

Notes:
Pour steps monolithically with cap.

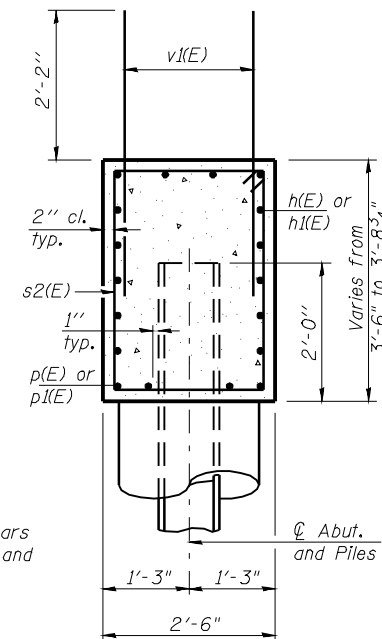


Diagram illustrating a typical girder bearing detail. The detail shows a cross-section of a girder with a bearing stiffener. The bearing stiffener is a 1" ϕ Anchor Bolt (Typ.) passing through the web of the girder. The distance from the centerline of the girder to the center of the bearing stiffener is 3 1/2". The distance from the center of the bearing stiffener to the center of the anchor bolt is 3 1/2".

See Sheet 21 of 29 for 'L' Type Cantilever Retaining Wall Wingwall Extensions Details. (Typ. Each End)

1'-0"

8'-0"

5'-0"

3'-0"

19'-7"

39'-2"

19'-7"

39-#5 v1(E) bars at 12" cts.

16'-5 1/2"

5-girder spaces at 6'-7" = 32'-11"

⊙ Il. Rte. 78

Back of No. Abut. Sta. 860+76.00

⊙ Abut. and Piles

⊙ Girder #1

⊙ Girder #6

v2(E)

h2(E)

v3(E)

2" cl. typ.

4" typ.

1'-7"

6-#5 v1(E) bars at 12" cts., typ. btwn. bms.

1'-7"

Bonded Stage Construction Jt.

5'-1"

1'-6"

6'-7"

6'-7"

6'-5"

17'-6"

5-pile spaces at 7'-0" = 35'-0"

3-#5 v1(E) bars at 12" cts. Each End

p(E)

p1(E)

s2(E)

u(E)

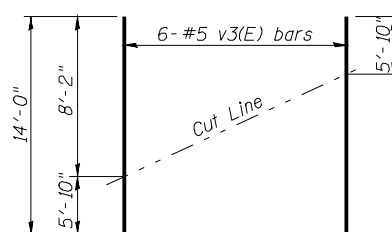
ANCHOR BOLT (Typical all Girder L)

3 1/2"

3 1/2"

5 1/2"

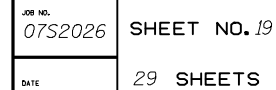
Type:	HP14x89
Nominal Required Bearing:	705 Kips
Factored Resistance Available:	327 Kips
Est. Length:	75 Feet
No. Production Piles:	5
No. Test Piles:	1 (In Stage 1 Area)



Order v3(E) full length. Cut as shown and use remainder of bars in opposite face.



© Copyright Hanson Professional Services Inc. \$MS YEAR\$



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	144(B-1, B-2)	Mason	351	126
		CONTRACT NO. 72A76		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

For details of Bar Splicers, see sheet 24 of 29.
For details of piles and Concrete Encasement,
see sheet 25 of 29.

NORTH ABUTMENT
F.A.P. 614 (IL 78) OVER WOLF LAKE
(PUBLIC BODY OF WATER)
SECTION 144 (B-2)
MASON COUNTY
STA. 862+41.25
STRUCTURE NUMBER 063-0500