




City of Davenport

SPECIFICATIONS

FOR THE

DRAINAGE IMPROVEMENTS
7201 NORTHWEST BOULEVARD

	<p>I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.</p>
	<p><i>Steven P. Math</i> 2/26 2020 SIGNATURE DATE:</p>
	<p>STEVEN P. MATH PRINTED OR TYPED NAME</p>
	<p>MY LICENSE RENEWAL DATE IS: <u>DECEMBER 31, 2021</u></p>
	<p>PAGES OR SHEETS COVERED BY THIS SEAL: <u>ALL PAGES</u></p>

SPECIAL PROVISIONS

DRAINAGE IMPROVEMENTS 7201 NORTHWEST BOULEVARD

SECTION I

1. Project Manager

The City Engineer or his designated representative shall be the Project Manager.

2. Scope of Work and Scheduling

Project work includes the furnishing of all labor, materials, equipment, and services necessary for the Drainage Improvement project located at 7201 Northwest Boulevard, including but not limited to: Storm Sewer Installation, P.C.C. Sidewalk Removal and Replacement, Tree Clearing, Ditch Grading, Topsoil placement and Seeding. It is recommended that Contractors become familiar with existing site conditions prior to bidding.

The Contractor shall begin construction on or before a late start date of April 27, 2020 and complete all work, including final cleanup and removal of all equipment within 15 working days. Liquidated damages shall be \$250 per day.

A Notice to Proceed will be issued as soon as the contract is executed by the City. No work shall commence until a Notice to Proceed has been issued.

3. Monthly Progress Payments

Payment to the Contractor will be made only for the actual quantities of work performed or materials furnished in accordance with the plans and specifications and it is understood that the quantities may be increased or diminished, as hereinafter provided without in any way invalidating the unit bid price.

The quantities herein represent the Engineer's estimate of the amount of work to be completed. The City reserves the right to adjust locations, quantities, and limits of the plans within the scope of the project.

Monthly Progress payments initiated by the Engineer will be made under this contract. All monthly progress payments will have five percent (5%) retained.

4. Project Supervision, Quality Control and Surveying

City inspector(s) and or City employed independent testing agencies shall be used on this project to insure compliance to the specifications or other directives issued.

City inspectors and their testing agencies shall have full access to the project. The Contractor shall be cooperative in allowing them to obtain material samples and perform required testing.

City inspectors and their testing agencies shall be provided the opportunity to witness and verify all materials used in the project have been placed per the contract specifications. The City will test at the quantity and frequency as determined by the Engineer and project specifications.

The Contractor shall give three (3) days' notice to the Engineer of the date and location of commencement of work so that an inspector can be available.

The Contractor shall designate a representative to attend meetings as required throughout the project and be available 24 hours a day and 7 days a week in case of emergency, and/or to maintain the required temporary traffic control.

All construction staking and associated surveying necessary for the entirety of the project shall be the contractor's responsibility. Cost for staking shall be included in the Construction Survey Bid Item. Computer Aided Drafting (CAD) files are available upon request for the contractor's use, however it shall be noted that the contractor is responsible for constructing the project per the official plans and specifications provided on the City bid site.

5. Waste Sites and Salvage

Surplus excavated material such as soil, rock, broken concrete, asphalt, roadside debris and similar materials shall become the property of the contractor to be disposed of in a legal manner outside of the limits of the project, at the Contractor's expense.

6. Working Area

Work shall be confined to the street right-of-way, easements, and City-owned land, as may be indicated on plans.

The Contractor shall not unnecessarily encroach onto private property without express permission from the adjacent property owners. The work shall be conducted in such a manner as to minimize any and all damage.

Under this contract, storage of materials and equipment shall be within City ROW or easements. If additional area is needed, the contractor shall be responsible for obtaining permission from the property owner and providing approval documentation to the City.

All areas disturbed by the Contractor beyond the limits of construction shall be restored at the Contractor's expense and to the satisfaction of the adjacent property owners and the Engineer.

7. Utilities

The Contractor shall be responsible for ascertaining the location of all utilities and services from the utility companies before starting construction and coordinating all construction activities with the utility companies as may be necessary. Potholing, by the contractor, where needed to determine location and elevations will not be paid for separately and shall be considered incidental to the contract.

