

Information for File #2015-00707-TJH

Applicant: City of Sandstone, Minnesota

Corps Contact: Tom Hingsberger

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Phone: (651) 290-5367

Primary County: Pine

Location: sec. 16, T. 24 N., R. 20 W.; 46.123811, -92.881654

Information Complete On: October 8, 2015

Posting Expires On: January 18, 2016

Authorization Type: This application is being reviewed in accordance with current practices for documenting Corps jurisdiction under Section(s) 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act.

We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are subject to Corps of Engineers jurisdiction under Section(s) 9 & 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act. If an approved jurisdictional determination is completed as part of the review process for this application, a copy will be posted on the St. Paul District web page at the following link:  
<http://www.mvp.usace.army.mil/Missions/Regulatory.aspx>.

Project Description and Purpose: The City of Sandstone, Minnesota has applied for Department of the Army authorization pursuant to section 404 of the Clean Water Act to discharge fill material into 1.94 acres of wetlands and less than 10 linear feet of Skunk Creek and for the construction of a new road and sanitary and storm sewer utilities. The new road, an extension of Lundorff Drive, will be constructed from Highway 23 to approximately 5,000 feet south of the Highway 23. The new road and utilities will service the proposed Pine Medical Center campus and business park. Activities requiring Department of the Army authorization associated with the campus and business park are being reviewed under separate application (see LOP posting for 2015-00711-TKH).

Name, Area and Types of Waters Subject to Loss: The project would result in permanent fill impacts to 1.61 acres of wetlands and temporary fill impacts to 0.33 acres of wetlands. All of the permanent fill impacts to wetlands are associated with road construction. The wetland types consist of shrub carr, fresh (wet) meadow, and floodplain forest. The project would also result in temporary impacts to a small length of Skunk Creek and other wetlands for trenching the utilities. Temporary impacts would be restored to their pre-construction elevation and condition.

