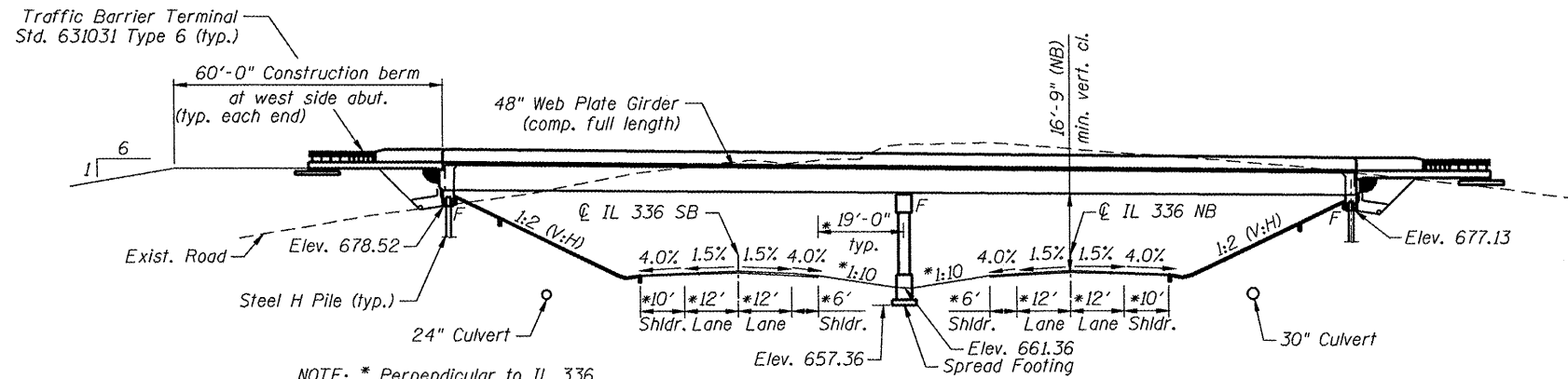


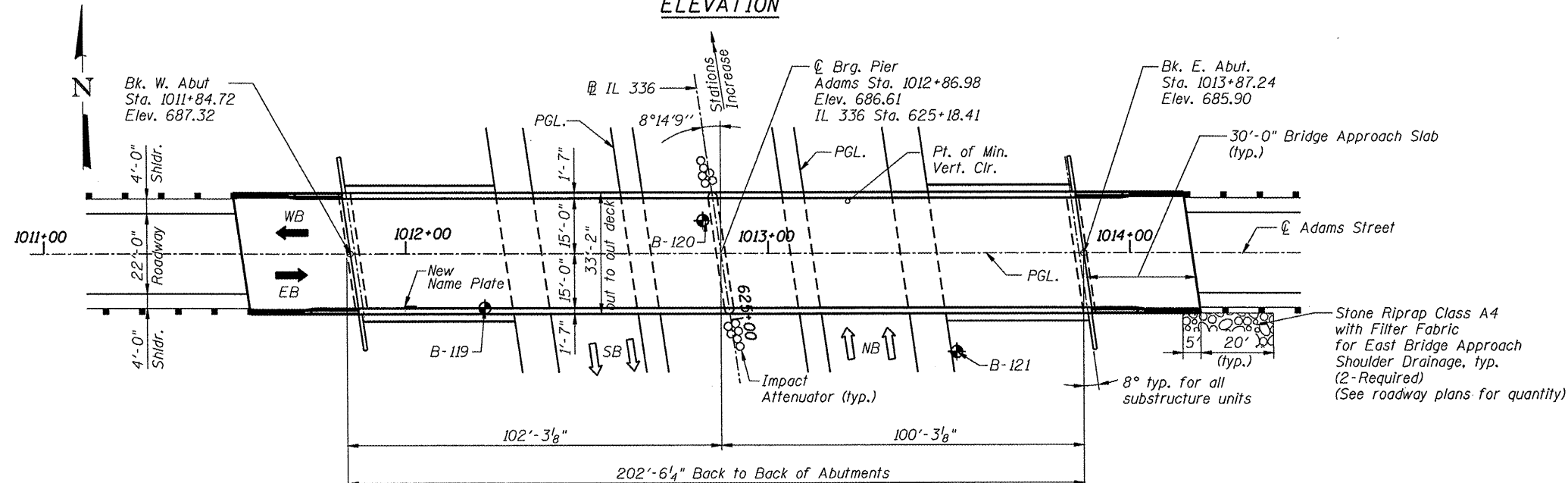
Bench Mark: BM HEI 14: RR Spike in a power pole on the north side of 1250N (Adams St.), located 30' LT of Sta. 1005+48, Elevation 693.68.

