1. See General Notes and Legends on Standard Sheet 502-09.

2. Center the weight portion of the structure into the casting longitudinally between the transverse joints.

3. Maintain 25'-6" slab lengths. Slabs may be lengthened to 32'-0" to resolve conflicts with structures in adjacent lanes. Provide transverse shrinkage joints. See General Notes on Standard Sheet 502-09, Note 3A, for satisfactory edge details. See Figure 2-1 for details of isolation/limitation in the transverse direction.

4. Use 6" graded aggregate base, crushed stone, and a minimum slab base surfacing material of 4" for long structures. Ensure the structure is 16'-0" wide. Overlap a minimum of 12" between the bar and the joints. Joint bars shall be utilized to ensure the bars may be bent to achieve clearances.

5. Use welded wire mesh, W4 4"x4". Maintain a 3" clearance between the wire mesh and all joints, joint bars, and utilities.

6. If the weight portion of a shallow utility falls within 12" of the project conditions, use the structure. Joint bars and reinforcing bars shall be utilized to ensure the structure and the masonry adjacent slab bars meet the geometrical requirements on Standard Sheet 502-09, Note 3A. Maintain 10'-0" slab lengths. Slabs may be lengthened to 16'-0" to resolve conflicts with structures in adjacent lanes provided the geometric requirements on Standard Sheet 502-08, Note 3A, is satisfied.

7. Use #6 grade 60 steel, epoxy coated, deformed bars placed at a depth of half the isolation slab thickness for reinforcement. For rectangular structures, place a 6" long bar at each corner. For round structures, encircle the structure with 6 bars, each bar at least 2" in diameter and spaced at 3" maximum. Maintain a horizontal clearance of 12" between the bar and the joints. Joint bars shall be utilized to ensure the bars may be bent to achieve clearances.

8. Use welded wire mesh, W4 4"x4". Maintain a 3" clearance between the wire mesh and all joints, joint bars, and utilities.

9. Use #6 grade 60 steel, epoxy coated, deformed bars placed at a depth of half the isolation slab thickness for reinforcement. For rectangular structures, place a 6" long bar at each corner. For round structures, encircle the structure with 6 bars, each bar at least 2" in diameter and spaced at 3" maximum. Maintain a horizontal clearance of 12" between the bar and the joints. Joint bars shall be utilized to ensure the bars may be bent to achieve clearances.

10. Use welded wire mesh, W4 4"x4". Maintain a 3" clearance between the wire mesh and all joints, joint bars, and utilities.

11. Use welded wire mesh, W4 4"x4". Maintain a 3" clearance between the wire mesh and all joints, joint bars, and utilities.