

SECTION 01892

RECONSTRUCT CATCH BASIN, CLEANOUT, METER, VALVE, MANHOLE, AND MONUMENT BOXES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Reconstruct catch basin, cleanout, meter, valve, manhole, and monument boxes to meet the grade of the adjacent surfaces.

1.2 RELATED SECTIONS

- A. Section 03055: Portland Cement Concrete

1.3 REFERENCES

- A. AASHTO M 105: Grey Iron Castings.

PART 2 PRODUCTS

2.1 CONCRETE

- A. Class AA(AE). Refer to Section 03055.

2.2 EXTENSION RINGS

- A. Cast iron. AASHTO M 105

PART 3 EXECUTION

3.1 RAISE BOXES

- A. Contractor options:
 - 1. Remove the cover and frame and raise the box using concrete.
 - 2. Raise the box using precast concrete manhole sections.
 - 3. Raise the frame and cover using adjustable extension rings.
- B. Set box so that all corners are within 1/8 inch lower than finished grade of roadway.

3.2 LOWER BOXES

- A. Remove the frame and break off the existing walls.
- B. Use concrete to provide a new seat for the frame.
- C. Set box so that all corners are within 1/8 inch lower than finished grade of roadway.

3.3 PAVEMENT REPAIR

- A. Place and compact approved material below the pavement structure.
- B. Place and consolidate Portland Cement Concrete the full depth of the pavement to match the existing pavement surface.

END OF SECTION