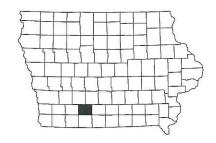
IOWA DEPARTMENT OF NATURAL RESOURCES

FOR MOUNT AYR FISHERIES MGT UNIT 12 MILE LAKE JETTIES REPAIR

UNION COUNTY, IOWA

PROJECT #20-04-88-02







	DIREC	CTORY	
PROJECT MANAGER		CONSTRUCTION INSPECTOR	
COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES
ADDRESS	502 EAST 9TH STREET	ADDRESS	502 EAST 9TH STREET
CITY,STATE,ZIP	DES MOINES, IA 50319	CITY,STATE,ZIP	DES MOINES, IA 50319
CONTACT	EMMANUEL SANG	CONTACT	MARK JOHNSON
TELEPHONE	515-321-7005	TELEPHONE	515-250-3713
FAX		FAX	
EMAIL	Emmanuel.Sang@dnr.iowa.gov	EMAIL	Mark.Johnson@dnr.iowa.gov

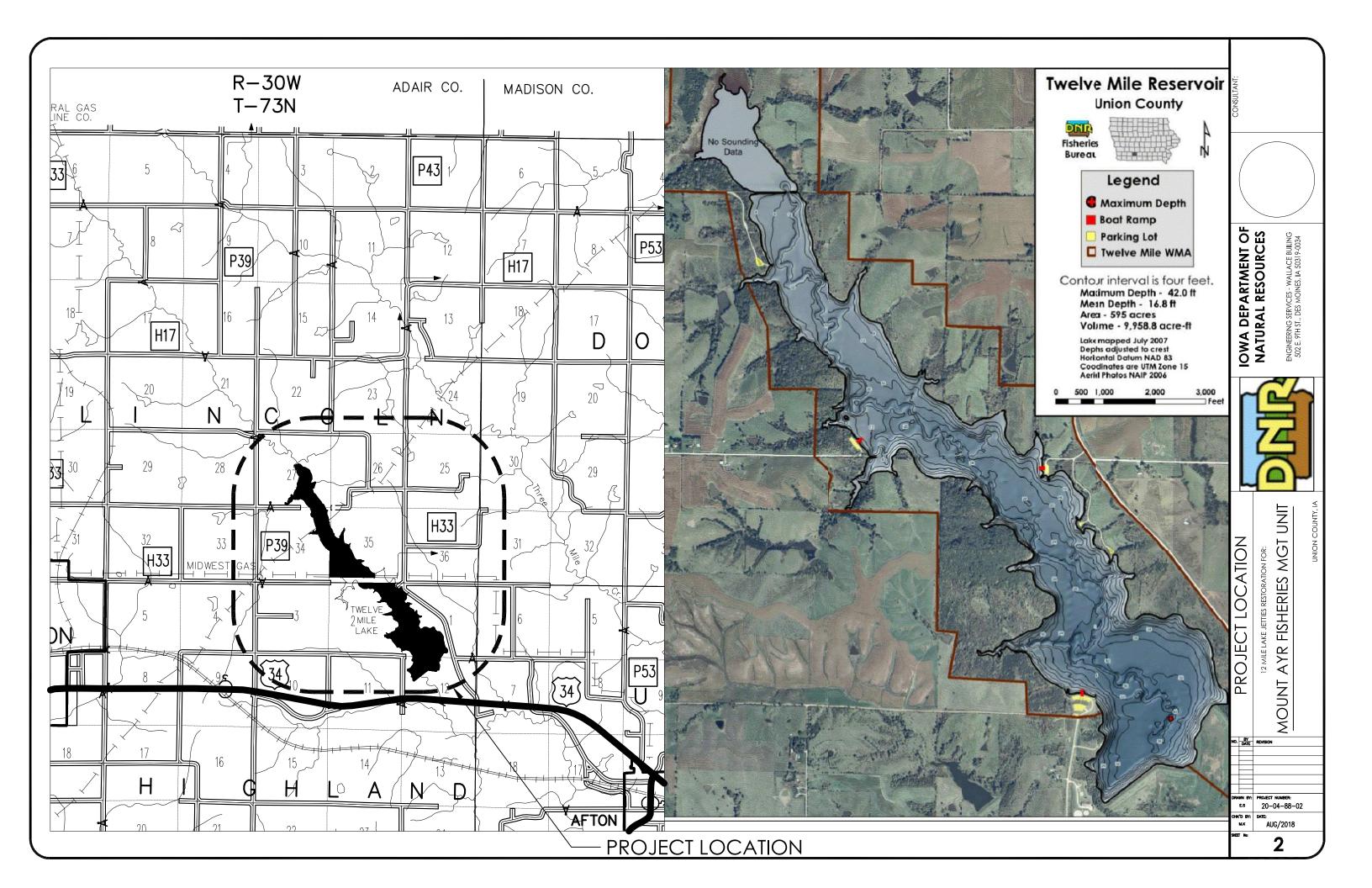
PROJECT DESCRIPTION THIS PROJECT INVOLVES REPAIRING DETERIORATED JETTIES BY RE-ARMORING THE

THIS PROJECT INVOLVES KEPAIKING DETERIORATED JETHES BY RE-ARMORING IN-SIDES OF THE JETTIES WITH CLASS 'E' REVETMENT (RIP RAP) ON, RESTORING THE TOP TO ITS ORIGINAL WIDTH AND RESURFACING THE TOP WITH CLASS 'A' CRUSHED STONE OTHER INCIDENTAL WORK AS REQUIRED BY D.N.R CONSTRUCTION INSPECTOR IN UNION COUNTY, IOWA.

