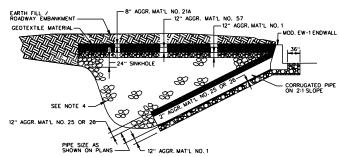
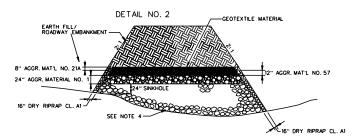
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

USARED	PANE). RESIDIN	STATE		STATE		SEET PO.
IN .			PROJECT	ROUTE	PROJECT	SHEET PER.
	1	VA.				
	REVISED	REVISED PANOA REGION 3	BEGGOV STATE	DEGON STATE PROJECT	DECOME STATE PROJECT BOUTE	BARE MAKET BONE MAKET

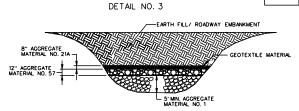
DETAIL NO. 1



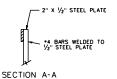
REMOVE ALL FOREIGN MATTER INCLUDING TRASH, REFUSE OR OTHER WASTE MATERIALS. EXCAVATE THE BOTTOM OF THE SINK TO ROCK, EXCAVATE THE SDES (BACK, AHEAD, AND TOWARD TOO FOR TOE OF THE SINK TO ROCK, EXCAVATE THE SDES (BACK, AHEAD, AND TOWARD TOE OF THE SINK MISTALL A PIPE OF SUFFICIENT GROTH FROM THE BOTTOM PLANE OF THE SINK MISTALL A PIPE OF SUFFICIENT GROTH FROM THE BOTTOM PLANE OF THE SINK MISTALL A PIPE OF SUFFICIENT GROTH FROM THE SUFFICIENT GROTH THE SUFFICIENT GROTH SUFFICIENT GROTH THE BACKFILL WITH DRY RIP RAP, CLASS ITO A HEIGHT OF 24" ABOVE ORIGINAL GROUND AS SHOWN. CAP WITH 12" ACRECATE MATERIAL NO. 12" OR SUFFICIENT GROTH GRO

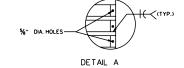


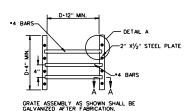
REMOVE ALL FOREIGN MATTER INCLUDING ALL VEGETATION, TRASH, REFUSE OR OTHER WASTE MATERIALS, EXCAVATE ALL UNSTABLE SOILS, FROM THE SIDES AND BOTTOM OF THE SIME BACKFILL WITH DRY RIP RAP, CLASS IT OA HEIGHT OF ZAP ABOVE THE SUFFACE DRANAGE LINE, CAP WITH 24" AGGREGATE MATERIAL NO. 1, 24" AGGREGATE MATERIAL OF SIME BESSED TO STABLIZE THE MIP RAP AND IT AGGREGATE MATERIAL AS EACH COURSE IS PLACED. PLACE A LAYER OF GEOTEXTILE MATERIAL ADDRESS. EARTH FILL IS BE PLACED. ABOVE THE GEOTEXTILE FABRIC AS NEEDED. OVERLAY EXPOSED RIP RAP/AGGREGATE FILL SLOPES WITH 16"



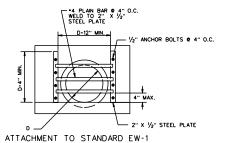
TREATMENT SHALL INCLUDE CLEARING AND GRUBBING, STRIPPING TOPSOIL AND REMOVING EXCESS ORGANIC MATERIAL. ALL FOREIGN MATTER INCLUDING TRASH, WHITE GODDS AND OTHER REFUSE OR WASTE MATERIALS SHALL BE REMOVED. STRIPPED SINKHOLE SHALL BE BACKFILLED WITH A MINIMUM OF 5'DEPTH OF NO.1 AGGREGATE WATERIALD WITH 12' OF NO. 5'A GORGGATE AND 8' OF AGGREGATE MATERIAL NO.21A. THE AGGREGATE SHALL BE OVERLAD WITH A CEOTEXTILE MATERIAL.







SPECIAL DESIGN GRATE DETAIL



FOR USE ON STANDARD EW-1

GENERAL NOTES:

- PRIOR TO ANY SINKHOLE EXCAVATION THE CONTRACTOR SHALL CONTACT THE DISTRICT MATERIALS ENGINEER.
- EACH SINKHOLE SHOULD BE TREATED ON AN INDIVIDUAL, SITE SPECIFIC BASIS DEPENDING ON THE CONDITIONS IN THE AREA.
- 3. CONSECUTIVE LAYERS OF AGGREGATE SHALL BE PLACED IN SUCH A MANNER AS TO PREVENT FUTURE MIGRATION OF SMALLER STONES INTO LARGER STONES.
- FUTURE MIGRATION OF SMALLER STONES INTO LARGER STONES.

 4. WHEN THE DEPTH OF A SINKHOLE OR A DEPRESSION IS LESS THAN 10'. AGGREGATE MATERIAL NO. 1 SHALL BE USED FOR BACKFILL IN LIEU OF DRY RIP-RAP. THE AGGREGATE MATERIAL NO. 1 SHALL BE USED TO A HEIGHT OF 24' ABOVE THE SUFFACE DRANMAGE LINE. THE AGGREGATE MATERIAL NO. 15 SHALL BE CAPPED WITH NO. 57 AGGREGATE, NO. 21A AGGREGATE, NO. 21A AGGREGATE, NO. 20EXTILLE MATERIAL AS NOTED ON THE APPLICABLE DETAIL.

 5. EXCAVATION RECSSARY FOR PLACEMENT OF THE SINKHOLE FILL SHALL BE MEASURED AND PAID FOR AS REGULAR EXCAVATION IN ACCORDANCE WITH THE SECTION 30.3 OF THE SPECIFICATIONS. ALL OTHER MATERIAL SHALL CONFORM TO AND BE MEASURED AND PAID FOR IN ACCORDANCE WITH THE APPLICABLE SECTIONS.
- 6. GEOTEXTILE MATERIAL SHALL CONFORM TO SECTION 245.03(B) OF THE SPECIFICATIONS
- 7. BASIS OF PAYMENT FOR SPECIAL DESIGN GRATE WILL BE MEASURED AND PAID FOR AT THE CONTRACT UNIT PRICE PER EACH. THIS PRICE SHALL INCLUDE ALL COST FOR FURNISHING THE FABRICATED GRATE AND ITS INSTALLATION. ALL HARDWARE, COUPINEDT, LABOR, TOOLS, GALVANIZING AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE UNIT PRICE PER EACH COST.

NEW 11/02 SPECIAL DESIGN SECTION DRAWING NO. 2944