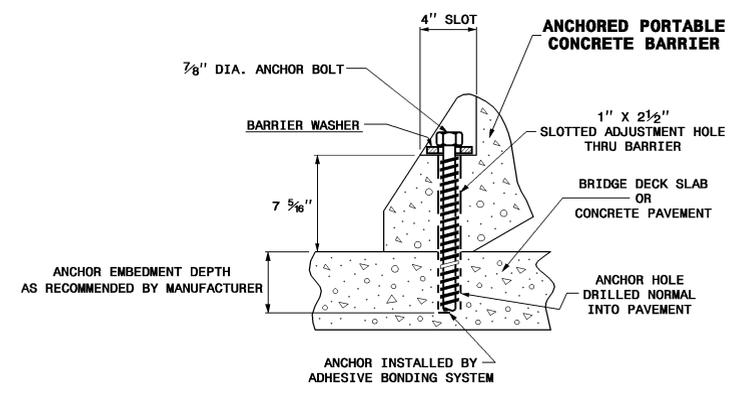


ADHESIVE BONDING SYSTEM ANCHOR METHOD

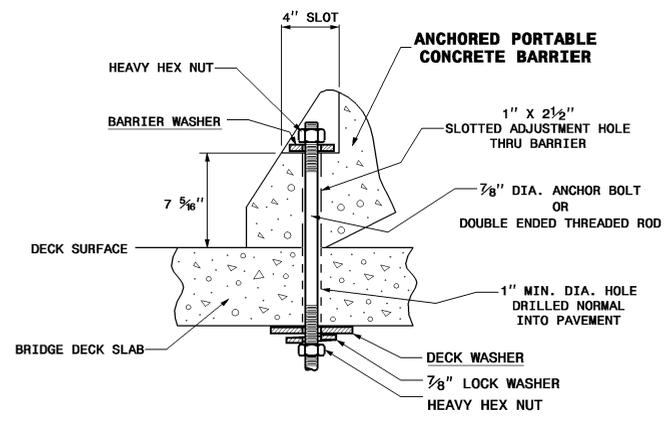
BRIDGE DECKS AND PORTLAND CEMENT CONCRETE PAVEMENTS



THRU-THE-DECK ANCHOR METHOD

BRIDGE DECKS

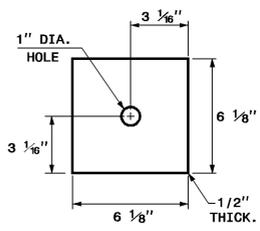
METHOD TO BE USED ON OLD BRIDGE DECKS ONLY AT TIMES WHEN SPECIFIED IN THE PLANS, OR WHEN DIRECTED BY THE ENGINEER.



DECK & BARRIER WASHERS

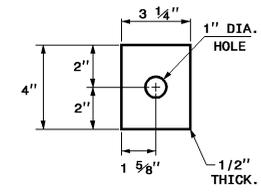
DECK WASHER

THRU-THE-DECK METHOD ONLY



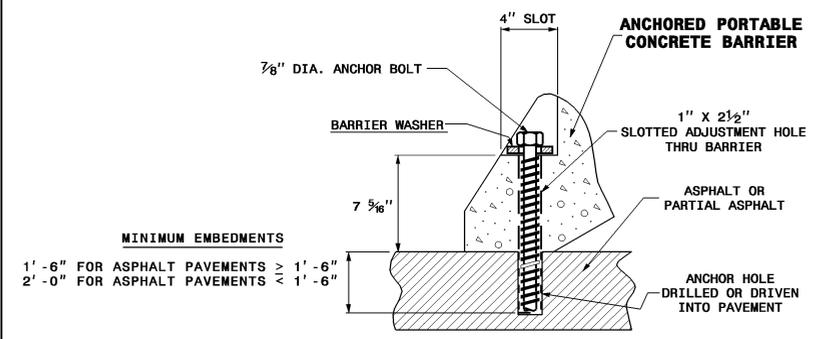
BARRIER WASHER

ALL APPLICATIONS



ANCHOR BOLT METHOD

BITUMINOUS PAVEMENTS



NOTE:
THESE EMBEDMENT DEPTHS ARE TYPICAL FOR MOST APPLICATIONS. HOWEVER, DUE TO VARYING ASPHALT CONDITIONS, THEY MAY NOT BE ADEQUATE FOR ALL CASES.

GENERAL NOTES

- EACH 10 FT. SECTION OF BARRIER REQUIRES 2 ANCHOR ASSEMBLIES WHEN INSTALLED ON CONCRETE, AND 4 ANCHOR ASSEMBLIES WHEN INSTALLED ON ASPHALT.
- EXPANSION ANCHORS WILL NOT BE PERMITTED FOR USE ON BRIDGE DECKS.
- DO NOT DRILL HOLES INTO PRESTRESSED CONCRETE BRIDGE DECK PANELS.
- USE ASTM A325 HIGH STRENGTH GALVANIZED ANCHOR BOLTS.
- DRILL ANCHOR HOLES IN CONCRETE WITH A PNEUMATIC DRILL.
- FOR BARRIER SECTIONS THAT EXTEND ACROSS CONCRETE JOINTS, DO NOT ANCHOR ON BOTH SIDES OF THE JOINT, OMIT THE ANCHOR CLOSEST TO THE JOINT.
- TIGHTEN ANCHORS "SNUG TIGHT". TURN THREADED RODS AT LEAST 1 FULL OF THREADS EXTENDING ABOVE THE NUT. DO NOT PROTRUDE THE TOP OF THE ANCHOR ABOVE THE SIDE OF THE BARRIER.
- COAT ANCHORS USED WITH THE ADHESIVE BONDING ANCHORING SYSTEM WITH A DEBONDING AGENT SO THE ANCHORS CAN BE EASILY REMOVED. DO NOT REDUCE THE STRENGTH OF THE ANCHOR SYSTEM WITH THE DEBONDING AGENT.
- ONCE REMOVED, COMPLETELY FILL ANCHOR HOLES WITH AN APPROVED, NON-SHRINK, NON-METALLIC GROUT, OR AS DIRECTED BY THE ENGINEER.