

Notes:

1. See Sheet S20 for diaphragm locations.

- 2. H.S. bolts for diaphragms shall be AASHTO MI64/ASTM A325 H.S. bolts Type 1, mechanically galvanized bolts. Bolts ${}^{3}_{4}$ in. ϕ , holes ${}^{15}_{16}$ in. ϕ , unless otherwise noted
- 3. Two hardened washers required for each set of oversized holes..
- 4. All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.

GEDOTEIN	SHEET NO. S21	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FPSTEIN		94	1314B-1	СООК	110	57
600 WEST FULTON STREET TEL 312 454 9100	S52 SHEETS			CONTRACT	NO. 60)F65
CHICAGO, ILLINOIS FAX 312 559 1217 60661-1259 WEB www.epsteinglobal.com			ILLINOIS FED. A	ID PROJECT		

DESIGNED	EV
CHECKED	PC
DRAWN	JCP
СНЕСКЕО	JPO
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END DIAPHRAGM STAGE CONSTRUCTION SEQUENCE

1.) Order diaphragm D3 in two sections. 2.) Attach section (1) of diaphragm to girder 6 during Stage I Construction. 3.) Place timber block posts between section (1) of diaphragm and abutment bearing seat. 4.) Attach section (2) of diaphragm to both girder 5 and section (1) of diaphragm during Stage II Construction with splice plates. 5.) Remove timber block posts.

DIAPHRAGM DETAILS STRUCTURE NO. 016-2119