

Information for File #2013-04195-DAS

Applicant Wisconsin Central, Ltd.

Corps Contact David Studenski
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Phone (651) 290-5902

Primary County Jackson

Section, Township, Range Sec. 13 and 14, T. 22 North, R. 2 West, and
Sec. 18 and 19, T. 22 North, R. 1 West

Information Complete On March 19, 2014

Posting Expires On **June 12, 2014**

Authorization Type LOP-06-WI

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.

Project Description and Purpose (As stated by the applicant):

The applicant has proposed the construction of approximately 2.25 miles of a new rail siding to provide an area for train passage to improve the capacity and efficiency of the existing railway. The siding would be bordered by the existing rail line to the south, Old Highway 54 to the north, Waterbury Road to the west, and Hamus Road to the east. The center of the proposed siding would be constructed 15 feet north of the center of the existing mainline.

Aquatic Resource Impacts (As stated by the applicant):

1.4 acres of wetland adjacent to White Creek and Mollies Creek would be converted to upland as a result of the proposed project. The wetlands are in the Black River watershed of the Upper Mississippi Region. The wetland impacts are identified as follows:

Wetland Fill/Impact Area (Part of Wetland)	Fill/Impact Area (acres) ¹	Impacted Wetland Type(s) ² and Area (acres) ¹
F1 (W-13A)	0.27	PEM/Sedge Meadow - 0.14
		PSS/Shrub-carr - 0.13
F2 (W-14A)	0.25	PEM/Sedge Meadow - 0.13
		PSS/Shrub-carr - 0.12
F3 (W-1B)	0.03	PEM/Sedge Meadow - 0.03
F4 (W-1D)	0.41	PEM/Sedge Meadow - 0.29
		PSS/Shrub-carr - 0.12
F5 (W-1H)	0.34	PEM/Sedge Meadow 0.24
		PSS/Shrub-carr - 0.10
F6 (W-1H)	0.02	PEM/Sedge Meadow - 0.02
F7 (W-3B)	0.06	PEM/Sedge Meadow - 0.06
F8 (W-4D)	0.02	PEM/Sedge Meadow - 0.02
Totals	1.40	PEM/Sedge Meadow – 0.93
		PSS/Shrub-Carr – 0.47

¹ Calculations based on project plan drawings, impact areas/cross sections and functions of AutoCAD software.

² Cowardin Classification: PEM = Palustrine Emergent Wetland; PSS = Palustrine Scrub-Shrub Wetland; PFO = Palustrine Forested - Wetland/Eggers and Reed: Wetland Plant Communities of MN and WI

An additional 0.158 acres of wetland would be converted to upland. These wetlands have been identified by the applicant as non-regulated wetlands because they are in artificial drainage features that have formed in historic uplands.

Alternatives Considered (As stated by the applicant):

