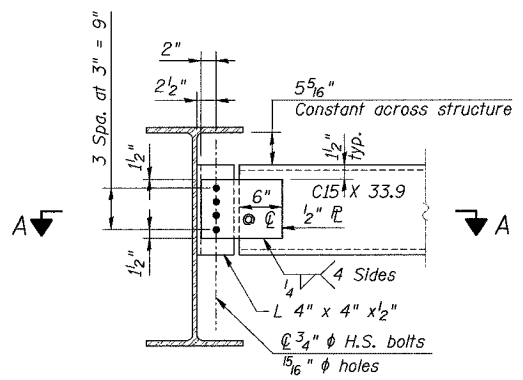
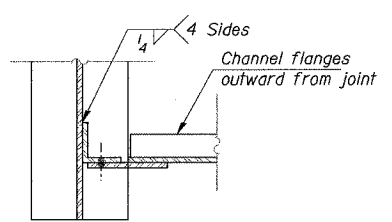
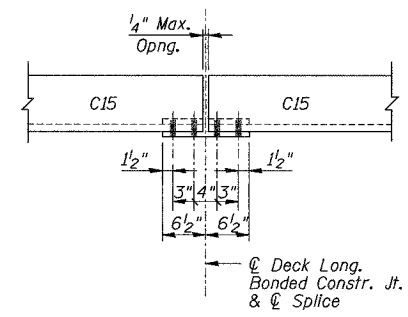
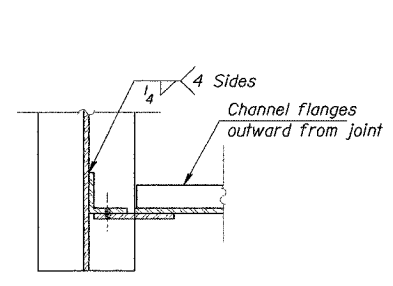
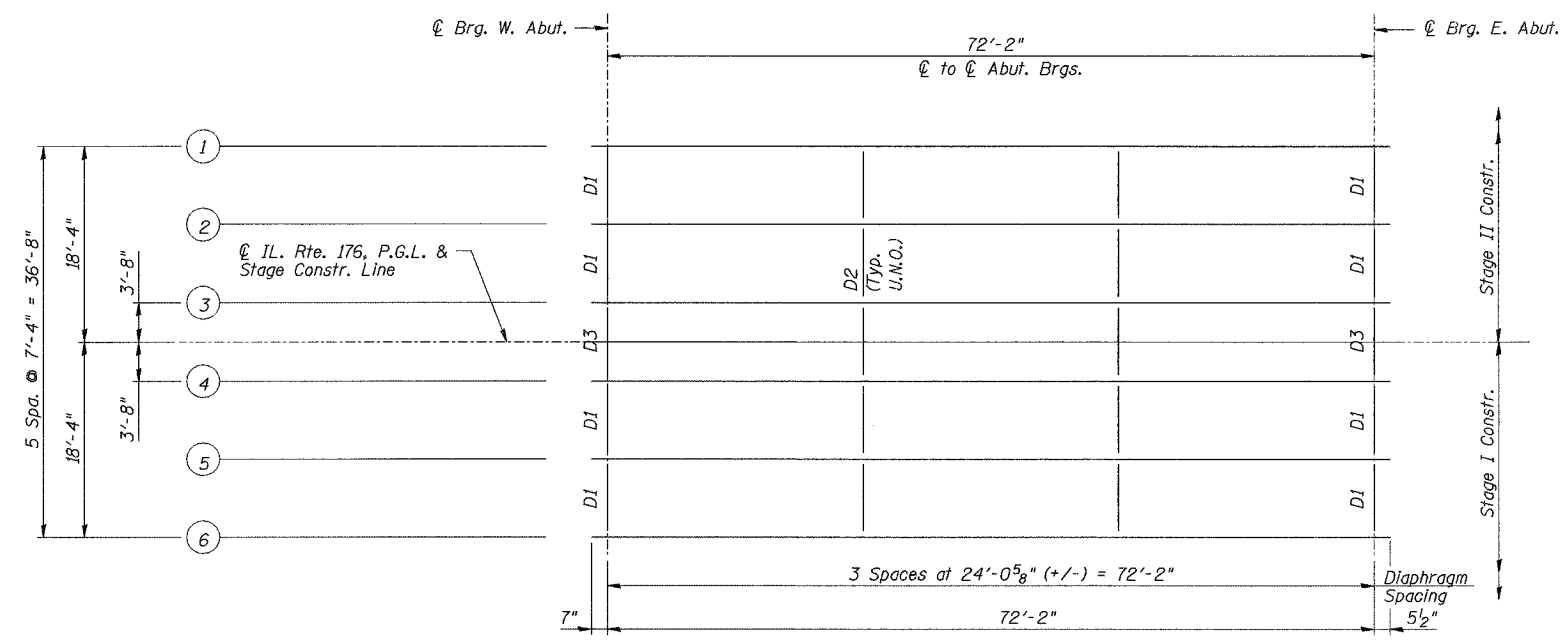


