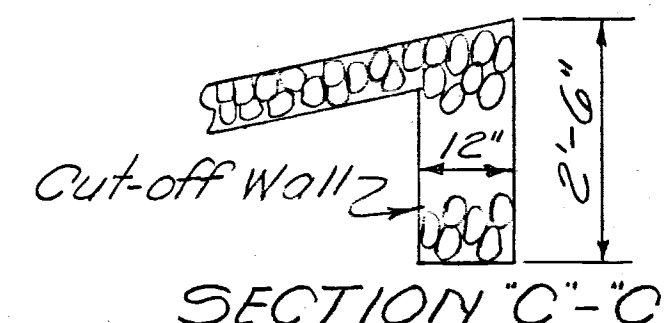
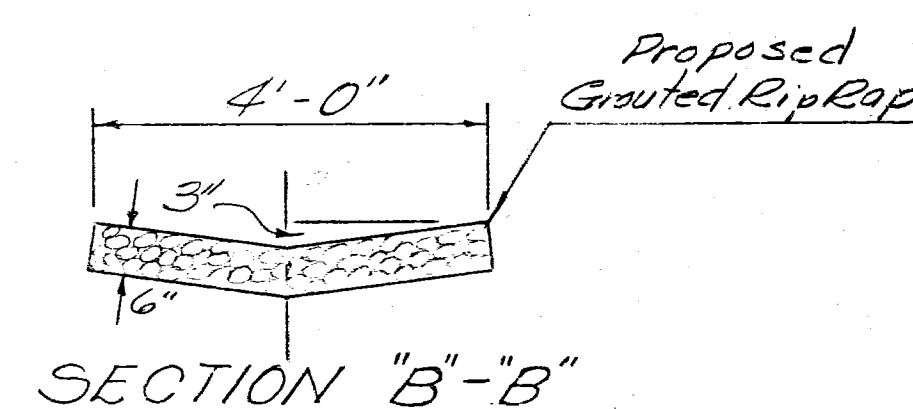
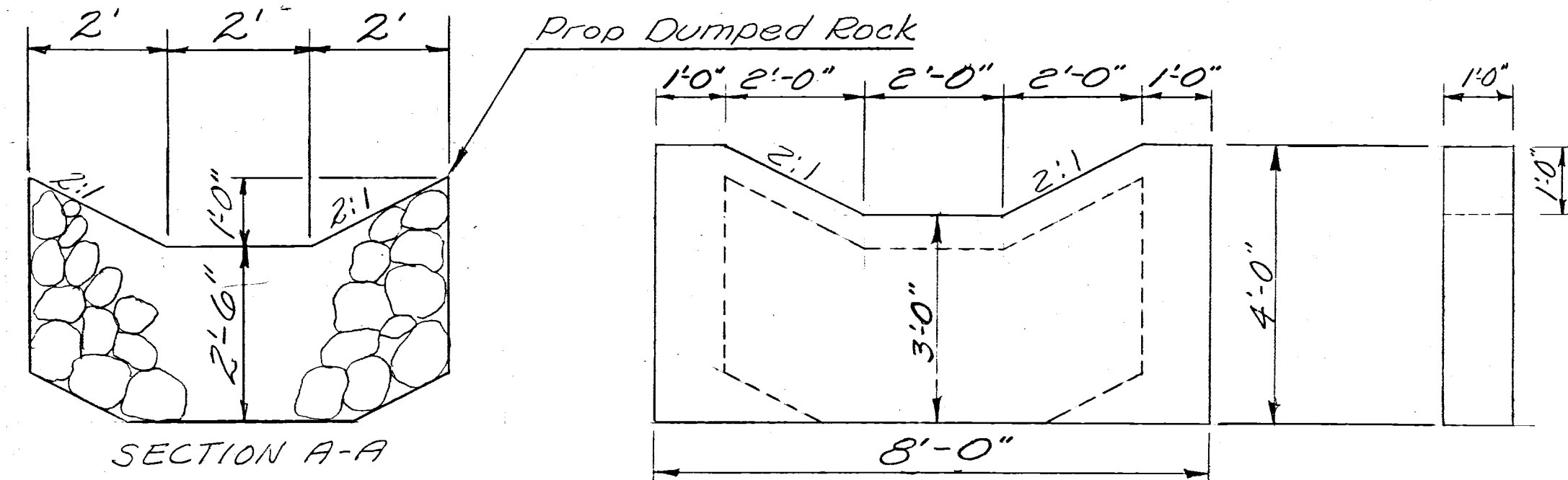
