

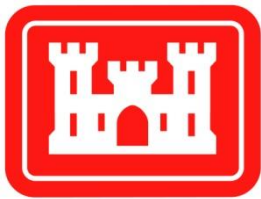
Appendix E

Cultural Resources

Fargo-Moorhead Metropolitan Area Flood Risk Management

Final Feasibility Report and Environmental Impact Statement

July 2011



**US Army Corps
of Engineers®**

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1.0 APPENDIX E – CULTURAL RESOURCES

1.1 INTRODUCTION

This appendix contains existing data on recorded prehistoric and historic archeological sites and historic standing structures; leads to such sites and structures by informants or in written documents which have not been field verified by a professional archeologist or historian; and previous cultural resources investigations in the project area; and is based on information contained in the files at the Historic Preservation Division, State Historical Society of North Dakota, Bismarck, through May 1997 (Ketz and Schmidt 1997); in various cultural resources investigation reports at the Corps of Engineers' St. Paul District office; in the Southern Red River and Sheyenne River Study Units chapters of the *North Dakota Comprehensive Plan for Historic Preservation: Archeological Component* (SHSND 2008); and in the archeological site, standing structure, and report files at the State Historic Preservation Office, Minnesota Historical Society, St. Paul. In addition, the National Register of Historic Places (National Register) was most recently checked on March 8, 2011. This appendix covers all of the alternatives analyzed in Feasibility Phase 2, Screening #1 (see Section 3.4 of the main report). The various alternatives are depicted in Figures 1, 2 and 3 in this Appendix. The North Dakota Mini-Diversion Alignment extends from the Maple River to the outlet at the Red River along the same alignment as the North Dakota East and West Diversion alternatives.

The North Dakota East Diversion and associated tie-back levee has since been renamed the ND35K Plan. The Minnesota Short Diversion and its associated features has since been redesignated the Federally Comparable Plan (FCP). A modified North Dakota East Diversion has become the Locally Preferred Plan (LPP), with modifications including a shift in the northwest part of the diversion alignment to avoid Ditch 13, an extension of the tie-back levee alignment in Minnesota, and the addition of an upstream storage area (Storage Area #1) and its associated tie-back levee alignment in North Dakota. Archeological and architectural site information from a partially completed Phase I survey of the North Dakota East (ND35K and LPP) and Minnesota Short (FCP) diversion alignments in 2010 have been added to this Appendix from the Draft EIS version, as have sections on the LPP and the FCP.

1.2 KNOWN CULTURAL RESOURCES

1.2.1 Moorhead, Minnesota Levee Alignment

There are two prehistoric archeological sites (21CY48, 21CY68), four historic archeological sites and two site leads (21CY5, 21CY66, 21CY67, 21CY71, 21CYg, 21CYr), and sixteen historic standing structures (CY-MHC-002, CY-MHC-005, CY-MHC-011, CY-MHC-012, CY-MHC-024, CY-MHC-025, CY-MHC-030, CY-MHC-055, CY-MHC-059, CY-MHC-060, CY-MHC-061, CY-MHC-062, CY-MHC-064, CY-MHC-066, CY-MHC-068, CY-OAK-001) within one-sixteenth mile (330 feet/100 meters) of the levee centerline (Table E-1.) The John Bergquist House (1870) at 719

10th Avenue North, the Fairmont Creamery Company at 801 2nd Avenue North, and the Randolph M. Probstfield House on County Road 96 are listed on the National Register of Historic Places. The Kassenborg Block (1898) on Main Avenue, the Red River Bridge on Main Avenue, and the Douglas House (1872) at 111 4th Street South, have been determined eligible for listing on the National Register. Prehistoric archeological sites 21CY48 and 21CY68, three historic archeological sites (21CY71-Harris Homestead, 21CYg-Probstfield Post Office, 21CYr-Red River Trail), and architectural site CY-MHC-064 (Moorhead Country Club (1938) at 11th Street and 18th Avenue North) are crossed by the levee centerline. The Red River Trail (21CYr) is crossed six times by this levee alignment.

1.2.2 Fargo, North Dakota Levee Alignment

There are two prehistoric archeological sites and one prehistoric isolated find (32CSX196, 32CS4442, 32CS4443), four historic archeological sites and one site lead (32CSX30, 32CS142, 32CS4671, 32CS4673, 32CS5087), three historic standing structures (32CS4474, 32CS5083, and the Dibley House), and one historic district within one-sixteenth mile (330 feet/100 meters) of the levee centerline (Table E-2). The Dibley House at 331 8th Avenue South and the North Side Builder's Residential Historic District are listed on the National Register. This historic district is located between the Ben Franklin School area on the west and the El Zagal Golf Course on the east, and extends south to 12th Avenue North between 4th Street North and 1st Street North. The alignment crosses through the historic district near the golf course. Prehistoric archeological sites 32CSX196, 32CS4442, and 32CS4443, and historic archeological site 32CS4673 are also crossed by the levee centerline.

1.2.3 North Dakota West Diversion Alignment

There are four prehistoric archeological sites (32CS42, 32CS43, 32CS44, 32CS201), two historic archeological site leads (32CSX35, 32CSX238b), and four historic standing structures (32CS4461, 32CS4462, 32CS5090, 32CS5091) within one-half mile either side of the diversion centerline (Table E-3). No National Register listed historic properties are present along this alignment. The Sheyenne River Bridge (32CS4462), located where an east-west section line road crosses that river in Warren Township, has been determined eligible to the National Register. None of these ten sites or structures is crossed by the diversion centerline.

1.2.4 North Dakota East Diversion Alignment (part of the ND35K Plan)

There are four prehistoric archeological sites (32CS42, 32CS43, 32CS44, 32CS201), one historic archeological site lead (32CSX238b), and four historic standing structures (32CS4461, 32CS4462, 32CS5090, 32CS5091) within one-half mile either side of the diversion centerline (Table E-4). No National Register listed historic properties are present along this alignment. The Sheyenne River Bridge (32CS4462), located where an east-west section line road crosses that river in Warren Township, has been determined eligible to the National Register. Only prehistoric archeological site 32CS42 is crossed

by the diversion centerline and that site was determined not eligible to the National Register in 1988 in connection with the Horace-West Fargo Flood Control Project.

A partial survey of this alignment in 2010 recorded six historic artifact scatters (FM1-2, FM2-2, FM2-5, FM2-6, FM2-7, FM4-7), one isolated prehistoric projectile point (FM2-8), 11 historic farmsteads (ND-1 to ND-7, ND-10, ND12 to ND-14), 1 historic railroad crossing (ND-8), 1 historic house (ND-9), 1 historic bridge (ND-15), 1 collapsed granary (ND-16), and 1 collapsed house (ND-17). Of these, two farmsteads (ND-5 and ND-14) and one historic artifact scatter (FM2-2) are recommended eligible to the National Register; six farmsteads (ND-3, ND-4, ND-7, ND-10, ND-12 and ND-13) have undetermined eligibility; and the remaining eight structures, five sites and one isolated find are recommended not eligible to the National Register.

