

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		S00-01 OF 8		

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY 100% URBAN	CONSTRUCTION TYPE CODE																
				ROADWAY Sta. 573+00.00 to Sta. 789+00.00 I000-2A	US 30 Sta. 587+80.82 X231-2A	EJ&E SB Sta. 608+37.25 X171-5B	EJ&E NB Sta. 608+37.25 X171-5B	MINK Sta. 630+09.46 X020-2A	RENWICK Sta. 631+48.98 SFTY-2A	MS Sta. 710+34.50 X131-2A	LILLY CACHE Sta. 773+45.67 X020-2A	RTE 126 Sta. 781+12.54 SFTY-2A	LIGHTING Sta. 573+00.00 to Sta. 789+00.00 Y030-1E							
20101000	TEMPORARY FENCE	FOOT	470	470																
20200100	EARTH EXCAVATION	CU YD	19,780	19,780																
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	9,560	8,985							10	565								
20400800	FURNISHED EXCAVATION	CU YD	12,460	12,460																
20600200	GRANULAR EMBANKMENT, SPECIAL	CU YD	10								10									
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	925		145	75	40	45			55	565								
20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	530	530																
20800150	TRENCH BACKFILL	CU YD	3,897	3,897																
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1586	1586																
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,540	1,540																
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	17,486	17,486																
21101815	COMPOST FURNISH AND PLACE, 4"	SQ YD	11,480	11,480																
25000210	SEEDING, CLASS 2A	ACRE	9.25	9.25																
25000310	SEEDING, CLASS 4	ACRE	2.00	2.00																
25000314	SEEDING, CLASS 4B	ACRE	0.25	0.25																
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	813	813																
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	813	813																
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	813	813																
25002024	SEEDING, CLASS 4B (MODIFIED)	ACRE	0.50	0.50																
25100115	MULCH, METHOD 2	ACRE	14.25	14.25																
25100630	EROSION CONTROL BLANKET	SQ YD	107,733	107,733																
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,412	1,412																
28000300	TEMPORARY DITCH CHECKS	EACH	20	20																
28000500	INLET AND PIPE PROTECTION	EACH	15	15																
28000510	INLET FILTERS	EACH	107	107																
28100105	STONE RIPRAP, CLASS A3	SQ YD	292	292																
28100107	STONE RIPRAP, CLASS A4	SQ YD	440	25					15		270	130								
28200200	FILTER FABRIC	SQ YD	579	145					15		289	130								
31101400	SUB-BASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	8,177	8,177																
35300510	PORTLAND CEMENT CONCRETE BASE COURSE 10 1/2"	SQ YD	3,333	3,333																
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	41,167	41,167																
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	19.4	19.4																
40600895	CONSTRUCTING TEST STRIP	EACH	3	3																
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	1,328	1,328																
40601000	BITUMINOUS REPLACEMENT OVER PATCHES	TON	827	827																

REVISIONS	
NAME	DATE
S. VERTHEIN	08/01/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55
 US 30 (PLAINFIELD ROAD) TO LILLY CACHE SLOUGH

