

EARTHWORK SUMMARY							
LOCATION	EARTH EXCAVATION	ADDITIONAL EXCAVATION	SHRINKAGE FACTOR	% USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE(25%)	EMBANKMENT REQUIRED	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CUBIC YARD	CUBIC YARD			CUBIC YARD	CUBIC YARD	CUBIC YARD
FAS 2881 RALEIGH RD							
STAGE I							
STA. 128+00.00 TO STA. 130+88.95	89		25.00%	100.00%	67	71	-4
STA. 131+43.04 TO STA. 134+60.00	170		25.00%	100.00%	128	75	53
STAGE II							
STA. 128+00.00 TO STA. 130+88.95	15		25.00%	100.00%	11	52	-41
STA. 131+43.04 TO STA. 134+60.00	20		25.00%	100.00%	15	41	-26
CHANNEL EXCAVATION							
		330	25.00%	10.00%	25	0.0	25
	294	330			246	239	7

WASTE = 7 CU.YD.

GUARDRAIL									
	GUARDRAIL REMOVAL	VERTICAL ADJUSTMENT OF GUARD RAIL	TEMPORARY TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)	STEEL PLATE BEAM GUARDRAIL TYPE A	TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL (TANGENT)	TRAFFIC BARRIER TERMINAL TYPE 6	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL MARKERS
	FOOT	FOOT	EACH	EACH	FOOT	EACH	EACH	EACH	EACH
STAGE I									
LT. STA. 130+39.5 TO LT. STA. 130+89.5			1					1	
LT. STA. 130+64.5 TO LT. STA. 130+89.5	25								
LT. STA. 130+89.5 TO LT. STA. 131+02.5		13							
LT. STA. 131+28 TO LT. STA. 131+65		37							
LT. STA. 131+65 TO LT. STA. 131+90	25								
LT. STA. 131+65 TO LT. STA. 132+15			1					1	
RT. STA. 128+83.10 TO RT. STA. 130+88.75	62				112.5	1	1	1	4
RT. STA. 131+43.25 TO RT. STA. 132+73.90	38				37.5	1	1	1	3
STAGE II									
LT. STA. 129+58.10 TO LT. STA. 130+88.75	12			1	37.5		1		3
LT. STA. 131+43.25 TO LT. STA. 133+48.90	38			1	112.5		1		4
TOTAL									
	200	50	2	2	300	2	4	4	14

EROSION CONTROL BLANKET	
LOCATION	SQ YD
FAS 2881 RALEIGH RD	
STAGE I	
RT STA 130+50.00 TO RT STA 130+78.00	28
RT STA 131+50.00 TO RT STA 132+70000	100
STAGE II	
LT STA 129+50.00 TO LT STA 130+78.00	110
LT STA 131+50.00 TO RT STA 133+50.00	64
TOTAL	
	302

TREE REMOVAL		
LOCATION	6-15 UNITS DIAMETER	OVER 15 UNITS DIAMETER
FAS 2881 RALEIGH RD		
31' LT. STA.130+66	6	
33' LT. STA.130+78	8	
37' LT. STA.131+65	12	
29' LT. STA.130+90		30
27' LT. STA.131+44		30
27' LT. STA.133+58		16
TOTAL		
	26	76

SEEDING								
LOCATION	SEEDING CLASS 2A SPECIAL	SEEDING CLASS 7	TEMPORARY EROSION CONTROL SEEDING *	NITROGEN FERTILIZER NUTRIENT**	PHOSPHORUS FERTILIZER NUTRIENT 90 LBS/ACRE	POTASSIUM FERTILIZER NUTRIENT 90 LBS/ACRE	AGRICULTURAL GROUND LIMESTONE 2 TONS/ACRE	MULCH METHOD 2
	ACRE	ACRE	LBS	LBS	LBS	LBS	TONS	ACRE
FAS 2881 RALEIGH RD								
STAGE I								
RT STA 128+00 TO RT 130+88	0.13	0.13	52	17	12	12	0.26	0.260
RT STA 131+44 TO RT 134+60	0.25	0.25	102	33	23	23	0.50	0.500
STAGE II								
LT STA 128+00 TO LT 130+88	0.14	0.14	55	18	13	13	0.28	0.280
LT STA 131+44 TO LT 134+60	0.14	0.14	55	18	13	13	0.28	0.280
TOTAL								
	0.66	0.66	264	86	61	61	1.32	1.32

* 100 LBS/ACRE FOR 4 APPLICATIONS

** 90 LBS/ACRE FOR SEEDING CLASS 2A AND 40 LBS/ACRE FOR SEEDING CLASS 7

PERIMETER EROSION BARRIER	
LOCATION	FOOT
FAP 885 IL RTE 146	
STAGE I	
RT. STA. 128+00 TO RT. STA. 130+95	295
LT. STA. 128+00 TO LT. STA. 130+95	295
RT. STA. 131+44 TO RT. STA. 134+00	256
LT. STA. 131+44 TO LT. STA. 134+60	316
TOTAL	
	1162

FILE NAME = 080045-sh1-sched1.dgn

USER NAME =

DESIGNED - L.F.S.

REVISED -

DRAWN - D.T.M.

REVISED -

PLOT SCALE =

CHECKED - S.W.M.

REVISED -

PLOT DATE = 9/12/2008

DATE - 09/11/08

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HLR HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
SCALE: SHEET NO. 1 OF 1 SHEETS

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2881	30B-1	SALINE	45	7
CONTRACT NO. 98533			FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT	