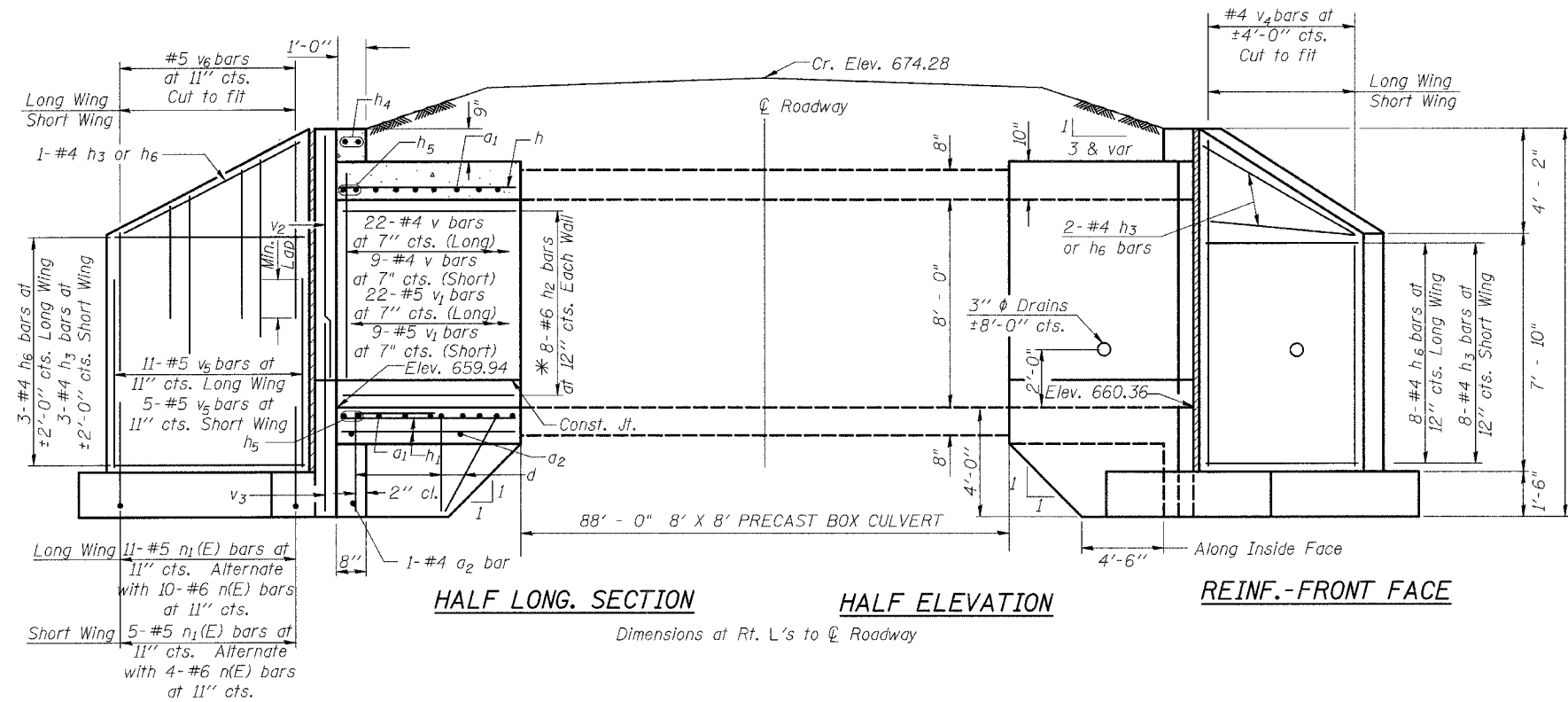


# 8'x8' Precast Box Culvert Downstream End Section Only

## LT. STA. 801 + 47

DOWNSTREAM END SECTION ONLY  
SEE DROP BOX NO. 1 FOR UPSTREAM END SECTION

|                     |         |                           |              |           |
|---------------------|---------|---------------------------|--------------|-----------|
| CONTRACT NO. 64D82  |         |                           |              |           |
| F.A.P. RTE.         | SECTION | COUNTY                    | TOTAL SHEETS | SHEET NO. |
| 642                 | 11T     | CARROLL                   | 79           | 41        |
| STA.                |         | TO STA.                   |              |           |
| FED. ROAD DIST. NO. |         | ILLINOIS FED. AID PROJECT |              |           |

