

Information for File MVP-2014-02555-RMM

Applicant: Kandiyohi County Public Works Department

Corps Contact: Ryan Malterud

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Phone: (651) 290-5286

Primary County: Kandiyohi

Section: 35

Township: 120 North

Range: 36 West

Information Complete On: July 14, 2014

Posting Expires On: August 25, 2014

Authorization Type: LOP-005-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. Any approved jurisdictional determination made prior to reaching a permit decision will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

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

Kandiyohi County Public Works Department is proposing to reconstruct and realign approximately 5.3 miles of County State Aid Highway (CSAH) 5 from CSAH 3 to Trunk Highway 23. The project will consist of earthwork requiring cutting, filling, widening, grading, culvert replacement, and aggregate base. Stormwater treatment ponds will also be constructed to meet requirements of the Minnesota Pollution Control Agency. Poor road soils will be replaced with good soils excavated within the project limits.

The existing CSAH 5 road section consists of 12 foot bituminous driving lanes and 3 foot aggregate shoulders. The road slopes are incredibly steep in some area with slopes between 1:2 and 1:3. The proposed typical section will include 12 foot bituminous driving lanes and 8 foot shoulders of which 2 feet will be bituminous. The designed road slopes will be 1:5 and the back slopes will be 1:6.

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

Please see attached figures labeled MVP-2014-02555-RMM Page 13 of 14 through Page 14 of 14 for the aquatic resource impact summary table.

In summary:

Total permanent wetland impacts: 1.93 acres

Total temporary wetland impacts: 0.30 acre

Total linear feet of stream impacts: 195 linear feet

Compensatory Mitigation:

The applicant is proposing to meet compensatory mitigation requirements by securing wetland mitigation bank credits at a ratio of 2:1 from a Corps-approved bank in Bank Service Area 9.

Drawings: MVP-2014-02555-RMM Page 1 of 14 through MVP-2014-02555-RMM Page 14 of 14.

MINNESOTA DEPARTMENT OF TRANSPORTATION

THE COUNTY OF **KANDIYOHI**

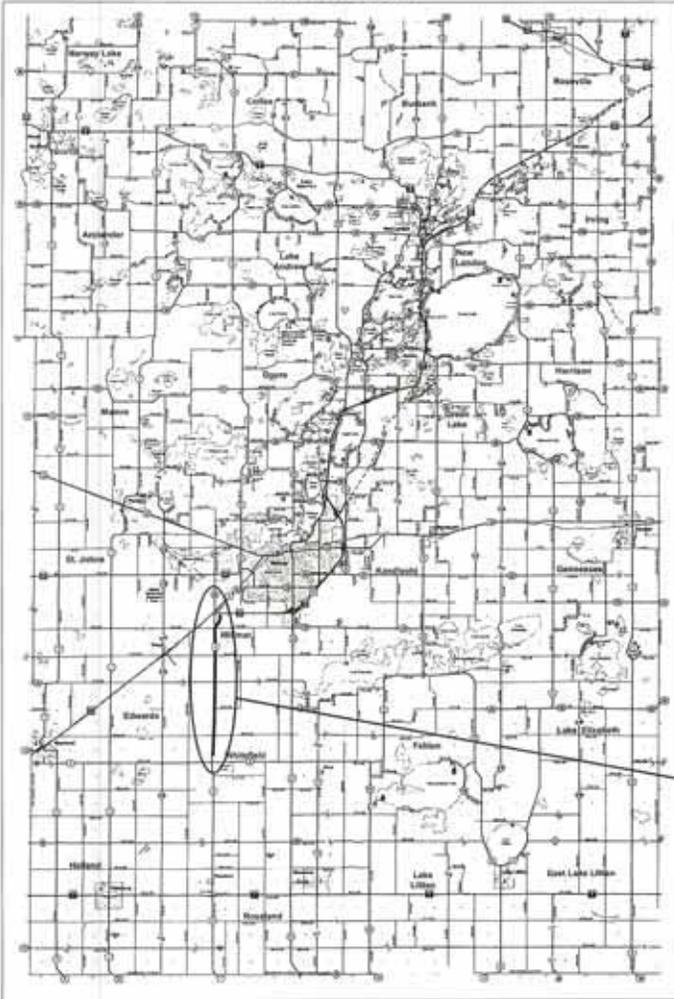
CONSTRUCTION PLAN FOR GRADING AND AGGREGATE BASE

LOCATED ON CSAH 5 FROM 0.13 MILES NORTH OF CSAH 3 TO TH 23 (GEOGRAPHIC DESCRIPTION)

FROM _____ TO _____ (LEGAL DESCRIPTION)

STATE PROJ. NO. SAP 034-605-028
 GROSS LENGTH.....28800 ft.....5.455 miles
 BRIDGES-LENGTH.....ft.....miles
 EXCEPTIONS-LENGTH.....ft.....miles
 NET LENGTH.....28800 ft.....5.455 miles

