

## Information for File #2014-03460-WAB

**Applicant:** Mr. David Lincoln

**Corps Contact:** William Baer

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**Primary County:** Itasca

**Location S/T/R:** Sec 27, T62N, R25W

**Information Complete On:** February 27, 2015

**Posting Expires On:** April 10, 2015

**Authorization Type:** LOP-10-R

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. An approved jurisdictional determination will be made prior to reaching a permit decision, and will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

**Project Purpose:** The purpose of the project is to create a permanent all-season access road to eight tracts of land.

**Project Description:** The project involves improving an existing access trail to create an all-season access road to eight tracts of land. The existing access trail is approximately 0.78 miles long and was constructed for agricultural and forest management purposes. According to the applicant, the existing trail was developed prior to 1989 and has been used for timber management as recently as 2013. The applicant proposes to add gravel to the surface of the existing trail. The new gravel will have a base width of 21 feet to create a driving surface that is twelve feet wide.

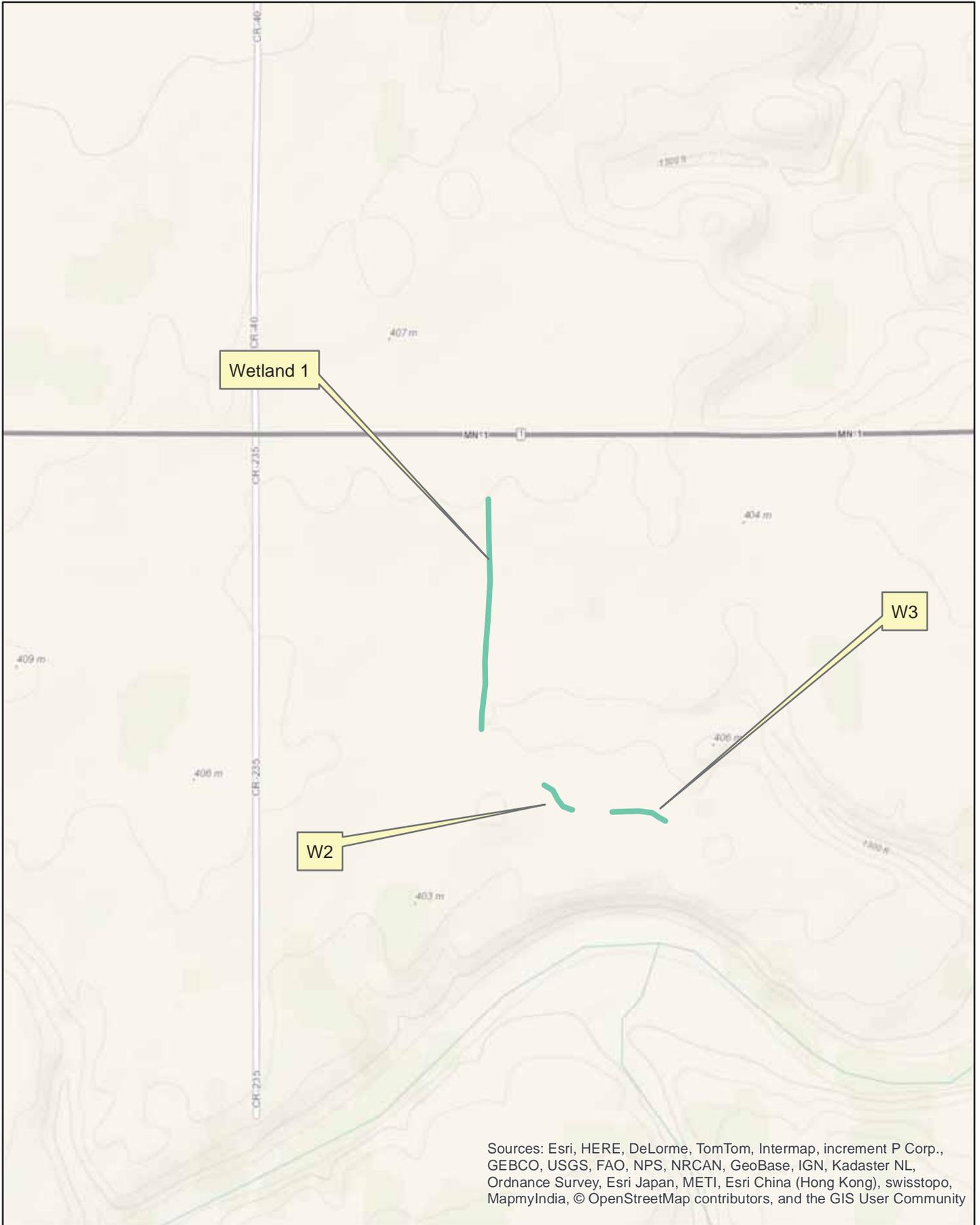
**Name, Area and Types of waters (including wetlands) subject to loss:** The existing trail crosses five wetland areas. The applicant proposes to place additional gravel fill in three wetland crossings and will relocate the trail to avoid two of the wetland areas. All of the affected wetlands consist of fresh (wet) meadow (Type 2). The total fill area for the three wetland crossings would be 0.97 acres.

