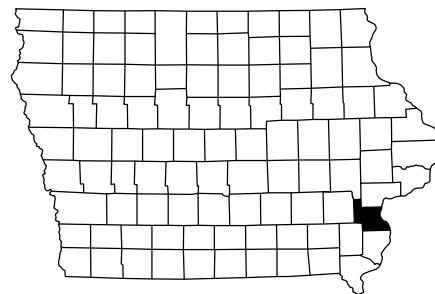



IOWA DEPARTMENT OF NATURAL RESOURCES

ODESSA WMA

LOUISA COUNTY, IOWA

DNR PROJECT #25-06-58-01



	I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED UNDER MY SUPERVISION AND THAT ENGINEERING DECISIONS WITH REGARD TO THE DESIGN WERE MADE BY ME UNDER THE LAWS OF THE STATE OF IOWA.
	SIGNATURE _____ DATE _____
	BRUCE L. FLIPPIN PRINTED OR TYPED NAME _____
	MY LICENCE RENEWAL DATE IS DECEMBER 31, 20 <u>26</u> PAGES COVERED BY THIS SEAL: _____

DIRECTORY			
PROJECT MANAGER		CONSTRUCTION INSPECTOR	
COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES
ADDRESS	6200 PARK AVENUE	ADDRESS	
CITY,STATE,ZIP	DES MOINES, IA, 50321	CITY,STATE,ZIP	
CONTACT	BRUCE L. FLIPPIN	CONTACT	BRUCE FLIPPIN
TELEPHONE	515-689-8009	TELEPHONE	515-689-8009
FAX	515-281-8685	FAX	
EMAIL	bruce.flippin@dnr.iowa.gov	EMAIL	bruce.flippin@dnr.iowa.gov

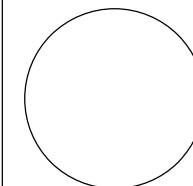
PROJECT DESCRIPTION

This project consists of placing approximately 492 tons of Class E riprap, with 8-inches of 1A gradation #3 subbase, along a levee embankment and site restoration.

<h2 style="margin: 0;">AUTHORIZATION TO BID</h2>	
AUTHORIZATION - PARKS WILDLIFE FISHERIES LAW ENFORCEMENT FORESTRY	DATE
ENGINEERING BUREAU CHIEF	DATE

[illegible]

CONSULTANT:

