

EARTH EXCAVATION SCHEDULE							
LOCATION STATION TO STATION	1	2	3	4	5	6	7
	TOPSOIL ADJUSTMENT	4" TOPSOIL	THEORETICAL	FURNISHED	CHANNEL		
	4" CUT	4" FILL	PLACEMENT	CUT	FILL	EXCAVATION	EXCAVATION
	CU YD	SO YD		CU YD			
PRE-STAGE I							
FAP 310 (US 67)							
140+50 150+63	0	0	0	178	403	270	
154+42 167+00	0	0	0	242	296	115	
SUBTOTAL PRE-STAGE I	0	0	0	420	699	384	0
STAGE I							
FAP 310 (US 67) SBLN							
147+20 153+04	18	73	819	354	983	718	
SN 055-0081							387
154+23 159+45	22	120	1339	210	1022	865	
TR 1750N							
1+05 3+75	66	79	1305	291	598	380	
DITCH							
0+00 0+85	10	37	423	182	272	136	
SUBTOTAL STAGE I	116	315	3879	1037	2875	2097	387
STAGE II							
FAP 310 (US 67) NBLN							
147+20 152+38	16	194	1890	222	841	675	
SN 055-0080							1649
153+56 159+45	81	113	1746	424	1903	1585	
PRIVATE DRIVE 151							
18+25 19+50	4	42	414	26	139	120	
SUBTOTAL STAGE II	101	349	4050	672	2883	2379	1649
STAGE III							
FAP 310 (US 67)							
140+50 147+20	157	17	1566	507	2	(378)	
159+45 167+00	124	5	1161	439	13	(316)	
SUBTOTAL STAGE III	281	22	2727	946	15	(695)	0
TOTAL	498	686	10656	3075	6472	4166	2036

EARTHWORK NOTES:

A MASS DIAGRAM FOR THE EARTHWORK IS NOT INCLUDED IN THESE PLANS AND WILL NOT BE AVAILABLE TO THE CONTRACTOR UPON REQUEST. THE EARTHWORK SCHEDULE HAS BEEN INCLUDED IN THESE PLANS TO TAKE THE PLACE OF THE NEED FOR A MASS DIAGRAM. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE REQUIRED HAUL DISTANCES AND QUANTITIES FROM THE INFORMATION SHOWN.

THE QUANTITIES SHOWN IN THE SCHEDULE INCLUDE ALL MAINLINE, SIDEROAD, AND ENTRANCE QUANTITIES IN EACH SPECIFIED AREA.

TOPSOIL FURNISH AND PLACE, 4" SHALL BE CONSIDERED AS MATERIAL OBTAINED FROM OUTSIDE THE RIGHT-OF-WAY AND WILL BE MEASURED FOR PAYMENT IN SQUARE YARDS ACCORDING TO ARTICLE 211.07 OF THE STANDARD SPECIFICATIONS. EXCAVATION AND EMBANKMENT QUANTITIES HAVE BEEN COMPUTED ON THE BASIS OF CUT AND FILL TO THE SUBGRADE (BOTTOM) OF THE TOPSOIL.

SUITABLE EXCAVATED MATERIAL FOR RIPRAP PLACEMENT CAN BE USED AS FURNISHED EXCAVATION. THIS MATERIAL IS NOT INCLUDED IN THE SCHEDULE.

QUANTITIES FOR THE DEGRADING OF EXISTING CONDITIONS HAVE BEEN INCLUDED IN THE APPROXIMATE STATION RANGE WHERE SUCH DEGRADING TAKES PLACE.

A SHRINKAGE FACTOR OF 25% WAS USED TO DETERMINE THE FURNISHED EXCAVATION QUANTITY.

COLUMN 3 = (COLUMN 1 + COLUMN 2) x 9
COLUMN 6 = COLUMN 5 - (COLUMN 4 x 0.75)

EARTHWORK QUANTITIES:

TOPSOIL FURNISH AND PLACE, 4" = COLUMN 3 = 10,656 SO YD
EARTH EXCAVATION = COLUMN 4 = 3,075 CU YD
FURNISHED EXCAVATION = COLUMN 6 = 4,165 CU YD
CHANNEL EXCAVATION = COLUMN 7 = 2,036 CU YD

TREE REMOVAL (UNITS DIA.)		
STATION	SIDE	UNIT
FAP 310 (US 67) NBLN		
150+07.4	LT	6
150+07.4	LT	6
150+07.4	LT	6
150+07.4	LT	7
TOTAL		25