**Alternatives considered:** The applicant considered several alternatives to the proposed project. The applicant considered using the existing trail without the addition of gravel, which was dismissed because vehicles would likely get stuck during wet conditions. This would also result in rutting of the trail during wet conditions. The applicant considered the use of individual or combined driveways to individual tracts, but these alternative designs would have greater wetland impacts than the proposed alternative. The applicant also considered an alternative entrance point off a secondary road west of the site rather than County Highway 1. This would require the establishment of an entirely new ¼ mile long access road across agricultural lands. This alternative was dismissed because adjacent landowners were not in favor of routing traffic on this course.

**Compensatory Mitigation:** The applicant has proposed project-specific compensatory mitigation by the establishment of in-kind fresh (wet) meadow wetland on-site. The compensatory mitigation wetland would be created by excavating an upland area that is adjacent to existing wetland and an excavated pond. The applicant has proposed to create 1.3 acres of new wetland with 1.3 acres of upland buffer.

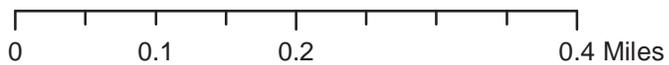
**Drawings** See attached.

2014-03460-WAB approximate wetland locations



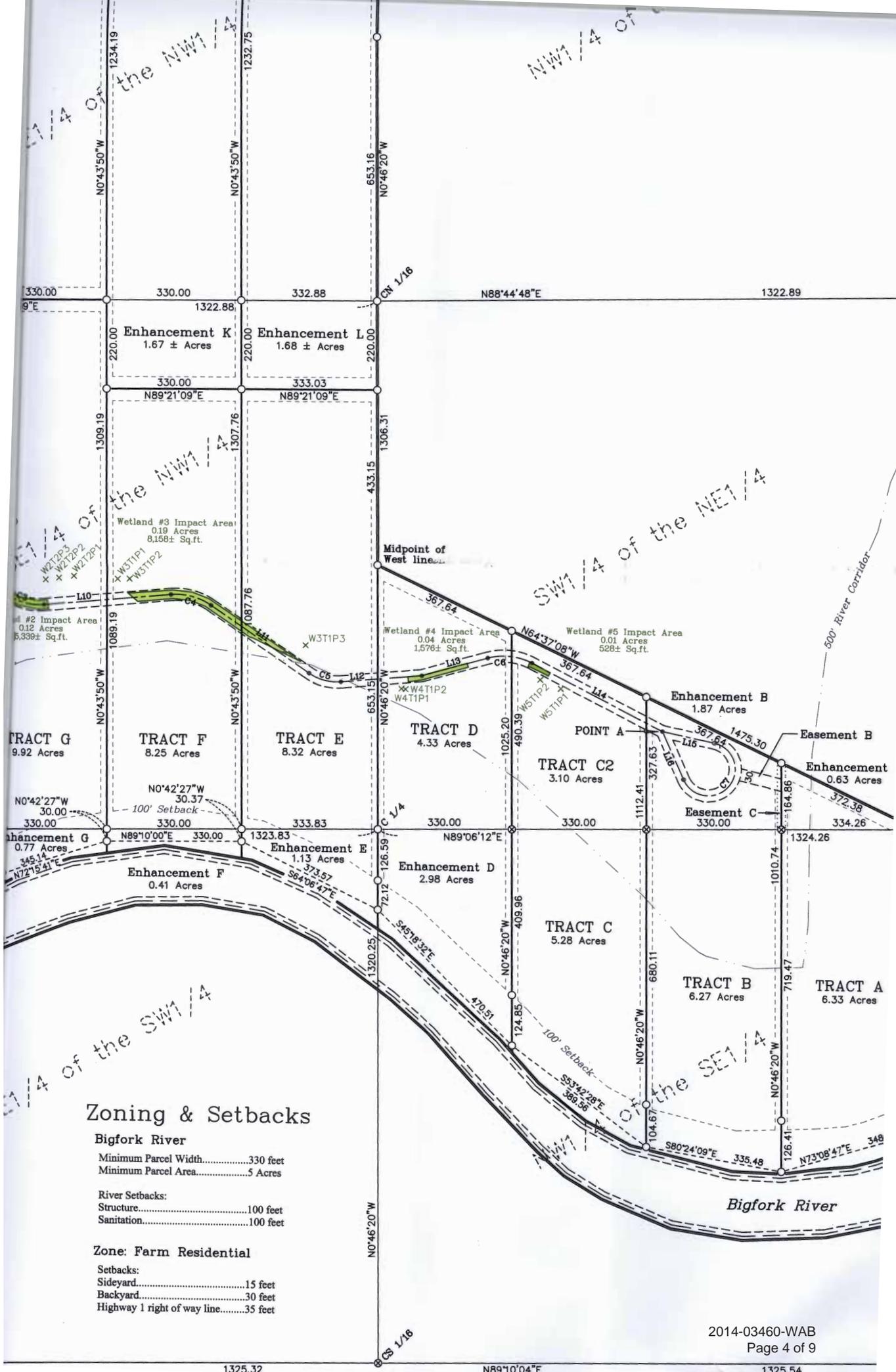
Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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### Zoning & Setbacks