Existing Roadway to be closed. No Existing Structure

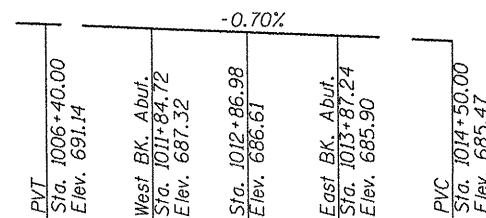


NOTE: \* Perpendicular to IL 336

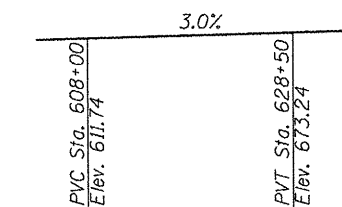
**ELEVATION**



**PLAN**

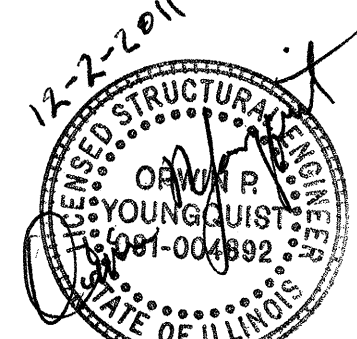


**PROFILE GRADE ADAMS STREET**



**PROFILE GRADE IL 336**

**APPROVED**  
For Structural Adequacy Only  
*[Signature]*  
Engineer of Bridges & Structures



12-2-2011  
expires 11-30-2012

STATION 1012+86.98  
BUILT 20XX BY  
STATE OF ILLINOIS  
F.A.P. 407 SECTION 55-3HB-1  
LOADING HL 93  
STR. NO. 055-0067

**NAME PLATE**  
See Std. 515001

**SEISMIC DATA**

Seismic Performance Zone (SPZ) = 1  
Design Spectral Acceleration at 1.0 sec. (Sd1) = 0.08g  
Design Spectral Acceleration at 0.2 sec. (Sds) = 0.13g  
Soil Site Class = C

**LOADING HL 93**

Allow 50#/sq. ft. for future wearing surface.

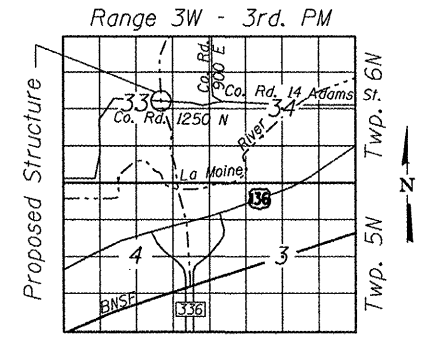
**DESIGN SPECIFICATIONS**

2010 AASHTO LRFD Bridge Design Specifications  
5th Edition with 2010 Interims

**DESIGN STRESSES**

**FIELD UNITS**

f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)  
fy = 50,000 psi (M270 Grade 50)  
fy = 36,000 psi (M270 Grade 36)



**LOCATION SKETCH**

**GENERAL PLAN**  
TWP. RD. 1250 N (ADAMS STREET) OVER  
FAP 407 (ILLINOIS 336)-SECTION 55-3HB-1  
McDONOUGH COUNTY  
STATION 1012+86.98  
STRUCTURE NO. 055-0067



FILE NAME D468418_001.OP&E.dgn	USER NAME = TERRA	DESIGNED - OY	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL PLAN AND ELEVATION STRUCTURE NO. 055-0067</b>	F.A.P. RTE. 407	SECTION 55-3HB-1	COUNTY McDONOUGH	TOTAL SHEETS 103	SHEET NO. 26
PLOT SCALE = 40.000' / IN.	CHECKED - DA	DRAWN - CM	REVISED -			CONTRACT NO. 68A41				
PLOT DATE = 12/2/2011	CHECKED - JB	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
						SHEET NO. 501 OF 523 SHEETS				