

SUMMARY OF QUANTITIES			
		CONSTRUCTION CODE X080-2A	
CODE NO	ITEM	UNIT	QUANTITY
20200100	EARTH EXCAVATION	CU YD	215
20300100	CHANNEL EXCAVATION	CU YD	125
20400800	FURNISHED EXCAVATION	CU YD	625
> 25001000	SEEDING CLASS 2, SPECIAL	ACRE	0.5
> 28101500	RIPRAP, SPECIAL	SQ YD	140
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	370
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50300225	CONCRETE STRUCTURES	CU YD	26.6
50300280	CONCRETE ENCASEMENT	CU YD	2.8
> 50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1,350
50800105	REINFORCEMENT BARS	POUND	3,240
* 50900205	STEEL RAILING, TYPE S1	FOOT	96
51201400	FURNISHING STEEL PILES HP10X42	FOOT	88
51500100	NAME PLATES	EACH	1
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	104
67100100	MOBILIZATION	L SUM	1
> * 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4
70065000	SETTING PILES IN ROCK	EACH	8

> SEE SPECIAL PROVISIONS

\* SPECIALTY ITEMS

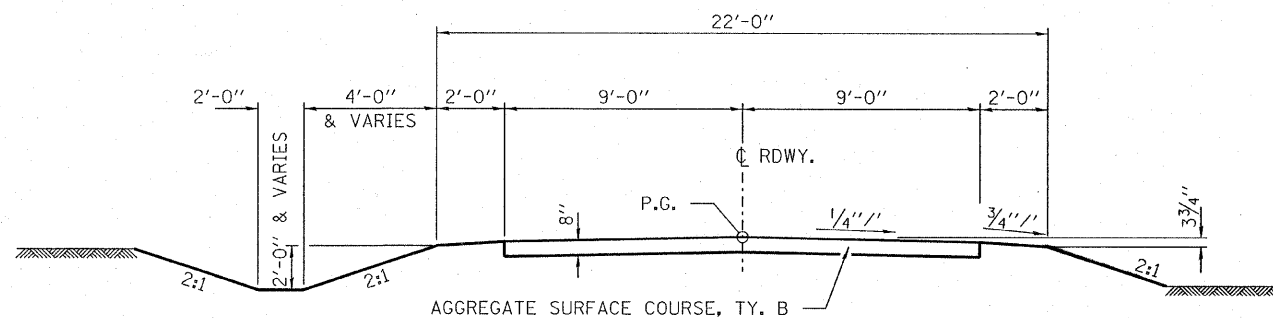
### GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, ADOPTED JANUARY 1, 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 CONTRACT. THE REMOVAL OF THE EXISTING AGGREGATE BASE COURSE AND A-3 SURFACE WILL BE PAID FOR AS EARTH EXCAVATION. ALL BITUMINOUS MATERIAL SHALL BE PROPERLY DISPOSED OF AS APPROVED BY THE ENGINEER.
- 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, 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 BASE CSE.	2.05	TON/CU YD
RIPRAP, SPECIAL	1.75	TON/CU YD
- THE AREA TO BE SEEDDED SHALL CONSIST OF ALL EARTH SURFACES DISTURBED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. ESTIMATED QUANTITY: SEEDING, CLASS 2 (SPECIAL) = 0.5 ACRES

EARTHWORK SCHEDULE						
LOCATION	EARTH EXCAVATION (CU YD)	SHRINKAGE FACTOR	PERCENT USED	AVAILABLE* EXCAVATION (CU YD)	EMBANKMENT REQUIRED (CU YD)	EARTHWORK BALANCE (CU YD)
STA. 7+75 TO STA. 9+72.32	80	25%	100%	60	399	-338
STA. 9+72.32 TO STA. 10+23.68	-	25%	100%	-	-	-
STA. 10+23.68 TO STA. 12+25	134	25%	100%	100	411	-311
CHANNEL EXCAVATION	(125)	25%	70%	66		66
ENTRANCES					41	-41
TOTAL	214			226	851	-624
USE:	215					625

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



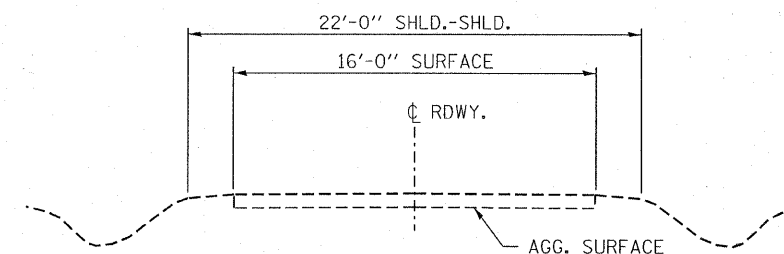
SUGGESTED CUT SECTION  
CONSTRUCT AS SHOWN IN  
STATION CROSS SECTIONS

SUGGESTED FILL SECTION  
CONSTRUCT AS SHOWN IN  
STATION CROSS SECTIONS

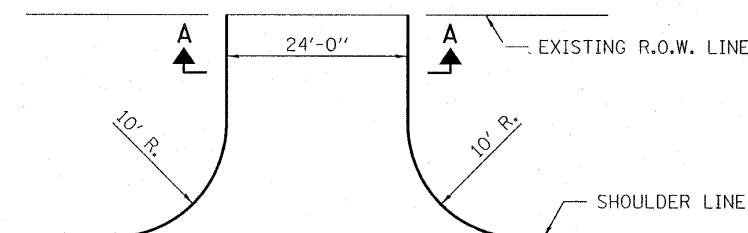
### TYPICAL CROSS SECTION

STA. 7+75 TO 12+25

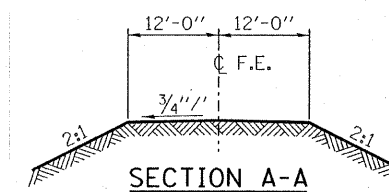
TRANSITION FROM THE PROPOSED ROADWAY TO THE EXISTING ROADWAY IS TO BE CONSTRUCTED FROM STA. 7+75 TO 8+25 AND STA. 11+75 TO 12+25. SEE SHEET 9 FOR TRANSITION AT BRIDGE.



### EXISTING CROSS SECTION



### FIELD ENTRANCE DETAIL



### SECTION A-A

FILE NAME = 080198-sht-rdw.dgn

USER NAME =

DESIGNED - J.W.F.

REVISED - S.W.M. - 11/05/08

DRAWN - D.A.B.

REVISED -

PLOT SCALE =

CHECKED - A.S.L.

REVISED -

PLOT DATE = 11/5/2008

DATE - 10/14/08

REVISED -

STATE OF ILLINOIS  
GALLATIN COUNTY HIGHWAY DEPARTMENT



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

### SUMMARY OF QUANTITIES AND GENERAL NOTES

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
98	06-04109-00-BR	GALLATIN	17	2

SCALE: SHEET NO. OF SHEETS

STA. TO STA.

CONTRACT NO. 99353  
ILLINOIS FED. AID PROJECT