#### Bigfork River

Minimum Parcel Width.....330 feet  
 Minimum Parcel Area.....5 Acres

#### River Setbacks:

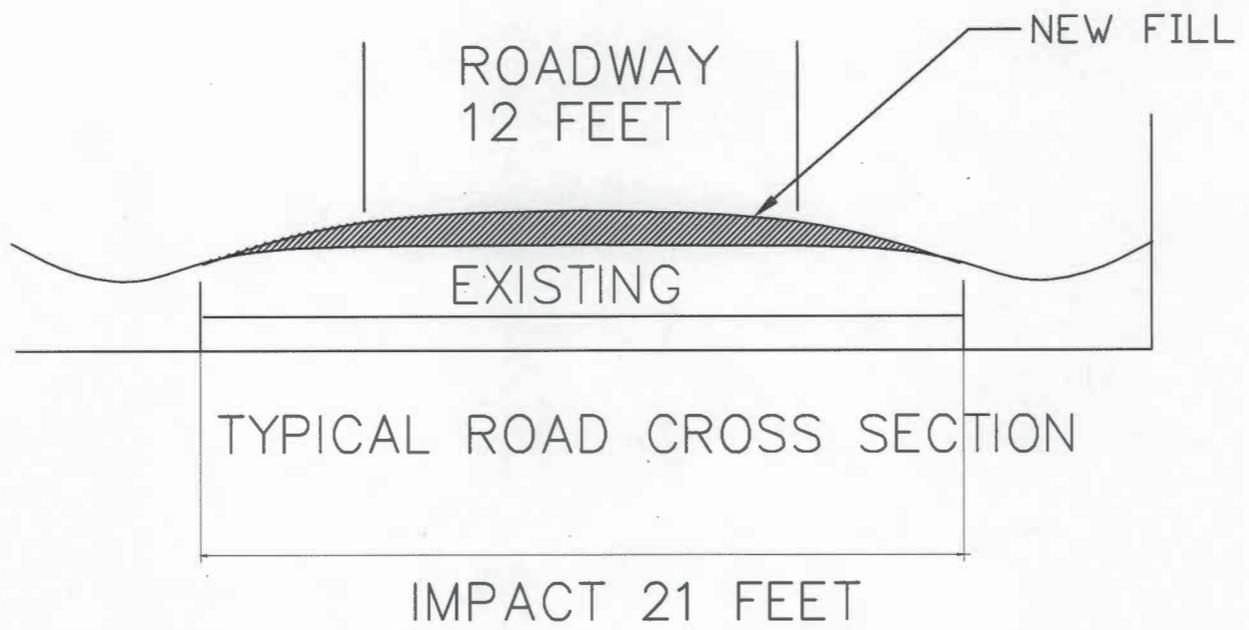
Structure.....100 feet  
 Sanitation.....100 feet