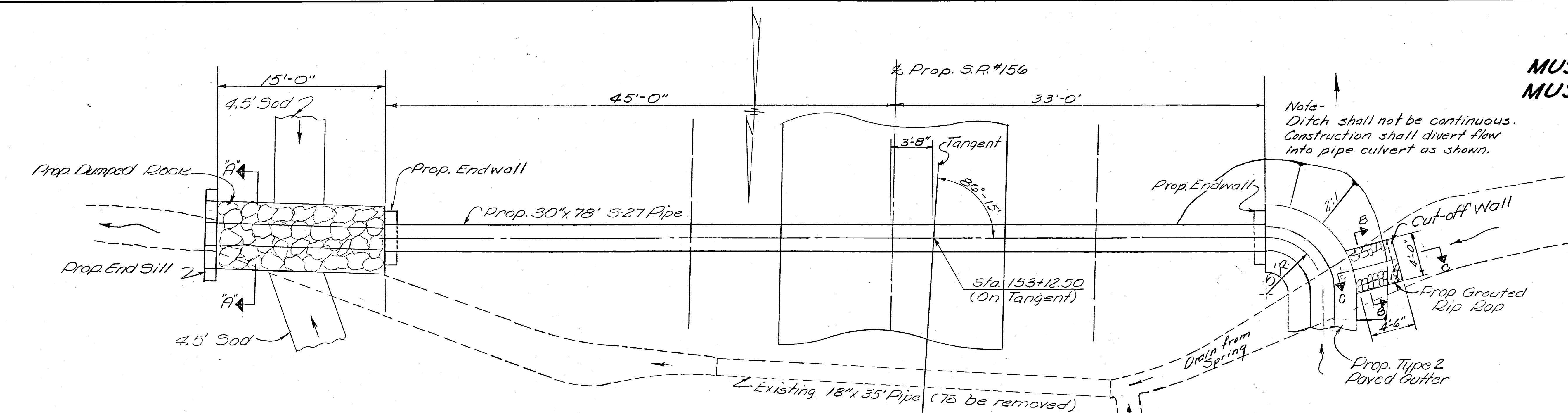
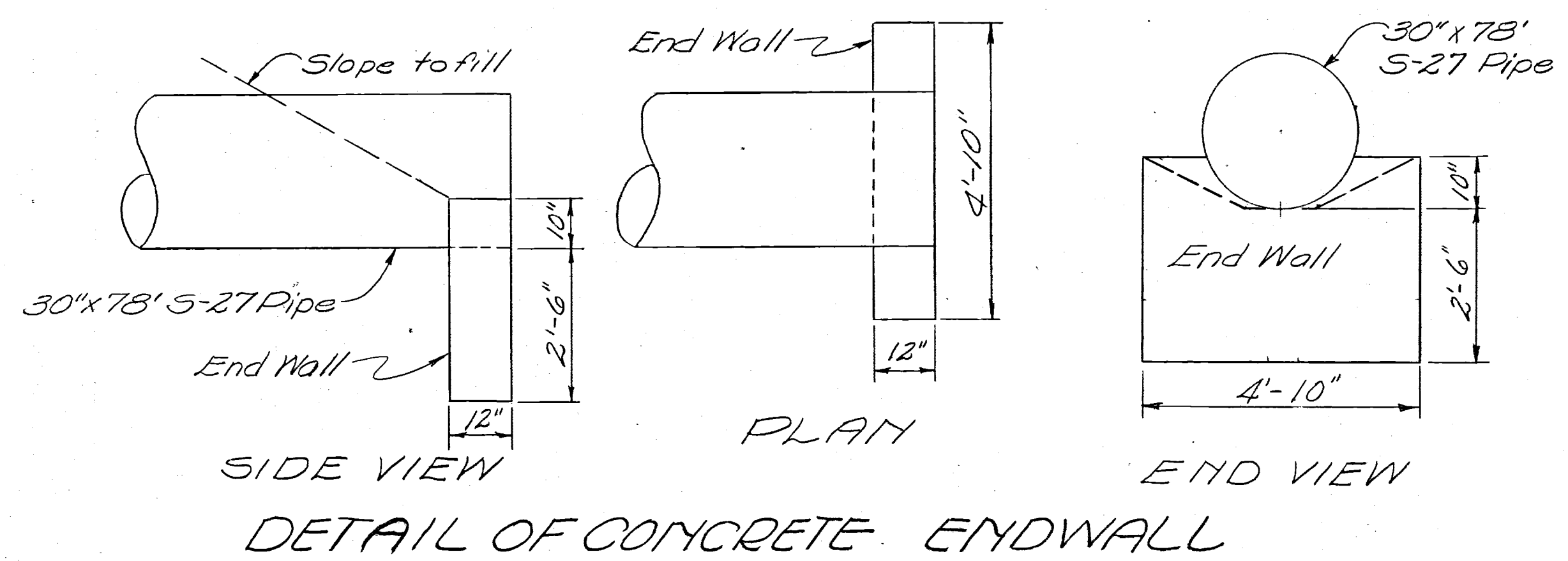
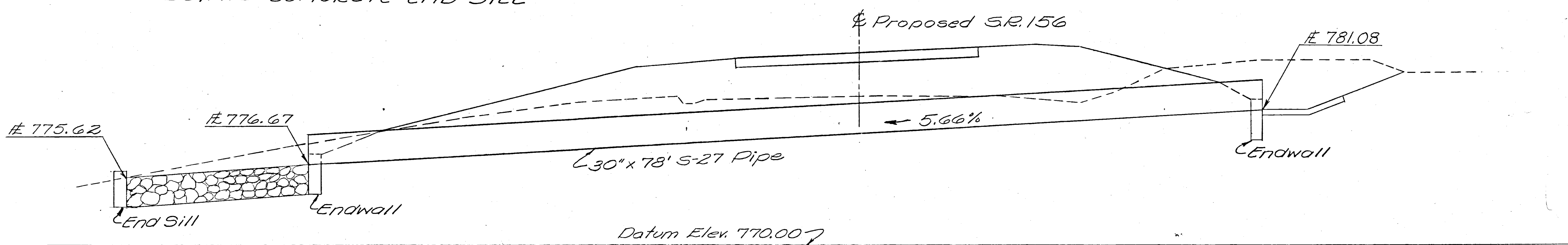


