37.0	0.0	96.3	255.7	0.0	81.9	217.4	291.7	16.1	87.6	-291.7	65.7	129.8
5504+00.00 5505+00.00	112.8	49.1	38.9	0.0	66.9	279.8	0.0	56.8	237.8	287.6	21.9	92.8	-287.6	35.0	145.1
5505+00.00 5506+00.00	110.6	52.8	35.6	0.0	58.9	310.4	0.0	50.1	263.8	280.7	25.0	94.6	-280.7	25.1	169.2
5506+00.00 5507+00.00	107.6	61.7	37.2	0.0	72.8	343.5	0.0	61.9	292.0	260.7	18.7	101.3	-260.7	43.2	190.7
5507+00.00 5508+00.00	102.6	68.5	41.1	0.0	80.6	358.1	0.0	68.5	304.4	225.6	15.2	112.8	-225.6	53.3	191.6
5508+00.00 5509+00.00	98.9	76.7	45.0	0.0	75.4	386.3	0.0	64.1	328.4	190.0	17.2	122.4	-190.0	46.8	205.9
5509+00.00 5510+00.00	90.7	87.4	51.1	0.0	58.9	401.1	0.0	50.1	340.9	149.3	32.6	136.7	-149.3	17.5	204.3
5510+00.00 5511+00.00	96.1	95.4	46.3	0.0	33.0	392.4	0.0	28.0	333.5	167.6	63.3	125.2	-167.6	-35.3	208.4
5511+00.00 5512+00.00	99.4	101.5	47.8	0.0	10.6	363.1	0.0	9.0	308.7	172.4	106.5	118.0	-172.4	-97.5	190.7
5512+00.00 5513+00.00	79.4	103.0	68.5	0.0	0.7	314.3	0.0	0.6	267.1	110.4	150.7	154.8	-110.4	-150.1	112.3
5513+00.00 5514+00.00	65.2	109.4	82.0	0.0	0.0	300.4	0.0	0.0	255.3	75.9	180.0	184.8	-75.9	-180.0	70.5
5514+00.00 5515+00.00	58.3	123.1	89.1	0.0	0.0	295.9	0.0	0.0	251.5	63.7	202.8	236.7	-63.7	-202.8	14.9
5515+00.00 5516+00.00	47.2	137.0	103.1	0.0	1.3	289.1	0.0	1.1	245.7	48.5	197.6	310.4	-48.5	-196.5	-64.7
5516+00.00 5516+10.84	3.4	15.7	9.4	0.0	0.3	34.4	0.0	0.3	29.3	3.0	19.4	25.1	-3.0	-19.1	4.2
5516+10.84 5517+00.00	21.3	127.3	84.5	0.0	3.8	295.9	0.0	3.2	251.5	16.0	147.4	195.3	-16.0	-144.2	56.2
5517+00.00 5518+00.00	13.1	141.5	63.1	0.0	2.8	264.6	0.0	2.4	224.9	11.3	150.2	195.9	-11.3	-147.8	29.0
5518+00.00 5519+00.00	0.0	190.4	145.6	0.0	0.0	171.5	0.0	0.0	145.8	0.0	190.4	218.3	0.0	-190.4	-72.6
5519+00.00 5520+00.00	145.6	119.1	145.6	26.3	0.0	66.9	22.4	0.0	56.8	218.9	119.1	179.4	-196.5	-119.1	-122.6
5520+00.00 5521+00.00	294.1	0.0	0.0	77.4	0.0	0.0	65.8	0.0	0.0	345.9	0.0	0.0	-280.1	0.0	0.0
5521+00.00 5522+00.00	275.9	0.0	0.0	52.2	0.0	0.0	44.4	0.0	0.0	288.9	0.0	0.0	-244.5	0.0	0.0
5522+00.00 5523+00.00	257.4	0.0	0.0	1.1	0.0	0.0	0.9	0.0	0.0	364.3	0.0	0.0	-363.3	0.0	0.0
5523+00.00 5524+00.00	256.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	433.1	0.0	0.0	-433.1	0.0	0.0
5524+00.00 5525+00.00	257.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	400.0	0.0	0.0	-400.0	0.0	0.0
5525+00.00 5526+00.00	261.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	299.3	0.0	0.0	-299.3	0.0	0.0
5526+00.00 5527+00.00	258.0	0.0	0.0	6.5	0.0	0.0	5.5	0.0	0.0	179.8	0.0	0.0	-174.3	0.0	0.0
5527+00.00 5528+00.00	254.6	0.0	0.0	22.6	0.0	0.0	19.2	0.0	0.0	72.8	0.0	0.0	-53.6	0.0	0.0
5528+00.00 5529+00.00	251.1	0.0	0.0	34.8	0.0	0.0	29.6	0.0	0.0	44.6	0.0	0.0	-15.0	0.0	0.0
5529+00.00 5529+89.78	239.1	0.0	0.0	16.8	0.0	0.0	14.3	0.0	0.0	98.3	0.0	0.0	-84.0	0.0	0.0
5529+89.78 5530+00.00	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	-18.2	0.0	0.0
5530+00.00 5531+00.00	282.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	281.3	0.0	0.0	-281.3	0.0	0.0
5531+00.00 5532+00.00	281.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	424.1	0.0	0.0	-424.1	0.0	0.0
5532+00.00 5533+00.00	287.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	495.9	0.0	0.0	-495.9	0.0	0.0
5533+00.00 5534+00.00	292.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	594.8	0.0	0.0	-594.8	0.0	0.0
5534+00.00 5535+00.00	292.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	672.4	0.0	0.0	-672.4	0.0	0.0
5535+00.00 5536+00.00	292.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	656.9	0.0	0.0	-656.9	0.0	0.0
5536+00.00 5537+00.00	287.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	588.7	0.0	0.0	-588.7	0.0	0.0
5537+00.00 5538+00.00	281.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	534.6	0.0	0.0	-534.6	0.0	0.0
5538+00.00 5539+00.00	281.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	503.3	0.0	0.0	-503.3	0.0	0.0
5539+00.00 5540+00.00	263.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	458.7	0.0	0.0	-458.7	0.0	0.0
5540+00.00 5541+00.00	244.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	432.0	0.0	0.0	-432.0	0.0	0.0
5541+00.00 5542+00.00	244.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	396.1	0.0	0.0	-396.1	0.0	0.0
5542+00.00 5543+00.00	244.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	311.5	0.0	0.0	-311.5	0.0	0.0
5543+00.00 5544+00.00	244.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	348.5	0.0	0.0	-348.5	0.0	0.0
5544+00.00 5544+41.83	144.1	0.0	0.0	47.1	0.0	0.0	40.0	0.0	0.0	138.7	0.0	0.0	-98.7	0.0	0.0
5544+41.83 END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTALS	8470.7	1889.3	1249.0	284.8	1133.4	5815.5	242.1	963.4	4943.2	12931.7	1703.6	2874.1	-12689.6	-740.3	2069.0