KANDIYOHI COUNTY



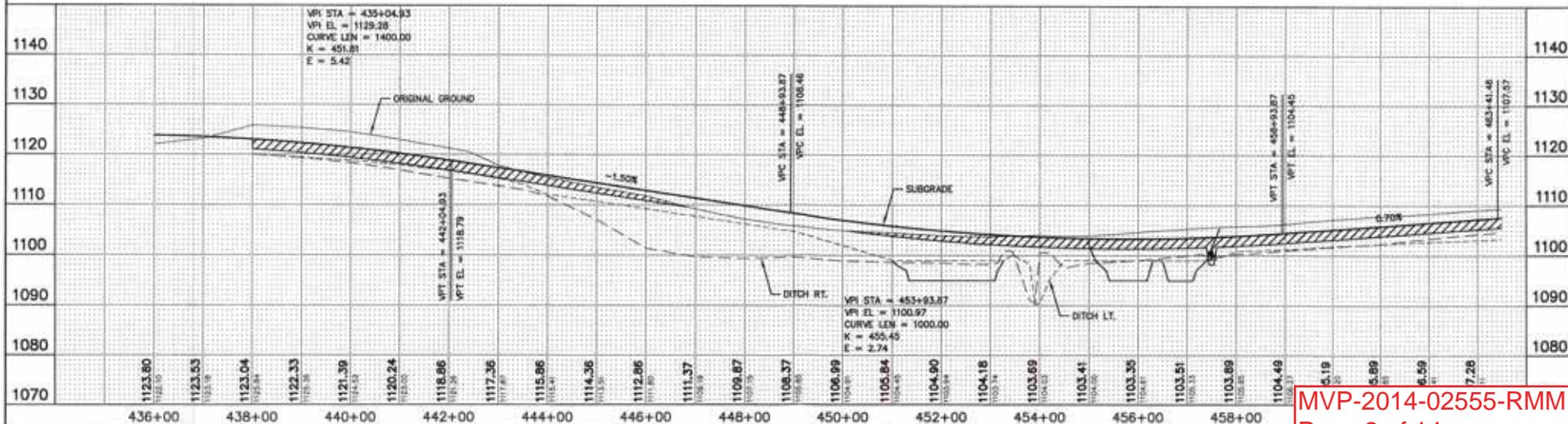
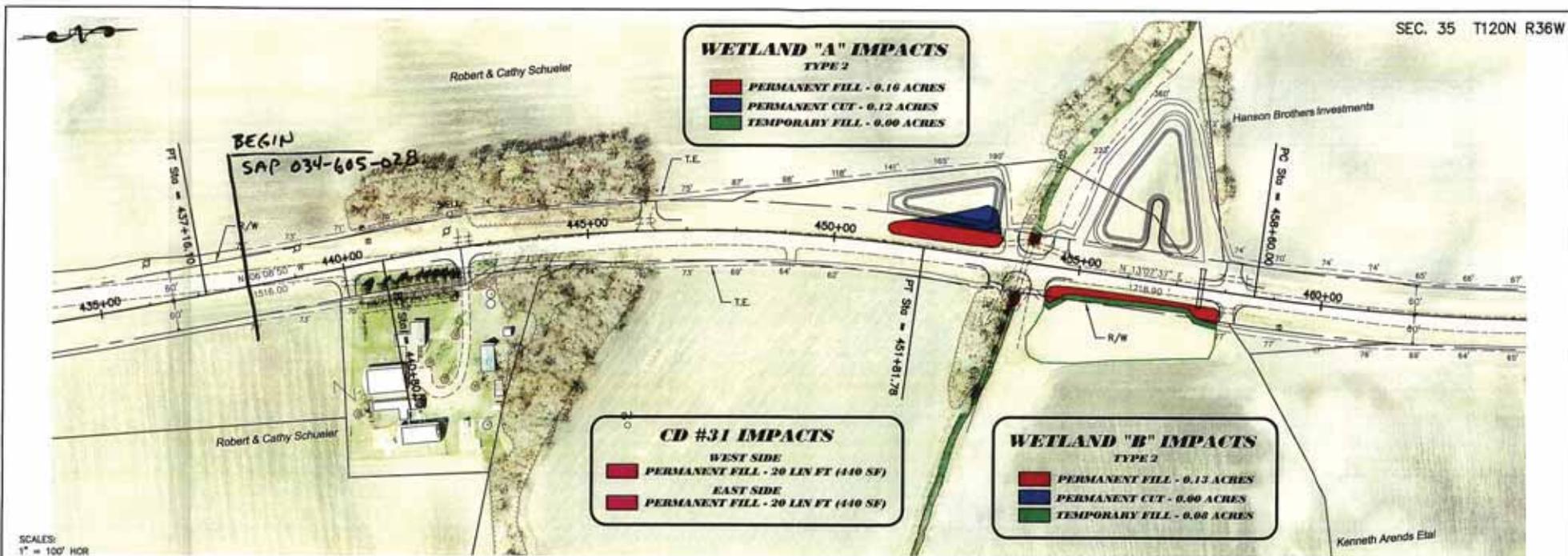
END PROJ SAP 034-605-028
 STA. 726+00

SAP 034-605-028
 Sta. 438+00 to 726+00

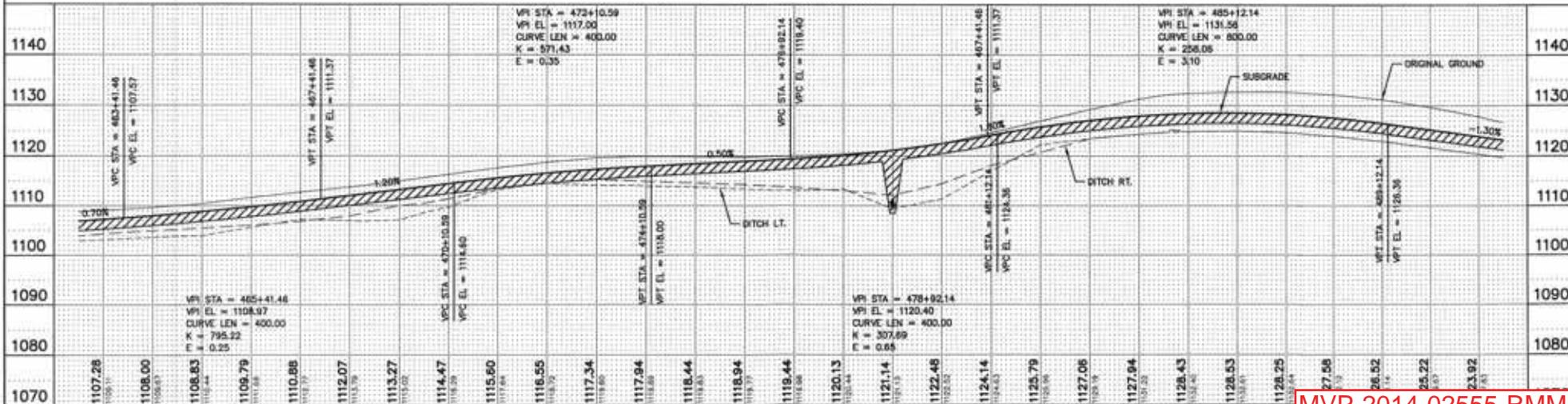
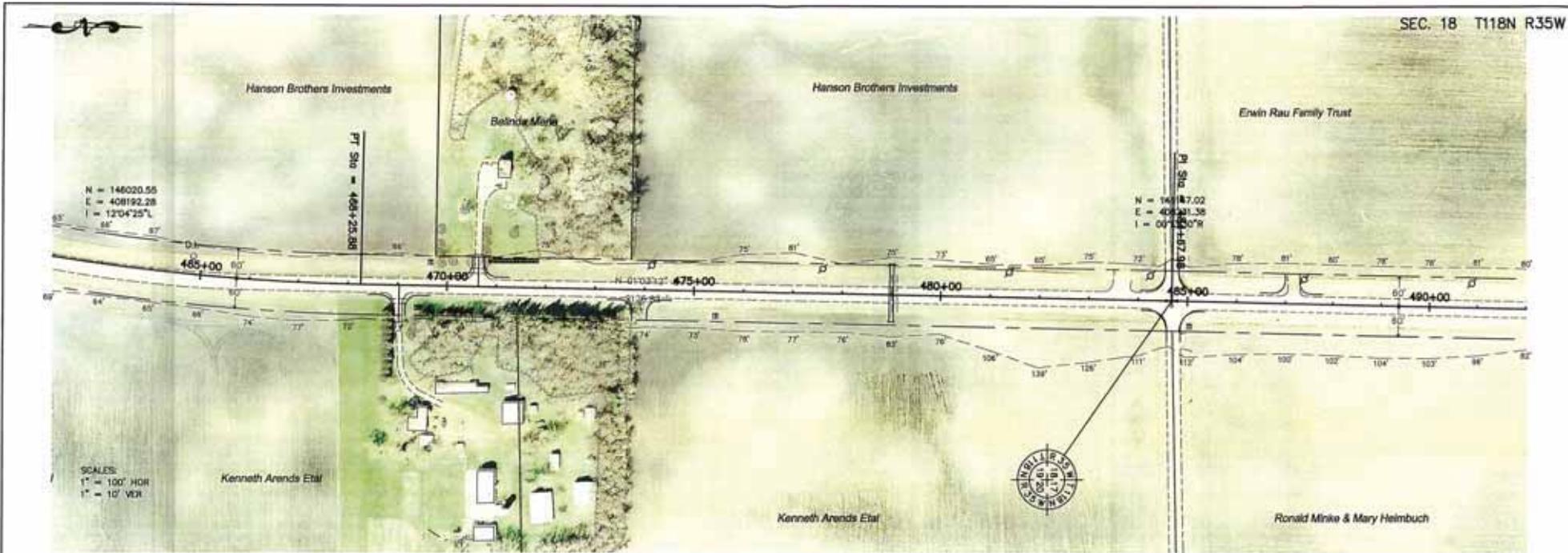


