

Information for File # 2011-03721-LED

Applicant	City of Mountain Iron
Corps Contact	Leslie Day
Address	U.S. Army Corps of Engineers St. Paul District 1554 Highway 2, Suite 2 Two Harbors, Minnesota 55616
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Phone	(651) 290-5693
Primary County	St. Louis County
Section	Sections 10, 11, 14, and 15
Township	T. 58N.
Range	R. 18W.
Information Complete On	May 8, 2013
Posting Expires On	May 27, 2013
Authorization Type	LOP-05-MN

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

Project Description and Purpose:

The City of Mountain Iron is proposing to construct a city street (Unity Drive) and parallel pedestrian/bicyclist trail along an approximately 3,000 linear foot corridor between the existing Park Drive and Diamond Lane. The street would be an extension of the existing Unity Drive street corridor on the east end of the project and would connect

two subdivisions, South Grove and Unity Addition. Approximately 1,300 linear feet of the proposed street corridor is existing degraded gravel road. There is no road along the remainder of the corridor.

The purpose of the project is to provide direct access between the South Grove and Unity Addition subdivisions. The project is also intended to provide access to private properties between the two subdivisions.

The City is proposing to construct the road with a 24-foot-wide bituminous surface and 4-foot aggregate shoulders. The City is proposing to construct a pedestrian/bicyclist trail with a 10-foot-wide bituminous surface and 1-foot aggregate shoulders on both sides. The trail would be constructed immediately parallel to and separated from the road by a 5-foot-wide shoulder (4-foot road shoulder and 1-foot trail shoulder) to ensure pedestrian and bicyclist safety. The trail would connect to the existing sidewalk system at Unity Drive and Diamond Lane on the east end of the project and to Park Avenue and Garden Drive on the west end of the project.

Project Involves:

The project is located outside of designated critical habitat for all federally listed species, including Canada lynx.

The project is located within the 1854 Ceded Territory as determined by the Treaty of 1854.

Name, Area and Types of Waters (Including Wetlands) Subject to Loss:

