



Directory	
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Project Description
<p>This project includes replacement of dual 48" dia. CMP road culverts with dual 48" dia. RCP culverts at James Ave within the Hawkeye Wildlife Management Area.</p>

Iowa Department of Natural Resources

Construction Documents for

Hawkeye Wildlife Management Area

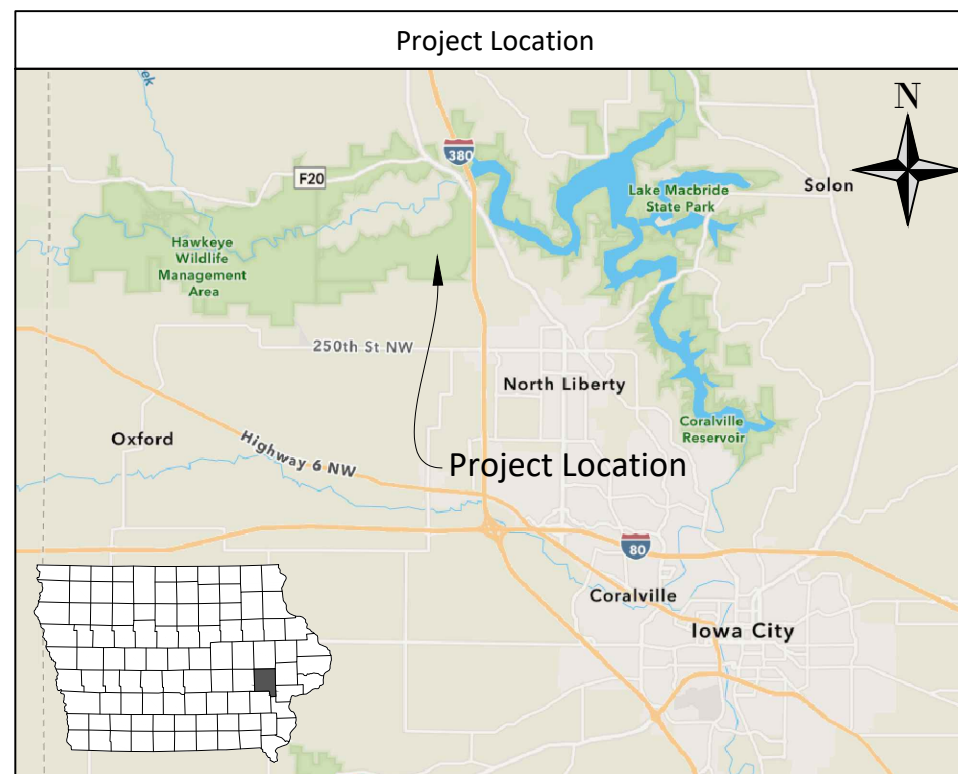
Swan Lake Road & James Avenue

Road Maintenance: Phase 2

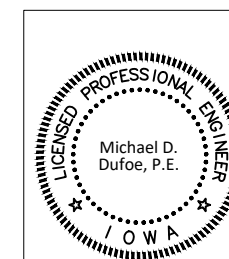
Johnson County, Iowa

Project No. 25-06-52-03

Iowa DOT Project No. SP-00SP-0(12)--7C-00



Authorization to Bid	
Capital Manager Authorization - Wildlife	Date
Engineering Bureau Chief	Date



I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Michael D. Dufoe, P.E. Date _____
License Number: 17753
My license renewal date is December 31, 2025
Pages or sheets covered by this seal: _____

[illegible]

Drawn by: MD	
Revision	Date

Bid Date:
August 7, 2025

Project Number:
25-06-52-03

Swan Lake Road & James Avenue Road Maintenance:
Phase 2
Hawkeye Wildlife Management Area, Johnson County

