

## **SPECIAL PROVISIONS**

### **TIME OF THE ESSENCE OF CONTRACT**

With regard to all dates and time periods set forth or referred to in this Specification, time is of the essence. The work is to be completed within the time limits specified in the Contract.

It is the intent of the City of Lambertville that all work on this contract be completed within the year 2020. Contractors are required to provide a schedule with their bids indicating their ability to fulfill this intent, both in terms of available work force and available materials. It is understood that weather may have a negative impact to the intended schedule and therefore five (5) high priority catch basins have been identified for completion immediately upon notice to proceed in the event that weather forces some portion of the work to be postponed into Spring 2021.

The following is a general description of the Work to be completed and thereby does not represent a complete description of all the Work to be performed as specified in the Contract Documents.

### **SCOPE**

#### **Major Pay Items (Items estimated at 10% or more of the overall Engineer's Estimate):**

##### **Base Bid:**

- Repair Existing Inlet
- Reconstructed Inlet, Type "A", Using Existing Casting
- Reconstructed Inlet, Type "B", Using Existing Casting
- Reconstructed Inlet, Type "E", Using Existing Casting

The work shall also include, but not be limited to, the following:

Hot Mix Asphalt sawcutting and removal, Hot Mix Asphalt Patching and Repairs, Bicycle Safe Grate, Eco Curb Piece replacement, Concrete Vertical Curb, Riprap Channel Protection Repair, connection of existing roof drain leader to existing inlet, and any other work required to construct the repairs as outlined on the plans and in these specifications.

The following is a description of the Work to be completed at each catch basin location.

- Catch Basin #1 – Swan St NE Corner at S Franklin St – Block built Type "B" with standard curb piece and bicycle safe grate. Asphalt collapse/holes on uphill and street side. Partially filled with debris. Leveling course and top two courses of inlet block heavily damaged to greater 1' below finished grade (BFG). Curb piece, frame, and grate serviceable. Catch basin cleaning, full reconstruction with asphalt repair and Type "N" curb piece required. (HIGH PRIORITY)
- Catch Basin #2 – 120 Swan St N side – Parged Block built Type "B" with Type "N" curb piece and bicycle safe grate. Asphalt collapse/hole on street side. Leveling course and inlet block heavily damaged around pipes to greater than 2' BFG. Curb piece, frame, and grate serviceable. Catch basin cleaning and full reconstruction with asphalt repair required. (HIGH PRIORITY)
- Catch Basin #3 – Lincoln Ave SW Corner at Studdiford St. – Parged block/ring built-up Type "E" with bicycle safe grate. Asphalt sinking/partial failure on street side. Leveling course and top inlet block heavily damaged, remainder of structure in serviceable condition. Frame and grate serviceable. Catch basin cleaning, parging, and inlet repair with asphalt repair required. (HIGH PRIORITY)
- Catch Basin #4 – Douglas St SE Corner at Studdiford St – Block built Type "E" with bicycle safe grate. Grate covered in vegetation. Asphalt pavement fully failed with holes collapsing into basin on upslope shoulder side and street side. Inlet filled with debris. Leveling course and top two courses inlet block heavily damaged two sides. Frame and grates serviceable. Catch basin cleaning and full reconstruction with asphalt repair required. (HIGH PRIORITY)

- Catch Basin #5 – Alexander Ave and Delaware Rd NE side – Precast Type “E” with bicycle safe eco grates. Asphalt pavement collapsing into basin on upslope side and frame collapse into pavement on street side. Inlet filled with debris. Leveling course block heavily damaged/missing two sides leading to pavement collapse. Precast structure in serviceable condition. Frame and grates serviceable. Cleaning and catch basin repair with asphalt repair required. (HIGH PRIORITY)
- Catch Basin #6 – Stryker St SW Corner at Lincoln Ave. – Block built Type “E” with bicycle safe grates. Asphalt pavement sawcut 1-2’ off basin, pavement failed and collapsing into basin on uphill side, sinking on street and downslope side. Inlet filled with debris. Existing 4” HDPE roof leader on South side requires connection to inlet. Leveling course and top inlet block heavily damaged. Frame and grates serviceable. Catch basin cleaning and full reconstruction with modification to connect drain line and asphalt repair required.
- Catch Basin #7 – Lincoln Ave SE Corner at Stryker St – Block built Type “B” with standard curb piece and bicycle safe grate. Asphalt collapse/hole on street side. Partially filled with debris. Leveling course and top two courses of inlet block heavily damaged. Curb piece, frame, and grate serviceable. Catch basin cleaning, full reconstruction with asphalt repair and Type “N” curb piece required.
- Catch Basin #8 – Highland Ave & Douglas St SW Corner. – Parged block built-up Type “E” with bicycle safe eco grates. Asphalt cracking around inlet corners, pavement failing/sinking on street side. Inlet partially filled with debris. Leveling course heavily damaged, pipe penetrations require patching. Frame and grates serviceable. Catch basin cleaning and full reconstruction with asphalt repair required.
- Catch Basin #9 – 53 Douglas St – Block built Type “E” with bicycle safe grates. Asphalt pavement collapsing into basin on uphill street side. Leveling course heavily damaged two sides, top block damaged one side. Frame and grates serviceable. Catch basin cleaning, parging, and repair with asphalt repair required.
- Catch Basin #10 – Highland Ave between S Franklin and Boozer (NE end) – Block built Type “B” with Std curb piece and bicycle safe grate. Rear of basin open to infiltration/drainage swale behind curb. Asphalt collapse on upslope side. Basin completely filled with debris. Leveling course and top two courses of inlet block heavily damaged. Curb piece, frame, and grate serviceable. Catch basin cleaning, full reconstruction with asphalt repair and Type “N” curb piece required. Riprap channel protection repair required.
- Catch Basin #11 – Highland Ave between S Franklin and Boozer (Mid-block) – Block built Type “B” with Std curb piece and standard/non- bicycle safe grate. Rear of basin open to infiltration/drainage swale behind curb, 6” PVC in from scour hole across street. Asphalt collapse/hole on upslope side. Rear cap casting intact but not in place. Basin partially filled with debris. Leveling course and top two courses of inlet block heavily damaged. Curb piece, frame, and grate serviceable. Catch basin cleaning, full reconstruction with asphalt repair, ADA/bicycle-safe grate and Type “N” curb piece required. Riprap channel protection repair required.
- Catch Basin #12 – Highland Ave between S Franklin and Boozer (SW end) – Block built Type “B” with Std curb piece and standard/non- bicycle safe grate. Rear of basin open to infiltration/drainage swale behind curb. Asphalt collapse/hole around 3 sides of basin. Rear cap casting and curb piece intact but improperly placed. Basin completely filled with debris. Leveling course and top two courses of inlet block heavily damaged. Curb piece, frame, and grate serviceable. Catch basin cleaning, full reconstruction with asphalt repair, ADA/bicycle-safe grate and Type “N” curb piece required. Riprap channel protection repair required.
- Catch Basin #13 – 115 S Franklin St – Block built Type “E” with bicycle safe grates. Asphalt pavement collapsing into basin on upslope shoulder side and street side. Inlet filled with debris. Leveling course and top two courses inlet block heavily damaged two sides. Frame and grates serviceable. Cleaning and full catch basin reconstruction with asphalt repair required.
- Catch Basin #14 – 123 N Franklin St – Block built Type “A” with bicycle safe grate. Leveling course heavily damaged particularly curb side. Third block course from top exhibits spalling on curb side of basin – repair/replace blocks. Frame and grates serviceable. Cleaning, parging, and catch basin repair with asphalt repair required.
- Catch Basin #15 – 118 N Franklin St – Block built Type “A” with bicycle safe grate. Leveling course heavily damaged /missing, severe pavement collapse, frame unstable/able to be moved. Top block course damaged one side of basin, top several courses damaged/missing to 2’ BFG on street side and block damage several courses from top on curb side. Frame and grates serviceable. Inlet cleaning, parging, and full reconstruction with asphalt repair required.

