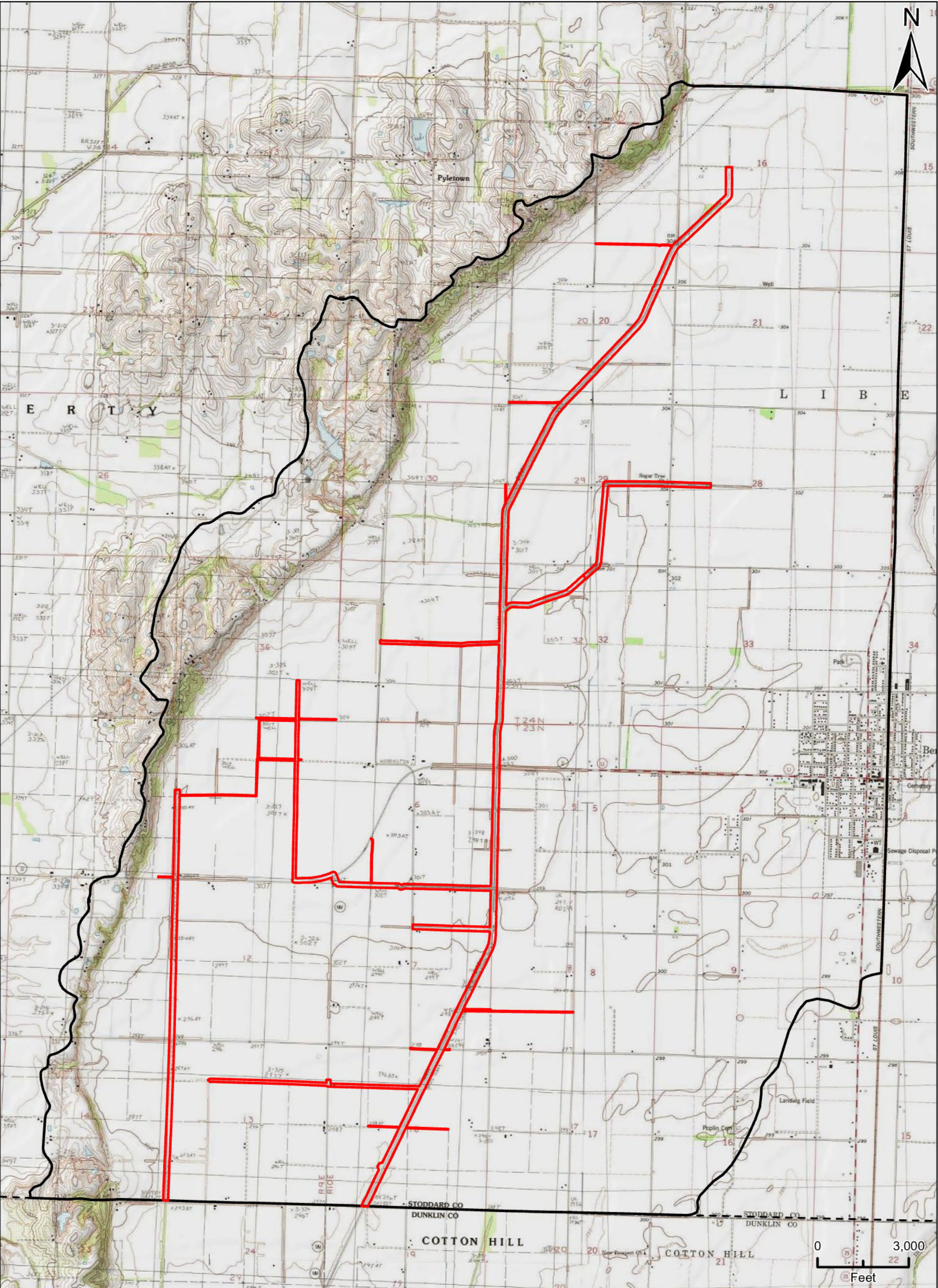
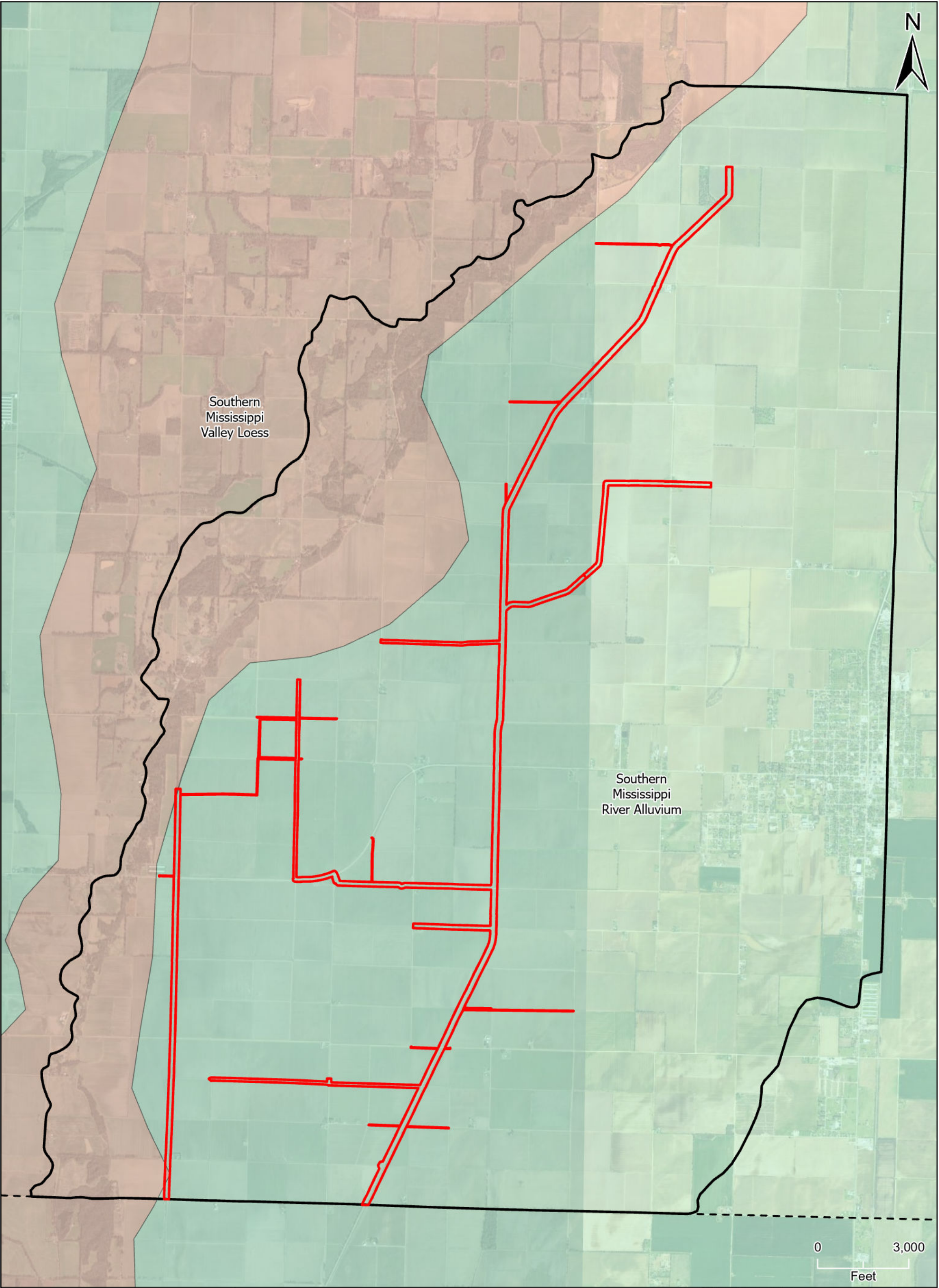
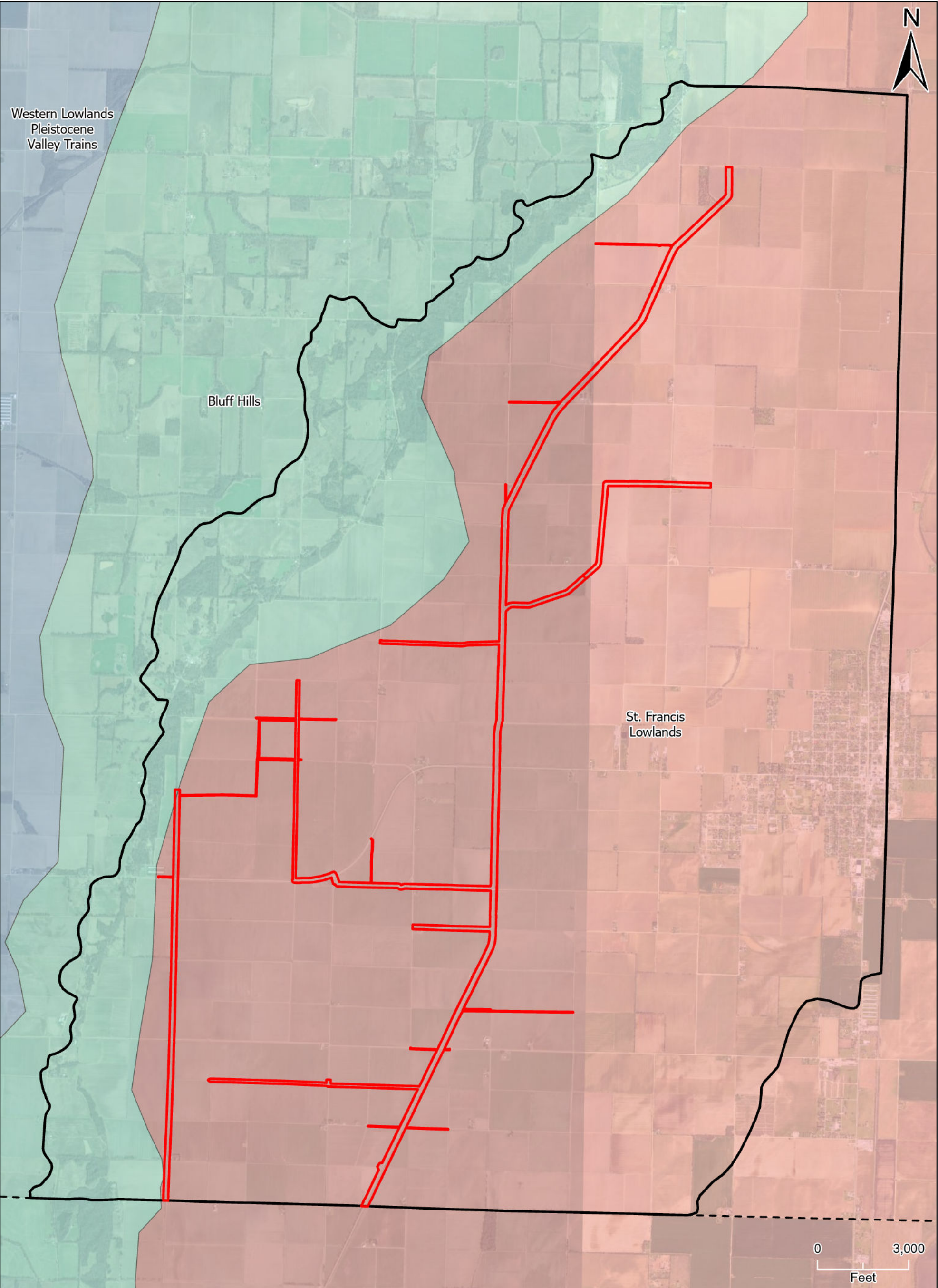