1.2.5 North Dakota Mini-Diversion Alignment (Maple River to Red River outlet)

There are two prehistoric archeological sites (32CS43, 32CS201), one historic archeological site lead (32CSX238b), and one historic standing structure (32CS4461) within one-half mile either side of the diversion centerline (Table E-5). No National Register listed historic properties are present along this alignment. None of these three sites and structures is crossed by the diversion centerline.

1.2.6 North Dakota East and West Diversions Tie-Back Levee Alignment (part of the ND35K Plan)

There is one historic archeological site lead (21CYr) within one-sixteenth mile (330 feet/100 meters) of the tie-back levee centerline (Table E-6). No National Register listed historic properties are present along this alignment. The Red River Trail (21CYr) is crossed once by this levee alignment.

A partial survey of this alignment in 2010 recorded three isolated historic artifacts (FM3-3, FM3-4, FM3-6), one historic artifact scatter (FM3-2), and one railroad track segment (FM3-5). The railroad track segment (FM3-5) is recommended as eligible to the National Register, while the remaining historic site and three isolated finds are recommended as not eligible.

1.2.7 Minnesota Long Diversion Alignment

There are three prehistoric archeological sites (21CY3, 21CY19, 21CY55), three historic archeological site leads (21CYk, 21CYl, 21CYr), and five historic standing structures (CY-DWC-003, CY-HCR-002, CY-KRG-001, CY-KRG-004, CY-KRG-005) within one-half mile either side of the diversion centerline (Table E-7). The John Olness House (CY-KRG-001) on U.S. Highway 75 at Kragnes is listed on the National Register. The historic ghost towns of Ruthruff (21CYk) and Lafayette (21CYl[el]), and the Red River Trail (21CYr) are crossed by the diversion centerline; the latter oxcart trail is crossed three times.

1.2.8 Minnesota Long Diversion Tie-Back Levee Alignment

There is one historic archeological site (32CS5079) within one-sixteenth mile (330 feet/100 meters) of the tie-back levee centerline (Table E-8). No National Register listed historic properties are present along this alignment. No recorded sites or structures are crossed by the levee centerline.

1.2.9 Minnesota Short Diversion Alignment (part of the FCP)

There are three prehistoric archeological sites (21CY3, 21CY19, 21CY55), four historic archeological site leads (21CYk, 21CYl, 21CYo, 21CYr), and four historic standing structures (CY-DWC-003, CY-KRG-001, CY-KRG-004, CY-KRG-005) within one-half mile either side of the diversion centerline (Table E-9). The John Olness House (CY-KRG-001) on U.S. Highway 75 at Kragnes is listed on the National Register. The historic ghost towns of Ruthruff (21CYk) and Lafayette (21CYl[el]), and the Red River Trail (21CYr) are crossed by the diversion centerline; the latter oxcart trail is crossed three times.

A partial survey of this alignment in 2010 recorded four historic artifact scatters (FM1-1, FM2-1, FM2-9, FM2-11), a former school site (FM2-4), two isolated prehistoric stone flakes (FM2-3, FM2-12), one isolated prehistoric projectile point (FM4-6), 11 historic farmsteads (MN-1 to MN-6, MN-13 to MN-17), five historic houses (MN-7, MN-9 to MN-12), and one historic railroad (MN-8). Of these, one historic farmstead (MN-14) and the former school site (FM2-4) are recommended as eligible to the National Register; one farmstead (MN-6) and the railroad (MN-8) have undetermined eligibility; and the remaining four sites, 14 structures, and three isolated finds are recommended as not eligible to the National Register.

1.2.10 Minnesota Short Diversion Red River Breakout Channel Alignment (part of the FCP)

There are two historic archeological site leads (21CYo, 21CYr) within one-quarter mile either side of the breakout channel centerline (Table E-10). No National Register listed historic properties are present along this alignment. The historic ghost town of Burlington (21CYo) is crossed by the breakout channel centerline. The breakout channel centerline follows the Red River Trail (21CYr) for roughly one mile and crosses it farther south as well.

A partial survey of this alignment in 2010 recorded one historic artifact scatter (FM4-4) and two historic farmsteads (MN-18, MN-19). One farmstead (MN-19) is recommended as eligible to the National Register and the other farmstead and the historic artifact scatter are recommended as not eligible to the National Register.

1.2.11 Minnesota Short Diversion Tie-Back Levee Alignment (part of the FCP)

There is one historic archeological site lead (32CSX1) within one-sixteenth mile (330 feet/100 meters) of the tie-back levee centerline (Table E-11). No National Register listed historic properties are present along this alignment. The Holy Cross Mission site (32CSX1) is crossed by the tie-back levee centerline.

A partial survey of this alignment in 2010 recorded prehistoric campsite and historic artifact scatter site (FM4-3) at the control structure location and tie-back levee alignment on the east side of the Red River. This site is recommended as eligible to the National Register. The Meridian Highway site (32CS2657) and one historic farmstead (ND-11) are crossed by the tieback levee alignment in North Dakota. Both the highway site and the farmstead are recommended as not eligible to the National Register.

1.2.12 Minnesota Short Diversion Wild Rice River Breakout Channel Alignment (part of the FCP)

There are no recorded architectural sites for this alignment (Table E-12). No National Register listed or eligible properties are present along this alignment.

A partial survey of this alignment in 2010 recorded one historic artifact scatter (FM-A) at this location. This historic archeological site is recommended as eligible to the National Register.

1.2.13 FCP

The FCP is the same as the Minnesota Short Diversion Alignment with Red River Breakout Channel, Tie-Back Levee, and Wild Rice River Breakout Channel alignments (refer to paragraphs 1.2.9 through 1.2.12 above and tables E-9 through E-12 below).

1.2.14 ND35K Plan

The ND35K Plan is the same as the North Dakota East Diversion Alignment and its associated tie-back levee alignment (refer to paragraphs 1.2.4 and 1.2.6 above and Tables E-4 and E-6 below).

1.2.15 LPP (Modified North Dakota East Diversion with Storage Area and Two Tie-Back Levee Alignments)

There are five prehistoric archeological sites (32CS42, 32CS43, 32CS44, 32CS201, 32CS4563), one prehistoric isolated find (FM2-8), nine historic archeological sites (32CS5078, FM1-2, FM2-2, FM2-5, FM2-6, FM2-7, FM3-2, FM4-1, FM4-7), three historic isolated finds (FM3-3, FM3-4, FM3-6), four historic archeological site leads (32CSX33, 32CSX131, 32CSX238b, 21CYr), one church (32CS114), two bridges (32CS4462, ND-15), 13 historic farmsteads (ND-1 to ND-7, ND-10 to ND-14), two railroad segments (FM3-5, ND-8), one historic house (ND-9), one collapsed granary

(ND-16), and one collapsed house (ND-17) within one-half mile either side of the diversion centerline or within 100 meters/330 feet of either side of the tie-back levee centerlines or in Storage Area #1 or within 100 meters/330 feet of its exterior boundary (Table E-13).

No National Register of Historic Places listed historic properties are present in this alternative. Bridge site 32CS4462 has been determined eligible to the National Register and historic archeological site FM2-2 and architectural sites FM3-5, ND-5 and ND-14 are recommended eligible to the National Register. Prehistoric archeological sites 32CS43, 32CS201 and 32CS4563, church site 32CS114, farmsteads ND-3, ND-4, ND-7, ND-10, ND-12 and ND-13, and historic site leads 32CSX33, 32CSX131, 32CSX238b, and 21CYr have undetermined eligibility to the National Register. Archeological sites 32CS42 and 32CS44 have been determined not eligible to the National Register in 1988 in conjunction with the Horace-West Fargo Flood Control Project. The remaining eight sites, four isolated finds, and 10 structures are recommended as not eligible to the National Register.

