TYPE CODE			SUMMARY OF QUANTITIES	······			
20200100 EARTH EXCAVATION		CODE NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE		
20400500 FURNISHED EXCAVATION CU YO 160 28000305 TEMPORARY DITCH CHECKS FOOT 55 28000500 INLET AND PIPE PROTECTION EACH 2 A 28100207 STONE DUMPED RIPRAP, CLASS AA TON 130 A 40200600 AGGREGATE SURFACE COURSE, TYPE B TON 515 50190100 REMOVAL OF EXISTING STRUCTURES EACH 1 50200100 STRUCTURE EXCAVATION CU YD 65 50300225 CONCRETE STRUCTURES CU YD 23.6 50400306 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 HPIDX42 FOOT 270 51202305 DRMING PILES FOOT 270 51203400 TEST PILE STEEL HPIDX42 EACH 2 51204650 PILE SHOES EACH 1 64200220		20200100	EARTH EXCAVATION	CU YD	1		
28000306 TEMPORARY DITCH CHECKS 28000500 INLET AND PIPE PROTECTION A 28100207 ST ONE DUMPED RIPRAP, CLASS A4 A 0200800 AGGREGATE SURFACE COURSE, TYPE B TON 515 50130100 REMOVAL OF EXISTING STRUCTURES EACH 1 50200100 STRUCTURE EXCAVATION CU YD 65 50300225 CONCRETE STRUCTURES 50400308 PRECAST PRESTRESSED CONCRETE DECK BEAMS (17*DEPTH) SQ FT 1,215 50800105 REINFORCEMENT BARS POUND 2,530 ∆ 50900205 STEEL RAILING, TYPE S1 51201400 FURNISHING STEEL PILES HP10X42 FOOT: 88 51201400 FURNISHING STEEL PILES HP10X42 FOOT: 270 51202305 DRIMING PILES FOOT: 270 51203400 TEST PILE STEEL HP10X42 EACH 2 61204650 PILE SHOES EACH 6 63000100 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 601009225 PIPE DRAINS 12* FOOT: 10 67100100 MOBILIZATION TO101830 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 L SUM: 1		20300100	CHANNEL EXCAVATION	CU YD	75		
28300500 INLET AND PIPE PROTECTION EACH 2 A 28100207 ST ONE DUMPED RIPRAP, CLASS A4 TON 130 A 40200800 AGGREGATE SURFACE COURSE, TYPE B TON 515 50130100 REMOVAL OF EXISTING STRUCTURES EACH 1 50200100 STRUCTURE EXCAVATION CUYD 65 50300225 CONCRETE STRUCTURES CUYD 23.6 50400305 PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH) SO FT 1.215 50800105 REINFORCEMENT BARS POUND 2,530 △ 50500205 STEEL RAILING, TYPE S1 FOOT 88 51201400 FURNISHING STEEL PILES HP10X42 FOOT 270 51202305 DRMING PILES FOOT 270 51203400 TEST PILE STEEL HP10X42 EACH 2 61204650 PILE SHOES EACH 1 542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15" FOOT 86 659300100 CONTROLLED LOW-STRENGTH MATERIAL CU YO 46 60100945 PIPE DRAINS 12" FOOT 10 60100945 PIPE DRAINS 12" FOOT 10 70101830 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 L SUM. 1		20400800	FURNISHED EXCAVATION	CU YD	160		
A 28100207 STONE DUMPED RIPRAP, CLASS A4 TON 130 A 40200800 AGGREGATE SURFACE COURSE, TYPE B TON 515 50130100 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 REIN-FORCEMENT BARS POUNB 2,530 Δ 50900205 STEEL RAILING, TYPE S1 FOOT 88 51201400 FURNISHING STEEL PILES HP10X42 FOOT 270 51202305 DRIMING PILES FEEL HP10X42 EACH 2 51204650 PILE SHOES EACH 1 54200220 PIPE CULVERTS, CLASS D, TYPE 1 15* FOOT 80 59300100 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 60100925 PIPE DRAINS 8* FOOT 10 60100945 PIPE DRAINS 12* FOOT 10 70101830 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 L SUM* 1		28000305	TEMPORARY DITCH CHECKS	FOOT	55		
A 40200800 AGGREGATE SURFACE COURSE, TYPE B TON 515 50100100 REMOVAL OF EXISTING STRUCTURES EACH 1 50200100 STRUCTURE EXCAVATION CU VD 65 50300225 CONCRETE STRUCTURES CU VD 23.6 50400305 PRECAST PRESTRESSED CONCRETE DECK BEAMS (17*DEPTH) SQ.FT 1,215 50800105 REINFORCEMENT BARS POUND 2.530 △ 50900225 STEEL RAILING, TYPE S1 FOOT 88 51201400 FURNISHING STEEL PILES HP10X42 FOOT 270 51202305 DRIMING PILES FEEL HP10X42 EACH 2 51204650 PILE STEEL HP10X42 EACH 8 51500100 NAME PLATES EACH 1 54200220 PIPE CULVERTS, CLASS D, TYPE 1 15" FOOT 80 601009425 PIPE DRAINS 8" FOOT 10 60100945 PIPE DRAINS 12" FOOT 10 70101830 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 L SUM 1		28000500	INLET AND PIPE PROTECTION	EACH	2		
S0100100 REMOVAL OF EXISTING STRUCTURES EACH 1	Λ	2810 02<i>0</i>7	STONE DUMPED RIPRAP, CLASS A4	TON	130		
