NOT TO SCALE

PLACE CEMENT SLURRY UP TO BOTTOM OF AB 2 BASE
TACK COAT ALL EDGES TYP

1.0' MAX

1.5' MIN HMA OVERLAY
3' MIN ASPHALT SURFACING SEE NOTE 1
BACKFILL COMPACTED TO 90% RELATIVE COMPACTION SEE NOTE 2
BEDDING AND UTILITY BACKFILL PER UTILITY COMPANY OR MANUFACTURERS SPECIFICATIONS SEE NOTE 3

BASE MATERIAL AND SUBGRADE COMPACTED TO 95% RELATIVE COMPACTION
6' MIN CLASS 2 BASE, SEE NOTE 1
6' MIN SUBGRADE WITH R-VALUE OF 40 OR BETTER
TACK COAT ALL EDGES VARIABLE

EXISTING ASPHALT

VARIABLE

NON-ASPHALT SURFACED AREAS
CASE 1

1.5' MIN HMA OVERLAY
3' MIN HMA, SEE NOTE 1

EXISTING ASPHALT
TACK COAT ALL EDGES

COMPACATION SAME AS CASE 2
6' MIN CLASS 2 BASE, SEE NOTE 1
6' MIN SUBGRADE WITH R-VALUE OF 40 OR BETTER
TACK COAT ALL EDGES

ASPHALT SURFACED STREET WITH OVERLAY PERPENDICULAR INSTALLATION
CASE 3

NOTES:
1. REPLACE STRUCTURAL SECTION AS FOLLOWS:
   SURFACING: EXISTING THICKNESS; OR 3' MIN HMA.
   BASE: CLASS 2 AB IN SAME THICKNESS AS EXISTING BASE.
   MATERIAL; 6' MIN AS DIRECTED BY THE INSPECTOR.
   IF A GEOSYNTHETIC MATERIAL (GEOGRID) IS ENCOUNTERED,
   TRENCH THROUGH GEOGRID AND PERFORM ONE OF THE FOLLOWING:
   1) REPLACE GEOGRID AT SAME ELEVATION WITH BUTT JOINT;
   2) DOUBLE THE THICKNESS OF EXISTING BASE; OR
   3) REPLACE EXISTING BASE WITH CEMENT SLURRY.
2. NO PONDING OR JETTING ALLOWED. A 1/2 SACK CEMENT SLURRY
   FOR DEEP (>4') AND 1 SACK CEMENT SLURRY FOR SHALLOW (<4')
   TRENCHES.
3. WHEN SOFT, SPONGY OR UNSUITABLE MATERIAL IN ENCOUNTERED,
   SUCH MATERIAL SHALL BE REMOVED TO THE LIMITS DIRECTED BY
   THE DIRECTOR OF TRANSPORTATION OR AFFECTED UTILITY
   COMPANY AND THE RESULTING EXCAVATION BACKFILLED WITH
   PIPE BEDDING MATERIAL.
4. WHEN REQUIRED IN THE ENCROACHMENT PERMIT OR AS DIRECTED
   BY THE INSPECTOR, THE NEW HMA SHOWN IN CASE 2 AND CASE 3
   SHALL BE PLACED FLUSH WITH THE EXISTING ASPHALT. ADDITIONAL
   1'-FOOT GRINDING OF THE EXISTING ASPHALT BEYOND THE
   EXCAVATION LIMIT OF THE TRENCH SHALL BE REQUIRED AND AS
   DETERMINED BY THE COUNTY.