

SUMMARY OF QUANTITIES

CODE NO	ITEM	CONSTRUCTION CODE	
		JNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	JNIT	50
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	JNIT	50
20200100	EARTH EXCAVATION	CU YD	25
20300100	CHANNEL EXCAVATION	CU YD	210
> 25000200	SEEDING CLASS 2	ACRE	0.1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	9
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	9
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	9
> 25100115	MULCH, METHOD 2	ACRE	0.1
28000300	TEMPORARY DITCH CHECKS	EACH	4
> 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50
> 28100207	STONE RIPRAP, CLASS A4	TON	450
> 28200200	FILTER FABRIC	SQ YD	623
> 40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	75
> 50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50200100	STRUCTURE EXCAVATION	CU YD	88
50300225	CONCRETE STRUCTURES	CU YD	85.5
50300280	CONCRETE ENCASEMENT	CU YD	2.8
> 50400305	PRECAST PRESTRESSED CONCRETE DECK BEAMS (17" DEPTH)	SQ FT	1,488
> 50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1,536
50800105	REINFORCEMENT BARS	POUND	8,400
50900205	STEEL RAILING, TYPE S1	FOOT	255
51201400	FURNISHING STEEL PILES HP10X42	FOOT	410
51202305	DRIVING PILES	FOOT	140
51203400	TEST PILE STEEL HP10X42	EACH	1
51500100	NAME PLATES	EACH	1
> 67100100	MOBILIZATION	L SUM	1
> 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
> X5020501	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 1	EACH	1
> X5020502	UNDERWATER STRUCTURE EXCAVATION PROTECTION - LOCATION 2	EACH	1
> Z0065000	SETTING PILES IN ROCK	EACH	10

> SEE SPECIAL PROVISIONS

GENERAL NOTES

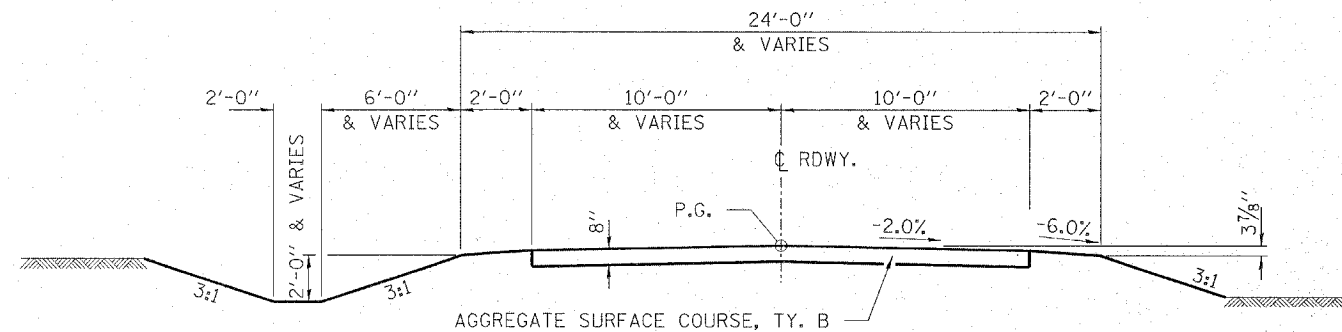
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 2007," THESE PLANS AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ALL CLEARING AND GRUBBING AND REMOVAL OF EXISTING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE CONTRACT.
- THE LOCATIONS OF EXISTING ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION 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.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS UNTIL THE OWNER, HIS AGENT, OR A PROFESSIONAL LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE REVISION NUMBER INDICATED FOR THE STANDARDS LISTED IN THE INDEX OF SHEETS SHALL BE USED IN THE CONSTRUCTION OF THIS SECTION.
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES

AGGREGATE SURFACE CSE.	2.05 TON/CU YD
STONE RIPRAP, CL. A4	1.75 TON/CU YD 0.70 TON/SQ YD
- THE AREA TO BE SEEDED SHALL CONSIST OF ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITY = 0.1 ACRES.
- TREES WITHIN THE RIGHT-OF-WAY WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED ONLY AT THE DIRECTION OF THE ENGINEER.

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	SHRINKAGE FACTOR	PERCENT USED	AVAILABLE* EXCAVATION (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE (CU YD)
STA. 9+00 TO STA. 9+36.24	18	25%	100%	13	-	13
STA. 9+36.24 TO STA. 10+63.76	-	25%	100%	-	-	-
STA. 10+63.76 TO STA. 11+00	6	25%	100%	5	27	-22
CHANNEL EXCAVATION	(210)	25%	70%	110		110
ENTRANCES					-	-
TOTAL	24			125	27	101
USE:	25					101

* AVAILABLE EXCAVATION = EXC. x (1-SHRINKAGE FACTOR) x % USED (WASTE)



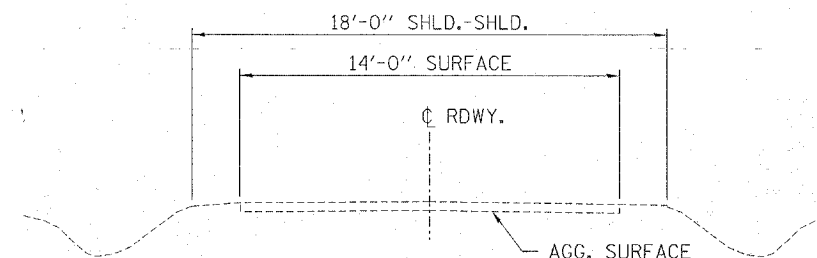
SUGGESTED CUT SECTION
CONSTRUCT AS SHOWN IN
STATION CROSS SECTIONS

SUGGESTED FILL SECTION
CONSTRUCT AS SHOWN IN
STATION CROSS SECTIONS

TYPICAL CROSS SECTION

STA. 9+00 TO 11+00

TRANSITION FROM THE PROPOSED ROADWAY TO THE EXISTING ROADWAY IS TO BE CONSTRUCTED FROM STA. 9+00 TO 9+36.24 AND STA. 10+63.76 TO 11+00.



EXISTING CROSS SECTION

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

HLR

3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-07-0018-1 DATE: 01/23/08
DESIGNED: J.W.F. CHECKED: S.W.M. DRAWN: D.T.M.

**SUMMARY OF QUANTITIES
AND TYPICAL SECTIONS**

SECTION 06-03113-00-BR

CLARKSBURG ROAD DISTRICT

SHELBY COUNTY