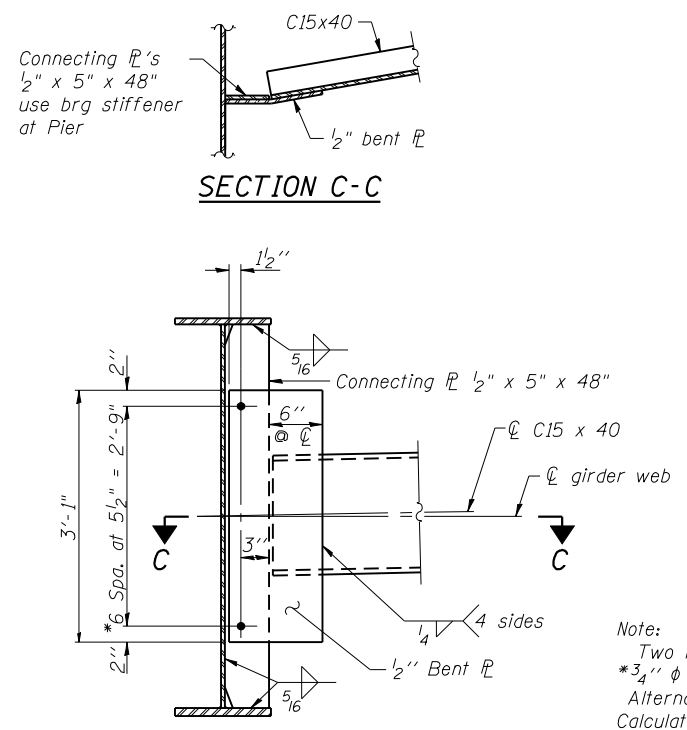
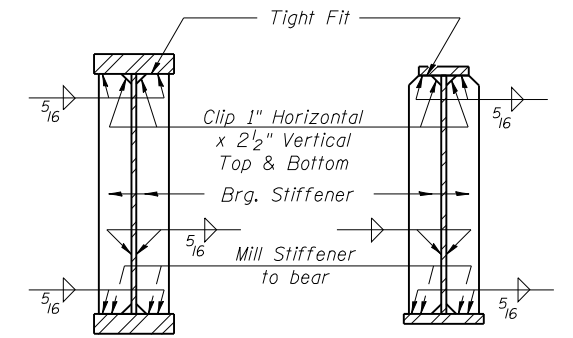


END OF GIRDER DETAIL
(Showing required hole locations)



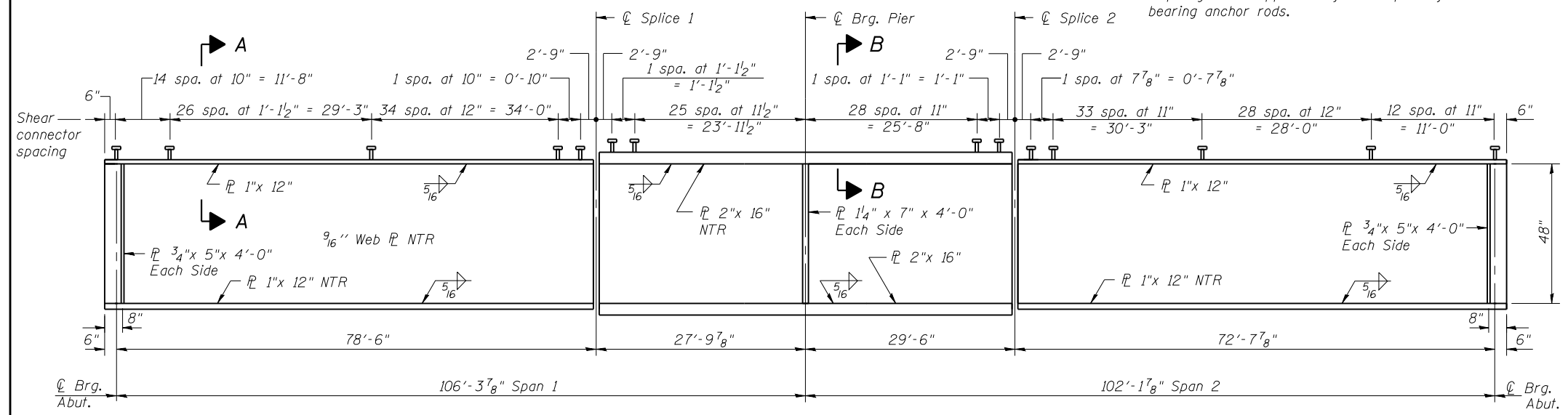
DIAPHRAGM 'D'

All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor rods.



