

SECTION 01010

SUMMARY OF WORK

1. PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Scope of Work.
- B. Contractor use of Site.
- C. Work Sequence.
- D. Land Owner occupancy.
- E. Utilities Constructed within Public Streets.
- F. Work Time Limitations.
- G. Staging Areas.

1.2 SCOPE OF WORK

- A. The Contractor shall furnish all labor, material, tools, and construction equipment and perform all Work for the construction of the specific Carrier Creek Drain and Branches work division that has been awarded to it as shown on the Drawings and described in the Specifications prepared by Spicer Group, Inc. The divisions include:
  - 1. Division I – Construction North of I-496  
Work of this division includes, but is not limited to, box culvert installation, precast concrete headwall installation, storm sewer construction, sanitary sewer construction, watermain construction, open channel excavation, stream restoration, road and drive restoration, concrete sidewalk and curb and gutter construction, gabion construction, traffic control, riprap installation, seeding, grading, soil erosion and sedimentation control, and cleanup and restoration.
  - 2. Division II – Concrete Box Culverts South of I-496  
Work of this division includes, but is not limited to, box culvert installation, concrete headworks construction, watermain lowering, storm sewer construction, sanitary sewer construction, road and drive restoration, concrete sidewalk and curb and gutter construction, traffic control, riprap installation, seeding, grading, soil erosion and sedimentation control, and cleanup and restoration.
  - 3. Division III – Storm Sewer Construction South of I-496  
Work of this division includes, but is not limited to, storm sewer construction, watermain lowering, sanitary sewer construction, diversion chamber construction, bore and jack, road embankment and cut, subbase and base construction, hot mix asphalt paving, site clearing, road and drive restoration, concrete curb and gutter construction, traffic control, riprap installation, seeding, grading, soil erosion and sedimentation control, and cleanup and restoration.

4. Division IV – Open Drain Construction  
Work of this division includes, but is not limited, to C.M.P.A. crossing installation, open channel excavation, sedimentation basin construction, surface outlet tube installation, spoil hauling and leveling, embankment construction, site demolition and removal, filling and grading of residential lot, clearing grubbing and snagging, road and drive restoration, concrete sidewalk and terrace construction, traffic control, riprap installation, seeding, landscape planting, grading, soil erosion and sedimentation control, and cleanup and restoration.
  5. Division V – Detention Area A, B, & G  
Work of this division includes, but is not limited to, earth excavation, open channel excavation, embankment construction, articulated concrete mat installation, concrete inlet control and outlet works construction, concrete box culvert installation, sand beach construction, roadway embankment and cut, subbase and base installation, hot mix asphalt paving, site clearing, concrete sidewalk and generator pad construction, riprap installation, native grass and wildflower seeding, soil erosion and sedimentation control, and cleanup and restoration.
  6. Division VI – Detention Area E  
Work of this division includes, but is not limited to, earth excavation, embankment construction, concrete inlet control and outlet works construction, pump station construction, concrete box culvert installation, roadway embankment and cut, subbase and base installation, hot mix asphalt paving, site clearing, riprap installation, grading, native grass and wildflower seeding, soil erosion and sedimentation control, and cleanup and restoration.
  7. Division VII – Detention Area F  
Work of this division includes, but is not limited to, earth excavation, embankment construction, articulated concrete mat installation, storm sewer construction, open channel excavation, concrete inlet control and outlet works construction, pump station construction, concrete box culvert installation, roadway embankment and cut, subbase and base installation, hot mix asphalt paving, site clearing, riprap installation, grading, native grass and wildflower seeding, soil erosion and sedimentation control, and cleanup and restoration.
  8. Division VIII – Detention Areas E, F, and G Wetland Mitigation  
Work of this division includes, but is not limited to, emergent, lower and upper scrub-shrub, and lower and upper-forested wetland plantings. The division also includes buffer tree plantings, soil erosion and sedimentation control, and cleanup and restoration.
  9. Division IX – Electrical  
Work of this division includes, but is not limited to, electrical, controls, security, flow monitoring, and communication equipment installation at Detention Areas A, B, E, F, the Saginaw Highway Crossing, and at the I496 Crossing. This division also includes technology improvement at the Eaton County Drain Commissioner's Office.
- B. Contractor shall be responsible for the entire Work until completed and accepted by the Owner.
- C. The Owner will obtain easements and right-of-way needed for construction.

1.3 CONTRACTOR USE OF SITE

- A. Limit use of Site to allow Work by others.
- B. Utility Outages and Shutdown: Schedule temporary shutdowns of active utilities at times, which will cause the least interference with service use and as approved by the Owner and Engineer.
- C. Construction Operations: Limited to right-of-way limits and Owner furnished easements as noted on plans.
- D. Emergency Building Exits During Construction: Maintain ingress and egress for business in the area.

1.4 WORK SEQUENCE

- A. Construct Work in an upstream direction during the construction period, coordinate construction schedule and operations with Engineer.

1.5 LAND OWNER OCCUPANCY

- A. Cooperate with Land Owners to minimize conflict. If disputes arise, contact the Engineer immediately.
- B. Contractor will provide Landowners a minimum 4day notice to relocate obstructions within the Drain right-of-way. A 7-day notice is required for fence relocations.

1.6 UTILITIES CONSTRUCTED WITHIN PUBLIC STREETS

- A. Conform to the requirements of the City, County, Township, Village, MDOT or authority having jurisdiction over the road.
- B. Obtain and pay for construction permits from the authority having jurisdiction in order to work in the public road right-of-way.
- C. Notify the authority a minimum of 72 hours in advance of the intention to cross a roadway.
- D. Install and maintain traffic control devices in accordance with Section 01570 Traffic Regulation.
- E. Contractor shall be liable for all accidents and damage occasioned in any way by his acts or neglect or by the acts or neglect of his sub contractors, agents, employees or workmen.

1.7 WORK TIME LIMITATIONS

- A. Monday – Saturday from 7 AM to 7 PM. There shall be no work on holidays or Sundays.
- B. Division I:
  - 1. Since Willow Highway is a major school bus route for the Grand Ledge School System, construction will need to be coordinated with the ending of the school year and completed prior to school beginning in the fall.

1.8 STAGING AREAS

- A. To be determined by the Engineer/Owner.

END OF SECTION