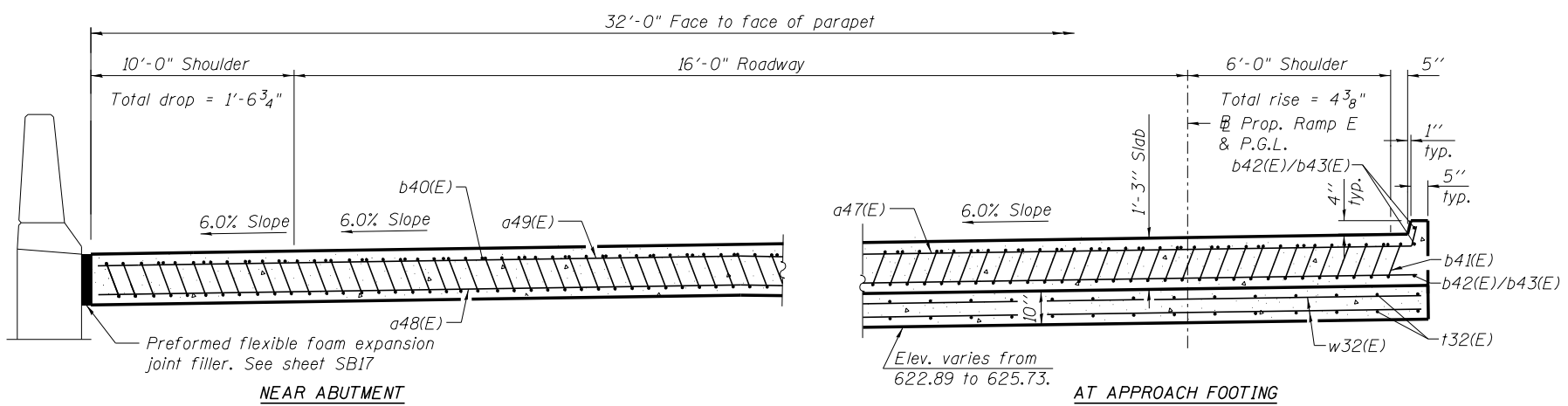
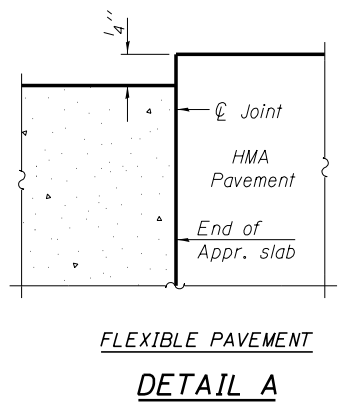
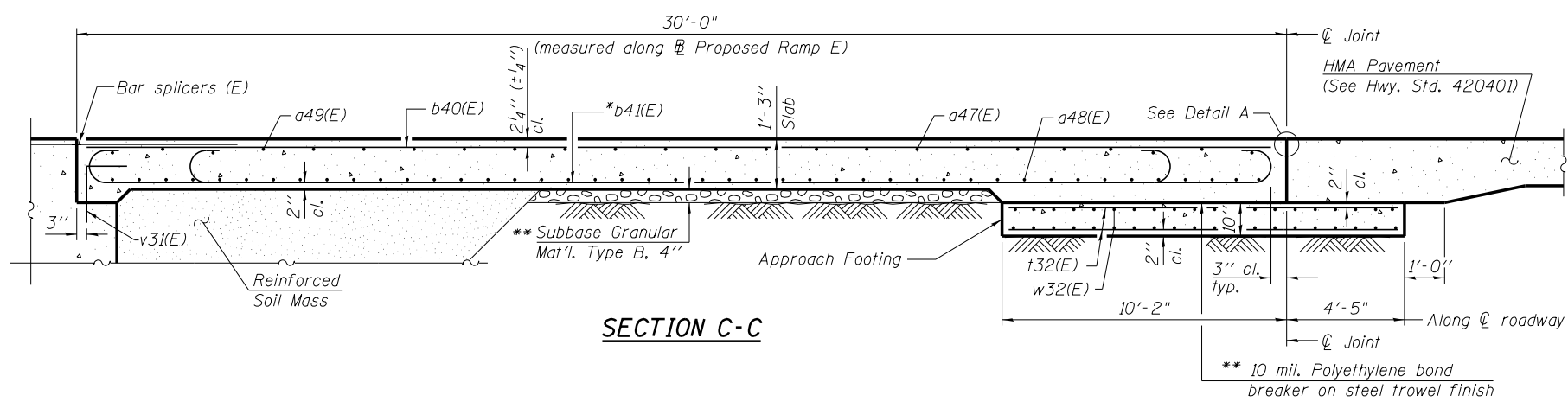
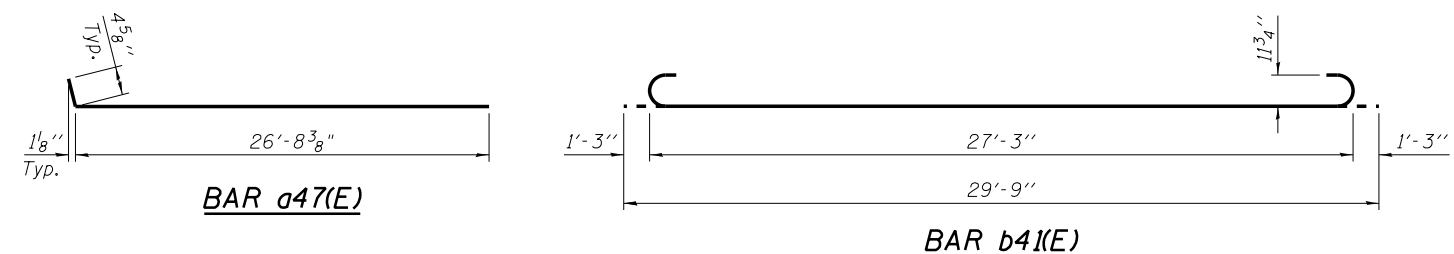
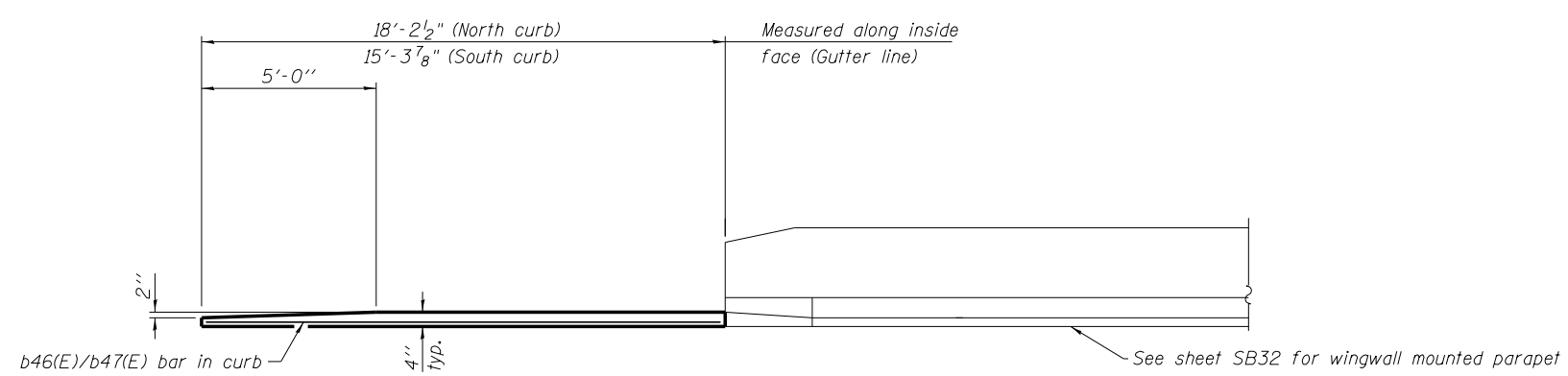