#### Zone: Farm Residential

#### Setbacks:

Sidyard.....15 feet  
 Backyard.....30 feet  
 Highway 1 right of way line.....35 feet

P-5



SCALE" 1" = 5'

Section 27  
Sec. 307592

N89°36'08"E

1321.94

W 1/16 Cor.  
Sec. 22-27

Driveway approach  
and culvert

STATE HIGHWAY NO. 1

75' State Highway No. 1 right of way line

1317.82

75.00

581.00

1312.06

TR  
9.9

16.5 49.5

NW 1/4 of the NW 1/4

N0°41'21"W

Easement A  
L4

656.06

L5

LINCOLN WETLAND PROJECT  
P-1

W 1/16 Cor.  
Sec. 27-28

N89°21'09"E

1322.88

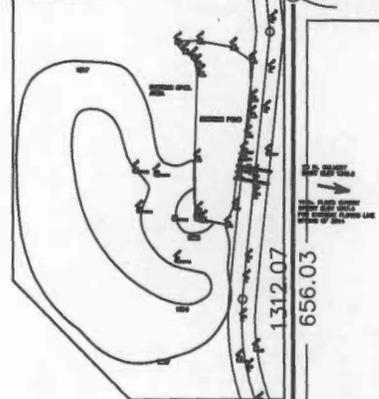
NW 1/16

1317.82

2.6 AC. PARCEL

SCALE" 1" = 200'

1312.07  
656.03



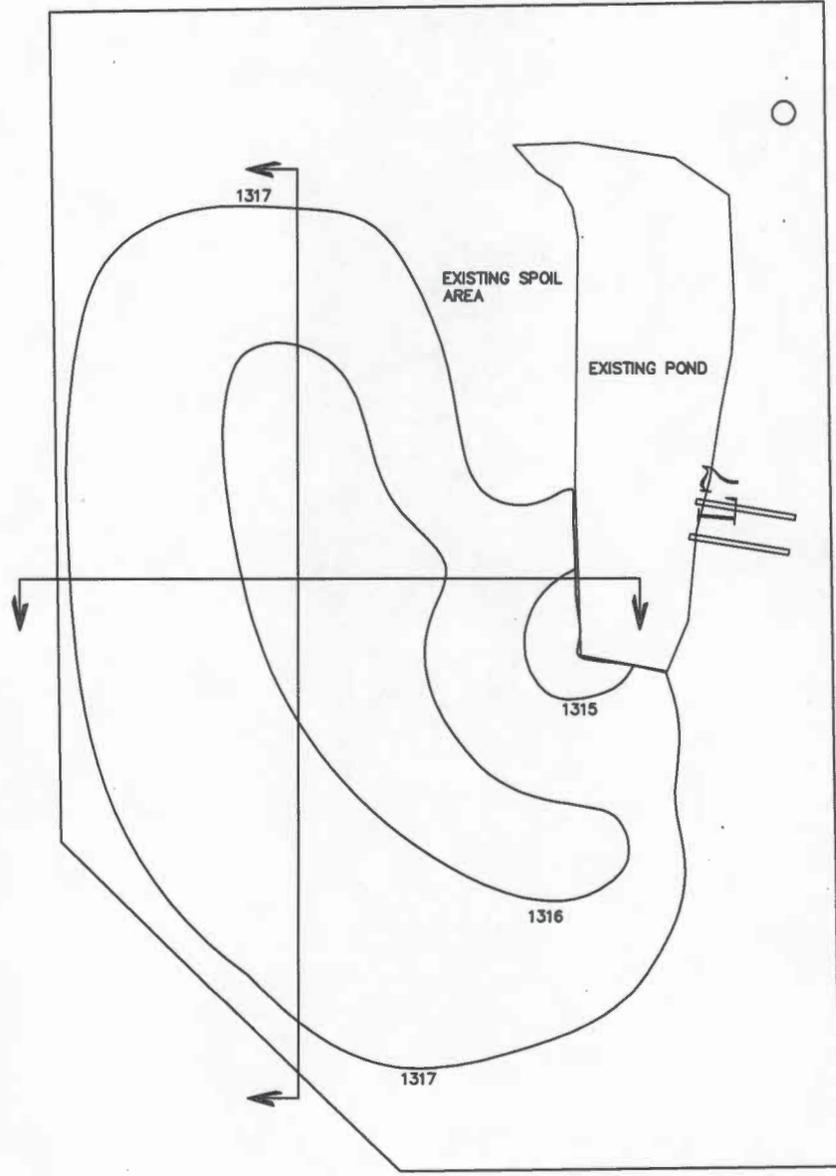
NEW WETLAND  
56680 SQ. FT.