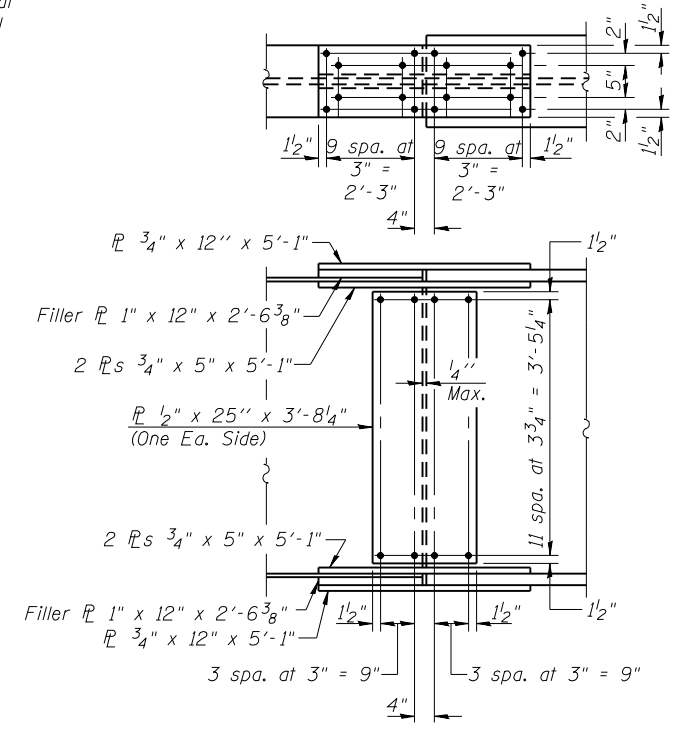
SECTION AT PIER **SECTION AT ABUTMENT**

Note:
Two hardened washers required for each set of oversized holes.
* 3/4" φ HS bolts, 15/16" φ holes
Alternate channels C15x50 are permitted to facilitate material acquisition.
Calculated weight of Structural Steel is based on C15x40 Sections.
The alternate, if utilized, shall be provided at no extra cost to the Department.



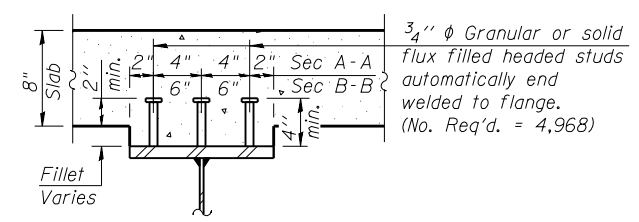
GIRDER ELEVATION

Load carrying components designated "NTR" shall conform to the Impact Testing Requirements, Zone 2.



FIELD SPLICE DETAIL

Splice 1 shown
Splice 2 opposite hand



SECTION A-A & B-B

Note:
All plate girder and splice material shall be AASHTO M270 Grade 50.
All splice plates except filler plates shall meet the requirements of Impact Testing, Zone 2.

FILE NAME = G-1-10-01E-Struct.stee1.dgn
PROJECT NO. 04065

G-1
7-1-10
Coombe-Bloxdorf P.C.
CIVIL ENGINEERS-
STRUCTURAL ENGINEERS-
LAND SURVEYORS
Design Firm License No. 184-002703

USER NAME = .MML.	DESIGNED - RKM	REVISED -
PLOT SCALE = @2' = 1" / IN.	CHECKED -	REVISED -
PLOT DATE = 10/16/2012	DRAWN - MML	REVISED -
	CHECKED - MCB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL
STRUCTURE NO. 036-0065
SHEET NO. 15 OF 23 SHEETS

F.A.P. RTE. 534	SECTION 7-2, 6-1	COUNTY HENDERSON	TOTAL SHEETS 976	SHEET NO. 513
CONTRACT NO. 68409				
ILLINOIS FED. AID PROJECT				