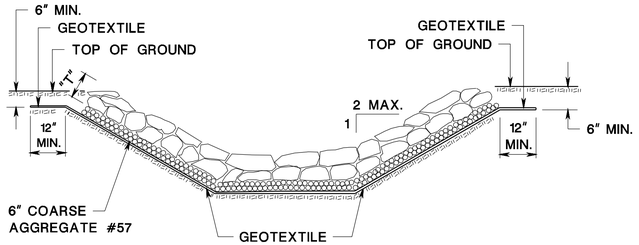
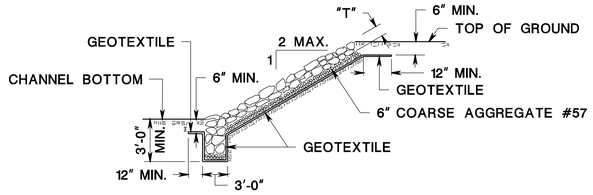
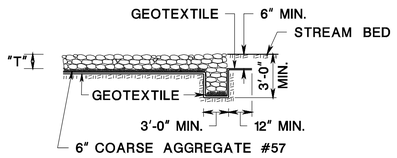


CHANNEL PROTECTION



SLOPE PROTECTION



END TREATMENT FOR CHANNEL PROTECTION

NOTE:

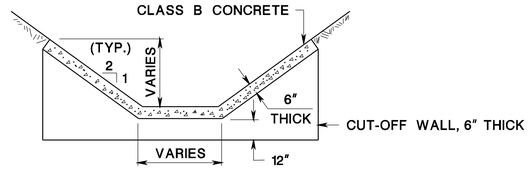
FOR WIDTHS AND SLOPES REFER TO CONSTRUCTION PLANS

"T" = $2d_{50}$

d_{50} = DESIGNATED MEDIAN STONE SIZE, 6" MIN.

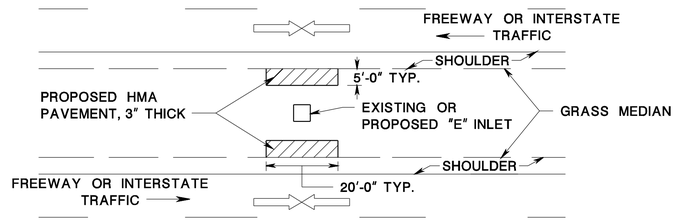
RIPRAP STONE CHANNEL /SLOPE PROTECTION

CD-603-1.1



CONCRETE SLOPE GUTTER, 6" THICK

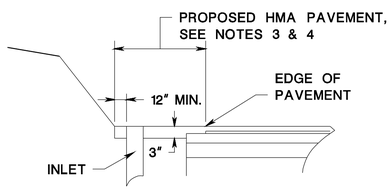
CD-603-1.3



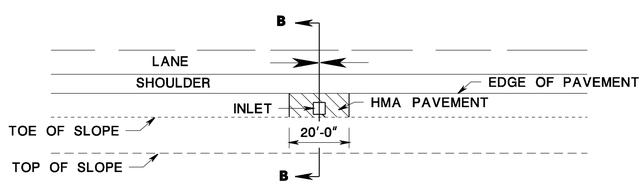
MEDIAN EDGE OF MAINLINE PAVEMENT

NOTES:

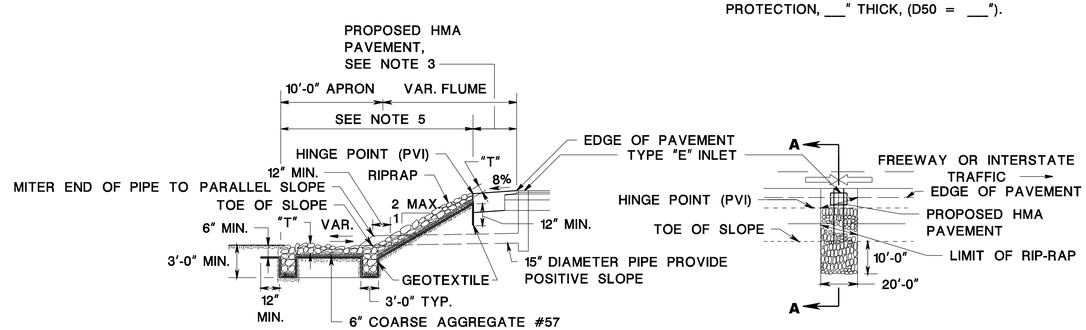
1. FOR SLOPES, REFER TO PLANS.
2. WHERE GUIDE RAIL EXISTS AT THE LOW POINT, THE PROPOSED HMA PAVEMENT HAS PREFERENCE OVER NON-VEGETATIVE SURFACE.
3. HMA PAVEMENT SHALL BE THE SAME AS THE SURFACE COURSE. IF THERE IS NO SURFACE COURSE ON THE PROJECT, USE A 9.5MM NOMINAL MAXIMUM SIZE HMA.
4. IN CUT SECTIONS THE HMA PAVEMENT SHALL BE GRADED TO DRAIN TOWARD THE INLET.
5. THE RIPRAP AND GEOTEXTILE MATERIALS SHALL BE PAID FOR UNDER THE ITEM RIPRAP STONE SLOPE PROTECTION, ___" THICK, (D50 = ___").



SECTION B–B



EDGE OF RAMP OR OUTSIDE EDGE OF MAINLINE PAVEMENT IN CUT



SECTION A–A **PLAN VIEW**

"T" = $2d_{50}$

D_{50} = DESIGNATED MEDIAN STONE SIZE (8" MIN")

EDGE OF RAMP OR OUTSIDE EDGE OF MAINLINE PAVEMENT IN FILL

SLOPE PROTECTION AT LOW POINTS OF UMBRELLA SECTIONS

CD-603-1.2

SLOPE AND CHANNEL PROTECTION

N.T.S.

HMA = HOT MIX ASPHALT

CD-603-1

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION DETAILS

BDC07D-01-ORIGINAL SHEET

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