sRFF001 \$RFF002 #RFF003 \$RFF004 #RFF005 #RFF006 *DGHLEV \$LEV002 \$LEV003 \$LEV006 DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT EC-6 DROP INLET SILT TRAP DROP INLET SILT TRAP TYPE B (TYPE A) (BLOCK AND GRAVEL) - CURB INLET 15" TEMPORARY
FILTER BARRIER
ADJACENT TO CONCRETE SEE STANDARD EC-5 FOR TEMPORARY FILTER BARRIER INSTALLATION REQUIREMENT TYPICAL TREATMENT FOR TYPICAL TREATMENT FOR DROP INLET RUNOFF WATER WITH OVERFLOW SEDIMENT DROP INLET WITH CONCRETE -FILTERED WATER GUTTER WITHOUT CONCRETE GUTTER (18" MAX) SEE NOTE 1 SEDIMENT %" x %" MESH HARDWARE CLOTH -SECTION A-A 2" X 4" WOOD STUD (TO KEEP FRONT BLOCKS IN PLACE) -ADJACENT CONCRETE-CONCRETE GUTTER (TYPICAL) $\pmb{\mathcal{X}}$ IF CHECK DAM IS LOCATED INSIDE CLEAR ZONE AND ADJACENT TO A TRAVELWAY, SLOPE FACING ON COMING TRAFFIC IS TO BE 6:1 AND MAXIMUM H IS TO BE 12". SECTION VIEW SPECIFIC APPLICATION GEOTEXTILE PRODUCTS DESIGNED TO BE INSERTED INTO GRATED DROP NILETS OR DESIGNED TO COVER THE SLOTS OF SLOT DROP NILETS, THAT HAVE BEEN APPROVED FOR USE ON YOU ON YOUT SPELL UST. WAY BE SUBSTITUTED FOR THE DROP INJECT PROJECTION DEVICES DETAILED FROM THE DROP INJECT PROTECTION DEVICES DETAILED FREEON. ?[.]\ THS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE AN OVERFLOW CAPABILITY IS NECESSARY TO PREVENT EXCESSIVE PONDING IN FRONT OF THE STRUCTURE. DITCH FLOW #3 COARSE AGGREGATE ALTERNATE DROP INLET SILT TRAP TYPE B (GRAVEL) SECTION B-B NOTES - %" X %" MESH HARDWARE CLOTH (EXTEND FULL LENGTH OF INLET) GRAVEL FILTER #3 AGGREGATE- POSTS AND TOP RAL SHALL BE A NOMINAL 2¹/₂" X 2¹/₂" OR A 3" DIA NO. 2 SOUTHERN PINE. A NOMINAL 2" X 2" OAK, OR STEEL HAVING A MIN, WEIGHT OF 1.25 LBX 2" LINEAR FOOT AND A MIN. LENGTH OF 5" FOR TEMPORARY SILT FERNCES. -FILTERED WATER RUNOFF WATER -· DIN STILL SEDIMENT SEDIMENT 2. END OF FILTER BARRIER TO BE EMBEDDED INTO AGGREGATE. . IF A DROP INLET IS LOCATED IN A SAG IN THE DITCH GRADE A CHECK DAM IS REQUIRED FOR EACH SIDE OF THE INLET THAT RECEIVES DITCH FLOW. CONCRETE GUTTER (TYPICAL) -CURB INLET SECTION VIEW . WHERE DRAINAGE AREAS EXCEED ONE ACRE OR DITCH GRADE EXCEEDS 3%, A TEMPORARY SEDIMENT FOREBAY SHALL BE INSTALLED WITH MINIMUM DIMENSIONS OF 12" DEPTH, 2' WIDTH AND 6' LENGTH. SPECIFIC APPLICATION THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS. SPECIFICATION REFERENCE DROP INLET SILT TRAP (TYPE A AND B) REV. 3/03 VIRGINIA DEPARTMENT OF TRANSPORTATION 114.07

> REV. 3/03 SPECIAL DESIGN SECTION DRAWING NO. 414-2

RANIO. PRINCE MISTING. MISTING.

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