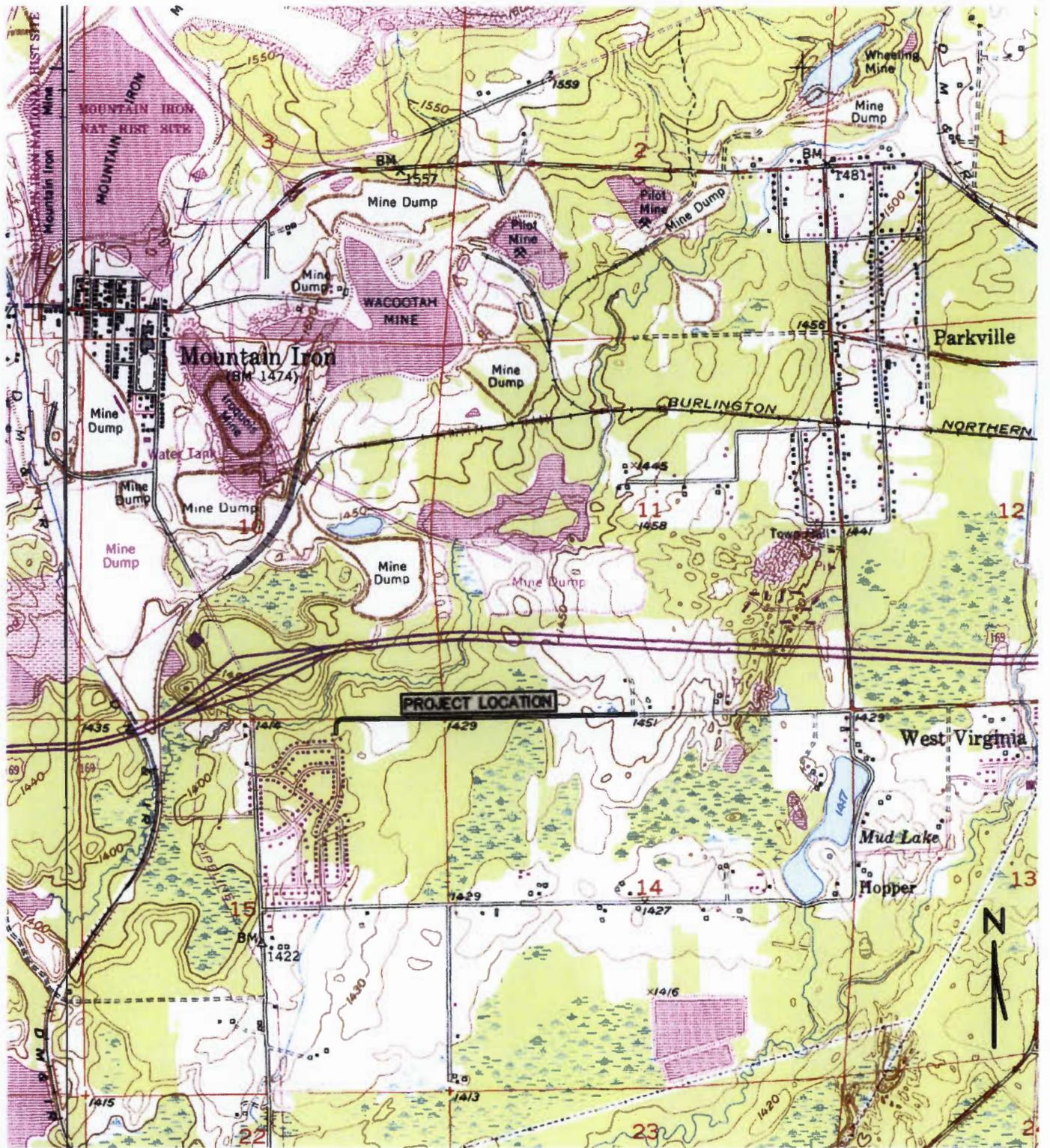
The project would involve the discharge of dredged and fill material 24,905 square feet (0.57 acres) of wetlands (23,684 square feet (0.54 acres) of shrub-carr (Type 6) and 1,221 square feet (0.03 acres) of hardwood and coniferous swamp (Type 7) wetlands) adjacent to an unnamed tributary to the East Two River for the construction of an approximately 0.57 mile long segment of Unity Drive in St. Louis County. During the fall of 2011, the Corps field reviewed and approved the wetland boundaries as delineated.

From the typical cross-section provided and from a statement by the engineer, the project would not involve the construction of new ditches or the deepening of existing ditches along the corridor within wetlands. The Corps has requested additional information on the 0.35 mile corridor, including a set of cross-sections, to complete our evaluation and environmental analyses of this project.

Compensatory Mitigation:

Compensatory mitigation for the approximately 0.57 acres of permanent wetland impacts in Bank Service Area (BSA) 2 would be required for the project under Section 404 of the Clean Water Act. The applicant has proposed to withdraw Corps approved mitigation credits from the Bruce Hasbargen Mitigation Bank (BWSR Account #1505) in BSA 2 as compensation for these unavoidable impacts to waters of the United States.

Drawings See attached.



VIRGINIA QUADRANGLE
 MINNESOTA - ST. LOUIS CO.
 7.5 MINUTE SERIES



CITY OF MT. IRON
 UNITY DRIVE IMPROVEMENTS

APRIL. 2013

SITE LOCATION MAP



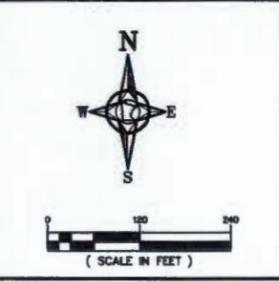
2011-03721-LED
 Drawing 1 of 4

PROJECT LOCATION MAP



8878 Main Street
 P.O. Box 261
 Mountain Iron, MN 55768
 Phone: 218-735-8914
 Fax: 218-735-8923
 E-Mail: info@bm-eng.com
 Website: www.bm-eng.com