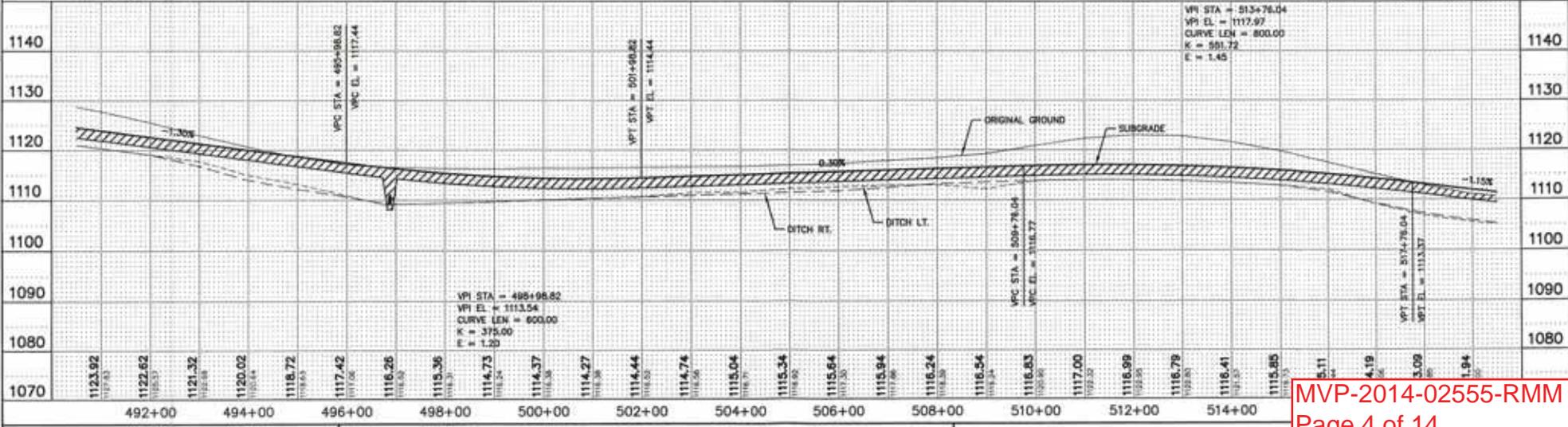
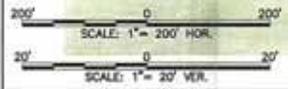
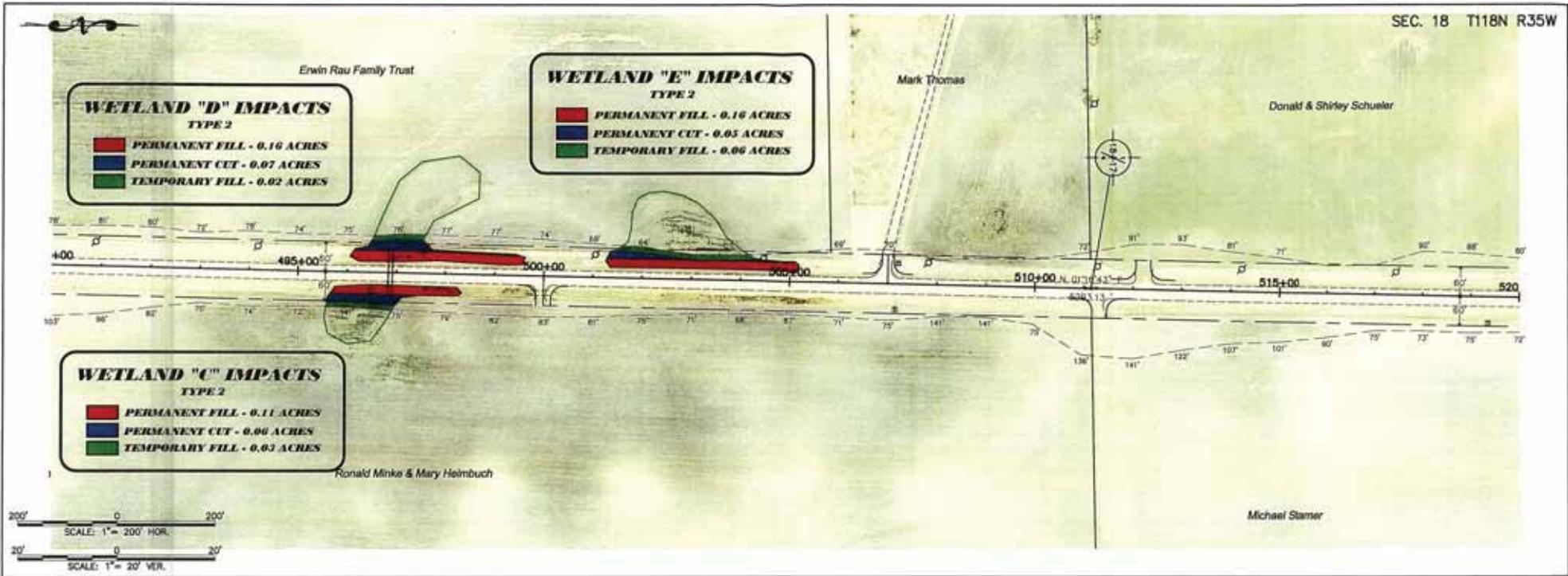
BEGIN PROJ SAP 034-605-028
 STA. 438+00

