



Regulatory Program

APPROVED JURISDICTIONAL DETERMINATION FORM

U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in the Approved Jurisdictional Determination Form User Manual.

SECTION I: BACKGROUND INFORMATION

A. COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): 21 November 2018

B. ORM NUMBER IN APPROPRIATE FORMAT (e.g., HQ-2015-00001-SMJ): MVP-2018-02043-BGO

C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Minnesota County/parish/borough: Martin and Faribault City: Fairmont to Blue Earth

Center coordinates of site (lat/long in degree decimal format): Lat. 43.680215, Long. -94.457009.

Map(s)/diagram(s) of review area (including map identifying single point of entry (SPOE) watershed and/or potential jurisdictional areas where applicable) is/are: ☒ attached ☐ in report/map titled .

☐ Other sites (e.g., offsite mitigation sites, disposal sites, etc.) are associated with this action and are recorded on a different JD form. List JD form ID numbers (e.g., HQ-2015-00001-SMJ-1): .

D. REVIEW PERFORMED FOR SITE EVALUATION:

☒ Office (Desk) Determination Only. Date: October 4, 2018.

☐ Office (Desk) and Field Determination. Office/Desk Date(s): . Field Date(s): .

SECTION II: DATA SOURCES

Check all that were used to aid in the determination and attach data/maps to this JD form and/or references/citations in the administrative record, as appropriate.

☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant. Title/Date: MnDOT SP 4680-129/TH 90 Joint Application Form, July 11, 2018.

☒ Data sheets prepared/submitted by or on behalf of the applicant/consultant.

☒ Office concurs with data sheets/delineation report.. Title/Date: MnDOT SP 4680-129/TH 90 Wetland Delineation Report, September 19, 2017.

☐ Office does not concur with data sheets/delineation report. Summarize rationale and include information on revised data sheets/delineation report that this JD form has relied upon: . Revised Title/Date: .

☐ Data sheets prepared by the Corps. Title/Date: .

☐ Corps navigable waters study. Title/Date: .

☐ CorpsMap ORM map layers. Title/Date: .

☐ USGS Hydrologic Atlas. Title/Date: .

☒ USGS, NHD, or WBD data/maps. Title/Date: NHD – High Resolution – MN, 2015.

☐ USGS 8, 10 and/or 12 digit HUC maps. HUC number: .

☒ USGS maps. Scale & quad name and date: 1:24k DRG – Fairmont, 2003 and MN Historical Topographic Map from 1968.

☒ USDA NRCS Soil Survey. Citation: Martin and Faribault County Soil Surveys.

☒ USFWS National Wetlands Inventory maps. Citation: USFWS NWI of MN, 1974-1978.

☒ State/Local wetland inventory maps. Citation: DNR NWI Update – MN, 2010-2016.

☐ FEMA/FIRM maps. Citation: .

☒ Photographs: ☒ Aerial. Citation: 2017 FSA and MN Historical Aerial Photographs from 1938, 1954, and 1962. or

☐ Other. Citation: .

☐ LiDAR data/maps. Citation: .

☐ Previous determinations. File no. and date of jurisdictional determination letter: .

☐ Applicable/supporting case law: .

☐ Applicable/supporting scientific literature: .

☐ Other information (please specify): .

SECTION III: SUMMARY OF FINDINGS

Complete Spreadsheet Tab “Aquatic Resources” – Required for All AJDs

A. RIVERS AND HARBORS ACT (RHA) SECTION 10 DETERMINATION OF JURISDICTION:

☐ “navigable waters of the U.S.” within RHA jurisdiction (as defined by 33 CFR part 329) in the review area.

- **List water(s) and area/length within review area – Required:**

NOTE: If the navigable water is not subject to the ebb and flow of the tide or included on the District’s list of Section 10 navigable waters list, DO NOT USE THIS FORM TO MAKE THE DETERMINATION. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Section 10 RHA navigability determination.

B. CLEAN WATER ACT (CWA) SECTION 404 DETERMINATION OF JURISDICTION: “waters of the U.S.” within CWA jurisdiction (as defined by 33 CFR part 328.3) in the review area. Check all that apply.

☐ (a)(1): All waters which are currently used, were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide. (Traditional Navigable Waters or TNW).

- **Complete Spreadsheet Tab “(a)(1)” - Required**

☐ This JD includes a case-specific (a)(1) TNW (Section 404 navigable-in-fact) determination on a water that has not previously been designated as such. Documentation required for this case-specific (a)(1) TNW determination is attached.

☐ (a)(2): All interstate waters, including interstate wetlands.

- **Complete Spreadsheet Tab “(a)(2)” - Required**

☐ (a)(3): The territorial seas.

- **Complete Spreadsheet Tab “(a)(3)” - Required**

☐ (a)(4): All impoundments of waters otherwise identified as waters of the U.S. under 33 CFR part 328.3.

- **Complete Spreadsheet Tab “(a)(4)” - Required**

☐ (a)(5): All tributaries, as defined in 33 CFR part 328.3, of waters identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

- **Complete Spreadsheet Tab “(a)(5)” - Required**

☐ (a)(6): All waters adjacent to a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3, including wetlands, ponds, lakes, oxbows, impoundments, and similar waters.

- **Complete Spreadsheet Tab “(a)(6)” - Required**

☐ Bordering/Contiguous.

Neighboring:

☐ (c)(2)(i): All waters located within 100 feet of the ordinary high water mark (OHWM) of a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3.

☐ (c)(2)(ii): All waters located within the 100-year floodplain of a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3 and not more than 1,500 feet of the OHWM of such water.

☐ (c)(2)(iii): All waters located within 1,500 feet of the high tide line of a water identified in paragraphs (a)(1) or (a)(3) of 33 CFR part 328.3, and all waters within 1,500 feet of the OHWM of the Great Lakes.

☐ (a)(7): All waters identified in 33 CFR 328.3(a)(7)(i)-(v) where they are determined, on a case-specific basis, to have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

- **Complete Spreadsheet Tab “(a)(7)” for the significant nexus determination. Attach a map delineating the SPOE watershed boundary with (a)(7) waters identified in the similarly situated analysis. – Required**

☐ Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus analysis.

☐ (a)(8): All waters located within the 100-year floodplain of a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3 not covered by (c)(2)(ii) above and all waters located within 4,000 feet of the high tide line or OHWM of a water identified in paragraphs (a)(1)-(a)(5) of 33 CFR part 328.3 where they are determined on a case-specific basis to have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

- **Complete Spreadsheet Tab “(a)(8)” for the significant nexus determination. Attach a map delineating the SPOE watershed boundary with (a)(8) waters identified in the similarly situated analysis. – Required**

☐ Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus analysis.

C. NON-WATERS OF THE U.S. FINDINGS:

Check all that apply.

☐ The review area is comprised entirely of dry land.

- ☐ Potential-(a)(7) Waters: Waters that DO NOT have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

• **Complete Spreadsheet Tab “NonWaters-No SigNex”. Attach a map delineating the SPOE watershed boundary with potential (a)(7) waters identified in the similarly situated analysis. – Required**

☐ Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus analysis.

- ☐ Potential-(a)(8) Waters: Waters that DO NOT have a significant nexus to a water identified in paragraphs (a)(1)-(a)(3) of 33 CFR part 328.3.

• **Complete Spreadsheet Tab “NonWaters-No SigNex”. Attach a map delineating the SPOE watershed boundary with potential (a)(8) waters identified in the similarly situated analysis. – Required**

☐ Includes water(s) that are geographically and physically adjacent per (a)(6), but are being used for established, normal farming, silviculture, and ranching activities (33 USC Section 1344(f)(1)) and therefore are not adjacent and require a case-specific significant nexus analysis.

- ☒ Excluded Waters (Non-Waters of U.S.), even where they otherwise meet the terms of paragraphs (a)(4)-(a)(8):

• **Complete Spreadsheet Tab “NonWaters-Excluded” - Required**

☐ (b)(1): Waste treatment systems, including treatment ponds or lagoons designed to meet the requirements of the CWA.

☐ (b)(2): Prior converted cropland.

☒ (b)(3)(i): Ditches with ephemeral flow that are not a relocated tributary or excavated in a tributary.

☐ (b)(3)(ii): Ditches with intermittent flow that are not a relocated tributary, excavated in a tributary, or drain wetlands.

☐ (b)(3)(iii): Ditches that do not flow, either directly or through another water, into a water identified in paragraphs (a)(1)-(a)(3).

☐ (b)(4)(i): Artificially irrigated areas that would revert to dry land should application of water to that area cease.

☐ (b)(4)(ii): Artificial, constructed lakes and ponds created in dry land such as farm and stock watering ponds, irrigation ponds, settling basins, fields flooded for rice growing, log cleaning ponds, or cooling ponds.

☐ (b)(4)(iii): Artificial reflecting pools or swimming pools created in dry land.¹

☐ (b)(4)(iv): Small ornamental waters created in dry land.¹

☐ (b)(4)(v): Water-filled depressions created in dry land incidental to mining or construction activity, including pits excavated for obtaining fill, sand, or gravel that fill with water.

☐ (b)(4)(vi): Erosional features, including gullies, rills, and other ephemeral features that do not meet the definition of tributary, non-wetland swales, and lawfully constructed grassed waterways.¹

☐ (b)(4)(vii): Puddles.¹

☐ (b)(5): Groundwater, including groundwater drained through subsurface drainage systems.¹

☒ (b)(6): Stormwater control features constructed to convey, treat, or store stormwater that are created in dry land.¹

☐ (b)(7): Wastewater recycling structures created in dry land; detention and retention basins built for wastewater recycling; groundwater recharge basins; percolation ponds built for wastewater recycling; and water distributary structures built for wastewater recycling.

- ☒ Other non-jurisdictional waters/features within review area that do not meet the definitions in 33 CFR 328.3 of (a)(1)-(a)(8) waters and are not excluded waters identified in (b)(1)-(b)(7).

• **Complete Spreadsheet Tab “NonWaters-Other” - Required**

D. ADDITIONAL COMMENTS TO SUPPORT JD: The review area for this determination is limited to the boundaries of 104 roadside ditches labeled as WD-276, WD-1, WD-269, WD-68, WD-67, WD-6, WD-66, WD-7, WD-267, WD-64, WD-63, WD-8, WD-265, WD-61, WD-263, WD-60, WD-14, WD-39, WD-38, WD-259, WD-258, WD-257, WD-256, WD-255, WD-28, WD-71, WD-253, WD-73, WD-250, WD-248, WD-43, WD-75, WD-246, WD-76, WD-45, WD-46, WD-77, WD-243, WD-47, WD-78, WD-241, WD-239, WD-79, WD-48, WD-235, WD-234, WD-100, WD-231, WD-102, WD-51, WD-103, WD-52, WD-105, WD-53, WD-226, WD-131, WD-132, WD-225, WD-55, WD-57, WD-224, WD-58, WD-221, WD-220, WD-59, WD-218, WD-217, WD-138, WD-139, WD-83, WD-216, WD-89, WD-211, WD-92, WD-210, WD-94, WD-207, WD-144, WD-97, WD-111, WD-147, WD-112, WD-148, WD-114, WD-161, WD-162, WD-201, WD-164, WD-165, WD-115, WD-166, WD-167, WD-198, WD-168, WD-169, WD-116, WD-197, WD-117, WD-178, WD-174, WD-196, WD-172, WD-171, and WD-170; one stormwater control feature labeled as WD-245; and, three other non-jurisdictional waters/features labeled as WL-18, WD-84, and WD-215 on the attached figures and tables labeled MVP-2018-02043-BGO MnDOT SP 4680-129/TH 90 AJD Attachments, Pages 1-49 of 49. All of the labels for these aquatic resources are also highlighted in yellow on the attached figures. The total area of non-jurisdictional waters/features is approximately 59.48 acres.

¹ In many cases these excluded features will not be specifically identified on the approved JD form, unless specifically requested. Corps Districts may, in case-by-case instances, choose to identify some or all of these features within the review area.

The ditches are constructed features that are not relocated tributaries, are not excavated in a tributary, and do not convey perennial or intermittent flow. This was confirmed by reviewing aerial photography, national hydrography data, and the wetland delineation report dated September 19, 2017. Based on this review, the evaluated ditches are not jurisdictional under the 2015 Clean Water Rule because they meet the terms of paragraph (b)(3)(i).

WD-245 is located within the westbound interchange ramps of Interstate 90 (I-90) and County Road 1 (320th Avenue), which were constructed in dryland by the Minnesota Department of Transportation (MnDOT) in the 1960's to convey, treat, or store stormwater along I-90. This was confirmed by reviewing aerial photography and topographic maps from 1938-1968 and soil survey data which shows the stormwater control feature was constructed in dryland and areas that were previously disturbed by a small farmstead. Based on this review, the evaluated stormwater control feature is not jurisdictional under the 2015 Clean Water Rule because it meets the terms of paragraph (b)(6).

WL-18, WD-84, and WD-245 are not located within the 100-year floodplain of an (a)(1)-(a)(3) water and are not located within 4,000 feet of the ordinary high water mark of an (a)(1)-(a)(5) water. This was confirmed by reviewing aerial photography, national hydrography data, and the wetland delineation report dated September 19, 2017. Based on this review, the evaluated waters/features are not jurisdictional under the 2015 Clean Water Rule because they do not meet the definitions in 33 CFR 328.3 of (a)(1)-(a)(8) waters and are not excluded waters identified in paragraphs (b)(1)-(b)(7).

Waters_Name	Cowardin_Code	HGM_Code	Meas_Type	Amount	Units	Waters_Type	Latitude	Longitude	Local_Waterway
WD-276	PEM		Area	0.05	ACRE	EXCLDB3I	43.6799	-94.4481	
WD-1	PEM		Area	0.01	ACRE	EXCLDB3I	43.6788	-94.448	
WD-269	PEM		Area	1	ACRE	EXCLDB3I	43.6795	-94.4403	
WD-68	PEM		Area	0.1	ACRE	EXCLDB3I	43.6793	-94.4418	
WD-67	PEM		Area	0.21	ACRE	EXCLDB3I	43.679	-94.439	
WD-6	PEM		Area	0.48	ACRE	EXCLDB3I	43.6788	-94.4408	
WD-66	PEM		Area	0.33	ACRE	EXCLDB3I	43.6778	-94.4353	
WD-7	PEM		Area	0.06	ACRE	EXCLDB3I	43.6767	-94.4337	
WD-267	PEM		Area	1.7	ACRE	EXCLDB3I	43.6751	-94.4291	
WD-64	PEM		Area	0.2	ACRE	EXCLDB3I	43.6746	-94.429	
WD-63	PEM		Area	0.13	ACRE	EXCLDB3I	43.6737	-94.4267	
WD-8	PEM		Area	0.19	ACRE	EXCLDB3I	43.6734	-94.4266	
WD-265	PEM		Area	0.01	ACRE	EXCLDB3I	43.6728	-94.4201	
WD-61	PEM		Area	0.11	ACRE	EXCLDB3I	43.6708	-94.4113	
WD-263	PEM		Area	0.64	ACRE	EXCLDB3I	43.6709	-94.4096	
WD-60	PEM		Area	0.17	ACRE	EXCLDB3I	43.6706	-94.4095	
WD-14	PEM		Area	0.82	ACRE	EXCLDB3I	43.6704	-94.409	
WD-39	PEM		Area	0.37	ACRE	EXCLDB3I	43.6706	-94.4057	
WD-38	PEM		Area	0.28	ACRE	EXCLDB3I	43.6706	-94.4014	
WD-259	PEM		Area	0.4	ACRE	EXCLDB3I	43.671	-94.3962	
WD-258	PEM		Area	0.87	ACRE	EXCLDB3I	43.671	-94.3925	
WD-257	PEM		Area	1.36	ACRE	EXCLDB3I	43.6709	-94.3845	
WD-256	PEM		Area	1.52	ACRE	EXCLDB3I	43.6707	-94.3766	
WD-255	PEM		Area	0.13	ACRE	EXCLDB3I	43.6706	-94.372	
WD-28	PEM		Area	0.03	ACRE	EXCLDB3I	43.67	-94.3717	
WD-71	PEM		Area	0.3	ACRE	EXCLDB3I	43.6703	-94.3699	
WD-253	PEM		Area	0.29	ACRE	EXCLDB3I	43.6706	-94.3673	
WD-73	PEM		Area	0.24	ACRE	EXCLDB3I	43.6703	-94.3633	
WD-250	PEM		Area	0.01	ACRE	EXCLDB3I	43.6706	-94.3615	
WD-248	PEM		Area	0.12	ACRE	EXCLDB3I	43.6706	-94.3586	
WD-43	PEM		Area	0.01	ACRE	EXCLDB3I	43.67	-94.3586	
WD-75	PEM		Area	0.29	ACRE	EXCLDB3I	43.6703	-94.3563	
WD-246	PEM		Area	0.48	ACRE	EXCLDB3I	43.6706	-94.3537	
WD-76	PEM		Area	0.2	ACRE	EXCLDB3I	43.6703	-94.3525	
WD-45	PEM		Area	0.01	ACRE	EXCLDB3I	43.6697	-94.3507	
WD-245	PEM		Area	1.21	ACRE	EXCLDB6	43.6706	-94.3465	
WD-46	PEM		Area	0.74	ACRE	EXCLDB3I	43.6699	-94.3461	
WD-77	PEM		Area	0.55	ACRE	EXCLDB3I	43.6697	-94.3438	
WD-243	PEM		Area	2.85	ACRE	EXCLDB3I	43.669	-94.3408	
WD-47	PEM		Area	2.27	ACRE	EXCLDB3I	43.6678	-94.3393	
WD-78	PEM		Area	0.77	ACRE	EXCLDB3I	43.6671	-94.3362	
WD-241	PEM		Area	0.13	ACRE	EXCLDB3I	43.6667	-94.331	
WD-239	PEM		Area	2.03	ACRE	EXCLDB3I	43.6667	-94.3242	
WD-79	PEM		Area	0.83	ACRE	EXCLDB3I	43.6664	-94.3225	
WD-48	PEM		Area	3.42	ACRE	EXCLDB3I	43.6661	-94.3176	
WD-235	PEM		Area	1.15	ACRE	EXCLDB3I	43.6667	-94.3161	
WD-234	PEM		Area	0.07	ACRE	EXCLDB3I	43.6667	-94.3121	
WD-100	PEM		Area	0.27	ACRE	EXCLDB3I	43.6664	-94.314	
WD-231	PEM		Area	0.05	ACRE	EXCLDB3I	43.6668	-94.3079	
WD-102	PEM		Area	0.34	ACRE	EXCLDB3I	43.6665	-94.3058	
WD-51	PEM		Area	0.01	ACRE	EXCLDB3I	43.6661	-94.3033	
WD-103	PEM		Area	0.47	ACRE	EXCLDB3I	43.6664	-94.2993	
WD-52	PEM		Area	1.03	ACRE	EXCLDB3I	43.6661	-94.2969	
WD-105	PEM		Area	0.25	ACRE	EXCLDB3I	43.6664	-94.2901	
WD-53	PEM		Area	0.11	ACRE	EXCLDB3I	43.6661	-94.2877	
WD-226	PEM		Area	1.11	ACRE	EXCLDB3I	43.6666	-94.2839	
WD-131	PEM		Area	0.07	ACRE	EXCLDB3I	43.6663	-94.2782	
WD-132	PEM		Area	0.15	ACRE	EXCLDB3I	43.6663	-94.2764	
WD-225	PEM		Area	2.31	ACRE	EXCLDB3I	43.6665	-94.2699	
WD-55	PEM		Area	1.51	ACRE	EXCLDB3I	43.666	-94.2732	
WD-57	PEM		Area	0.45	ACRE	EXCLDB3I	43.6659	-94.2642	
WD-224	PEM		Area	0.01	ACRE	EXCLDB3I	43.6664	-94.2621	
WD-58	PEM		Area	1.2	ACRE	EXCLDB3I	43.6659	-94.2584	
WD-221	PEM		Area	0.14	ACRE	EXCLDB3I	43.6664	-94.2547	
WD-220	PEM		Area	0.21	ACRE	EXCLDB3I	43.6664	-94.2531	
WD-59	PEM		Area	0.01	ACRE	EXCLDB3I	43.6658	-94.2527	
WD-218	PEM		Area	0.02	ACRE	EXCLDB3I	43.6664	-94.248	

