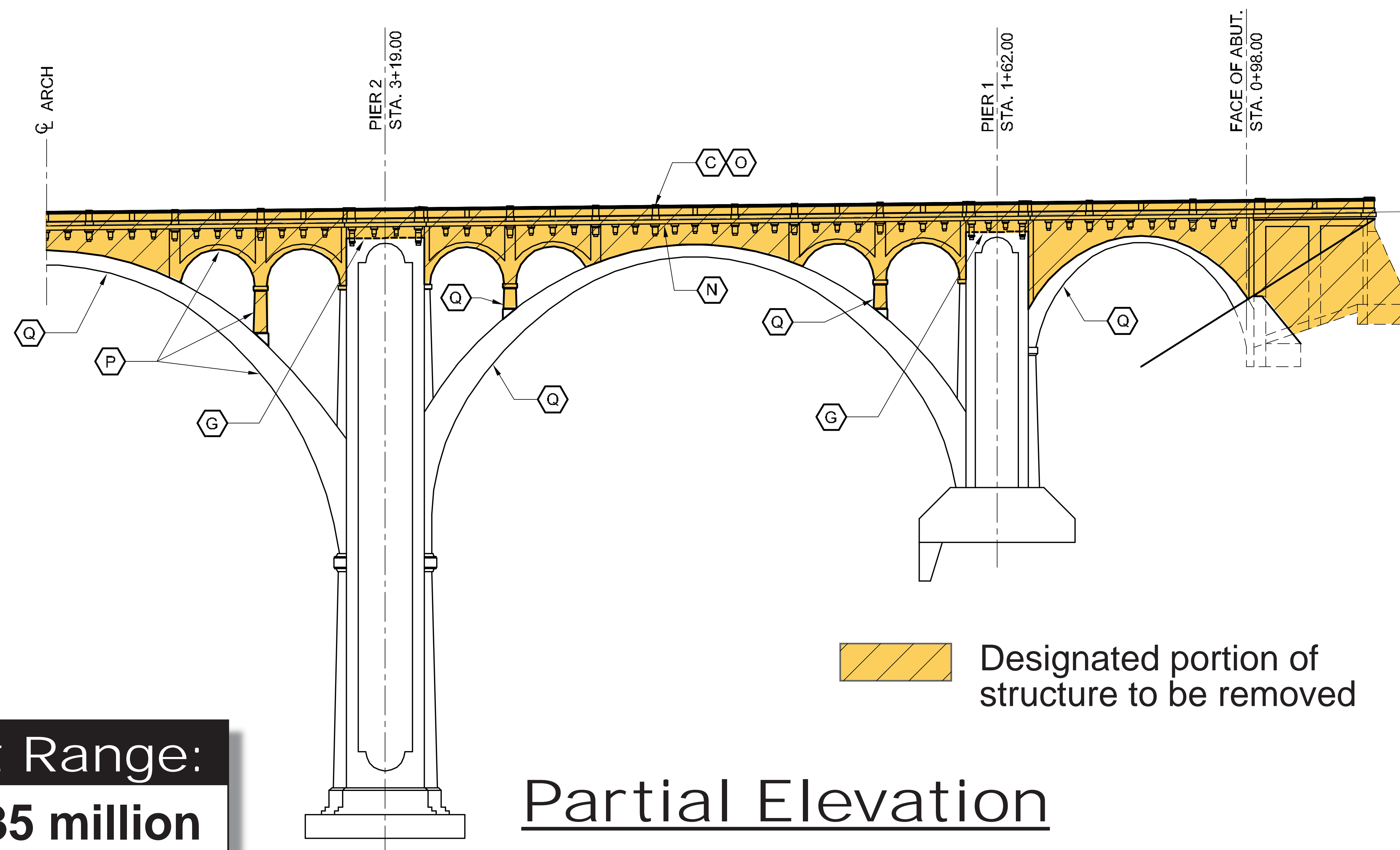
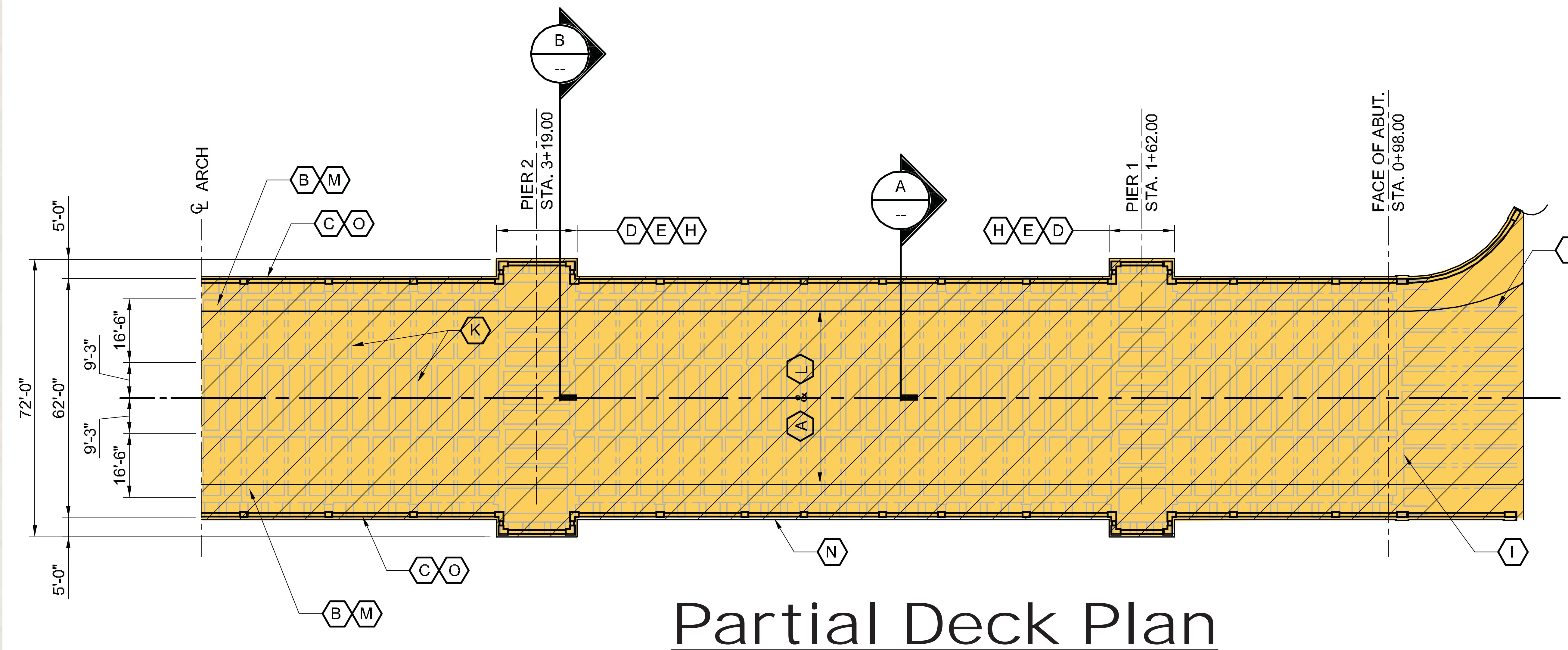
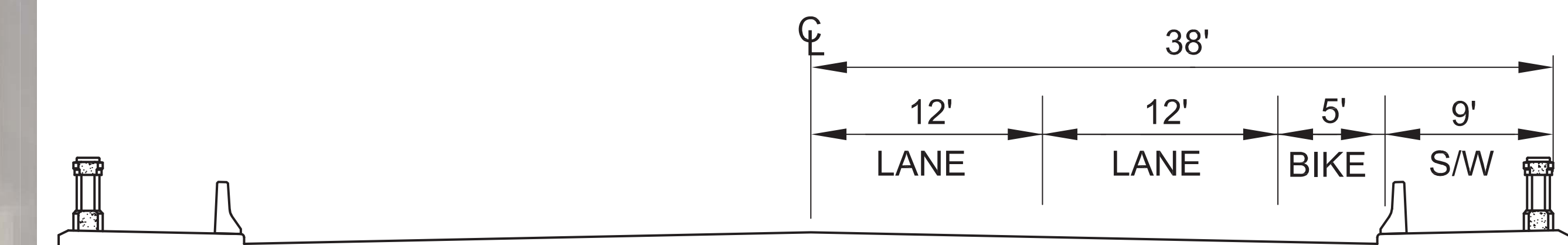