KANDIYOHI COUNTY, MN. SAP 034-605-028

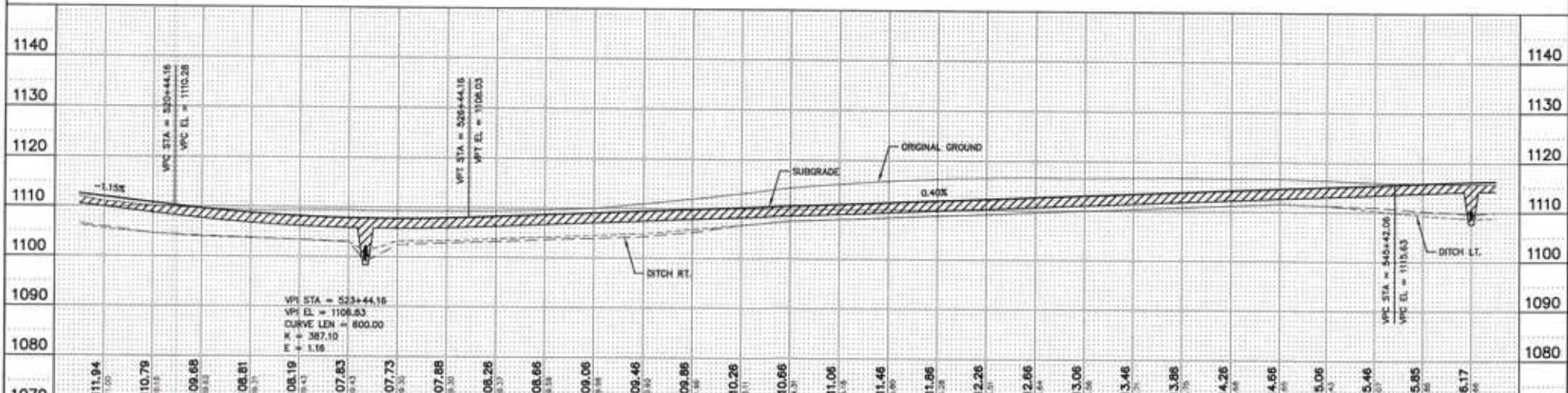
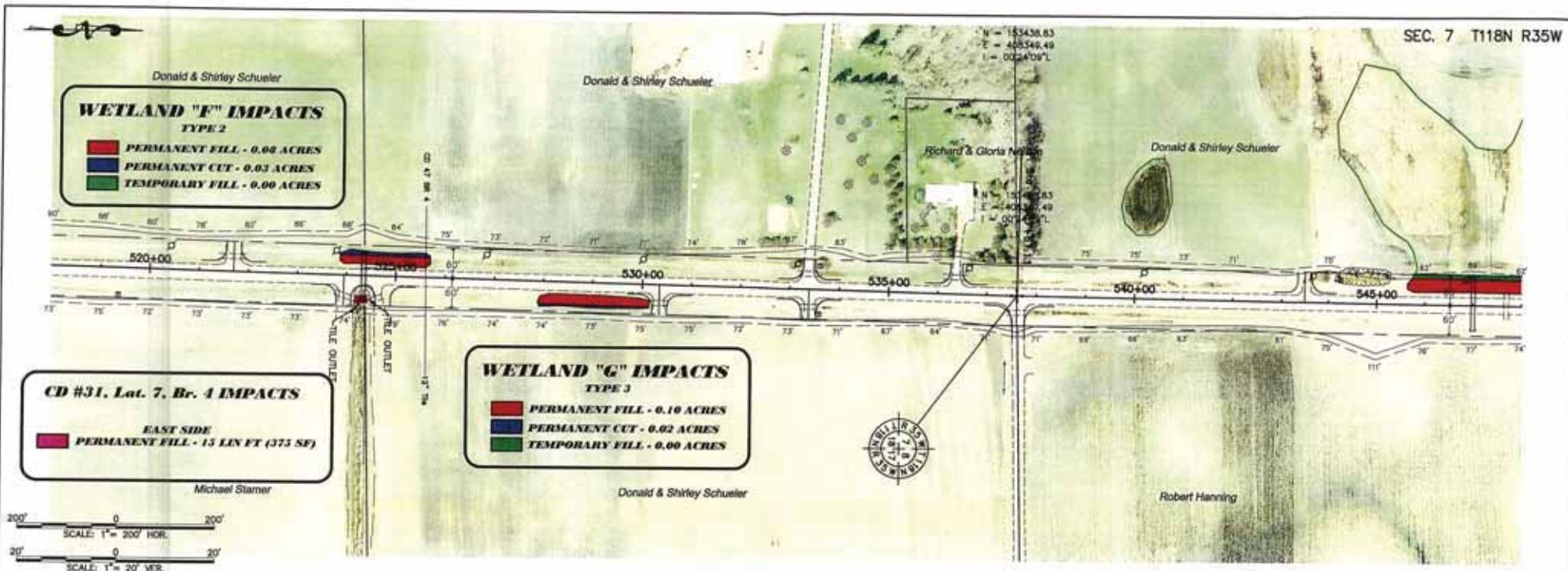


