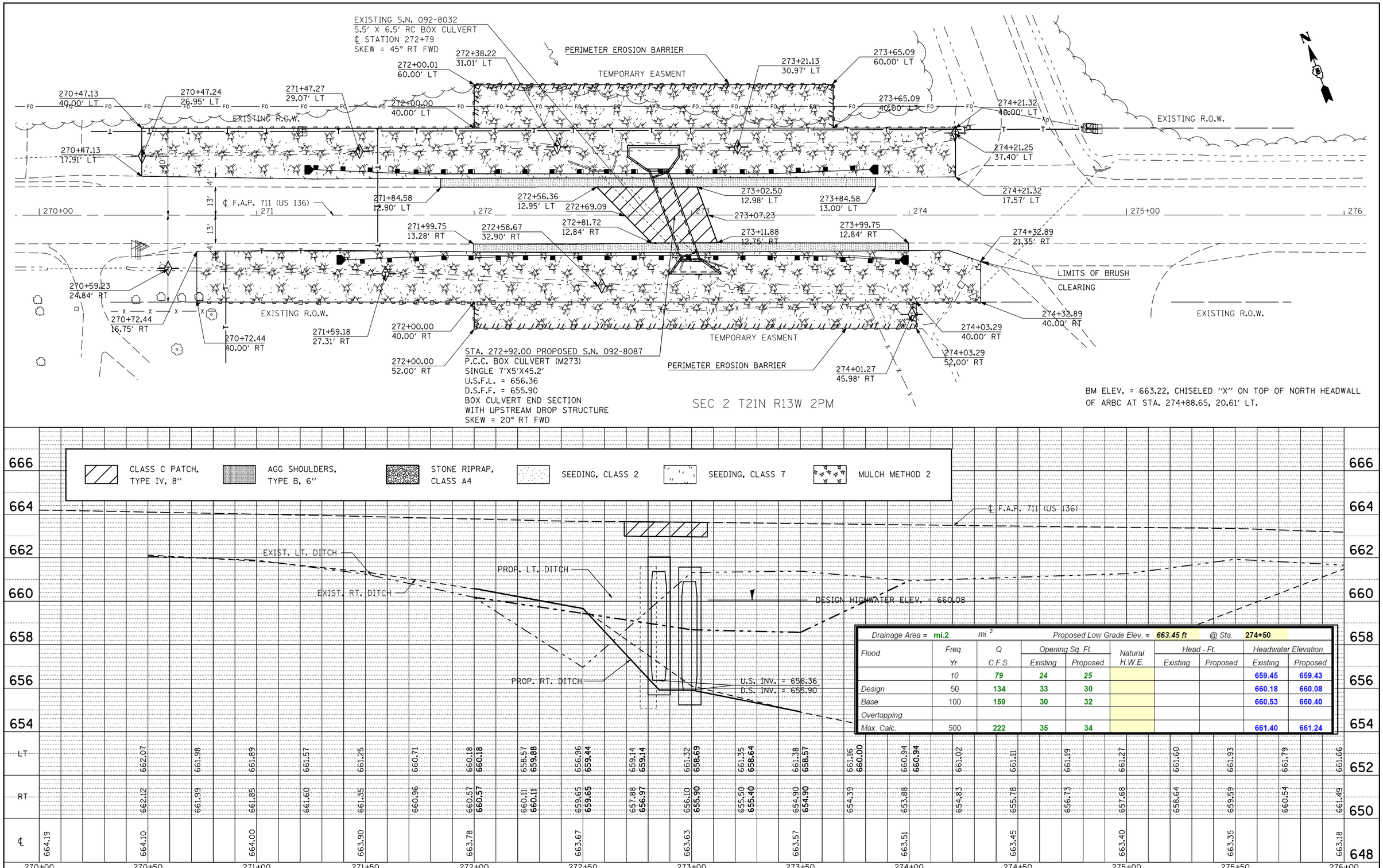


| Drainage Area = mi.2 mi.$^2$ | | | | | Proposed Low Grade Elev. = 663.45 ft @ Sta. 274+50 | | | |
|---|---|---|---|---|---|---|---|---|
| Flood | Freq. Yr. | Q C.F.S. | Opening Sq. Ft. Existing | Opening Sq. Ft. Proposed | Natural H.W.E. | Head - Ft. Existing | Head - Ft. Proposed | Headwater Elevation Existing | Headwater Elevation Proposed |
| | 10 | 79 | 24 | 25 | | | | 659.45 | 659.43 |
| Design | 50 | 134 | 33 | 30 | | | | 660.18 | 660.08 |
| Base | 100 | 159 | 30 | 32 | | | | 660.53 | 660.40 |
| Overtopping | | | | | | | | | |
| Max. Calc. | 500 | 222 | 35 | 34 | | | | 661.40 | 661.24 |

PLAN
NOTE BOOK NO. ____
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
DATE
BY

PROFILE
NOTE BOOK NO. ____
SURVEYED
PLOTTED
GRADES CHECKED
BLM. NOTED
STRUCTURE NOTATNS CHKD
DATE
BY

| | | | |
|---|---|---|---|
| FILE NAME = c:\pw_work\pwidot\shererjm\d0189007\D57067-sht-plnprf.dgn | USER NAME = shererjm | DESIGNED - JMS | REVISED - |
| | | DRAWN - REC | REVISED - |
| | PLOT SCALE = 40.0000 ' / IN. | CHECKED - JMS | REVISED - |
| | PLOT DATE = 11/16/2010 | DATE - 092010 | REVISED - |

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

**PLAN VIEW OF ACROSS ROAD BOX CULVERT**
**CULVERT NO. 2, S.N. 092-8087, STA. 272+92.00**

SCALE: 1:20 | SHEET NO. 1 OF 9 SHEETS | STA. 270+00.00 TO STA. 276+00.00

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 711 | 115CR | VERMILION | 39 | 19 |

CONTRACT NO. 70617

ILLINOIS FED. AID PROJECT