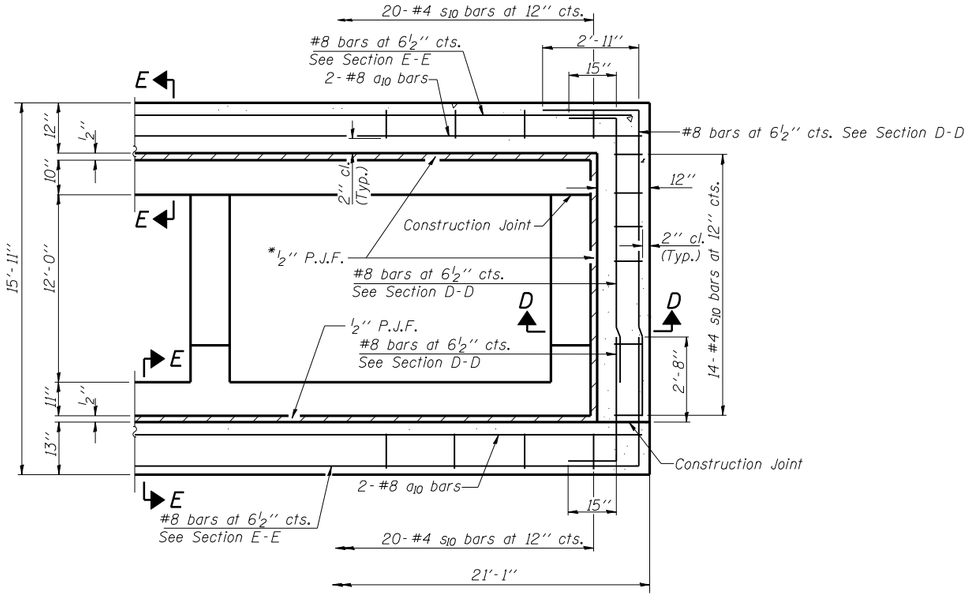
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| FAP 315 | 34-5(5B) | HANCOCK | 612 | 284 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- | | |