Aquatic Resources

WD-217	PEM		Area	0.86	ACRE	EXCLDB3I	43.6665	-94.243	
WD-138	PEM		Area	0.07	ACRE	EXCLDB3I	43.6662	-94.2439	
WD-139	PEM		Area	0.36	ACRE	EXCLDB3I	43.6663	-94.2391	
WD-83	PEM		Area	1.58	ACRE	EXCLDB3I	43.666	-94.235	
WD-216	PEM		Area	1.17	ACRE	EXCLDB3I	43.6667	-94.2336	
WD-89	PEM		Area	0.02	ACRE	EXCLDB3I	43.666	-94.2186	
WD-211	PEM		Area	0.75	ACRE	EXCLDB3I	43.6666	-94.2112	
WD-92	PEM		Area	0.3	ACRE	EXCLDB3I	43.6659	-94.2126	
WD-210	PEM		Area	0.01	ACRE	EXCLDB3I	43.6665	-94.2075	
WD-94	PEM		Area	0.01	ACRE	EXCLDB3I	43.666	-94.2075	
WD-207	PEM		Area	0.02	ACRE	EXCLDB3I	43.6665	-94.1998	
WD-144	PEM		Area	0.35	ACRE	EXCLDB3I	43.6662	-94.1974	
WD-97	PEM		Area	0.03	ACRE	EXCLDB3I	43.6659	-94.2004	
WD-111	PEM		Area	0.68	ACRE	EXCLDB3I	43.666	-94.1914	
WD-147	PEM		Area	0.46	ACRE	EXCLDB3I	43.6662	-94.1814	
WD-112	PEM		Area	0.63	ACRE	EXCLDB3I	43.666	-94.1851	
WD-148	PEM		Area	0.08	ACRE	EXCLDB3I	43.6662	-94.1763	
WD-114	PEM		Area	0.93	ACRE	EXCLDB3I	43.6659	-94.1745	
WD-161	PEM		Area	0.06	ACRE	EXCLDB3I	43.6662	-94.1732	
WD-162	PEM		Area	0.01	ACRE	EXCLDB3I	43.6662	-94.1718	
WD-201	PEM		Area	0.57	ACRE	EXCLDB3I	43.6665	-94.1745	
WD-164	PEM		Area	0.02	ACRE	EXCLDB3I	43.6662	-94.1692	
WD-165	PEM		Area	0.02	ACRE	EXCLDB3I	43.6662	-94.1692	
WD-115	PEM		Area	1.12	ACRE	EXCLDB3I	43.6659	-94.1671	
WD-166	PEM		Area	0.22	ACRE	EXCLDB3I	43.6662	-94.1667	
WD-167	PEM		Area	0.04	ACRE	EXCLDB3I	43.6662	-94.1649	
WD-198	PEM		Area	0.41	ACRE	EXCLDB3I	43.6665	-94.1602	
WD-168	PEM		Area	0.02	ACRE	EXCLDB3I	43.6662	-94.161	
WD-169	PEM		Area	0.07	ACRE	EXCLDB3I	43.6662	-94.1594	
WD-116	PEM		Area	0.61	ACRE	EXCLDB3I	43.6659	-94.1604	
WD-197	PEM		Area	0.55	ACRE	EXCLDB3I	43.6665	-94.1555	
WD-117	PEM		Area	1.97	ACRE	EXCLDB3I	43.6659	-94.1496	
WD-178	PEM		Area	0.06	ACRE	EXCLDB3I	43.6662	-94.1521	
WD-174	PEM		Area	0.31	ACRE	EXCLDB3I	43.6662	-94.1496	
WD-196	PEM		Area	1.41	ACRE	EXCLDB3I	43.6664	-94.1466	
WD-172	PEM		Area	0.14	ACRE	EXCLDB3I	43.6661	-94.1434	
WD-171	PEM		Area	0.29	ACRE	EXCLDB3I	43.666	-94.1414	
WD-170	PEM		Area	0.34	ACRE	EXCLDB3I	43.6659	-94.1377	
WL-18	PEM		Area	1.41	ACRE	OTHERDIST	43.6667	-94.2387	
WD-84	PEM		Area	1.74	ACRE	OTHERDIST	43.666	-94.2279	
WD-215	PEM		Area	0.92	ACRE	OTHERDIST	43.6667	-94.2277	

Excluded Waters or Features

EXCLUDED WATERS OR FEATURES		
(b) Excluded Feature/Water Name	(b) Exclusion Criteria	Rationale for (b) Excluded feature and Additional Discussion.
WD-276	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-276 is approximately 0.05 acre in size and is shown on Page 17 of 49.
WD-1	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-1 is approximately 0.01 acre in size and is shown on Page 18 of 49.
WD-269	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-269 is approximately 1.00 acre in size and is shown on Pages 17 and 19 of 49.
WD-68	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-68 is approximately 0.10 acre in size and is shown on Pages 17 and 19 of 49.
WD-67	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-67 is approximately 0.21 acre in size and is shown on Pages 19 of 49.
WD-6	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-6 is approximately 0.48 acre in size and is shown on Pages 18-19 of 49.
WD-66	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-66 is approximately 0.33 acre in size and is shown on Page 19 of 49.
WD-7	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-7 is approximately 0.06 acre in size and is shown on Page 19 of 49.

Excluded Waters or Features

WD-267	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-267 is approximately 1.70 acres in size and is shown on Pages 19-20 of 49.
WD-64	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-64 is approximately 0.20 acre in size and is shown on Page 20 of 49.
WD-63	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-63 is approximately 0.13 acre in size and is shown on Page 20 of 49.
WD-8	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-8 is approximately 0.19 acre in size and is shown on Page 20 of 49.
WD-265	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-265 is approximately 0.01 acre in size and is shown on Page 21 of 49.
WD-61	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-61 is approximately 0.11 acre in size and is shown on Pages 21-22 of 49.
WD-263	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-263 is approximately 0.64 acre in size and is shown on Pages 21-22 of 49.
WD-60	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-60 is approximately 0.17 acre in size and is shown on Page 22 of 49.
WD-14	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-14 is approximately 0.82 acre in size and is shown on Pages 21-23 of 49.

Excluded Waters or Features

WD-39	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-39 is approximately 0.37 acre in size and is shown on Page 22 of 49.
WD-38	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-38 is approximately 0.28 acre in size and is shown on Page 22 of 49.
WD-259	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-259 is approximately 0.40 acre in size and is shown on Page 23 of 49.
WD-258	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-258 is approximately 0.87 acre in size and is shown on Page 23 of 49.
WD-257	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-257 is approximately 1.36 acres in size and is shown on Page 24 of 49.
WD-256	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-256 is approximately 1.52 acres in size and is shown on Pages 22-25 of 49.
WD-255	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-255 is approximately 0.13 acre in size and is shown on Page 25 of 49.
WD-28	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-28 is approximately 0.03 acre in size and is shown on Page 25 of 49.
WD-71	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-71 is approximately 0.30 acre in size and is shown on Page 25 of 49.

Excluded Waters or Features

WD-253	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-253 is approximately 0.29 acre in size and is shown on Page 25 of 49.
WD-73	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-73 is approximately 0.24 acre in size and is shown on Page 26 of 49.
WD-250	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-250 is approximately 0.01 acre in size and is shown on Page 26 of 49.
WD-248	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-248 is approximately 0.12 acre in size and is shown on Page 26 of 49.
WD-43	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-43 is approximately 0.01 acre in size and is shown on Page 26 of 49.
WD-75	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-75 is approximately 0.29 acre in size and is shown on Page 26 of 49.
WD-246	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-246 is approximately 0.48 acre in size and is shown on Pages 26-27 of 49.
WD-76	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-76 is approximately 0.20 acre in size and is shown on Page 27 of 49.
WD-45	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-45 is approximately 0.01 acre in size and is shown on Page 27 of 49.

Excluded Waters or Features

WD-245	(b)(6) Stormwater control features	WD-245 is a stormwater control feature that was constructed in dryland to convey, treat, or store stormwater along Interstate 90. WD-245 is approximately 1.21 acres in size and is shown on Pages 27-28 of 49.
WD-46	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-46 is approximately 0.74 acre in size and is shown on Pages 27-28 of 49.
WD-77	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-77 is approximately 0.55 acre in size and is shown on Pages 28-29 of 49.
WD-243	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-243 is approximately 2.85 acres in size and is shown on Pages 28-29 of 49.
WD-47	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-47 is approximately 2.27 acres in size and is shown on Pages 28-30 of 49.
WD-78	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-78 is approximately 0.77 acre in size and is shown on Pages 29-30 of 49.
WD-241	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-241 is approximately 0.13 acre in size and is shown on Page 30 of 49.
WD-239	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-239 is approximately 2.03 acres in size and is shown on Pages 30-31 of 49.
WD-79	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-79 is approximately 0.83 acre in size and is shown on Pages 30-31 of 49.

Excluded Waters or Features

WD-48	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-48 is approximately 3.42 acres in size and is shown on Pages 30-32 of 49.
WD-235	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-235 is approximately 1.15 acres in size and is shown on Page 31 of 49.
WD-234	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-234 is approximately 0.07 acre in size and is shown on Page 31 of 49.
WD-100	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-100 is approximately 0.27 acre in size and is shown on Page 31 of 49.
WD-231	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-231 is approximately 0.05 acre in size and is shown on Page 32 of 49.
WD-102	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-102 is approximately 0.34 acre in size and is shown on Page 32 of 49.
WD-51	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-51 is approximately 0.01 acre in size and is shown on Page 32 of 49.
WD-103	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-103 is approximately 0.47 acre in size and is shown on Pages 32-33 of 49.
WD-52	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-52 is approximately 1.03 acres in size and is shown on Page 33 of 49.

Excluded Waters or Features

WD-105	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-105 is approximately 0.25 acre in size and is shown on Pages 33-34 of 49.
WD-53	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-53 is approximately 0.11 acre in size and is shown on Page 34 of 49.
WD-226	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-226 is approximately 1.11 acres in size and is shown on Page 34 of 49.
WD-131	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-131 is approximately 0.07 acre in size and is shown on Page 35 of 49.
WD-132	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-132 is approximately 0.15 acre in size and is shown on Page 35 of 49.
WD-225	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-225 is approximately 2.31 acres in size and is shown on Page 35 of 49.
WD-55	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-55 is approximately 1.51 acres in size and is shown on Page 35 of 49.
WD-57	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-57 is approximately 0.45 acre in size and is shown on Page 36 of 49.
WD-224	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-224 is approximately 0.01 acre in size and is shown on Page 36 of 49.

Excluded Waters or Features

WD-58	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-58 is approximately 1.20 acres in size and is shown on Pages 36-37 of 49.
WD-221	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-221 is approximately 0.14 acre in size and is shown on Page 37 of 49.
WD-220	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-220 is approximately 0.21 acre in size and is shown on Page 37 of 49.
WD-59	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-59 is approximately 0.01 acre in size and is shown on Page 37 of 49.
WD-218	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-218 is approximately 0.02 acre in size and is shown on Page 37 of 49.
WD-217	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-217 is approximately 0.86 acre in size and is shown on Pages 37-38 of 49.
WD-138	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-138 is approximately 0.07 acre in size and is shown on Page 38 of 49.
WD-139	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-139 is approximately 0.36 acre in size and is shown on Page 38 of 49.
WD-83	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-83 is approximately 1.58 acres in size and is shown on Pages 38-39 of 49.

Excluded Waters or Features

WD-216	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-216 is approximately 1.17 acres in size and is shown on Page 39 of 49.
WD-89	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-89 is approximately 0.02 acre in size and is shown on Page 41 of 49.
WD-211	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-211 is approximately 0.75 acre in size and is shown on Pages 41-42 of 49.
WD-92	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-92 is approximately 0.30 acre in size and is shown on Page 41 of 49.
WD-210	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-210 is approximately 0.01 acre in size and is shown on Page 42 of 49.
WD-94	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-94 is approximately 0.01 acre in size and is shown on Page 42 of 49.
WD-207	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-207 is approximately 0.02 acre in size and is shown on Page 43 of 49.
WD-144	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-144 is approximately 0.35 acre in size and is shown on Page 43 of 49.
WD-97	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-97 is approximately 0.03 acre in size and is shown on Page 43 of 49.

Excluded Waters or Features

WD-111	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-111 is approximately 0.68 acre in size and is shown on Pages 43-44 of 49.
WD-147	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-147 is approximately 0.46 acre in size and is shown on Pages 44-45 of 49.
WD-112	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-112 is approximately 0.63 acre in size and is shown on Page 44 of 49.
WD-148	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-148 is approximately 0.08 acre in size and is shown on Page 45 of 49.
WD-114	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-114 is approximately 0.93 acre in size and is shown on Page 45 of 49.
WD-161	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-161 is approximately 0.06 acre in size and is shown on Page 45 of 49.
WD-162	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-162 is approximately 0.01 acre in size and is shown on Page 45 of 49.
WD-201	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-201 is approximately 0.57 acre in size and is shown on Page 45 of 49.
WD-164	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-164 is approximately 0.02 acre in size and is shown on Pages 45-46 of 49.

Excluded Waters or Features

WD-165	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-165 is approximately 0.02 acre in size and is shown on Page 46 of 49.
WD-115	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-115 is approximately 1.12 acres in size and is shown on Pages 45-46 of 49.
WD-166	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-166 is approximately 0.22 acre in size and is shown on Page 46 of 49.
WD-167	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-167 is approximately 0.04 acre in size and is shown on Page 46 of 49.
WD-198	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-198 is approximately 0.41 acre in size and is shown on Pages 46-47 of 49.
WD-168	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-168 is approximately 0.02 acre in size and is shown on Page 46 of 49.
WD-169	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-169 is approximately 0.07 acre in size and is shown on Page 46 of 49.
WD-116	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-116 is approximately 0.61 acre in size and is shown on Page 46-47 of 49.
WD-197	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-197 is approximately 0.55 acre in size and is shown on Page 47 of 49.

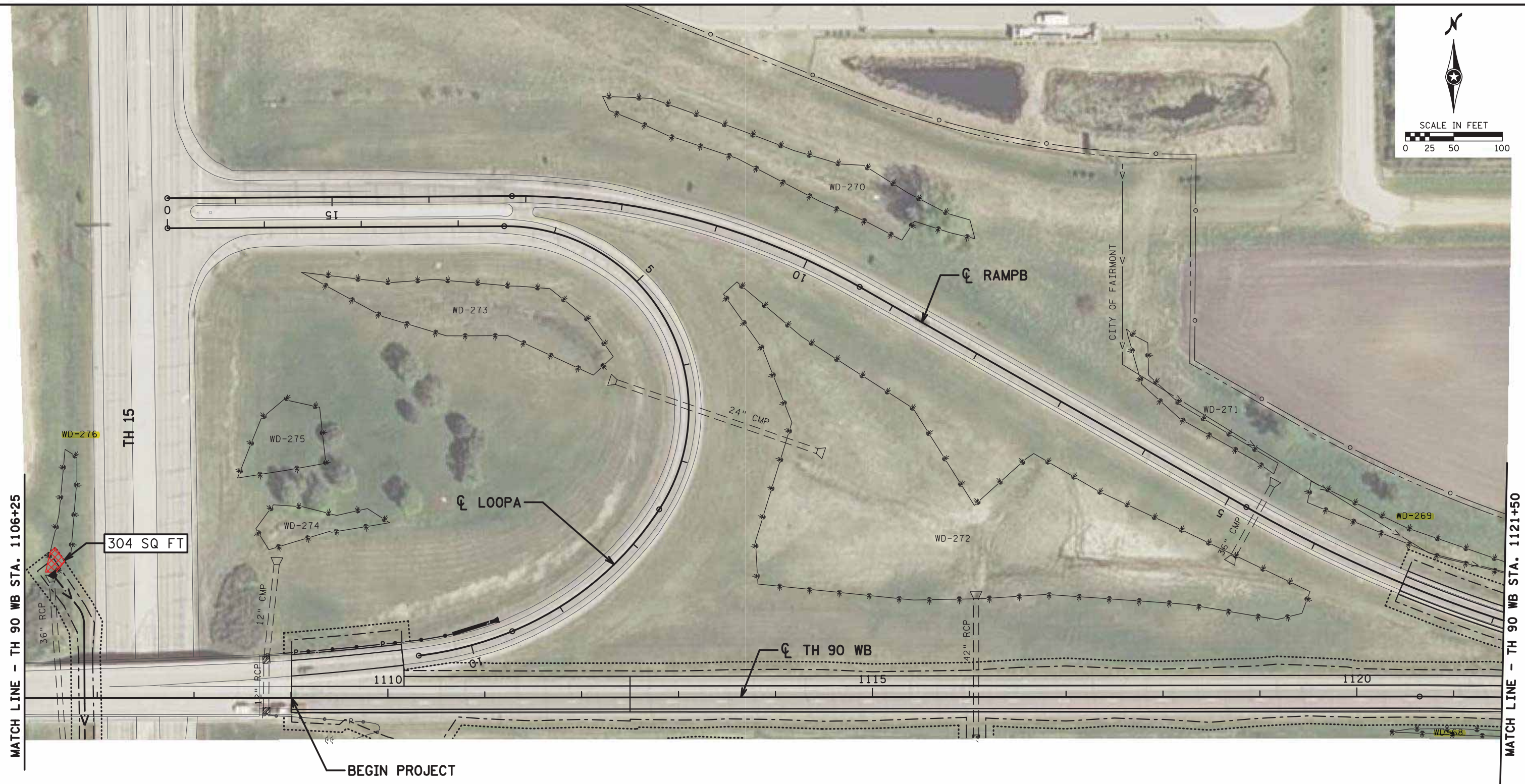
Excluded Waters or Features

WD-117	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-117 is approximately 1.97 acres in size and is shown on Pages 47-48 of 49.
WD-178	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-178 is approximately 0.06 acre in size and is shown on Page 47 of 49.
WD-174	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-174 is approximately 0.31 acre in size and is shown on Pages 47-48 of 49.
WD-196	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-196 is approximately 1.41 acres in size and is shown on Pages 47-48 of 49.
WD-172	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-172 is approximately 0.14 acre in size and is shown on Page 48 of 49.
WD-171	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-171 is approximately 0.29 acre in size and is shown on Page 48 of 49.
WD-170	(b)(3)(i) Ditch Type A-Ephemeral ditch that is not a relocated tributary or excavated in a tributary	Constructed feature that only exhibits ephemeral flow and is not a relocated tributary or excavated in a tributary. WD-170 is approximately 0.34 acre in size and is shown on Pages 48-49 of 49.

Other NonJurisdictional Waters/Features

OTHER NONJURISDICTIONAL WATERS/FEATURES		
Other NonWater of US Waters /Features	NonWaters/Other NJD Criteria	Rationale for NonWater of US/Feature and Additional Discussion
WL-18	Outside distance threshold or 100 yr floodplain	WL-18 is not located within the 100-year floodplain of an (a)(1)-(a)(3) water and is not located within 4,000 feet of the ordinary high water mark of an (a)(1)-(a)(5) water. The nearest potential (a)(1)-(a)(5) water to WL-18 is an unnamed tributary to Little Badger Creek, which is located approximately 6,500 feet to the south of WL-18. WL-18 is approximately 1.41 acres in size and is shown on Page 38 of 49.
WD-84	Outside distance threshold or 100 yr floodplain	WD-84 is not located within the 100-year floodplain of an (a)(1)-(a)(3) water and is not located within 4,000 feet of the ordinary high water mark of an (a)(1)-(a)(5) water. The nearest potential (a)(1)-(a)(5) water to WD-84 is an unnamed tributary to Little Badger Creek, which is located approximately 6,350 feet to the south of WD-84. WD-84 is approximately 1.74 acres is size and is shown on Page 39-40 of 49.
WD-215	Outside distance threshold or 100 yr floodplain	WD-215 is not located within the 100-year floodplain of an (a)(1)-(a)(3) water and is not located within 4,000 feet of the ordinary high water mark of an (a)(1)-(a)(5) water. The nearest potential (a)(1)-(a)(5) water to WD-215 is an unnamed tributary to Little Badger Creek, which is located approximately 6,600 feet to the south of WD-215. WD-215 is approximately 0.92 acre in size and is shown on Pages 39-40 of 49.

