

## SUPPLEMENTAL SPECIFICATIONS

The State of Ohio Department of Transportation Construction and Material Specifications (CMS), including all supplements thereto, most recent edition shall govern this project unless otherwise noted.

**Item 253, Pavement Repair Areas:** The minimum pavement repair width is 4'-0 on all pavement areas. **Repair areas shall be established by the ENGINEER in accordance with 253.02.** See Bid Schedule for depth of repairs.

### ***12" Base Repair work on Central Ave. (from Lake Street to US 36, SR 37 merge)***

Minimum repair width is to be 4'-0 and includes full depth pavement sawing or full depth milling, removal of loose material, tack vertical surfaces, compaction of pavement base, 10.5" of item 301 (placed in two (2) lifts), 1.5" item 448 H asphalt wearing course, crack sealant around perimeter of repair using de-tacking agent, all required signage/traffic control per OMUTCD, and two way traffic is to be maintained at all times with the use of flaggers. Any striping that is removed is to be replaced with permanent striping and is incidental to this item.

**Item 254, Pavement Planing, Asphalt Concrete:** This item includes pavement planning at depths as per bid schedule. CONTRACTOR shall also plane around all manholes, inlets, valve boxes, etc. to the satisfaction of the ENGINEER. Care shall be taken to prevent the removal of the existing pavement cross-slope (crown) as well as all longitudinal slopes within the existing crosswalks during the planning operations.

### **Item Special – Temporary wedge around structures, as per plan**

At the conclusion of each work day when pavement planing has occurred, a smooth transition must be created so the maximum pavement difference does not exceed 3/4" around all structures and water valves. Any material that is used for this purpose shall not move under traffic. Millings are not an acceptable material. If material other than hot mix asphalt is used, it must be removed in front of the paving operation to create full depth surface course. CONTRACTOR shall be responsible for maintaining until surface asphalt has been placed.

**Item 423, Crack Sealant, Type II:** CONTRACTOR is to apply a de-tacking agent to freshly sealed joints to allow traffic immediate access following crack seal operation. The cost of this is incidental to Item 423.

#### Locations:

- 1) The East terminus will be US36/SR37 merge west on Central Avenue.
- 2) East Terminus will be US 36/SR37 merge working west on E. William St.

**Item 614, Maintaining Traffic, As Per Plan:** The CONTRACTOR shall be responsible for all required traffic control. CONTRACTOR shall maintain two-way, one-lane traffic, in accordance with the Ohio "Manual of Traffic Control for Construction and Maintenance Operations," at all times. All costs including, but not limited to equipment, labor, and materials associated with traffic control shall be included in this item. A Maintenance of Traffic (M.O.T.) Request must be submitted to the PUBLIC WORKS DEPARTMENT for approval no less than five (5) working days in advance of any lane restrictions. Night work may be permissible at the discretion of the CONTRACTOR and upon approval of the ENGINEER. Law enforcement officers may be used for traffic control at Contractor's discretion and cost. All streets shall remain accessible to emergency vehicles at all times.

**Item 632, Loop Detector, As Per Plan:** This work shall include replacing any loop detectors damaged during planing or paving operations within five (5) working days. The locations, sizes, shapes of proposed loop detectors will be the same as existing unless otherwise noted. It is the CONTRACTOR'S responsibility to verify the location, size and shape of the existing loop detectors listed in the plan before the pavement planing removes them. Item includes sawing pavement slots, providing, installing and sealing detector wire, removing and replacing any concrete and/or brickwork, and performing connection to existing pull box. The CONTRACTOR shall contact the ENGINEER at least 48 hours

(excluding Saturday and Sunday) in advance of removing a loop detector to coordinate necessary signal operation modifications with the CITY.

**Item 644, Thermoplastic Pavement Marking:** Prior to the placement of all permanent pavement markings the CONTRACTOR shall notify the ENGINEER a minimum of 48 hours (excluding Saturday and Sunday) before permanent markings are to be placed, to inspect and approve all pre-markings. CONTRACTOR shall follow the details provided regarding railroad crossings and shared roadway symbols.