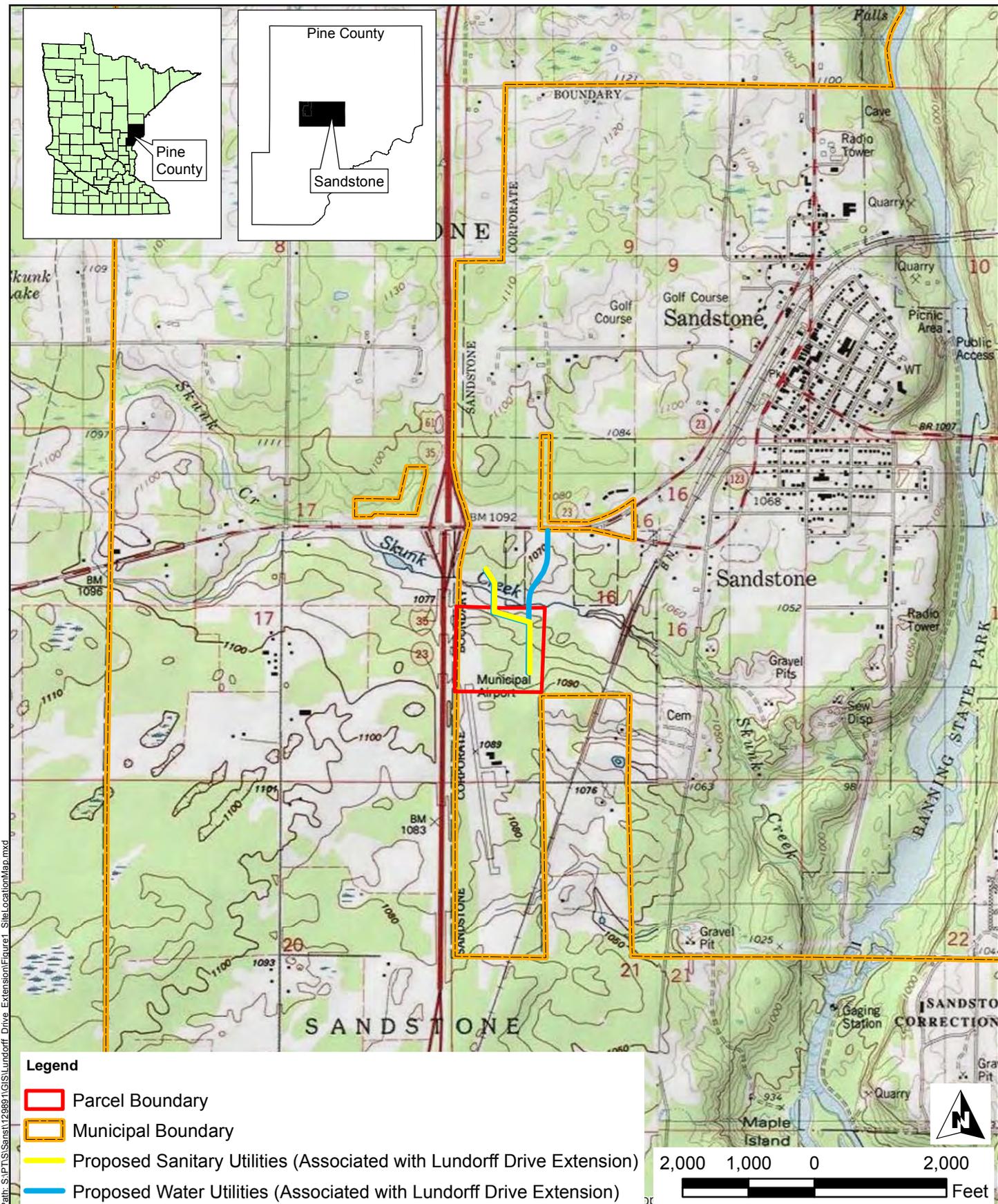
Alternatives Considered: The applicant has only considered the "no-build" and the preferred alternative. The applicant states that an earlier design included permanent impacts to an additional 0.56 acre of wetland which was avoided through a change in roadway alignment. The applicant has also stated impacts to Skunk Creek and its adjacent wetlands have been avoided by using a clear span bridge.

Compensatory Mitigation: The applicant has proposed to purchase 1.61 mitigation credits for permanent losses of wetlands associated with the project. The exact source of the credits has not been identified but the applicant expects to find the appropriate type and amount in the bank service area in which the impacts would occur.

See attached drawings.

**Table 2**  
**Wetland Impacts by Basin and Impact Type for the Current Design Alternative**

Basin ID	Circ.39 (Cowardin) Plant Comm. Type <sup>1</sup>	Setting and Inlet/ Outlet	DNR PWI	Basin Size <sup>2</sup>	Wetland Impacts (Alt 3A)			
					Fill impact (ac)	Cut impact (ac)	Temp. impact (ac)	Total impact (ac)
1	Type 6/2 (PSS/PEMB)	Flow through; palustrine fringe of Skunk Creek	Skunk Creek is unnumbered Public Watercourse	>20 ac	0.01	0.00	0.33	<b>0.34</b>
	Shrub carr/ Wet (fresh) meadow							
2	Type 6/2 (PSS/PEMB)	Flow through; roadside ditch on south side of MN Hwy 23	no	>2 ac	0.18	0.00	0.00	<b>0.18</b>
	Shrub carr/ Wet (fresh) meadow							
5	Type 1L (PFO1A)	Flow through wetland	no	>1.5 ac	1.13	0.00	0.00	<b>1.13</b>
	Floodplain forest							
6	Type 2 (PEMB/PFO1B)	Isolated depression	no	>1 ac	0.00	0.00	0.00	<b>0.00</b>
	Fresh (wet) Meadow							
	Hardwood Swamp							
<b>Total Impacts (ac)</b>					<b>1.32</b>	<b>0.00</b>	<b>0.33</b>	<b>1.65</b>