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









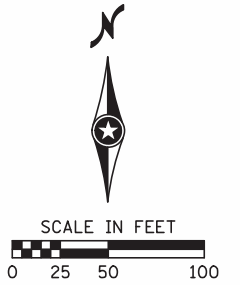
WETLAND IMPACTS LEGEND			
	DELINEATED WETLAND		TRIBUTARY IMPACT
	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		

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CHECKED BY:		PRINTED NAME: _____				LIC. NO. _____

DATE: 7/9/2018 TIME: 4:02:04 PM
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WETLAND IMPACTS LEGEND

- | | | | |
|---|--------------------------------|---|-------------------------------------|
|  | DELINEATED WETLAND |  | TRIBUTARY IMPACT |
|  | CONSTRUCTION LIMITS |  | PERMANENT WETLAND DITCH FILL IMPACT |
|  | LIMITS OF DISTURBANCE |  | PERMANENT WETLAND BASIN FILL IMPACT |
|  | TEMPORARY WETLAND DITCH IMPACT | | |
|  | TEMPORARY WETLAND BASIN IMPACT | | |

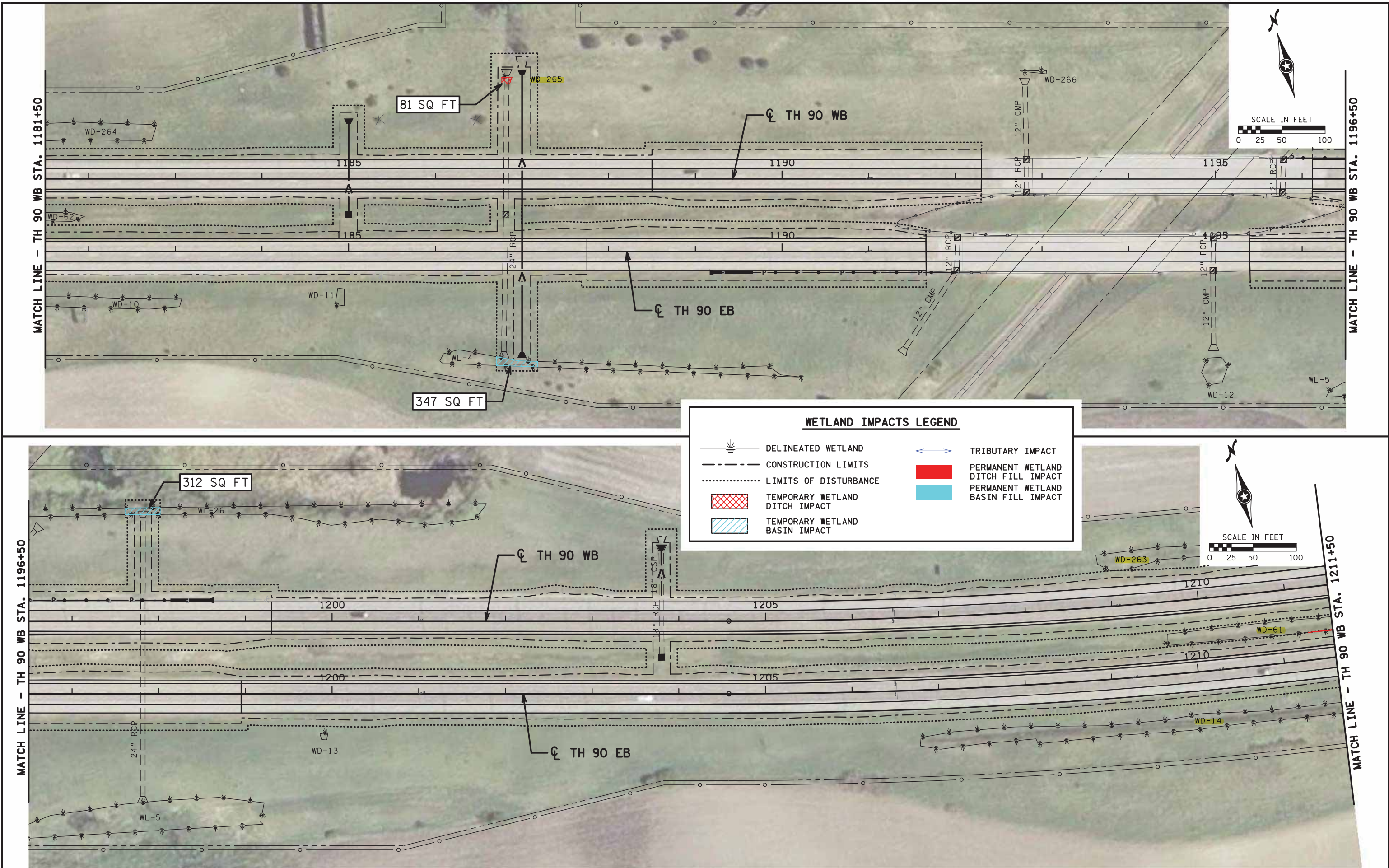


DRAWN BY:	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	SIGNATURE: _____			WETLAND IMPACTS TH 90 WB STA. 1106+50 TO STA. 1121+50	STATE PROJ. NO. 4680-129 (TH 90)
CHECKED BY:		PRINTED NAME: _____ DATE: _____ LIC. NO. _____				Sheet No. 2 of 33 Sheets



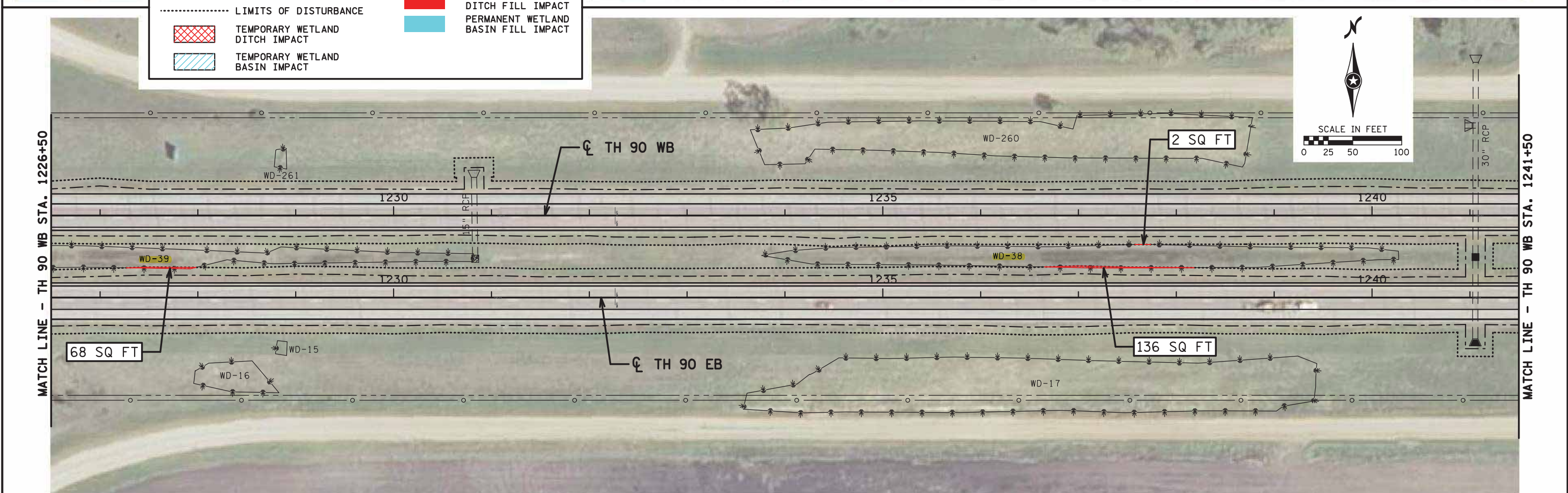
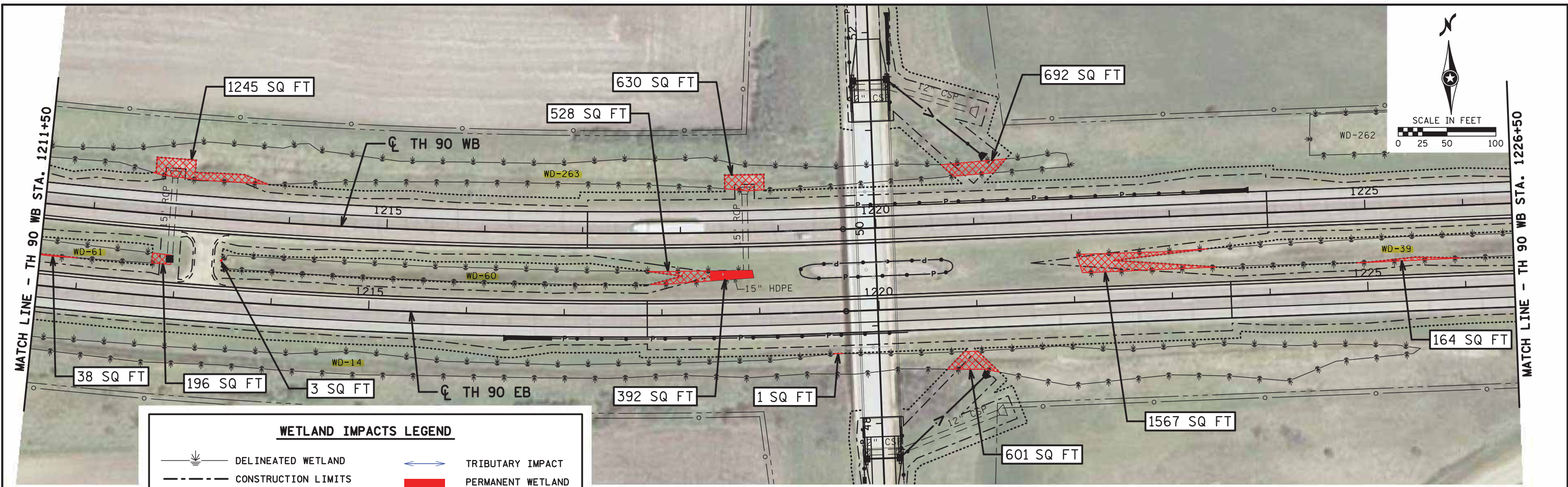
DRAWN BY:	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	SIGNATURE: _____			WETLAND IMPACTS TH 90 WB STA 1151+50 TO STA. 1181+50	STATE PROJ. NO. 4680-129 (TH 90)
CHECKED BY:		PRINTED NAME: _____ DATE: _____ LIC. NO. _____				Sheet No. 4 of 33 Sheets

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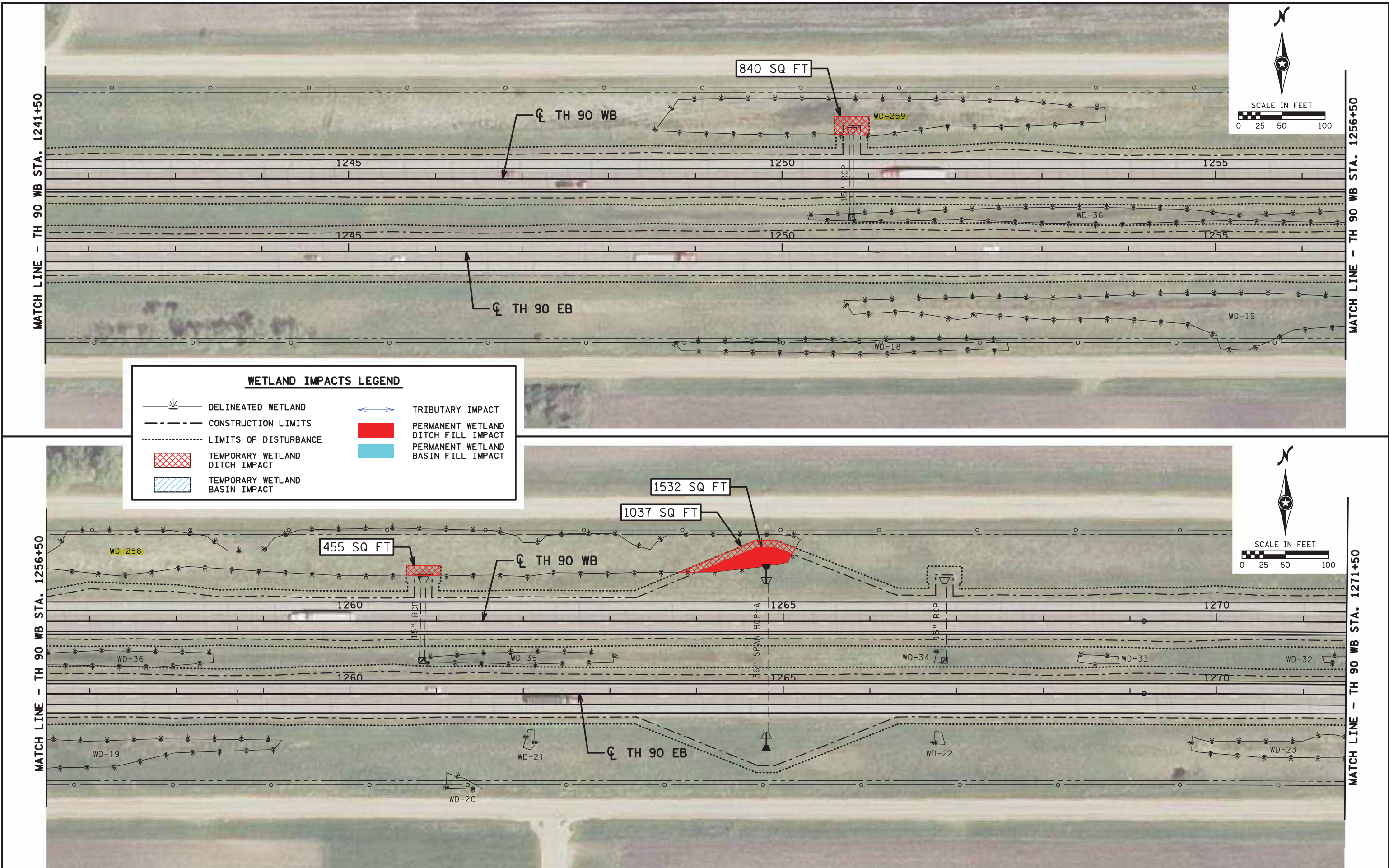
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CHECKED BY:		PRINTED NAME: _____ DATE: _____ LIC. NO. _____				

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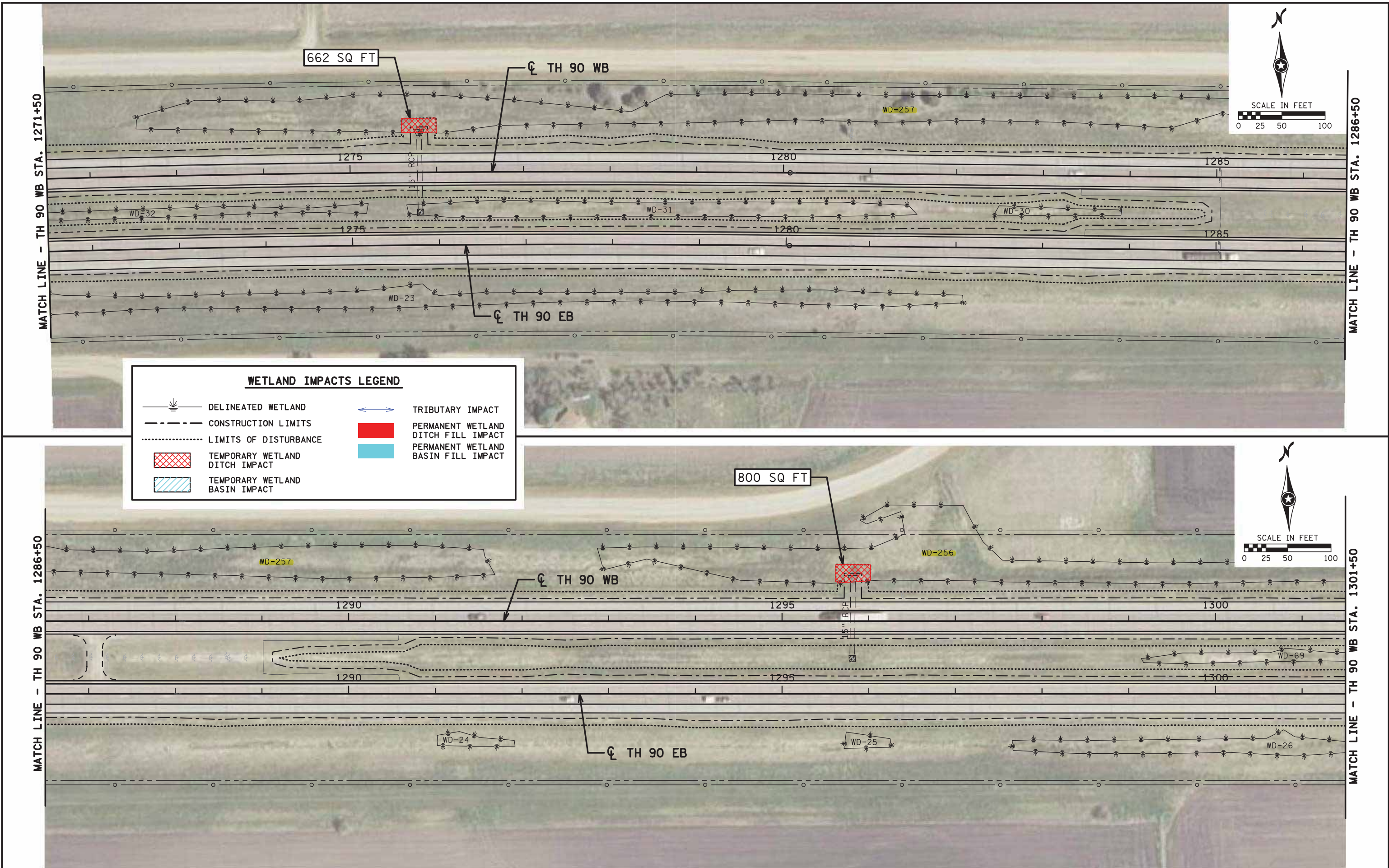
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CHECKED BY:	DATE: _____	PRINTED NAME: _____				

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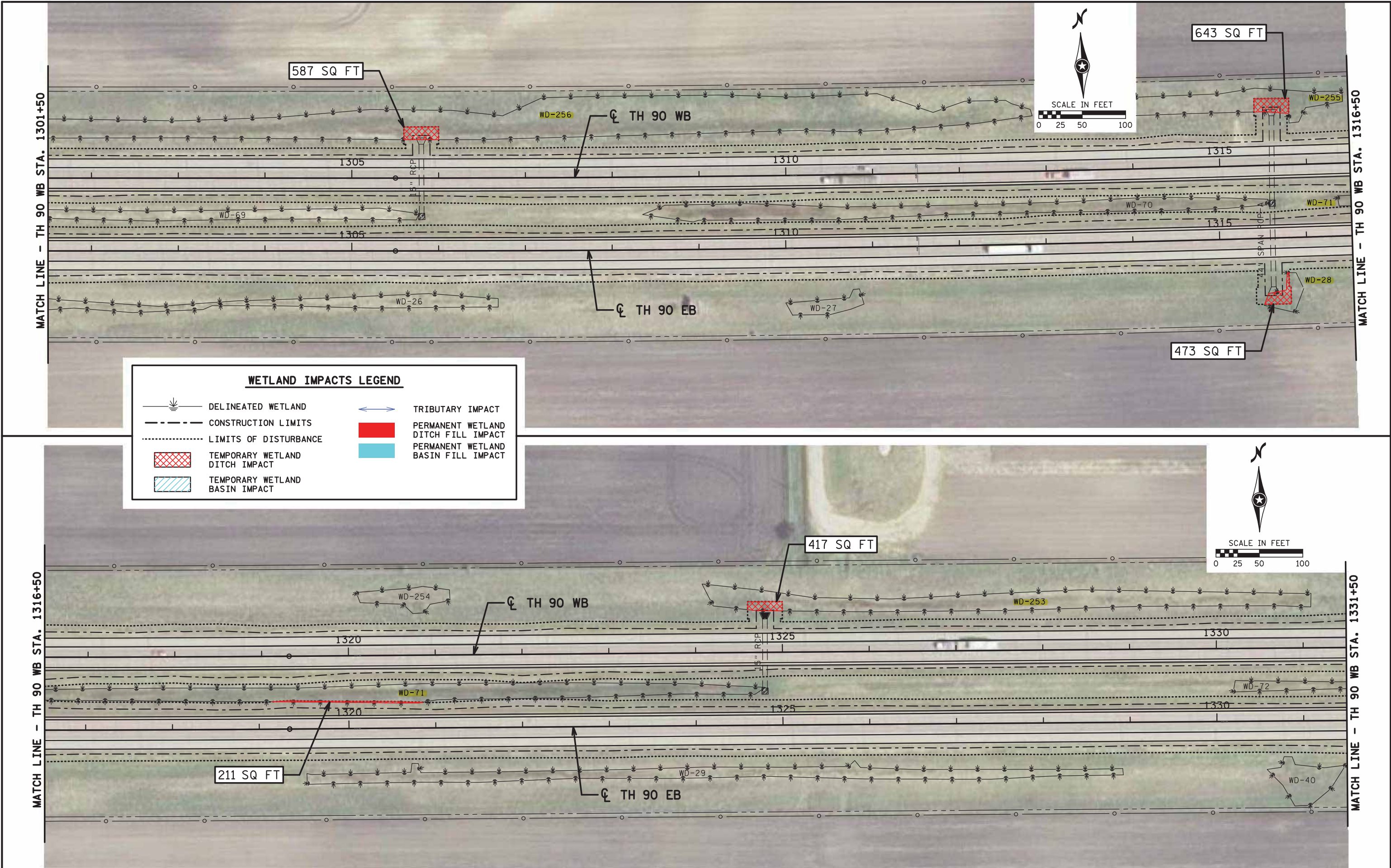


DRAWN BY:	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	SIGNATURE: _____ PRINTED NAME: _____ DATE: _____ LIC. NO. _____			WETLAND IMPACTS TH 90 WB STA 1241+50 TO STA. 1271+50	STATE PROJ. NO. 4680-129 (TH 90) Sheet No. 7 of 33 Sheets
CHECKED BY:						

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DATE: 7/9/2018 TIME: 4:02:41 PM
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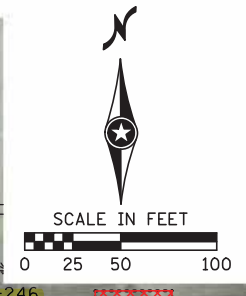
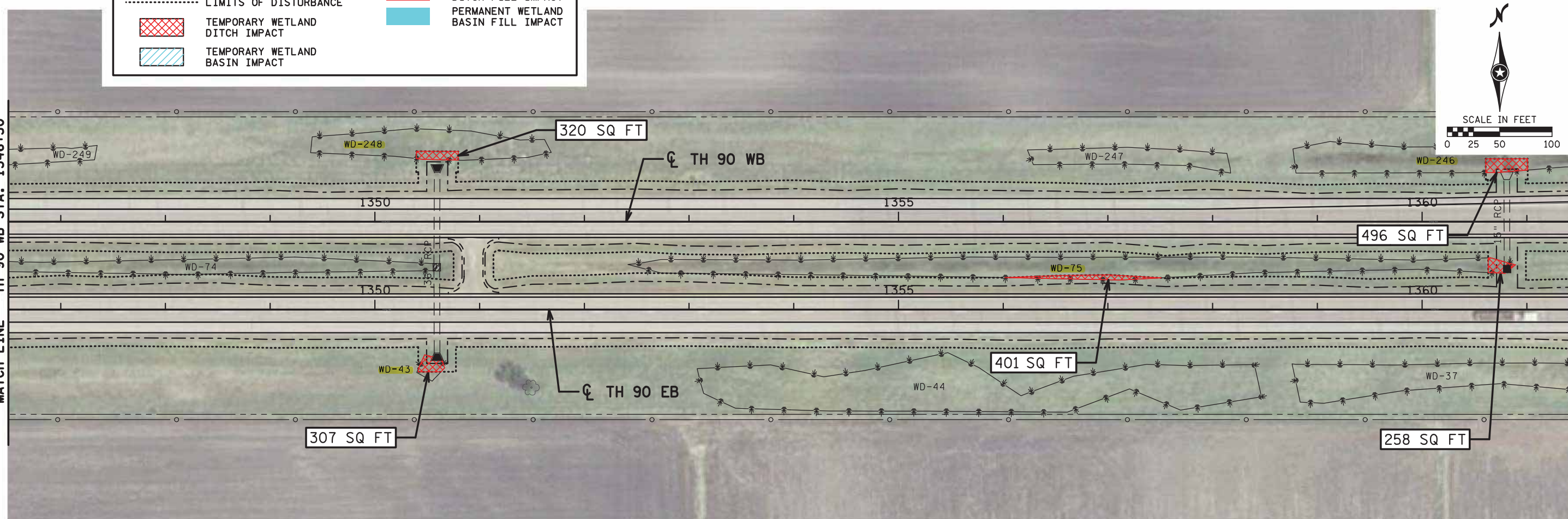
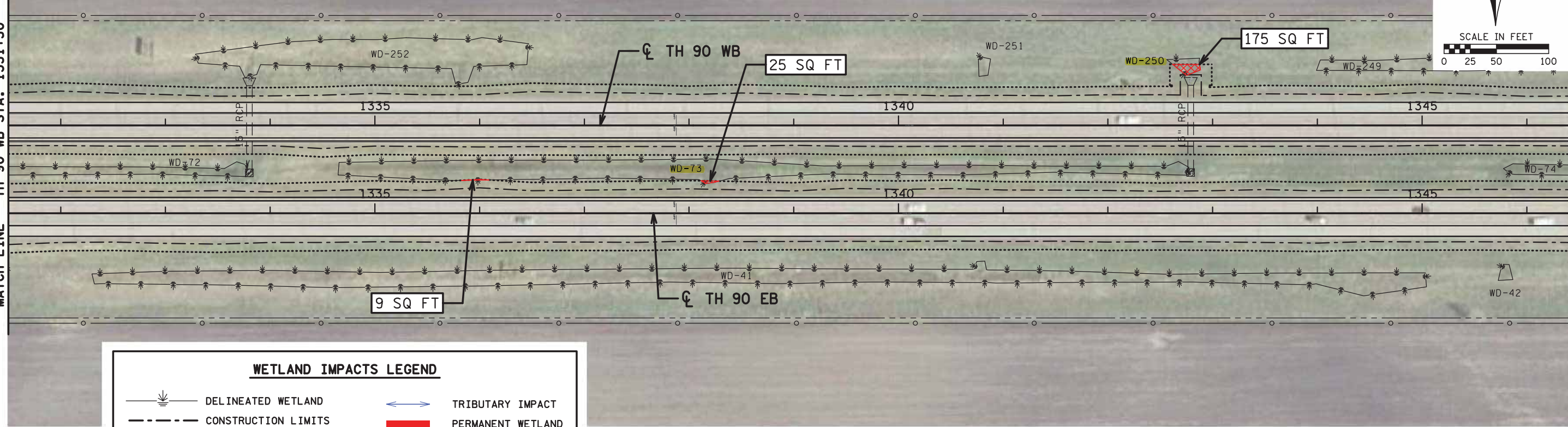
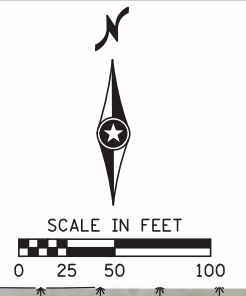
MATCH LINE - TH 90 WB STA. 1346+50