**MUSKINGUM COUNTY**  
**MUS - 156 - 2.85**

Note -  
Ditch shall not be continuous.  
Construction shall divert flow  
into pipe culvert as shown.



| DRAINAGE DATA |             |
|---------------|-------------|
| Area          | 24.6 Acres  |
| Q10           | 31.0 c.f.s. |



**ESTIMATED QUANTITIES**

|           |                                        |               |
|-----------|----------------------------------------|---------------|
| Item E-2  | Excavation for structure, Unclassified | 58 Cu. Yds.   |
| Item E-3  | Channel Excavation                     | 3 Cu. Yds.    |
| Item I-10 | Hand placed Riprap, Grout Filled       | 2 Sq. Yds.    |
| Item I-10 | Dumped Rock Channel Protection         | 8 Cu. Yds.    |
| Item S-1  | Concrete for Structures Class "E"      | 2.06 Cu. Yds. |
| Item S-27 | 30" Pipe for Roadway Culvert           | 78 Lin. Ft.   |

|                                                                                      |  |                                                                      |             |    |
|--------------------------------------------------------------------------------------|--|----------------------------------------------------------------------|-------------|----|
| REVISION                                                                             |  | DATE                                                                 | DESCRIPTION | BY |
| U. S. ARMY ENGINEER DISTRICT, HUNTINGTON<br>CORPS OF ENGINEERS<br>HUNTINGTON, W. VA. |  |                                                                      |             |    |
| DRAWN BY: EER                                                                        |  | LICKING RIVER<br>DILLON RESERVOIR PROJECT                            |             |    |
| TRACED BY:                                                                           |  | RELOCATION OF<br>OHIO STATE ROUTE NO. 156<br>(Section 3 & 4)         |             |    |
| CHECKED BY: JEW                                                                      |  | APPROVED: [Signature]<br>JULY 1959                                   |             |    |
| SUBMITTED BY: [Signature]<br>ELMER S. BARRETT ASSOCIATES                             |  | RECOMMENDED: [Signature]<br>ELMER S. BARRETT ASSOCIATES              |             |    |
| ELMER S. BARRETT ASSOCIATES<br>CONSULTING ENGINEERS<br>CHILLICOTHE, OHIO             |  | SCALE: 1" = 5'<br>DRAWING NUMBER<br>027f-UD6-68/43<br>SHEET 43 OF 62 |             |    |