

**ORIGINATION FORM**  
**Proposed Revisions to the Maintenance Specifications**  
**(Please provide all information - incomplete forms will be returned)**

**Date:** \_\_\_\_\_ **Office:** \_\_\_\_\_

**Originator:** \_\_\_\_\_ **Specification Section:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_ **Article/Subarticle:** \_\_\_\_\_

**email:** \_\_\_\_\_ **Associated Section(s) Revisions:** \_\_\_\_\_

**Synopsis:** Summarize the changes:

**Justification:** Why does the existing language need to be changed?

Contact the State Specifications Office for assistance completing this form.

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## INLETS, MANHOLES, AND JUNCTION BOXES.

(REV 123-159-2518) (FY 20252026-2627)

ARTICLE 425-1 is deleted and replaced by the following:

### 425-1 Description.

Repair or replace Construct inlets, manholes, and junction boxes from using reinforced concrete as shown in the Standard Plans and the Plans. Furnish and install the necessary or replace metal frames and gratings. Construct yard drains from concrete meeting the requirements of Section 347. Adjust structures shown in the Plans to be adjusted or requiring adjustment for the satisfactory completion of the work when specified in the Work Document.

For precast structures, meet the requirements in 449-1.

Remove debris from manholes and inlets at locations as specified in the Work Document.

ARTICLE 425-6-7 is expanded by the addition of the following new Subarticle:

**425-67.1-8 Cleaning of Manholes and Inlets:** Clean manholes and inlets using a jet/vacuuming system or pumping system capable of removing water and debris into a collection bin. Remove and dispose of the water and debris collected in accordance with Federal, State, and Local Rules and Regulations.

ARTICLE 425-8 is deleted and replaced by the following substituted:

### 425-8 Method of Measurement.

The quantities to be paid for furnishing and installing inlets, manholes, junction boxes, yard drains, and grates will be the number of structures completed and accepted.

The quantities to be paid for cleaning manholes and inlets, repairing leaks in manholes and inlets, installing or resetting frame and grate, and installing or securing manhole frames and covers will be each manhole, inlet, frame, grate, and manhole frame and cover completed and accepted.

### 425-8 Method of Measurement.

The quantities to be paid for under this Section will also include:

1. The number of existing drainage structures modified,
2. The number of inlets relocated,
3. The number of inlets modified,
- 4.1 The number of manholes and inlets cleaned,
- 5.2 The number of leaks repaired in manholes and inlets,
- 6.3 The number of frames and grates furnished and installed,
- 7.4 The number of frames and grates reset,
8. The number of manholes and inlets cleaned and sealed,
- 9.5 The number of manhole frames and covers replaced  
precast caps for inlets (or poured in-place caps for inlets),
10. The number of manhole covers replaced  
grates replaced.

ARTICLE 425-9 is deleted and ~~replaced by~~ the following substituted:

**425-9 Basis of Payment.**

**425-9.1 New Structures:** Price and payment will be full compensation for furnishing all materials and completing all work described herein or shown in the ~~plans~~Plans, including all clearing and grubbing outside the limits of clearing and grubbing as shown in the ~~plans~~Plans, all excavation except the volume included in the measurement designated to be paid for under the items for the grading work on the project, all backfilling around the structures, the disposal of surplus material, and the furnishing and placing of all aprons, grating, frames, covers, and any other necessary fittings.

**425-9.2 Adjusted Structures:** When an item of payment for adjusting manholes, valve boxes, or inlets is provided in the proposal, price and payment will be full compensation for the number of such structures designated to be ~~paid for under separate items, and which are satisfactorily adjusted as specified in the Work Document, at the Contract unit prices each for Adjusting Inlets, Adjusting Manholes, and Adjusting Valve Boxes.~~

For any of such types of these structures required to be adjusted but for which no separate item of payment is shown in the proposal for the specific type, payment will be made under the item of ~~Adjusting~~ adjusting Miscellaneous miscellaneous Structures~~structures~~.

**425-9.3 Cleaning Manholes and Inlets:** The Contract unit price for cleaning manholes and inlets will include all labor, equipment, materials, and incidentals necessary for cleaning manholes and inlets, temporary removal of grates and covers, any temporary pipe plugs necessary to complete the work, and disposal of all water and debris removed.

**425-9.4 Repair Leaks in Manholes and Inlets:** The Contract unit price for repairing leaks in manholes and inlets will include all labor, equipment, materials, and incidentals necessary to repair ~~each minor~~ leaks as specified in the Work Document in accordance with Section 411.

**425-9.5 Replace Frame and Grates:** The Contract unit price will include all labor, equipment, materials (including concrete), and incidentals necessary to furnish and install each new frames and grates. The price will also include all cost for removing and ~~providing areas for~~ disposing of the replaced existing frames and grates.

**425-9.6 Reset Frame and Grate:** The Contract unit price will include all labor, equipment, materials (including concrete), disposing of debris, and incidentals necessary to reset existing frame and grate.

**425-9.7 Cleaning and Sealing Manholes and Inlets:** The Contract unit price ~~for cleaning and sealing manholes and inlets will include all labor, equipment, materials, and incidentals necessary for cleaning and sealing manholes and inlets~~will include all cost as specified in 425-8.4 and 425-8.5 above.

**425-9.8 Precast Cap for Inlet:** The Contract unit price will include all cost for labor, equipment, materials (concrete, reinforcing steel, etc.), removal and disposal of existing structure top, and incidentals necessary to replace an inlet by furnishing a new precast top or poured-in-place repair in accordance with the Department's Standard Plans and revisions thereto current at the time of contract letting.

**425-9.9 Replace Grate:** The Contract unit price will include all cost for labor, equipment, materials (including concrete), removing and disposing of existing grate, and incidentals necessary to replace existing grates of the type specified.

**425-9.10 Payment Items:** Payment will be made under the items specified in the Bid Price Proposal.