MATCH LINE - TH 90 WB STA. 1346+50

MATCH LINE - TH 90 WB STA. 1361+50

WETLAND IMPACTS LEGEND

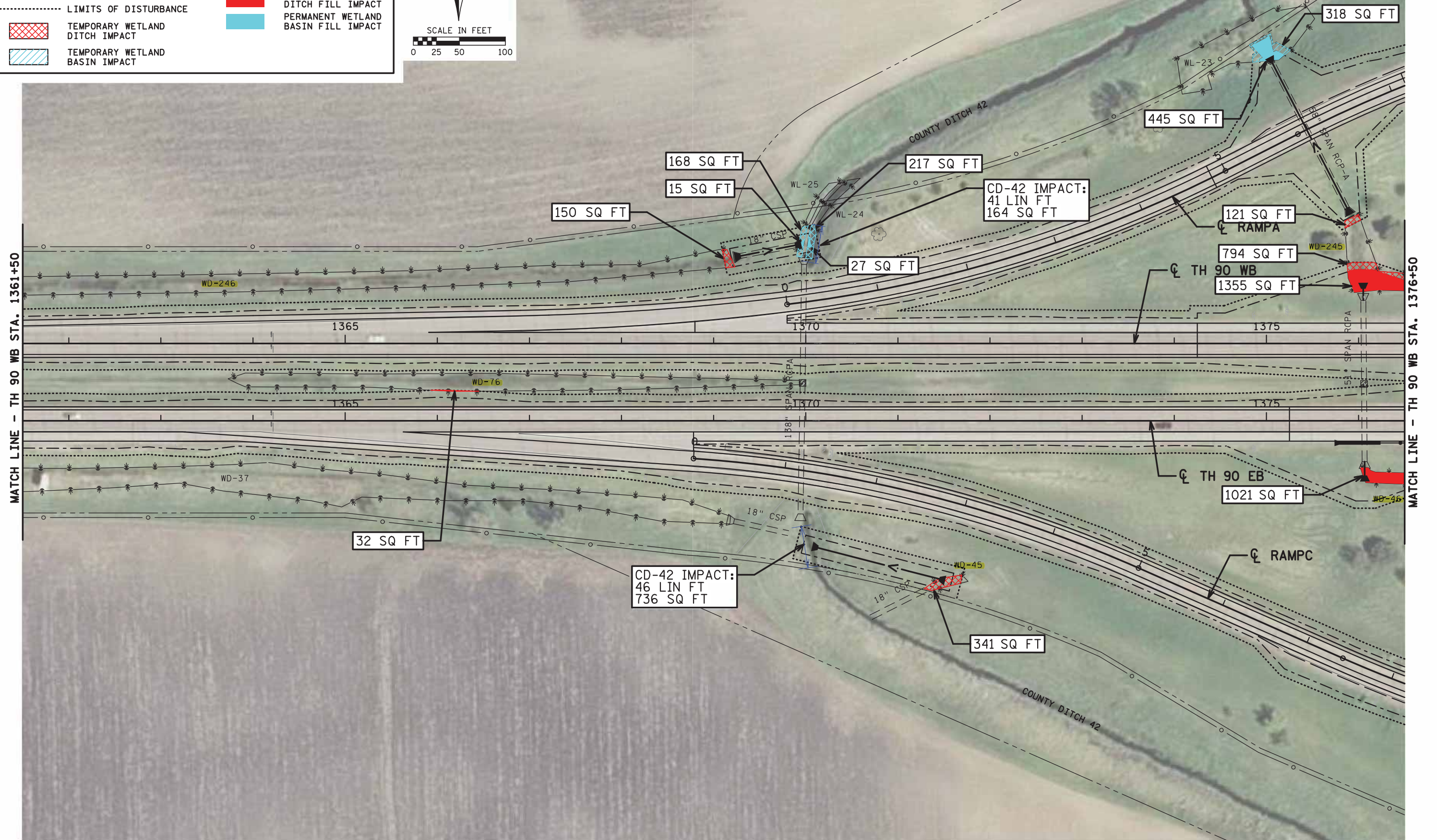
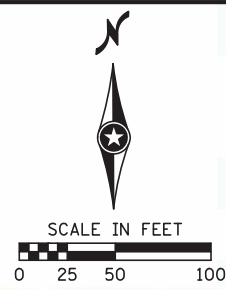
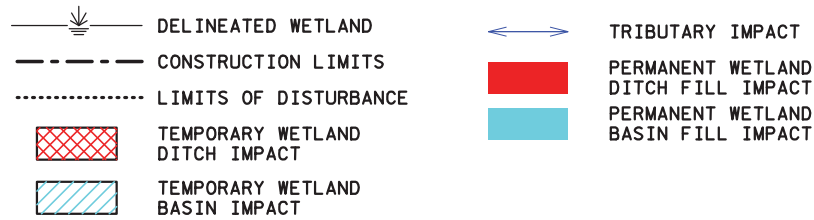
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	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		



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CHECKED BY:		PRINTED NAME: _____				LIC. NO. _____

DATE: 8/21/2018 TIME: 3:56:18 PM

WETLAND IMPACTS LEGEND



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UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE:

PRINTED NAME: _____

DATE:

LIC. NO.

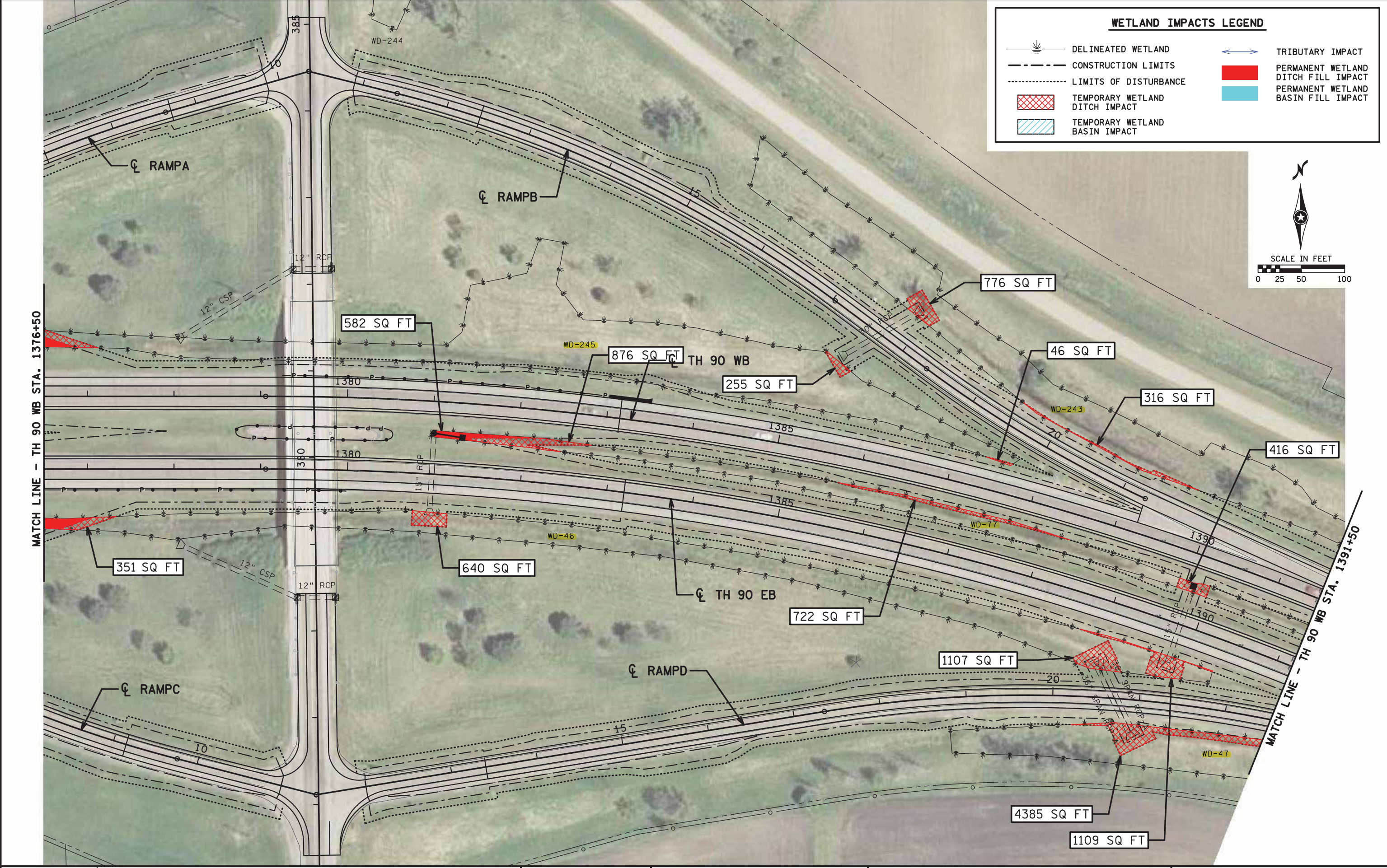


WETLAND IMPACTS
TH 90 WB STA 1361+50 TO STA.1376+50

STATE PROJ. NO. 4680-129 (TH 90)

Sheet No. 11 of 33 Sheets

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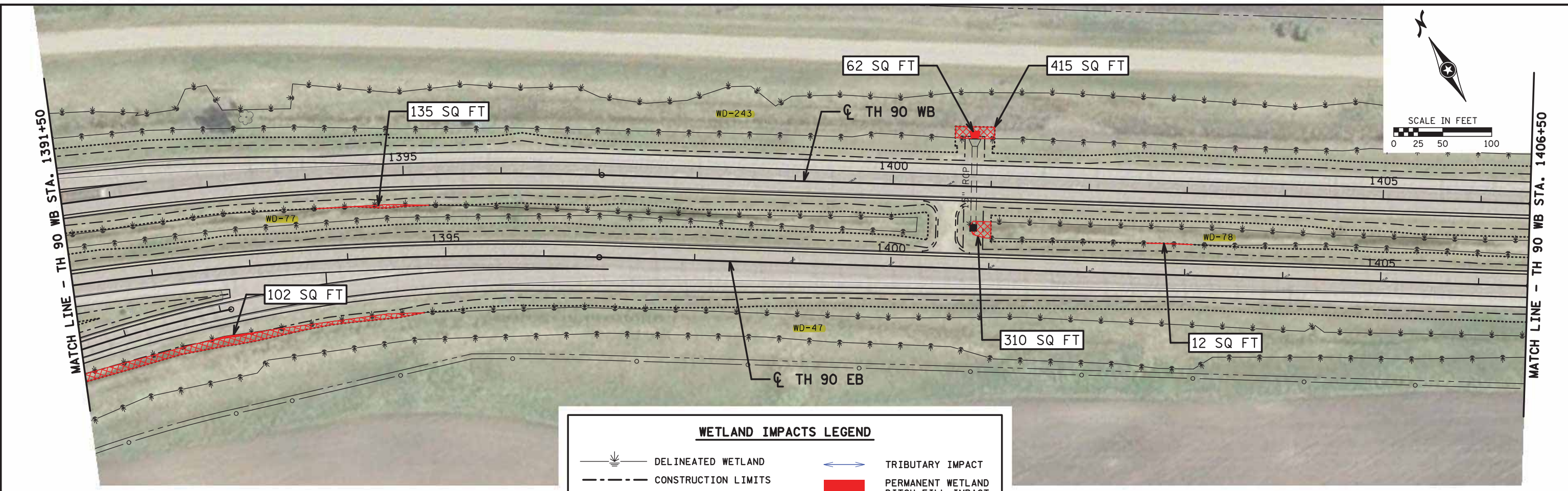


WETLAND IMPACTS LEGEND

	DELINEATED WETLAND		TRIBUTARY IMPACT
	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		

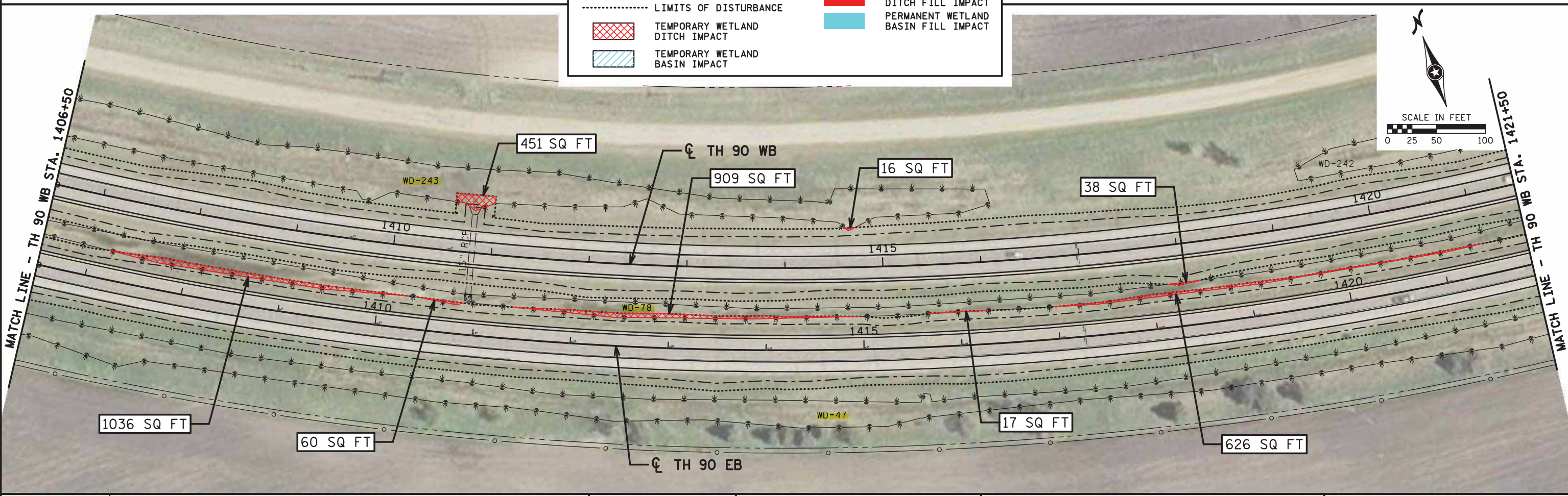
DRAWN BY:	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	SIGNATURE: _____			WETLAND IMPACTS TH 90 WB STA 1376+50 TO STA. 1391+50	STATE PROJ. NO. 4680-129 (TH 90)
CHECKED BY:		PRINTED NAME: _____				LIC. NO. _____

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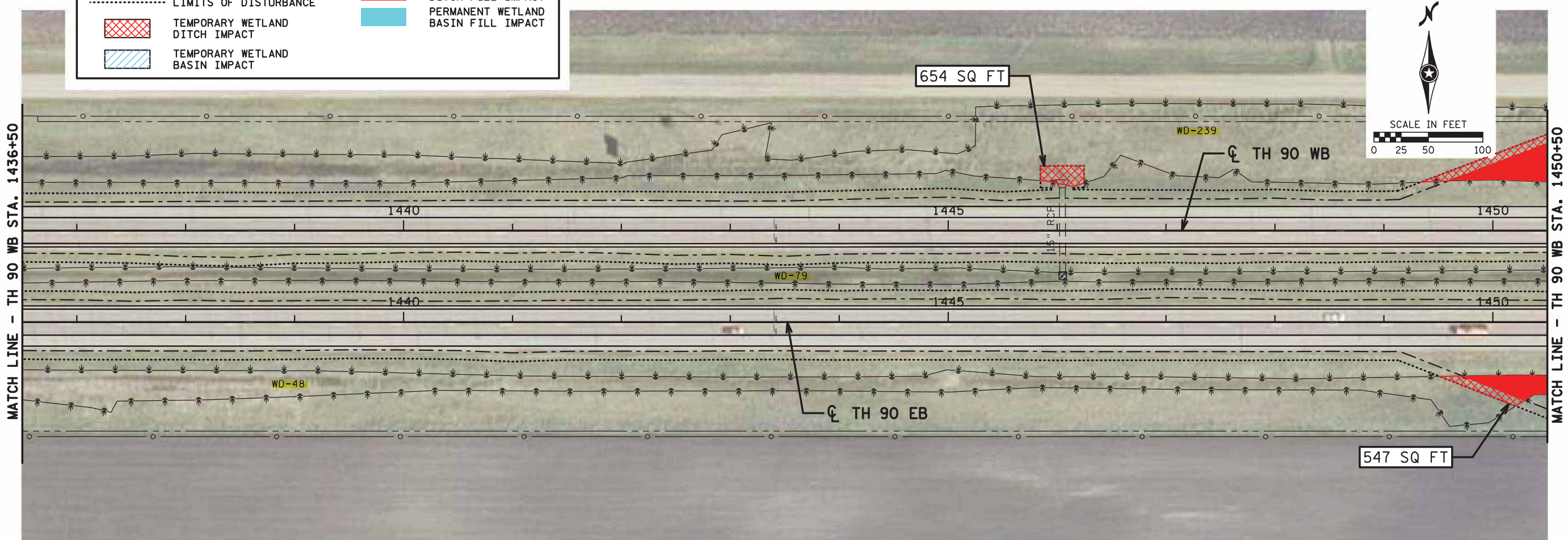
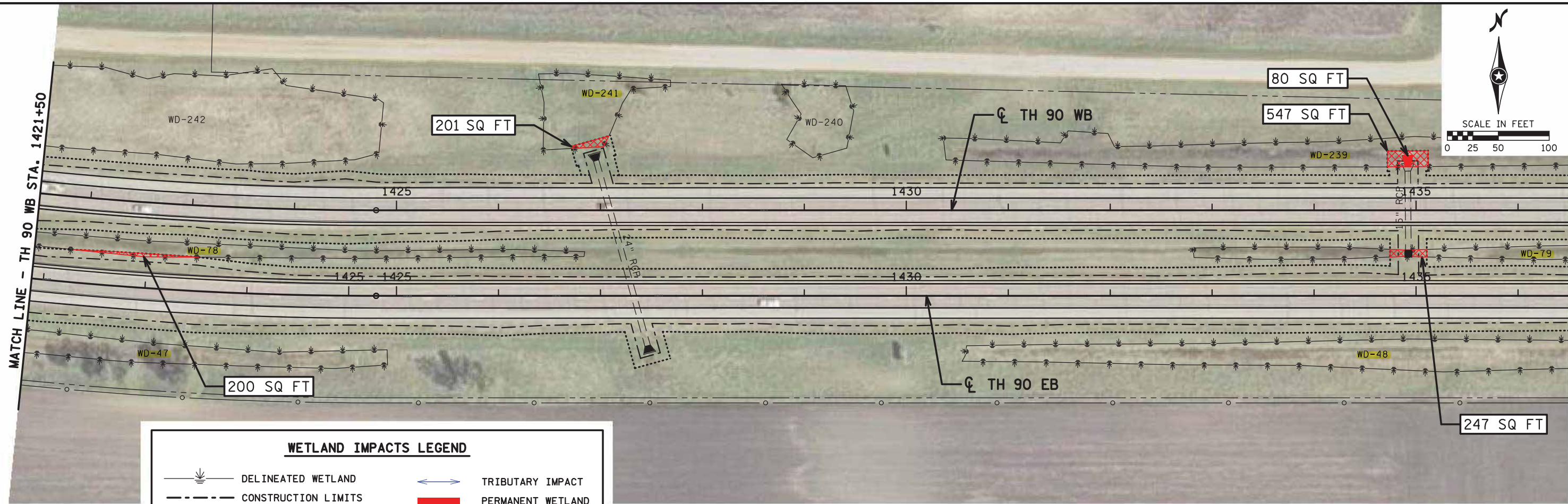
WETLAND IMPACTS LEGEND