Four prehistoric archeological sites, five historic archeological sites, three isolated finds, two unverified historic archeological sites, eight farmsteads, and four other structures lie within the footprints of the diversion, its tie-back levee alignments, and Storage Area #1 (see Table E-13). The location of an unverified lead to the Red River oxcart trail (21CYr) along the east side of the Red River is crossed by the tie-back levee alignment.

1.3 PREVIOUS CULTURAL RESOURCES INVESTIGATIONS

1.3.1 Moorhead, Minnesota In-Town Levee Alignment

Previous cultural resources surveys within the one-eighth-mile-wide Moorhead in-town levee alignment include a 1979 inventory of historic standing structures in the city of Moorhead (Moorhead Community Development Department 1979), a 1978 archeological survey of M. B. Johnson Park (Michlovic 1978a), and a 2002 survey of the TH 10 (Main Avenue) Bridge crossing of the Red River (Penner 2002). In addition, archeological testing has been conducted at historic sites 21CY5 (Historic Moorhead) (Michlovic 1997a, 1997b) and 21CY67 (Historic Probstfield Farm) (Michlovic and Kitch 1999).

Legal locations involved include:

- MCDD (1979) in city of Moorhead;
- Michlovic (1978a) in T140N, R48W, Section 29;
- Michlovic (1997a, 1997b) in T139N, R48W, Section 5;
- Michlovic and Kitch (1999) in T140N, R48W, Section 21; and
- Penner (2002) in T139N, R48W, Section 8.

1.3.2 Fargo, North Dakota In-Town Levee Alignment

Previous cultural resources surveys within the one-eighth-mile-wide Fargo in-town levee alignment include a 1978 survey in parts of the lower Sheyenne River Basin (Vehik 1978), 1985-1986 architectural surveys in the city of Fargo (Fiege 1986; Granger 1986),

a 1990 pipeline survey (Schweigert 1990), a 1999 survey of three bank protection areas along the Red River (Gnabasik 1999), a 2002 survey of the TH 10 (Main Avenue) Bridge crossing of the Red River (Penner 2002), a 2003 archeological survey of the CSAH 22 (Minnesota) and County Road 20 (North Dakota) Bridge over the Red River (Mulholland et al. 2003), and the 2009 survey of the Fargo Southside Study Area (URS Group 2009). Legal locations involved include:

Vehik (1978) in T140N, R49W, Sections 4, 9, 17 and 30; and T138N, R49W, Section 18;
Fiege (1986) in [at NDSHPO – to be accessed if this alternative is selected];
Granger (1986) in [at NDSHPO – to be accessed if this alternative is selected];
Schweigert (1990) in T140N, R49W, Sections 32 and 33;
Gnabasik (1999) in T140N, R48W, Sections 19 and 32;
Penner (2002) in T139N, R48W, Sections 7 and 8;
Mulholland et al. (2003) in T140N, R48W, Sections 18 and 19; and
URS Group (2009) in T139N, R48W, Section 30; T139N, R49W, Section 36; and T138N, R49W, Sections 1, 8, 11, 12, 14 and 17.

1.3.3 North Dakota West Diversion Alignment

Previous cultural resources surveys within the one-mile-wide North Dakota west diversion alignment include a 1978 survey in parts of the lower Sheyenne River Basin (Vehik 1978), a 1986 survey of the Horace-West Fargo Flood Control Project (Floodman 1988), a 1986 archeological survey and test excavations in Cass County (Michlovic 1986), a 1990 pipeline survey (Schweigert 1990), and the 2009 survey of the Fargo Southside Study Area (URS Group 2009). Phase II testing to evaluate the National Register of Historic Places eligibility of archeological sites 32CS42 and 32CS44 resulted in determinations that they were not eligible to the National Register (Persinger 1988).

Legal locations involved include:

Vehik (1978) in T141N, R49W, Section 10; T138N, R50W, Sections 24 and 25; and T138N, R49W, Section 30;
Michlovic (1986) in T138N, R50W, Section 36;
Floodman (1988) in T139N, R50W, Sections 2 and 11;
Persinger (1988) in T139N, R50W, Section 11;
Schweigert (1990) in T140N, R50W, Section 14; and
URS Group (2009) in T137N, R49W, Sections 3, 4 and 10.

1.3.4 North Dakota East Diversion Alignment (part of the ND35K Plan)

Previous Phase I cultural resources investigations within the one-mile-wide North Dakota East Diversion alignment include a 1978 survey of parts of the lower Sheyenne River Basin (Vehik 1978), a 1986 survey of the Horace-West Fargo Flood Control Project (Floodman 1988), a 1986 archeological survey and test excavations in Cass County (Michlovic 1986), a 1990 pipeline survey (Schweigert 1990), and the 2009 survey of the Fargo Southside Study Area (URS Group 2009). Phase II testing to evaluate the National Register of Historic Places eligibility of archeological sites 32CS42 and 32CS44 for the Horace-West Fargo Flood Control Project resulted in determinations that they

were not eligible to the National Register (Persinger 1988). A partial survey of this alignment was conducted in 2010 (URS/Tucker 2010). Legal locations involved include:

Vehik (1978) in T141N, R49W, Section 10; T139N, R50W, Sections 13, 24, 25 and 36; T139N, R49W, Sections 18, 19, 30 and 31; T138N, R50W, Sections 1, 12, 13, 24 and 25; and T138N, R49W, Sections 6, 7, 18 and 30;

Michlovic (1986) in T138N, R50W, Section 36;

Floodman (1988) in T139N, R50W, Sections 1, 2, 11, 12 and 13; and T139N, R49W, Sections 18 and 19;

Persinger (1988) in T139N, R50W, Section 11;

Schweigert (1990) in T140N, R50W, Section 14; and

URS Group (2009) in T137N, R49W, Sections 3, 4 and 10.

URS/Tucker (2010) in T141N, R50W, Section 25; T140N, R50W, Section 23; T139N, R50W, Sections 2, 12, 13, 25 and 36; T139N, R49W, Section 18; T138N, R50W, Sections 12, 13, 24 and 25; T138N, R49W, Sections 30, 31 and 32; T137N, R49W, Sections 3, 4, 10, 11 and 12; and T137N, R48W, Section 7.

1.3.5 North Dakota Mini-Diversion Alignment

Previous cultural resources surveys within the one-mile-wide North Dakota Mini-Diversion alignment include a 1978 survey in parts of the lower Sheyenne River Basin (Vehik 1978), a 1986 survey of the Horace-West Fargo Flood Control Project (Floodman 1988), and a 1990 pipeline survey (Schweigert 1990). Legal locations involved include:

Vehik (1978) in T141N, R49W, Section 10;

Floodman (1988) in T139N, R50W, Sections 2 and 11; and

Schweigert (1990) in T140N, R50W, Section 14.

