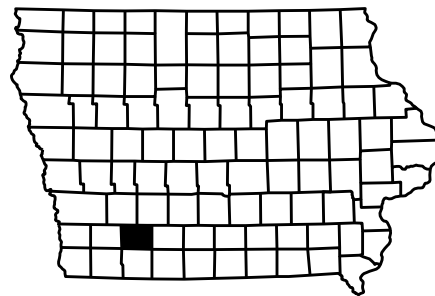


IOWA DEPARTMENT OF NATURAL RESOURCES

CONSTRUCTION DOCUMENTS FOR MOUNT AYR FISHERIES MANAGEMENT UNIT LAKE ICARIA FISHING JETTY REPAIRS

ADAMS COUNTY, IOWA

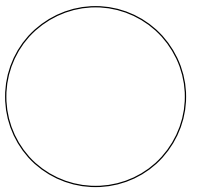
PROJECT # 19-04-02-01



SHEET INDEX

A.01	COVER SHEET
A.02	PROJECT LOCATION MAP
B.01	PROJECT DETAILS AND NOTES
C.01	QUANTITIES AND GENERAL INFORMATION
D.01	SITE PLAN

CONSULTANT:



IOWA DEPARTMENT OF
NATURAL RESOURCES
ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034



COVER SHEET

FISHING JETTY REPAIRS FOR:
MOUNT AYR FISHERIES MANAGEMENT UNIT
ADAMS COUNTY

DIRECTORY

PROJECT MANAGER		CONSTRUCTION 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	MARK JOHNSON
TELEPHONE	515-250-3715	TELEPHONE	515-250-3713
FAX	515-725-8458	FAX	
EMAIL	troy.duff@dnr.iowa.gov	EMAIL	mark.johnson@dnr.iowa.gov

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF REPAIRING WIND AND WAVE EROSION TO 13 FISHING JETTIES BY PLACING RIPRAP ON THE SIDE SLOPES, CRUSHED ROCK SURFACING ON THE TOPS OF THE JETTIES, AND OTHER INCIDENTAL WORK AS REQUIRED BY THE DNR INSPECTOR.