CERTIFIED BY _____ REG. No. 13083 _____ 20 _____ KANDIYOHI COUNTY, MN. SAP 034-605-





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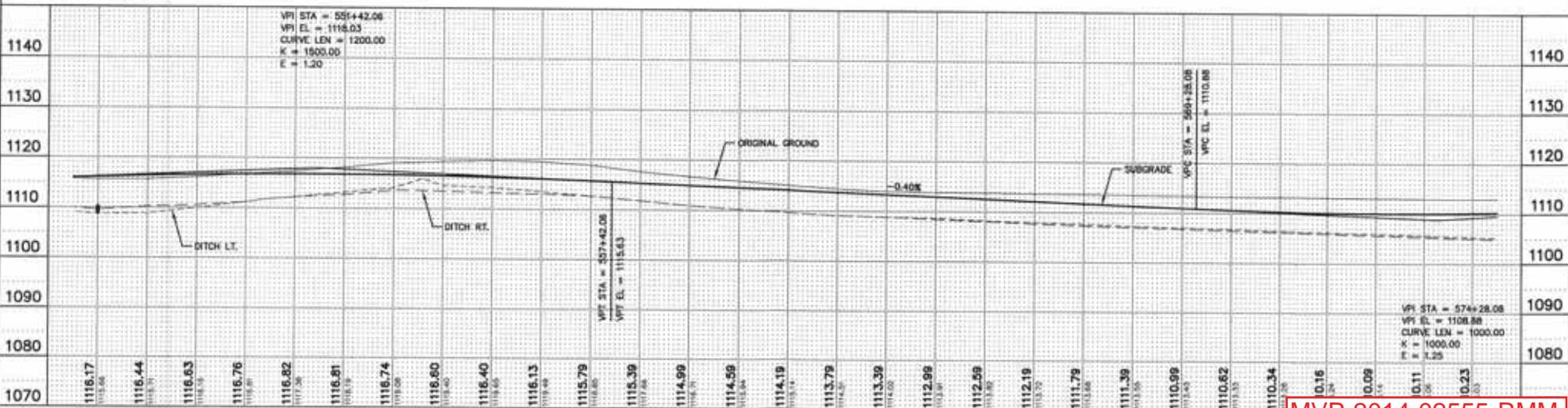
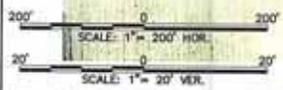


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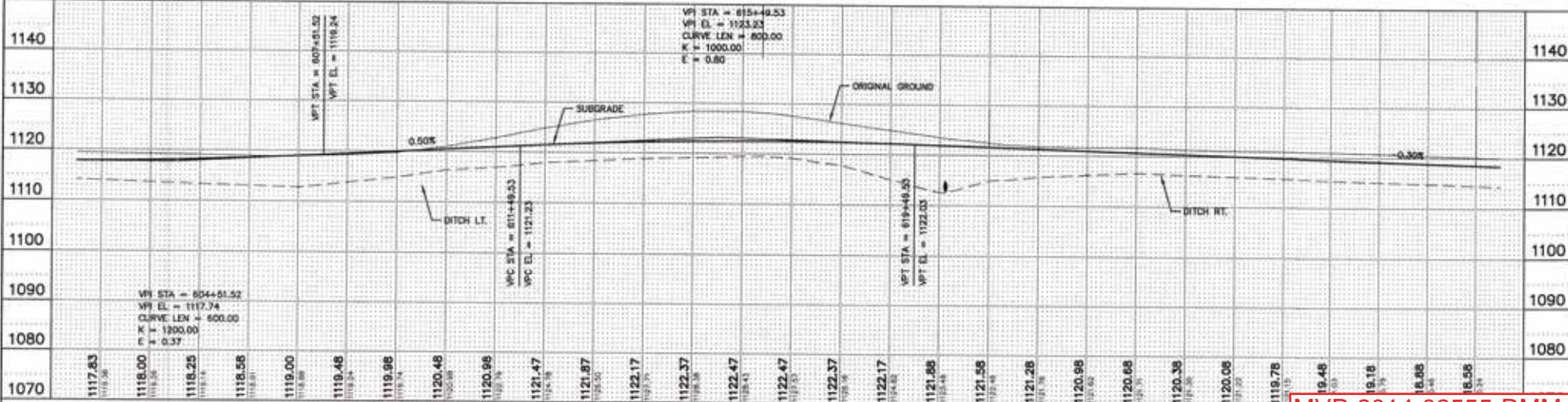
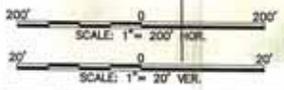
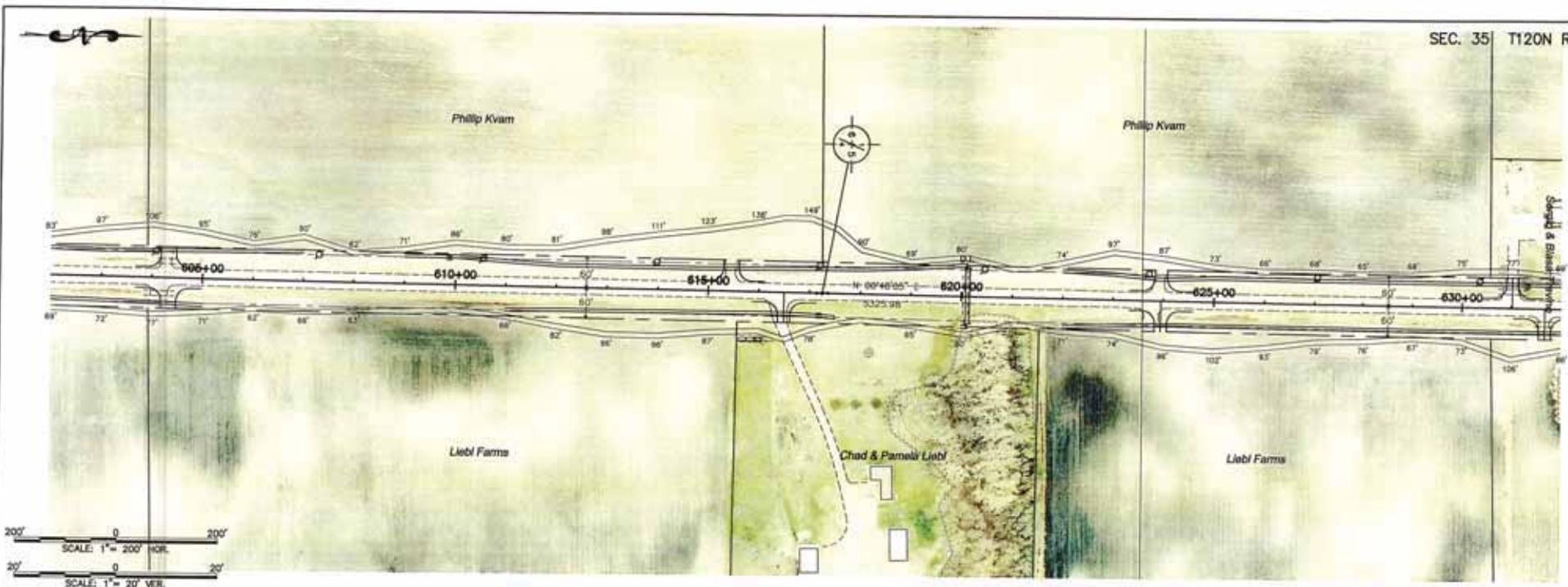
WETLAND "T" IMPACTS
TYPE 3
 PERMANENT FILL - 0.14 ACRES
 PERMANENT CUT - 0.03 ACRES
 TEMPORARY FILL - 0.00 ACRES