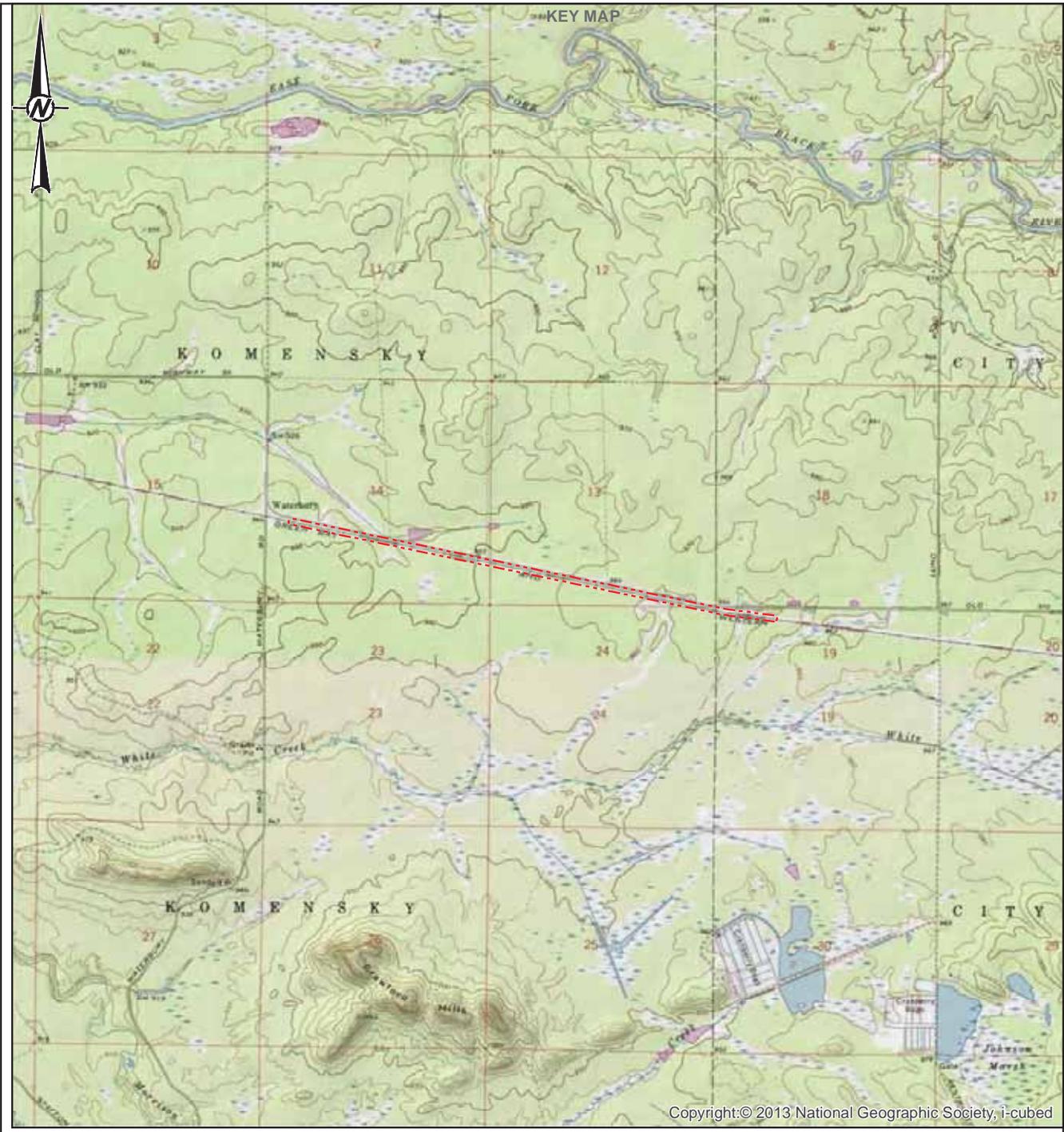
Suitable siding locations require enough space and sight distance for safe and efficient train deceleration and acceleration, minimal number of road crossings, minimal number of impacted residents, distance of the siding to appropriate maintenance and emergency response staff, and location of the siding in relation to customer locations and service routes. No alternative locations are available that would reduce the number of stream, wetland, floodplain and other sensitive natural area crossings.

The applicant considered constructing the siding on the south side of the existing tracks. This alternative was not chosen because it would cause greater environmental impacts. If the siding was constructed on the south side of the tracks it would require impacts to wetlands that are largely intact and part of larger wetland systems extending south of the site, as opposed to the smaller wetlands found on the north side of the existing railway. Locating the siding on the south side would also require clearing and tree removal within forested uplands and wetlands, resulting in the loss of better quality habitat than that located along the north side. Constructing the siding on the south side of the tracks would also create hazardous work conditions during construction because of the limited access available.

Compensatory Mitigation:

The applicant has proposed purchasing 2.037 credits of sedge meadow wetland and 0.272 credits of shrub swamp wetland from the Foggy Acres Wetland Mitigation Bank. The bank is located in Sec. 22, T. 31N, R. 6W, Chippewa County, Wisconsin. The bank site is in the Chippewa River watershed of the Upper Mississippi Region.

Drawings See attached.



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Legend

 Approximate Site Limit



CLIENT
WISCONSIN CENTRAL, LTD.