All utilities shall remain in service during construction, unless authorization has been obtained from the Utility Company.

In the event a utility facility is exposed by construction, adequate measures shall be taken to properly support each utility or service. Bedding and backfilling shall be properly placed and compacted so as not to cause damage or settlement of utility facilities or services. Limestone screenings are not allowed for use as backfill material.

Adjustment of all utilities shall be coordinated with the appropriate utility company. It shall be the Contractor's responsibility to notify and coordinate with the Utility Companies.

A. Field Location

Utility Location Service (Iowa One Call) (800) 292-8989
MidAmerican Energy
CenturyLink
Iowa Communications Network
Windstream
Mediacom
Iowa-American Water Co.
City of Davenport

B. Contacts

MidAmerican Energy
2811 5th Ave.
Rock Island, IL 61201

Gas/Electric: Maggie Notton
(309) 793-3805

Century Link
3565 Utica Ridge Road
Bettendorf, IA 52722

Telephone: Tony Glessner
(563) 355-6402
Bob Wegener – Terra Technologies
(815) 382-3605

Mediacom
3900 26th Avenue
Moline, IL 61265

Cable T.V.: Mitch Hancock
(309) 743-4735
(800) 824-6047 (Repairs)

WindStream
1450 N. Center Point Rd.
Hiawatha, IA 52233

Telephone: Stephen Kness
(319) 790-7678

Iowa American Water Co.
5201 Grand Avenue
Davenport, IA 52805

Water: Julie DuBois-Allender
(563) 468-9222

Iowa Communications Network
400 E 14th St
Des Moines, Iowa 50319

Mike Broderick
(515) 725-4610

City of Davenport
1200 E. 46th Street
Davenport, Iowa 52807

Engineering: Brian Schadt
(563) 326-7923
Ben Johnson - Sign Supervisor
(563)-326-7923
Gary Statz – Traffic Signals
(563) 326-7754
Ron Perkins – I.T.
(563) 888-2002

8. **City Signs**

The Contractor shall be responsible for providing a seventy-two (72) hour notice to the Sign Supervisor of any street name signs or regulatory traffic signs that will conflict with construction operations.

The City will remove, collect, and store said signs until construction operations are complete at which time the City will replace them.

Without proper notification the Contractor shall be responsible for the cost associated with the replacement of City signs.

9. **Equipment Restrictions**

Track type equipment is not permitted on streets or driveways that are not scheduled for removal, unless the tracks are equipped with rubber or neoprene grousers.

10. Cleanup During Project and Water Way Protection

The Contractor shall provide and maintain erosion and sediment control devices at all times during the course of this project to ensure no concrete slurry, silt or other undesirable debris enters the storm sewer system, creeks or other natural waterways.

The contractor shall be responsible for further protection of storm water systems by the use of portable and disposable concrete washout containment systems, sediment filter tubes, inlet protection devices, or other approved products that comply with standard industry practice. Cost for this work shall be considered incidental to the contract.

If necessary, the contractor shall periodically sweep any tracked material, dried washout or wet saw residue, or other construction debris out of the street, at no cost to the City.

Costs associated with providing concrete washout or wet sawing protection devices shall be considered incidental to the contract.

11. Permits

The following permits will be required before commencement of work, if applicable;

- NPDES permit when the disturbed area is more than one acre. (Not Applicable for this Project)
- A City COSESCO Permit when the disturbed area is greater than 5,000 square feet. (Not Applicable for this Project)

There will be no charge to the contractor for permits.

12. Barricades

When work areas are left unprotected (or inadequately protected) by the Contractor the City reserves the right to place barricades and charge the contractor for all expenses incurred.

13. Traffic Control

The contractor shall establish and maintain appropriate traffic control in accordance with SUDAS Section 8030 and as directed by the Engineer.

Refer to the project Estimate Reference Information for additional traffic control and staging requirements.