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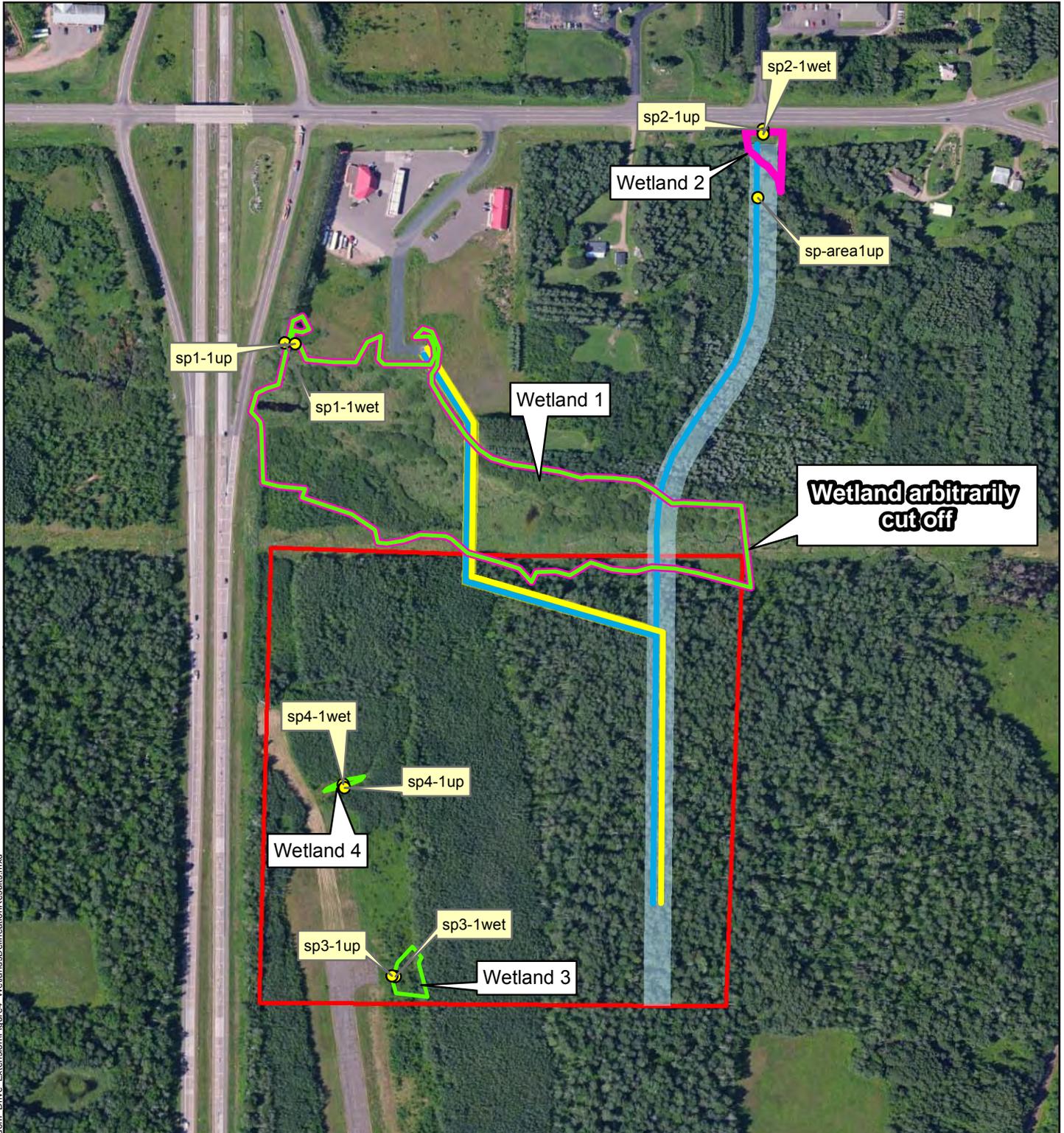
**Legend**