PROJECT
PROPOSED WATERBURY SIDING

TITLE
SITE DIAGRAM
USGS TOPOGRAPHIC MAP

CONSULTANT	YYYY-MM-DD	2014-28-02
	PREPARED	KPL
	DESIGN	BJH
	REVIEW	
	APPROVED	



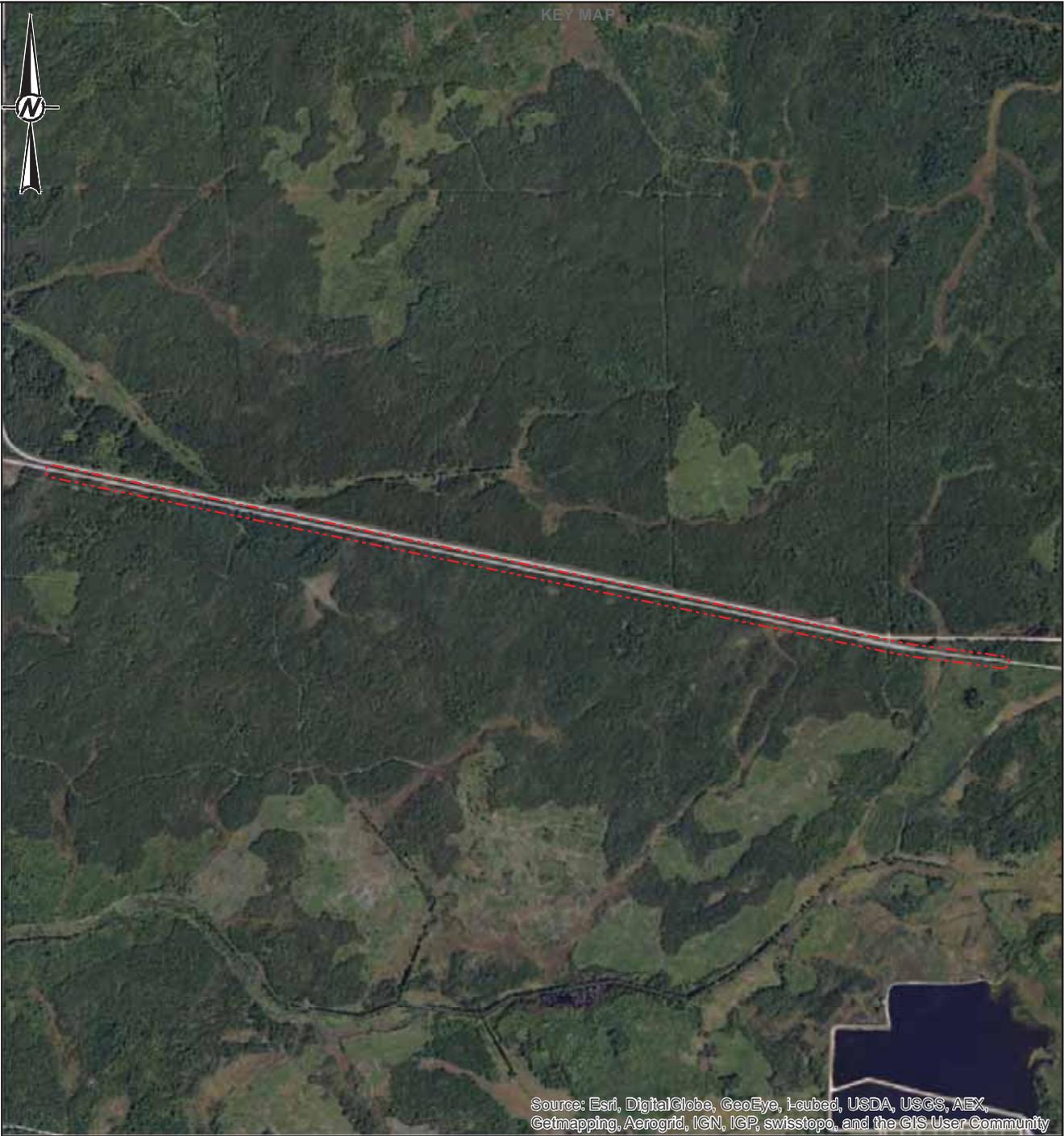
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PROJECT No. 13388124	CONTROL	Rev. 00	FIGURE 1
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET HAS BEEN MODIFIED FROM ANSIA

KEY MAP



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

 Approximate Site Limit

1,250 625 0 1,250 Feet



CLIENT
WISCONSIN CENTRAL, LTD.