WETLAND "H" IMPACTS
TYPE 2
 PERMANENT FILL - 0.21 ACRES
 PERMANENT CUT - 0.00 ACRES
 TEMPORARY FILL - 0.07 ACRES

Robert Hanning

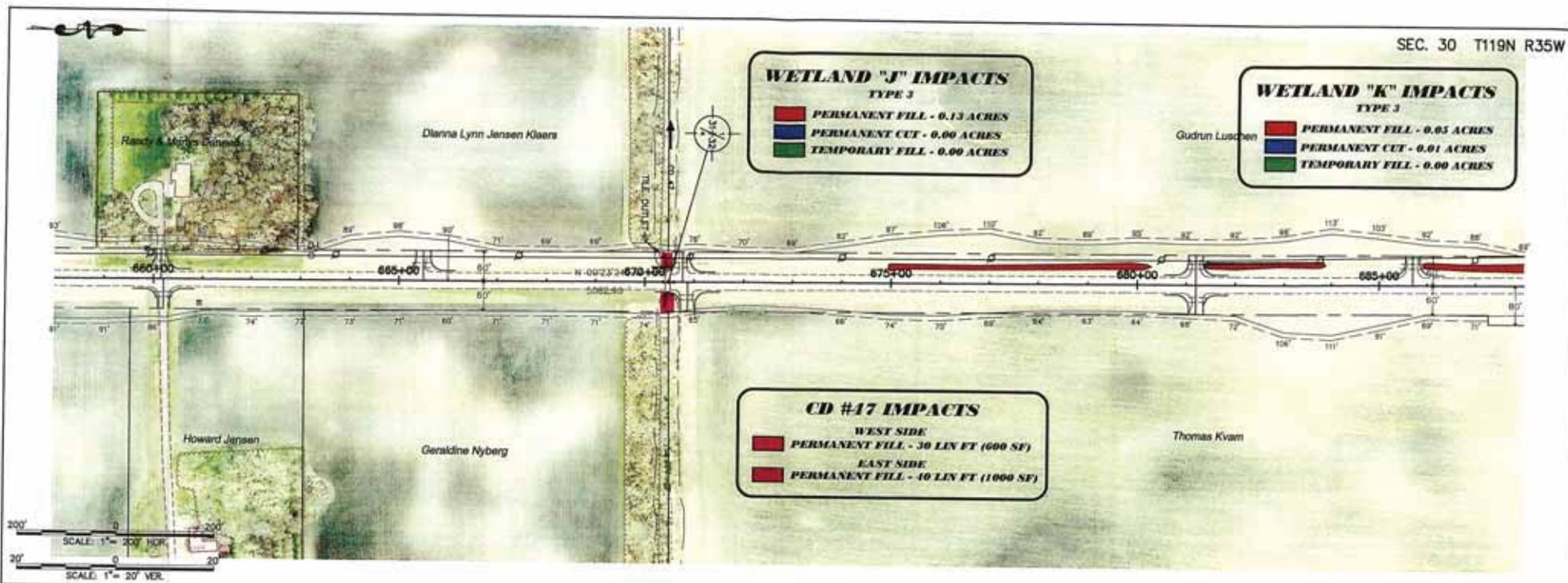


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1117.83	1118.00	1118.25	1118.58	1119.00	1119.48	1119.98	1120.48	1120.98	1121.47	1121.87	1122.17	1122.37	1122.47	1122.47	1122.37	1122.17	1121.88	1121.59	1121.28	1120.98	1120.68	1120.38	1120.08	1119.78	1119.48	1119.18	1118.88	1118.58
604+00	606+00	608+00	610+00	612+00	614+00	616+00	618+00	620+00	622+00	624+00	626+00																	