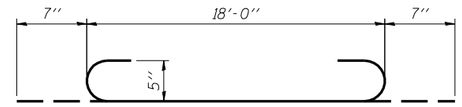
SHEET NO. 7

8 SHEETS

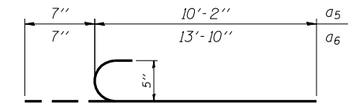
CONTRACT NO. 72682



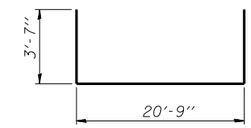

## SECTION THRU BOX AT COLLAR



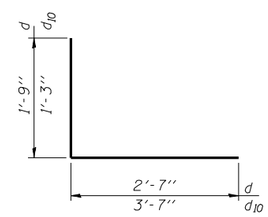

BAR a



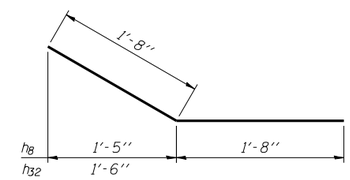

BARS $a_5$ & $a_6$



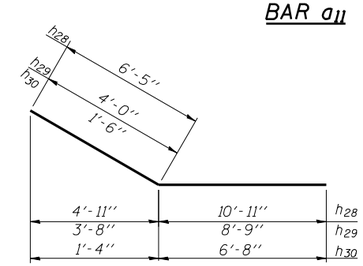

BAR $a_{11}$



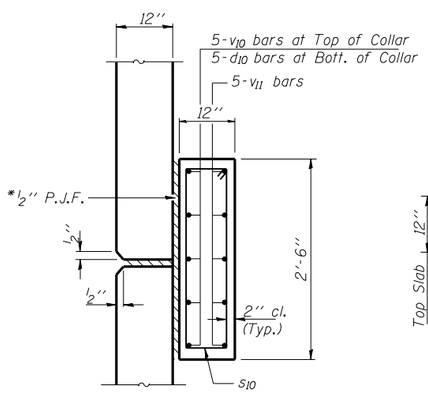

BARS d & $d_{10}$




BARS $h_8$ & $h_{32}$

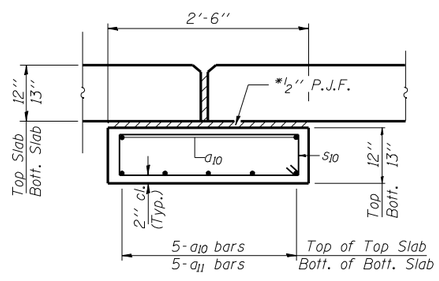



BARS $h_{28}$, $h_{29}$ & $h_{30}$



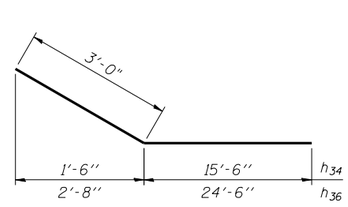

## SECTION D-D

Showing Collar Reinforcement

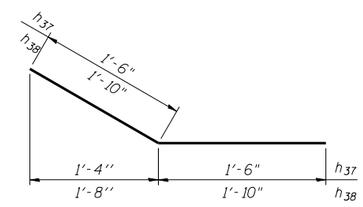



## SECTION E-E

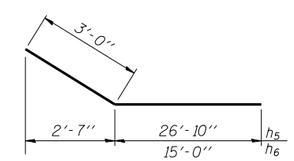
Showing Collar Reinforcement



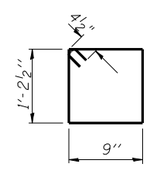

BARS $h_{34}$ & $h_{35}$



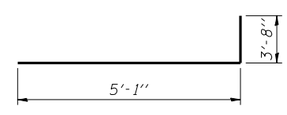

BARS $h_{37}$ & $h_{38}$



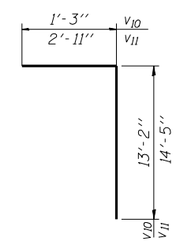

BARS $h_5$ & $h_6$



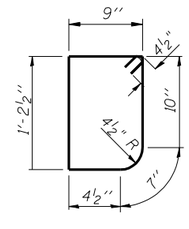

BAR $s_1$



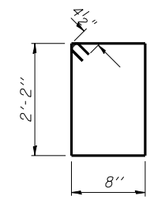

BAR $v_5$




BARS $v_{10}$ & $v_{11}$




BAR s




BAR $s_{10}$

## BILL OF MATERIAL EACH COLLAR

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| $a_{10}$ | 9 | #8 | 20'-9'' | |
| $a_{11}$ | 5 | #8 | 27'-11'' | |
| | | | | |
| $d_{10}$ | 10 | #8 | 4'-10'' | |
| | | | | |
| $s_{10}$ | 68 | #4 | 6'-5'' | |
| | | | | |
| $v_{10}$ | 10 | #8 | 14'-5'' | |
| $v_{11}$ | 10 | #8 | 17'-4'' | |
| | | | | |
| Concrete Box Culverts | | | Cu. Yd. | 6.6 |
| Reinforcement Bars | | | Pound | 2,140 |

*Cost included with Concrete Box Culverts

NOTES: There are 3 collars at this structure:
1 at North extension-Stage 3
2 at South extension-Stage 1
See Sheet 1 of 8 for locations

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE: SETTLEMENT COLLAR DETAILS & BAR DETAILS

PROJECT: IL. RTE. 336 OVER TRIB TO LA MOINE RIVER
FAP ROUTE 315 SECTION 34-5 (5B)
HANCOCK COUNTY
STATION 1318+53.88
STRUCTURE NUMBER 034-7001

PROJECT NO. 02076-4
SCALE
DATE 03/20/06
DRAWN BY TFG
CHECKED BY CME/MCB
DRAWING NO. 7 OF 8 SHTS

COOMBE-BLOXDORF P.C.
Engineers/Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

PLOT DATE = 5/4/2006
FILE NAME = c:\projects\8065530\ie_final\bloxdorf files\1318+53.88\sn 034-7001-sht-07-settlement-collar-barrels-ext.dgn
PLOT SCALE = 102.0588 '2" / IN.
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