NOTES:
1. PROVIDE TRANSITION BETWEEN RIPRAPH APRON AND RIPRAPH TOE TRENCH.

FLOW

APRON x-xx°

LIMIT OF APRON

TOE OF SLOPE

LIMIT OF TOE TRENCH

SPILL THROUGH SLOPE

LIMIT OF RIPRAPH

LENGTH OF GUIDE BANK L = x-xx°

α roadway

PLAN VIEW

2'-0" MIN. FREEBOARD

EXISTING GRADE

DESIGN HIGH WATER

1V:2H

0'-xx° BEDDING LAYER

MINIMUM RIPRAPH THICKNESS = LARGER OF (1.5d_30 OR d_67)

GEOTEXTILE OR GRANULAR FILTER

SECTION A-A'

NOTES:
1. BEDDING LAYER IS NOT USED IF GRANULAR FILTER IS SELECTED.
2. BEDDING LAYER (OPTIONAL) MUST MEET FILTER REQUIREMENTS.
3. RIPRAPH KEY MAY BE REQUIRED AT TRANSITION TO ABUTMENT APRON.