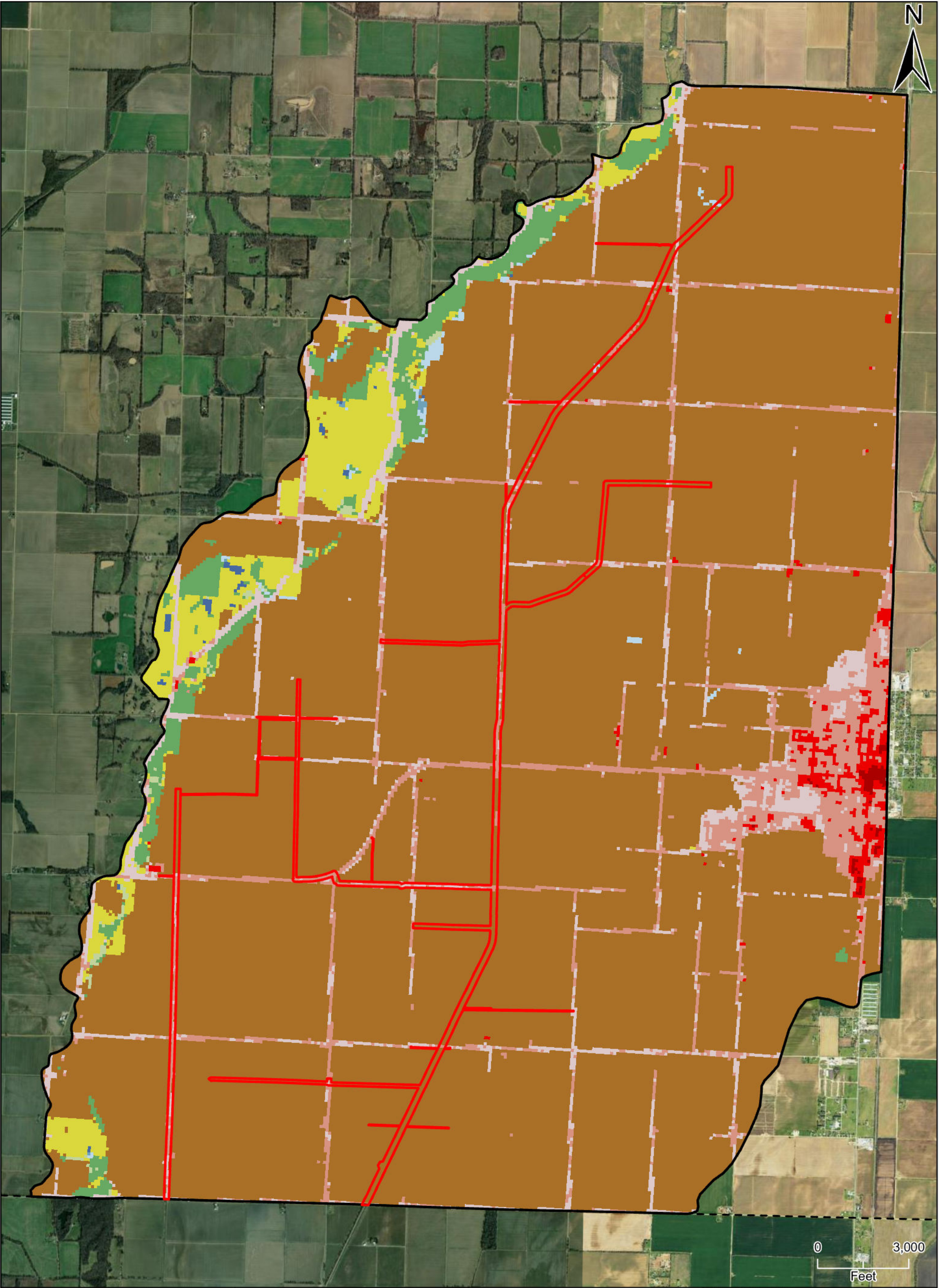
Legend Project Area HUC12 Subwatershed Stoddard County	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	PROJECT NO. 70015.24	
		DATE 12/12/2025	
	USGS Topography West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	DRAWN BY: LHN	REVIEWED BY: IJM
		Figure 2	



