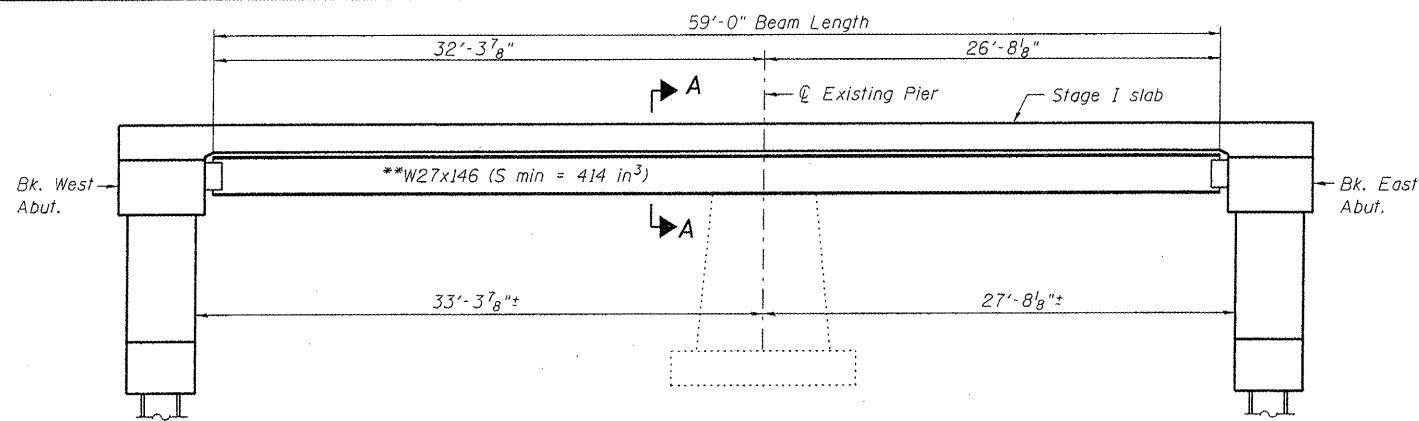
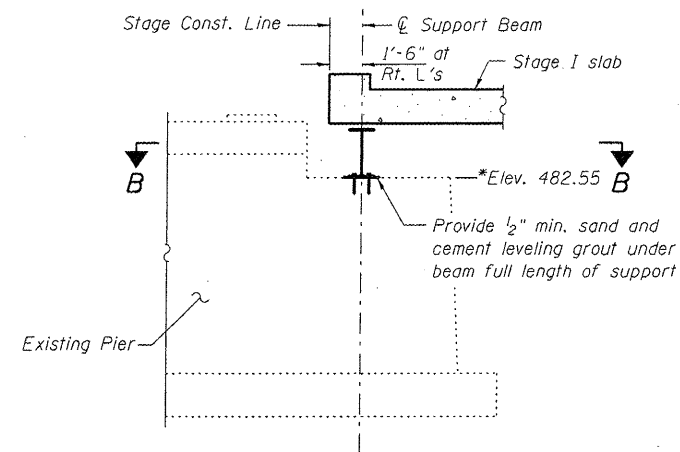


CONTRACT NO. 68085

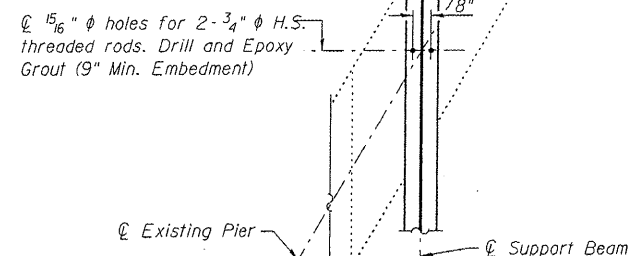


**Other sections meeting the section modulus requirements shown may be allowed subject to approval by the Engineer, max. depth = 28". (Design unbraced length = 32'-10")

ELEVATION
(Dimensions along \varnothing Support Beam)
(Looking North)