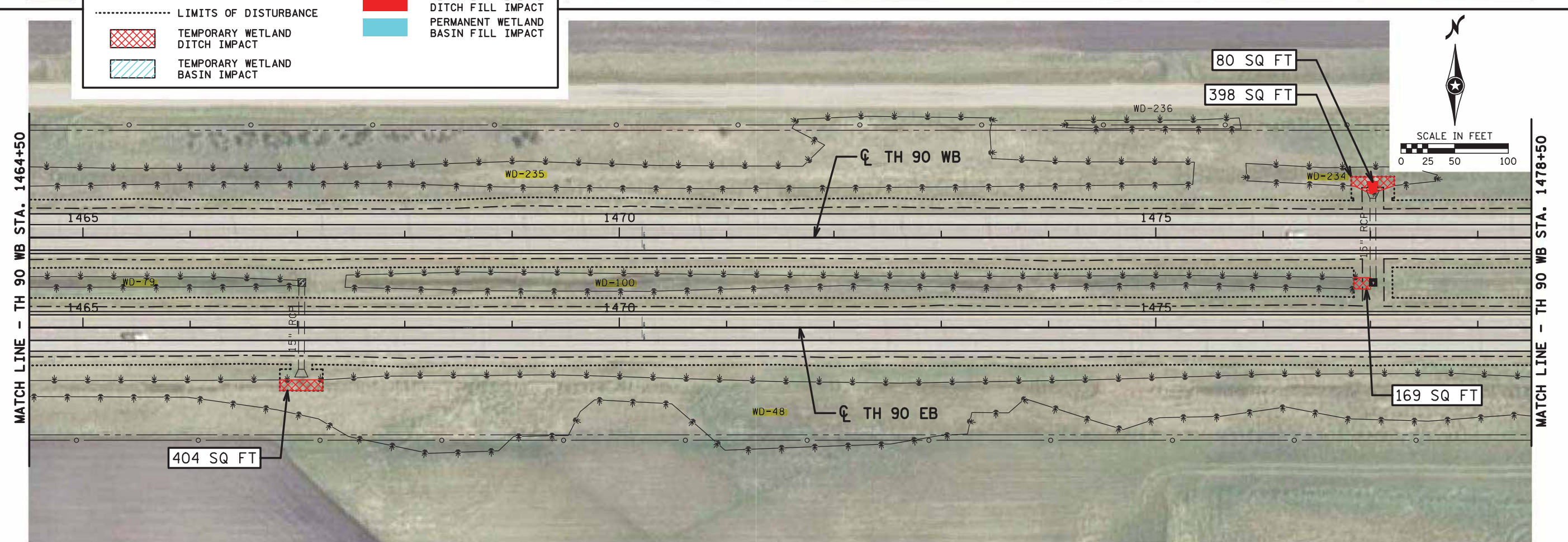
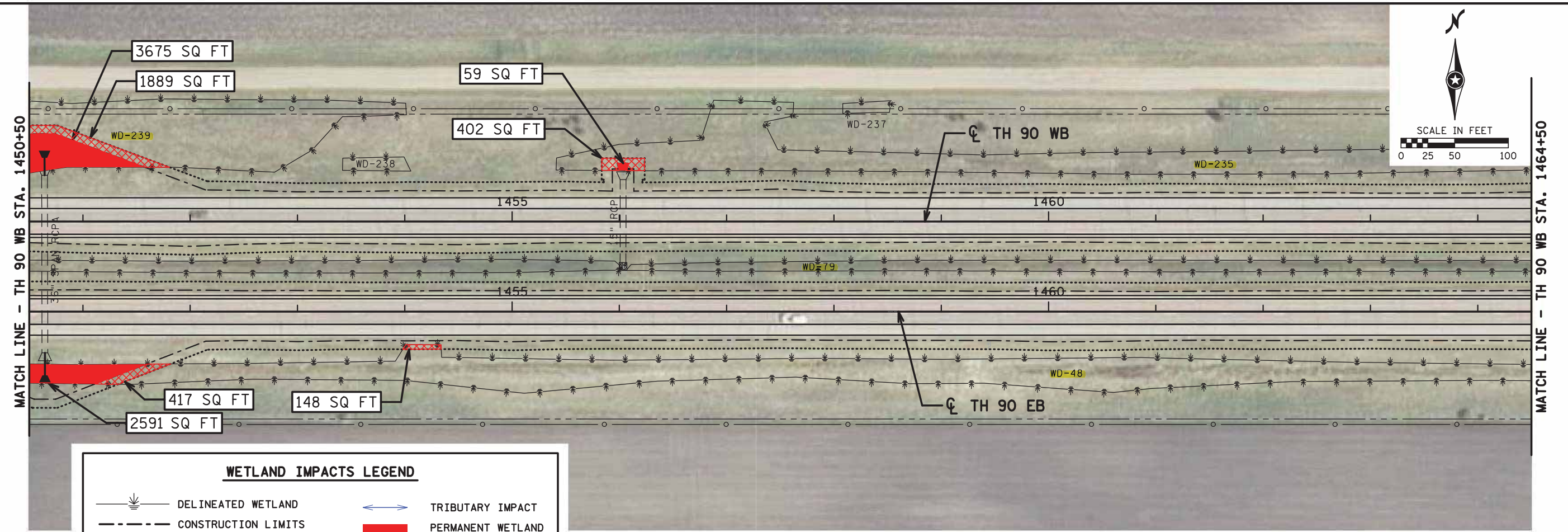
	DELINEATED WETLAND		TRIBUTARY IMPACT
	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		



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CHECKED BY:		PRINTED NAME: _____				LIC. NO. _____

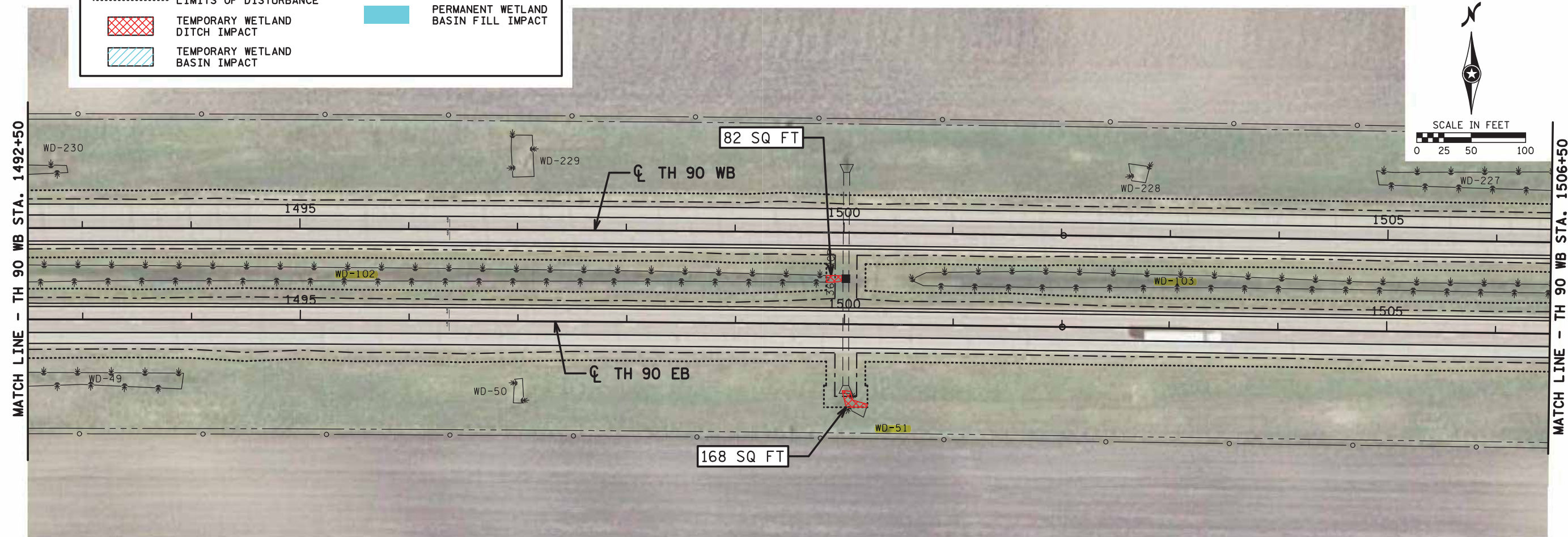
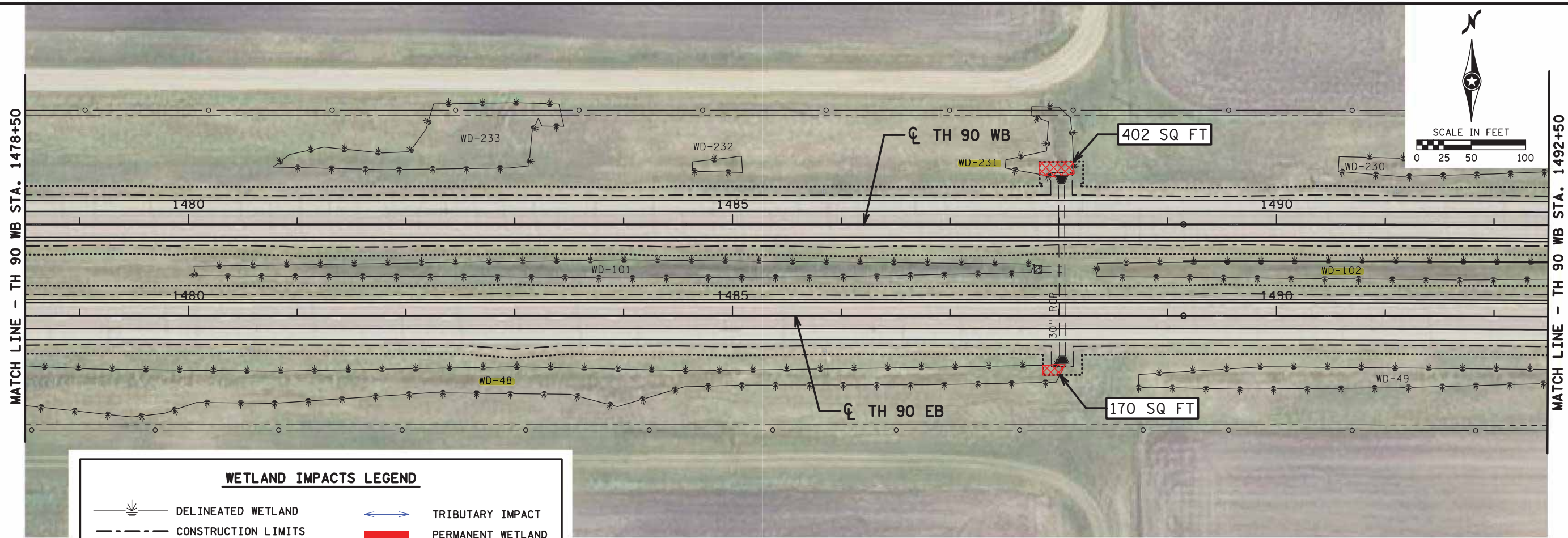
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MVP-2018-02043-BGO MnDOT SP 4680-129/TH 90 AJD Attachments, Page 31 of 49

DATE: 7/9/2018 TIME: 4:03:06 PM
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CHECKED BY:	DATE: _____ LIC. NO. _____	PRINTED NAME: _____				

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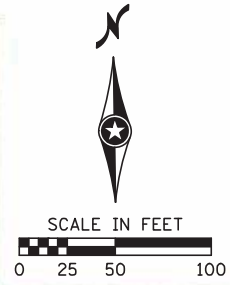
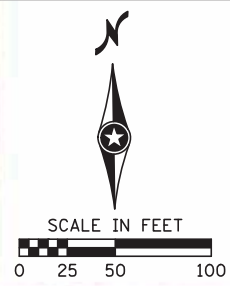
MATCH LINE - TH 90 WB STA. 1520+50

MATCH LINE - TH 90 WB STA. 1520+50

MATCH LINE - TH 90 WB STA. 1534+50

WETLAND IMPACTS LEGEND

	DELINEATED WETLAND		TRIBUTARY IMPACT
	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		



303 SQ FT

573 SQ FT

80 SQ FT

CL TH 90 WB

CL TH 90 EB

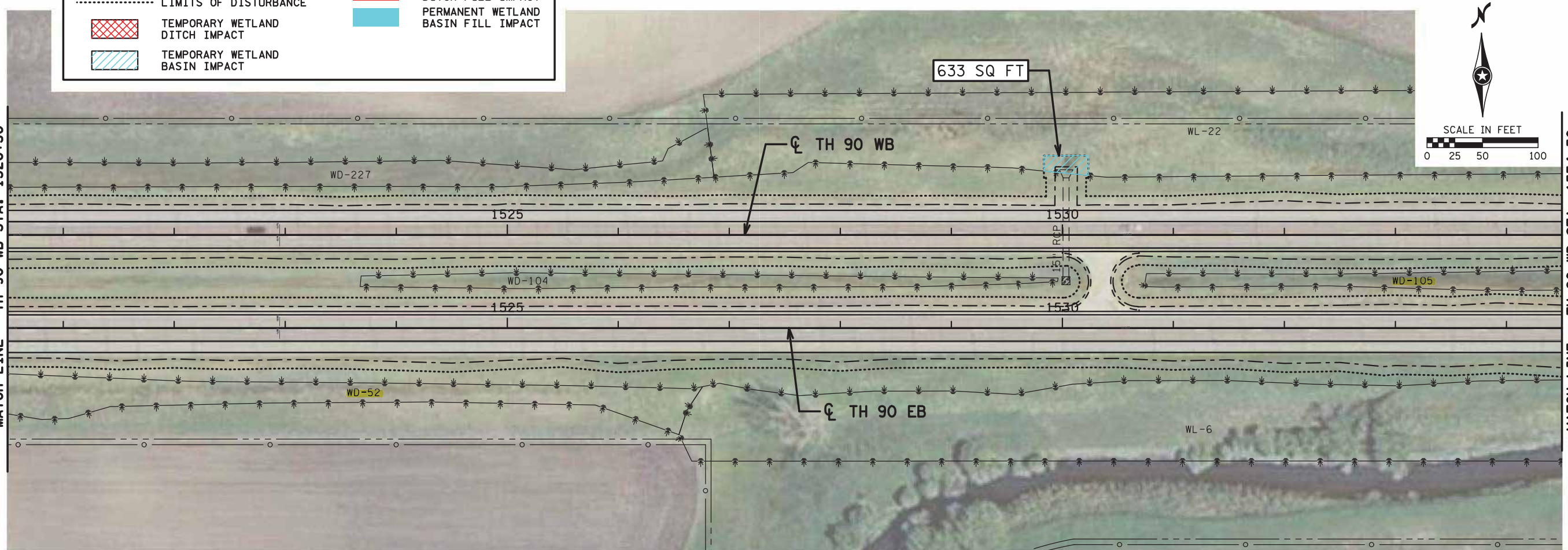
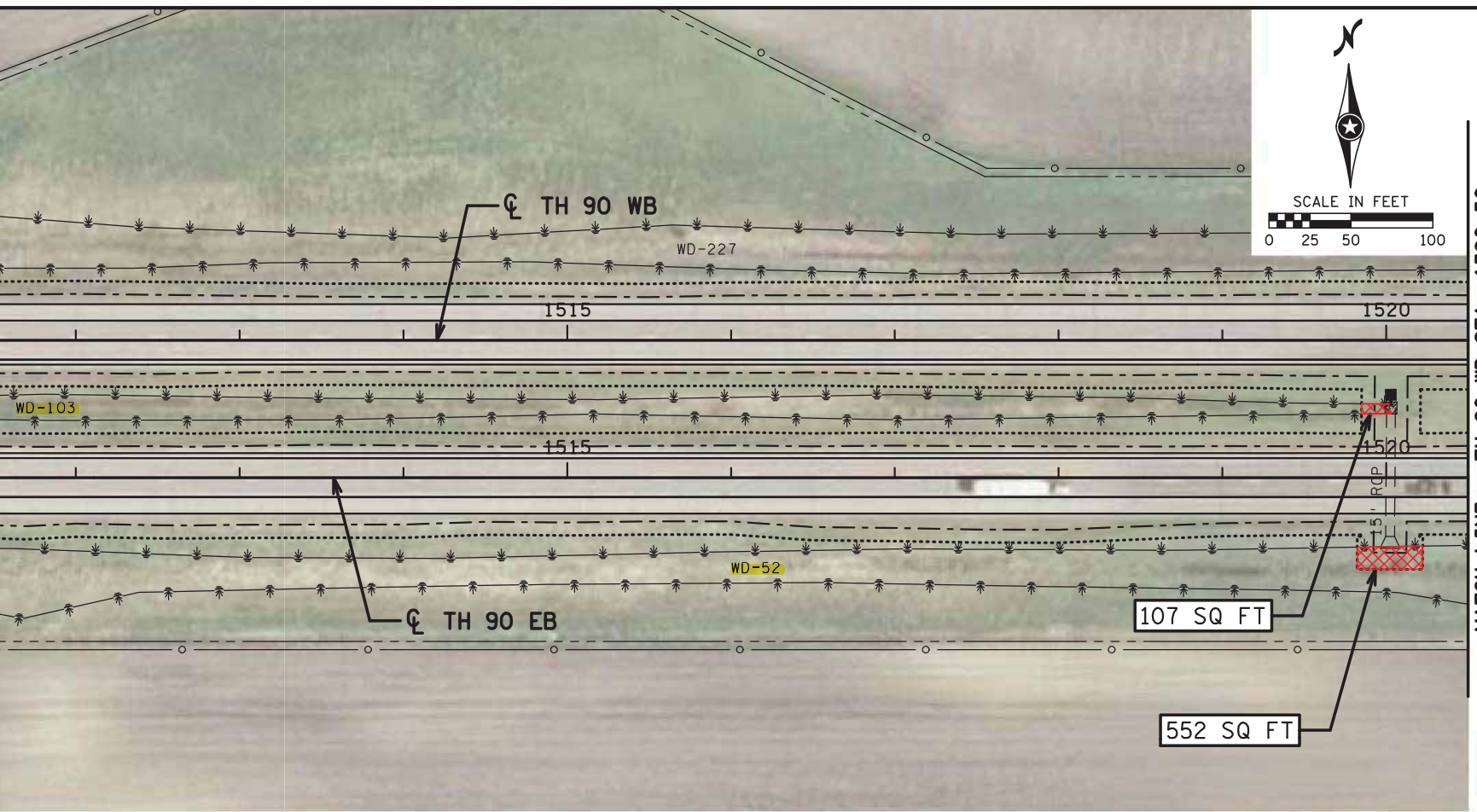
107 SQ FT

552 SQ FT

633 SQ FT

CL TH 90 WB

CL TH 90 EB



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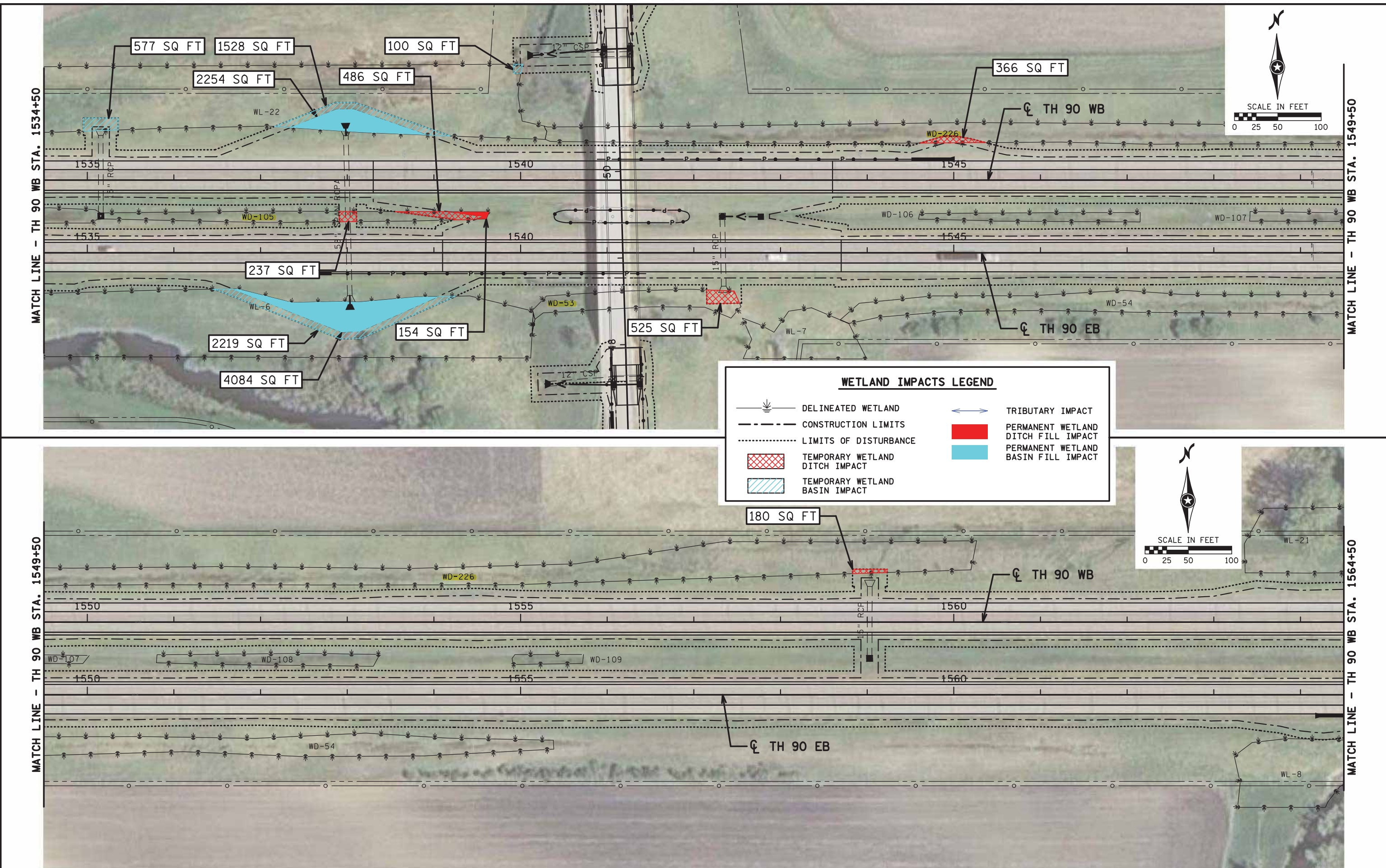
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WETLAND IMPACTS
TH 90 WB STA 1506+50 TO STA. 1534+50

