

SUMMARY OF QUANTITIES			
CODE NO.	ITEM	UNIT	TOTAL CONSTRUCTION TYPE CODE 0011
20200100	EARTH EXCAVATION	CU YD	230
20300100	CHANNEL EXCAVATION	CU YD	75
20400500	FURNISHED EXCAVATION	CU YD	160
28000305	TEMPORARY DITCH CHECKS	FOOT	55
28000500	INLET AND PIPE PROTECTION	EACH	2
28100207	STONE DUMPED RIPRAP, CLASS A4	TON	130
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	515
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	65
50300225	CONCRETE STRUCTURES	CU YD	23.6
50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ. FT.	1,215
50800105	REINFORCEMENT BARS	POUND	2,530
50900205	STEEL RAILING, TYPE S1	FOOT	88
51201400	FURNISHING STEEL PILES HP10X42	FOOT	270
51202305	DRIVING PILES	FOOT	270
51203400	TEST PILE STEEL HP10X42	EACH	2
51204650	PILE SHOES	EACH	6
51500100	NAME PLATES	EACH	1
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	80
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	48
60100925	PIPE DRAINS 8"	FOOT	10
60100945	PIPE DRAINS 12"	FOOT	10
67100100	MOBILIZATION	L.SUM.	1
70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L.SUM.	1
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
Z0013798	CONSTRUCTION LAYOUT	L.SUM.	1
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4
XX004566	CONCRETE CUT-OFF WALL	CU YD	6.4

^ SEE SPECIAL PROVISIONS
 Δ SPECIALTY ITEMS

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.
- THE REVISION NUMBERS OF THE STANDARDS LISTED IN THE PLANS ARE TO BE USED FOR CONSTRUCTING OF THIS SECTION.
- ALL CLEARING AND GRUBBING, FENCE REMOVAL AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 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 1.80 TON/CU YD
 STONE RIPRAP 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) = 0.4 ACRES

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	20200100 CU.YD.	20300100 CU.YD.			CU.YD.	CU.YD.	CU.YD.
TR 131 / 2800 N							
STA 7+50 TO STA 9+76.83	108		25.00%	100.00%	81	160	-79
STA 9+76.83 TO STA 10+23.17		75	25.00%	70.00%	39	0	39
STA 10+23.17 TO STA 12+20	120		25.00%	100.00%	90	233	-143
STRUCTURE EXCAVATION		65	25.00%	70.00%	34	0	34
ENTRANCE EMBANKMENT						11	-11
TOTAL	228				244	404	-160
USE	230	75					160

FURNISHED EXCAVATION 160 CU YDS

TEMPORARY DITCH CHECKS

LOCATION	TEMPORARY DITCH CHECKS	INLET AND PIPE PROTECTION
	28000305 FOOT	28000500 EACH
TR 131 / 2800 N		
RT. STA 8+80	11	
LT. STA 8+80	11	
RT. STA 9+70	11	
LT. STA 9+70	11	
RT. STA 10+25	11	
LT. STA 10+60		1
LT. STA 11+67		1
TOTAL	55	2

ROADWAY SCHEDULE

LOCATION	AGGREGATE SURFACE COURSE TYPE B 12"	AGGREGATE SURFACE COURSE TYPE B 6"
	40200800 TON	40200800 TON
TR 131 / 2800 N		
STA 7+50 TO STA 8+00	53.3	
STA 8+00 TO STA 9+76.83	212.2	
STA 10+23.17 TO STA 11+70	176.2	
STA 11+70 TO STA 12+20	53.3	
F.E. STA 11+52		19.4
TOTAL	495.1	19.4
USE	495	20

FILE NAME = 110215-sh1-summary.dgn	USER NAME =	DESIGNED - J.W.F.	REVISED -
HAMPTON LENZINI AND RENWICK, INC. 338 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703	PLLOT SCALE =	DRAWN - D.A.B.	REVISED -
HLR ILLINOIS PROFESSIONAL DESIGN FIRM 10 / 16 / 58 / 0000 / 04/00000	PLLOT DATE = 4/1/2013	CHECKED - S.W.M.	REVISED -
		DATE - 02/26/13	REVISED -

STATE OF ILLINOIS
 VERMILION COUNTY HIGHWAY DEPARTMENT

SUMMARY OF QUANTITIES & GENERAL NOTES
 2800N ROAD

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
131	10-15145-00-BR	VERMILION	20	2
PILOT ROAD DISTRICT		CONTRACT NO. 91477		
[ILLINOIS] FED. AID PROJECT				

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.