1.3.6 North Dakota East and West Diversions Tie-Back Levee Alignment (part of the ND35K Plan)

In 2010 a cultural resources survey was conducted along the one-eighth-mile-wide North Dakota East and West Diversions Tie-Back Levee alignment, which is located in Minnesota. Legal locations involved include:

URS/Tucker (2010) in T137N, R48W, Sections 4, 5, 7, 8, 9 and 10.

1.3.7 Minnesota Long Diversion Alignment

There have been no previous cultural resources surveys within the one-mile-wide Minnesota Long Diversion alignment in Minnesota, except for maybe fieldwork in connection with the Statewide Archaeological Survey in Clay County in 1978 (Michlovic 1978b, 1979). Previous cultural resources surveys within that portion of the one-mile-wide Minnesota Long Diversion alignment in North Dakota include a 1978 survey along parts of the lower Sheyenne River Basin (Vehik 1978). Legal locations involved include:

Vehik (1978) in T141N, R49W, Section 13.

1.3.8 Minnesota Long Diversion Tie-Back Levee Alignment

Previous cultural resources surveys within the one-eighth-mile-wide Minnesota Long Diversion Tie-Back Levee alignment, which is located in North Dakota, include the 2009 survey of the Fargo Southside Study Area (URS Group 2009). Legal locations involved include:

URS Group (2009) in T137N, R49W, Sections 3, 4, 5, 6, 7, 8, 9 and 10.

1.3.9 Minnesota Short Diversion Alignment (part of the FCP)

The Statewide Archaeological Survey in Clay County in 1978 (Michlovic 1978b, 1979) may have included part of the one-mile-wide Minnesota Short Diversion alignment. Previous cultural resources surveys within that portion of the Minnesota Short Diversion alignment in North Dakota include a 1978 survey along parts of the lower Sheyenne River Basin (Vehik 1978). A partial survey of this diversion alignment was conducted in 2010 (URS/Tucker 2010). Legal locations involved include:

Vehik (1978) in T141N, R49W, Section 13;

URS/Tucker (2010) in T141N, R48W, Sections 18, 29, 20, 27, 28, 30 and 34;

T140N, R48W, Sections 3, 4, 10, 24 and 36; T140N, R47W, Section 30;

T139N, R47W, Section 6; T139N, R48W, Sections 1, 12, 13, 24, 25, 35 and 36; and T138N, R48W, Sections 2, 3, 10, 15, 16 and 17.

1.3.10 Minnesota Short Diversion Red River Breakout Channel Alignment (part of the FCP)

The Statewide Archaeological Survey in Clay County in 1978 (Michlovic 1978b, 1979) may have included part of the one-half mile-wide Minnesota Short Diversion Red River Breakout Channel alignment. In 2010 a cultural resources survey was conducted along part of this breakout channel alignment (URS/Tucker 2010). Legal locations involved include:

URS/Tucker (2010) in T138N, R48W, Sections 20, 29 and 32.

1.3.11 Minnesota Short Diversion Tie-Back Levee Alignment (part of the FCP)

Previous cultural resources surveys within the one-eighth-mile-wide Minnesota Short Tie-Back Levee alignment, which is located in North Dakota, include the 2009 survey of the Fargo Southside Study Area (URS Group 2009). A partial survey of this alignment including the location of the control structure across the Red River was conducted in 2010 (URS/Tucker 2010). Legal locations involved include:

URS Group (2009) in T138N, R48W, Section 18; and T138N, R49W, Sections 13, 24, 26, 33, 34 and 35.

URS/Tucker (2010) in T138N, R48W, Sections 17 and 18; and T138N, R49W, Sections 13, 23, 24, 26, 31, 33, 34 and 35.

1.3.12 Minnesota Short Diversion Wild Rice River Breakout Channel Alignment (part of the FCP)

Part of the one-half mile wide Minnesota Short Diversion Wild Rice River Breakout Channel alignment was surveyed for cultural resources in 2010 (URS/Tucker 2010). Legal locations involved include:

URS/Tucker (2010) in T138N, R49W, Section 35.

1.3.13 FCP

Previous cultural resources survey information is the same as for the Minnesota Short Diversion Alignment with Red River Breakout Channel, Tie-Back Levee, and Wild Rice River Breakout Channel Alignments (refer to paragraphs 1.3.9 through 1.3.12 above)

1.3.14 ND35K Plan

Previous cultural resources survey information is the same as for the North Dakota East Diversion Alignment and its associated tie-back levee alignment (refer to paragraphs 1.3.4 and 1.3.6 above).

1.3.15 LPP

Previous Phase I cultural resources investigations within the LPP's diversion alignment, tie-back levee alignment and Storage Area #1 in North Dakota and tie-back levee alignment in Minnesota include a 1978 survey of parts of the lower Sheyenne River Basin (Vehik 1978), a 1986 survey of the Horace-West Fargo Flood Control Project (Floodman 1988), a 1990 pipeline survey (Schweigert 1990), and the 2009 survey of the Fargo Southside Study Area (URS Group 2009). Phase II testing to evaluate the National Register of Historic Places eligibility of archeological sites 32CS42 and 32CS44 for the Horace-West Fargo Flood Control Project resulted in determinations that they were not eligible to the National Register (Persinger 1988). A partial survey of this plan's alignments was conducted in 2010 (URS/Tucker 2010). Legal locations involved include:

Vehik (1978) in T141N, R49W, Sections 10 and 15; T139N, R50W, Sections 13, 24, 25 and 36; T139N, R49W, Sections 18, 19, 30 and 31; T138N, R50W, Sections 1, 12, 13, 24 and 25; and T138N, R49W, Sections 6, 7, 18 and 30;

Floodman (1988) in T139N, R50W, Sections 2, 11, 12 and 13; and T139N, R49W, Section 18;

Persinger (1988) in T139N, R50W, Section 11;

Schweigert (1990) in T140N, R50W, Section 14; and

URS Group (2009) in T137N, R49W, Sections 3, 4 and 10.

URS/Tucker (2010) in T140N, R50W, Section 23; T139N, R50W, Sections 2, 12, 13, 25 and 36; T139N, R49W, Section 18; T138N, R50W, Sections 12, 13, 24 and 25; T138N, R49W, Sections 30, 31 and 32; T137N, R49W,

Sections 3, 4, 10, 11 and 12; and T137N, R48W, Sections 4, 5, 7, 8, 9 and 10.

1.4 FUTURE CULTURAL RESOURCES INVESTIGATIONS AND COORDINATION

Until 2010, less than five percent of the proposed levee and diversion alignments had been previously surveyed for cultural resources and those were mainly spot locations that were investigated. The one exception, which pertains to the North Dakota East Diversion Alignment, the ND35K Plan, and the LPP, is the existing Horace-West Fargo diversion alignment, which was surveyed for cultural resources in 1988, with sites 32CS42, 32CS43 and 32CS44 being recorded during that survey. In 2010, a Phase I cultural resources investigation was started for the North Dakota East Diversion alignment and its associated tie-back levee in Minnesota and the Minnesota Short Diversion alignment and its associated Red River breakout channel alignment in Minnesota, along with its associated Wild Rice River breakout channel alignment and its associated tie-back levee alignment in North Dakota. In 2011, the Phase I cultural resources investigation survey shifted to surveying the LPP diversion alignment, its two tie-back levee alignments, and its associated storage area. The North Dakota East/ND35K diversion alignment, the Minnesota Short/FCP diversion alignment, and their respective associated tieback levee and breakout channel alignments will not be surveyed further.