# Bridge Rehabilitation Structure Concept

## Alternative D: 4 Lanes with Bike Lanes



Cost Range:  
**\$22-35 million**

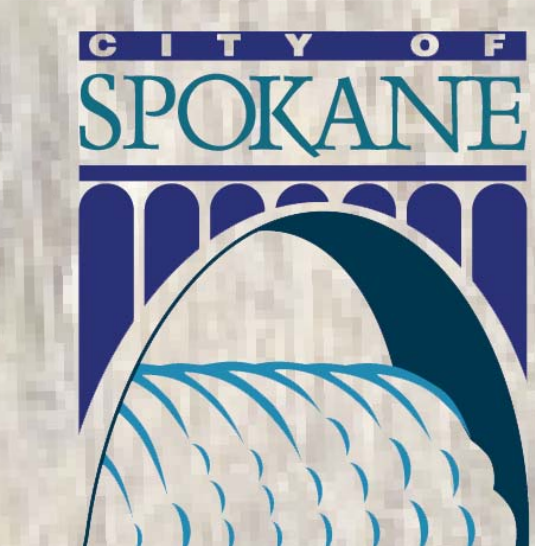


Alternative D – Long-Term Design Life  
(with 4-Lanes and Bike Lanes)

### Work Items

- (A) Remove existing overlay.
- (B) Remove existing traffic barrier and portion of sidewalk.
- (C) Remove existing pedestrian rail.
- (D) Remove existing pier top.
- (E) Remove existing drain pipe.
- (F) Remove existing light pole and base (not shown).
- (G) Remove existing concrete floor and install new metal grate floor.
- (H) Construct new pier top.
- (I) Repair delaminations in floor beams and stringers.
- (J) Repair delaminations in deck soffit.
- (K) Strengthen floor beams where designated.
- (L) Install 6" reinforced concrete overlay.
- (M) Install new traffic barrier.
- (N) Repair delaminated deck at edge.
- (O) Install new pedestrian rail.
- (P) Repair delaminations in spandrel arches and columns.
- (Q) Perform electrochemical chloride extraction at exterior arch ribs and spandrel columns.

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