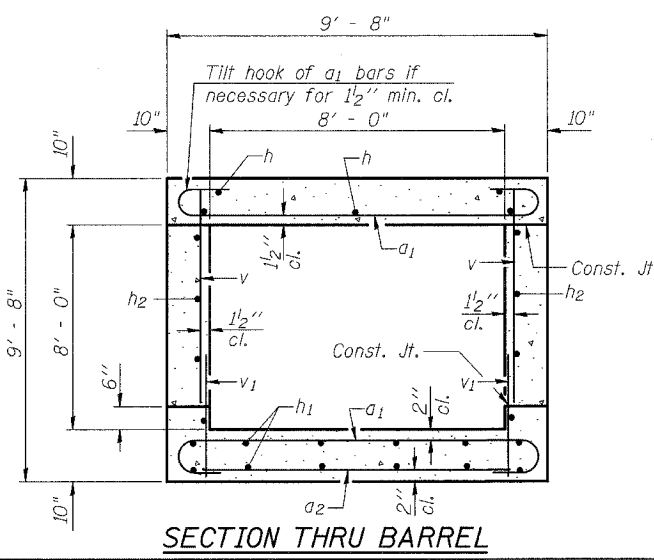
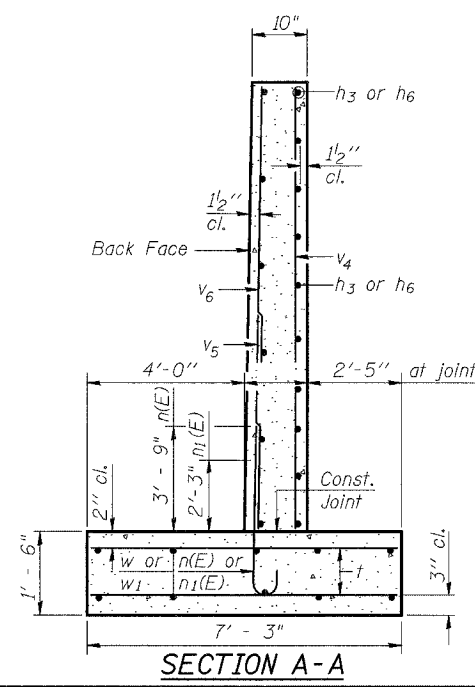
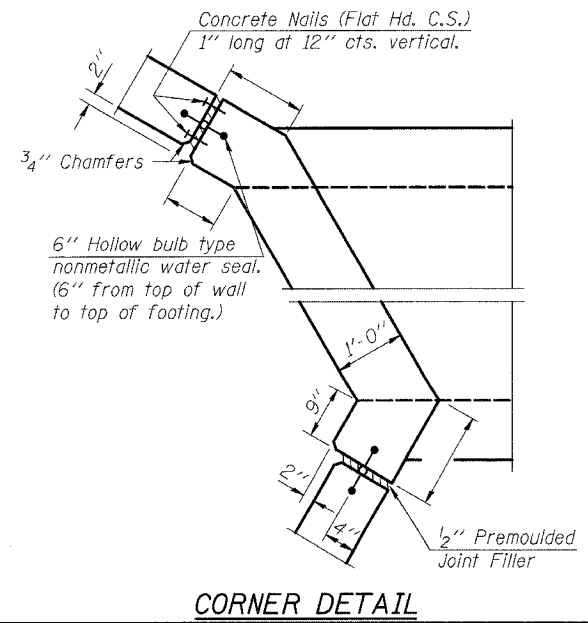


**REINF.-BACK FACE**

\* bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite side of end section.

**GENERAL NOTES:**

- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-31, M-42 OR M-53, GRADE 60.
- SEE PLAN AND PROFILE SHEET FOR MORE INFORMATION.
- SEE CROSS SECTION SHEET FOR MORE INFORMATION.
- THIS WORK SHALL BE DONE ACCORDING TO THE APPLICABLE PORTION OF 503, 508, 540, AND 542 OF THE STANDARD SPECIFICATIONS.
- CLASS "SI" CONCRETE SHALL BE USED. EXPOSED EDGES SHALL BE BEVELED 3/4".
- THE CONTRACTOR SHALL NOT UNDERMINE THE PRECAST BOX SECTIONS WHILE BUILDING THE FOOTINGS.
- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
- ALL CONSTRUCTION JOINTS SHALL BE BONDED.
- J BOLTS OR REBAR SPLICERS SHALL BE USED TO CONNECT THE PRECAST SECTIONS TO THE CAST-IN-PLACE SECTIONS.
- THE CONTRACT UNIT PRICE "CU YD" FOR CLASS "SI" CONCRETE SHALL INCLUDE THE EXPANSION BOLTS, J BOLTS, REBAR SPLICERS, ANCHOR BOLTS, BOLTS, NUTS, WASHERS, STEEL PLATES, EARTH EXCAVATION WHERE REQUIRED, AND NECESSARY GRADING TO FIT THE INLET AS SHOWN IN THE CROSS SECTIONS OR TO THE SLOPE.



**DESIGN STRESSES**  
 $f_y = 60,000 \text{ psi}$   
 $f'_c = 3,500 \text{ psi}$   
 Max. Soil Pressure under footing = 2848 psf  
**LOADING HS 20-44 & ALT.**

PLOT DATE = Wed Oct 19 15:25:52 2007  
 FILE NAME = c:\projects\10281658\80147\80147.dwg  
 USER NAME = carlsbamw