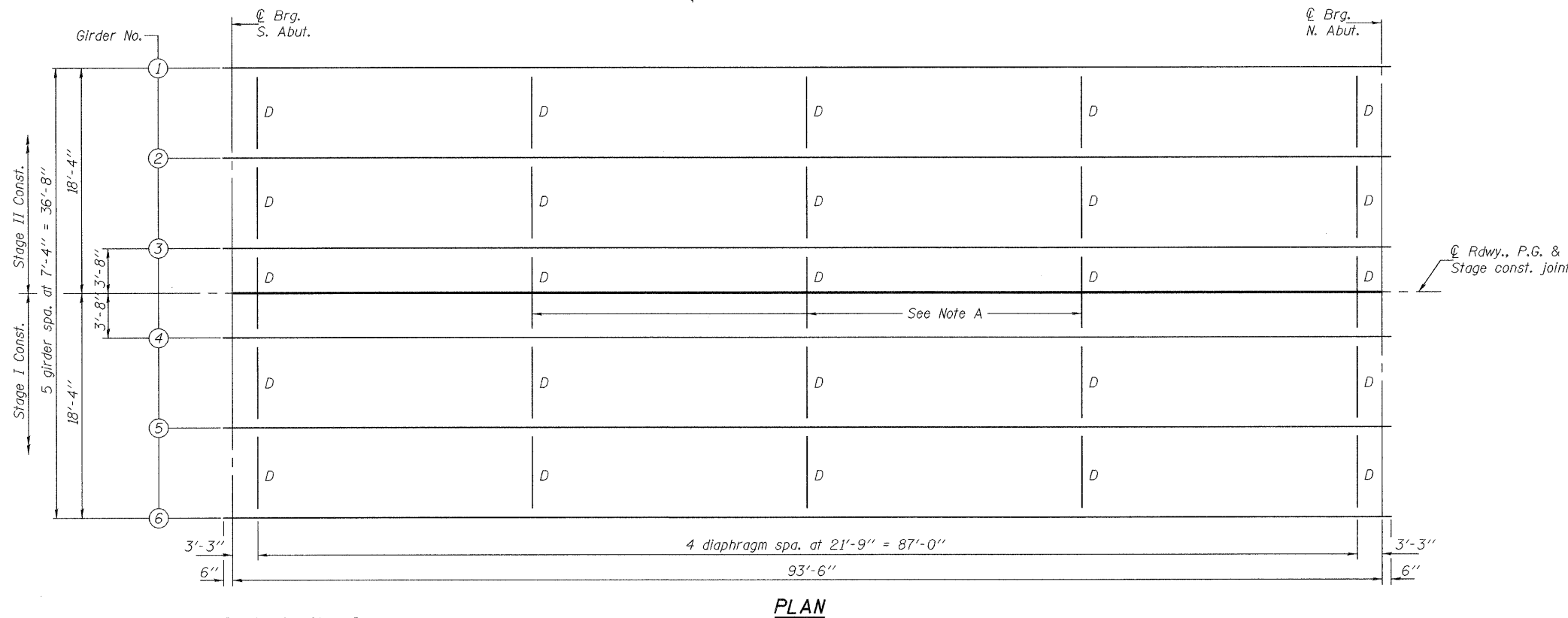
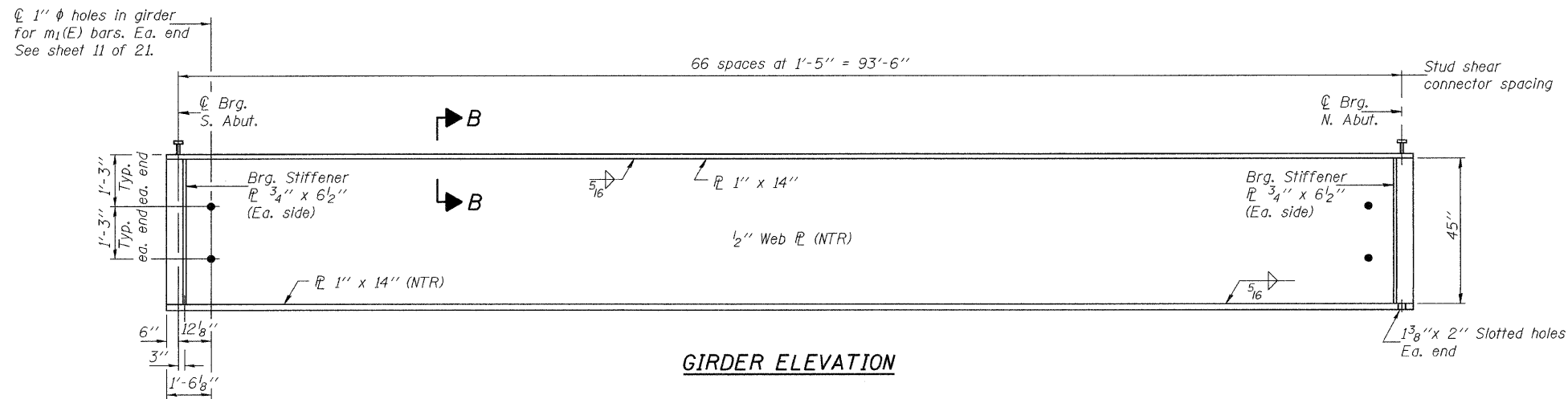
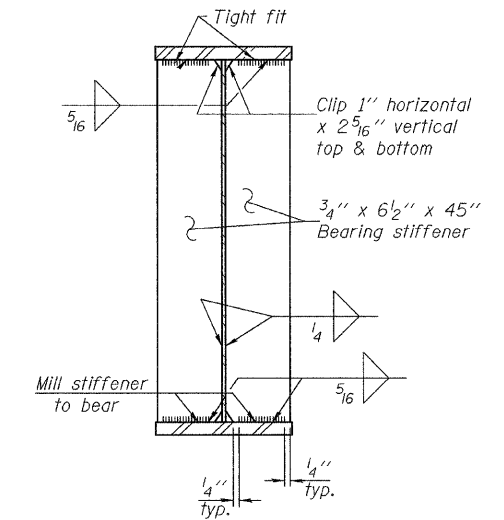
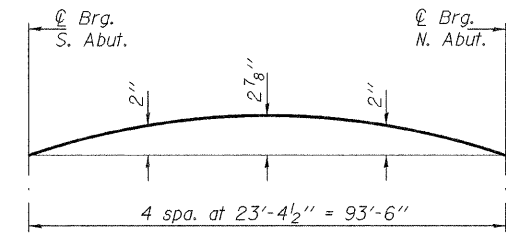


