



DECK SIDE



A SECTION

- EAST ABUTMENT IS ON EXPANSION BEARINGS
- WEST ABUTMENT IS ON FIXED BEARINGS



1. REMOVE EXISTING DECK JOINT AND PART OF EXISTING CONCRETE UNDER THE JOINTS
2. CONTRACTOR SHALL REPLACE THE NORTH BOUND LANE DECK JOINTS, THEN SHIFT TRAFFIC TO THE NORTH BOUND SIDE AND REPLACE THE SOUTH BOUND LANE DECK JOINTS
3. CONTRACTOR TO COORDINATE DECK AND ABUTMENT REINFORCING WITH DECK JOINT ANCHORAGE LOCATIONS TO ENSURE PROPER INSTALLATION OF JOINT WITHOUT CONFLICT, CONTRACTOR TO NOTIFY THE DEPARTMENTAL REPRESENTATIVE OF ANY CONFLICTS AND RESULTING CORRECTIONS
4. FIELD WELD SHOP PREPARED CROWN SPLICE AND METALIZE ALL DAMAGED GALVANIZED SURFACES
5. ERECT JOINT ASSEMBLY INTO THE BLOCKOUT COMPLETE WITH ERECTION ANGLES ATTACHED AND ANCHORED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT SUFFICIENT SUPPORT, IN ADDITION TO THOSE SUPPORTS SHOWN ON THE DRAWINGS, IS PROVIDED WITH SUFFICIENT STRENGTH AND STIFFNESS SUCH THAT THE JOINT IS HELD SECURELY IN PLACE AT ALL STAGES OF CONSTRUCTION
6. ADJUST THE THREADED RODS SO THE JOINT IS AT THE CORRECT GRADE, CROWN, AND ELEVATION, SET ELEVATIONS BY INSTRUMENT, MAINTAIN THE DECK JOINT'S PRESET GAP UNLESS ADVISED BY THE DEPARTMENTAL REPRESENTATIVE TO RESET GAP
7. PROCEED WITH CONCRETE PLACEMENT AFTER APPROVAL FROM THE DEPARTMENTAL REPRESENTATIVE. ENSURE ANY TRAPPED AIR IS EXPELLED THRU BLEED HOLES
8. AFTER CONCRETE HAS ACHIEVED INITIAL SET, LOOSEN THE ERECTION ANGLE BOLTS AT SLOTTED HOLES JUST ENOUGH TO ALLOW FOR THERMAL MOVEMENT
9. ONCE CONCRETE HAS CURED, REMOVE ERECTION ANGLES AND FINISHING STRIPS
10. CLEAN EXCESS CONCRETE AND DEBRIS
11. APPLY SILANE SEALER TO EXPOSED CONCRETE SURFACES
12. REMOVE CURB COVER PLATES WHEN JOINT IS READY FOR STRIP SEAL INSTALLATION. INSTALL STRIP SEAL IN ONE CONTINUOUS PIECE
13. METALIZE ALL DAMAGED GALVANIZED SURFACES
14. RE-INSTALL CURB COVER PLATES AND TORQUE COVER PLATE BOLTS USING TURN OF NUT METHOD
15. USE STYROFOAM TO FORM THE REQUIRED GAP BETWEEN THE DECK AND THE ABUTMENT CONCRETE. EXTEND THE STYROFOAM INTO THE EXISTING GAP TO PREVENT ANY CONCRETE LEAKAGE INTO THE JOINT

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