AUTHORIZATION	ON TO BID
	24.19
AUTHORIZATIÓN – PARKS WILDLIFE FISHE	RIES LAW ENFORCEMENT FORESTRY
ENGINEERING BUREAU CHIEF	DATE

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2	PROJECT LOCATION	_			
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		DRAWN BY: E.S. CHICO BY:	PROJECT NU.	месть -88-02	
		DRAWN BY: E.S CHIC'D BY: MAX	PROJECT NU 20-04-	месть -88-02	

SHEET INDEX



	ESTIMATED PROJECT QUANTITIES		
ITEM	DESCRIPTION	UNIT	TOTAL
1	MOBILIZATION	L.S	1
2	CLASS 'E' REVETMENT (RIP RAP)	TONS	1575
3	CLASS 'A' STONE	TONS	135

ESTIMATED REFERENCE INFORMATION DESCRIPTION CLASS 'E' REVETMENT — BID ITEM INCLUDE SHAPING & PLACING REVETMENT ON THE JETTIES 2 (RIP RAP) SHOWN ON THESE PLANS. THE REVETMENT SHALL MEET IOWA D.O.T STANDARD SPECIFICATIONS OF HIGHWAY AND BRIDGE SECTION 4130 SERIES 2015 PLUS CURRENT SUPPLEMENTAL SPECIFICATION AND SPECIAL PROVISION. (SEE ALSO CONSTRUCTION NOTE BELOW) 3 CLASS 'A' STONE -BIT ITEM IS FOR SUPPLY, PLACING AND COMPACTING OF CLASS 'A' CRUSHED STONE ON THE TOP OF JETTIES AS SHOWN ON THESE PLANS. THE MATERIAL SHALL MEET THE SHALL MEET IOWA D.O.T STANDARD SPECIFICATIONS OF HIGHWAY AND BRIDGE SECTION 4120 SERIES 2015 PLUS CURRENT SUPPLEMENTAL SPECIFICATION AND SPECIAL PROVISION

GENERAL NOTES:

The contractor shall notify the following two weeks prior to construction: 1. District Inspector: MARK JOHNSON 515-250-3713

> 2. Project Manager: EMMANUEL SANG (515) - 321 - 7005

The contractor shall verify actual locations and elevations with the D.N.R Inspector.

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 the start of work. Failure to visit the project site shall not relieve the contractor from performing the work in accordance to the plans, specifications, special provisions and

The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the D.N.R Inspector of any discrepancies, omissions and/or conflicts prior to proceeding with the work. The contractor is responsible for disposal for excess material (excavated material

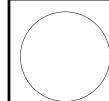
or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the D.N.R Inspector.

The contractor shall not disturb desirable grass areas and desirable trees outside 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 D.N.R inspector. 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.

The contractor shall be responsible for any damage to existing facilities resulting from their negligence, or that of a subcontractor, and said repairs shall be approved by the owner.

CONSTRUCTION NOTE

ITEM	DESCRIPTION
1.	THE CONTRACTOR SHALL REMOVE ALL THE BRUSH AND SHRUB FROM THE JETTIES BEFORE PLACING NEW RIP RAP. THIS SHALL BE CONSIDERED INCIDENTAL TO RIP RAP PLACEMENT. THE CONTRACTOR SHALL COORDINATE WITH THE D.N.R FIELD ENGINEER FOR ANY TREE TRIMMING NEEDED FOR ACCESS, AND IT SHALL BE CONSIDERED TO INCIDENTAL TO
3.	RIP RAP PLACEMENT. THE CONTRACTOR SHALL REMOVE AND REPLACE CURB STOPS, SIGNS AND LARGE ROCKS FOR ACCESS. THIS SHALL BE CONSIDERED INCIDENTAL TO RIP RAP PLACEMENT.
4.	THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS AND IT SHALL BE CONSIDERED INCIDENTAL TO RIP RAP PLACEMENT.



IOWA DEPARTMENT OF NATURAL RESOURCES ering Services - Wallace Builing 9TH ST., DES MOINES, IA 50319-0034



JETTIES RESTORATION FOR:
FISHERIES MGT **ESTIMATED QUANTITIES**

MOUNT AYR F

20-04-88-02

AUG/2018