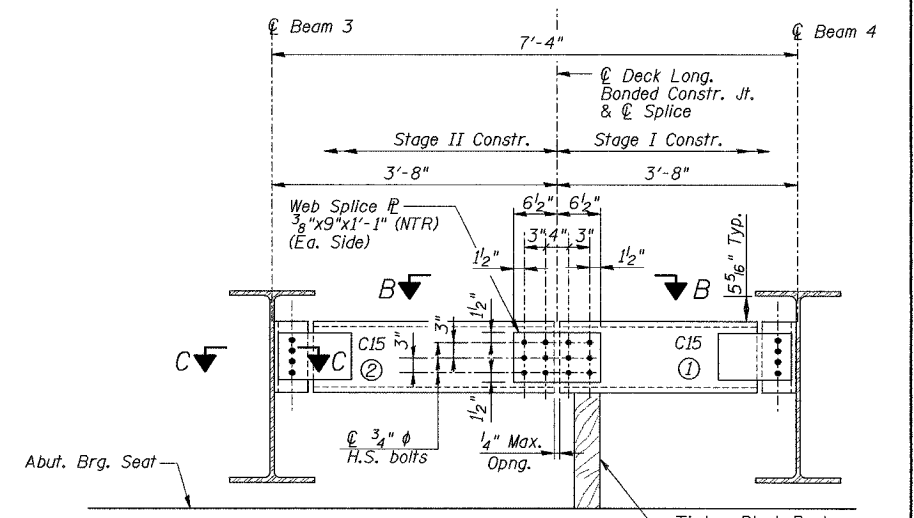
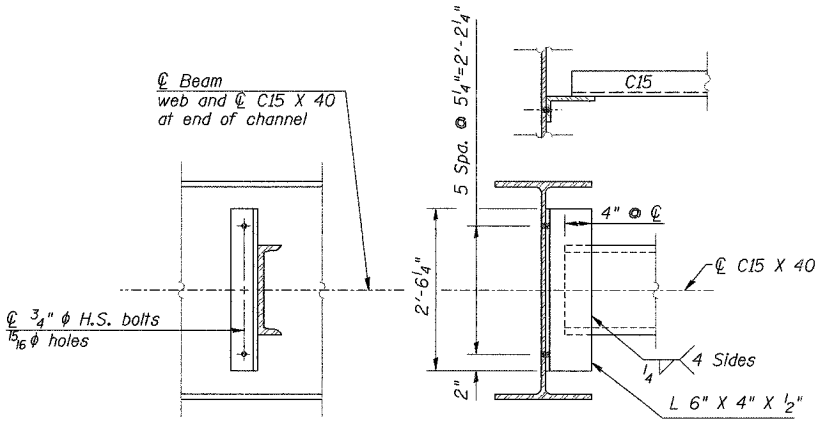
ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET TOTAL
533	119R-2B	McHenry	84	26
FED. ROAD DIST.		ILLINOIS	FED. AID PROJECT-	

Contract #62336

SHEET NO. 12 OF 21 SHEETS



FRAMING PLAN



DIAPHRAGM D3

DIAPHRAGM D3 CONSTRUCTION SEQUENCE

- Order Diaphragm D3 in two sections.
- Attach Section ① of Diaphragm to Beam 4 during Stage I Construction.
- Place Timber Block Posts between section ① of diaphragm and abutment bearing seat.
- Attach section ② of diaphragm to both Beam 3 and section ① of diaphragm during Stage II Construction with splice plates.
- Remove Timber Block Posts.

Note:
 Two hardened washers required for each set of oversized holes at diaphragms.
 All Structural Steel on this sheet shall be AASHTO M270 Grade 50W.
 All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms of supports may be temporarily disconnected to install bearing anchor rods.

DESIGNED	J.Z.
CHECKED	S.D.H.
DRAWN	M.S.M.
CHECKED	S.D.H.

FRAMING PLAN

IL Route 176 over the Kishwaukee River

F.A.P. RTE 533, SECTION 119R-2B

McHENRY COUNTY

STATION 10+00.00

S.N. 056-0078

DATE: 10-05-07

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC

CHICAGO ILLINOIS

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