PRINCE GEORGE COUNTY
DEPARTMENT OF PUBLIC UTILITIES
VDOT APPROVED

* ADT<500 = 4" OF BM-2
ADT<1000 = 6" OF BM-2
ADT<2000 = 8" OF BM-2
ADT>2000 = ENGINEER SHALL DESIGN
PEAVEMENT RESTORATIONS
BASED ON LOCATION AND
TRAFFIC VOLUME, IN
ACCORDANCE WITH VDOT'S
APPROVAL.

PLANT MIX 1.5 TIMES
THICKNESS OF EXISTING
PAVEMENT OR MINIMUM OF
(4"-8") OF ASPHALT
CONCRETE TYPE BM-2.

ASPHALT CONCRETE
TYPE SM-2A
165 LBS. PER SQ. YD.

*10' MIN.

10"-AGGREGATE MATERIAL
TYPE 1, SIZE 21A OR 21B.

CREATE A 12" BENCH (EACH SIDE) MINIMUM.

TACK COAT 0.05-0.15 GAL. SHALL
CONFORM TO THE REQUIREMENTS OF
AASHTO M208 PER SQ. YD. (EACH SIDE).

SELECT BACKFILL COMPACTED TO 95%
MAX. DENSITY FOR PROJECTS THAT
INCLUDE PARALLEL INSTALLATIONS
AND SEWER SERVICE CROSSINGS OR
OR 21A AGGREGATE BACKFILL
COMPACTED TO 95% MAX. DENSITY
95% MAX. DENSITY WHERE ONLY
INDIVIDUAL SEWER LINE/LATERAL
CROSSINGS ARE PROPOSED.

# 57 STONE BEDDING AND
BACKFILL (TYPICALLY REGD.
FOR PVC PIPE).

MIN. TRENCH WIDTH TO
SUPPORT TRENCH BOX.

* REPLACEMENT OF PAVEMENT SHALL BE FROM
EDGE OF PAVEMENT TO EDGE OF PAVEMENT.

NOTES:
A. ADT = AVERAGE DAILY TRAFFIC COUNT - INFORMATION ON
TRAFFIC COUNT MAY BE OBTAINED FROM VDOT PUBLICATIONS
AVAILABLE UPON REQUEST FROM VDOT.

B. FOR PARALLEL WORK, A COPY OF A DENSITY TEST RESULTS
TAKEN EVERY 1-2 FEET OF FILL MUST BE FURNISHED BY THE
CONTRACTOR TO VDOT. THE TEST RESULTS MUST VERIFY THAT
TESTS WERE TAKEN AT A MINIMUM SPACING OF EVERY 100 FEET
ALONG THE TRENCH. IF THESE RESULTS CAN NOT BE PROVIDED,
VDOT WILL REQUIRE AN ALTERNATE PAVEMENT REPLACEMENT
DETAIL (SEE PAV-5).

DATE
JAN. 2008

REVISIONS

TYPICAL SECTION FOR REPAIR OF OPEN CUT
AFTER PLACEMENT OF SEWER IN PLANT MIX ROADS
(APPLIES TO PARALLEL INSTALLATION AND CROSSINGS)

DRWG. NO.
PAV-5
SHT. 1 OF 2
ASPHALT CONCRETE
TYPE SM-2A
165 LBS. PER SQ. YD.

10'-AGGREGATE MATERIAL
TYPE 1, SIZE 21A OR 21B.

PLANT MIX MINIMUM OF
12" BM-2 (BASE MIX)

CREATE A 12' BENCH (EACH
SIDE) MINIMUM.

TACK COAT 0.05-0.15 GAL SHALL
CONFORM TO THE REQUIREMENTS OF
AASHTO M208 PER SQ. YD. (EACH SIDE).

SELECT BACKFILL COMPACTED TO 95% MAX.
DENSITY FOR PROJECTS THAT INCLUDE
PARALLEL INSTALLATIONS AND SEWER
SERVICE CROSSINGS, OR 21 OR 21A
AGGREGATE BACKFILL COMPACTED TO 95%
MAX. DENSITY WHERE ONLY INDIVIDUAL
SEWER LINE/LATERAL CROSSINGS ARE
PROPOSED.

PROPOSED SEWER LINE.

# 57 STONE BEDDING AND
BACKFILL (TYPICALLY REQD.
FOR PVC PIPE).

MIN. TRENCH WIDTH TO
SUPPORT TRENCH BOX.

REPLACEMENT OF PAVEMENT SHALL BE FROM
EDGE OF PAVEMENT TO EDGE OF PAVEMENT.

NOTE: SEE PAV-5 FOR ALTERNATIVE METHOD FOR REPLACING PAVEMENT.