



GENERAL NOTES

- (A) THIS LAYOUT PROVIDES BRIDGE END FLUME DRAINAGE PLACEMENT DETAILS WHEN END OF THE BRIDGE DRAINS ARE OMITTED. THE DESIGN AND INSTALLATION OF FLUMES SHALL BE COORDINATED WITH HYDRAULIC ENGINEER.
- (B) EXTEND FLUME TO TOP OF BACKSLOPE.
- (C) PLACE GEOTEXTILE REINFORCEMENT BETWEEN THE EXCAVATED EMBANKMENT AND RIP-RAP STONE. TYPE III WOVEN FABRIC SHALL BE USED AND SHALL MEET THE MATERIAL REQUIREMENTS OF TDOT QPL 36.
- (D) FORM DEPRESSION INTO CONCRETE OR ASPHALT PAVEMENT SHOULDER AS NEEDED.
- (E) SEE STANDARD DRAWINGS S-AGT-SERIES FOR GUARDRAIL CONNECTION TO BRIDGE ENDS.
- (F) RIP-RAP FOR THE FLUME SHALL BE CLASS "A-1" AND PLACED TO CONFORM WITH THE DIMENSIONS AND GENERAL SHAPE AS SHOWN ON THIS DRAWING. THE TOP FIVE (5) FEET (MIN.) ADJACENT TO THE ROADWAY SHALL BE GROUTED. COST OF GROUT TO BE INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS.
- (G) PROPOSED FLUME ON EXISTING ROADWAY SLOPES SHALL BE EMBEDDED TO MATCH THE WIDTH AND DEPTH DIMENSIONS SHOWN ON THIS DRAWING.
- (H) PAYMENT FOR ROCK FLUMES SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR CONSTRUCTION AND WILL BE MADE UNDER THE FOLLOWING ITEM NUMBERS:

203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.
709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON
740-10.03	GEOTEXTILE (TYPE III) (EROSION CONTROL)	S.Y.