SUMMARY OF QUANTITIES

SCALE: NONE
 DATE: 07-21-06

DRAWN BY AR
 CHECKED BY SV

Rev. 9-15-06
 Rev. 9-5-06



FINAL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
		SQ-08 OF 8		

CODE NO.	ITEM	UNIT	URBAN STATE TOTAL QUANTITY	CONSTRUCTION TYPE CODE																
				ROADWAY Sta. 573+00.00 to Sta. 789+00.00	US 30 Sta. 587+80.82	EJ&E SB Sta. 608+37.25	EJ&E NB Sta. 608+37.25	MINK Sta. 630+09.46	RENWICK Sta. 631+48.98	MS Sta. 710+34.50	LILLY CACHE Sta. 773+45.67	RTE 126 Sta. 781+12.54	LIGHTING Sta. 573+00.00 to Sta. 789+00.00							
X6050700	REMOVE INLET BOX	EACH	8	8																
X6370905	BARRIER BASE	FOOT	11,700	11,700																
X6370940	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	11,518	11,518																
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	12	12																
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1																
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	274	274																
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	7	7																
* X8160370	UNIT DUCT, WITH 3-1/2" NO. 4 AND 1/2" NO. 6 GROUND, 600V (EPR-TYPE RHW), 1 1/4" DIA., POLYETHYLENE	FOOT	410																	410
Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	61,315	61,315																
Z0002600	BAR SPLICERS	EACH	3,020		1,406	1,192	190				232									
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1																
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	1	1																
△ Z0030030	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	4																
△ Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	12	12																
△ Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	10	10																
△ Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	10	10																
△ Z0030350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	13	13																
Z0047300	PROTECTIVE SHIELD	SQ YD	1,597		998	470	129													
Z0076600	TRAINEES	HOOR	1,000	1,000																
X0325561	CULVERTS TO BE GROUTED	CU YD	26	26																
X8110145	CONDUIT ATTACHED TO STRUCTURE, 1" DIA. RIGID GALVANIZED STEEL PVC COATED	FOOT	320																	320
X0325305	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5")	SQ FT	390		20	73	18	10	91											178
X0325303	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5")	SQ FT	5		5															
△ X0325562	BITUMINOUS BASE COURSE SUPERPAVE, N50, 2 1/2"	SQ YD	49,877	49,877																
X0325563	BITUMINOUS BASE COURSE, SUPERPAVE, N70, 8"	SQ YD	4,861	4,861																
X0325564	BITUMINOUS BASE COURSE, SUPERPAVE, N90, 8"	SQ YD	49,877	49,877																
X0325565	BITUMINOUS BASE COURSE, SUPERPAVE, N90, 10 1/4"	SQ YD	9,791	9,791																
△ X0325041	REMOVE AND REPLACE LIGHTING UNIT IDENTIFICATION DECAL	EACH	15																	15

△ SFTY-3N
* SPECIALTY ITEMS

REVISIONS	
NAME	DATE
S. VERTHEIN	08/01/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55
US 30 (PLAINFIELD ROAD) TO LILLY CACHE SLOUGH

SUMMARY OF QUANTITIES

SCALE: 1" = 50'
DATE: 07-21-06

DRAWN BY
CHECKED BY

△ Rev. 9-15-06
△ Rev. 9-5-06



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2006-032 BY	WILL	505	423
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EARTHWORK SUMMARY

	UNSUITABLE EXCAVATION (CU YD)	EARTH EXCAVATION (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	TOPSOIL FURNISH AND PLACE (6") (SQ YD)	FURNISHED EXCAVATION (CU YD)
TOTAL	8,985	19,780	1,540	3,935	12,460

I-55 MAINLINE

STAGE 1

LOCATION			UNSUITABLE		EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR SHRINKAGE 25%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
			TOPSOIL (CU YD)	UNDERCUT (CU YD)				
572+60.00	TO	589+12.00	1,105	0	1,410	1,060	-180	880
580+32.00	TO	583+35	615	0	1,200	900	-395	505
589+12.00	TO	607+96.69	920	0	2,290	1,720	-265	1,455
610+71.46	TO	629+31.96	910	120	2,255	1,690	-345	1,345
630+86.78	TO	641+00.00	560	0	1,185	890	-230	660
700+00.00	TO	709+38.24	395	0	1,205	905	0	905
711+12.00	TO	722+00.00	465	0	1,290	970	-70	900
752+00.00	TO	789+00.00	1,340	445	4,680	3,510	-110	3,400
TOTAL:								10,050

STAGE 2

LOCATION			UNSUITABLE EXCAVATION (CU YD)	EARTH EXCAVATION (CU YD)	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR SHRINKAGE 25%) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
572+60.00	TO	589+12.00	0	0	0	0	0	0
580+32.00	TO	583+35.00	0	0	0	0	0	0
589+12.00	TO	607+96.69	65	280	65	210	-350	-140
610+71.46	TO	629+31.96	1,825	2,785	1,255	2,090	-15,310	-13,220
630+86.78	TO	641+00.00	0	0	0	0	0	0
700+00.00	TO	709+38.24	0	0	0	0	0	0
711+12.00	TO	722+00.00	0	0	0	0	0	0
752+00.00	TO	789+00.00	0	0	0	0	0	0
1501+00.00	TO	1503+90.00	220	1,200	220	900	0	900
TOTAL:								-12,460

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 55
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH
 EARTHWORK SCHEDULE
 STA. 589+12.32 TO STA. 789+00.00



SCALE: DATE: 07-21-06
 DRAWN BY MGH
 CHECKED BY RMH

Rev. 9-15-06

FINAL