AUTHORIZATION TO BID

AUTHORIZATION - PARKS | WILDLIFE | FISHERIES | LAW ENFORCEMENT | FORESTRY DATE

ENGINEERING BUREAU CHIEF DATE

NO. BY DATE REVISION

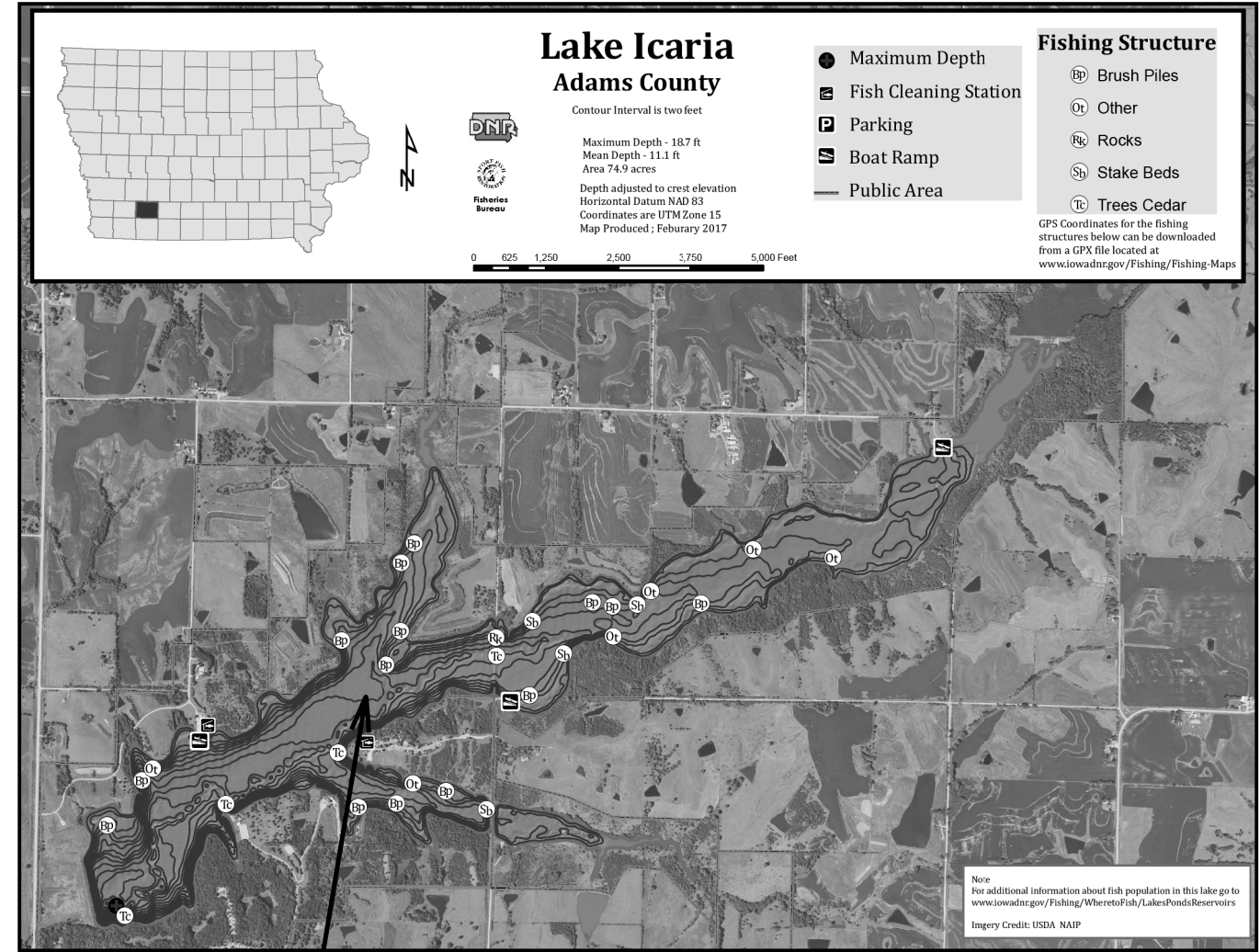
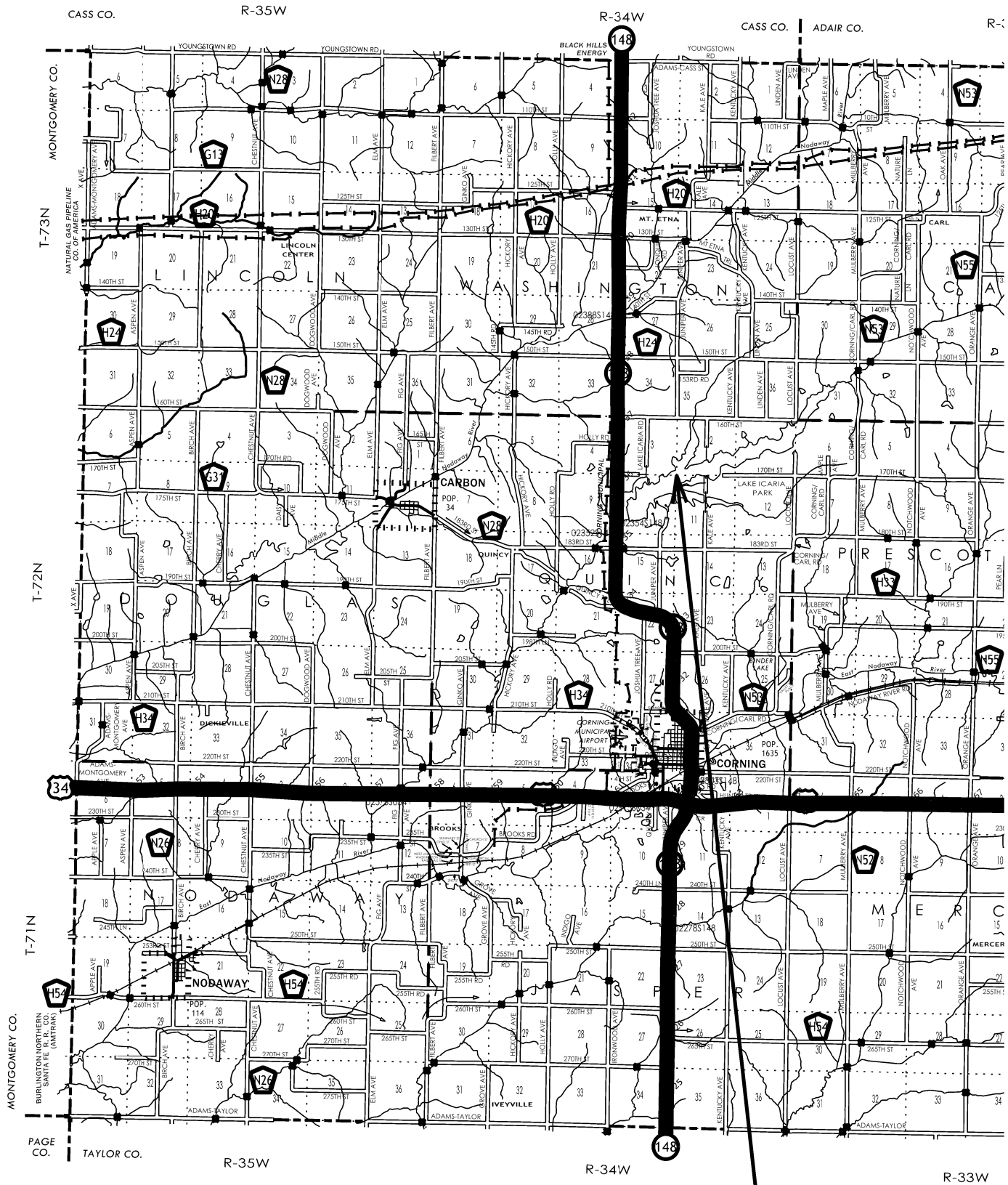
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CHK'D BY DATE:
5/2018

