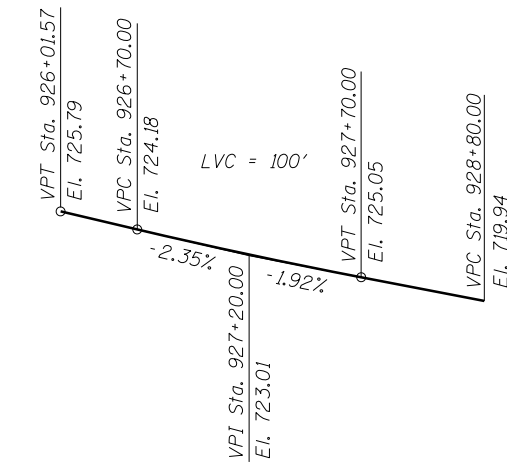


**DESIGN SPECIFICATIONS**  
 2012 AASHTO LRFD Bridge Design  
 Specifications 6th Edition with 2012 Interims

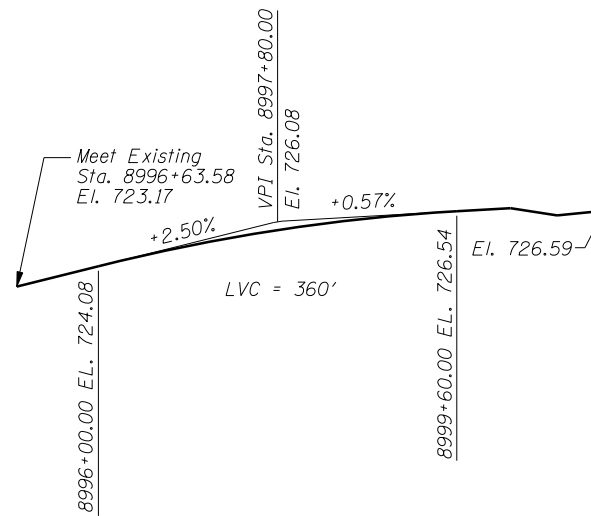
**DESIGN STRESSES**

**FIELD UNITS**

$f'_c = 3,500$  psi  
 $f_y = 60,000$  psi (reinforcement)  
 $f_y = 36,000$  psi (M270 Grade 36)



**NB IL ROUTE 59 - PROPOSED  
 PROFILE GRADE LINE**  
 (along edge of pavement proposed NB IL Route 59)



**RAMP B - PROPOSED  
 PROFILE GRADE LINE**  
 (along proposed Ramp B)

**GENERAL NOTES**

1. Reinforcement bars designated (E) shall be epoxy coated.
2. The Contractor is responsible for the design and performance of the lagging using no less than 3" nominal rough-sawn thickness and timber with a minimum allowable bending stress of 1000 psi.
3. Concrete Sealer shall be applied to exposed surfaces of the front face, top face, and back face of wall.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Structure Excavation	Cu. Yd.	177
Concrete Structures	Cu. Yd.	105.8
Concrete Sealer	Sq. Ft.	2,352
Stud Shear Connectors	Each	345
Reinforcement Bars, Epoxy Coated	Pound	14,760
Geocomposite Wall Drain	Sq. Yd.	137
Untreated Timber Lagging	Sq. Ft.	1,828
Furnishing Soldier Piles (W Section)	Foot	1,424
Pipe Underdrains for Structures, 4"	Foot	601
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	8,522
Form Liner Textured Surface	Sq. Ft.	1,197
Granular Backfill for Structures	Cu. Yd.	215

**GENERAL NOTES & BILL OF MATERIAL  
 SN 022-W066**

FILE NAME = ...E0131-W066-002-GenData.dgn



USER NAME = SAW	DESIGNED - LAS	REVISED -
	CHECKED - DAZ	REVISED -
PLOT SCALE = 30.00' / IN.	DRAWN - SAW	REVISED -
PLOT DATE = 10/9/2012	CHECKED - JLA	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES & BILL OF MATERIAL  
 STRUCTURE NUMBER 022-W066**

SHEET NO. SE-2 OF SE-11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-5	DUPAGE	963	674
			CONTRACT NO. 60131	
ILLINOIS FED. AID PROJECT				