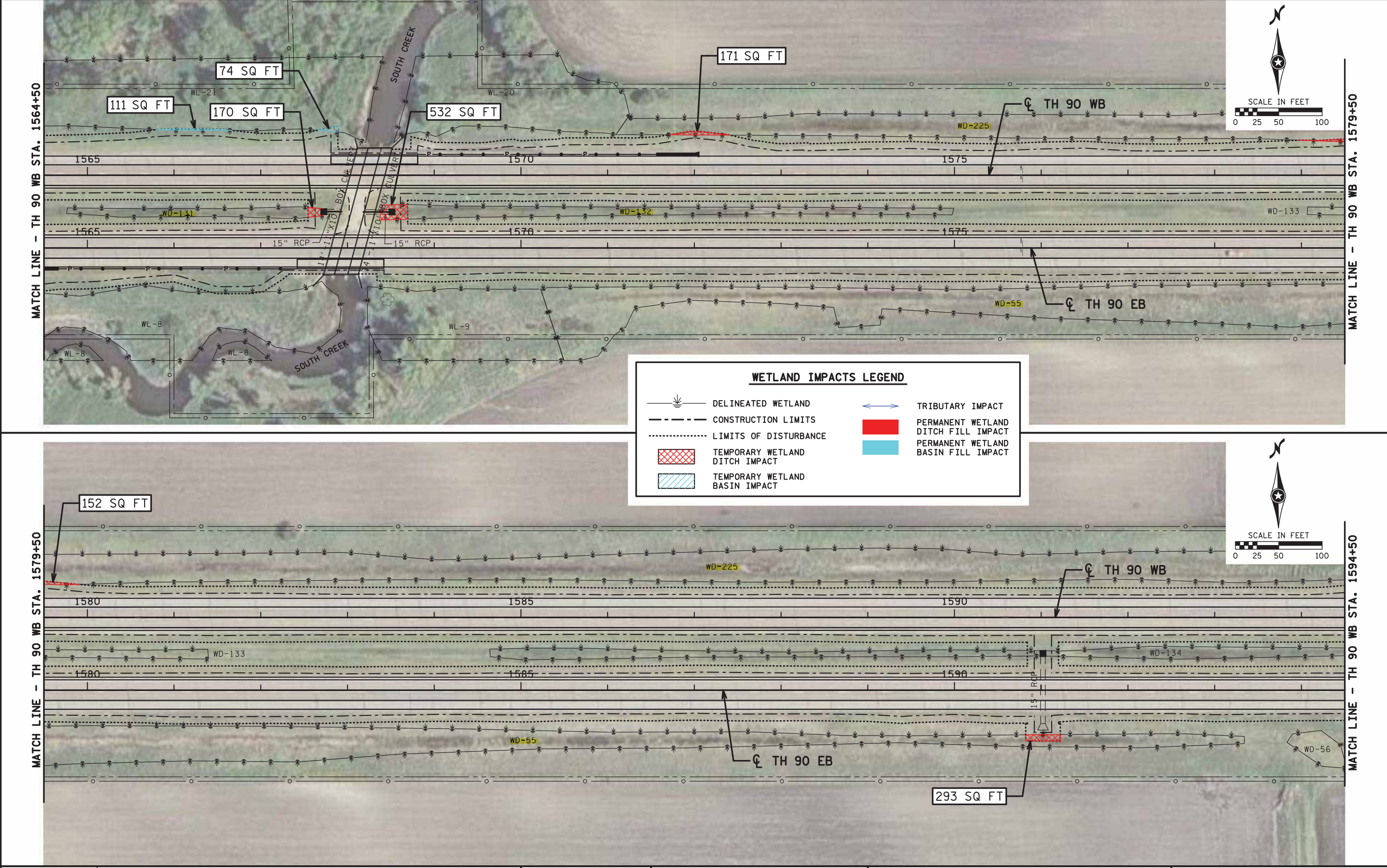
STATE PROJ. NO. 4680-129 (TH 90)
Sheet No. 17 of 33 Sheets

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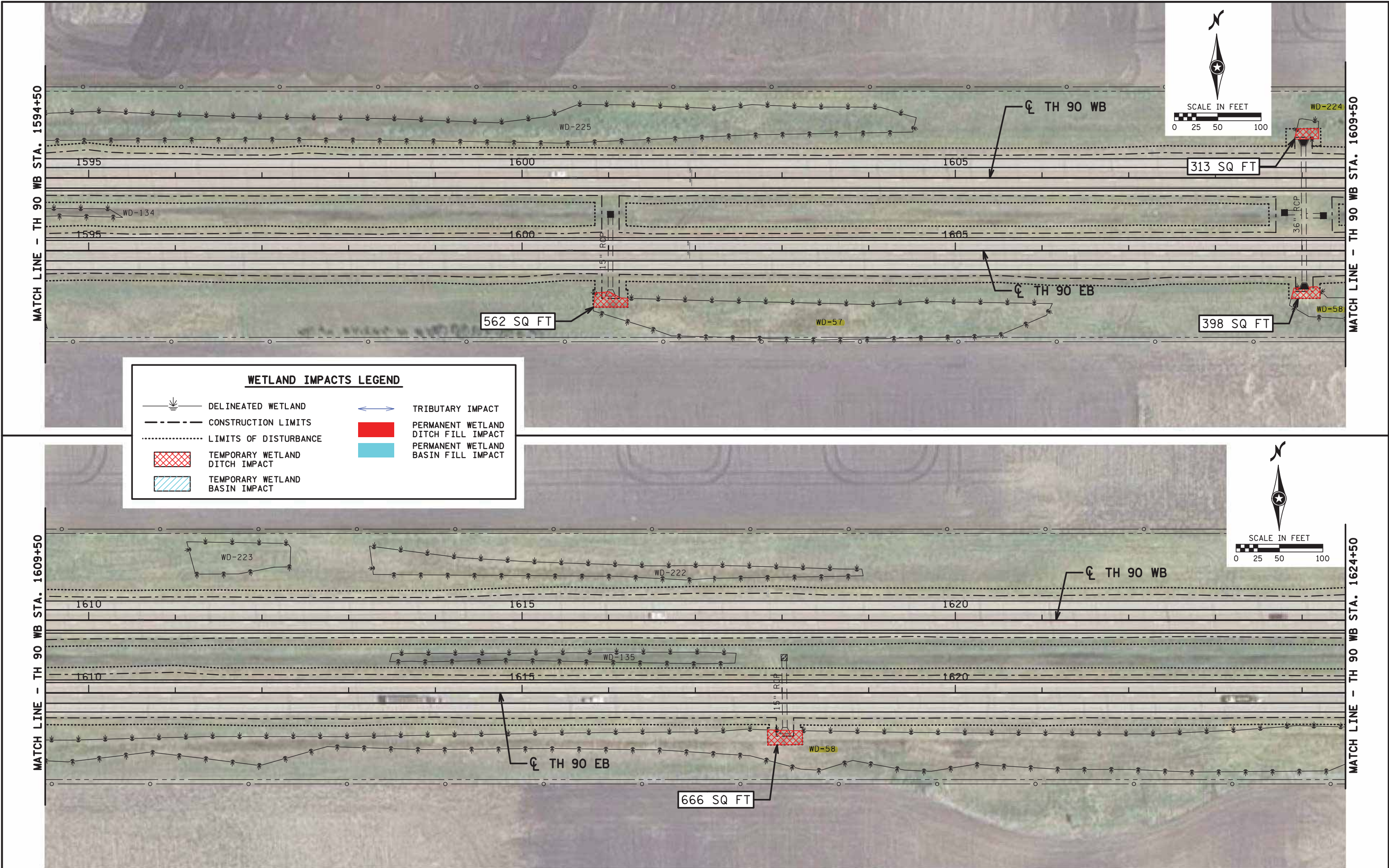
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CHECKED BY:					Sheet No. 18 of 33 Sheets

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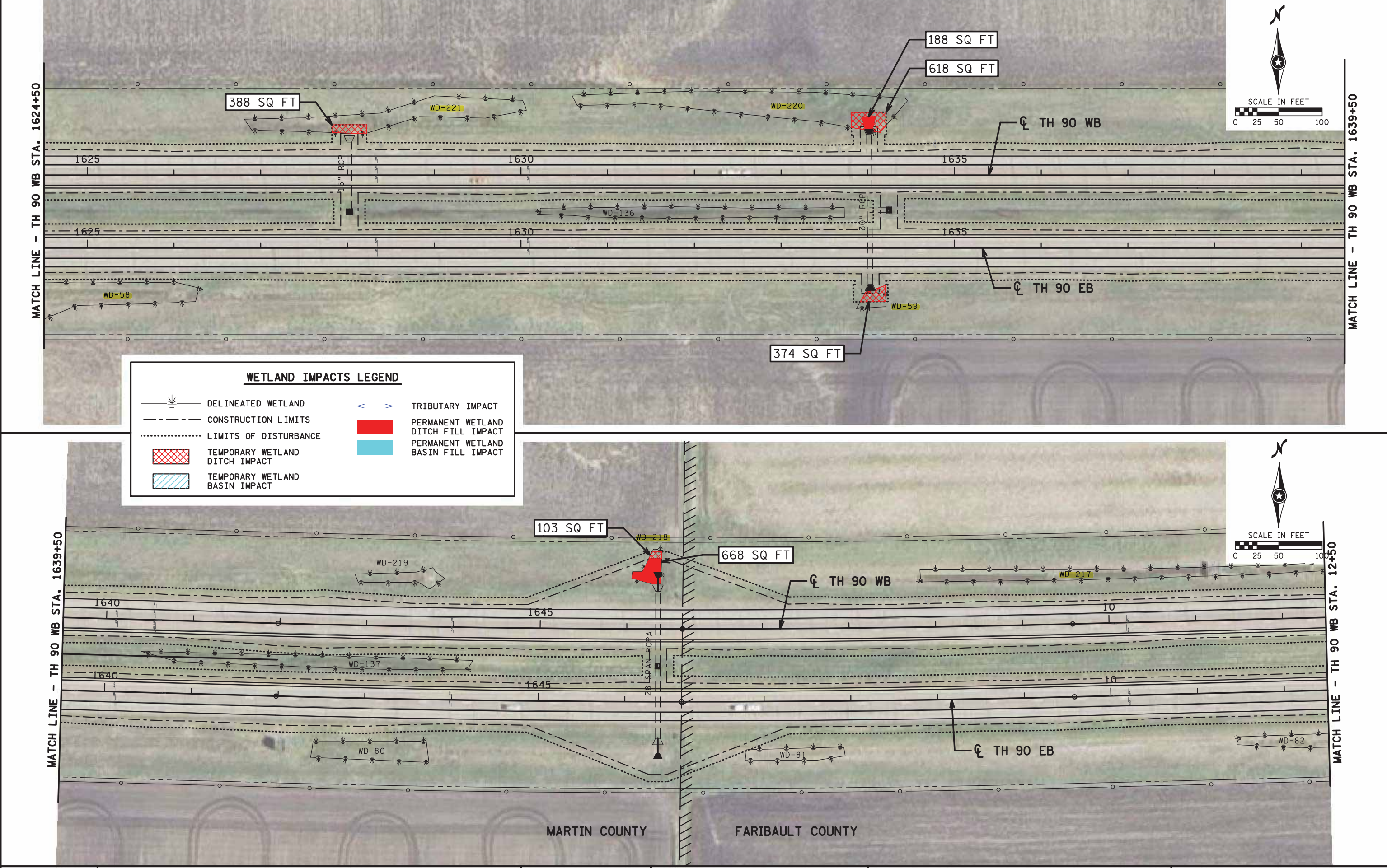
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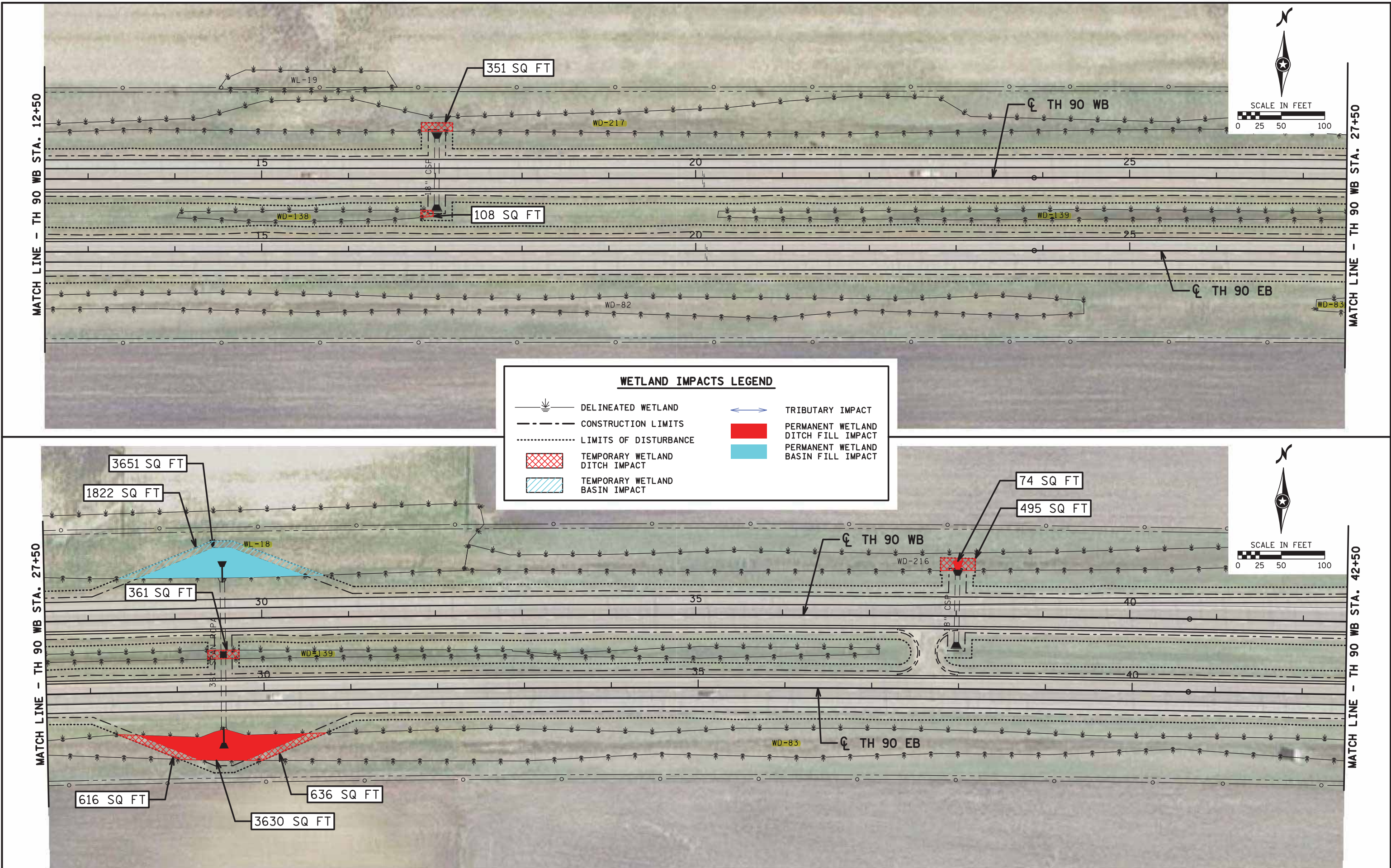
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CHECKED BY:		PRINTED NAME: _____				LIC. NO. _____

DATE: 7/9/2018 TIME: 4:03:29 PM
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







DRAWN BY:	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	SIGNATURE: _____			WETLAND IMPACTS TH 90 WB STA 1624+50 TO STA. 12+50	STATE PROJ. NO. 4680-129 (TH 90)
CHECKED BY:		PRINTED NAME: _____				LIC. NO. _____

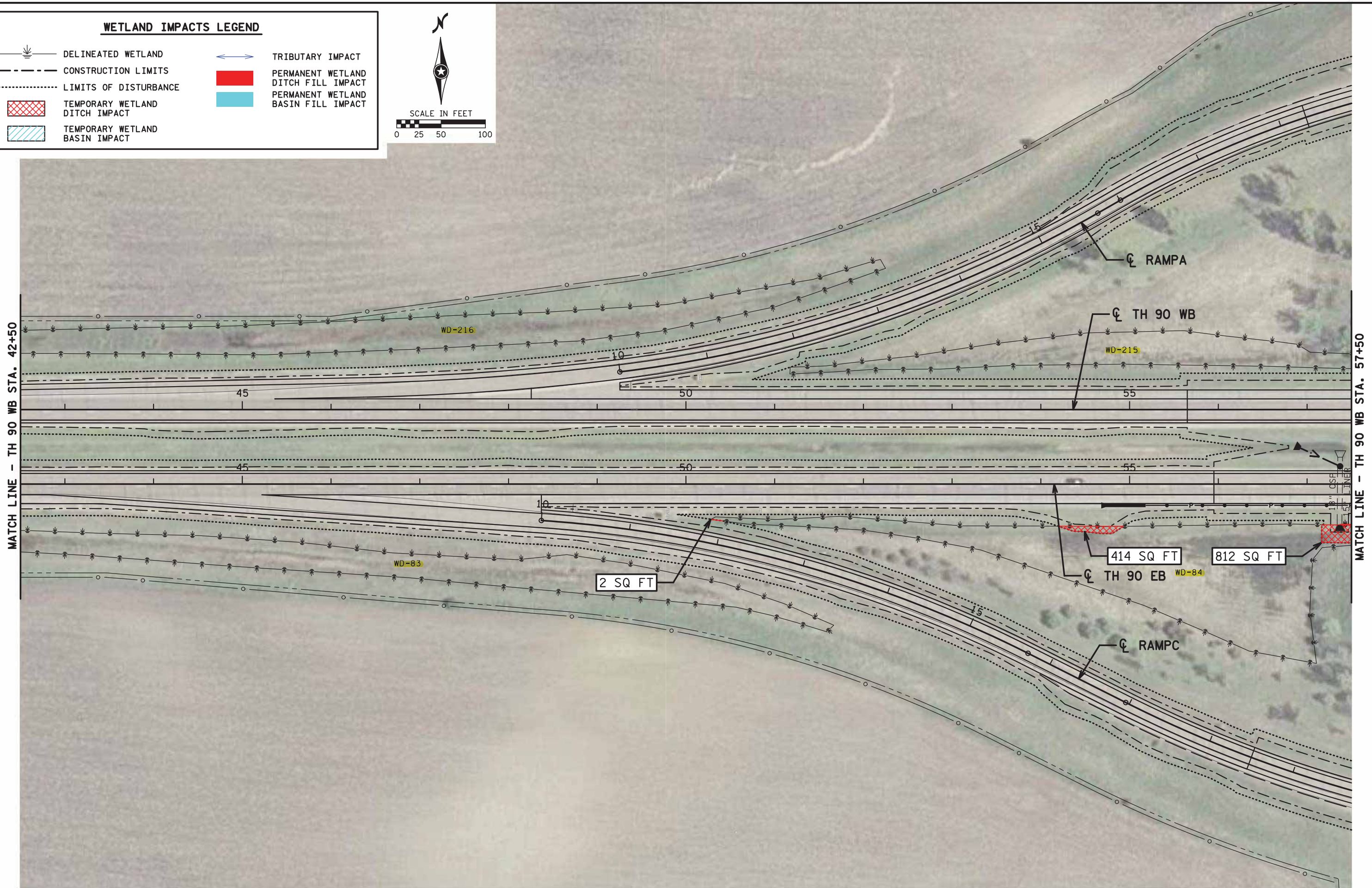
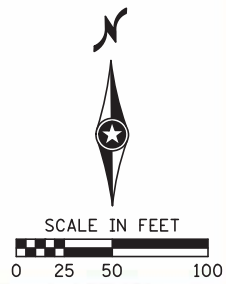
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WETLAND IMPACTS LEGEND

- | | | | |
|---|--------------------------------|---|-------------------------------------|
|  | DELINEATED WETLAND |  | TRIBUTARY IMPACT |
|  | CONSTRUCTION LIMITS |  | PERMANENT WETLAND DITCH FILL IMPACT |
|  | LIMITS OF DISTURBANCE |  | PERMANENT WETLAND BASIN FILL IMPACT |
|  | TEMPORARY WETLAND DITCH IMPACT | | |
|  | TEMPORARY WETLAND BASIN IMPACT | | |



DRAWN BY:
CHECKED BY:

I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

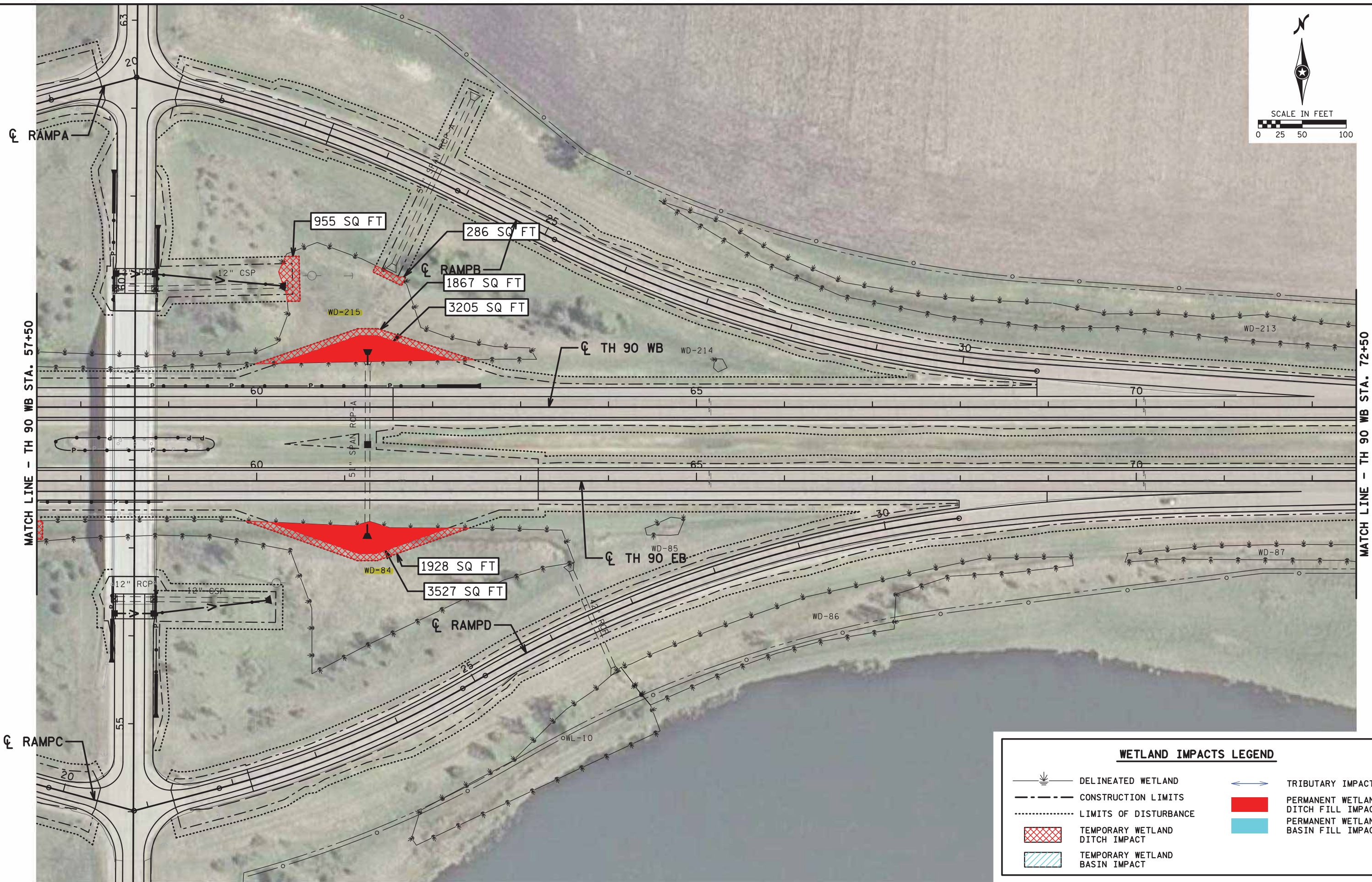
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PRINTED NAME: _____
DATE: _____ LIC. NO. _____



WETLAND IMPACTS
TH 90 WB STA 42+50 TO STA. 57+50

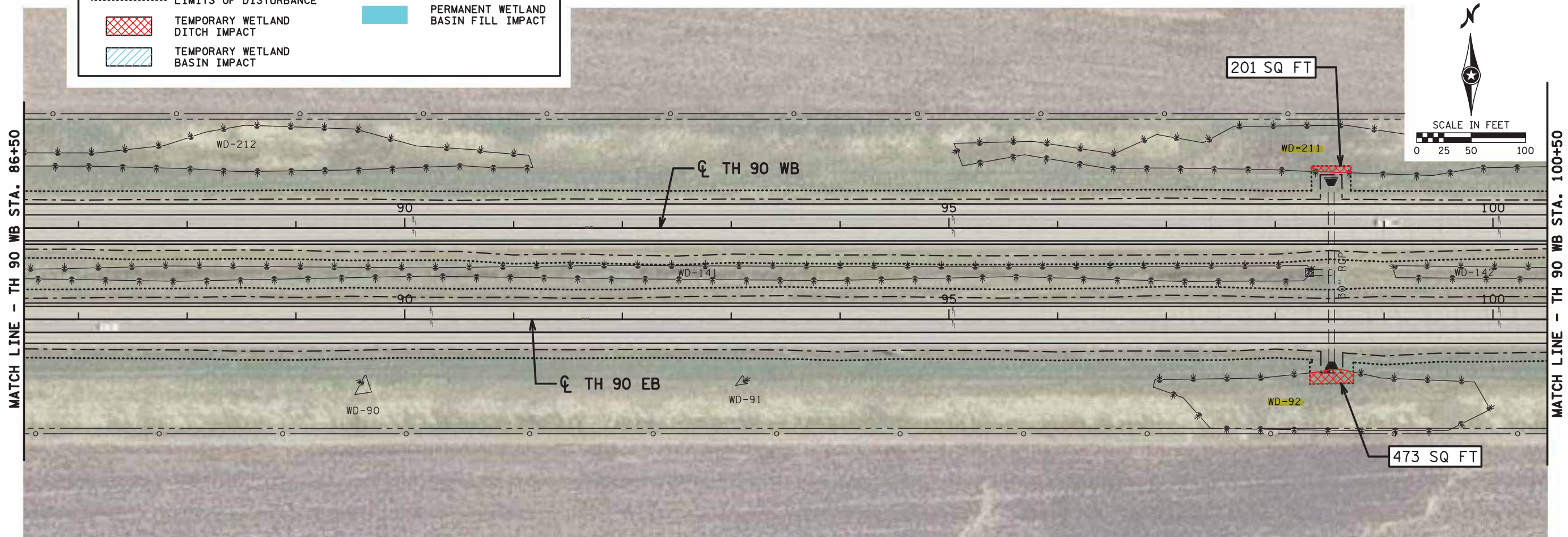
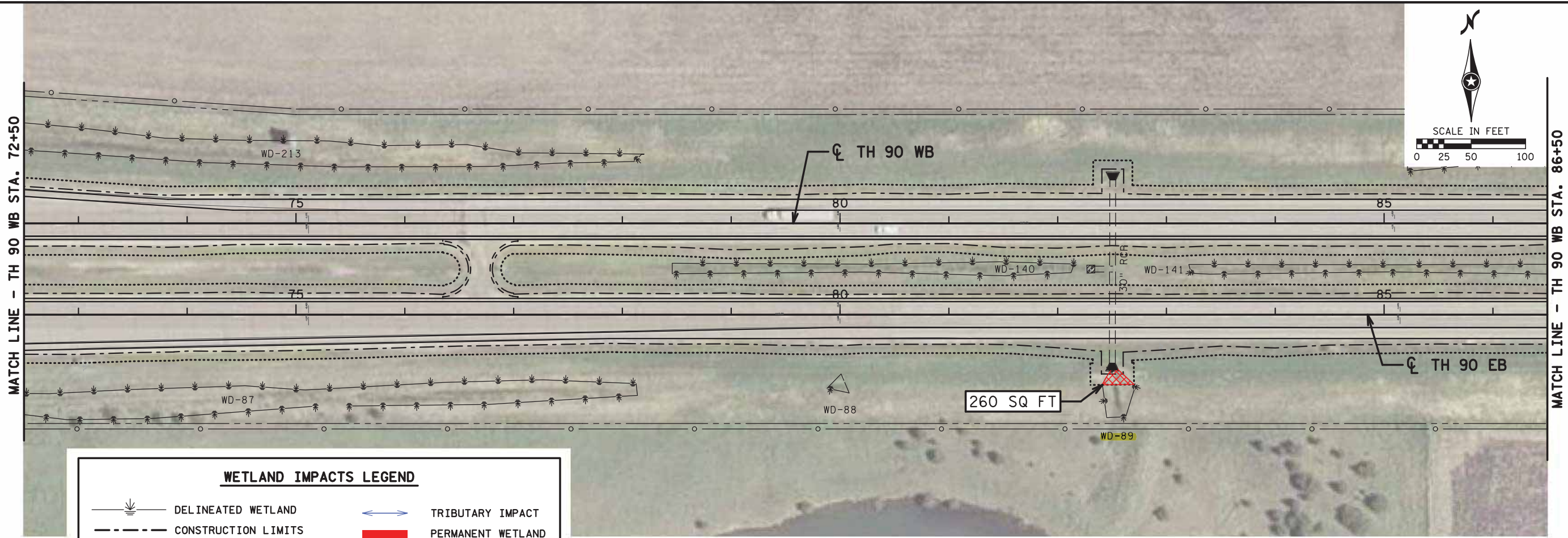
STATE PROJ. NO. 4680-129 (TH 90)
Sheet No. 23 of 33 Sheets

DATE: 7/9/2018 TIME: 4:03:42 PM
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WETLAND IMPACTS LEGEND			
	DELINEATED WETLAND		TRIBUTARY IMPACT
	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		

DATE: 7/9/2018 TIME: 4:03:46 PM
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DRAWN BY:
CHECKED BY:

I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE: _____
PRINTED NAME: _____
DATE: _____ LIC. NO. _____



WETLAND IMPACTS
TH 90 WB STA 72+50 TO STA. 100+50

STATE PROJ. NO. 4680-129 (TH 90)
Sheet No. 25 of 33 Sheets

DATE: 7/9/2018 TIME: 4:03:50 PM
FILENAME: K:\g-m\ndot\642\002\04_Production\04_CalcWaterWetlands\cd4\80129_wi26.dgn

MATCH LINE - TH 90 WB STA. 100+50

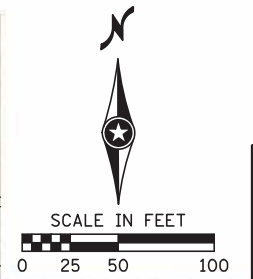
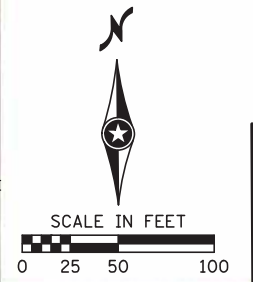
MATCH LINE - TH 90 WB STA. 114+50

MATCH LINE - TH 90 WB STA. 114+50

MATCH LINE - TH 90 WB STA. 128+50

WETLAND IMPACTS LEGEND

	DELINEATED WETLAND		TRIBUTARY IMPACT
	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		



DRAWN BY:
CHECKED BY:

I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

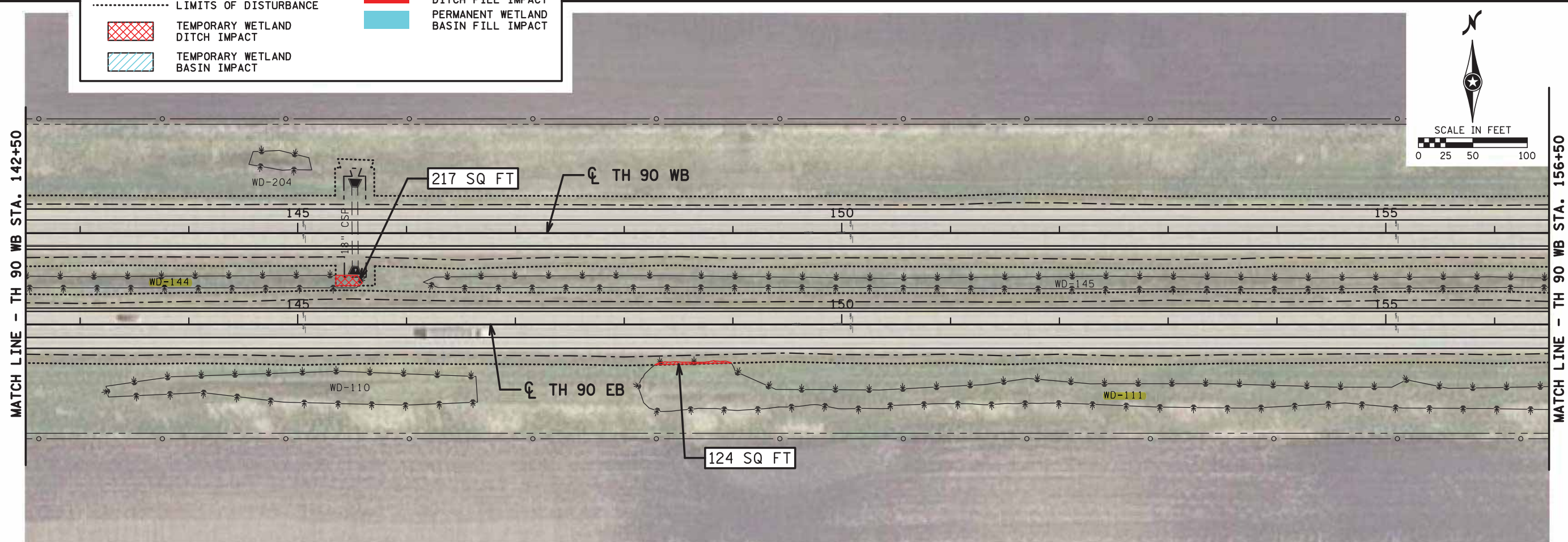
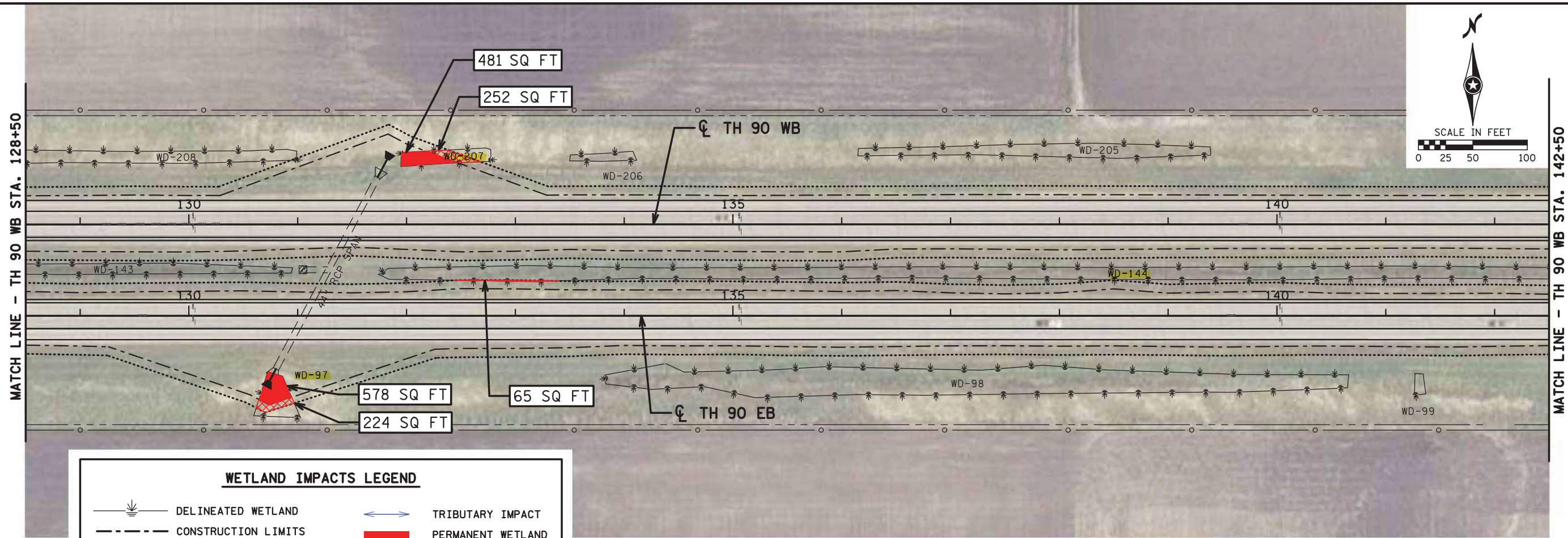
SIGNATURE: _____
PRINTED NAME: _____
DATE: _____ LIC. NO. _____



WETLAND IMPACTS
TH 90 WB STA 100+50 TO STA. 128+50

STATE PROJ. NO. 4680-129 (TH 90)
Sheet No. 26 of 33 Sheets

DATE: 7/9/2018 TIME: 4:03:54 PM
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DRAWN BY:	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	SIGNATURE: _____	TKDA	m DEPARTMENT OF TRANSPORTATION	WETLAND IMPACTS TH 90 WB STA 128+50 TO STA. 156+50	STATE PROJ. NO. 4680-129 (TH 90) Sheet No. 27 of 33 Sheets
CHECKED BY:	DATE: _____ LIC. NO. _____	PRINTED NAME: _____				

DATE: 7/9/2018 TIME: 4:03:59 PM
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



MATCH LINE - TH 90 WB STA. 156+50

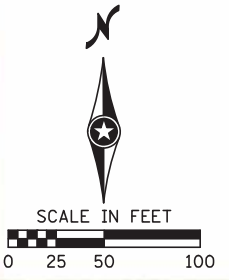
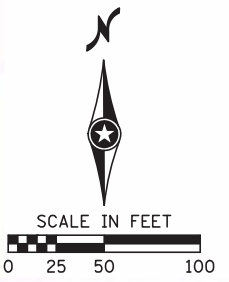
MATCH LINE - TH 90 WB STA. 170+50

MATCH LINE - TH 90 WB STA. 170+50

MATCH LINE - TH 90 WB STA. 184+50

WETLAND IMPACTS LEGEND

	DELINEATED WETLAND		TRIBUTARY IMPACT
	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		



DRAWN BY:

CHECKED BY:

I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE:

PRINTED NAME:

DATE:

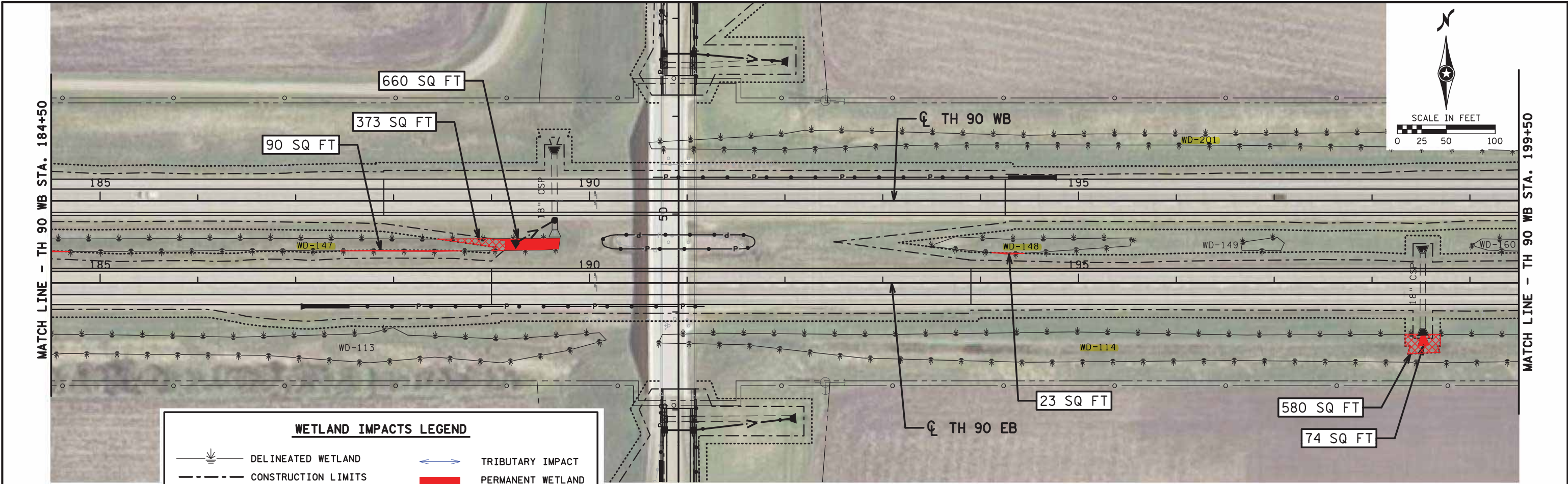
LIC. NO.