Notes:  
 See sheet SB17 for View B-B.  
 Approach slab shall be paid for as Concrete Superstructure.  
 Approach footing concrete shall be paid for as Concrete Structures.  
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.  
 For v31(E) bar details, see sheet SB31 and SB32.  
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.  
 For bar splicer details, see sheet SB39.  
 Cost of excavation for approach footing included with Concrete Structures.  
 For Granular Backfill for Structures and drainage treatment details, see sheet SB2.



\* Tilt #9 b41(E) bars as required to maintain clearance.  
 \*\* Cost included with Concrete Superstructure.



**SOUTH APPROACH  
 BILL OF MATERIAL**

| Bar                              | No. | Size | Length  | Shape  |
|----------------------------------|-----|------|---------|--------|
| a47(E)                           | 26  | #4   | 27'-1"  | —      |
| a48(E)                           | 92  | #5   | 26'-9"  | —      |
| a49(E)                           | 24  | #4   | 23'-9"  | —      |
| b40(E)                           | 26  | #4   | 29'-8"  | —      |
| b41(E)                           | 77  | #9   | 29'-9"  | —      |
| b42(E)                           | 3   | #4   | 15'-2"  | —      |
| b43(E)                           | 3   | #4   | 18'-1"  | —      |
| #32(E)                           | 68  | #4   | 14'-3"  | —      |
| w32(E)                           | 80  | #5   | 26'-9"  | —      |
| Concrete Superstructure          |     |      | Cu. Yd. | 50.0   |
| Concrete Structures              |     |      | Cu. Yd. | 14.4   |
| Reinforcement Bars, Epoxy Coated |     |      | Pound   | 14,670 |

**benesch**  
 engineers · scientists · planners  
 Alfred Benesch & Company  
 205 North Michigan Avenue, Suite 2400  
 Chicago, Illinois 60601  
 312-565-0450 Job No. 10093

|             |   |              |           |            |     |           |  |
|-------------|---|--------------|-----------|------------|-----|-----------|--|
| FILE NAME = | 0161512.60W77.018.EApproach_Details.dgn | USER NAME =  | ksnyder   | DESIGNED - | JHG | REVISED - |  |
|             |   | PLOT SCALE = |           | CHECKED -  | KWS | REVISED - |  |
|             |   | PLOT DATE =  | 6/23/2014 | DRAWN -    | KMS | REVISED - |  |
|             |   |              |           | CHECKED -  | KWS | REVISED - |  |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

(Sheet 2 of 2)  
**EAST APPROACH SLAB DETAILS  
 STRUCTURE NO. 016-1512**  
 SHEET NO. SB18 OF SB43 SHEETS

|                    |                    |        |                           |           |
|--------------------|--------------------|--------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION            | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 373                | (0707-608&611)HB-B | COOK   | 177                       | 134       |
| CONTRACT NO. 60W77 |                    |        | ILLINOIS FED. AID PROJECT |           |

X:\100000S\10093\Eng-Docs-Phase-11\SN-016-1512-SB-1st-Ave-to-NB-155-over-155\Final\0161512.60W77.018.EApproach\_Details.dgn  
 10:37:03 AM  
 6/23/2014