- Parcel Boundary
- Municipal Boundary
- Proposed Sanitary Utilities (Associated with Lunderoff Drive Extension)
- Proposed Water Utilities (Associated with Lunderoff Drive Extension)



	3535 VADNAIS CENTER DR. ST. PAUL, MN 55110 PHONE: (651) 490-2000 FAX: (888) 908-8166 TF: (800) 325-2055 <a href="http://www.sehinc.com">www.sehinc.com</a>	Project: SANST 129891 Print Date: 10/1/2014 Map by: AK Projection: UTM, Zone 15, NAD 83, m Source: USGS 7.5 Min. Topo, MnDOT, and SEH Inc.	<h2 style="margin: 0;">General Location Map</h2> <p style="margin: 0;">Lunderoff Drive Extension</p> <p style="margin: 0;">Sandstone, Minnesota</p>	<h2 style="margin: 0;">Figure</h2> <h1 style="margin: 0;">1</h1>
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This map is neither a legally recorded map nor a survey map and is not intended to be used as one. This map is a compilation of records, information, and data gathered from various sources listed on this map and is to be used for reference purposes only. SEH does not warrant that the Geographic Information System (GIS) Data used to prepare are error free, and SEH does not represent that the GIS Data can be used for navigational, tracking, or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknowledges that SEH shall not be liable for any damages which arise out of the user's access or use of data provided.