Cover Sheet

Sheet No:
1

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Revision	Date

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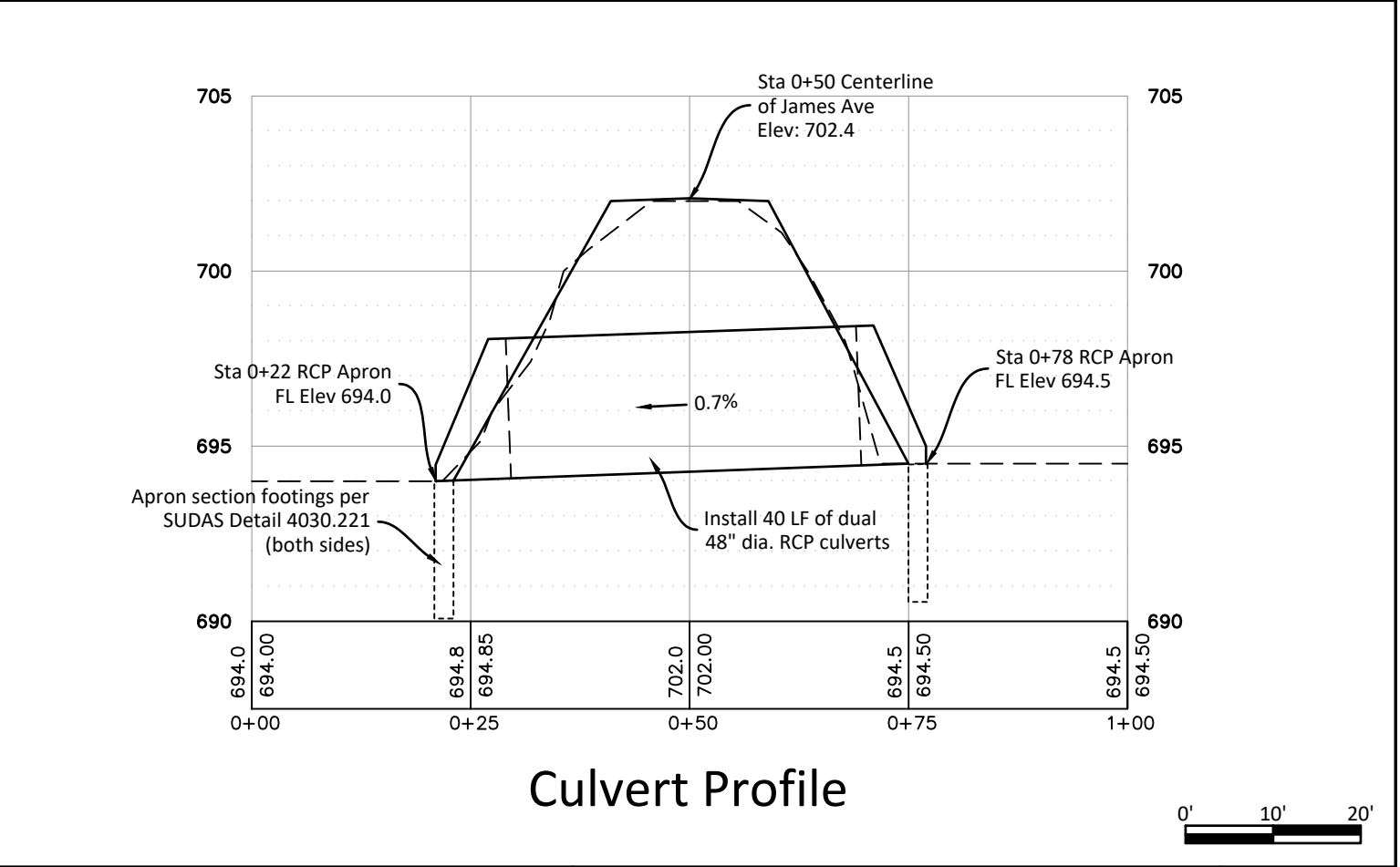