PROJECT
PROPOSED WATERBURY SIDING

TITLE
**SITE DIAGRAM
AERIAL PHOTO**

CONSULTANT



YYYY-MM-DD 2014-28-02

PREPARED KPL

DESIGN BJH

REVIEW

APPROVED

DRAFT

PROJECT No.
13388124

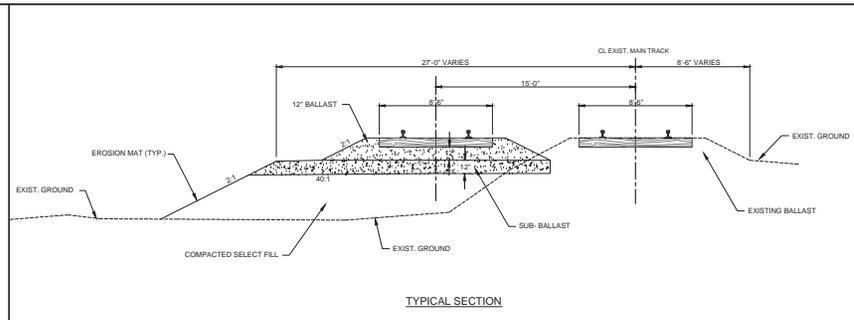
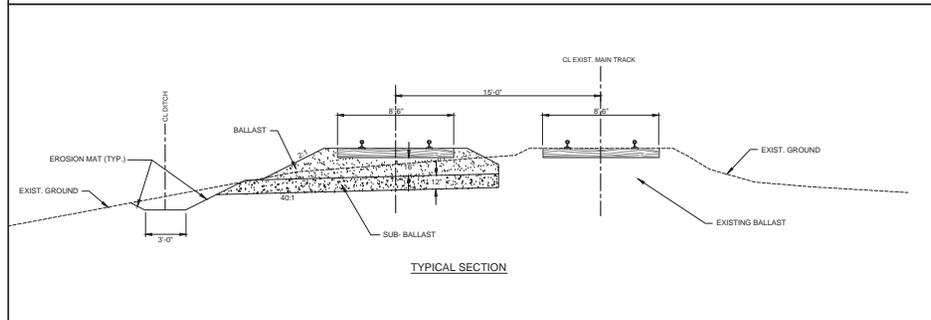
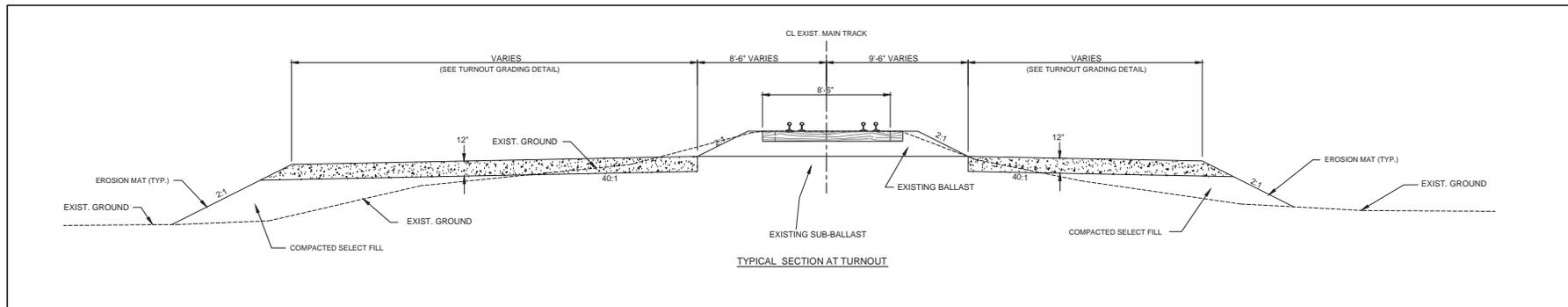
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FIGURE
3

