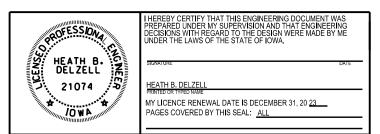
IOWA DEPARTMENT OF NATURAL RESOURCES

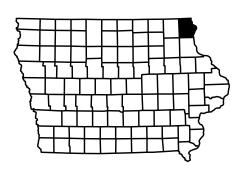
CONSTRUCTION DOCUMENTS FOR HEYTMAN'S LANDING MAINTENANCE CHANNEL DREDGING

ALLAMAKEE COUNTY, IOWA

PROJECT # 21-03-03-02



DIRECTORY				
PROJECT MANAGER		CONSTRU	CTION INSPECTOR	
COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	
ADDRESS	502 EAST 9TH STREET	ADDRESS		
CITY,STATE,ZIP	DES MOINES, IA, 50319	CITY,STATE,ZIP		
CONTACT	TROY DUFF	CONTACT	MELVIN PAVOVSKY	
TELEPHONE	515-250-3715	TELEPHONE	319-240-3553	
FAX		FAX		
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_	PROJECT DESCRIPTION
	This project consists of maintenance dredging of Heytman's Landing boater access channel from the boat ramp into the Mississippi river and incidental work as directed by DNR Field Engineer.



AUTHORIZATION - PARKS WILDLIFE FISHERIES LAW ENFORCEMENT F	ORESTRY	DATE
ENGINEERING BUREAU CHIEF	DATE	

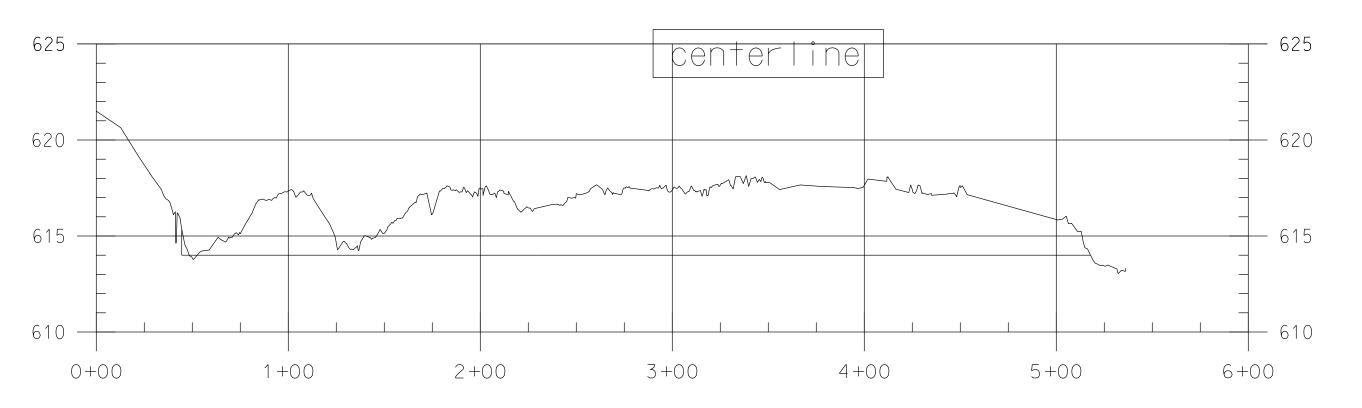
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			COVER SHEET	A.01
			LOCATION MAP	A.02
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MAINTENANCE DREDGING FOR: HEYTMAN'S LANDING	COVER SHEET			
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SHEET INDEX

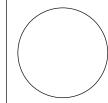


PROFILE



LINE	SURFACE	OFFSET
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IOWA DEPARTMENT OF NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILING 502 E. 9TH ST., DES MOINES, IA 50319-0034



MAINTENANCE DREDGING FOR: HEYTMAN'S LANDING

TYPICAL CROSS SECTIONS AND DETAILS

		,
NO.	BY DATE	revision
DRAWN BY:		PROJECT NUMBER:
Т	DD	21-03-03-02
CH	CD BY:	DATE:

B.01

ESTIMATED PROJECT QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	Mobilization	L.S.	1
2	Sediment Removal and Dewater	C.Y.	1,500
3	Sediment Disposal	C.Y.	1,500
4	Stump-Rootball Removal	EA.	2
5	Railroad Requirements	L.S.	1

ESTIMATE REFERENCE INFORMATION

ITEM NO.			
2	A. Remove sediment from boat access channel to elevation shown on sheet D.01. B. For hydraulic dredging, geotubes shall be used for temporay storage and dewatering and are incidental to this item.		
3	A. Remove and dispose of geotubes and sediment. Geotubes shall be disposed of in landfill and sediment shall be disposed of at Contractor provided location.		
4	A. Contractor shall remove and dispose of two large rootballs as directed by DNR Field Engineer. One has a stump, the other is with a tree.		
5	A. Contractor shall notify Canadian Pacific Railroad and satisfy their requirements 30 days prior to working near the railroad right of way. B. Contact information can be found in the Project Manual/Specifications and on sheet D.01. C. Contractor shall purchase railroad insurance in the amount and limits specified by Canadian Pacific.		

GENERAL NOTES

Verify actual locations and elevations with DNR Engineer.

All work shall conform to and be performed in accordance with all applicable codes and ordinances.

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.

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.

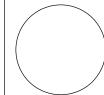
It shall be the contractor's responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the DNR Engineer.

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.

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.

The contractor shall shape graded area to maintain surface drainage. All elevations are to finish grade.

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.



IOWA DEPARTMENT OF NATURAL RESOURCES



Quantities and General Information HEYTMAN'S LANDING

NO. BY REVISION TDD 21-03-03-02

September 2021

C.01

