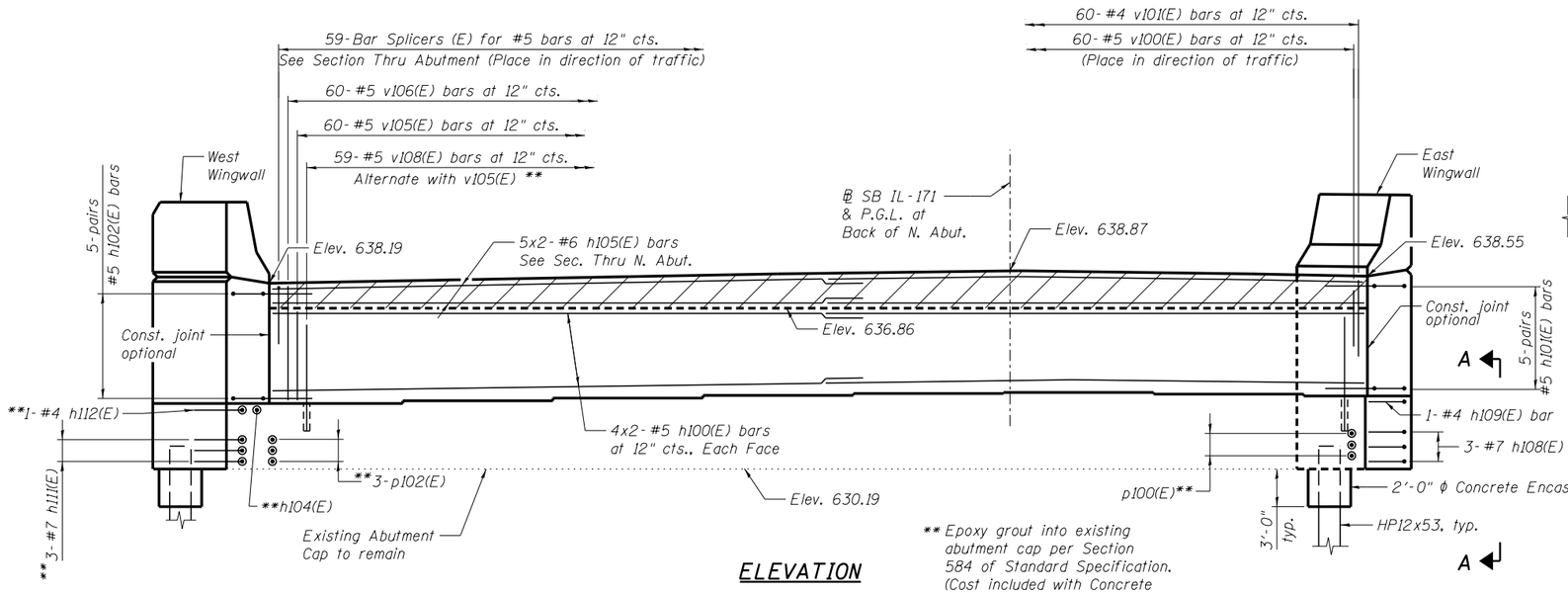
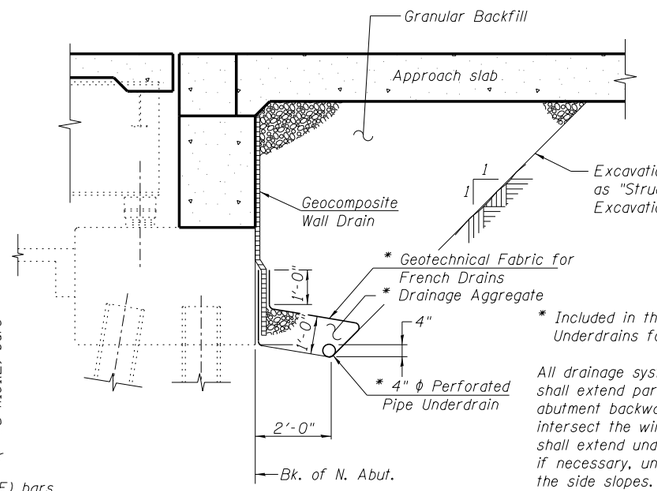



** Epoxy grout into existing abutment cap per Section 584 of Standard Specification. (Cost included with Concrete Structures). See Minimum Embedment Depth Table below.