NOTES:

1. THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS INCLUDES THE VOLUME OF TOPSOIL REMOVED WHICH WILL NOT BE STOCKPILED OR PLACED ON SITE.
2. ALONG THE WEST SIDE OF THE WEST FRONTAGE ROAD BETWEEN STA 5006+00 TO 5028+00, THE TOP LAYER OF EARTH HAS BEEN DISTURBED BY AN ADJACENT CONSTRUCTION PROJECT. THE ENGINEER SHALL DETERMINE IF THIS TOP LAYER OF REMOVAL CAN BE USED AS TOPSOIL ON SITE, OR IF IT THE POTENTIALLY UNSUITABLE MATERIAL MUST BE REMOVED AND DISPOSED OF AS UNSUITABLE MATERIAL.
3. THE LANDSCAPING PLANS DEPICT THE REPLACEMENT OF TOPSOIL AND SEEDING UP TO THE RIGHT-OF-WAY LINE ALONG THE WEST SIDE OF THE WEST FRONTAGE ROAD BETWEEN STA 5006+00 TO 5028+00 AS THE CURRENT EARTH CONDITION HAS BEEN DISTURBED AND REMAINS UNSEEDING AT THE TIME OF THESE CONTRACT PLANS. IF THIS EARTH AREA NOTED IS SEEDING BY OTHERS PRIOR TO THIS CONSTRUCTION, THE ENGINEER SHALL DETERMINE IF THESE AREAS BEYOND THE ACTUAL LIMITS OF EXCAVATION WILL REQUIRE TOPSOIL AND SEEDING. ANY SEEDING AND FERTILIZER QUANTITIES NOT NEEDED AT THE TIME OF CONSTRUCTION SHOULD BE DELETED FROM THE CONTRACT WITH NO EXTRA COMPENSATION TO THE CONTRACTOR. ANY EXCESS TOPSOIL EXCAVATION AND PLACEMENT NOT REQUIRED FOR FINAL TOPSOIL PLACEMENT SHALL BE REMOVED AND PAID FOR AS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL.
4. TOPSOIL REMOVAL SHALL BE PAID FOR AS EITHER TOPSOIL EXCAVATION AND PLACEMENT (21101505) OR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (20201200).
5. 6" OF UNDERCUT IS REQUIRED DIRECTLY BENEATH THE AGGREGATE SUBGRADE DEPTH FOR THE ENTIRE SUBGRADE WIDTH (34') BETWEEN STA 5502+50 TO STA 5505+50. THIS WILL REQUIRE 189 CY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, AND 189 CY OF POROUS GRANULAR EMBANKMENT, SUBGRADE.
6. RECOMMENDED TEMPORARY TOPSOIL STOCKPILE TO BE LOCATED BETWEEN STA 5035+00 TO STA 5037+00 AND OFFSET A MINIMUM OF 40 FEET WEST OF THE EXISTING WEST FRONTAGE ROAD ALIGNMENT. THE ENGINEER SHALL DETERMINE FINAL TOPSOIL STOCKPILE LOCATION. TOPSOIL IS NOT TO BE STOCKPILED OVER EXISTING KINDER MORGAN GAS PIPELINES OR IN AREAS OF UTILITY RELOCATION.

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI 55 WEST FRONTAGE ROAD AT IL 59
SECTION: 99(1&2)AC-R-2

SCHEDULE OF QUANTITIES I

SCALE: _____ DRAWN BY: JB
DATE: 3/22/2007 CHECKED BY: ACL

TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 200 N. MICHIGAN AVE. CHICAGO, IL 60601
 TELEPHONE: 312.686.9000