Legend Project Area HUC12 Subwatershed Stoddard County Mississippi Delta Cotton and Feed Grains Region South Atlantic and Gulf Slope Cash Crops, Forest, and Livestock Region	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	USGS Major Land Resource Areas	PROJECT NO. 70015.24	
		West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	DATE 12/12/2025	
			DRAWN BY: LHN	REVIEWED BY: IJM
			Figure 3	



Legend Project Area HUC12 Subwatershed Stoddard County Bluff Hills St. Francis Lowlands Western Lowlands Pleistocene Valley Trains <td data-cs="2" data-kind="parent"> USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE </td>	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE
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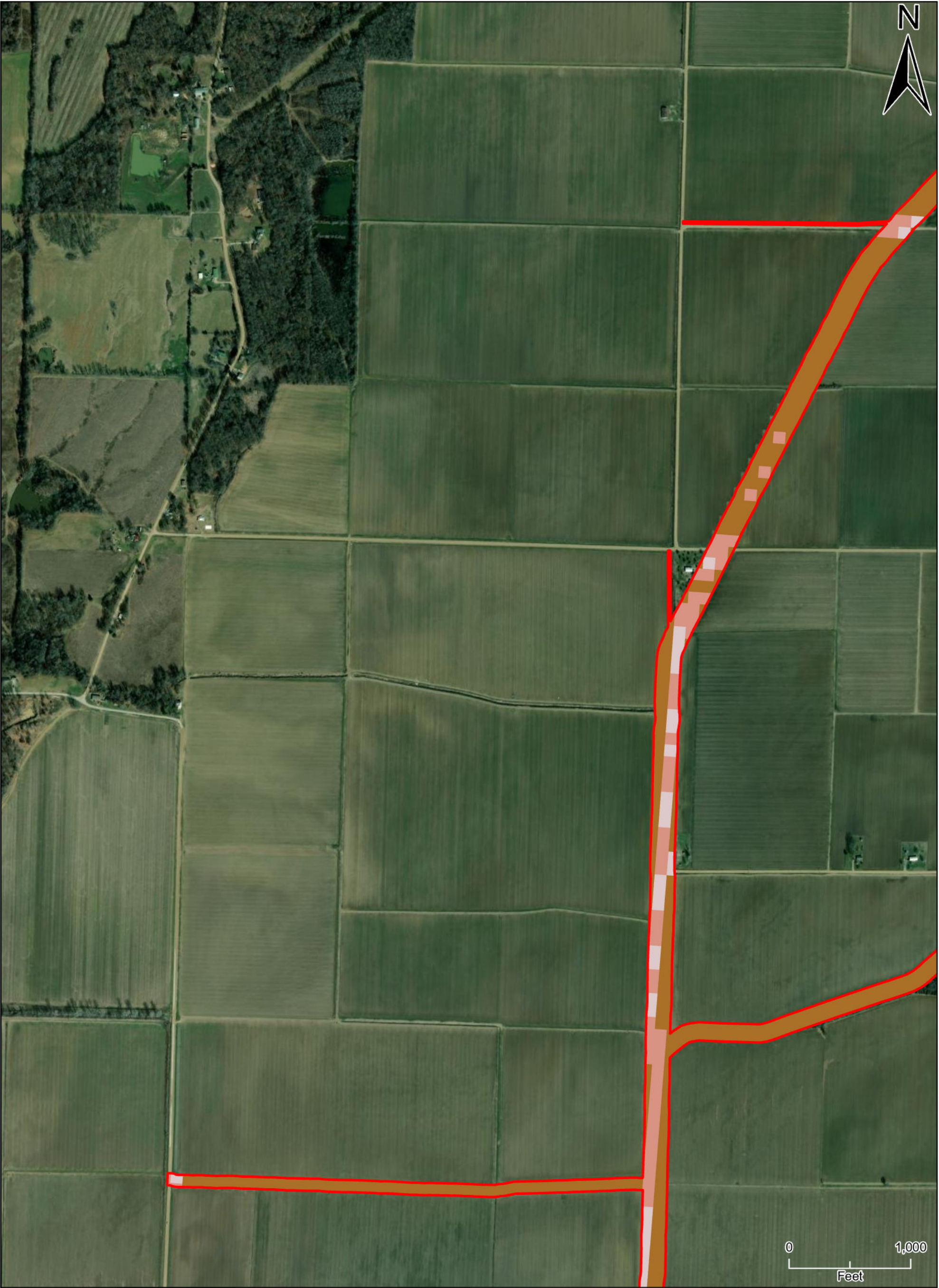
Legend Project Area HUC12 Subwatershed Stoddard County Open Water Developed, Open Space Developed, Low Intensity Developed, Medium Intensity Developed, High Intensity Deciduous Forest Mixed Forest Pasture/Hay Cultivated Crops Woody Wetlands Emergent Herbaceous Wetlands	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	MLRC 2024 Land Use West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	<table><tr><td data-bbox="1473 2654 1709 2744"> PROJECT NO. 70015.24 </td><td data-bbox="1709 2654 1951 2744"> DATE 12/12/2025 </td></tr><tr><td data-bbox="1473 2744 1709 2937"> DRAWN BY: LHN </td><td data-bbox="1709 2744 1951 2937"> REVIEWED BY: IJM </td></tr><tr><td colspan="2" data-bbox="1473 2937 1951 3036"> Figure 5 </td></tr></table>	PROJECT NO. 70015.24	DATE 12/12/2025	DRAWN BY: LHN	REVIEWED BY: IJM	Figure 5	
PROJECT NO. 70015.24	DATE 12/12/2025								
DRAWN BY: LHN	REVIEWED BY: IJM								
Figure 5									



Legend Project Area HUC12 Subwatershed Stoddard County Developed, Open Space Developed, Low Intensity Cultivated Crops Woody Wetlands USDA United States Department of Agriculture Natural Resources Conservation Service	MLRC 2024 Land Use West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	PROJECT NO. 70015.24	
		DATE 2/4/2026	
		DRAWN BY: LHN	REVIEWED BY: IJM
		Figure 5a	



Legend Project Area HUC12 Subwatershed Stoddard County Developed, Open Space Developed, Low Intensity Cultivated Crops Woody Wetlands		USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	MLRC 2024 Land Use		PROJECT NO. 70015.24	
					DATE 2/4/2026	
			West Ditch Main Ditch Watershed Plan Stoddard County, Missouri		DRAWN BY: LHN	REVIEWED BY: IJM
				Figure 5b		



Legend Project Area HUC12 Subwatershed Stoddard County Developed, Open Space Developed, Low Intensity Cultivated Crops Woody Wetlands		USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	MLRC 2024 Land Use		PROJECT NO. 70015.24	
					DATE 2/4/2026	
			West Ditch Main Ditch Watershed Plan Stoddard County, Missouri		DRAWN BY: LHN	REVIEWED BY: IJM
				Figure 5c		



Legend Project Area HUC12 Subwatershed Stoddard County Developed, Open Space Developed, Low Intensity Cultivated Crops Woody Wetlands USDA United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	PROJECT NO. 70015.24	
	DATE 2/4/2026	
	DRAWN BY: LHN	REVIEWED BY: IJM
	Figure 5d	



Legend Project Area HUC12 Subwatershed Stoddard County Developed, Open Space Developed, Low Intensity Cultivated Crops Woody Wetlands		USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	MLRC 2024 Land Use		PROJECT NO. 70015.24	
					DATE 2/4/2026	
			West Ditch Main Ditch Watershed Plan Stoddard County, Missouri		DRAWN BY: LHN	REVIEWED BY: IJM
				Figure 5e		

