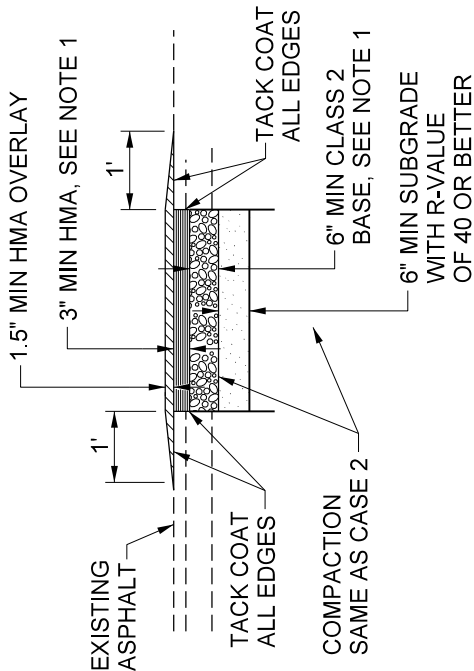


**NON-ASPHALT SURFACED AREAS CASE 1**

**ASPHALT SURFACED STREETS WITH OVERLAY PARALLEL INSTALLATION CASE 2**

- 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 IS 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.



**ASPHALT SURFACED STREET WITHOUT OVERLAY PERPENDICULAR INSTALLATION CASE 3**

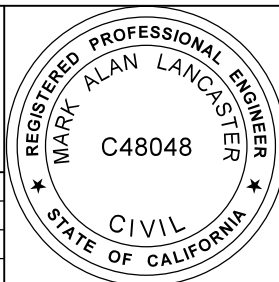
NOT TO SCALE

PREPARED UNDER THE SUPERVISION OF:

*Mark Lancaster*

11/30/22  
DATE

DIRECTOR OF TRANSPORTATION  
MARK LANCASTER, P.E.



COUNTY OF RIVERSIDE

**UTILITY TRENCH BACKFILL**

STANDARD No. 818

REVISION	DESCRIPTION	MARK	DATE	APPROVED