IOWA DEPARTMENT OF
NATURAL RESOURCES

COVER SHEET

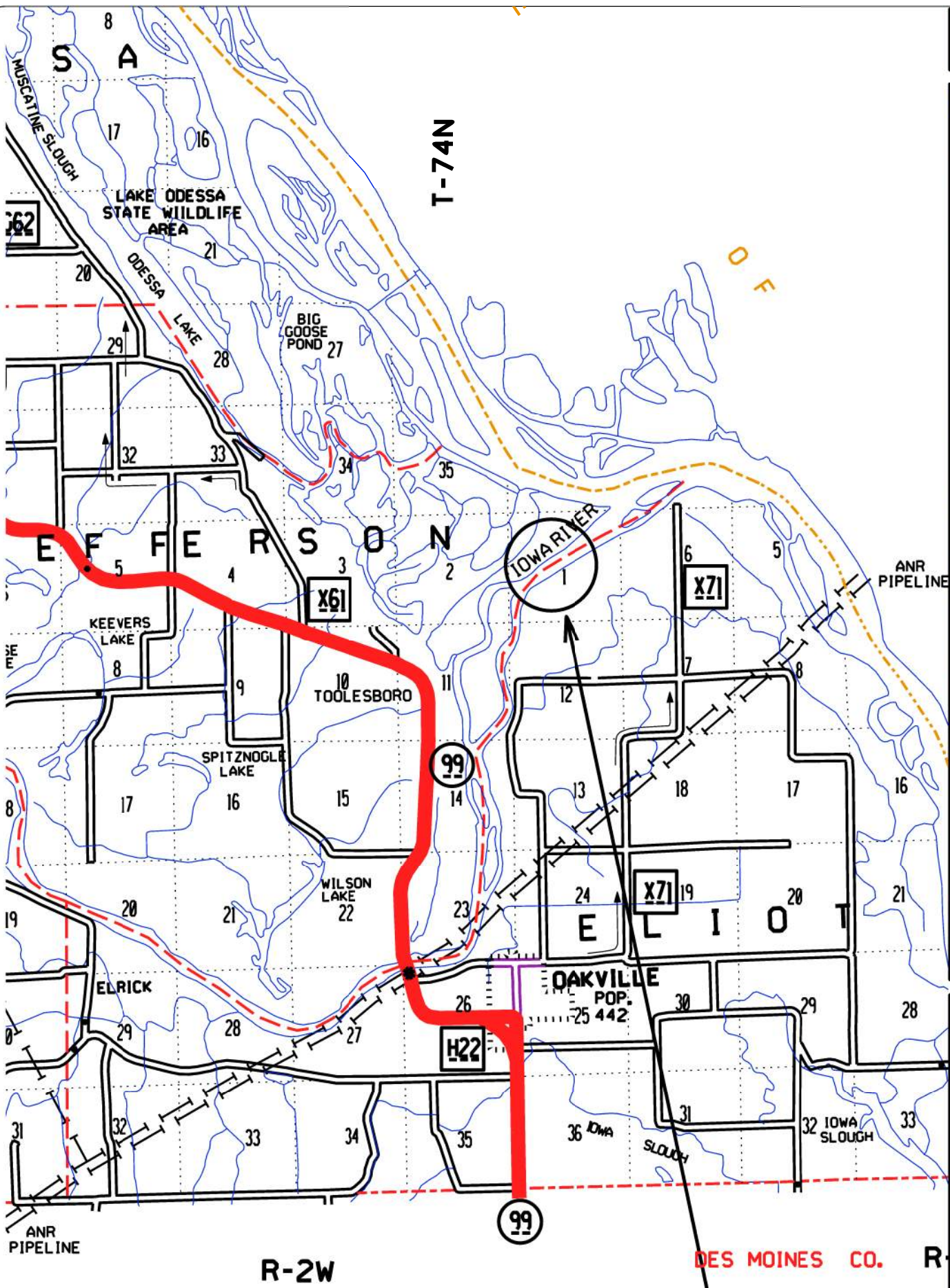
ROAD LEVEE REPAIR FOR:

ODESSA WMA

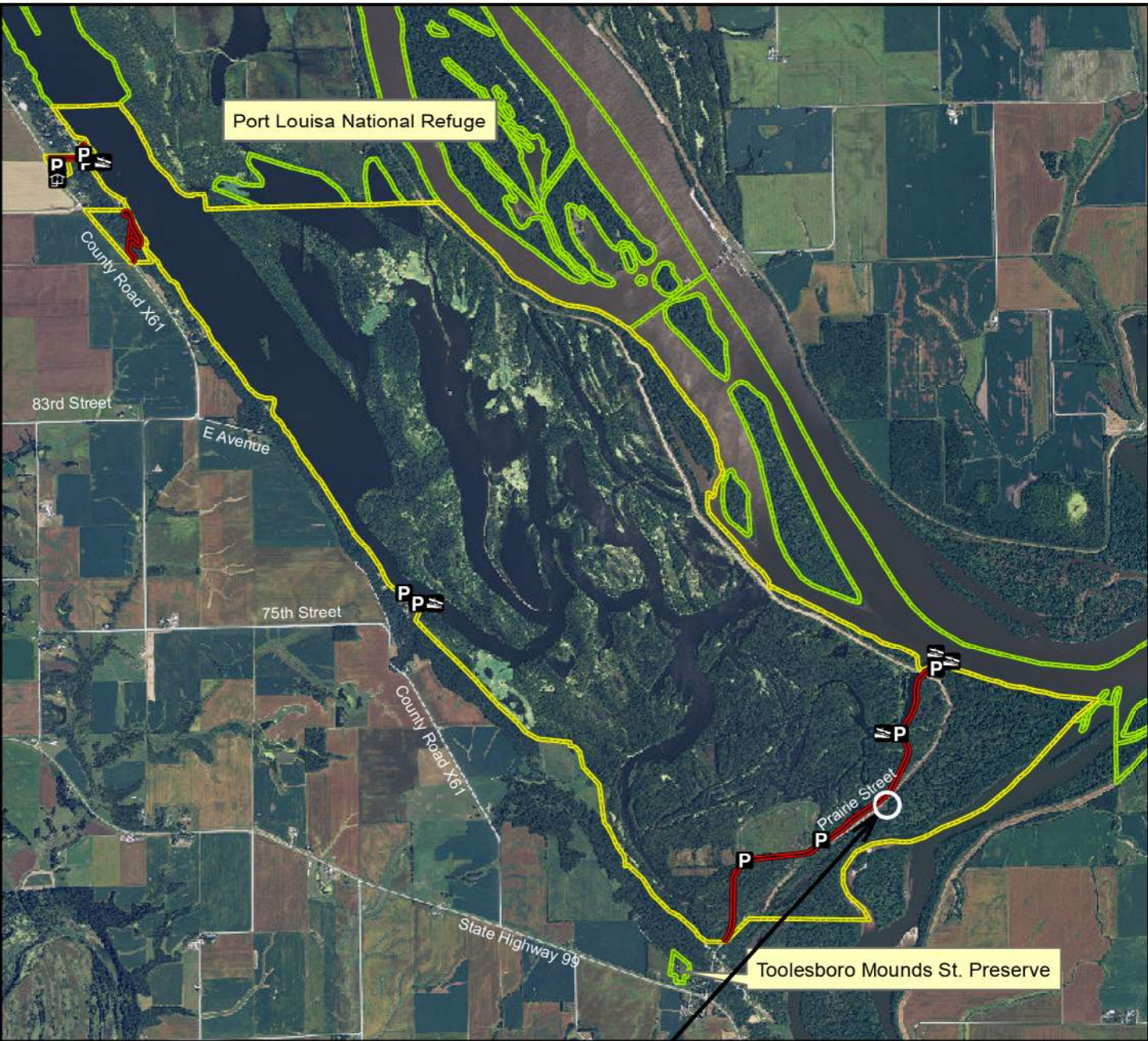
OLUCA COUNTY

NO.	BY DATE	REVISION
DRAWN BY:	PROJECT NUMBER:	
BLF	25-06-58-01	
CHK'D BY:	DATE:	
	JUNE 2025	
SHEET <u>1</u> OF <u>1</u>		

A.01



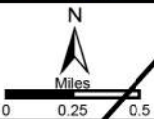
Odessa Wildlife Management Area



Legend

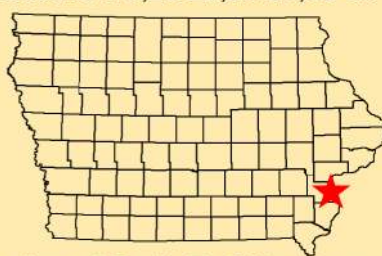
- State Areas open to hunting
- WMA Boundary
- Unit Headquarters
- Parking Lot
- Boat Ramp
- Access Road
- Other Public Land
- 2010 Aerial Photography

Map Creation Date: 5/2012



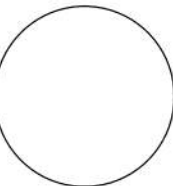
Acres: 4,139
Habitat: 1/2 Timber, 1/4 Lake, 1/4 Marsh
Species: Deer, Turkey, Squirrel, Waterfowl
Contact: Andy Robbins
Odessa Wildlife Unit
319-551-8459

Louisa County, Iowa
T-73&74N, R-02W,
Sections 1-3,20-22,26-29,33-36



Directions: 0.5 mile E of Wapello on Hwy 99. 3.5 miles NE on G62. 0.25 mile N on X61.