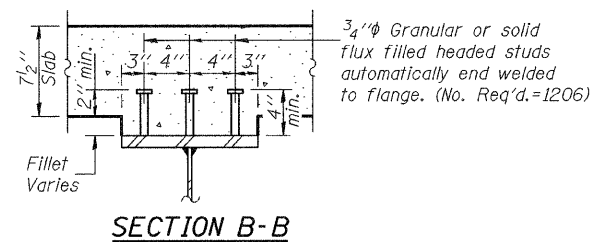
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



Note A: For detail of Temporary Bracing for Stage I & II Construction, see sheet 13 of 21.



Notes: Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2. Two hardened washers shall be required for each set of oversized holes. Omit connecting plates on exterior side of exterior girder. All girder plates, including bearing stiffeners shall be AASHTO M 270, Grade 50. All diaphragms shall be installed as steel is erected and secured with erection pins and bolts. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M 314 anchor bolts may be used in lieu of ASTM F1554. Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.



DESIGNED J.E. KRAMER
CHECKED P.E. COPPERNOLL
DRAWN AMBER SEIBER htd
CHECKED GRA

March 2, 2010
EXAMINED Thomas J. Domagalaki
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

STRUCTURAL STEEL
STRUCTURE NO. 079-0050

SHEET NO. 12 21 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	682	21BR, 21-I-1	RANDOLPH	77	51
			CONTRACT NO. 76126		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					