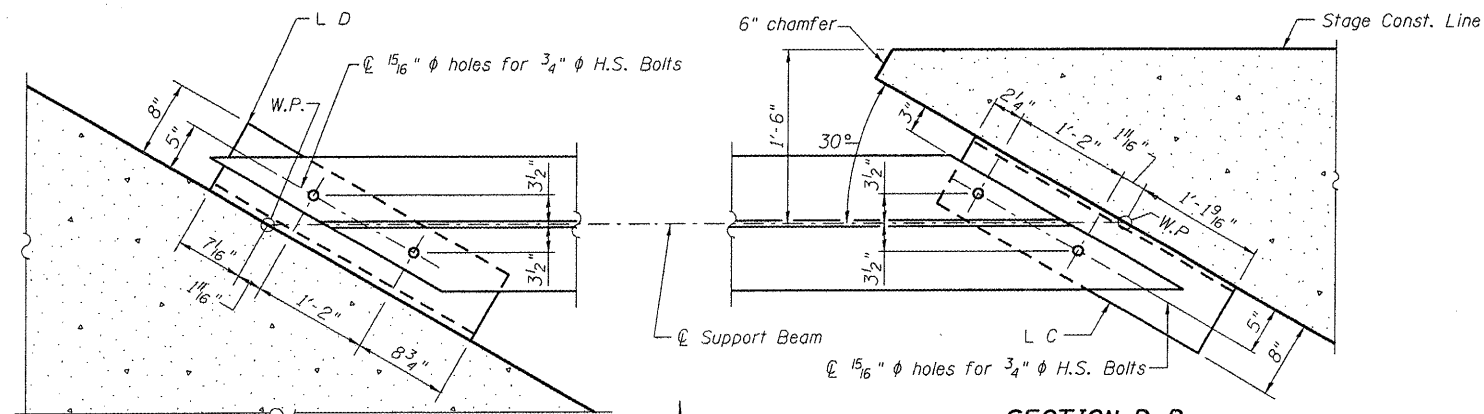


SECTION A-A
(Looking East)

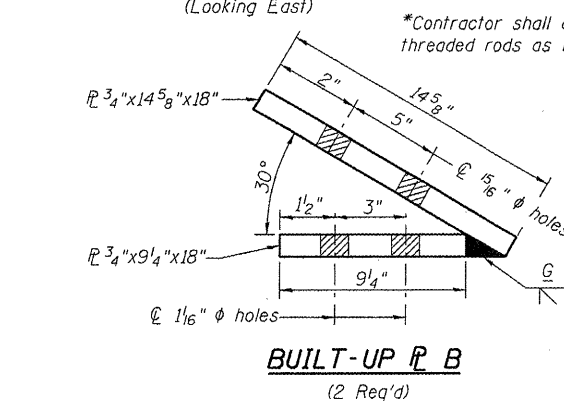


SECTION B-B

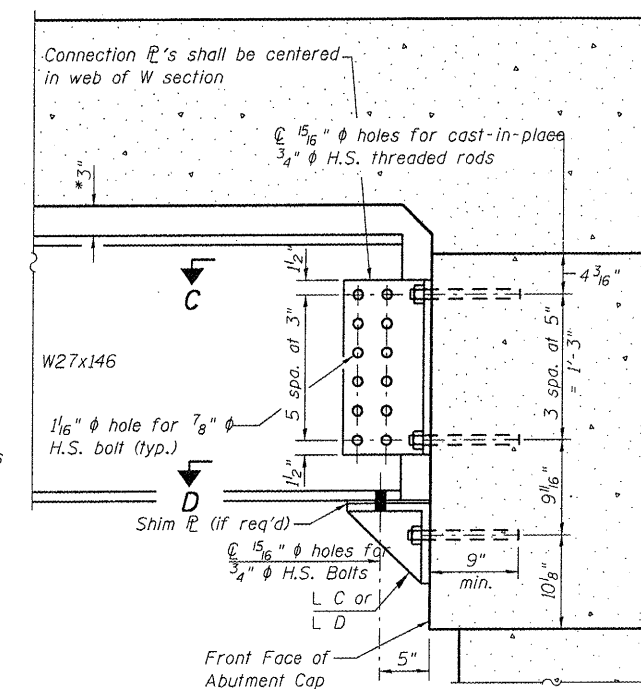
*Contractor shall adjust all dimensions and elevations for location of threaded rods as required based on actual thickness of formwork.



SECTION D-D
(East Abut.)



BUILT-UP PLATE
(2 Req'd)