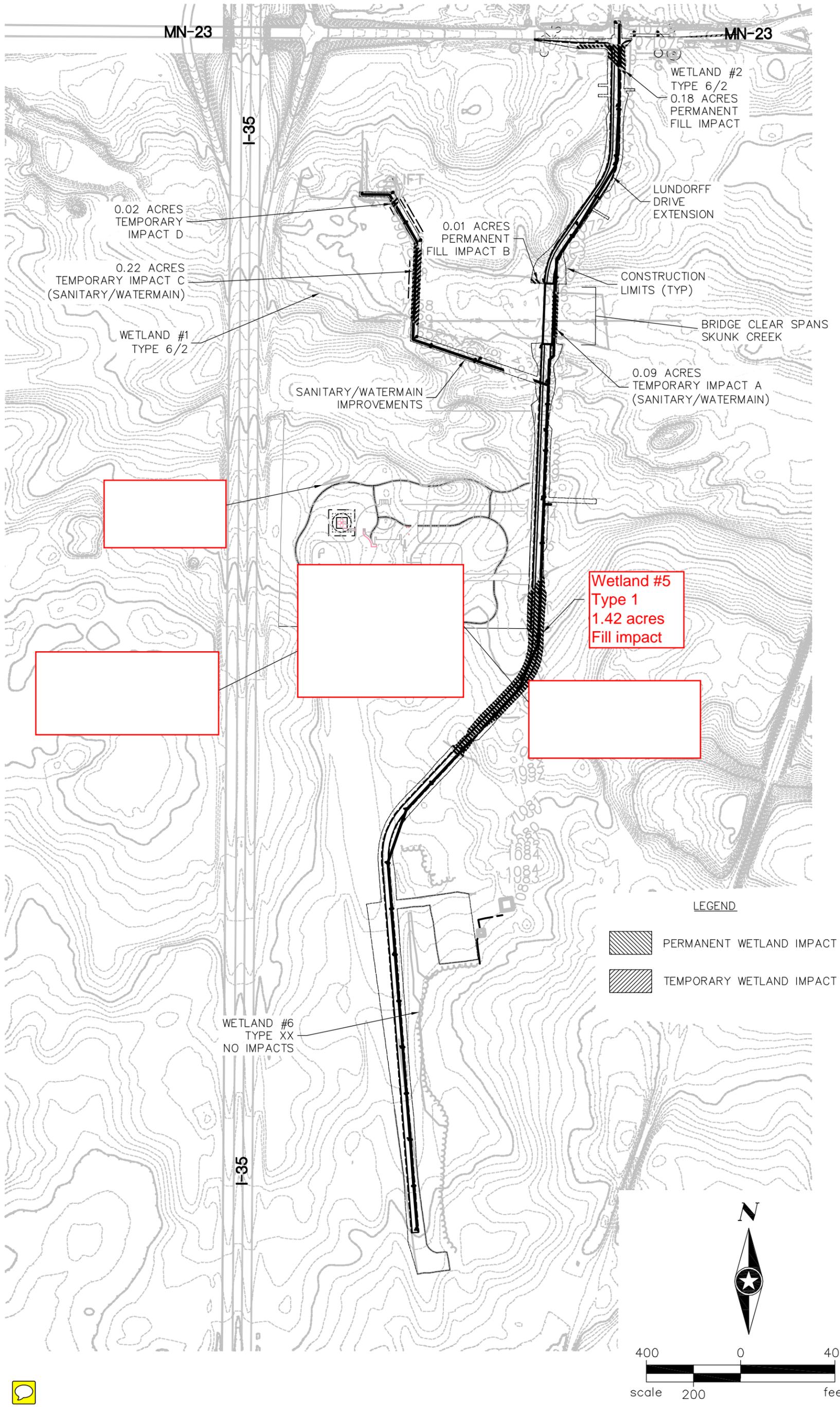


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<b>Legend</b>	
Sample Points	Proposed Sanitary Utilities (Associated with Lunderdoff Drive Extension)
Wetland Delineation for Lunderdoff Drive Extension	Proposed Water Utilities (Associated with Lunderdoff Drive Extension)
Wetland Delineation for Sandstone Medical Facility	Proposed Utility Route
Parcel Boundary	Lunderdoff Drive Extension

	3535 VADNAIS CENTER DR. ST. PAUL, MN 55110 PHONE: (651) 490-2000 FAX: (888) 908-8166 TF: (800) 325-2055 www.sehinc.com	Project: SANST 129891 Print Date: 10/14/2014 Map by: AK Projection: UTM, Zone 15, NAD 83, m Source: MnGEO 2011 aerial, MnDOT, WIDNR, MnDNR, and SEH Inc.	