

City of Grant Michigan  
**SUPPLEMENTAL SPECIFICATIONS**  
2021 Street Improvements Rebid

The work under this contract shall be completed following the requirements of the most recent version of MDOT Standard Specifications for Construction and as herein specified. This project is partially funded by the MDOT Transportation Economic Development Fund – Category B Program. The payment of prevailing wages is not a requirement of this contract.

**Scope of Work**

Cold Mill and Non-Structural Overlay

- a. Lake Street, north of State Rd. (600 LF x 22 LF. 1,467 Sq. Yds)
  - b. Brink Street (1,120 LF x 22 LF. 2,738 Sq. Yds)
  - c. Divina Street (880 LF x 26 LF Irregular... 2,800 Sq. Yds)
  - d. Front Street, North of Divina Dr. (750 LF x 26 LF. 2,167 Sq. Yds)
  - e. Gordon Ave, between Front St. and City Limits (550 LF x 24 LF. 1,467 Sq. Yds)
1. Any structures (manhole covers, catch basins, etc.) in the areas to be milled shall be covered prior to milling and paving. The contractor shall be responsible for any needed cleaning of such structures resulting from the project.
  2. Cold milling of the current bituminous surface shall be done with an automated milling machine, starting at the existing curb and/or edge of pavement, milling to an average depth of 1-1/2 inches, with a curb-to-crown grade of ¼ inch per foot. Butt joints where overlays will meet existing pavement and sections where pavement abuts curbs/gutters and/or sidewalks shall also be milled, as needed.
  3. The contractor shall haul and dispose of any millings, the City has no desire to haul or keep millings.
  4. The contractor shall be responsible for ensuring that surfaces to be paved are even and free of debris, prior to the placement of new bituminous cap or overlay.
  5. Prior to paving, all structures shall be sprayed with a substance that will prevent paving materials from sticking to them. Said substance shall be removed after paving.
  6. A tack/bond coat shall be applied to edges (butt joint and/or curbs/gutters) and areas to be paved as needed, on the day said pavement is to be placed. This is not a pay item.
  7. Place new bituminous pavement (HMA 13A).
    - a. The bituminous cap shall be placed at an average course depth of 1-1/2 inches, with a curb-to-crown grade of ¼ inch per foot. (165 Lbs/SY).
    - b. The paving machine to be used must be self-propelled, capable of paving the total width of the street in 2 passes (or in as few as practicable while still maintaining the required grade).
    - c. Pavement edges that will have another pavement course placed against it shall be smoothed out over such material as burlap, for traffic use purposes as needed. Such material shall be removed prior to paving the edge.
    - d. Rolling shall be provided by Contractor in accordance to Section 501.
    - e. Plant certifications will not be required; however, if issues arise with the asphalt mix, testing and density testing will be required. Payment for HMA will be paid by the Ton, asphalt tickets shall be provided to the City during the paving work.

### HMA Sloped Curb

- a. N. Lake St: Install curb along edge of previously resurfaced portion (80 LF)
- b. Gordon/Front St Curve: Install curb after HMA overlay (80LF)

### **Street and Drive Approaches**

The contractor shall place bituminous material in the street and drive approaches, as necessary, to maintain positive drainage.

### **Contractor Schedule**

The Contractor shall provide to the Owner a schedule indicating the order in which the work will be completed and an approximate schedule of when the work will be done. The schedule must be given to the Owner at least 14 days prior to beginning the project so that area residents can be notified.

### **Time Constraint**

Work on these projects shall not commence before May 15, 2021 and shall be completed and open to traffic prior to September 30, 2021. No work shall occur on September 18, 2021. If the Bidder takes exception to the Time Constraint, Bidder is requested to stipulate in the Bid Proposal alternative dates for consideration by the Owner.

### **Residential and Commercial Access**

Access to driveways for local residents and businesses shall be maintained and available for use. All driveways shall be opened by the contractor when the contractor is not working, including evenings, nights, Sundays, and holidays, except as approved in writing by the Owner.

### **Road Closure**

Streets and alleys may be closed to through traffic, open to adjacent residential and commercial properties as stipulated above. Contractor is required to maintain traffic control.

### **Detours**

Should the contractor's operations require a detour, all costs of setting up the detour including signage and all notifications shall be covered by the contractor. The Owner must approval all detours. Detour requests shall be submitted in writing with back-up information as to route, signage, time, and dates.

### **Residential Refuse Collection**

The City contractor for trash collection is Republic Services of Pierson, MI. Collection begins at 7:30 a.m. every Tuesday. The contractor shall schedule the work to allow and provide access for refuse contractors to collect. It is recommended that the Contractor contact the refuse contractor to coordinate operations and to resolve potential issues. If the refuse contractor is unable to collect materials due to construction operations, then the Contractor shall collect and dispose of the refuse, in a legal manner, at no cost to the City.