- CIVIL ENGINEERING
- ENVIRONMENTAL ENGINEERING
- LAND SURVEYING
- PLANNING
- MINING
- LAND DATA BASE MAPPING



PROJECT NO: MI13-03
 DATE: FEB. 2013
 DRAWN BY: JBA
 CHECKED BY: AJ

DATE	REVISIONS	DESCRIPTION

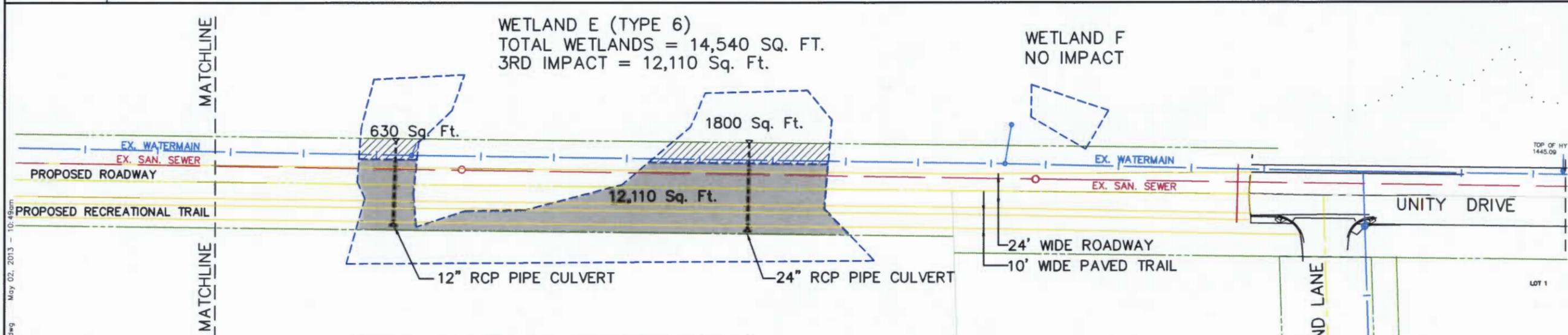
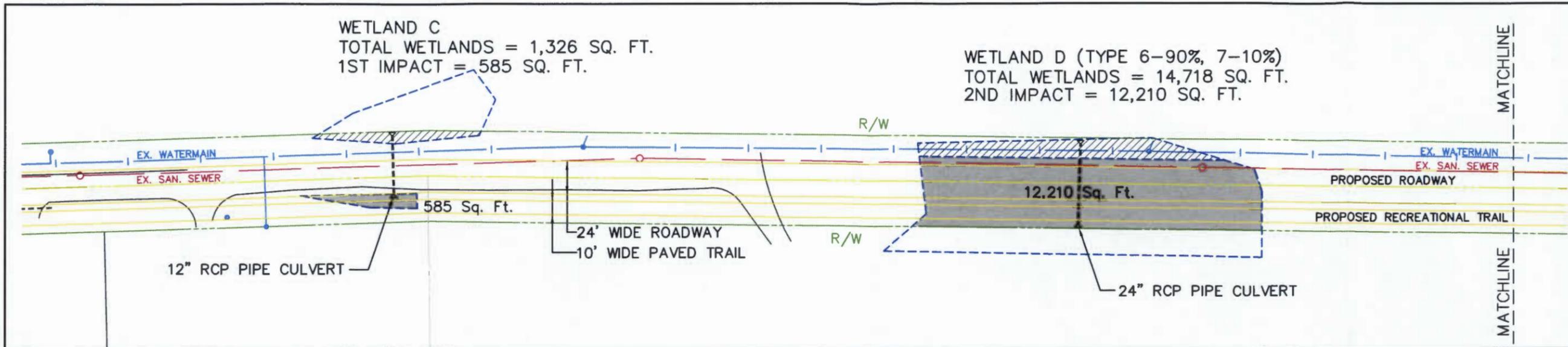
UNITY DRIVE IMPROVEMENTS

MTN. IRON, MINNESOTA

AERIAL MAP/ PROPERTY OWNERSHIPS

SHEET NO.
 1 OF 1

Plotted By: paul \\bmsrver2\and projects\MI13-03 feasibility study\unity dr\dwg\MI13-03_PROJECT MAP.dwg Apr 17, 2013 - 7:10am