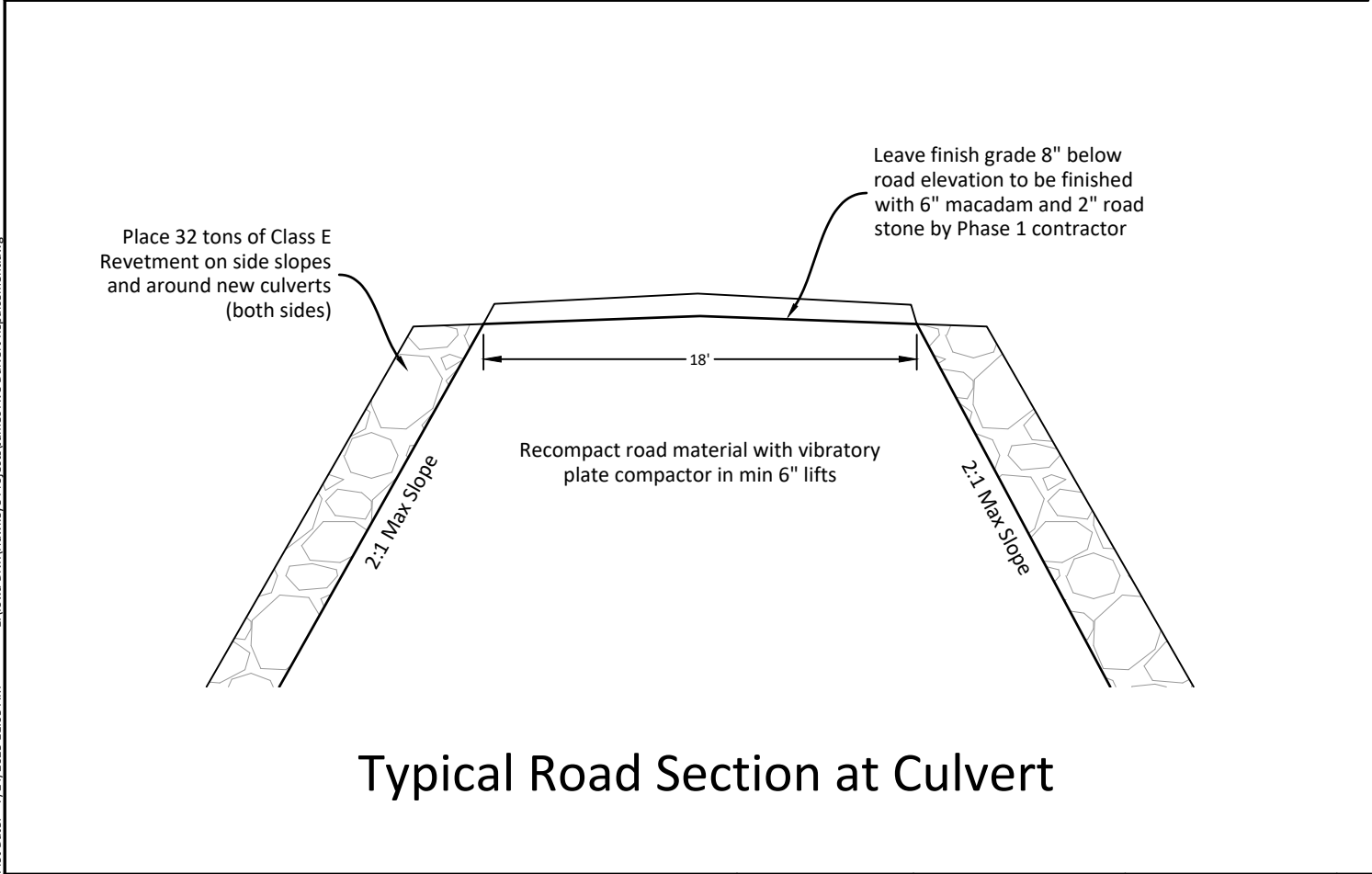
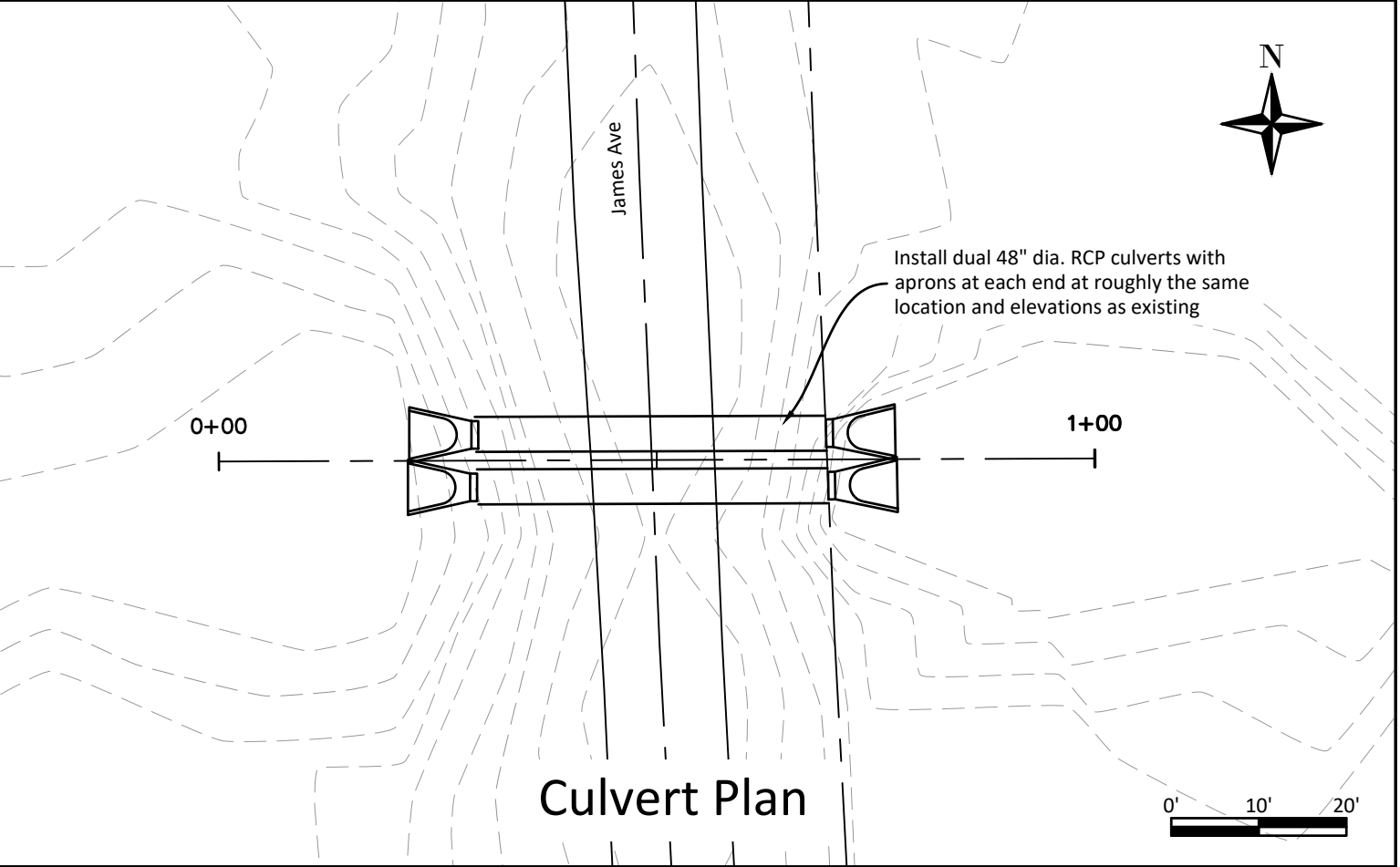
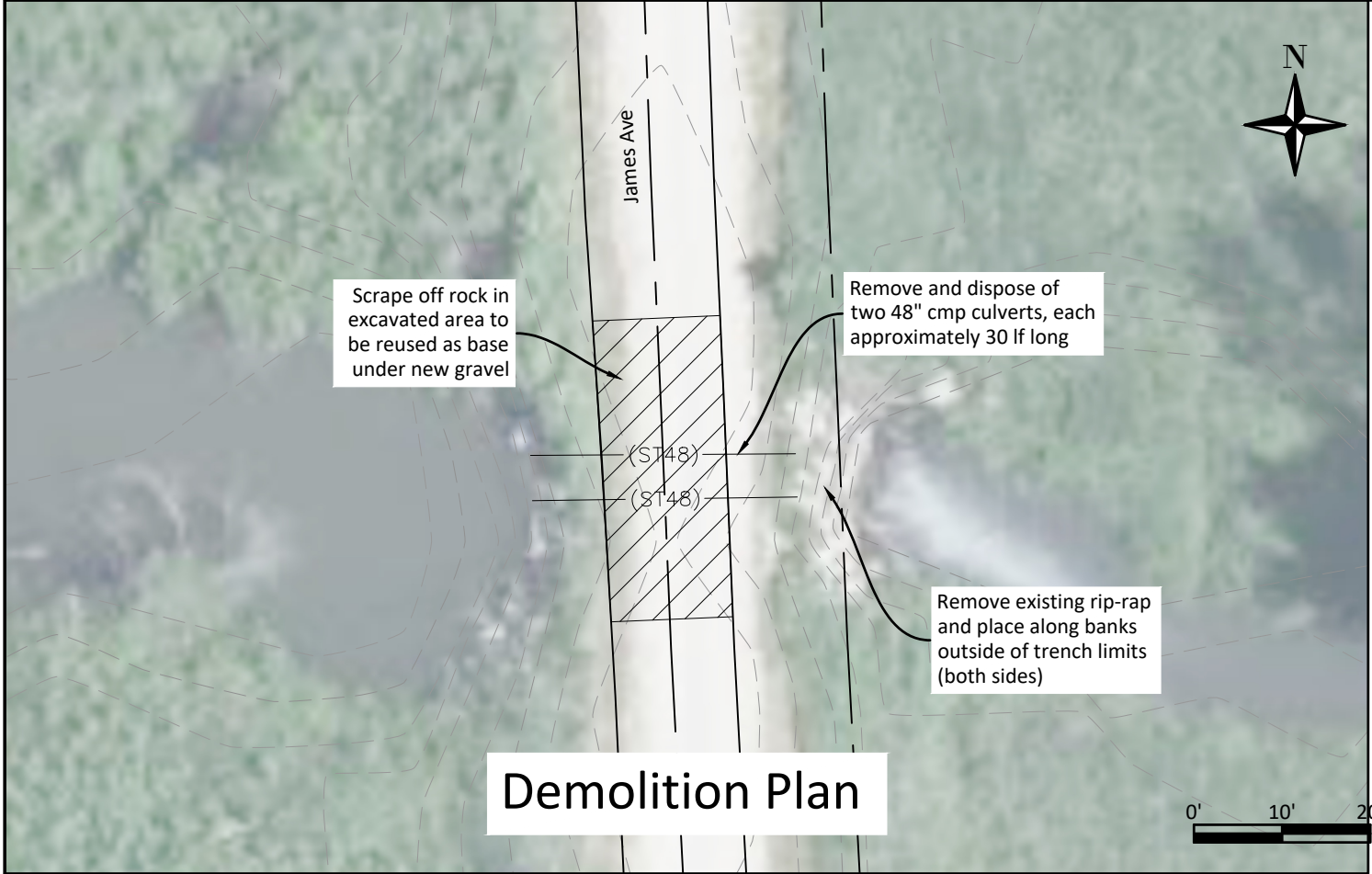
Estimated Quantities			
Item No.	Description	Quantity	Unit
1	Mobilization	1	LS
2	Demolition	1	LS
3	RCP Culvert, 48" Dia.	80	LF
4	RCP Apron, 48" Dia. With Footing	4	Ea
5	Revetment, Class E	64	Tons
6	Site Restoration	1	LS