WETLAND IMPACTS
TH 90 WB STA 156+50 TO STA. 184+50

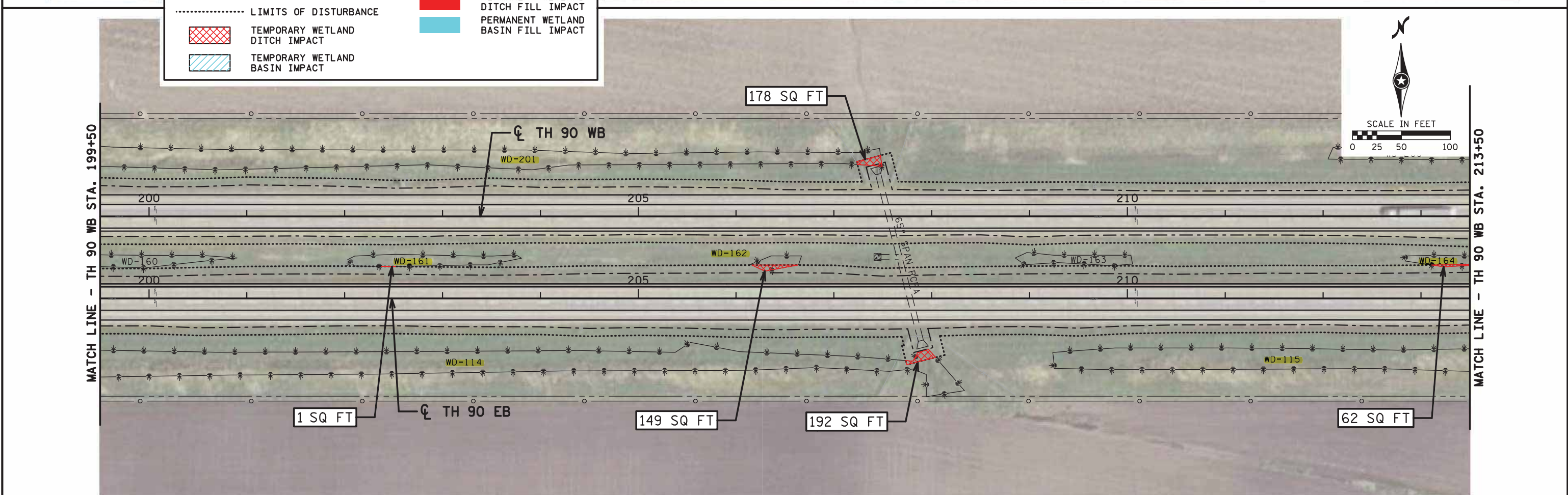
STATE PROJ. NO. 4680-129 (TH 90)
Sheet No. 28 of 33 Sheets

DATE: 7/9/2018 TIME: 4:04:03 PM
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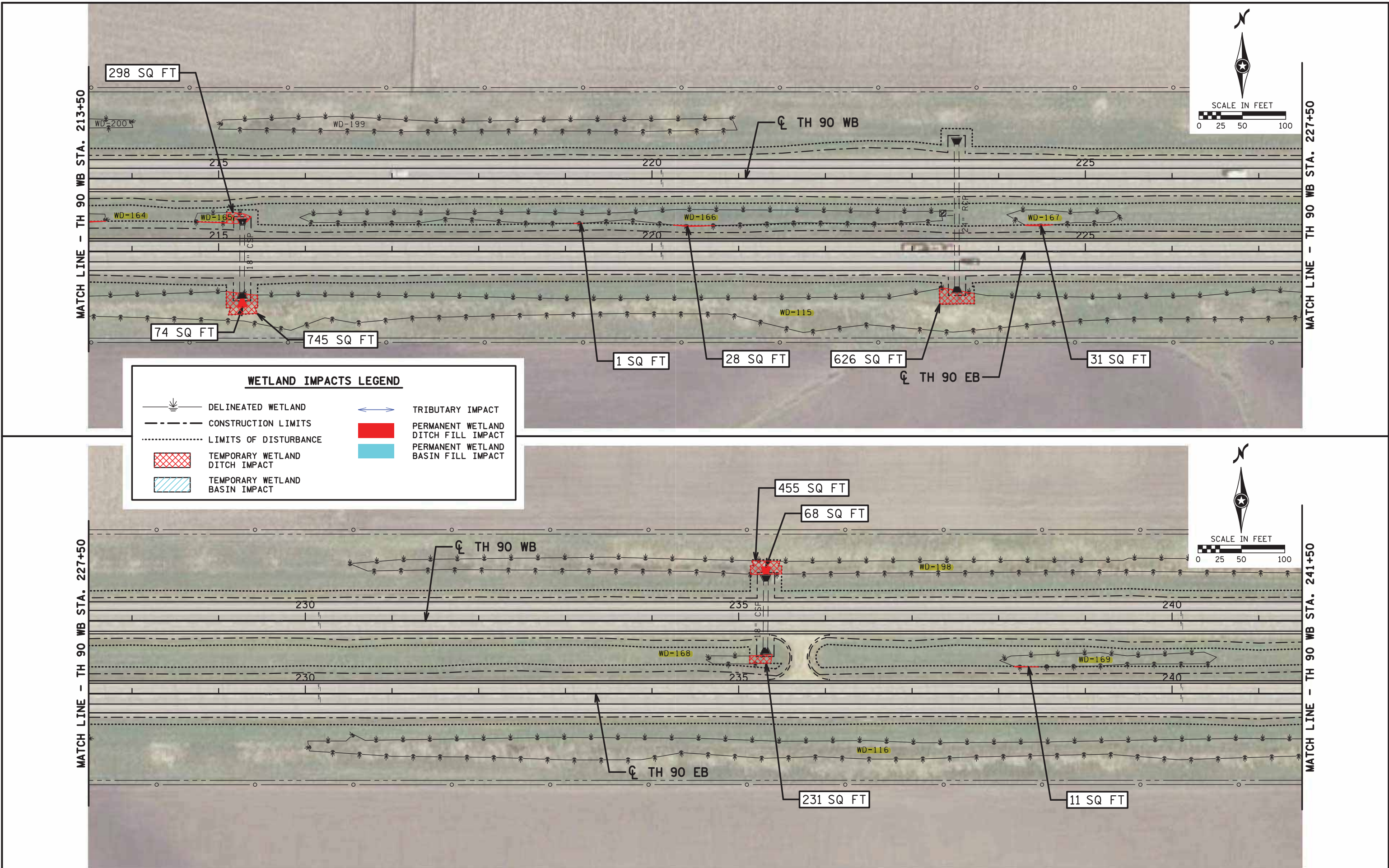
WETLAND IMPACTS LEGEND

	DELINEATED WETLAND		TRIBUTARY IMPACT
	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		

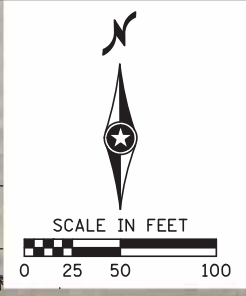
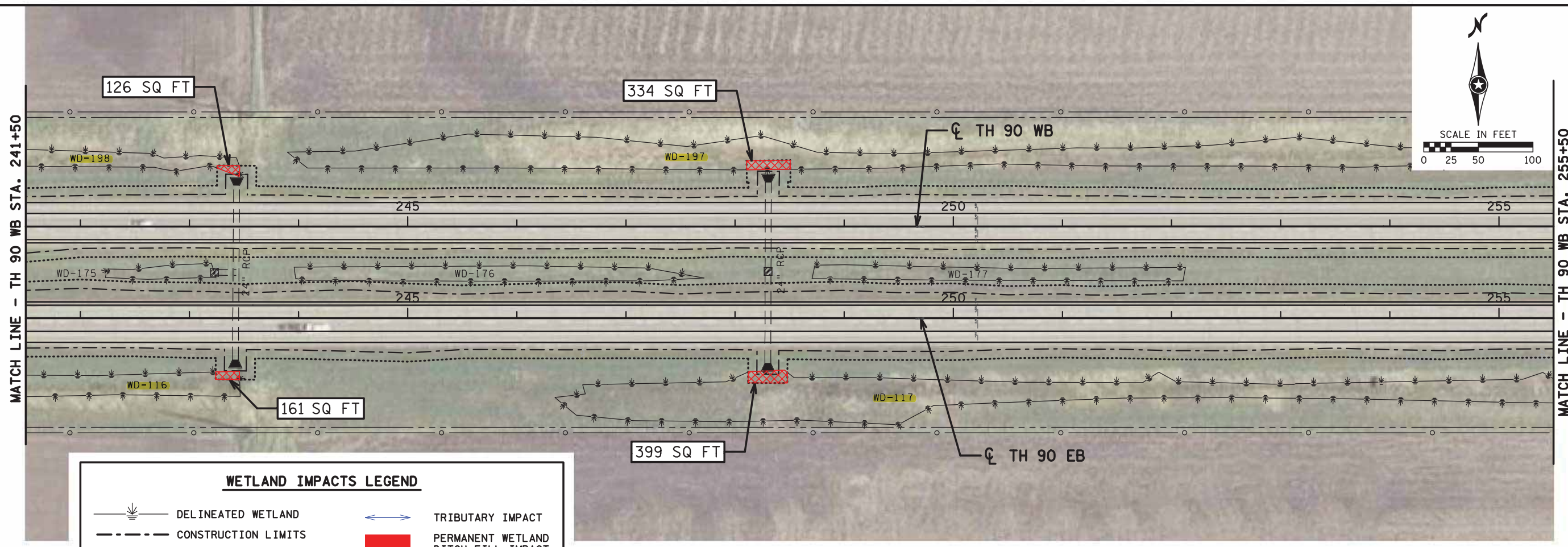


DRAWN BY:	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	SIGNATURE: _____			WETLAND IMPACTS TH 90 WB STA 184+50 TO STA. 213+50	STATE PROJ. NO. 4680-129 (TH 90)
CHECKED BY:		PRINTED NAME: _____				LIC. NO. _____

DATE: 7/9/2018 TIME: 4:04:08 PM
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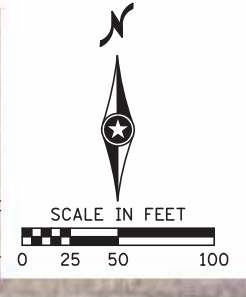
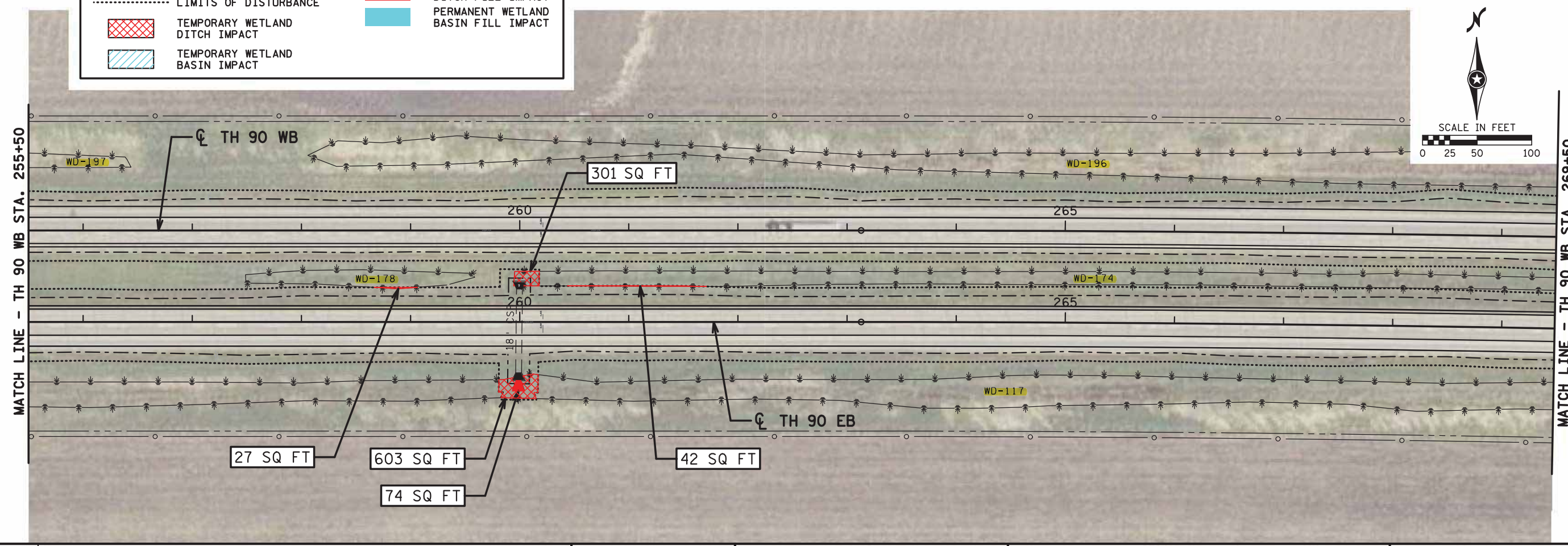


DATE: 7/9/2018 TIME: 4:04:12 PM
FILENAME: K:\g-m\mndot\642\002\04_Production\04_CalcWaterWetlands\cd4\80129_wi31.dgn



WETLAND IMPACTS LEGEND

DELINEATED WETLAND	TRIBUTARY IMPACT
CONSTRUCTION LIMITS	PERMANENT WETLAND DITCH FILL IMPACT
LIMITS OF DISTURBANCE	PERMANENT WETLAND BASIN FILL IMPACT
TEMPORARY WETLAND DITCH IMPACT	
TEMPORARY WETLAND BASIN IMPACT	



DRAWN BY:	I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	SIGNATURE: _____	TKDA	DEPARTMENT OF TRANSPORTATION	WETLAND IMPACTS TH 90 WB STA 241+50 TO STA. 269+50	STATE PROJ. NO. 4680-129 (TH 90)
CHECKED BY:		PRINTED NAME: _____				LIC. NO. _____

DATE: 7/9/2018 TIME: 4:04:17 PM
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MATCH LINE - TH 90 WB STA. 269+50

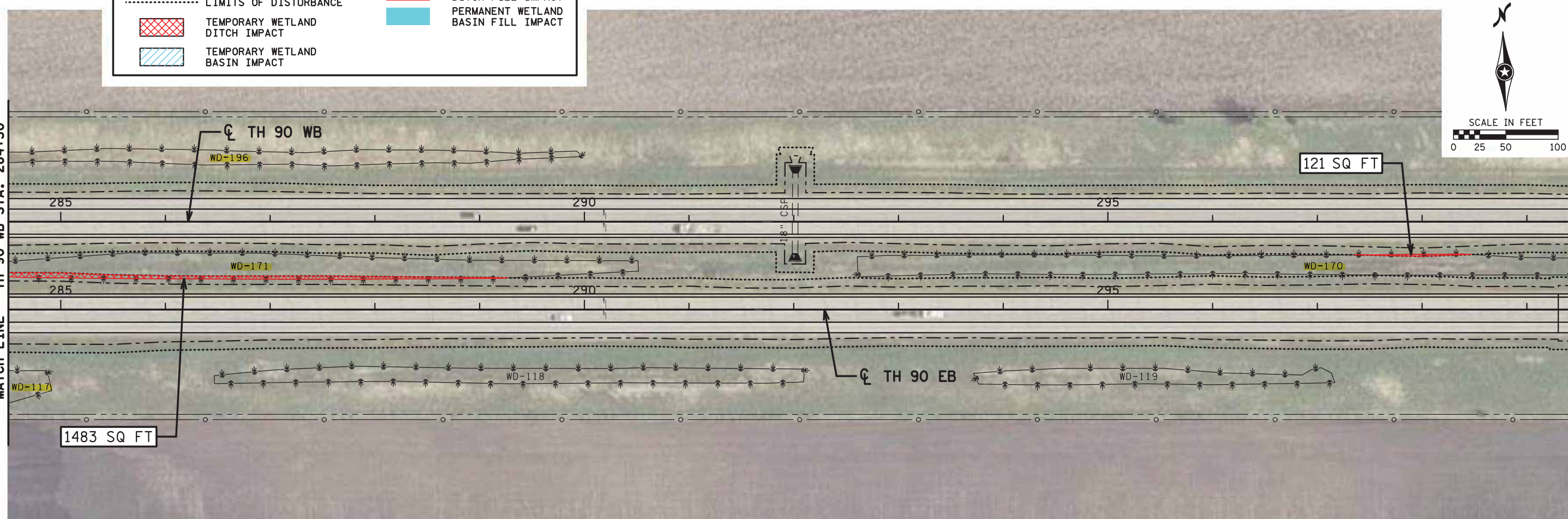
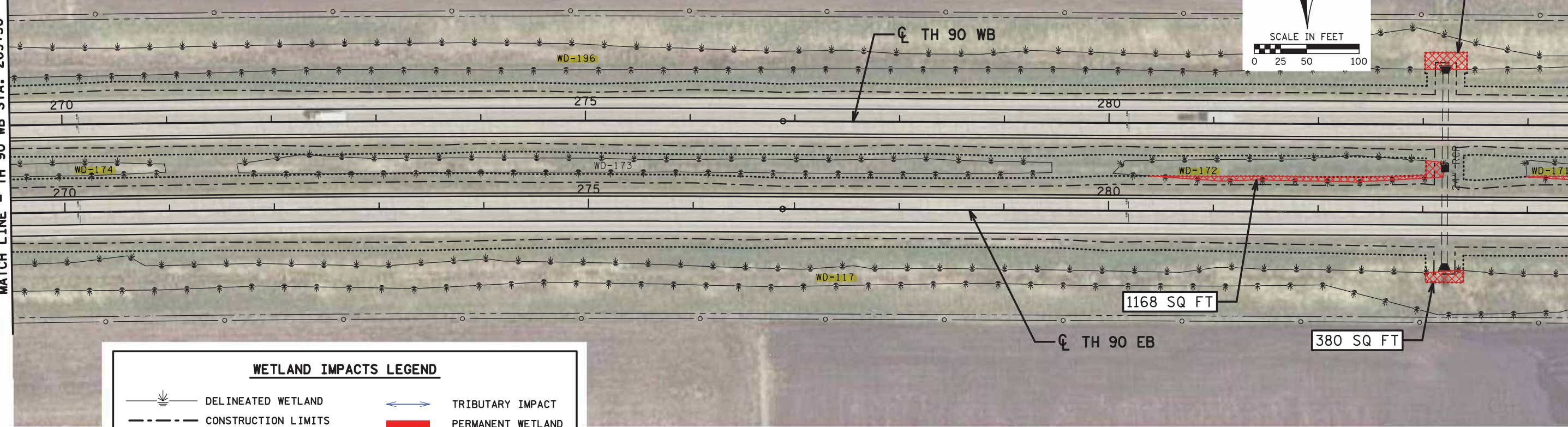
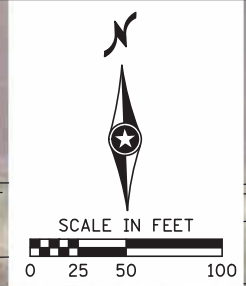
MATCH LINE - TH 90 WB STA. 284+50

MATCH LINE - TH 90 WB STA. 284+50

MATCH LINE - TH 90 WB STA. 299+50

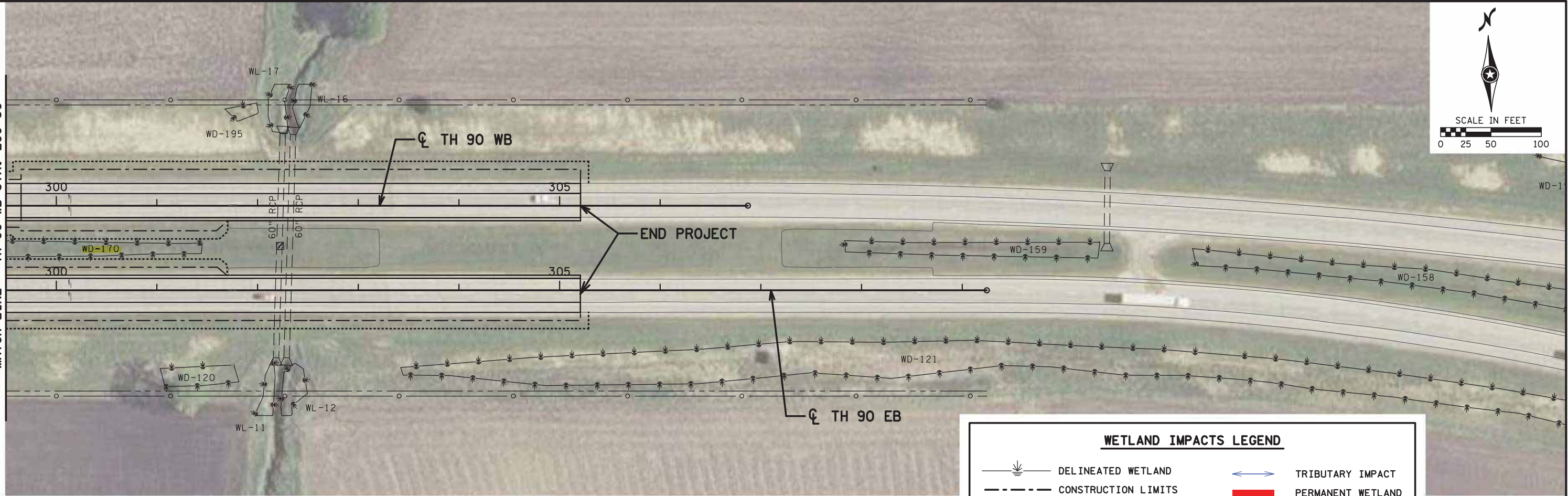
WETLAND IMPACTS LEGEND

	DELINEATED WETLAND		TRIBUTARY IMPACT
	CONSTRUCTION LIMITS		PERMANENT WETLAND DITCH FILL IMPACT
	LIMITS OF DISTURBANCE		PERMANENT WETLAND BASIN FILL IMPACT
	TEMPORARY WETLAND DITCH IMPACT		
	TEMPORARY WETLAND BASIN IMPACT		

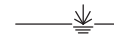





DATE: 7/9/2018 TIME: 4:04:21 PM
FILENAME: K:\g-m\MnDOT\6421002\04_Production\04_Calc Water\wetlands\cd4180129_wl33.dgn

MATCH LINE - TH 90 WB STA. 299+50



WETLAND IMPACTS LEGEND

- | | | | |
|---|-----------------------------------|---|--|
|  | DELINEATED WETLAND |  | TRIBUTARY IMPACT |
|  | CONSTRUCTION LIMITS |  | PERMANENT WETLAND
DITCH FILL IMPACT |
|  | LIMITS OF DISTURBANCE |  | PERMANENT WETLAND
BASIN FILL IMPACT |
|  | TEMPORARY WETLAND
DITCH IMPACT | | |
|  | TEMPORARY WETLAND
BASIN IMPACT | | |

DRAWN BY:

I HEREBY CERTIFY THAT THIS SHEET WAS PREPARED
BY ME OR UNDER MY DIRECT SUPERVISION AND THAT
I AM A DULY LICENSED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF MINNESOTA.

SIGNATURE:

PRINTED NAME:

DATE:

LIC. NO.



WETLAND IMPACTS
TH 90 WB STA 299+50 TO STA. 306+87.13

STATE PROJ. NO. 4680-129 (TH 90)
Sheet No. 33 of 33 Sheets