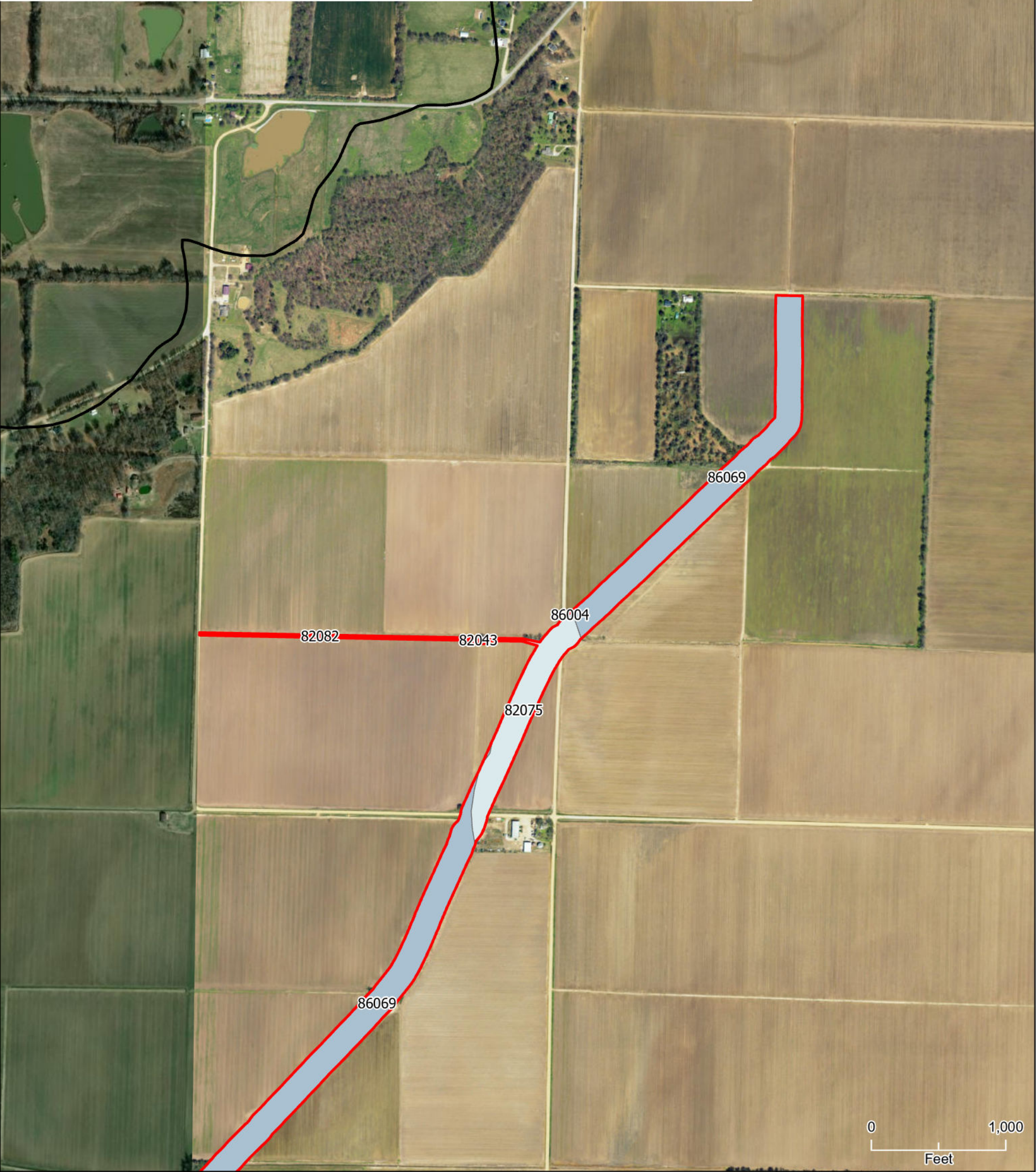


Legend Project Area HUC12 Subwatershed Stoddard County Developed, Open Space Developed, Low Intensity Cultivated Crops Woody Wetlands	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	MLRC 2024 Land Use	PROJECT NO. 70015.24		
		West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	DATE 2/4/2026	DRAWN BY: LHN	REVIEWED BY: IJM
			Figure 5f		



Legend Project Area HUC12 Subwatershed Stoddard County Developed, Open Space Developed, Low Intensity Cultivated Crops Woody Wetlands USDA United States Department of Agriculture Natural Resources Conservation Service JOINT VENTURE	MLRC 2024 Land Use		PROJECT NO. 70015.24	
	West Ditch Main Ditch Watershed Plan Stoddard County, Missouri		DATE 2/4/2026	
			DRAWN BY: LHN	REVIEWED BY: IJM
			Figure 5g	

Map Unit Symbol	Map Unit Name	Hydric Rating	Acres in ROW	% of ROW
82029	Canalou loamy sand, 0 to 1 percent slopes, rarely flooded	3	8.8	0.026
82043	Farrenburg fine sandy loam, 0 to 1 percent slopes, rarely flooded	3	0.3	0.001
82058	Wardell loam, 0 to 1 percent slopes, rarely flooded	100	0.8	0.002
82075	Overcup silt loam, 0 to 1 percent slopes, rarely flooded	100	14.2	0.042
82082	Lilbourn fine sandy loam, 0 to 1 percent slopes, rarely flooded	100	138.7	0.406
82094	Dundee loam, 0 to 1 percent slopes, rarely flooded	10	23.7	0.069
86004	Forestdale silty clay loam, 0 to 1 percent slopes, occasionally flooded	100	1.8	0.005
86015	Commerce silt loam, 0 to 1 percent slopes, rarely flooded	3	1.9	0.006
86030	Gideon loam, 0 to 1 percent slopes, occasionally flooded	100	32.8	0.096
86048	Roellen silty clay, 0 to 1 percent slopes, occasionally flooded	100	0.6	0.002
86062	Sikeston loam, 0 to 1 percent slopes, occasionally flooded	90	16.1	0.047
86069	Tuckerman fine sandy loam, 0 to 1 percent slopes, rarely flooded	91	97.9	0.287
90310	Falaya silt loam, 0 to 3 percent slopes	9	3.4	0.01



Project Area

HUC12 Subwatershed

Stoddard County

Not prime farmland

Prime farmland if drained

All areas are prime farmland

Farmland of statewide importance

USDA

NRCS

United States Department of Agriculture

Natural Resources Conservation Service

CONSERVATIONWORKS

JOINT VENTURE

NRCS Web Soil Survey

West Ditch Main Ditch Watershed Plan

Stoddard County, Missouri

PROJECT NO.

70015.24

DATE

12/12/2025

DRAWN BY:

LHN

REVIEWED BY:

IJM

Figure 6a

Scale: 1:9,000

C-13

State of Missouri, Vantor

Map Unit Symbol	Map Unit Name	Hydric Rating	Acres in ROW	% of ROW
82029	Canalou loamy sand, 0 to 1 percent slopes, rarely flooded	3	8.8	0.026
82043	Farrenburg fine sandy loam, 0 to 1 percent slopes, rarely flooded	3	0.3	0.001
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Legend Project Area HUC12 Subwatershed Stoddard County Not prime farmland Prime farmland if drained All areas are prime farmland Farmland of statewide importance		USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	NRCS Web Soil Survey		PROJECT NO. 70015.24	
					DATE 12/12/2025	
			West Ditch Main Ditch Watershed Plan Stoddard County, Missouri		DRAWN BY: LHN	REVIEWED BY: IJM
				Figure 6b		

Map Unit Symbol	Map Unit Name	Hydric Rating	Acres in ROW	% of ROW
82029	Canalou loamy sand, 0 to 1 percent slopes, rarely flooded	3	8.8	0.026
82043	Farrenburg fine sandy loam, 0 to 1 percent slopes, rarely flooded	3	0.3	0.001
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Project Area

HUC12 Subwatershed

Stoddard County

Not prime farmland

Prime farmland if drained

All areas are prime farmland

Farmland of statewide importance

USDA

NRCS

United States Department of Agriculture

Natural Resources Conservation Service

CONSERVATIONWORKS

JOINT VENTURE

NRCS Web Soil Survey

West Ditch Main Ditch Watershed Plan

Stoddard County, Missouri

PROJECT NO.