Estimate Reference Information	
1.	Mobilization per Iowa DOT specifications.
2.	Demolition includes removal and disposal of approximately 60 LF of 48" CMP culvert and all other items shown on Sheet 4.
3.	RCP Culvert to be 2000D (Class III) per Iowa DOT Specifications Section 4030. Trench per Iowa DOT Section 3010 (includes all necessary dewatering and bedding), also includes Type 3 connected pipe joints per Iowa DOT Detail DR-121.
4.	RCP Aprons per Iowa DOT Specifications Section 4030 and includes placing and connecting an apron headwall/footing under each apron per SUDAS Detail 4030.211. A continuous footing for both aprons is preferred.
5.	Revetment, Class E per Iowa DOT Standard Specification Section 4130.
6.	Site Restoration includes all work needed to bring the site back to original condition including seeding any disturbed areas with Iowa DOT rural mix. The final macadam and road stone to be completed by separate Phase 1 contractor. Dewatering note: Wildlife staff can temporarily plug upstream basins to reduce water flow at the time of construction. Depending on weather this can reduce flow for approximately 1-week before they start overflowing. The Contractor shall coordinate with IDNR staff on construction timing.

General Information	
1.	Verify actual locations and elevations with DNR Engineer.
2.	All work shall conform to and be performed in accordance with all applicable codes and ordinances.
3.	The contractor shall visit the site and inspect the project area and thoroughly familiarize themselves with the actual job conditions prior to bidding and the start of work. Failure to visit the project site shall not relieve the contractor from performing the work in accordance to the plans, specification, special provisions and contract.
4.	The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the DNR Engineer of any discrepancies, omissions, and/or conflicts prior to proceeding with the work.
5.	It shall be the contractor's responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the DNR Engineer.
6.	The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of the DNR Engineer.
7.	Where utilities and fixtures are shown as Existing on the plans or encountered within the construction area, it shall be the responsibility of the contractor to notify the DNR Engineer of those utilities prior to the beginning of any construction. The contractor shall be afforded access to these facilities for necessary modification of services. Underground facilities, structures and utilities have been plotted from available surveys and records and therefore their locations must be considered approximate only. It is possible there may be others, the existence of which is presently not known or shown. It is the contractor's responsibility to determine their existence and exact location and to avoid damage thereto. No claims for additional compensation will be allowed to the contractor for any interference or delay caused by such work.
8.	The contractor shall shape graded area to maintain surface drainage. All elevations are to finish grade.
9.	The contractor is expected to have materials, equipment, and labor available on a daily basis to install and maintain erosion control features on the project. This may involve seeding, silt fence, rock ditch checks, silt basins or silt dikes.
10.	Construction staking to be done by Iowa DNR with minimum 2-week notice.



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