<h2 style="margin: 0;">Wetland Delineation Results</h2> <p style="margin: 5px 0;">Lunderdoff Drive Extension</p> <p style="margin: 5px 0;">Sandstone, Minnesota</p>	<h1 style="margin: 0;">Figure 4</h1>
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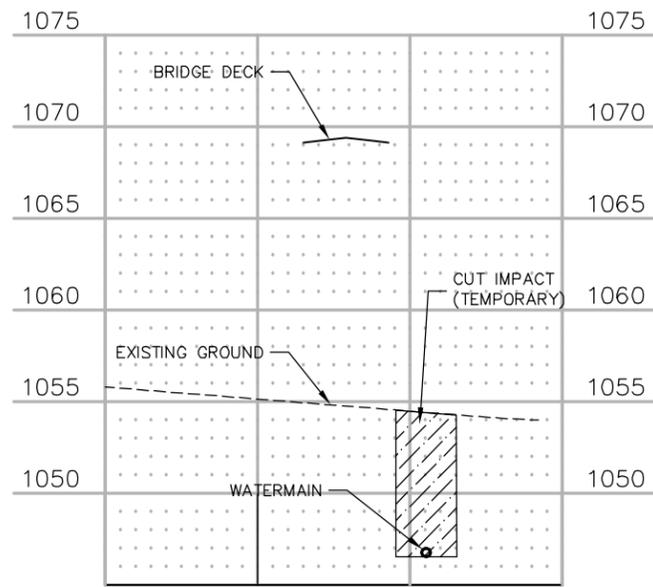
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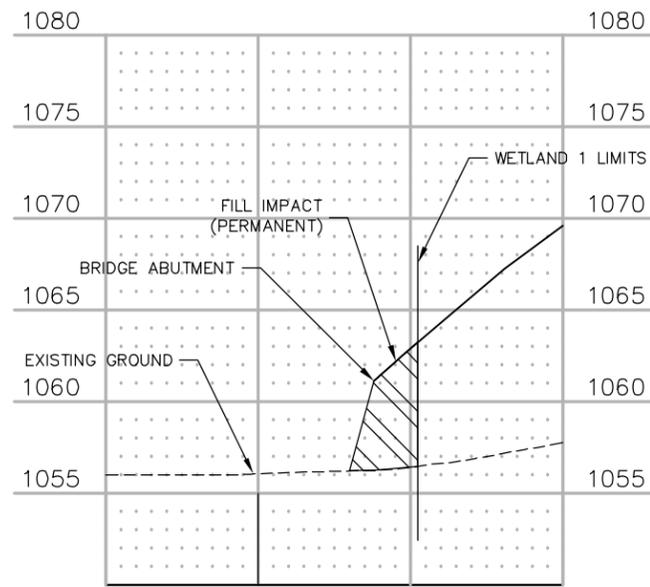
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<p>           PHONE: 651.490.2000            3535 VADNAIS CENTER DR.            ST. PAUL, MN 55110-5196            www.sehinc.com         </p>	FILE NO. SANDST.130430	<b>PLANVIEW          WETLAND IMPACTS          SANDSTONE, MINNESOTA</b>	<b>FIGURE          NO. 5</b>
	DATE: 6.2.15		