LEGEND

- - - EX. WETLANDS LIMITS
- WETLANDS IMPACT AREA
- ▨ WETLANDS WITHIN RIGHT-OF-WAY

WETLAND IMPACT SUMMARY						
OPTION NO.	WETLAND AREA "C"	WETLAND AREA "D"	WETLAND AREA "E"	WETLAND AREA "F"	TOTAL IMPACT	TYPICAL SECTION DESCRIPTION
1	1,315	14,955	14,410	0	30,680	32' WIDE ROAD W/ 5' WALK & 10' TRAIL
2	585	13,219	13,530	0	27,334	32' WIDE ROAD W/ 10' TRAIL
3 & 4	585	12,210	12,110	0	24,905	24' WIDE ROAD W/ 10' TRAIL (SEE THIS PAGE)
5	0	12,210	12,110	0	24,320	24' WIDE ROAD W/ 10' TRAIL (NO IMPACT ON AREA "C")

BENCHMARK ENGINEERING, INC.

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- CIVIL ENGINEERING
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- PLANNING
- MINING
- LAND DATA BASE MAPPING

N
E
S
W

(SCALE IN FEET)

PROJECT NO: MI13-04
DATE: MARCH 2013
DRAWN BY: JBA
CHECKED BY: AAJ

DATE	REVISIONS	DESCRIPTION

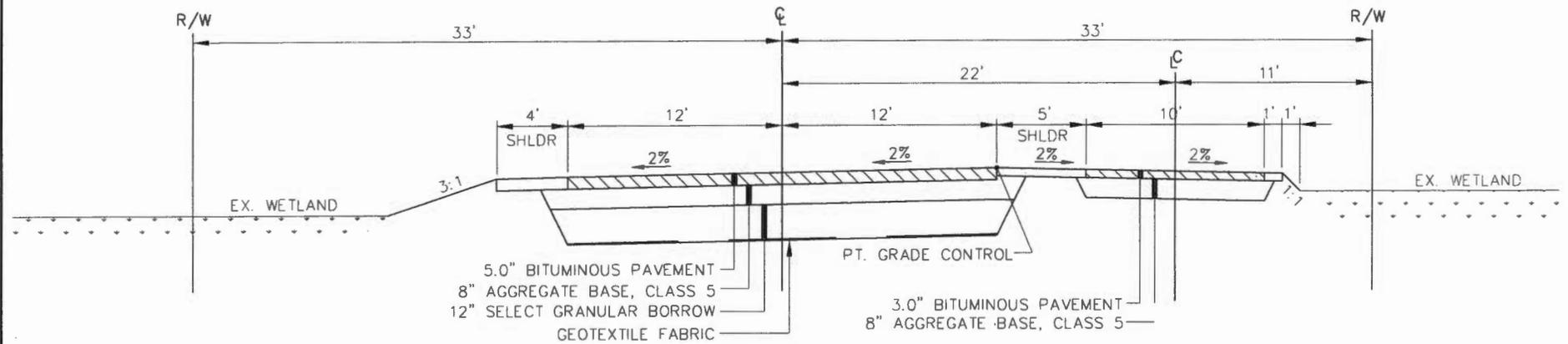
UNITY DRIVE ROAD & TRAIL CONSTRUCTION

MTN. IRON, MINNESOTA

FIGURE 4 WETLANDS IMPACT

SHEET NO.
OF 1

Protected By: Jeremy L:\MI13-04\unity wetland permitting\dwg\MI13-04_WETLANDS_EXHIBIT.dwg May 02, 2013 - 10:49am



TYPICAL ROAD-TRAIL SECTION

NO SCALE

2011-03721-LED
Drawing 4 of 4



UNITY DRIVE ROAD & TRAIL CONSTRUCTION
CITY OF MOUNTAIN IRON, MINNESOTA

TYPICAL ROAD-TRAIL SECTION

MARCH 2013

FIGURE 5