70015.24

DATE

12/12/2025

DRAWN BY:

LHN

REVIEWED BY:

IJM

Figure 6c

Scale: 1:9,000

C-15

State of Missouri, Vantor

Map Unit Symbol	Map Unit Name	Hydric Rating	Acres in ROW	% of ROW
82029	Canalou loamy sand, 0 to 1 percent slopes, rarely flooded	3	8.8	0.026
82043	Farrenburg fine sandy loam, 0 to 1 percent slopes, rarely flooded	3	0.3	0.001
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Project Area

HUC12 Subwatershed

Stoddard County

Not prime farmland

Prime farmland if drained

All areas are prime farmland

Farmland of statewide importance

USDA

NRCS

United States Department of Agriculture

Natural Resources Conservation Service

CONSERVATIONWORKS

JOINT VENTURE

NRCS Web Soil Survey

West Ditch Main Ditch Watershed Plan

Stoddard County, Missouri

PROJECT NO.

70015.24

DATE

12/12/2025

DRAWN BY:

LHN

REVIEWED BY:

IJM

Figure 6d

Scale: 1:9,000

C-16

State of Missouri, Vantor

Map Unit Symbol	Map Unit Name	Hydric Rating	Acres in ROW	% of ROW
82029	Canalou loamy sand, 0 to 1 percent slopes, rarely flooded	3	8.8	0.026
82043	Farrenburg fine sandy loam, 0 to 1 percent slopes, rarely flooded	3	0.3	0.001
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Project Area

HUC12 Subwatershed

Stoddard County

Not prime farmland

Prime farmland if drained

All areas are prime farmland

Farmland of statewide importance

USDA

NRCS

United States Department of Agriculture

Natural Resources Conservation Service

CONSERVATIONWORKS

JOINT VENTURE

NRCS Web Soil Survey

West Ditch Main Ditch Watershed Plan

Stoddard County, Missouri

PROJECT NO.

70015.24

DATE

12/12/2025

DRAWN BY:

LHN

REVIEWED BY:

IJM

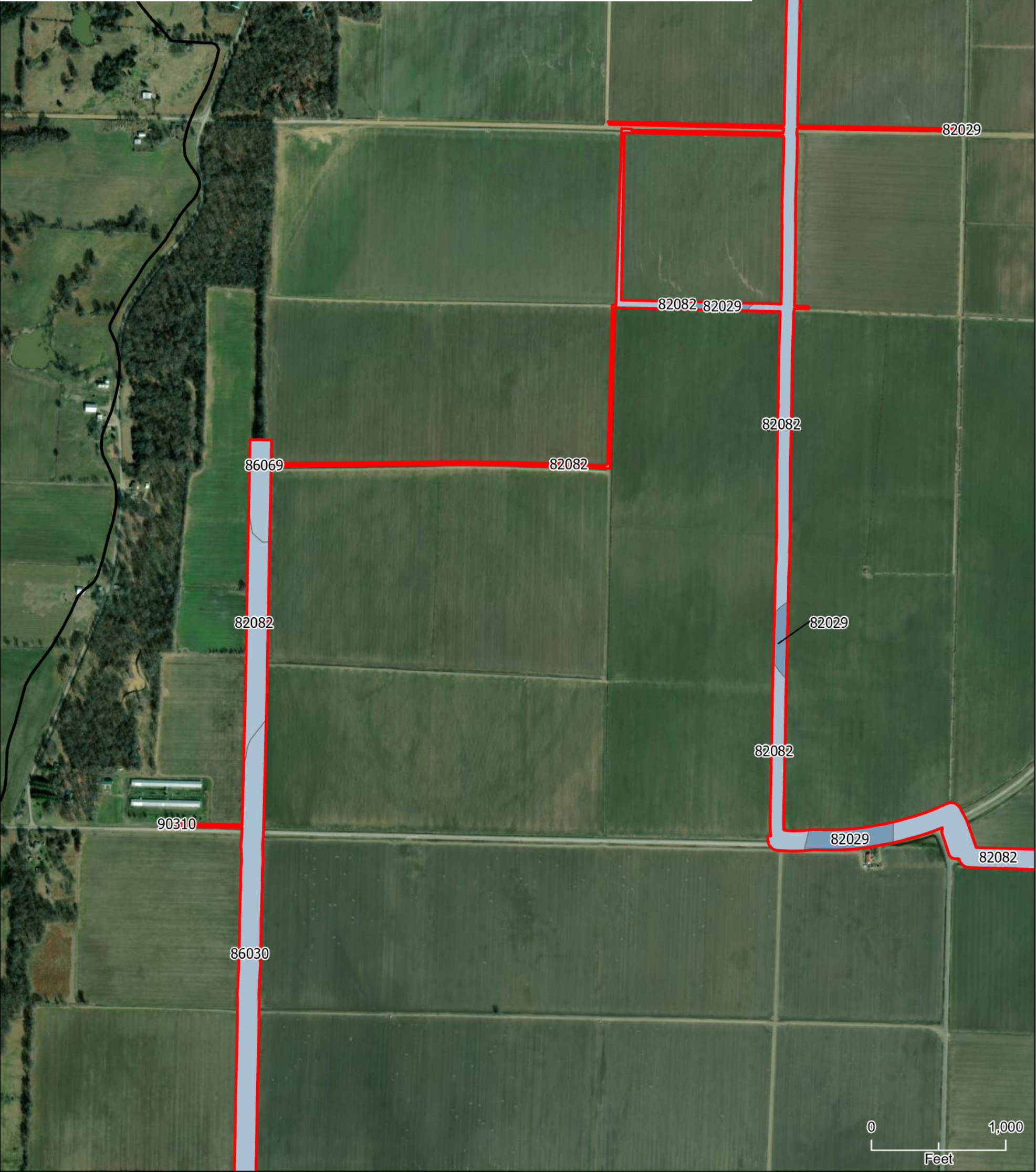
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Scale: 1:9,000

C-17

State of Missouri, Vantor

Map Unit Symbol	Map Unit Name	Hydric Rating	Acres in ROW	% of ROW
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Project Area

HUC12 Subwatershed

Stoddard County

Not prime farmland

Prime farmland if drained

All areas are prime farmland

Farmland of statewide importance

USDA

NRCS

United States Department of Agriculture

Natural Resources Conservation Service

CONSERVATIONWORKS

JOINT VENTURE

NRCS Web Soil Survey

West Ditch Main Ditch Watershed Plan

Stoddard County, Missouri

PROJECT NO.

70015.24

DATE

12/12/2025

DRAWN BY:

LHN

REVIEWED BY:

