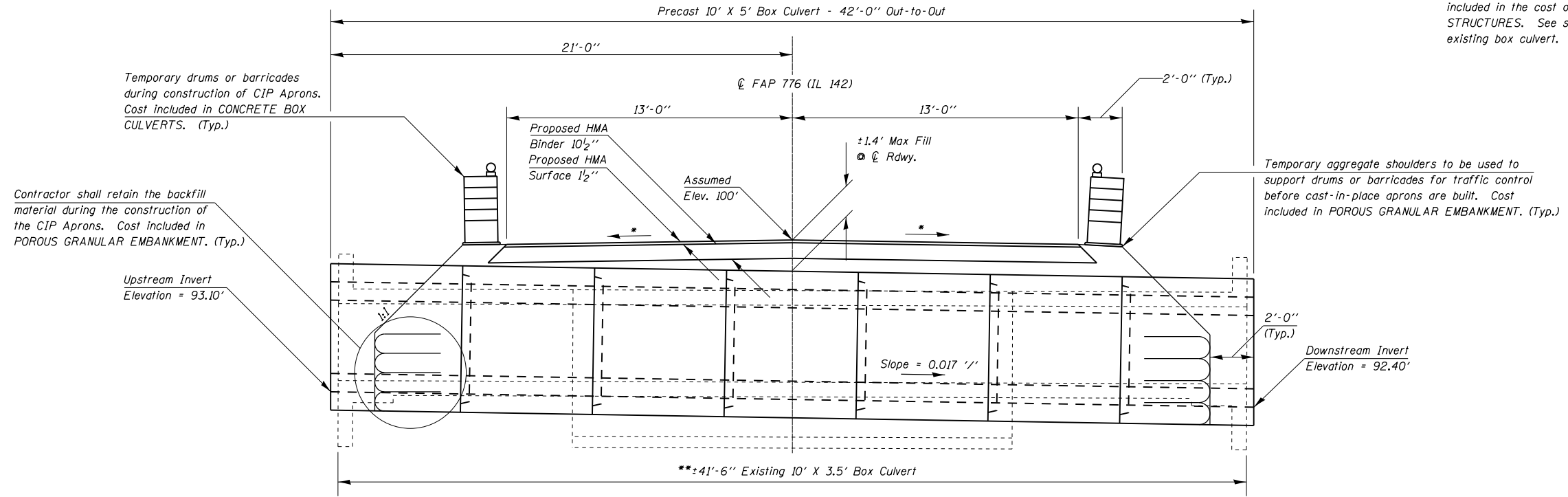


TEMPORARY SECTION PRIOR TO CONSTRUCTION OF CAST-IN-PLACE APRONS

- * Match Existing Cross Slopes
- ** The removal of the existing box culvert is to be included in the cost of REMOVAL OF EXISTING STRUCTURES. See sheet 9 of 9 for details of existing box culvert.



ELEVATION
(Looking North)

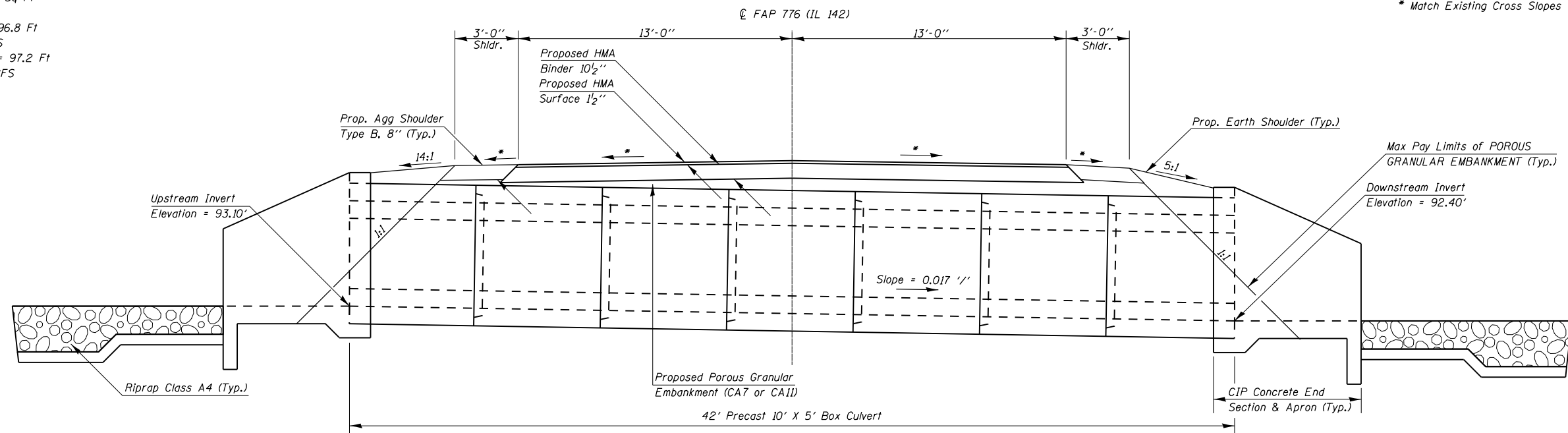
Precast Box Loading HL-93.
ASTM C 1557

HYDRAULIC DATA

Drainage Area = 0.5 Sq Mi
 Design Waterway Opening = 37 Sq Ft
 Design Discharge = 169 CFS
 Design Headwater Elevation = 96.8 Ft
 100 Year Discharge = 203 CFS
 100 Year Headwater Elevation = 97.2 Ft
 Overtopping > 500 Yr = 456 CFS

FINAL SECTION AFTER CONSTRUCTION OF CAST-IN-PLACE APRONS

- * Match Existing Cross Slopes



ELEVATION
(Looking North)

Precast Box Loading HL-93.
ASTM C 1557

PRECAST BOX CULVERT SCHEDULE (ASTM C 1557)

| STATION | SIZE | SKEW | DESIGN FILL (FT.) | | PGE BACKFILL REQUIRED |
|-----------|---------------|------|---------------------|---------|-----------------------|
| | | | EDGE OF SHLD. (MIN) | MAXIMUM | |
| 663+75.00 | SINGLE 10'X5' | 0 | ±1.0' | ±1.4' | 158 CU YD |