DETAIL ES15
GUARDRAIL END TREATMENT SLOPE PROTECTION

NOTES:
1. Install Sediment Waffle beyond the toe of new slope, use 9" diameter Sediment Waffles, unless directed by the Engineer. If slope exceeds 100 feet in length (top to toe), use 20" Sediment Waffles at toe of slope. Long slopes will require additional protection between toe and toe of slope.
2. Locate Sediment Waffle a minimum of 6'-0" from edge of roadway without guardrail.
3. Remove surface materials i.e., soils, rock, branches, leaves, slash and debris from the existing grade as needed to place the Sediment Waffle, refer to Sediment Waffle detail for installation.
4. The installation and maintenance of Guardrail End Treatment Slope Protection Cips/MBP's shall not negatively impact traffic safety, nor the design function of roadway or bridge drainage facilities. For erosion/sediment control purposes, Guardrail End Treatment Slope Protection Cips/MBP's shall be installed and maintained to carry the stormwater of at least 2-year, 24-hour events.
5. Make field adjustments and corrections of Guardrail Slope Protection Cips/MBP's immediately if it is causing flooding, and/or affecting roadway safety.
6. Make field adjustments and corrections to guardrail biological resources (native species / habitats) will be adversely impacted.