CONSULTANT:



IOWA DEPARTMENT OF
NATURAL RESOURCES

ENGINEERING SERVICES
6200 PARK AVENUE
DES MOINES, IA 50321



PROJECT LOCATION MAP

ROAD LEVEE REPAIR FOR:

ODESSA WMA

LOUISA COUNTY

REVISION

DRAWN BY: BLF
PROJECT NUMBER: 25-06-58-01

CHK'D BY: DATE: JUNE 2025

SHEET NO:

A.02

PROJECT LOCATION

APPROX 16 FEET
CLASS E RIPRAP
4:1 SLOPE

6200 PARK AVENUE
DES MOINES, IA 50321



ROAD LEVEE REPAIR FOR:

ODESSA WMA

LOUISIANA COUNTY

DRAWN BY:	PROJECT NUMBER:
BLF	25-06-58-01

CHK'D BY:	DATE: JUNE 2025
-----------	--------------------

SHEET No: _____

B.01

2 FEET

8 INCHES OF
BEDDING MATERIAL
1A DOT GRAD. #3

POOL
ELEV

APPROX 3 FEET

[illegible]

ESTIMATE REFERENCE INFORMATION	
ITEM NO.	DESCRIPTION
1	<ul style="list-style-type: none"> A. Iowa DOT gradation #3. B. Use for riprap bedding. C. Nominal 8 - inch depth. D. Limits of placement will be marked by the DNR Field Engineer. E. DOT approved source.
2	<ul style="list-style-type: none"> A. Nominal 2 - foot depth. B. Limits of placement will be marked by the DNR Field Engineer. C. DOT approved source.
3	<ul style="list-style-type: none"> A. Follow Iowa DOT Standard Specification 2528 for set-up. B. Minimum 7-day notice for road closure.
5.	<ul style="list-style-type: none"> A. Restore site to pre-construction condition. B. Includes seeding of all disturbed areas. C. Restored levee height must be consistent with adjacent levee height.

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.

Contact DNR Field Engineer for any equipment/material staging questions.

ENGINEERING SERVICES
6200 PARK AVENUE
DES MOINES, IA 50321



ROAD LEVEE REPAIR FOR:

ODESSA WMA

LOUISA COUNTY

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BLF	25-06-58-01	
CHK'D BY:	DATE:	
	JUNE 2025	
SHEET No:		

C.01

ODESSA WMA ROAD LEVEE REPAIR PROJECT OVERVIEW

WAPELLO

TOOLESBORO



CONSULTANT:

IOWA DEPARTMENT OF
NATURAL RESOURCES

ENGINEERING SERVICES
6200 PARK AVENUE
DES MOINES, IA 50321



SITE PLAN

ROAD LEVEE REPAIR FOR:

ODESSA WMA

LOUISA COUNTY

NO. BY DATE REVISION

DRAWN BY: BLF PROJECT NUMBER: 25-06-58-01

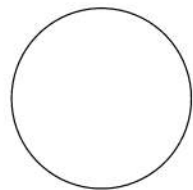
CHK'D BY: DATE: JUNE 2025

SHEET NO.:

D.01



CONSULTANT:



IOWA DEPARTMENT OF
NATURAL RESOURCES

ENGINEERING SERVICES
6200 PARK AVENUE
DES MOINES, IA 50321



SITE PLAN

ROAD LEVEE REPAIR FOR:

ODESSA WMA

LOUISA COUNTY

NO. BY DATE REVISION

DRAWN BY: PROJECT NUMBER:

BLF 25-06-58-01

CHK'D BY: DATE:

JUNE 2025

SHEET NO.:

D.02