The area within the selected diversion plan's construction limits will need a Phase I cultural resources investigation for any areas not already surveyed, to locate any prehistoric or historic archeological sites and standing structures in the project area. Buildings and structures in the cities of Fargo and Moorhead were inventoried in the 1980s. Additional architectural inventory work will be necessary in Cass County, North Dakota, and Clay County, Minnesota, for any diversion and associated tie-back levee(s), storage area, staging area, and/or breakout channel alignments selected for the project.

Those buildings and structures that are 50 years old or older (built prior to 1960) and archeological sites, which are within the selected diversion alignment and related project areas, will need to have their eligibility to the National Register of Historic Places evaluated. For archeological sites this means formal testing at the site to determine its potential to contain important information on the prehistory or history of the area. For architectural sites, this means research into whether there are any significant historical events or persons associated with the building or structure, and determining the historical integrity of the building or structure's architecture. Depending on what the standing structure is, archeological testing may be necessary to determine if there are significant historic artifact deposits associated with it.

A Programmatic Agreement has been negotiated between the St. Paul District, U.S. Army Corps of Engineers, the Minnesota State Historic Preservation Officer, and the North Dakota State Historic Preservation Officer, with the city of Fargo and the city of Moorhead as concurring parties. The Cass County (North Dakota) and Clay County (Minnesota) Boards of Commissioners were also invited to be concurring parties to the Programmatic Agreement. The Advisory Council on Historic Preservation has declined

to become involved in the project. The Programmatic Agreement covers the Corps' compliance with Section 106 of the National Historic Preservation Act (NHPA), as amended, per its implementing regulation 36 CFR Part 800, Protection of Historic Properties, section 800.14(b).

In addition, Indian tribes with historic connections to the project area, including the Sisseton-Wahpeton Oyate of the Lake Traverse Reservation, the White Earth Band of Minnesota Chippewa, the Leech Lake Band of Ojibwe, the Turtle Mountain Band of Chippewa, the Upper Sioux Community of Minnesota, the Lower Sioux Indian Community of Minnesota, the Spirit Lake Nation of North Dakota, the Red Lake Band of Chippewa Indians, Bois Forte Band of Chippewa Indians, the Three Affiliated Tribes (Mandan, Hidatsa and Arikara Nation), the Northern Cheyenne Tribe, the Standing Rock Sioux Tribe, the Yankton Sioux Tribe, the Assiniboine and Sioux Tribes of the Fort Peck Indian Reservation, the Crow Creek Sioux Tribe, and the Flandreau Santee Sioux Tribe, were contacted by letter from the Corps' District Engineer to the respective tribal chairman or chairwoman to determine if they wished to consult under Section 106 of the NHPA regarding traditional, religious, or cultural resources important to them which may be affected by the project. These tribes have been invited to be concurring parties to the Programmatic Agreement.

Finally, adverse effects to National Register eligible or listed historic properties, which cannot be avoided, should be minimized to the extent practicable. Unavoidable impacts to such historic properties will need to be mitigated prior to project construction.

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Table E-1. Recorded archeological sites and standing structures along the Moorhead levee alignment (within 100 meters/330 feet of levee centerline).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
21CY5	Old City of Moorhead	Historic artifact scatter and structural ruins	T139N, R48W, Sections 5 and 6	Undetermined
21CY48*	Toll Bridge site	Prehistoric artifact scatter	T139N, R48W, Section 5	Undetermined
21CY66	Historic Moorhead 2	Historic artifact scatter and structural ruins	T139N, R48W, Section 8	Undetermined
21CY67	Probstfield Farm	Historic artifact scatter, structural ruins and standing structures	T140N, R48W, Section 21	Undetermined
21CY68*	Probstfield Farm 2	Prehistoric artifact scatter	T140N, R48W, Section 21	Undetermined

21CY71*	Harris Homestead	Historic artifact scatter and structural ruins	T139N, R48W, Section 8	Undetermined
21CYg*	Probstfield Post Office	Historic site lead	T140N, R48W, Section 29	Undetermined
21CYr*	Red River Trail	Historic site lead – oxcart trail (crosses trail at 6 locations)	T140N, R48W, Sections 8, 21 & 28 and T138N, R48W, Section 5	Undetermined
CY-MHC-002	John Bergquist House (1870)	719 10th Ave. N.	T139N, R48W, Section 5	Listed (5/7/80), B
CY-MHC-005	Nels Overby House (1879)	811 Elm St. S.	T139N, R48W, Section 7	Undetermined
CY-MHC-011	Emil Euren House (1882)	311 10th St. N.	T139N, R48W, Section 5	Undetermined
CY-MHC-012	Gust Euren House (1897)	303 10th St. N.	T139N, R48W, Section 5	Undetermined
CY-MHC-024	Knute Simonson House (1897)	112 4th St. S.	T139N, R48W, Section 8	Undetermined
CY-MHC-025	Kassenborg Block (1898)	xxx Main Ave.	T139N, R48W, Section 8	Eligible
CY-MHC-030	Alexander and Agnes Nelson House (1900)	500 9th St. N.	T139N, R48W, Section 5	Undetermined
CY-MHC-055	Barn	12th Ave. S. at Riverton Dr.	T139N, R48W, Section 18	Undetermined
CY-MHC-059	Red River Bridge	Main Ave. over Red River	T139N, R48W, Section 8	Eligible
CY-MHC-060	NPRR Bridge	Over Red River	T139N, R48W, Section 8	Undetermined
CY-MHC-061	Bridge	Center Ave. over Red River	T139N, R48W, Section 8	Undetermined
CY-MHC-062	Bridge	1st Ave. N. over Red River	T139N, R48W, Section 6	Undetermined
CY-MHC-064*	Moorhead Country Club (1938)	11th St. at 18th Ave. N.	T139N, R48W, Section 32	Undetermined
CY-MHC-066	Fairmont Creamery Company	801 2nd Ave. N.	T139N, R48W, Section 5	Listed (2/10/83), A
CY-MHC-068	Douglas House (1872)	111 4th St. S.	T139N, R48W, Section 8	Eligible
CY-OAK-001	Randolph M. Probstfield House	County Road 96	T140N, R48W, Section 21	Listed (5/7/80), B

*Site crossed by levee centerline.

Table E-2. Recorded archeological sites and standing structures along the Fargo levee alignment (within 100 meters/330 feet of levee centerline).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
32CSX30	Horace Railroad Station	Historic site lead	T138N, R49W, Section 17	Undetermined
32CSX196*		Isolated find - flake	T140N, R49W, Section 12	Undetermined
32CS142	Salem Cemetery	Cemetery	T138N, R49W, Section 1	Not Eligible
32CS4442*		Late Prehistoric cultural material scatter	T140N, R48W, Section 18	Undetermined
32CS4443*		Late Prehistoric cultural material scatter	T140N, R48W, Section 18	Undetermined
32CS4474	Red River Bridge (1937)	NP Ave. and 4th St.	T139N, R48W, Section 7	Undetermined
32CS4671		Historic storage building ruin (1872-1897)	T139N, R48W, Section 7	Undetermined
32CS4673*		Historic multi-unit dwelling ruin (1871-1937)	T139N, R48W, Section 7	Undetermined
32CS5083	Lemke Farm	House and shed	T139N, R48W, Section 30	Not Eligible
32CS5087	Sunset Gardens Cemetery	Cemetery	T139N, R49W, Section 36	Not Eligible
	Dibley House	331 8th Ave. S.	T139N, R48W, Section 7	Listed (11/25/80), C
*	North Side Fargo Builder's Residential Historic District	Ben Franklin School area to El Zagal Golf Course and 12th Ave. N. to 4th and 1st Streets	T140N, R48W, Section 31	Listed (4/7/87), A, C, g

*Site crossed by levee centerline.