ROAD NO. 235

Road No. 235 right of way lines

NW 1/4 of the NW 1/4

# LINCOLN WETLAND PROJECT P-2



20 IN. CULVERT  
INVERT ELEV 1315.8

10 in. FLOOD CUVERT  
INVERT ELEV 1317.4  
FOR EXTREME FLOODS LIKE  
SPRING OF 2014

BASE LINE ELEV 1317

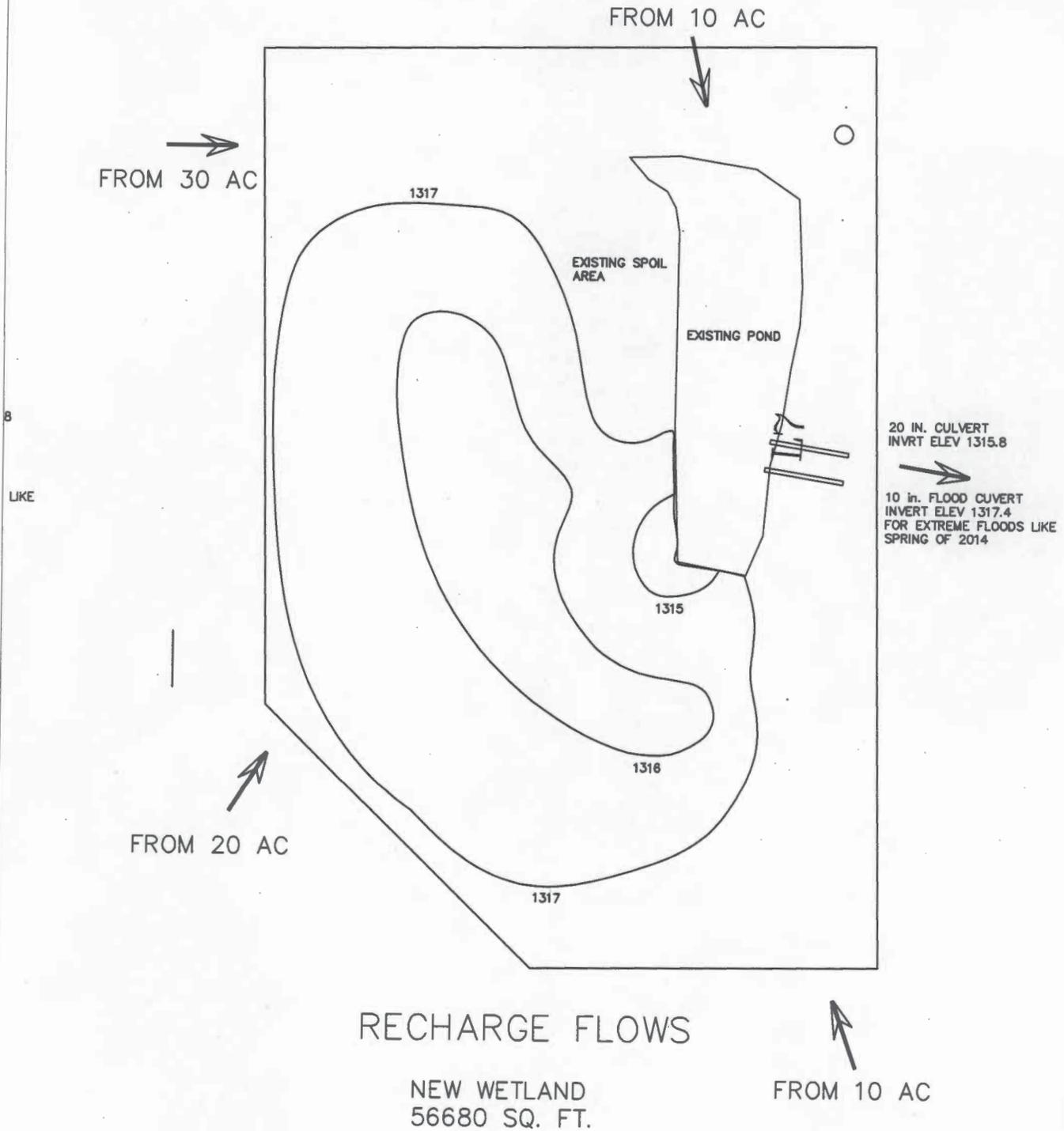


CROSS SECTION  
WEST TO EAST  
CROSS SECTION SCALE  
1 TO 5 FOR CLARITY