The Contractor shall provide 72 hour advance notice of all lane restrictions, street closures and detours on the cityofdavenportiowa.com/roadwork website after pre-approval of the notice by the Engineer and shall be responsible to provide notice of re-opening at cityofdavenportiowa.com/roadopen

14. Restrictions of Operations

The Contractor shall conduct the work so as to create a minimum amount of inconvenience to traffic. Every effort shall be made to maintain access to all residences and businesses and to provide a safe alternate route for pedestrians during the construction process.

At all times, Contractor shall comply with the City noise ordinance that limits noise to 85 dBA across a real property boundary.

The contractor shall be responsible for monitoring site conditions and using equipment, means and methods which will minimize damage to streets and surrounding property. Repair of damage caused by carelessness and/or the use of improper equipment, means and methods shall be the responsibility of the contractor.

The Contractor shall protect any appurtenances not scheduled to be removed from damage at all times. If damaged, repairs shall be made at the Contractor's expense.

15. Temporary Services

The Contractor shall maintain access to properties for postal delivery and garbage collection. In locations where the street is closed for construction operations, the contractor shall be responsible for the temporary relocation of mail boxes where needed and for the transfer of garbage to a pre-arranged location for pick-up. Pick-up locations to be coordinated with the Postal Service and City.

This work shall be considered incidental to the contract.

16. Working Hours and Public Advisory

Normal allowable working hours are non-holiday week days between 7:00 A.M. and 7:00 P.M. The Contractor shall provide the Engineer with proposed days of work and daily working hours for review and approval at the preconstruction meeting or prior to commencing work. Work outside of the normal days and time will require approval of the Project Manager.

Contractor shall be required to establish a Public Information and Notification Program: Pre-approved written notice shall be delivered to each home and/or business within the project limits a minimum of seventy two (72) hours in advance of any construction.

This written notification shall describe work to be performed, schedule, how it affects them, and a local telephone number of the Contractor which they can call to discuss the project or any concerns they may have. The cost of the Public Information and Notification Program shall be incidental to the contract.

Failure to notify the residents as described above may result in a stop work order and/or project delays. The Contractor will not be allowed any compensation or additional working days for failing to comply with this directive.

Notice must also be given to Citibus at least seventy two hours (72) prior to any closure that will affect a bus route.

17. Final Cleanup

Before final acceptance of the work, the Contractor shall remove all unused material and rubbish from the site of the work, remedy any objectionable conditions the Contractor may have created on private property, and leave the right-of-way in a neat and presentable condition.

The Contractor shall not make agreements which allow salvaged or unused material to remain on private property within view of a road.

All ground occupied by the Contractor in connection with the work shall be restored. Restoration shall include appropriate smoothing to its original condition and seeding of the area.

Where applicable, care shall be taken to insure the ditch for slopes and back slopes are repaired and that positive ditch line flow is maintained.

Final cleanup shall be subject to approval of the Engineer and in accordance with applicable regulations.

18. Submittals

The Contractor shall provide electronic copies of all required submittal items (shop drawings, catalog data, etc.) to the City of Davenport for review and approval.

Submit certification of compliance indicating the materials incorporated into this project comply with the Contract Documents.

The Contractor shall provide the Project Inspector with a copy of all material load tickets as each load arrives or by the end of each working day in a manner which will enable the Inspector to verify material compliance and quantity.

Tickets for all deliveries of PCC and HMA shall be provided to the Project Inspector at the arrival of each load.

Failure to provide these tickets shall result in non-payment of this item for that given day or load.

19. Changes

Contractor shall be required to notify City of changed conditions or items of work not covered by the contract plans and specifications. No extra work shall be performed by the Contractor until a change order can be processed. Any work completed prior to execution of a signed change order is at the contractor's own risk.

End of Section

SPECIAL PROVISIONS

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SECTION II

A. General Governing Specifications

Insofar as applicable and except as modified by the Plans or Special Provisions, this project shall be constructed in accordance with and in order of the following specifications; The City of Davenport Supplemental Specifications to SUDAS, the 2019 SUDAS Specifications, the Iowa Department of Transportation Standard Specifications for Highway and Bridge Construction, 2015 edition.

B. Estimate Reference Information

Item-by-item Estimate Reference Information can be found in the plans and shall be considered part of the Special Provisions.

End of Section