- Catch Basin #16 – Jefferson Rd N at Rosemont Ave – Parged Block built Type “B” with standard curb piece and non-bicycle safe grate. Grate covered in leaves/debris. Asphalt collapse/hole on street side. Leveling course damaged/missing on street side leading to asphalt pavement collapse. Curb piece, frame, and grate serviceable. Catch basin cleaning, parging and repair with asphalt repair, Type “N” Eco curb piece and bicycle safe eco grate required.
- Catch Basin #17 – Rosemont Ave SE Corner at Delaware Rd. – Precast Type “B” inlet with Type “N” Eco curb piece and bicycle safe Eco grate. Inlet filled with debris. Leveling course damaged on two sides, missing on street side leading to asphalt pavement collapse. Basin grate partially paved over to a depth of 2+”. Precast basin, frame, and grate serviceable. Catch basin cleaning and repair with asphalt repair required.
- Catch Basin #18 – 38 Perry Rd. – Precast Type “B” inlet with Type “N” Eco curb piece and bicycle safe Eco grate. Inlet filled with debris/rocks. Asphalt pavement collapsing along street side, full pavement failure with hole on upslope side along curb. Leveling course damaged on two sides, missing on street side leading to asphalt pavement collapse. Frame resting on outlet pipe due to shallow invert and missing leveling course block. Precast basin, frame, and grate serviceable. Catch basin cleaning and repair with asphalt repair required.

### **PRELIMINARY SCHEDULES**

1. **The Contractor shall provide a Preliminary Schedule with the bid** indicating the ability (weather dependent) to complete all of the work in this contract within twenty (20) days, beginning with the top five (5) high priority catch basins as indicated on the plans and elsewhere in these specifications.
2. The Contractor shall provide a preliminary Schedule of Submittals for review by the Engineer no later than three (3) days after contract award, and is encouraged to provide the schedule with the bid package to expedite review.

### **WORKING HOURS**

Work may be performed Monday through Friday between the hours of 7:30 am and 4:30 pm. For local roads the Contractor may obtain a written pre-approval from the Owner for work on weekends or legal holidays only if the work does not require construction inspection by the Engineer. County and State hours shall be in accordance with applicable Road Opening Permits. NJDOT Utility Road Opening Permit shall be used to direct allowable working hours for NJDOT roads.

### **LIQUIDATED DAMAGES**

Liquidated damages shall be assessed to the contractor for failure to complete the work on time. Damages shall be assessed for each and every calendar day the work is not finished as specified in Article 4 of the Contract.

### **UNIFORMED TRAFFIC DIRECTORS**

The cost for Uniformed Traffic Directors will be reimbursed without markup. The Contractor shall arrange and coordinate with the police department as necessary to have Uniformed Traffic Directors assigned at the times and locations required. Separate payment will not be made for the time spent in arranging and coordinating staffing of Uniformed Traffic Directors, but all costs thereof shall be included in the prices bid for the various pay items in the proposal.

### **LOCAL AND COUNTY ROAD OPENING PERMITS**

The Contractor shall obtain all local, county and NJDOT road opening permits as required to perform the work as described in the contract documents. All fees associated with obtaining the permits will be reimbursed without markup. Separate payment will not be made for the time spent in arranging and coordinating road opening applications and approvals, but all costs thereof shall be included in the prices bid for the various pay items in the proposal.

### **END OF SECTION**