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WETLAND "J" IMPACTS
TYPE 3

- PERMANENT FILL - 0.13 ACRES
- PERMANENT CUT - 0.00 ACRES
- TEMPORARY FILL - 0.00 ACRES

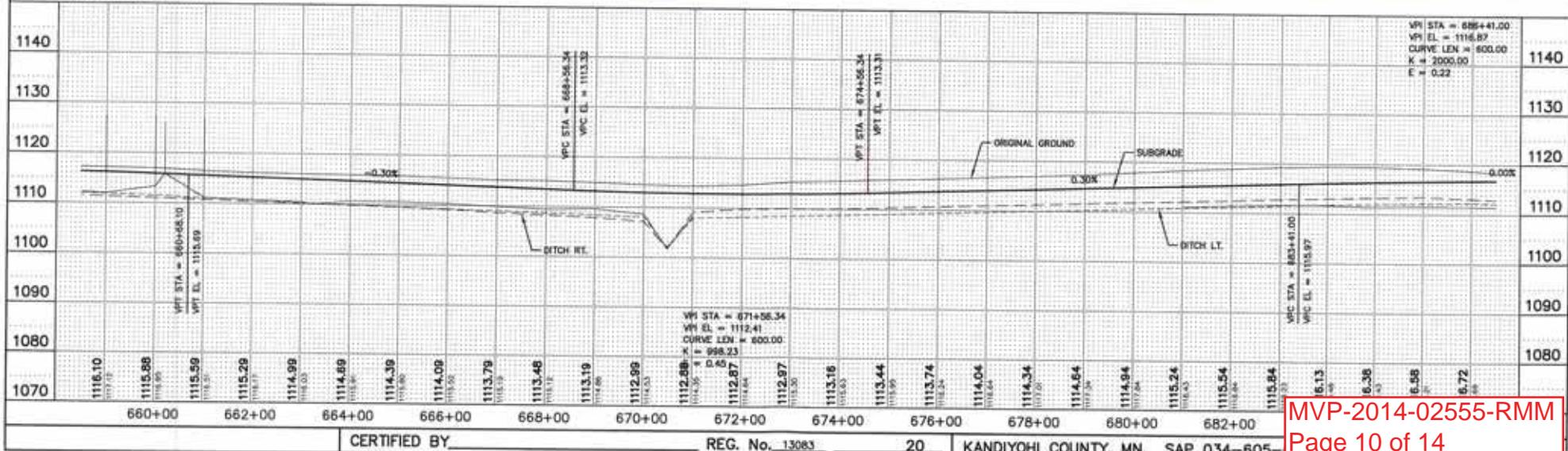
WETLAND "K" IMPACTS
TYPE 3

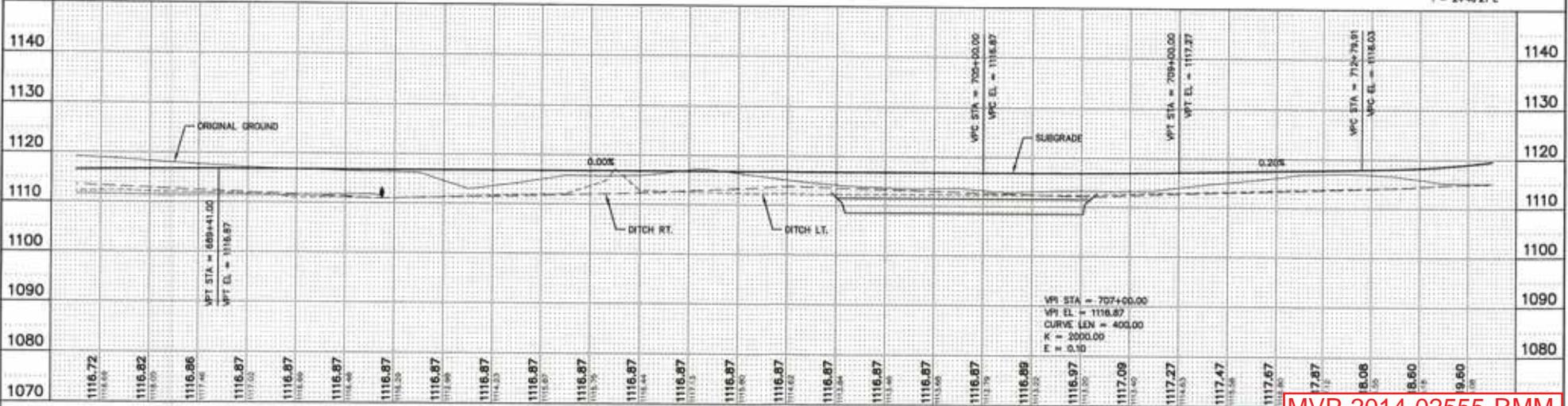
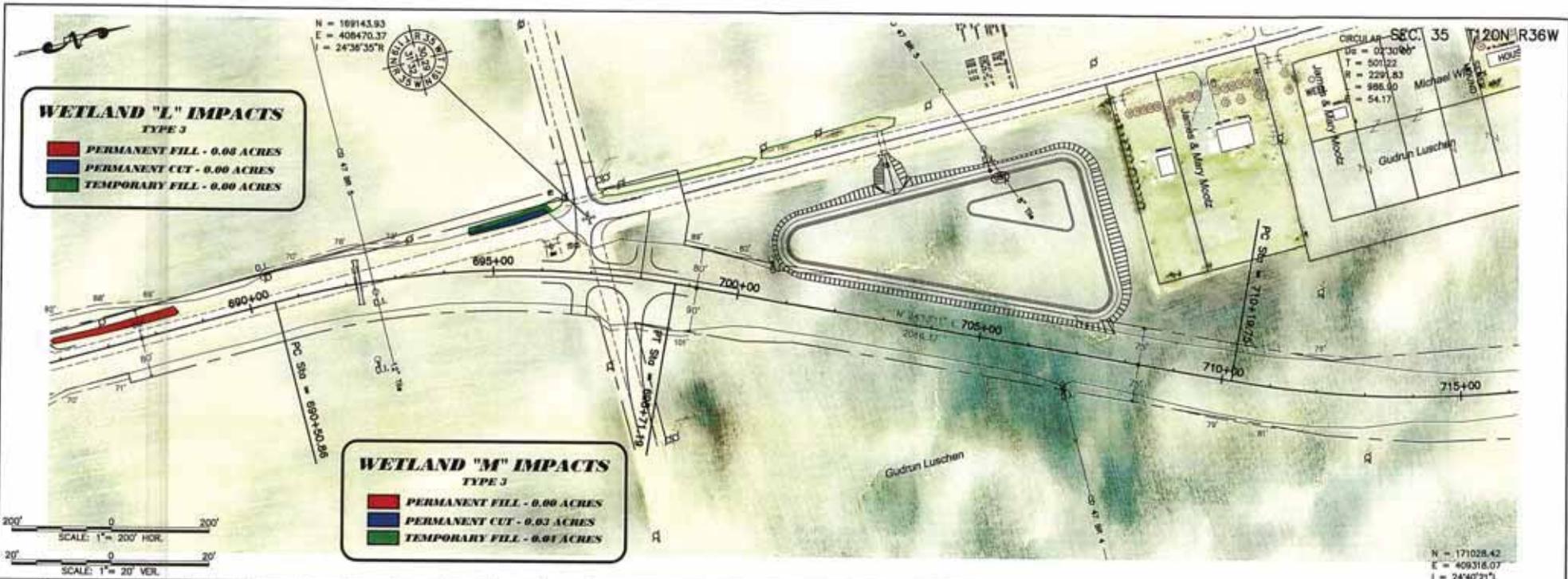
- PERMANENT FILL - 0.05 ACRES
- PERMANENT CUT - 0.01 ACRES
- TEMPORARY FILL - 0.00 ACRES

