

EARTHWORK							
1	2	3	4	5	6	7	8
LOCATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT	EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)
STATION TO	STATION	CU YD					
F.A.S. RTE. 258 (C.H. 2)							
STAGE 1							
47+50.00	TO	53+00.00			373	280	130
STAGE 2							
47+50.00	TO	53+00.00	2235		1319	989	4455
STAGE 3							
49+50.00	TO	50+50.00			139	104	104
STAGE 4							
37+00.00	TO	63+50.00	1113	2827	2120	815	1305
TOTAL		0	2235	1113	4658	3493	5400

SHRINKAGE FACTORS: 25%
EARTH EXCAVATION:
COLUMN 1, 2, 3, 4, 5 & 7 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.
CUT = EARTH EXCAVATION, FILL = EMBANKMENT, TSE = TOPSOIL EXCAVATION, USM = UNSUITABLE MATERIAL
COLUMN 6 = COLUMN 5 x (1 - EARTH EXCAVATION SHRINKAGE FACTOR)
COLUMN 8 = COLUMN 6 - COLUMN 7

PAY ITEMS:
COLUMN 4 IS TOPSOIL PLACEMENT, 4" = 10022 SQ YD (converted from CU YD quantity)
COLUMN 3 IS TOPSOIL EXCAVATION = 2235 CU YD
COLUMN 5 IS EARTH EXCAVATION = 4658 CU YD
FURNISHED EXCAVATION = 3316 CU YD (FOR STAGE 2)

TEMPORARY DITCH CHECKS (ROLLED EXCELSIOR)			
LOCATION		LENGTH	
STATION	SIDE	FOOT	
F.A.S. RTE. 258 (C.H. 2)			
STAGE 1 (TEMPORARY DITCHES)			
51+15		RT	24
FINAL DITCHES			
36+78	LT		24
36+78		RT	24
41+50	LT		24
49+50		RT	24
50+25		RT	24
63+50	LT		24
63+50		RT	24
TOTAL		192	

INLET AND PIPE PROTECTION		
STATION	SIDE	EACH
F.A.S. RTE. 258 (C.H. 2)		
37+97.20	LT	1
41+12.70	RT	1
49+00.00	LT	1
54+43.40	RT	1
54+51.00	LT	1
U.S. RTE. 52 (N.38TH RD.)		
99+00.00	LT	2
TOTAL		7

ENTRANCES			
LOCATION			AGGREGATE SURFACE COURSE, TYPE B
STATION	SIDE	TYPE	TON
F.A.S. RTE. 258 (C.H. 2)			
37+79.2	LT	FE	23.5
40+96.9	RT	FE	23.5
54+27.8	LT	FE	36.4
54+30.4	RT	FE	100.0
59+90.8	LT	FE	23.5
TOTAL			207

PERIMETER EROSION BARRIER						
STATION	SIDE	OFFSET	TO	STATION	OFFSET	LENGTH FOOT
F.A.S. RTE. 258 (C.H. 2)						
41+50	RT	VARIES	TO	49+00	VARIES	750.0
60+00	RT	VARIES	TO	62+00	VARIES	200.0
57+00	LT	VARIES	TO	61+00	VARIES	400.0
TOTAL						1350

NOTE: PERIMETER EROSION BARRIER IS SILT FENCE.

SEEDING, MULCH, NUTRIENTS							
LOCATION			SEEDING, CLASS 2A	MULCH, METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT
STATION +/- TO	STATION +/-	SIDE	ACRE	POUND			
F.A.S. RTE. 258 (C.H. 2)							
37+00	TO	63+50	LT / RT	2.1	2.1	189	189
TOTAL				2.1	2.1	189	189

EXPLORATION TRENCH, 52" DEPTH				
STATION	TO	STATION	SIDE	LENGTH FOOT
F.A.S. RTE. 258 (C.H. 2)				
36+78.29	TO	49+50.00	RT	1272
50+50.00	TO	63+55.65	LT	1306
TOTAL				2577

PAVEMENT													
LOCATION			SUB-BASE GRANULAR MATERIAL TYPE A, 12"	SUB-BASE GRANULAR MATERIAL TYPE C	HOT-MIX ASPHALT BASE COURSE	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	AGGREGATE SHOULDERS, TYPE B 8"	AGGREGATE WEDGE SHOULDER, TYPE B	HOT-MIX ASPHALT SHOULDERS, 8"
STATION TO	STATION		SQ YD	TON	TON	GALLON	TON	TON	TON	TON	SQ YD	TON	SQ YD
F.A.S. RTE. 258 (C.H. 2)													
36+78.29	TO	37+38.29	80	3	7	21	1	1			14		54
37+38.29	TO	38+57.54	165	6	47	91	2	28			27		106
38+57.54	TO	41+79.19	558	14	302	340	6	76			73		286
41+79.19	TO	44+30.05	845	11	246	354		60			58		224
44+30.05	TO	49+31.24	2228	22	631	898		143			138		446
49+31.24	TO	49+88.00	432	3	132	188		30			30		52
50+11.59	TO	50+72.86	454	3	141	200		32			31		56
50+72.86	TO	55+84.05	2216	22	622	886		142			136		448
55+84.05	TO	58+38.02	977	11	264	376		60			58		226
58+38.02	TO	61+67.40	758	15	386	365	6	78			75		294
61+67.40	TO	62+95.65	179	6	48	97	2	31			29		114
62+95.65	TO	63+55.65	77	3	9	20	1	1			13		54
U.S. RTE. 52 (N. 38TH RD.)													
97+50.00	TO	102+50.00				107	3		112				74
TOTAL			8969	119	2835	3943	21	682	112	682	2368	74	2366

TEMPORARY EROSION CONTROL SEEDING						
STATION +/- TO	STATION +/-	SIDE	POUNDS PER APPLICATION PER ACRE	NUMBER OF APPLICATIONS	TOTAL POUND	MULCH, METHOD 2 ACRE
F.A.S. RTE. 258 (C.H. 2)						
STAGE 1 TEMPORARY DITCHES						
47+50	TO	53+00	100.0	4	52	0.13
FINAL DITCHES						
37+00	TO	63+50	100.0	4	840	2.10
TOTAL					892	2.3

NOTES: MULCH, METHOD 2 IS USED FOR TEMPORARY MULCHING, ONLY ONE APPLICATION OF MULCHING HAS BEEN INCLUDED. TEMPORARY EROSION CONTROL SEEDING SHALL BE CLASS 7 SEEDING.

TEMPORARY PAVEMENT FOR STAGE 1					
LOCATION		AGGREGATE BASE COURSE, TYPE A, 4"	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70
STATION TO	STATION	SQ YD	GALLON	TON	
F.A.S. RTE. 258 (C.H. 2)					
47+22.2	TO	49+88.0	356.3	26.1	77.3
50+12.0	TO	53+14.0	413.3	30.3	89.7
TOTAL			770	57	167

FILE NAME = V:\2844\2844q002.dgn	USER NAME = bdecreene	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1:8000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/21/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE. 258 (C.H. 2) & U.S. RTE. 52 (N. 38TH RD.)
SCHEDULES OF QUANTITIES

SCALE: N/A SHEET NO. 1 OF 3 SHEETS STA. N/A TO STA. N/A

F.A.S. RTE. 258	SECTION 11-00325-00-SP	COUNTY LA SALLE	TOTAL SHEETS 84	SHEET NO. 14
CONTRACT NO. 87479			ILLINOIS FED. AID PROJECT	