

BACKFILL AND DRAINAGE DETAIL

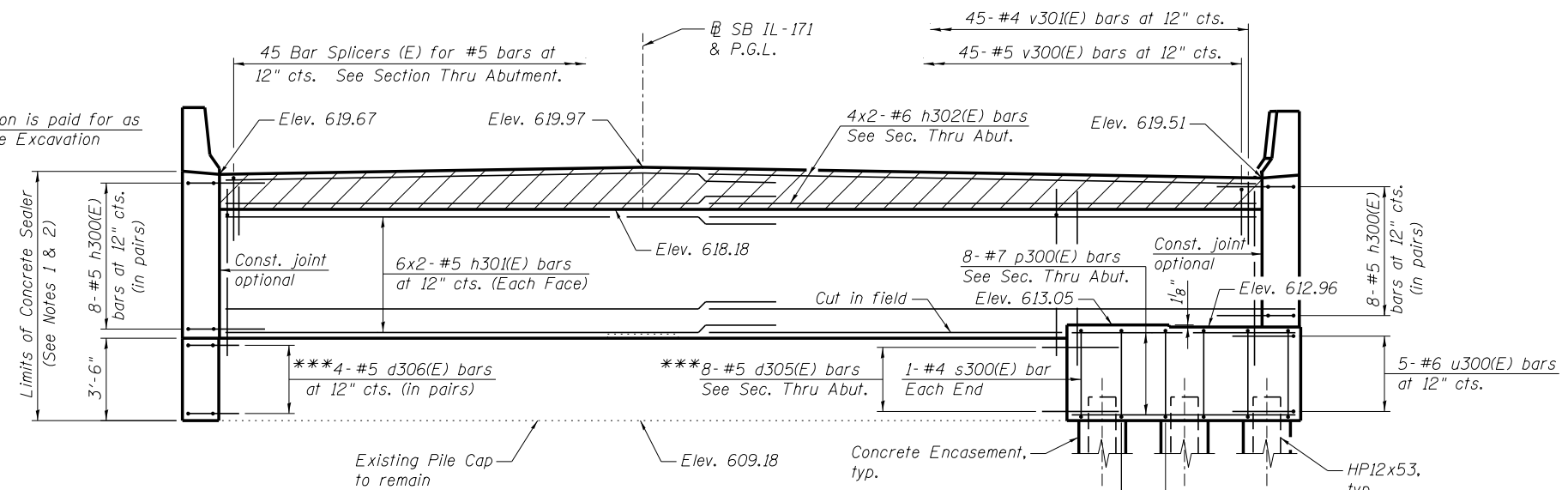
*Included in the cost of Pipe Underdrains for Structures 4".
(See Special Provisions)

Note:

All drainage system components shall extend parallel to the abutment back wall until they intersect the wingwalls or 2'-0" from the end of the wingwalls when the wings are parallel to the abutment. The pipe shall extend under the wingwall, if necessary, until intersecting the side slopes. The pipes shall drain into concrete headwalls (See Article 601.05 of the Standard Specifications and Highway Standard 60110).

NOTES:

- Concrete Sealer shall be applied to the area of the bearing seats, including steps, and the exposed front face of the abutment pile cap for the newly placed concrete only. Concrete Sealer shall also be applied to the area of the backwall and the vertical faces of both wingwalls underneath the parapet and in line with the backwall.
- Concrete Sealer does not need to be applied to existing concrete.

