

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL CONSTRUCTION TYPE CODE 0011
20100500	TREE REMOVAL, ACRES	ACRE	0.1
20200100	EARTH EXCAVATION	CU YD	80
20300100	CHANNEL EXCAVATION	CU YD	120
20400800	FURNISHED EXCAVATION	CU YD	275
28000305	TEMPORARY DITCH CHECKS	FOOT	10
28000400	PERIMETER EROSION BARRIER	FOOT	150
28100707	STONE DUMPED RIPRAP, CLASS A4	SQ YD	180
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	259
50100130	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	23.8
50300280	CONCRETE ENCASEMENT	CU YD	2.8
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1218
50800105	REINFORCEMENT BARS	POUND	2340
* 50900205	STEEL RAILING, TYPE S1	FOOT	113
51201400	FURNISHING STEEL PILES HP10X42	FOOT	360
51202305	DRIVING PILES	FOOT	360
51500100	NAME PLATES	EACH	1
67100100	MOBILIZATION	L SUM	1
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
^ X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.2

^ SEE SPECIAL PROVISIONS  
\* SPECIALTY ITEMS

EARTHWORK SCHEDULE							
LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	CU.YD.	CU.YD.			CU.YD.	CU.YD.	CU.YD.
TR 85							
STA 8+10 TO STA 9+70.34	25		25.00%	100.00%	19	139	-120
STA 9+70.34 TO STA 10+29.66	0		25.00%	100.00%	0	0	0
STA 10+29.66 TO STA 12+10	52		25.00%	100.00%	39	254	-215
CHANNEL EXCAVATION		120	25.00%	70.00%	63	0	63
TOTAL	77	120			121	393	-272
USE	80	120					-275

20400800 FURNISHED EXCAVATION = 275 CU YDS

### GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012." THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL CLEARING AND GRUBBING, FENCE REMOVAL AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE REMOVAL OF THE EXISTING BITUMINOUS SURFACE WILL BE PAID FOR AS EARTH EXCAVATION. ALL BITUMINOUS MATERIAL SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN A METHOD APPROVED BY THE ENGINEER. PROPER DISPOSAL OF BITUMINOUS MATERIAL SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE LOCATION OF EXISTING GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATIONS AND THE BEST INFORMATION AVAILABLE. BUT THE LOCATIONS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:  
AGGREGATE SURFACE COURSE 2.05 TON/CU YD  
STONE RIPRAP, CLASS A4 (SPECIAL) 1.75 TON/CU YD
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.  
**ESTIMATED QUANTITY: SEEDING, CLASS 2 (SPECIAL) = 0.2 ACRES**
- TREES WITHIN THE RIGHT-OF-WAY WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER. THE AREA DESIGNATED FOR REMOVAL SHALL BE MARKED AND MEASURED FOR PAYMENT BY THE ENGINEER BEFORE REMOVAL.  
**ESTIMATED QUANTITY: TREE REMOVAL, ACRES = 0.1 ACRES**
- TREE REMOVAL SHALL NOT BE CONDUCTED DURING THE PERIOD FROM APRIL 1 THROUGH SEPTEMBER 30.
- THERE SHALL BE NO INTENTIONAL OR MALICIOUS HARMING OF ANY WILDLIFE SPECIES, INCLUDING SNAKES, DURING THE CONSTRUCTION WORK.

PERIMETER EROSION BARRIER	
LOCATION	PERIMETER EROSION BARRIER 28000400 FOOT
7' LT. STA 7+00 TO 5' LT. STA 7+60	60
5' LT. STA 7+60 TO 7' LT. STA 8+10	50
7' LT. STA 8+10 TO 10' LT. STA 8+50	40
TOTAL	150

FILE NAME # 110138-ehf-sumorg.dgn	USER NAME #	DESIGNED - J.W.F.	REVISED -	STATE OF ILLINOIS JOHNSON COUNTY HIGHWAY DEPARTMENT	SUMMARY OF QUANTITIES AND GENERAL NOTES T.R. 85 / DOUBLE BRIDGES LANE	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
HAMPTON, LENZINI AND RENWICK, INC. 3005 STEVENSON DRIVE, SUITE 201 CHICAGO, ILLINOIS 60631	PLOT SCALE =	DRAWN - D.A.B.	REVISED -			85	10-01218-00-BR	JOHNSON	19	2	
ILLINOIS PROFESSIONAL DESIGN FIRM L.S. # 01-00000000	PLOT DATE = 10/29/2012	CHECKED - M.G.B.	REVISED -			COUNTY UNIT ROAD DISTRICT	CONTRACT NO. 99476	ILLINOIS FEDERAL AID PROJECT			
		DATE - 10/29/12	REVISED -			SCALE:	SHEET NO. : OF 1 SHEETS	STA.	TO STA.		