

ROUTE NO.	SECTION	COUNTY	TOWNSHIP	SHEET
FAP 313	(7BY)BR	HENDERSON	68	9
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

EARTHWORK SCHEDULE											
LOCATION	EARTH EXCAVATION CU.YD.	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE CU.YD.	EMBANKMENT REQUIRED CU.YD.	EARTHWORK BALANCE		FURNISHED EXCAVATION CU.YD.	CHANNEL EXCAVATION CU.YD.	POROUS GRANULAR EMBANKMENT SPECIAL @ STRUCTURE CU.YD.	FURNISH AND PLACE TOPSOIL 4" SQ.YD.
						RUNAROUND CU.YD.	MAINLINE CU.YD.				
RUNAROUND	554.0	25.00%	100.00%	416	6222.0	-5806		5806	62		
MAINLINE				0		0	0			201	9220
PRIOR TO RUNAROUND REMOVAL	114.0	25.00%	100.00%	86	2024.0		-1938	1938	371		
FINAL	7193.0	25.00%	100.00%	5395	3129.0		2266				
TOTAL	7861.0			5897	11375.0	-5806	328	7744	433	201	9220

* THE SEQUENCE OF CONSTRUCTION WILL NOT ALLOW FINAL EARTH EXCAVATION TO BE USED IN EMBANKMENT PRIOR TO RUNAROUND REMOVAL. THEREFORE, THE QUANTITY FOR FURNISHED EXCAVATION = 5,806 + 1,938 = 7,744 CU YD
SHRINKAGE FACTOR: EARTH EXCAVATION = 25%

NOTES:

1. RUNAROUND TO BE CONSTRUCTED BEFORE MAINLINE CONSTRUCTION BEGINS. NO EXCAVATION FROM MAINLINE TO BE USED FOR RUNAROUND.
2. MAINLINE BALANCE BASED ON PLACING A PORTION OF EMBANKMENT ON MAINLINE WITH MATERIAL FROM EARTH EXCAVATION DURING RUNAROUND REMOVAL.

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	
LOCATION	QUANTITY
	EACH
74.86' RT. STA. 299+76.22	1
76.42' RT. STA. 302+07.38	1
76.28' RT. STA. 303+88.52	1
61.37' RT. STA. 305+41.36	1
TOTAL	4

CULVERT SCHEDULE			
LOCATION	PIPE CULVERTS		END SECTIONS
	TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE	CLASS D, TYPE 1 (TEMPORARY)	
	15" FOOT	15" FOOT	15" EACH
MAINLINE			
RT. STA. 304+25	48		2
RT. STA. 305+41	48		2
RUNAROUND			
RT. STA. 104+36		42	
RT. STA. 105+68		50	
TOTAL	96	92	4

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 648-3400

HLR

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-44-0001-X DATE: 08/07/07
DESIGNED: W.D.G. CHECKED: L.F.S. DRAWN: W.J.S.

SCHEDULE OF QUANTITIES

U.S. 34 OVER P.D. CREEK
F.A.P. 313 / SECTION (7BY)BR
HENDERSON COUNTY
STRUCTURE NO. 036-0052 / STATION 301+23