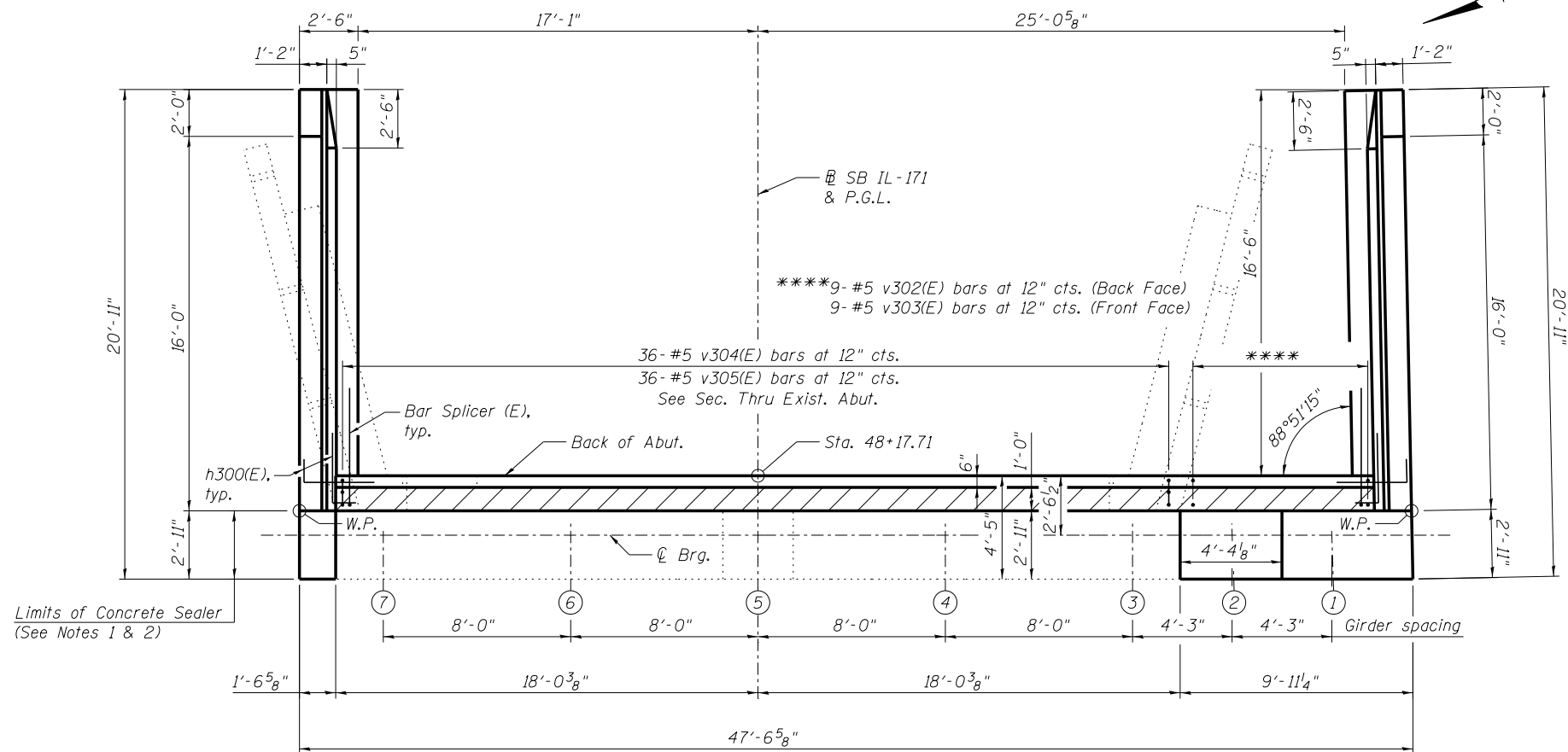


ELEVATION

MINIMUM BAR LAP

(Abutment)
#5 bar = 3'-3"
#6 bar = 3'-10"

***Drill and grout bars according to Article 584 of the Standard Specifications with a minimum embedment of 8". Cost included with Concrete Structures.



TOP VIEW

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FILE NAME =
0160483.60J16.031.Abut.Widening.2.dgn

USER NAME = jsurber
DESIGNED - JLS
CHECKED - SLD
DRAWN - RMG
PLOT SCALE =
PLOT DATE = 12/20/2013

DESIGNED - JLS
CHECKED - SLD
DRAWN - RMG
CHECKED - SLD

REVISED -
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ABUTMENT WIDENING DETAILS (2 OF 3)
STRUCTURE NO. 016-0483**

SHEET NO. SE31 OF SE46 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	515
CONTRACT NO. 60J16				
ILLINOIS FED. AID PROJECT				

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