CD #17 IMPACTS

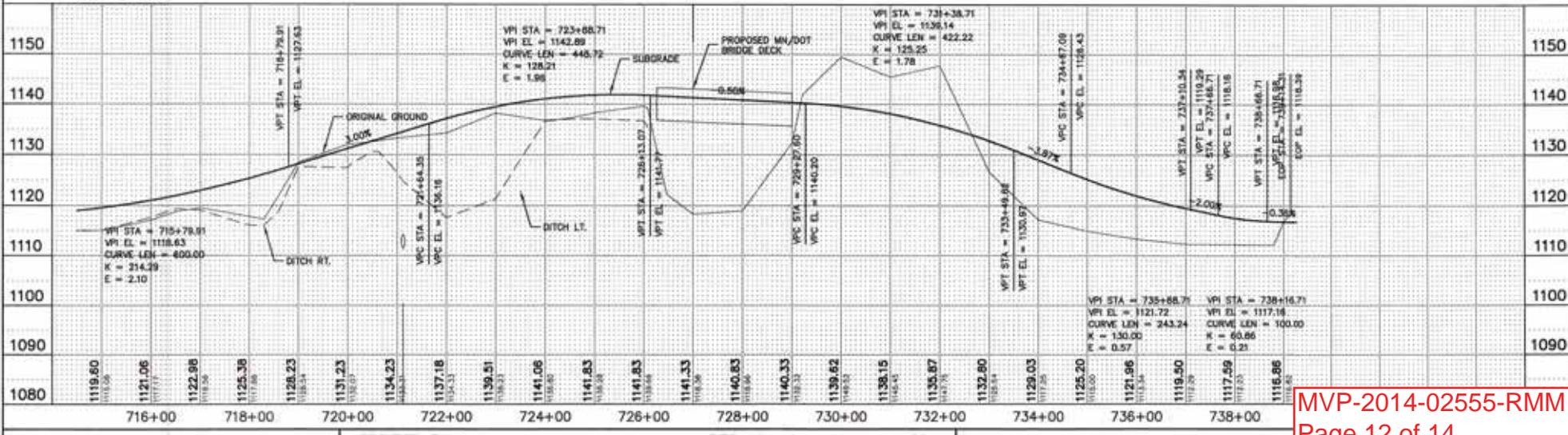
WEST SIDE
PERMANENT FILL - 30 LIN FT (600 SF)

EAST SIDE
PERMANENT FILL - 10 LIN FT (1000 SF)





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PART FOUR: Aquatic Resource Impact¹ Summary

If your proposed project involves a direct or indirect impact to an aquatic resource (wetland, lake, tributary, etc.) identify each impact in the table below. Include all anticipated impacts, including those expected to be temporary. Attach an overhead view map, aerial photo, and/or drawing showing all of the aquatic resources in the project area and the location(s) of the proposed impacts. Label each aquatic resource on the map with a reference number or letter and identify the impacts in the following table.

Aquatic Resource ID (as noted on overhead view)	Aquatic Resource Type (wetland, lake, tributary etc.)	Type of Impact (fill, excavate, drain, or remove vegetation)	Duration of Impact Permanent (P) or Temporary (T) ¹	Size of Impact ²	Overall Size of Aquatic Resource ³	Existing Plant Community Type(s) in Impact Area ⁴	County, Major Watershed #, and Bank Service Area # of Impact Area ⁵
Wetland "A"	Wetland	Fill	P	0.16 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "A"	Wetland	Excavate (Cut)	P	0.12 ac	NA	2 – WM	Kandiyohi-25 BSA 9
CD #31	Tributary	Fill	P	880 sq ft 40 linear ft	NA	NA	Kandiyohi-25 BSA 9
Wetland "B"	Wetland	Fill	P	0.13 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "B"	Wetland	Fill	T (180 days)	0.08 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "C"	Wetland	Fill	P	0.11 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "C"	Wetland	Excavate (Cut)	P	0.06 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "C"	Wetland	Fill	T (180 days)	0.03 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "D"	Wetland	Fill	P	0.16 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "D"	Wetland	Excavate (Cut)	P	0.07 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "D"	Wetland	Fill	T (180 days)	0.02 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "E"	Wetland	Fill	P	0.16 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "E"	Wetland	Excavate (Cut)	P	0.05 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "E"	Wetland	Fill	T (180 days)	0.06 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "F"	Wetland	Fill	P	0.08 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "F"	Wetland	Excavate (Cut)	P	0.03 ac	NA	2 – WM	Kandiyohi-25 BSA 9
CD #31, Lat. 7, Br. 4	Tributary	Fill	P	375 sq ft 15 linear ft	NA	NA	Kandiyohi-25 BSA 9
Wetland "G"	Wetland	Fill	P	0.10 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9
Wetland "G"	Wetland	Excavate (Cut)	P	0.02 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9

Wetland "H"	Wetland	Fill	P	0.21 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "H"	Wetland	Fill	T (180 days)	0.07 ac	NA	2 – WM	Kandiyohi-25 BSA 9
Wetland "I"	Wetland	Fill	P	0.14 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9
Wetland "I"	Wetland	Excavate (Cut)	P	0.03 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9
CD #31, Lat. 10	Tributary	Fill	P	1575 sq ft 70 linear ft	NA	NA	Kandiyohi-25 BSA 9
CD #47	Tributary	Fill	P	1600 sq ft 70 linear ft	NA	NA	Kandiyohi-25 BSA 9
Wetland "J"	Wetland	Fill	P	0.13 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9
Wetland "K"	Wetland	Fill	P	0.05 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9
Wetland "K"	Wetland	Excavate (Cut)	P	0.01 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9
Wetland "L"	Wetland	Fill	P	0.08 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9
Wetland "M"	Wetland	Excavate (Cut)	P	0.03 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9
Wetland "M"	Wetland	Fill	T (180 days)	0.04 ac	NA	3 – ShMa	Kandiyohi-25 BSA 9

¹If impacts are temporary; enter the duration of the impacts in days next to the "T". For example, a project with a temporary access fill that would be removed after 220 days would be entered "T (220)".

²Impacts less than 0.01 acre should be reported in square feet. Impacts 0.01 acre or greater should be reported as acres and rounded to the nearest 0.01 acre. Tributary impacts must be reported in linear feet of impact and an area of impact by indicating first the linear feet of impact along the flowline of the stream followed by the area impact in parentheses). For example, a project that impacts 50 feet of a stream that is 6 feet wide would be reported as 50 ft (300 square feet).

³This is generally only applicable if you are applying for a de minimis exemption under MN Rules 8420.0420 Subp. 8, otherwise enter "N/A".

⁴Use *Wetland Plants and Plant Community Types of Minnesota and Wisconsin* 3rd Ed. as modified in MN Rules 8420.0405 Subp. 2.

⁵Refer to Major Watershed and Bank Service Area maps in MN Rules 8420.0522 Subp. 7.

If any of the above identified impacts have already occurred, identify which impacts they are and the circumstances associated with each:

PART FIVE: Applicant Signature

Check here if you are requesting a pre-application consultation with the Corps and LGU based on the information you have provided. Regulatory entities will not initiate a formal application review if this box is checked.

By signature below, I attest that the information in this application is complete and accurate. I further attest that I possess the authority to undertake the work described herein.

Signature:  Date: 08-06-14

I hereby authorize _____ to act on my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this application.