Table E-3. Recorded archeological sites and standing structures along the North Dakota West Diversion alignment (within one-half mile either side of diversion centerline).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
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32CSX35		Historic site lead – school	T138N, R50W, Section 11	Undetermined
32CSX238b		Historic site lead – cultural material scatter and trail at Red River	T142N, R49W, Section 25	Undetermined
32CS42		Prehistoric cultural material scatter	T139N, R50W, Section 11	Not Eligible
32CS43		Prehistoric cultural material scatter	T139N, R50W, Section 2	Undetermined
32CS44		Prehistoric cultural material scatter	T139N, R50W, Section 11	Not Eligible
32CS201		Prehistoric cultural material scatter	T141N, R49W, Section 10	Undetermined
32CS4461	Maple River Bridge	Bridge on N-S section line road (Raymond Twp.)	T140N, R50W, Sections 23 and 24	Undetermined
32CS4462	Sheyenne River Bridge	Bridge on south jog in E-W section line road (Warren Twp.)	T138N, R50W, Section 36	Eligible
32CS5090		Rural residence	T138N, R49W, Section 30	Not Eligible
32CS5091		Rural residence	T138N, R49W, Section 30	Not Eligible

*Site crossed by diversion centerline.

Table E-4. Recorded archeological sites and standing structures along the North Dakota East Diversion alignment (within one-half mile either side of diversion centerline) (part of ND35K Plan).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
32CSX238b		Historic site lead – cultural material scatter and trail at Red River	T142N, R49W, Section 25	Undetermined
32CS42*		Prehistoric cultural material scatter	T139N, R50W, Section 11	Not Eligible
32CS43		Prehistoric cultural material scatter	T139N, R50W, Section 2	Undetermined
32CS44		Prehistoric cultural material scatter	T139N, R50W, Section 11	Not Eligible
32CS201		Prehistoric cultural material scatter	T141N, R49W, Section 10	Undetermined

32CS4461	Maple River Bridge	Bridge on N-S section line road (Raymond Twp.)	T140N, R50W, Sections 23 and 24	Undetermined
32CS4462	Sheyenne River Bridge	Bridge on south jog in E-W section line road (Warren Twp.)	T138N, R50W, Section 36	Eligible
32CS5090		Rural residence	T138N, R49W, Section 30	Not Eligible
32CS5091		Rural residence	T138N, R49W, Section 30	Not Eligible
FM1-2		Historic cultural material scatter	T139N, R50W, Section 13	Recommended Not Eligible
FM2-2		Historic cultural material scatter	T137N, R49W, Section 10	Recommended Eligible
FM2-5		Historic cultural material scatter	T137N, R49W, Section 12	Recommended Not Eligible
FM2-6		Historic homestead	T138N, R50W, Section 24	Recommended Not Eligible
FM2-7		Historic cultural material scatter	T138N, R50W, Section 24	Recommended Not Eligible
FM2-8		Isolated find – side-notched projectile point	T140N, R50W, Section 23	Recommended Not Eligible
FM4-7		Historic cultural material scatter	T137N, R48W, Section 7	Recommended Not Eligible
ND-1	Ihnken Farm	Farmstead (c. 1930) 2368 173rd Ave. SE	T142N, R49W, Section 35	Recommended Not Eligible
ND-2	Anders Farm	Farmstead (c. 1930) 17135 25th St. SE	T141N, R49W, Section 3	Recommended Not Eligible
ND-3	Krogh Farm	Farmstead 9610 76th Ave. N	T140N, R50W, Section 2	Undetermined
ND-4	J. Johnson Farm	Farmstead 3405 19th Ave. NW	T140N, R50W, Section 26	Undetermined
ND-5	Deede Farm	Farmstead (c. 1920)	T139N, R50W, Section 11	Recommended Eligible
ND-6	Rice Farm	Farmstead (c. 1950) 1152 21st Ave. W	T139N, R49W, Section 18	Recommended Not Eligible
ND-7	Belanger Farm	Farmstead 8501 81st St. S	T139N, R50W, Section 13	Undetermined
ND-8		BNSF Railroad crossing (c. 1900)	T138N, R50W, Section 25	Recommended Not Eligible
ND-9	Delaney House	House (c. 1925) 10615 81st St. S	T138N, R50W, Section 25	Recommended Not Eligible
ND-10	M. Johnson Farm	Farmstead 7806 112th Ave. S	T138N, R49W, Section 31	Undetermined

ND-12	Loffelmacher Farm	Farmstead 5806 124th Ave. S	T137N, R49W, Section 5	Undetermined
ND-13	Brodshaug Farm #2	Farmstead 4857 172nd Ave. SE	T137N, R49W, Section 4	Undetermined
ND-14*	Brodshaug Farm #1	Farmstead (c. 1900) 17272 SE 49th St.	T137N, R49W, Section 10	Recommended Eligible
ND-15		Bridge over Wild Rice River (1953)	T137N, R49W, Section 11	Recommended Not Eligible
ND-16		Collapsed Granary (c. 1900)	T137N, R49W, Section 10	Recommended Not Eligible
ND-17		Collapsed House (1912) 17550 49th St. SE	T137N, R48W, Section 7	Recommended Not Eligible

*Site crossed by diversion centerline.

Table E-5. Recorded archeological sites and standing structures along the North Dakota Mini-Diversion (Maple River to Red River) alignment (within one-half mile either side of diversion centerline).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
32CSX238b		Historic site lead – cultural material scatter and trail at Red River	T142N, R49W, Section 25	Undetermined
32CS43		Prehistoric cultural material scatter	T139N, R50W, Section 2	Undetermined
32CS201		Prehistoric cultural material scatter	T141N, R49W, Section 10	Undetermined
32CS4461	Maple River Bridge	Bridge on N-S section line road (Raymond Twp.)	T140N, R50W, Sections 23 and 24	Undetermined

*Site crossed by diversion centerline.

Table E-6. Recorded archeological sites and standing structures along the North Dakota East and West Diversions Tie-Back Levee alignment (within 100 meters/330 feet of levee centerline) (part of ND35K Plan).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
21CYr*	Red River Trail	Historic site lead – oxcart trail (crosses trail at 1 location)	T137N, R48W, Sections 5 and 8	Undetermined

FM3-2		Historic cultural material scatter	T137N, R48W, Section 5	Recommended Not Eligible
FM3-3		Isolated find – Historic artifact	T137N, R48W, Section 8	Recommended Not Eligible
FM3-4		Isolated find – Historic artifact	T137N, R48W, Section 8	Recommended Not Eligible
FM3-5		GN/BNSF railroad segment	T137N, R48W, Section 9	Recommended Eligible
FM3-6		Isolated find – Historic artifact	T137N, R48W, Section 9	Recommended Not Eligible

*Site crossed by levee centerline.