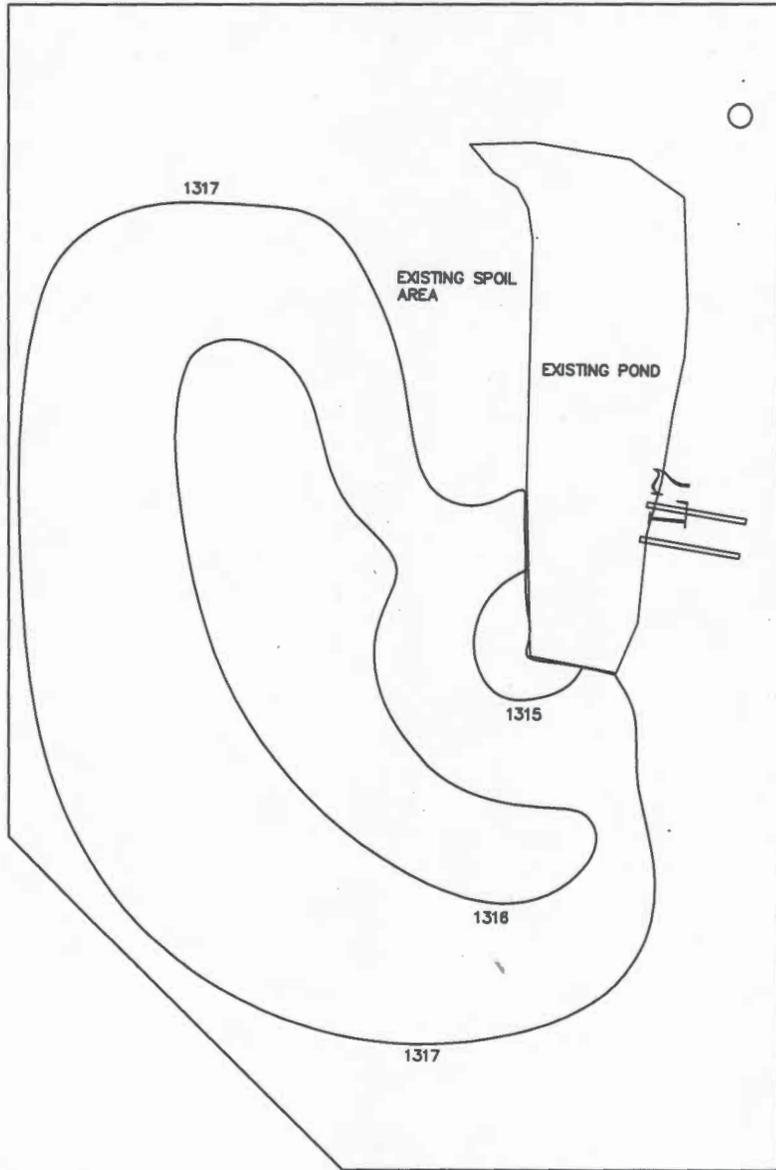
NEW WETLAND  
56,860 SQ. FT.

SCALE" 1" = 70'

# LINCOLN WETLAND PROJECT P-3



# LINCOLN WETLAND PROJECT P-4



## PLANT TYPES

### GRASSES

- Big bluestem
- Little bluestem
- Indian grass
- Side oats grama
- Canadian wild rice
- Switch grass
- Prairie dropseed
- Sand dropseed

### TREES

- White cedar
- Tamarack

SCALE" 1" = 70'