TRAPEZOIDAL DITCH PLAN (NTS)

V-DITCH PLAN (NTS)

SECTION A-A
TRAPEZOIDAL- OR V-DITCH (NTS)

NOTES:
1. Construct Rock Check Dams with angular-shaped Gradation C Rock Mulch as defined in Section 810-2.03.3 of the Specifications and project special provisions. Natural river-run materials such as rounded river rocks/cobblestones and pebbles are NOT acceptable.
2. Slope shall be 1:2 to 1:3 or flatter if Check Dam is within the traffic clear zone/recovery areas as defined in ADO7 Roadway Design Guidelines (203.2 to 303.3 Roadside Recovery Areas).
3. Make field adjustments of sizing and spacing of Rock Check Dams as necessary for traffic safety as well as proper functioning of the drainage facilities.
4. Flatten and re-grade Rock Check Dams to the finished grade, level within the ditch, as soon as practicable for flow stabilization.
5. Make field adjustments and corrections of Rock Check Dam CM/BMP immediately if it is causing flooding, erosion, and/or affecting roadway safety.
6. Make field adjustments to ensure the top of the Rock Check Dam is approximately 2/3 height of the estimated ditch bankfull levels.
7. When not separately, the Rock Check Dam CM/BMP pay/obtain shall include all materials used for PRE BMPs all ground preparation, furnishing, installing, maintenance, flatting/grading back to the finished grade, as well as returning the area to an acceptable condition as approved by the Engineer.
8. Make field adjustments and corrections to ensure NO sensitive biological resources (native species / habitats) will be adversely impacted.