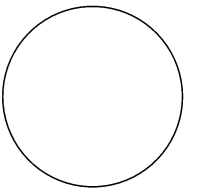
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PROJECT LOCATION

CONSULTANT:



IOWA DEPARTMENT OF
NATURAL RESOURCES

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



PROJECT LOCATION MAP

FISHING JETTY REPAIRS FOR:
MOUNT AYR FISHERIES MANAGEMENT UNIT

ADAMS COUNTY

NO.	BY	REVISION

DRAWN BY: PROJECT NUMBER:
19-04-02-01

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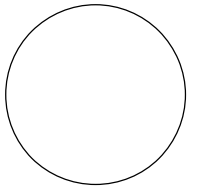
A.02

JETTY NO.	DESCRIPTION/LOCATION	CLASS 'E' RIPRAP	CLASS 'A' SURFACING
1	BEACH WEST	180 TONS	30 TONS
2	BEACH NORTH	285 TONS	0
3	MARINA NORTH	150 TONS	30 TONS
4	MARINA EAST	150 TONS	30 TONS
5	EAST ROAD	75 TONS	15 TONS
6	CAMPGROUND EAST	255 TONS	30 TONS
7	CAMPGROUND MIDDLE	105 TONS	30 TONS
8	CAMPGROUND WEST	240 TONS	30 TONS
9	SE BOAT RAMP	180 TONS	30 TONS
10	NW SHELTER	120 TONS	30 TONS
11	NW BOAT RAMP	240 TONS	30 TONS
12	NE JETTIES WEST	240 TONS	30 TONS
13	NE JETTIES EAST	255 TONS	30 TONS

NOTES:

1. REMOVING AND REPLACEMENT OF PARKING POSTS IS INCIDENTAL TO RIPRAP.
2. REMOVING AND REPLACEMENT OF BENCHES IN JETTIES IS INCIDENTAL TO RIPRAP.
3. TRIMMING OF TREES AND BRUSH FOR ACCESS IS INCIDENTAL TO RIPRAP.
4. SEEDING TO INCLUDE ALL DISTURBED AREAS. SEEDING MIXTURE TO BE FINE LAWNS.

CONSULTANT:



**IOWA DEPARTMENT OF
NATURAL RESOURCES**

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



PROJECT DETAILS AND NOTES

FISHING JETTY REPAIRS FOR:

MOUNT AYR FISHERIES MANAGEMENT UNIT

ADAMS COUNTY

NO. BY REVISION
DATE

DRAWN BY: PROJECT NUMBER:
19-04-02-01

CHK'D BY: DATE:

SHEET No:

B.01

ESTIMATED PROJECT QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	CLASS 'E' RIPRAP	TONS	2,475
2	CLASS 'A' SURFACING	TONS	345
3	SITE RESTORATION	L.S.	1

ESTIMATE REFERENCE INFORMATION

ITEM NO.	DESCRIPTION
1	A. CONTRACTOR SHALL PLACE RIPRAP ON JETTIES AS DIRECTED BY DNR INSPECTOR. B. REMOVING AND REPLACEMENT OF PARKING POSTS SHALL BE INCIDENTAL TO THIS BID ITEM. C. REMOVING AND REPLACEMENT OF BENCHES ON JETTIES SHALL BE INCIDENTAL TO THIS BID ITEM. D. TRIMMING OF TREES AND BRUSH FOR ACCESS SHALL BE INCIDENTAL TO THIS BID ITEM.
2	A. CLASS 'A' SURFACING SHALL BE PLACED AS DIRECTED BY DNR INSPECTOR.
3	A. SITE RESTORATION TO INCLUDE SEEDING AND MULCHING ALL DISTURBED AREAS AS DIRECTED BY DNR INSPECTOR.

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.

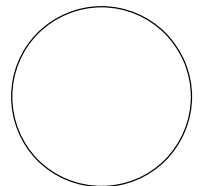
The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of 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.

