A SQUARE VERTICAL CUT SHALL BE MADE
NEW A.C. PAVEMENT REPLACEMENT

NEW BASE COURSE (T - THICKNESS)

FIRM EXCAVATION LINE

NATIVE MATERIAL COMPACTED IN 6” LIFTS IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS

UTILITY TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS

NOTES:

1. THIS DETAIL MAY BE USED FOR PAVEMENT CUTS LESS THAN 200 SQ. FT.

2. EXISTING PAVEMENT MAY BE ROUGH CUT INITIALLY IN CONJUNCTION WITH TRENCHING.

3. A SQUARE VERTICAL CUT SHALL BE MADE IN THE EXISTING A.C. PAVEMENT AFTER PLACEMENT OF BACKFILL PRIOR TO PAVEMENT REPLACEMENT.

4. THICKNESS OF NEW A.C. PAVEMENT REPLACEMENT SHALL MATCH EXISTING (4” MIN.)

5. THICKNESS OF NEW BASE COURSE SHALL BE MINIMUM OF 6” OR EQUAL TO EXISTING, WHICHEVER IS GREATER.

SCALE: NOT TO SCALE
NOTES

1. THIS DETAIL MAY BE USED FOR PAVEMENT CUT LESS THAN 200 SQ. FT.

2. EXISTING PAVEMENT MAY BE ROUGH CUT INITIALLY IN CONJUNCTION WITH TRENCHING.

3. A SQUARE, VERTICAL CUT SHALL BE MADE IN THE EXISTING A.C. PAVEMENT AFTER PLACEMENT OF BACKFILL AND PRIOR TO PAVEMENT REPLACEMENT.

4. THICKNESS OF NEW A.C. PAVEMENT REPLACEMENT SHALL MATCH EXISTING.

5. THICKNESS OF PORTLAND CEMENT CONCRETE SHALL BE A MINIMUM OF 6” WITH A 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS.

6. THICKNESS OF NEW BASE COURSE SHALL BE A MINIMUM OF 6” WHEN THE EXISTING BASE COURSE EXCEEDS 12” IN DEPTH. STREETS WITH LESS THAN 12” OF EXISTING BASE COURSE REQUIRE NO NEW BASE COURSE.

SCALE: NOT TO SCALE
A SQUARE VERTICAL CUT SHALL BE MADE NEW A.C. PAVEMENT REPLACEMENT
6" MIN THICKNESS CONCRETE (MADE WITH PORTLAND CEMENT MIN. 4500 PSI COMP. STRENGTH @ 28 DAYS).

30" LONG REBAR AT 18" OR 30" ON CENTER (SEE DETAIL D-25B)

FIRM EXCAVATION LINE

6" MIN.

TOP 12" OF SELECT GRAVEL COMPACTED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS

NATIVE MATERIAL COMPACTED IN 6" LIFTS IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS

UTILITY TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS.

NOTES

1. EXISTING PAVEMENT MAY BE ROUGH CUT INITIALLY IN CONJUNCTION WITH TRENCHING.

2. A SQUARE, VERTICAL CUT SHALL BE MADE IN THE EXISTING A.C. PAVEMENT AFTER PLACEMENT OF BACKFILL AND PRIOR TO PAVEMENT REPLACEMENT.

3. THICKNESS OF CONCRETE AND A.C. SHALL BE EQUAL TO EXISTING CONCRETE AND A.C. THICKNESS WITH MINIMUM AS SHOWN.

4. DRILL AND EPOXY 30" LONG REBARS 15" DEEP INTO EXISTING CONCRETE PAVEMENT IN ACCORDANCE WITH DETAIL D-25B FOR TRANSVERSE AND LONGITUDINAL JOINTS.

SCALE: NOT TO SCALE

8/11/11
DATE APPROVED:

André P. Brackin
DEPARTMENT OF TRANSPORTATION

Utility Trench Repair Detail
Concrete Pavement
Standard Drawing

REVISION DATE: 11/10/04
FILE NAME: SD_4-22
NOTES

1. EXISTING PAVEMENT MAY BE ROUGH CUT INITIALLY IN CONJUNCTION WITH TRENCHING.

2. A SQUARE, VERTICAL CUT SHALL BE MADE IN THE EXISTING A.C. PAVEMENT AFTER PLACEMENT OF BACKFILL AND PRIOR TO PAVEMENT REPLACEMENT.

3. THICKNESS OF NEW A.C. PAVEMENT REPLACEMENT SHALL MATCH EXISTING OR 4” MINIMUM, WHICHEVER IS GREATER.