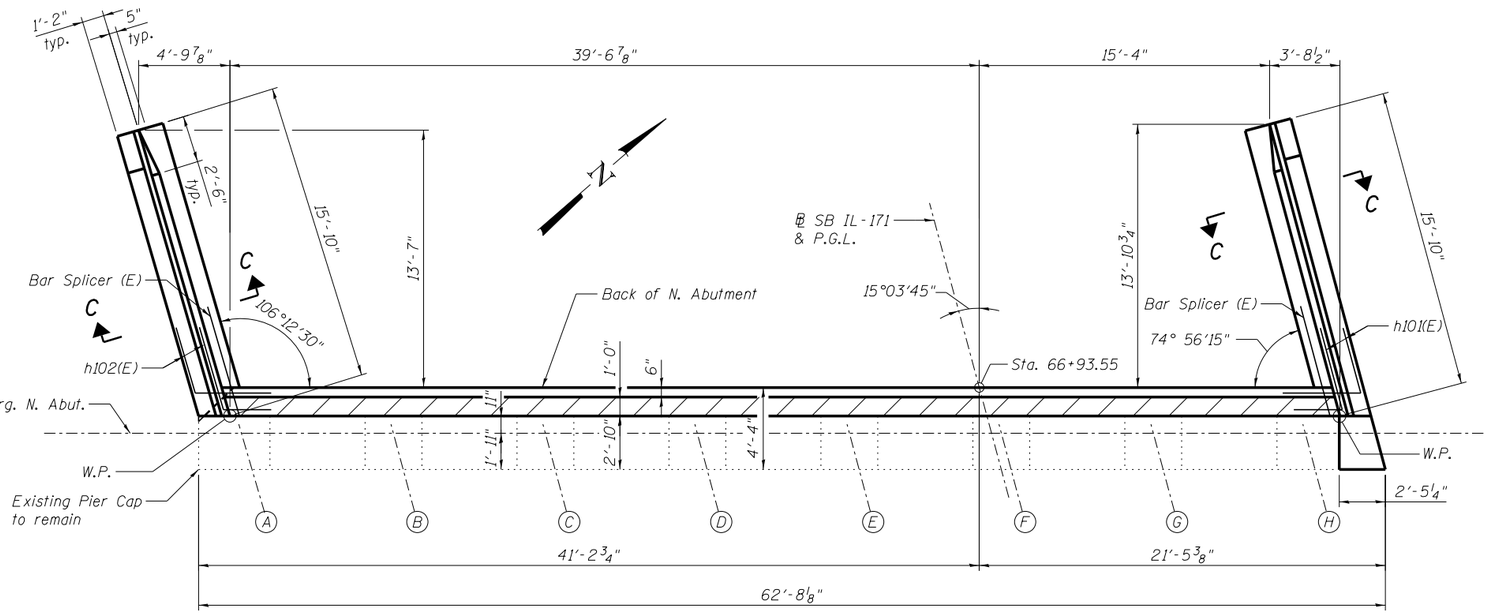
## ELEVATION



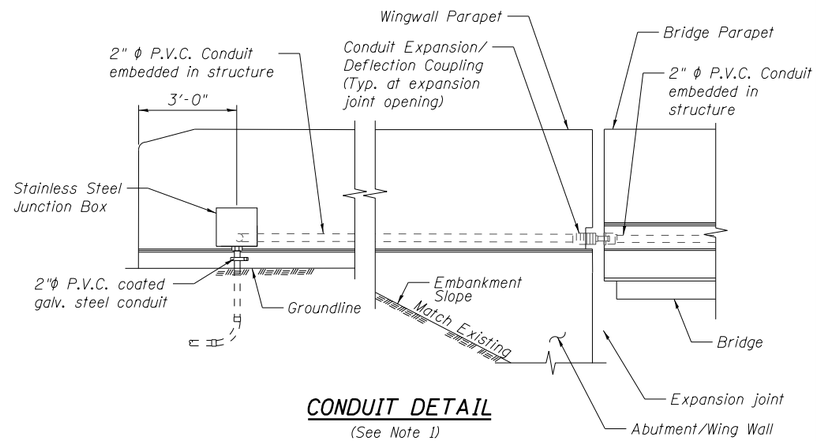

* Included in the cost of Pipe Underdrains for Structures.

All drainage system components shall extend parallel to the abutment backwall until they intersect the wingwalls. 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 601101).

## BACKFILL AND DRAINAGE DETAIL




## TOP VIEW




## CONDUIT DETAIL

(See Note 1)

## MINIMUM BAR LAP

#5 bar = 3'-6"
#6 bar = 3'-9"

## MINIMUM EMBEDMENT DEPTHS

#4 bar = 6"
#5 bar = 9"
#7 bar = 11"

## NOTES:

1. For Conduit, Junction Box & Couplings, see Electrical Plans.
2. For Section C-C, see sheet SC31 of SC35.
3. For View A-A, see Sheet SC31 of SC35.
4. Concrete Sealer shall be applied to the area of the bearing seats 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.
5. Concrete Sealer does not need to be applied to existing concrete.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Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10093


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|---|---|---|---|
| FILE NAME = 0162455_60J16_030_abutmodDet-2.dgn | USER NAME = jsurber | DESIGNED - JDM | REVISED - |
| | | CHECKED - RDK/TPS | REVISED - |
| | PLOT SCALE = | DRAWN - MAK/RMG | REVISED - |
| | PLOT DATE = 12/20/2013 | CHECKED - JDM/TPS | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**NORTH ABUTMENT MODIFICATION DETAILS (2 OF 3)**
**STRUCTURE NO. 016-2455**
SHEET NO. SC30 OF SC35 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 372 | 2013-038B-R | COOK | 821 | 356 |
| | | CONTRACT NO. 60J16 | | |
| | ILLINOIS FED. AID PROJECT | | | |


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