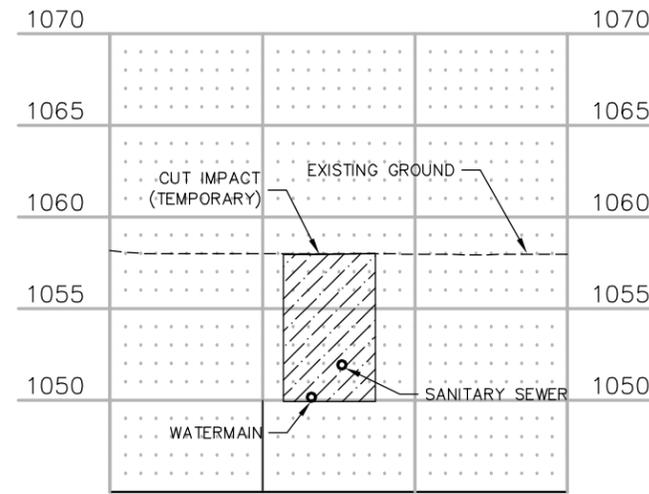
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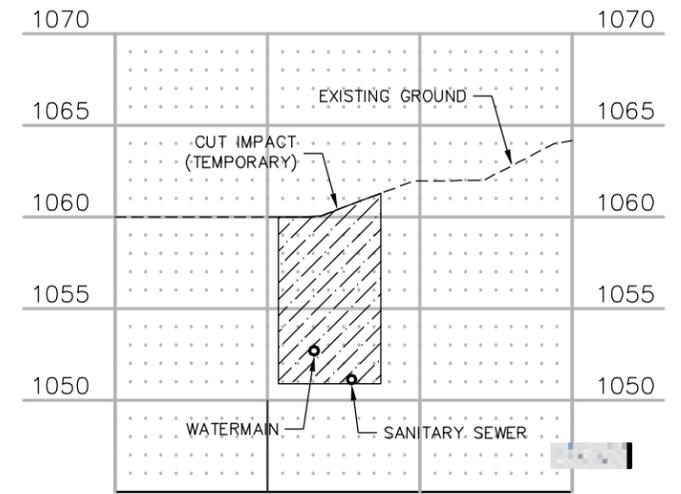
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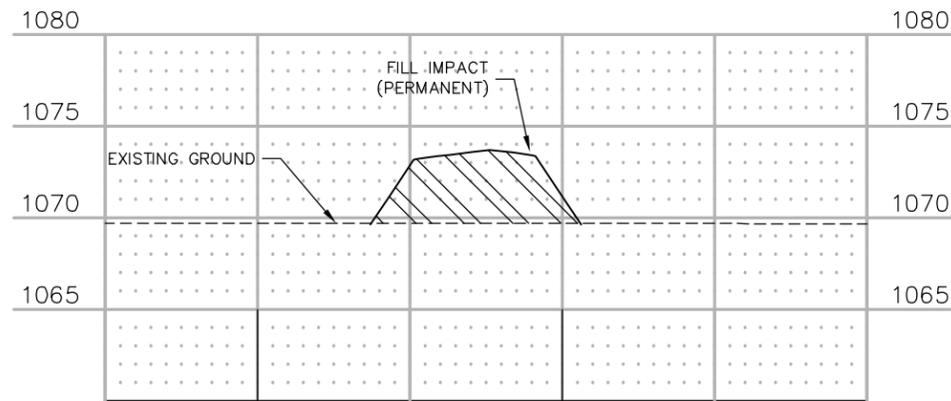
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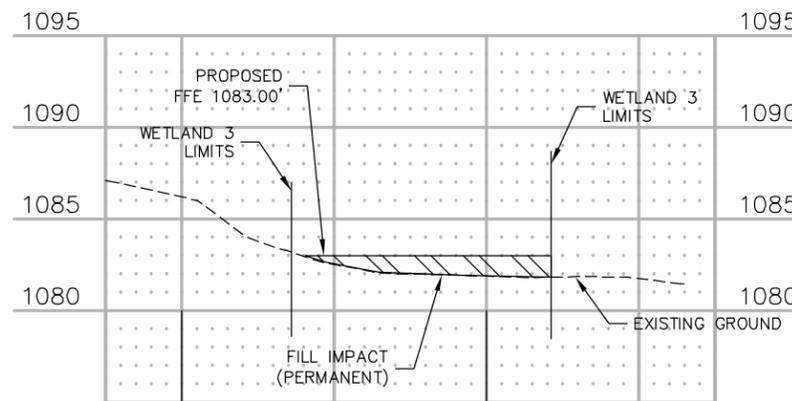
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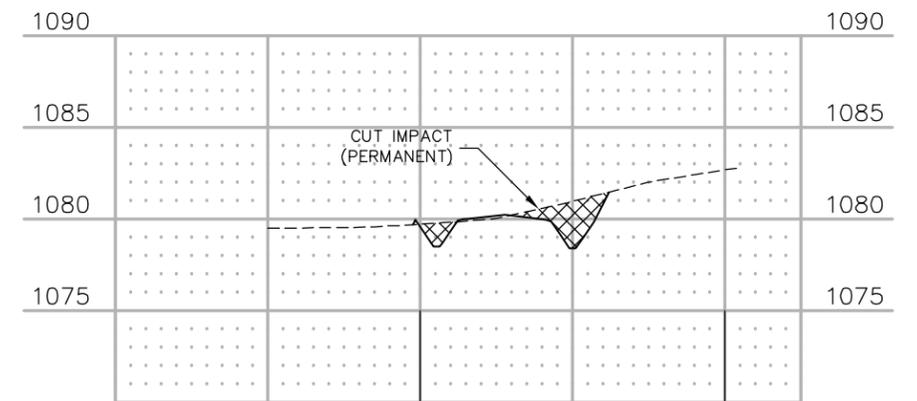
WETLAND 1 IMPACT D



WETLAND 2



WETLAND 3



WETLAND 5



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**CROSS SECTIONAL  
DRAWINGS DEPICTING  
PERMANENT AND  
TEMPORARY CUT AND FILL  
IMPACTS TO WETLANDS  
SANDSTONE, MINNESOTA**

**FIGURE  
NO. 6**