IJM

Figure 6f

Scale: 1:9,000

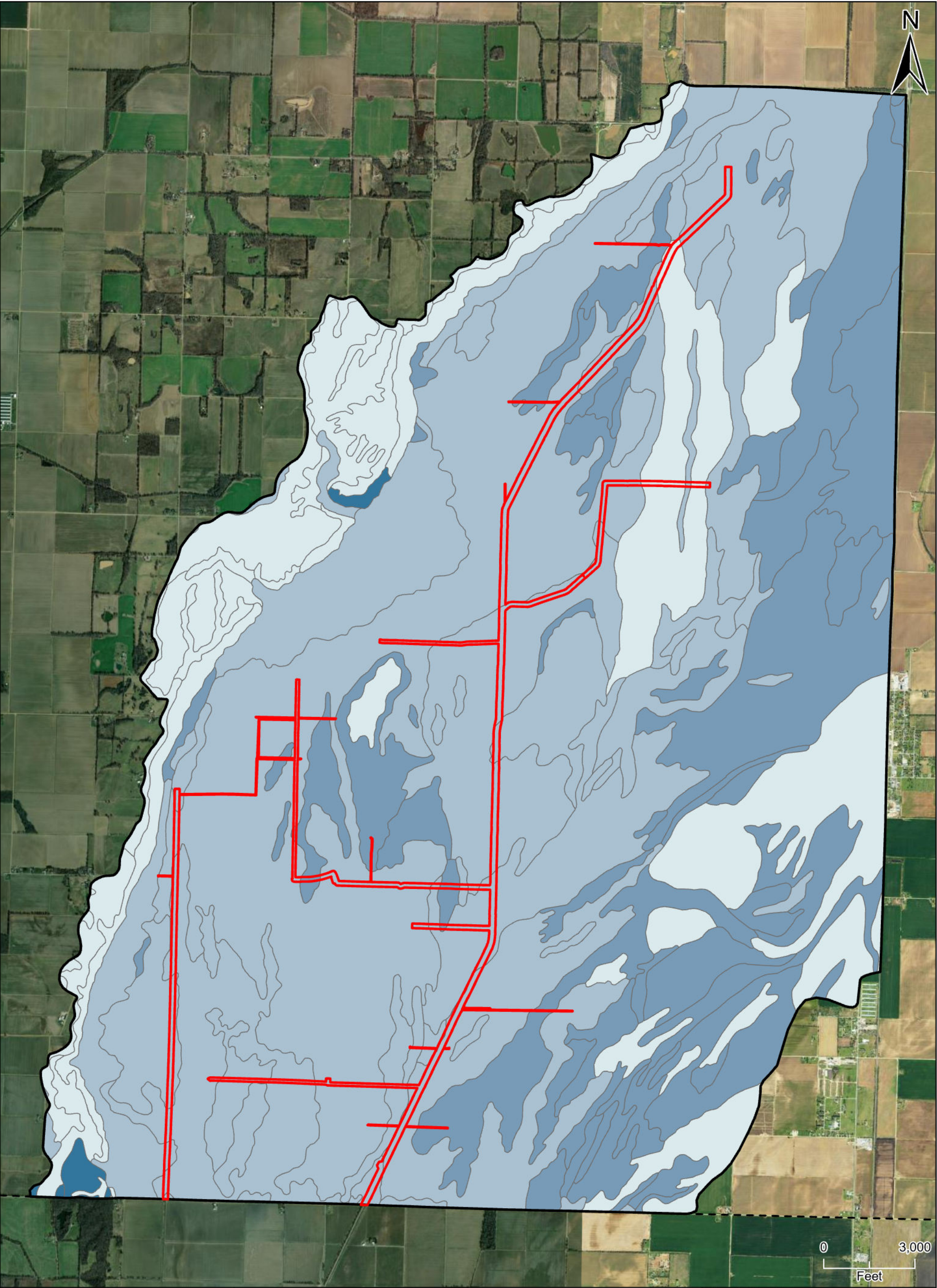
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State of Missouri, Vantor

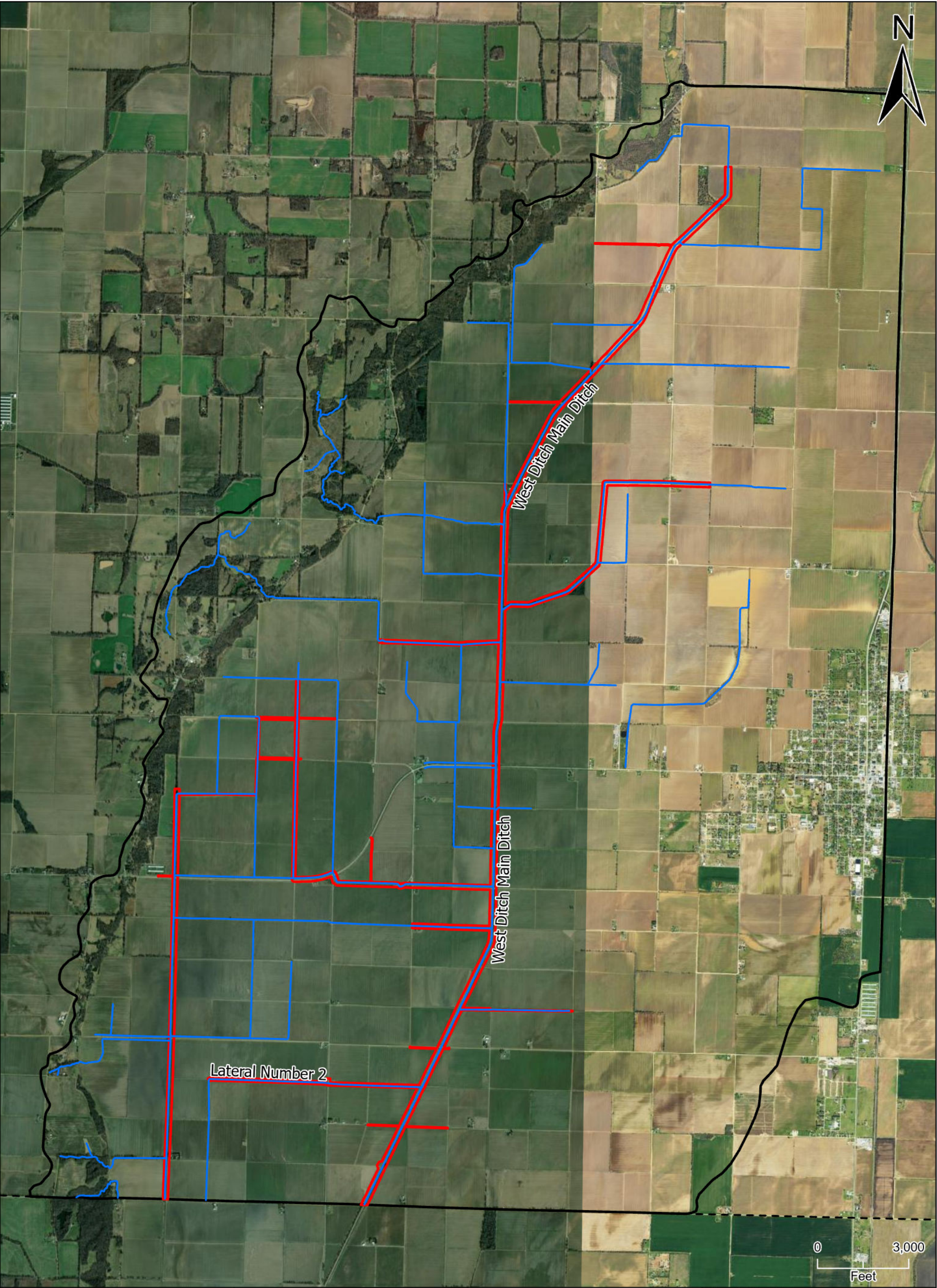
Map Unit Symbol	Map Unit Name	Hydric Rating	Acres in ROW	% of ROW
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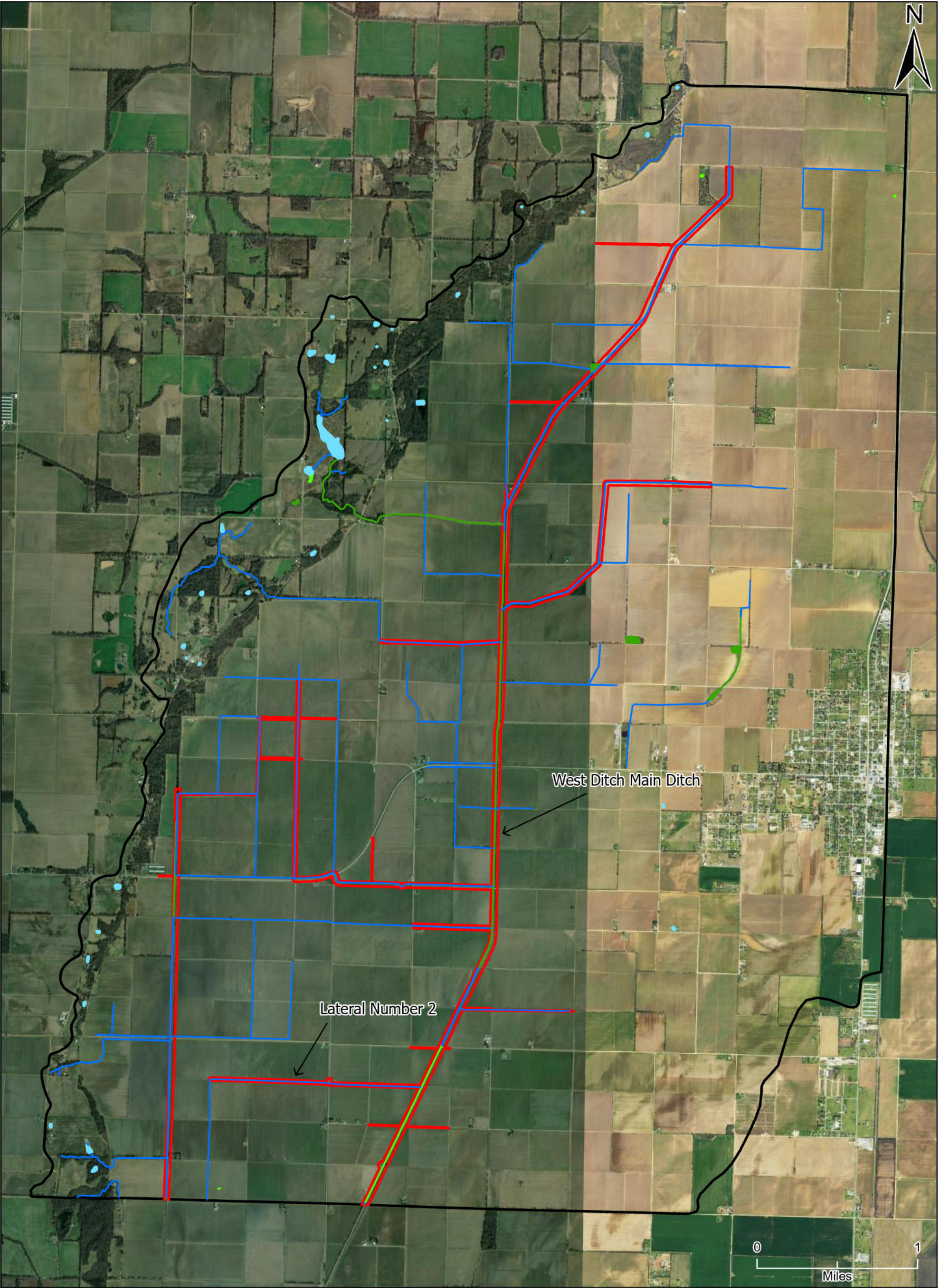
Legend Project Area HUC12 Subwatershed Stoddard County Not prime farmland Prime farmland if drained All areas are prime farmland Farmland of statewide importance		USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	NRCS Web Soil Survey	PROJECT NO. 70015.24	
			West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	DATE 12/12/2025	
				DRAWN BY: LHN	REVIEWED BY: IJM
				Figure 6g	