Table E-7. Recorded archeological sites and standing structures along the Minnesota Long Diversion alignment (within one-half mile either side of diversion centerline).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
21CY3		Prehistoric cultural material scatter	T141N, R49W, Section 13	Undetermined
21CY19		Prehistoric lithic scatter	T141N, R48W, Section 30	Undetermined
21CY55		Prehistoric lithic scatter	T141N, R49W, Section 13	Undetermined
21CYk*	Ruthruff	Historic site lead – Ghost Town	T139N, R48W, Section 36	Undetermined
21CYl* (el)	Lafayette	Historic site lead – Ghost Town	T141N, R48W, Section 18 and T141N, R49W, Section 13	Undetermined
21CYr*	Red River Trail	Historic site lead – oxcart trail (crosses trail at 3 locations)	T141N, R48W, Sections 18 and 34 and T137N, R48W, Section 5	Undetermined
CY-DWC-003	Northern Pacific shop buildings	Dilworth	T139N, R48W, Sections 11 and 12	Undetermined
CY-HCR-002	Ole Thompson House	Holy Cross Twp.	T137N, R48W, Section 6	Undetermined
CY-KRG-001	John Olness House	U.S. Highway 75 at Kragnes	T141N, R48W, Section 27	Listed (5/7/80), B, C
CY-KRG-004	Kragnes Bar	Kragnes – east side of Main Street	T141N, R48W, Section 34	Undetermined
CY-KRG-005	Warehouse	Kragnes – east side	T141N, R48W,	Undetermined

		of Main Street	Section 34	
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*Site crossed by diversion centerline.

Table E-8. Recorded archeological sites and standing structures along the Minnesota Long Diversion Tie-Back Levee alignment (within 100 meters/330 feet of levee centerline).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
32CS5079		Historic cultural material scatter	T137N, R49W, Section 5	Not Eligible

*Site crossed by levee centerline.

Table E-9. Recorded archeological sites and standing structures along the Minnesota Short Diversion alignment (within one-half mile either side of diversion centerline) (part of FCP).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
21CY3		Prehistoric cultural material scatter	T141N, R49W, Section 13	Undetermined
21CY19		Prehistoric cultural material scatter	T141N, R48W, Section 30	Undetermined
21CY55		Prehistoric cultural material scatter	T141N, R49W, Section 13	Undetermined
21CYk*	Ruthruff	Historic site lead – Ghost Town	T139N, R48W, Section 36	Undetermined
21CYl* (el)	Lafayette	Historic site lead – Ghost Town	T141N, R48W, Section 18 and T141N, R49W, Section 13	Undetermined
21CYo	Burlington	Historic site lead – Ghost Town	T138N, R48W, Sections 19 and 20	Undetermined
21CYr*	Red River Trail	Historic site lead – oxcart trail (crosses trail at 3 locations)	T141N, R48W, Sections 18 and 34 and T138N, R48W, Section 17	Undetermined
CY-DWC-003	Northern Pacific shop buildings	Dilworth	T139N, R48W, Sections 11 and 12	Undetermined
CY-KRG-001	John Olness	U.S. Highway 75 at	T141N, R48W,	Listed (5/7/80),

	House	Kragnes	Section 27	B, C
CY-KRG-004	Kragnes Bar	Kragnes – east side of Main Street	T141N, R48W, Section 34	Undetermined
CY-KRG-005	Warehouse	Kragnes – east side of Main Street	T141N, R48W, Section 34	Undetermined
FM1-1		Historic cultural material scatter	T139N, R48W, Section 36	Recommended Not Eligible
FM2-1		Historic cultural material scatter	T140N, R48W, Section 24	Recommended Not Eligible
FM2-3		Isolated find – modified flake	T138N, R48W, Section 2	Recommended Not Eligible
FM2-4		Former school site	T139N, R48W, Section 35	Recommended Eligible
FM2-9		Historic cultural material scatter	T139N, R48W, Section 12	Recommended Not Eligible
FM2-11		Historic cultural material scatter	T141N, R49W, Section 13	Recommended Not Eligible
FM2-12		Isolated find – flake	T141N, R49W, Section 13	Recommended Not Eligible
FM4-6		Isolated find – projectile point	T138N, R48W, Section 18	Recommended Not Eligible
MN-1	Fossum Farm	Farmstead (1948) 12109 15th St. NW	T141N, R48W, Section 18 and T141N, R49W, Section 13	Recommended Not Eligible
MN-2	Montplaisir Farm	Farmstead (1973) 12547 15th St. NW	T141N, R48W, Section 18	Recommended Not Eligible
MN-3	Jacobsen Farm	Farmstead (1988) 7330 28th St. N	T140N, R48W, Section 9	Recommended Not Eligible
MN-4	Pederson Farm	Farmstead (1961) 3356 50th Ave. N	T140N, R48W, Section 10	Recommended Not Eligible
MN-5	Fischer Farm	Farmstead (1941) 9467 50th St. N	T140N, R47W, Section 30	Recommended Not Eligible
MN-6	Fiandaca Farm	Farmstead (c. 1930) 5526 28th Ave. N	T139N, R48W, Section 12	Undetermined
MN-7	Jones House	House (1910) 313 Adams Ave.	T139N, R48W, Section 12	Recommended Not Eligible
MN-8		BNSF Railroad 925 Center Ave. E	T139N, R48W, Section 12	Undetermined
MN-9		House (1920) 305 Adams Ave.	T139N, R48W, Section 12	Recommended Not Eligible
MN-10	Hawk House	House (1938) 301 Adams Ave.	T139N, R48W, Section 12	Recommended Not Eligible
MN-11*	Nettleton House	House (1910) 21 Bean Ave.	T139N, R48W, Section 13	Recommended Not Eligible

MN-12	Anderson House	House (1900) 14 Prior St.	T139N, R48W, Section 36	Recommended Not Eligible
MN-13	Kolo Farm	Farmstead (1994) 5343 28th Ave. S	T139N, R48W, Section 35	Recommended Not Eligible
MN-14*	Allen- Kounovsky Farm	Farmstead (1913) 5471 50th Ave. S	T138N, R48W, Section 2	Recommended Eligible
MN-15	Sillers Farm	Farmstead (1935) 5555 45th St. S	T138N, R48W, Section 3	Recommended Not Eligible
MN-16	M. Nyquist Farm	Farmstead (1951) 6498 40th St. S	T138N, R48W, Section 10	Recommended Not Eligible
MN-17*	R. and J. Nyquist Farm	Farmstead (1952) 6541 40th St. S	T138N, R48W, Section 17	Recommended Not Eligible

*Site crossed by diversion centerline.