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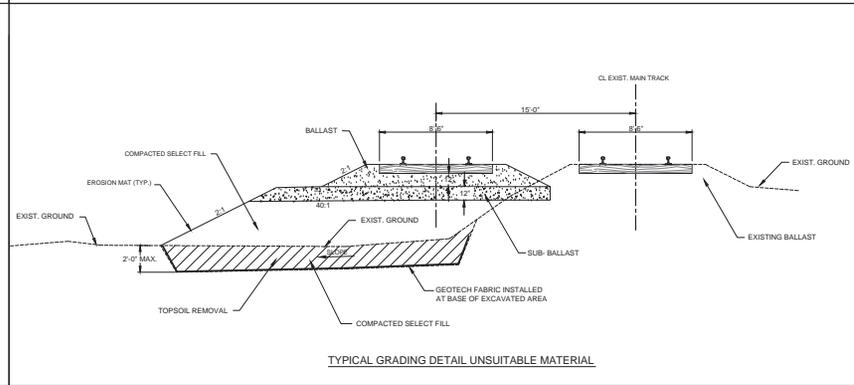
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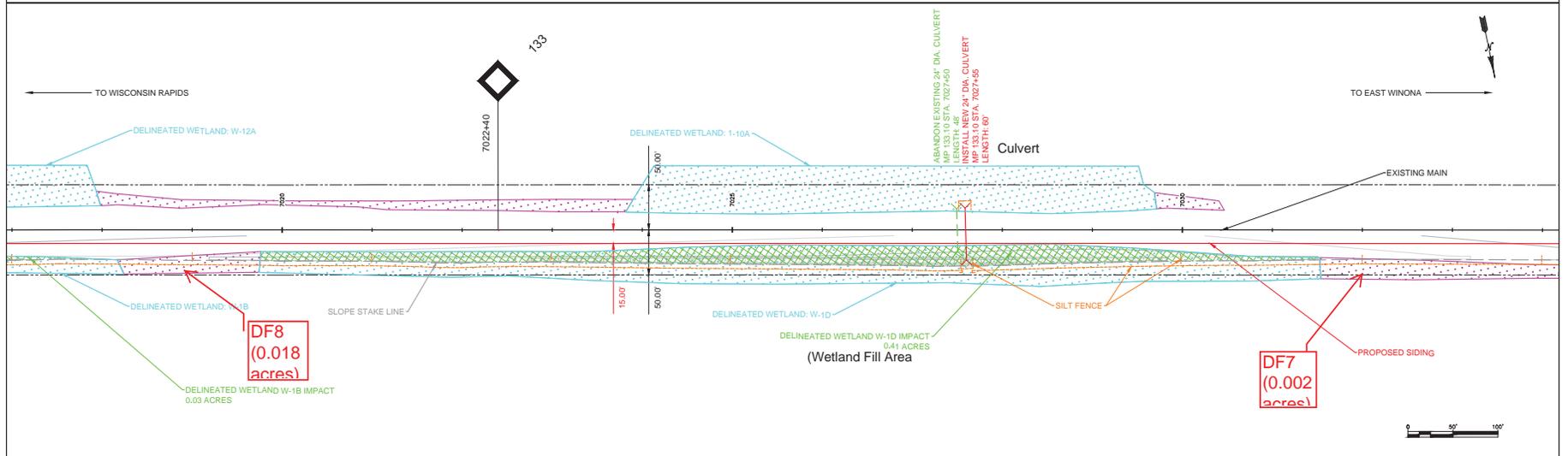
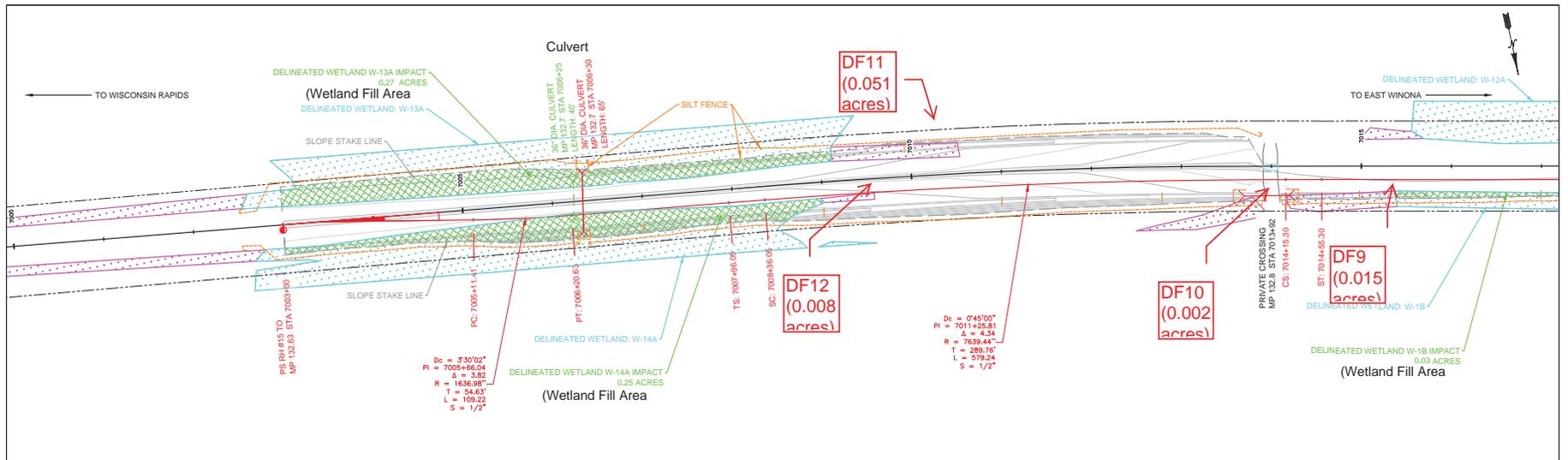
SUMMARY OF QUANTITIES

EARTH / SITE WORK BY CONTRACTOR			
NO.	DESCRIPTION	UNIT	QUANTITY
1	MOBILIZATION/DEMOLITION	L.S.	1
2	CLEARING AND GRUBBING	AC.	7.18
3	EXCAVATION	C.Y.	15986
4	SPRUE FILL	C.Y.	1192
5	SUB-BALLAST	C.Y.	10894
6	SILT FENCE	L.F.	10668
7	TEMPORARY DITCH CHECKS	EA.	52
8	SKIDMENT BARRIERS	EA.	5
9	JACK AND BORE 24" STEEL CULVERT	L.F.	10
10	JACK AND BORE 24" STEEL CULVERT	L.F.	125
11	JACK AND BORE 36" STEEL CULVERT	L.F.	15
12	JACK AND BORE 48" STEEL CULVERT	L.F.	10