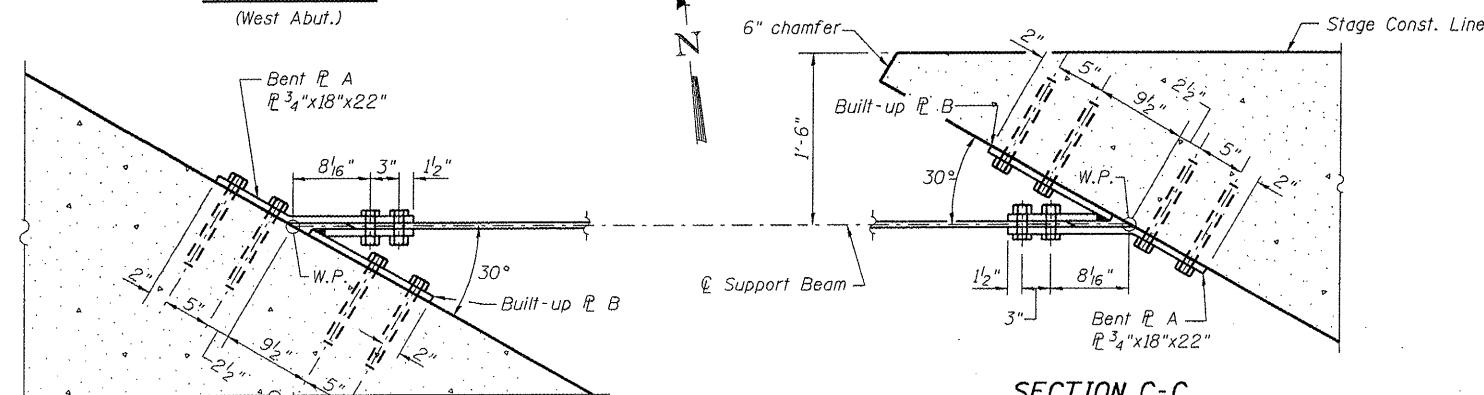


CONNECTION TO ABUTMENT
Dimensions at Rt. L's to face of abutment

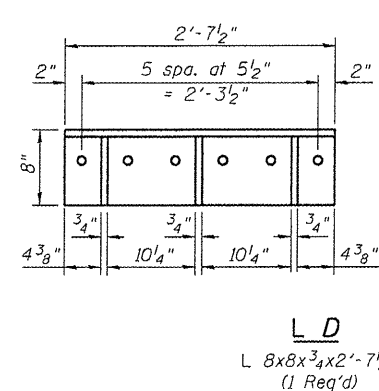
BILL OF MATERIAL

ITEM	UNIT	QTY.
Temporary Support System	L. Sum	1

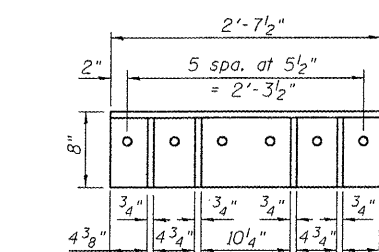
SECTION D-D
(West Abut.)



SECTION C-C
(East Abut.)



L D
L 8x8x3/4x2'-7 1/2"
(1 Req'd)



L C
L 8x8x3/4x2'-7 1/2"
(1 Req'd)

Notes:

- All Structural Steel shall be AASHTO M270 Grade 50.
- Painting of Structural Steel will not be required.
- Required length of support beam shall be verified in the field prior to ordering material.
- All holes in support beam shall be field drilled.
- Two hardened washers shall be required over all oversized holes.
- Cast-in-place H.S. threaded rods shall conform to ASTM F1554, Grade 105. All H.S. bolts shall conform to ASTM A325.
- After removal of Temporary Support System, threaded rods at abutments shall be burned off 1/4" deep and patched flush with epoxy mortar. Cost included with Temporary Support System.
- If the Contractor chooses to alter the Temporary Support System design requirements shown on the plans, a design submittal including plan details and calculations sealed by an Illinois licensed Structural Engineer will be required for review and acceptance by the Engineer.
- Estimated weight of Structural Steel = 9330 lbs. (M270 Grade 50)

SEQUENCE OF CONSTRUCTION

- Remove top portion of pier to required elevation. (See Sheet 3 of 18.)
- Provide leveling grout on top of pier for temporary beam seat.
- Erect Temporary Support Beam.
- Install formwork for Stage I slab.
- Shore support beam in deflected position.
- Shim gap between formwork and top flange of beam with steel shims at 24" cts.
- Pour Stage I slab.
- Keeping shims and formwork in place above beam, remove other formwork and support beam shoring concurrently.
- Temporary Support Beam shall remain in place until after Stage II Construction is complete.

REVISIONS

NAME	DATE

DESIGNED BY: RKM
CHECKED BY: WTK
DATE: 08/2007

LIN ENGINEERING, LTD.
Consulting Engineers
Channah, Illinois

DESIGNED BY: RKM
CHECKED BY: WTK
DATE: 08/2007

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY SUPPORT SYSTEM
U.S. ROUTE 150 OVER
LITTLE FARM CREEK
F.A.U. ROUTE 6757 SECTION (105B)BR-2
TAZEWELL COUNTY
STA. 49+20.43
S.N. 090-0175