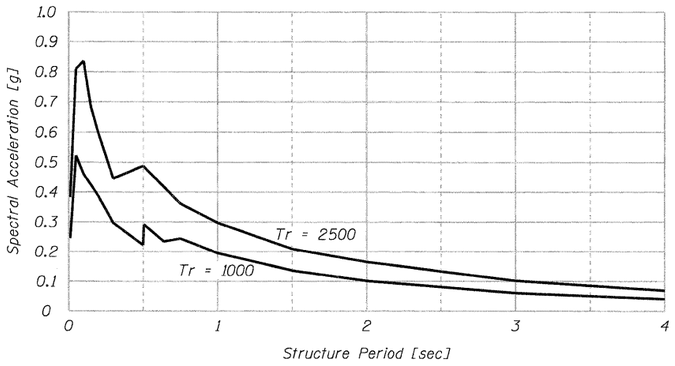
SEISMIC DATA*

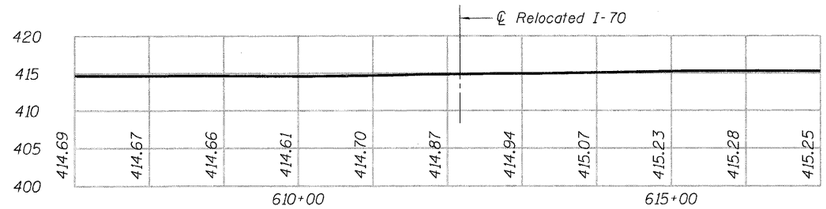
Soil Site Class = D

Return Period, Tr [yrs]	1000	2500
Design Spectral Acceleration at 1.0 sec, SD1 [g]	0.20	0.30
Design Spectral Acceleration at 0.2 sec, SDS [g]	0.39	0.60
Importance Category	Critical	Essential
Seismic Performance Zone	2	2

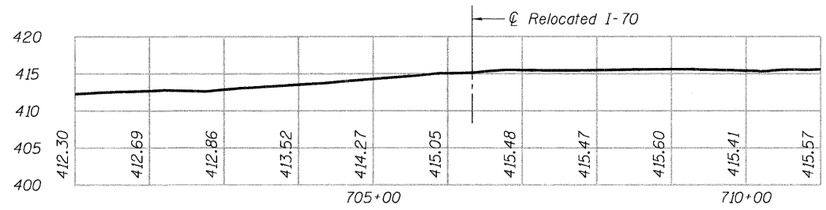
* Seismic Data based on site-specific analysis.