50200100 STRUCTURE EXCAVATION CU YD 65	۸	40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	515		
50300225 CONCRETE STRUCTURES CU YD 23.6		50100100	REMOVAL OF EXISTING STRUCTURES	EACH:	1		
50400306 PRECAST PRESTRESSED CONCRETE DECK BEAMS (17* DEPTH) SQ FT 1,215		50200100	STRUCTURE EXCAVATION	CUYD	65		
50800105 REINFÖRCEMENT BARS POUND 2,530		50300225	CONCRETE STRUCTURES	CUYD	23.6		
∆ 50900205 STEEL RAILING, TYPE S1 FOOT; 88 51201400 FURNISHING STEEL PILES HP10X42 FOOT; 270 51202305 DRIMING PILES FOOT; 270 51203400 TEST PILE STEEL HP10X42 EACH 2 51204650 PILE SHOES EACH 8 51500100 NAME PLATES EACH 1 542D0220 PIPE CULVERTS, CLASS D, TYPE 115" FOOT 80 59300100 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 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		50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17* DEPTH)	SQFT	1,215		
51201400 FURNISHING STEEL PILES HP10X42 FOOT: 270 51202305 DRIMING PILES FOOT: 270 51203400 TEST PILE STEEL HP10X42 EACH 2 51204650 PILE SHOES EACH 8 51500100 NAME PLATES EACH 1 54200220 PIPE CULVERTS, CLASS D, TYPE 1 15" FOOT 80 59300100 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 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		50800105	REINFORCEMENT BARS	POUND	2,530		
51202305 DRIMING PILES FOOT: 270 51203400 TEST PILE STEEL HP10X42 EACH 2 51204650 PILE SHOES EACH 8 51500100 NAME PLATES EACH 1 542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15" FOOT 80 59300100 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 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	Δ	50900205	STEEL RAILING, TYPE S1	FOOT	88		
51203400 TEST PILE STEEL HP10X42 EACH 2 51204650 PILE SHOES EACH 8 51500100 NAME PLATES EACH 1 542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15" FOOT 80 59300109 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 601009.25 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		51201400	FURNISHING STEEL PILES HP10X42	FOOT	270		
51204650 PILE SHOES EACH 8 51500100 NAME PLATES EACH 1 642D0220 PIPE CULVERTS, CLASS D, TYPE 1 15" FOOT 80 59300100 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 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		51202305	DRIVING PILES	FOCT	270		
51500100 NAME PLATES EACH 1 542D0220 PIPE CULVERTS, CLASS D, TYPE 1 15" FOOT 80 59300100 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 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		51203400	TEST PILE STEEL HP10X42	EACH	2		
642D0220 PIPE CULVERTS, CLASS D, TYPE 1 15" FOOT 80 59300100 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 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	!	51204650	PILE SHOES	EACH	8		
59300100 CONTROLLED LOW-STRENGTH MATERIAL CU YD 46 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		51500100	NAME PLATES	EACH	1		
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		542D0220	PIPE CULVERTS, CLASS D. TYPE 1 15"	FOOT	80		
60100945 PIPE DRAINS 12" FOOT 10 67100100 MOBILIZATION LSUM 1 70101830 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 LSUM 1		59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU.YO	46		
67100100 MOBILIZATION L SUM: 1 70101830 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 L SUM: 1		601009 25	PIPE DRAINS 8"	FOOT	10		
70101830 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 L SUM: 1		60100945	PIPE DRAINS 12"	FOOT	10		
TOTAL OF THE CONTROL AND MOTEOTON, STANDARD SER 21 L 56M.		67100100	MOBILIZATION	LSUM	1		
78201000 TERMINAL MARKER - DIREC'T APPLIED EACH 4	,	70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	LSUM	1		
		78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		
Z0013798 CONSTRUCTION LAYOUT LSUM: 1		Z0013798	CONSTRUCTION LAYOUT	LSUM	1		
X2501000 SEEDING, CLASS 2 (SPECIAL) ACRE 0.4		X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.4		
XX004566 CONCRETE CUT-OFF WALL CUYD 6.4		XX004566	CONCRETE CUT-OFF WALL	CU YD .	6.4		

