

Diary Number: _____

Inspector Name: _____

TRACS Number: _____

Date: _____

Division VI: Structures

Title: Precast Concrete I-Beam and Box Beam

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| Structure Name |
| Structure Number |
| Structure Member |
| Start Station |
| End Station |

| Attribute Numbers | Compliance | Narratives | References |
|-------------------|------------|---|--------------------------------------|
| 0. | | All stakeholders have participated in the pre-activity meeting (can be combined with other pre-activity). | Construction Manual 601-3.03 (B) |
| 1. | | I-beams or box beam girders are stamped with "ADOT," the date, and girder numbers indicating prior inspection approval. | Construction Manual 601-2 |
| 2. | | Certificate of analysis and independent test results are submitted and approved for bearing pads? | Standard Specifications 1013-3 |
| 3. | | The bearing pad drawings need to be reviewed and approved by the Engineer. | Standard Specifications 1013-2.01 |
| 4. | | I-beam or box beam girders are the correct size, length, flange width, depth and are within the allowable tolerances. | Standard Specifications 601-4.02 (B) |
| 5. | | Tail ends of the pre-stressing strands are left extended past the ends of the girder to be incorporated into a fixed diaphragm in accordance with the project plans. Unless indicated on project plans, strands may not require to be cut flush with surface. | Standard Specifications 602-3.08 |
| 6. | | All strands required to be cut are ground flush with the surface of the concrete and are coated with a bitumastic type sealant. | Standard Specifications 602-3.08 |
| 7. | | I-beam or box beam girders are unloaded and set properly. | Standard Specifications 601-3.07 |
| 8. | | Both prior to and after installation the I-beam or box beam girders are inspected for cracks and other damage. | Standard Specifications 601-4.02 (B) |
| 9. | | Bearing pads meet the dimensions on the project plans. | Standard Specifications 1013-2.01 |

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| 10. | | I-beams or box beam girders are set on the centerline of the bearing pads and spaced as shown in the project plans. | Standard Specifications 601-4.02 (B)(2) |
| 11. | | Girder reinforcement inserts for ALL diaphragms match the plan locations and shop drawings. | Standard Specifications 601-4.02 (B)(3)(t) |
| 12. | | Transverse tensioning rods for box beams are properly installed and tensioned according to the project plans? | Standard Specifications 601-4.02(B)(3) |
| 13. | | Any damage to exposed epoxy-coated girder stirrups is repaired. | Standard Specifications 605-3.03 (B) |
| 14. | | Quantlist Minimum Frequency is being followed, one per Span. | Construction Bulletin 07-01 |