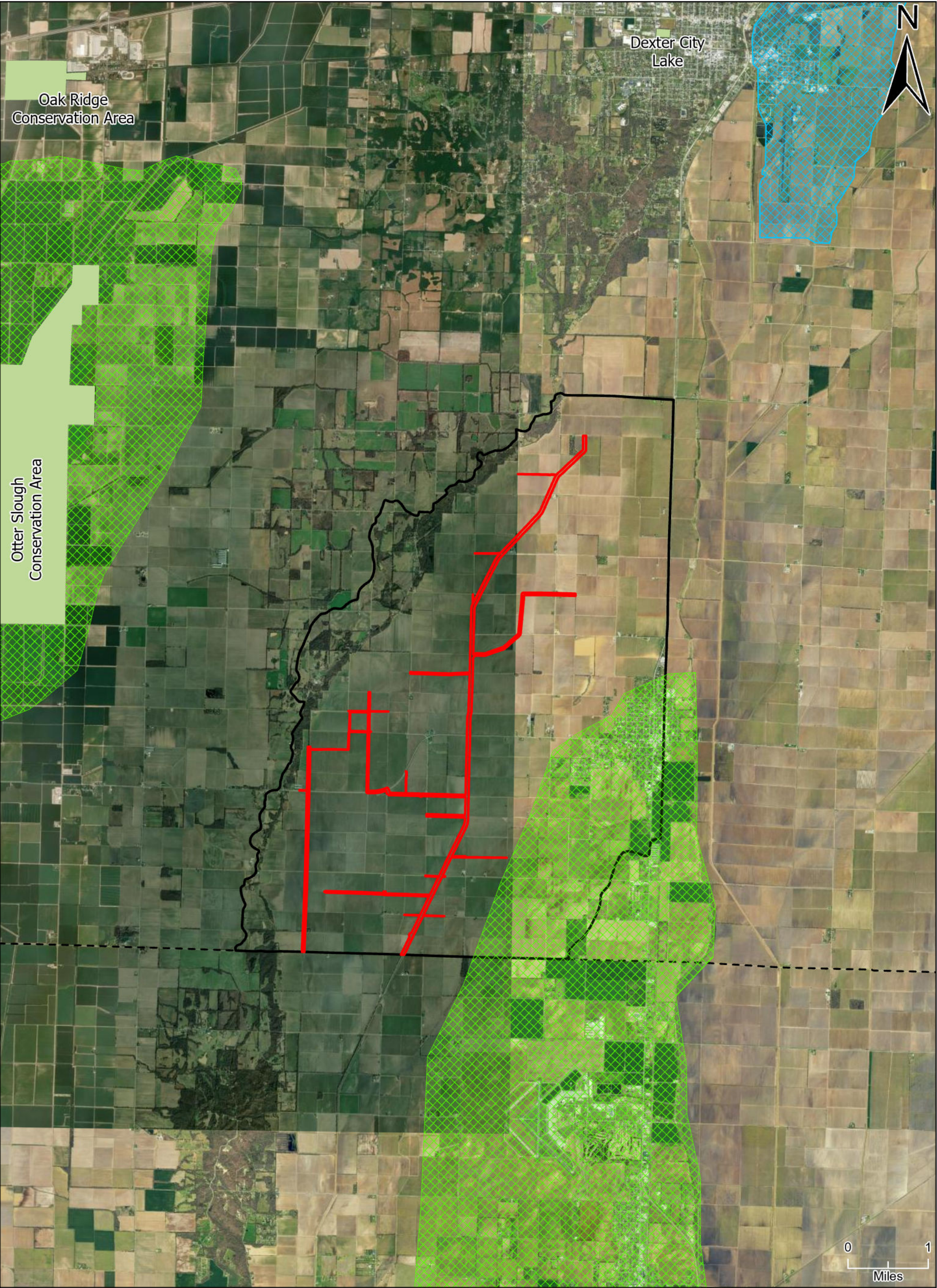
Legend Project Area HUC12 Subwatershed Stoddard County Not prime farmland Prime farmland if drained All areas are prime farmland Farmland of statewide importance	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	PROJECT NO. 70015.24	
		DATE 12/12/2025	
	Web Soil Survey Prime Farmland West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	DRAWN BY: LHN	REVIEWED BY: IJM
		Figure 7	