TRACK WORK BY CONTRACTOR			
NO.	DESCRIPTION	UNIT	QUANTITY
1	MOBILIZATION/DEMOLITION	L.S.	1
2	TRACK CONSTRUCTION	T.F.	11824
3	TRACK REMOVAL	T.F.	1066
4	INSTALL NO. 15 LH TURNOUT	EA.	1
5	INSTALL NO. 15 LH TURNOUT	EA.	1
6	REMOVE NO. 10 LH TURNOUT	EA.	1
7	INSTALL TIMBER CROSSING	L.F.	16



REVISIONS DATE BY	 SOUTHERN REGION	WISCONSIN CENTRAL LTD. NORTH DIVISION WHITEHALL SUB WATERBURY, WI
		APPROVALS
WATERBURY SIDING EXTENSION TYPICAL SECTIONS/DETAILS AND SUMMARY OF QUANTITIES		
OFFICE OF DESIGN & CONSTRUCTION		
SHEET 2 OF 33	DRAWN BY: NES CHECKED BY:	SCALE: NPS DATE: 12 NOV 13 FILE:



LEGEND:	
EXISTING MAIN TRACK	
PROPOSED SIDING/SPUR TRACK	
REMOVED TRACK	
RIGHT OF WAY	
TURNOUTS HAND THROWN/POWER	

LEGEND (CONT.):	
REGULATED WETLAND	
REGULATED WETLAND IMPACT	
NON-REGULATED WETLAND	
ABANDON EXISTING CULVERT	
INSTALL NEW CULVERT	
SLOPE STAKE LINE	
INSTALL SILT FENCE	

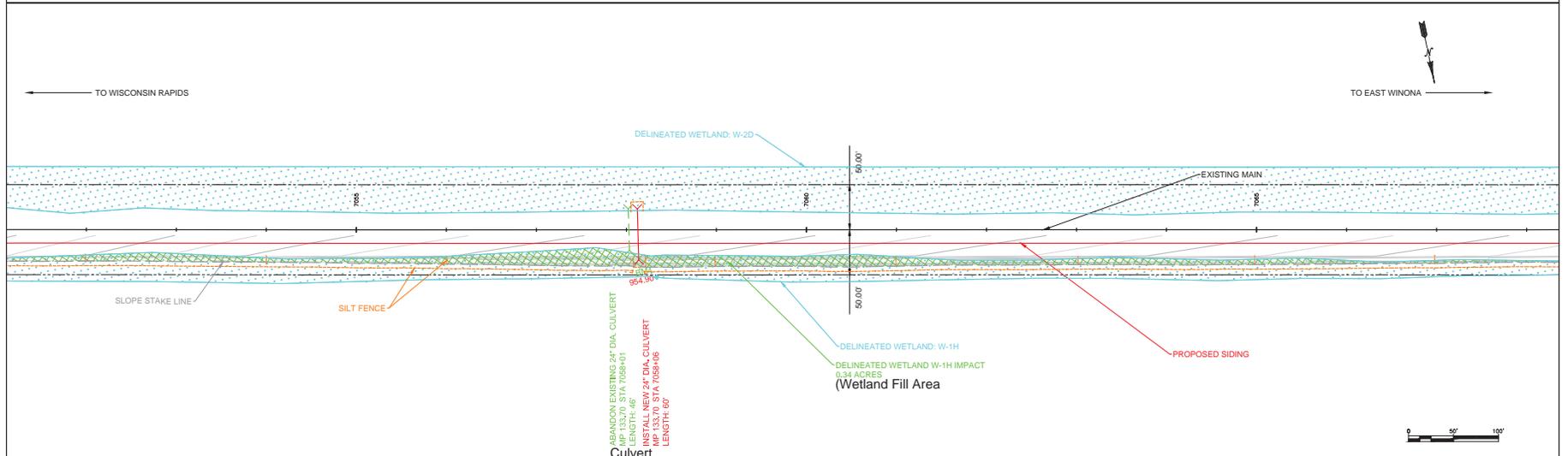
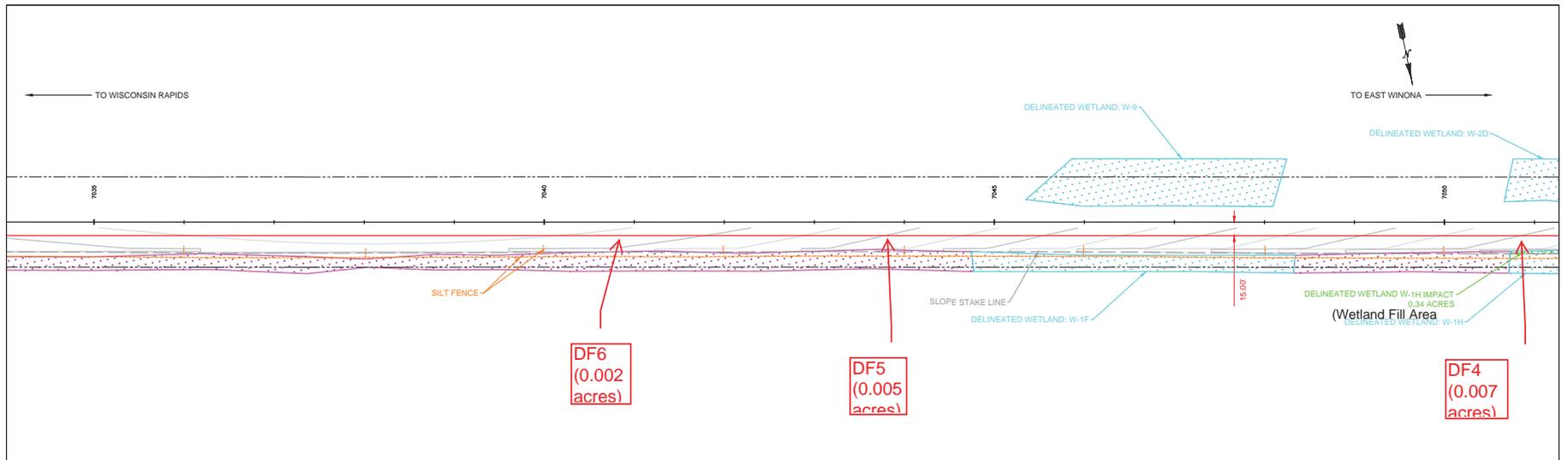
LEGEND (CONT.):	
REGULATED WETLAND	
REGULATED WETLAND IMPACT	
NON-REGULATED WETLAND	
ABANDON EXISTING CULVERT	
INSTALL NEW CULVERT	
SLOPE STAKE LINE	
INSTALL SILT FENCE	