SITE-SPECIFIC UNIFORM HAZARD SPECTRA

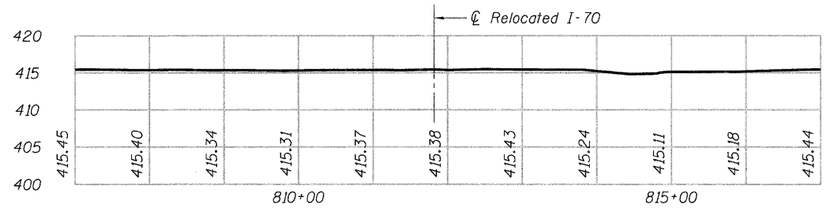




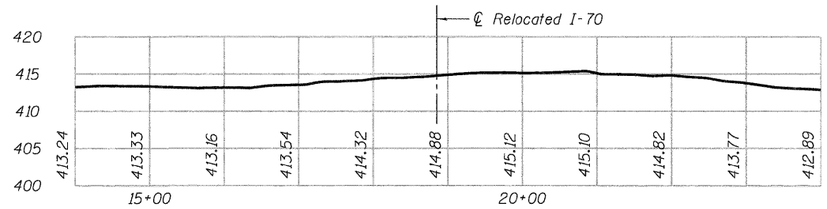
NS MAINLINE PROFILE



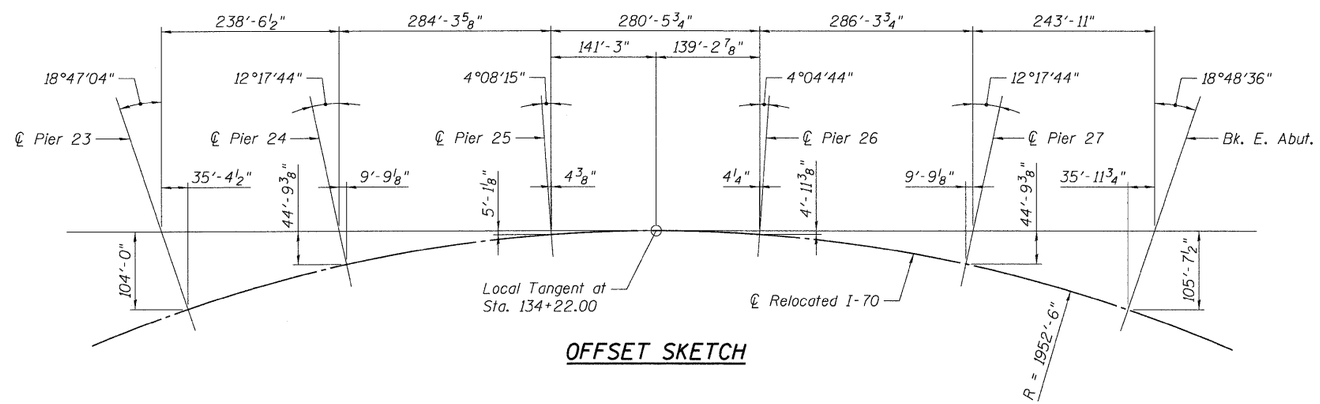
NS PACKERS SPUR PROFILE



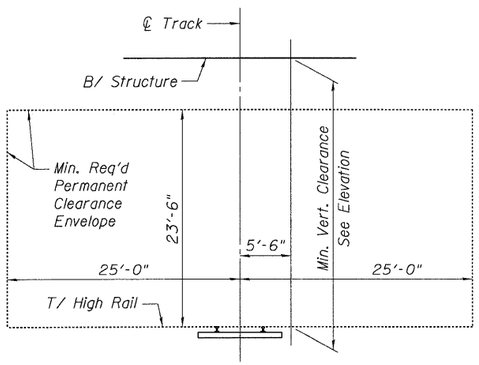
TRRA MAINLINE PROFILE



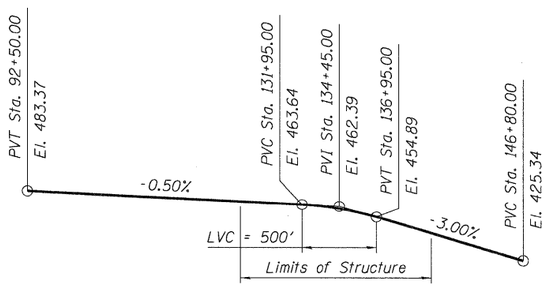
INDUSTRIAL DR. PROFILE



OFFSET SKETCH



RAILROAD CLEARANCE DIAGRAM



PROFILE GRADE F.A.P. RTE 998 (RELOCATED I-70)

STATION 134+22
BUILT 2011 BY
STATE OF ILLINOIS
F.A.P. RT. 998 SEC. 82-2-1HVB
LOADING HL-93
STRUCTURE NO. 082-0318

NAME PLATE (EB)
See Std. 515001

STATION 134+22
BUILT 2011 BY
STATE OF ILLINOIS
F.A.P. RT. 998 SEC. 82-2-1HVB
LOADING HL-93
STRUCTURE NO. 082-0319

NAME PLATE (WB)
See Std. 515001

..\082318-CONN-05-001-TL.DGN ..\082318-CONN-05-001-TL.DGN ..\082318-CONN-05-001-TL.DGN ..\082318-CONN-05-001-TL.DGN ..\082318-CONN-99-001-BD.DGN
6-23-2010, 10:51:16 BONDHUJO \\FS-0044\HWY\VAULT\TRANS_BY\2282\26869-001\STRUCTURE\CAD\01 DESIGN\082318\SHEET\082318-CONN-05-002-SHT-PD.DGN

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - KK	REVISED -
		DRAWN - KK	REVISED -
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - TCU	REVISED -
	PLOT DATE = $DATE$	DATE - 06/04/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
I-70 CONNECTION OVER
NS, TRRA, MCT AND INDUSTRIAL DR.

VERTICAL PROFILES & SEISMIC DATA

SCALE: | SHEET NO. S-3 OF S-111 | STA. 134+22.00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1HVB	ST. CLAIR	285	113
SN 082-0318 (EB) & 0319 (WB)		CONTRACT NO. 76C44		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		