



AREA = 170 ACRES  
Q<sub>50</sub> = 81 C.F.S.

SCALE: 1" = 10'

HEADWATER = 4.2 FT.  
OUTLET VELOCITY = 9.7 FPS.

**ESTIMATED QUANTITIES**

|       |                                  |           |
|-------|----------------------------------|-----------|
| * E-2 | Excavation for Structures        | 90.0 C.Y. |
| E-3   | Channel Excavation               | 11.0 C.Y. |
| S-1   | Concrete for Structure Class "C" | 30.2 C.Y. |
| S-4   | Reinforcing Steel                | 1776 Lbs. |
| S-27  | 48" Pipe for Roadway Culverts    | 108 L.F.  |
| L-10  | Sodding                          | 9.8 S.Y.  |

\*Includes E-2 for Headwalls.

**CULVERT DATA**

TYPE: Pipe Culvert S-27 M-6.6 (b)  
Type "B" Headwalls  
SIZE: 48" x 108'