NOTES:

- TOTAL REGULATED WETLAND IMPACT: 1.38 ACRES
- ALL ABANDONED CULVERTS TO BE FILLED WITH FLOWABLE FILL
- ALL NEW CULVERTS WITH JACK AND BORE PITS HAVE A TEMPORARY WETLAND IMPACT AND NEED TO BE RE-VEGETATED

REVISIONS	
DATE	BY

	WISCONSIN CENTRAL LTD. NORTH DIVISION WHITEHALL SUB WATERBURY, WI
	WATERBURY SIDING SWPP PLAN
OFFICE OF DESIGN & CONSTRUCTION	
SHEET 30 OF 33	DRAWN BY: NES SCALE: AS SHOWN DWG NO: CHECKED BY: DATE: 12 NOV 13 FILE:



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DATE	BY
APPROVALS	
SHEET	DRAWN BY: NES
31 OF 33	CHECKED BY: DATE: 12 NOV 13

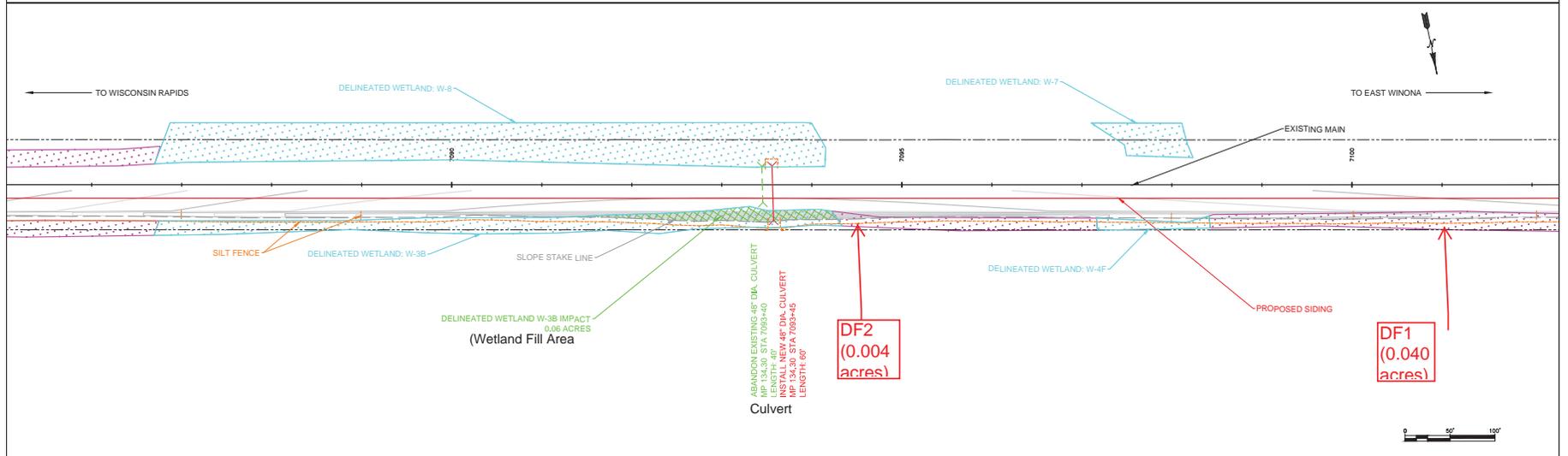
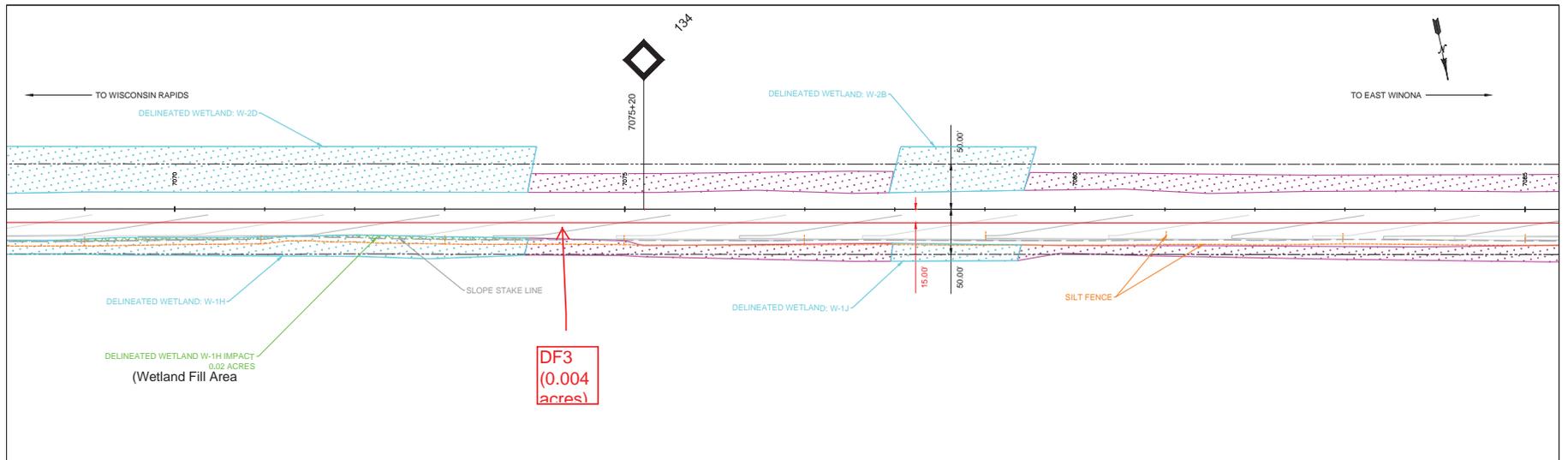
LEGEND:	
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	NORTH DIVISION	
WHITEHALL SUB		
WATERBURY, WI		
WATERBURY SIDING SWPP PLAN		
OFFICE OF DESIGN & CONSTRUCTION		
SHEET 31 OF 33		
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CHECKED BY: DATE: 12 NOV 13 FILE:		



LEGEND:	
EXISTING MAIN TRACK	
PROPOSED SIDING/SPUR TRACK	
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REVISIONS	
DATE	BY
APPROVALS	
SHEET 32 OF 33	DRAWN BY: NES
CHECKED BY:	DATE: 12 NOV 13



SOUTHERN REGION

WISCONSIN CENTRAL LTD.
NORTH DIVISION
WHITEHALL SUB
WATERBURY, WI

**WATERBURY SIDING
SWPP PLAN**

OFFICE OF DESIGN & CONSTRUCTION