A SEE SPECIAL PROVISIONS

GENERAL NOTES

- 1. 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.
- 2. THE REVISION NUMBERS OF THE STANDARDS LISTED IN THE PLANS ARE TO BE USED FOR CONSTRUCTING OF THIS SECTION.
- 3. ALL CLEARING AND GRUBBING, FENCE REMOVAL AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF
- 4. 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 CONTRACTORS RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE INDIVIDUAL UTILITY COMPANIES AND BY FIELD INSPECTION.
- 5: 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.
- 6. 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

7. 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

LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	PERCENT USED	EARTH EXCAVATION ADJUSTED FOR SHR:NKAGE	EMBANKMENT REQUIRED	EARTHWORK BALANCE
	20200100 CU.YD.	20300100 CU.YD.			CU.YD.	CU.YD.	CU.YD.
TR 131 / 2800 N					00,10.		G0.1D.
STA7+50 TO STA9+76.83	108		25.00%	100,00%	81	160	-79
STA9+76.63 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

7 EIVII Q(V3rc)	DITCH CHECKS	I WILL OF AUD DIOC		
LOCATION	DITCH CHECKS 28000305	INLET AND PIPE PROTECTION 28000500 EACH		
	FOOT			
JR.131 / 2899 N				
RT STA 8-80	11			
LT, \$7A, 8+80	. 11			
RT, STA 9+70	11			
LT STA 9+70	11			
LT, STA 10+25	11			
RT. \$TA. 10+60		1		
LT. STA 11+67		1		
TOTAL	55	2		

ROADWA	AY SCHEDULE	
	AGGREGATE	AGGREGATE
	SURFACE COURSE	SURFACE COURSE
LOCATION	TYPEB	TYPEB
TOUR NOT	12"	6"
	40200800	40200800
	TON	TON
TR 131 / 2800 N		
STA 7+50 TO STA 5+00	53.3	
STA 8+00 TO STA 9+76.83	212.2	
SFA 10+23.17TO 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

- 1	FILE NAME = 110295-sht-summaru.dan	USER NAME :	DESIGNED	- J.W.F.	Damen			7.7.						
	HAMPTON, LENZINI AND RENWICK, INC.	OSCH WARE	DRAWN	- D.A.B.	REVISED -		CTATE OF HIMOIO	SUMMARY OF QUANTITES	& GENERAL NOTES	T.R.	SECTION	COUNTY	TOTAL	SHEET
	3035 STEVENSON DRIVE, SUITE 201	PLOT SCALE =	CHECKED	S.W.M.	REVISED -		STATE OF ILLINOIS VERMILION COUNTY HIGHWAY DEPARTMENT	1		131	10-15145-00-BR	VERMILION	20	2
- [ILLINO'S PROFESSIONAL DESIGN FIRM LS / PR / SE CORP. 194,000009	PLOT CATE = 4/1/2013	DATE	02/26/13	REVISED -		ACUMINION COOMES RIGHWAY DEPARTMENT	SCALE: SHEET NO. 1 OF 1 SHEETS	******	PILOT RO	OAD DISTRICT	CONTRACT	T NO. 9	1477
								JORET NO. 1 OF 1 SHEETS	STA. TO STA.	ł	ILLINOIS FED. AF	D PROJECT		

A SPECIALTY ITEMA