SEEDING SCHEDULE										
STATION TO STATION	SIDE	AVERAGE WIDTH	SEEDING CLASS 2	FERTILIZER NUTRIENTS			MULCH METHOD 2	AGRICULTURAL LIMESTONE	USE	
				ACRE	NITROGEN POUND	PHOSPHORUS POUND				POTASSIUM POUND
FAP 310 (US 67)										
140+50.0 147+20.0	MEDIAN	30.0	0.46	41.5	41.5	41.5	0.46		0.9	
147+20.0 150+77.0	MEDIAN	30.0	0.25	22.1	22.1	22.1	0.25		0.5	
151+78.0 152+60.0	MEDIAN	14.0	0.03	2.4	2.4	2.4	0.03		0.1	
157+50.0 159+45.0	MEDIAN	25.0	0.11	10.1	10.1	10.1	0.11		0.2	
159+45.0 166+50.0	MEDIAN	30.0	0.50	45.0	45.0	45.0	0.50		1.0	
FAP 310 (US 67) SBLN										
147+20.0 TR 1750N	RT	VARIES	0.29	26.2	26.2	26.2	0.29		0.6	
TR 1750N 153+40.0	RT	VARIES	0.29	26.1	26.1	26.1	0.29		0.6	
154+45.0 159+45.0	RT	VARIES	0.30	27.2	27.2	27.2	0.30		0.6	
FAP 310 (US 67) NBLN										
147+20.0 P.D. 151	LT	VARIES	0.33	29.7	29.7	29.7	0.33		0.7	
P.D. 151 152+15.0	LT	VARIES	0.15	13.2	13.2	13.2	0.15		0.3	
153+25.0 159+45.0	LT	VARIES	0.49	44.5	44.5	44.5	0.49		1.0	
TOTALS			3.20	287.8	287.8	287.8	3.20		6.4	
USE			3.25	290.0	290.0	290.0	3.25		7	

NOTE: SEEDING MEASURED TO LIMITS OF ROW. ENGINEER TO ADJUST AS NEEDED.

TRAFFIC CONTROL SCHEDULE		
ITEM	UNIT	TOTAL
TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

RIPRAP SCHEDULE						
STATION TO STATION	SIDE	WIDTH	STONE DUMPED CLASS A4	STONE DUMPED CLASS A3	FILTER FABRIC	USE
FAP 310 (US 67)						
147+18 150+21	LT	11.0	246.9			370.3
151+01 152+18	LT	11.0	97.8			146.7
152+55 155+00	LT	11.0	199.6			299.4
154+02 156+95	MEDIAN	VARIES		159.8		
152+85 153+15	RT	15.0	33.3			50.0
TR 1750N						
2+15 2+65	LT	VARIES	120.0			180.0
TOTALS			697.6	159.8		1046.5
USE			698	160		1047

NOTE: SEE STRUCTURE PLANS FOR ADDITIONAL FILTER FABRIC AND STONE DUMPED RIPRAP, CLASS A4 QUANTITIES.

MISCELLANEOUS CONTRACT ITEMS SCHEDULE		
ITEM	UNIT	TOTAL
ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18
ENGINEER'S FIELD LABORATORY	CAL MO	18
MOBILIZATION	L SUM	1
CONSTRUCTION LAYOUT	L SUM	1

MOWING		
STATION TO STATION	SIDE	UNIT
FAP 310 (US 67)		
147+20 159+45	LT & RT	24.5
TOTAL		24.5

TREE REMOVAL, ACRES				
STATION TO STATION	SIDE	WIDTH	ACRE	USE
FAP 310 (US 67) NBLN				
151+85 153+60	LT	10	0.04	
TOTAL			0.04	
USE			0.1	

EROSION CONTROL BLANKET				
STATION TO STATION	SIDE	AVERAGE WIDTH	SO YD	USE
FAP 310 (US 67) SBLN				
152+15 153+15	RT	22.6	76	
155+00 156+00	RT	29.7	330	
TOTAL			406	

EROSION CONTROL SCHEDULE		
ITEM	UNIT	TOTAL
TEMPORARY EROSION CONTROL SEEDING	POUND	650
PERIMETER EROSION BARRIER	FOOT	1060
INLET AND PIPE PROTECTION	EACH	5
AGGREGATE DITCH CHECKS	TON	80

THE SCHEDULE FOR EROSION CONTROL IS AN ESTIMATED QUANTITY. IT MAY BE REDUCED, INCREASED, OR DELETED BY THE ENGINEER BASED ON ACTUAL FIELD CONDITIONS. NO WORK INVOLVING THIS ESTIMATED QUANTITY SHALL BE PERFORMED WITHOUT THE DIRECTION AND APPROVAL OF THE ENGINEER.

FILE NAME =	USER NAME = srb	DESIGNED -	REVISED -
p:\07files\070285\phase2\cadd sheets\0458691-sh1-schedules.dgn		DRAWN -	REVISED -
PLOT SCALE = 1/8" = 1' / 1/4"		CHECKED -	REVISED -
PLOT DATE = 12/7/2011		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: none SHEET NO. 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE. 310	SECTION (388-2)BR	COUNTY MCDONOUGH	TOTAL SHEETS 130	SHEET NO. 13
CONTRACT NO. 68691				ILLINOIS FED. AID PROJECT