Table E-10. Recorded archeological sites and standing structures along Minnesota Short Red River Diversion Breakout Channel alignment (within one-quarter mile either side of channel centerline) (part of FCP).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
21CYo*	Burlington	Historic site lead – Ghost Town	T138N, R48W, Sections 19 and 20	Undetermined
21CYr*	Red River Trail	Historic site lead – oxcart trail (follows trail for ca. 1 mile and crosses trail at 1 location)	T138N, R48W, follows in Sections 17 and 20 and crosses in Section 32	Undetermined
FM4-4		Historic cultural material scatter	T138N, R48W, Section 31	Recommended Not Eligible
MN-18	Ball Farm	Farmstead (1961) 3428 80th Ave. S	T138N, R48W, Section 32	Recommended Not Eligible
MN-19	Scheving Farm	Farmstead (1930) 8719 Hwy 75 S	T138N, R48W, Section 31	Recommended Eligible

*Site crossed by breakout channel centerline.

Table E-11. Recorded archeological sites and standing structures along Minnesota Short Diversion Tie-Back Levee alignment (within 100 meters/330 feet of levee centerline) (part of FCP).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
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32CSX1*	Holy Cross Mission	Historic site lead	T138N, R49W, Section 13	Undetermined
FM4-3		Prehistoric campsite and historic cultural material scatter	T138N, R48W, Section 18	Recommended Eligible
32CS2657	Meridian Highway	Historic highway	T138N, R49W, Section 13 and T138N, R48W, Section 18	Recommended Not Eligible
ND-11	Thompson Farm	Farmstead (c. 1960) 11908 38th St. S	T138N, R49W, Section 35	Recommended Not Eligible

*Site crossed by levee centerline.

Table E-12. Recorded archeological sites and standing structures along Minnesota Short Diversion Wild Rice River Breakout Channel alignment (within one-quarter mile either side of channel centerline) (part of FCP).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
FM-A		Historic cultural material scatter	T138N, R49W, Section 26	Recommended Eligible

*Site crossed by channel centerline.

Table E-13. Recorded archeological sites and standing structures along the Locally Preferred Plan (LPP) alignment (within one-half mile either side of diversion centerline or within 100 meters/330 feet of tie-back levee centerlines or within Storage Area #1 or 100 meters/330 feet of its exterior boundary).

SITE or STRUCTURE NUMBER	SITE NAME	DESCRIPTION or STREET ADDRESS	LOCATION	NATIONAL REGISTER STATUS
32CSX33*		Historic site lead – archeological site	T138N, R49W, Section 34	Undetermined
32CSX131*		Historic site lead – Unknown type	T141N, R49W, Section 15	Undetermined
32CSX238b		Historic site lead – cultural material scatter and trail at Red River	T142N, R49W, Section 25	Undetermined
21CYr*	Red River Trail	Historic site lead – Red River oxcart trail	T137N, R48W, Sections 5 and 8	Undetermined
32CS42*		Prehistoric cultural material scatter	T139N, R50W, Section 11	Not Eligible

32CS43*		Prehistoric cultural material scatter	T139N, R50W, Section 2	Undetermined
32CS44*		Prehistoric cultural material scatter	T139N, R50W, Section 11	Not Eligible
32CS114	St. Benedict Catholic Church	Historic church	T138N, R49W, Section 34	Undetermined
32CS201*		Prehistoric cultural material scatter	T141N, R49W, Section 10	Undetermined
32CS4462	Sheyenne River Bridge	Bridge on south jog in E-W section line road (Warren Twp.)	T138N, R50W, Section 36	Eligible
32CS4563		Prehistoric cultural material scatter	T141N, R49W, Section 15	Undetermined
32CS5076	Tessier Farm	Farmstead	T138N, R49W, Section 27	Recommended Not Eligible
32CS5078		Historic cultural material scatter	T138N, R49W, Section 34	Recommended Not Eligible
FM1-2*		Historic cultural material scatter	T139N, R50W, Section 13	Recommended Not Eligible
FM2-2		Historic cultural material scatter	T137N, R49W, Section 10	Recommended Eligible
FM2-5		Historic cultural material scatter	T137N, R49W, Section 12	Recommended Not Eligible
FM2-6*		Historic homestead	T138N, R50W, Section 24	Recommended Not Eligible
FM2-7*		Historic cultural material scatter	T138N, R50W, Section 24	Recommended Not Eligible
FM2-8*		Isolated find – projectile point	T140N, R50W, Section 23	Recommended Not Eligible
FM3-2*		Historic cultural material scatter	T137N, R48W, Section 5	Recommended Not Eligible
FM3-3*		Isolated find – historic artifact	T137N, R48W, Section 8	Recommended Not Eligible
FM3-4*		Isolated find – historic artifact	T137N, R48W, Section 8	Recommended Not Eligible
FM3-5		GN/BNSF railroad segment	T137N, R48W, Section 9	Recommended Eligible
FM3-6*		Isolated find – historic artifact	T137N, R48W, Section 9	Recommended Not Eligible
FM4-1		Historic cultural material scatter	T141N, R50W, Section 25	Recommended Not Eligible
FM4-7*		Historic cultural material scatter	T137N, R48W, Section 7	Recommended Not Eligible
ND-1	Ihnken Farm	Farmstead (c. 1930)	T142N, R49W,	Recommended

		2368 173rd Ave. SE	Section 35	Not Eligible
ND-2*	Anders Farm	Farmstead (c. 1930) 17135 25th St. SE	T141N, R49W, Section 3	Recommended Not Eligible
ND-3	Krogh Farm	Farmstead 9610 76th Ave. N	T140N, R50W, Section 2	Undetermined
ND-4*	J. Johnson Farm	Farmstead 3405 19th Ave. NW	T140N, R50W, Section 26	Undetermined
ND-5*	Deede Farm	Farmstead (c. 1920)	T139N, R50W, Section 11	Recommended Eligible
ND-6	Rice Farm	Farmstead (c. 1950) 1152 21st Ave. W	T139N, R49W, Section 18	Recommended Not Eligible
ND-7	Belanger Farm	Farmstead 8501 81st St. S	T138N, R50W, Section 13	Undetermined
ND-8*		BNSF Railroad crossing (c. 1900)	T138N, R50W, Section 25	Recommended Not Eligible
ND-9*	Delaney House	House (c. 1925) 10615 81st St. S	T138N, R50W, Section 25	Recommended Not Eligible
ND-10*	M. Johnson Farm	Farmstead 7806 112th Ave. S	T138N, R49W, Section 31	Undetermined
ND-11	Thompson Farm	Farmstead (c. 1960) 11908 38th St. S	T138N, R49W, Section 35	Recommended Not Eligible
ND-12*	Loffelmacher Farm	Farmstead 5806 124th Ave. S	T137N, R49W, Section 5	Undetermined
ND-13*	Brodshaug Farm #2	Farmstead 4857 172nd Ave. SE	T137N, R49W, Section 4	Undetermined
ND-14*	Brodshaug Farm #1	Farmstead (c. 1900) 17272 SE 49th St.	T137N, R49W, Section 10	Recommended Eligible
ND-15*		Bridge over Wild Rice River (1953)	T137N, R49W, Section 11	Recommended Not Eligible
ND-16*		Collapsed Granary (c. 1900)	T137N, R49W, Section 10	Recommended Not Eligible
ND-17*		Collapsed House (1912) 17550 49th St. SE	T137N, R48W, Section 7	Recommended Not Eligible

*Site in diversion, tie-back levee, or storage area footprints.