CONSULTANT:



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



QUANTITIES AND GENERAL INFORMATION

FISHING JETTY REPAIRS FOR:

MOUNT AYR FISHERIES MANAGEMENT UNIT

ADAMS COUNTY

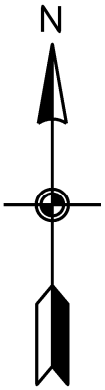
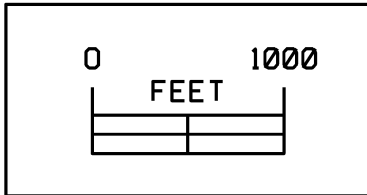
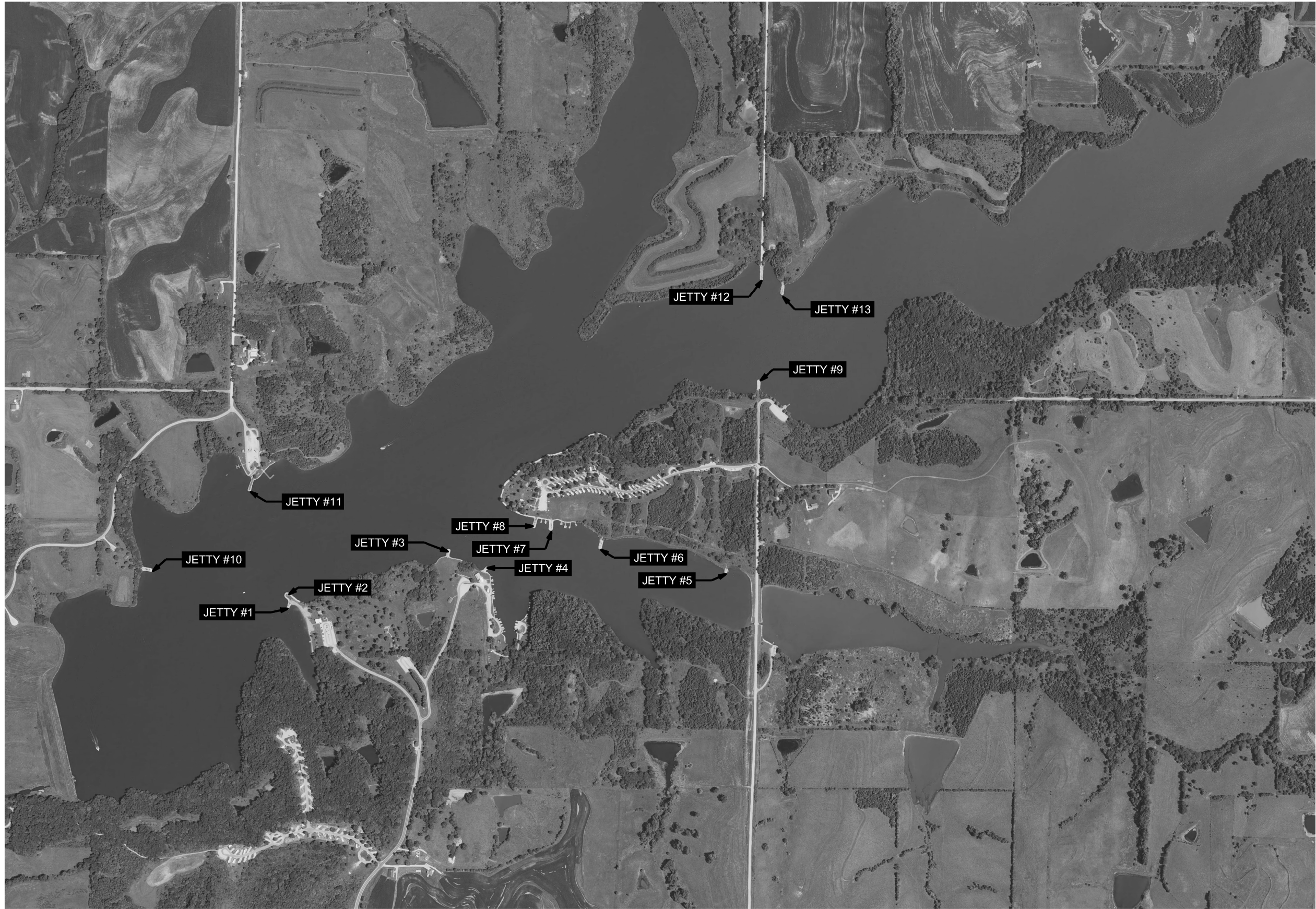
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DRAWN BY: PROJECT NUMBER:
19-04-02-01

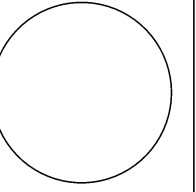
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SHEET NO:

C.01



CONSULTANT:



**IOWA DEPARTMENT OF
NATURAL RESOURCES**

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



SITE PLAN

FISHING JETTY REPAIRS FOR:

MOUNT AYR FISHERIES MANAGEMENT UNIT

ADAMS COUNTY

NO.	BY	REVISION

DRAWN BY: PROJECT NUMBER:
19-04-02-01

CHK'D BY: DATE:

SHEET No:

D.01