## PROJECT NOTES

**Utilities:** CONTRACTOR shall be responsible for notifying the Ohio Utilities Protection Service at 1-800-362-2764 at least two (2) working days prior to any work.

**Staging Area:** The CONTRACTOR is responsible for locating construction staging areas necessary for the storage of equipment during the project. The cost of staging areas is incidental to the project. The CONTRACTOR may not store any equipment within public streets or right of way, unless authorized by the ENGINEER.

**Contractor Schedule:** Upon award, the CONTRACTOR shall provide the CITY with a written schedule of all construction activities to be performed in advance of mobilization of any operation. The following schedule restrictions apply to this project:

**See Bid Schedule for Completion Dates**

- **Contract cannot be awarded until OPWC funding is released. This typically occurs the first week of July.**

**NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING THE FOLLOWING DESIGNATED HOLIDAYS OR EVENTS:**

7/04/16	(Independence Day)
7/09/16 – 7/10/16	(Mingo Man and Staley Triathlons)
7/22/16 – 7/23/16	(Car Show)
8/05/16	(First Friday) after 4 pm
8/17/16	(First day of School)
8/21/16	(Ironman triathlon)
9/02/16	(First Friday) after 4 pm
9/05/16	(Labor Day)
9/11/16	(Horse Parade)
9/22/16	(Brown Jug Day)
10/07/16	(First Friday) after 4 pm

**Drainage at Intersecting Streets:** At intersecting streets where the drainage is toward or into the project, special care shall be taken by the CONTRACTOR to maintain proper grade along the edge of pavement so that water will not pond. At intersecting streets, care shall be taken to feather down and form a neat seam with the proper grade.

**Street Posting:** CONTRACTOR shall be responsible for posting "No Parking" signs ("for paving work") on all streets 72 hours prior to any operation. Signs shall include no more than three consecutive days of work and be provided by CONTRACTOR to the satisfaction of the ENGINEER. Signs must include specific dates, times and property/driveway restrictions that will be in place during paving operations, and be updated as required for changes in schedule. Signs must meet the City standard and shall be posted every fifty feet (50') on alternating sides of the street. Signs shall be affixed by heavy-duty staples to 2" wood lathe, four foot (4') long, and not to utility poles, parking meter posts, trees, existing signposts, etc. Contractor shall remove all signs as soon as work on any particular street is complete.

**Joints in Asphalt Concrete:** All asphalt concrete joints created when crossing or abutting adjacent streets shall have a clean, straight vertical face. Any joints created that are a depth of 1.5 inches or less, the CONTRACTOR shall place "Bump" signs at those locations in both directions of travel. Payment for

signs shall be considered incidental to Item 254. Any joints created that are greater than 1.5 inches in depth, the CONTRACTOR shall provide a temporary asphalt wedge. Treated paper shall be used under the temporary wedge for clean removal of wedge asphalt prior to placement of permanent asphalt concrete. A temporary wedge shall not be left in place for more than 7 days. The cost of constructing all asphalt wedges shall be considered incidental to the cost of the various asphalt items and no additional compensation shall be made.

CONTRACTOR shall trim trees, under direction of the Engineer, which may be in conflict with equipment prior to commencing operations, and repair any vegetation damaged during construction immediately as directed by the ENGINEER.

CONTRACTOR shall direct all adjustable exhaust stacks of equipment toward street centerline to avoid damage to street trees from hot equipment exhaust.

Any debris resulting from work shall be removed daily by CONTRACTOR as directed by the ENGINEER.

CONTRACTOR shall be responsible for adjusting valve boxes to grade with riser rings supplied by the ENGINEER at commencement of paving operations. Additional riser rings will be supplied as needed and all unused riser rings to be returned by CONTRACTOR to the ENGINEER upon completion of the project. All work associated with this item shall be considered incidental to the paving bid items.

The ENGINEER will issue a Utility Deficiency List to CONTRACTOR within fourteen (14) days after paving of each street. CONTRACTOR shall correct all items within thirty (30) days of list issuance.