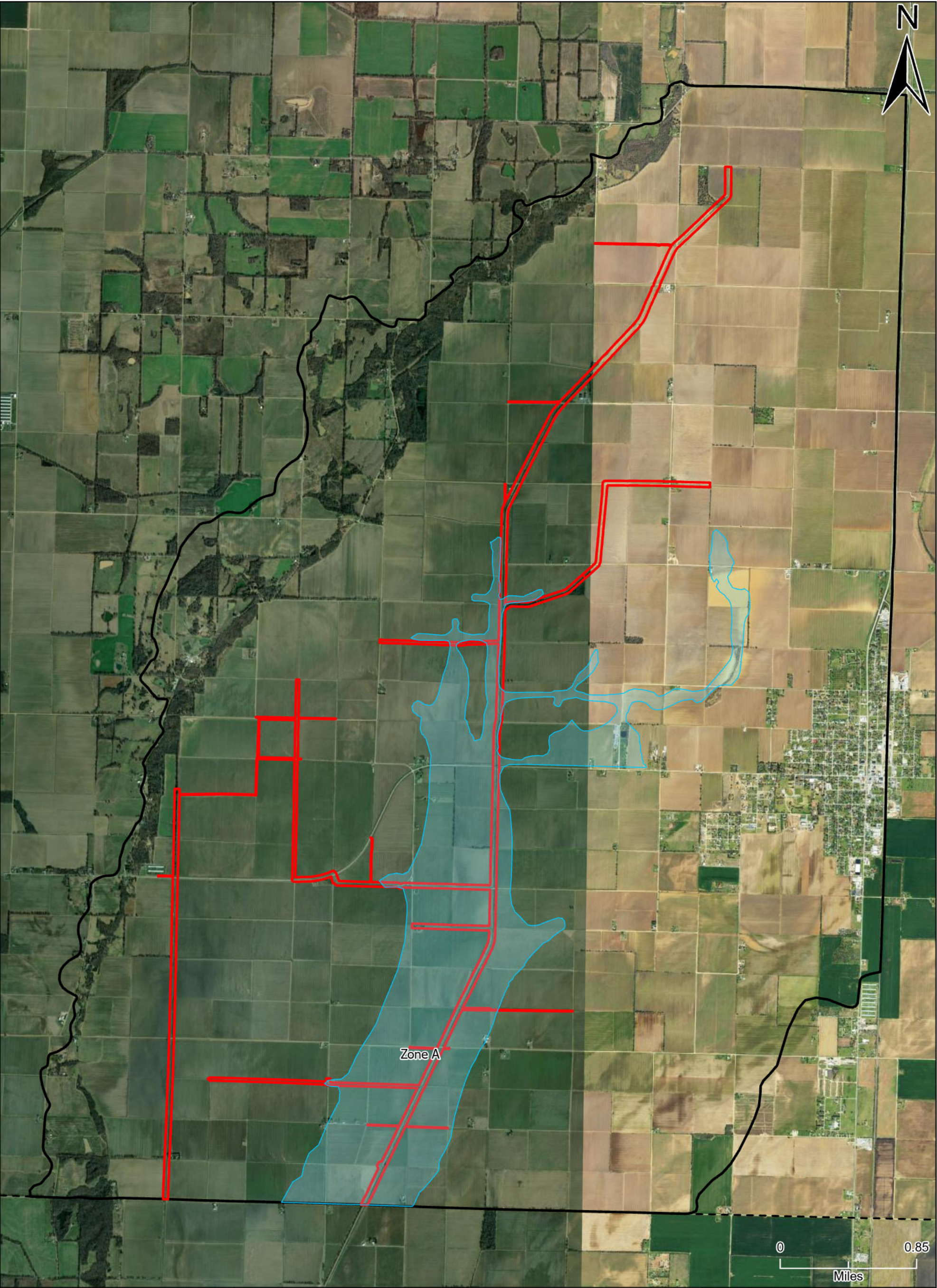
Legend Project Area HUC12 Subwatershed Stoddard County Stream (Ditch)	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	National Hydrography Dataset	PROJECT NO. 70015.24	
			DATE 2/10/2026	
		West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	DRAWN BY: LHN	REVIEWED BY: IJM
			Figure 8	



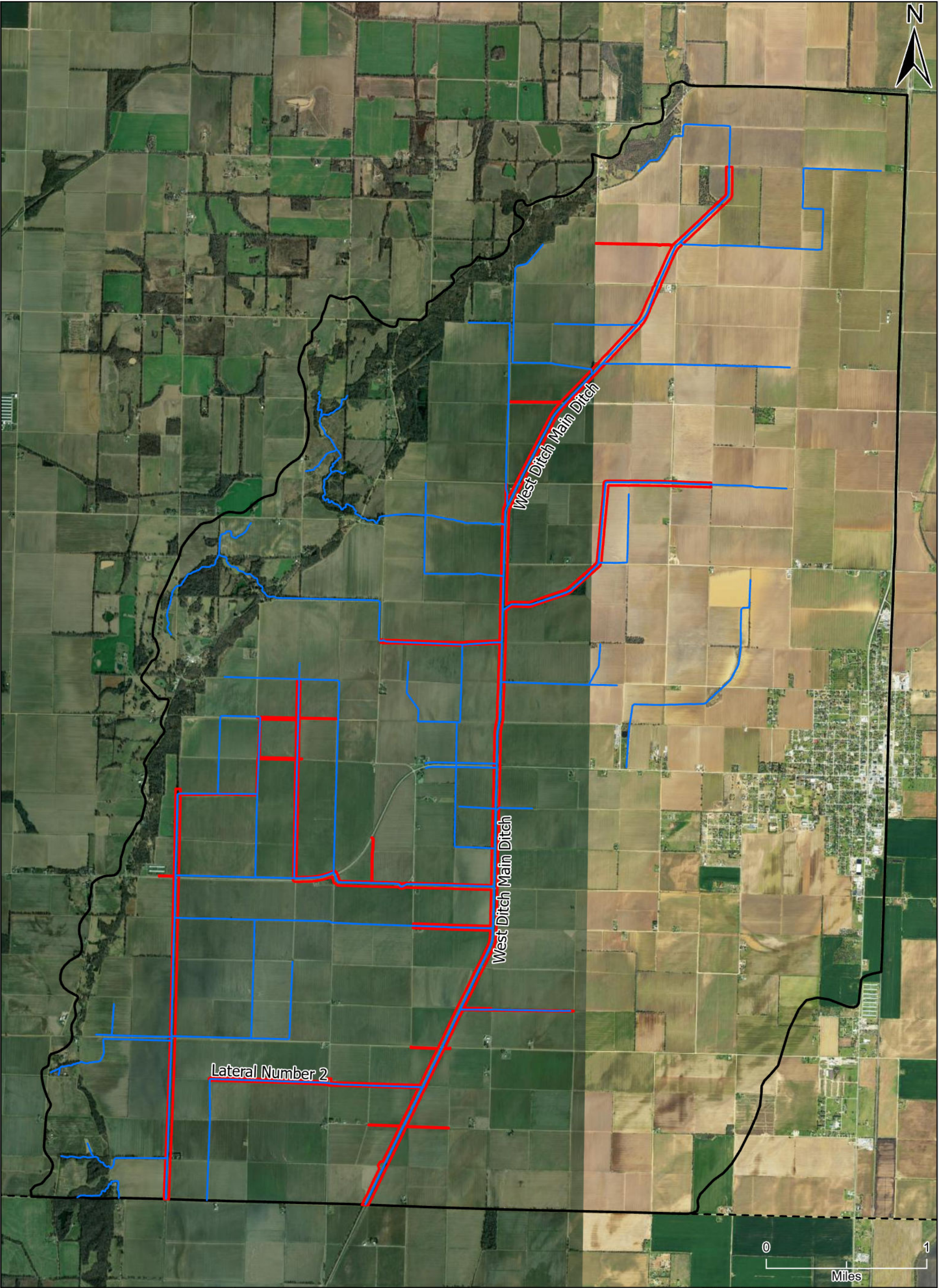
Legend Project Area Freshwater Emergent Wetland Freshwater Forested/Shrub Wetland Freshwater Pond Riverine	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	USFWS National Wetlands Inventory	PROJECT NO. 70015.24	
			DATE 2/5/2026	
		West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	DRAWN BY: LHN	REVIEWED BY: IJM
			Figure 9	



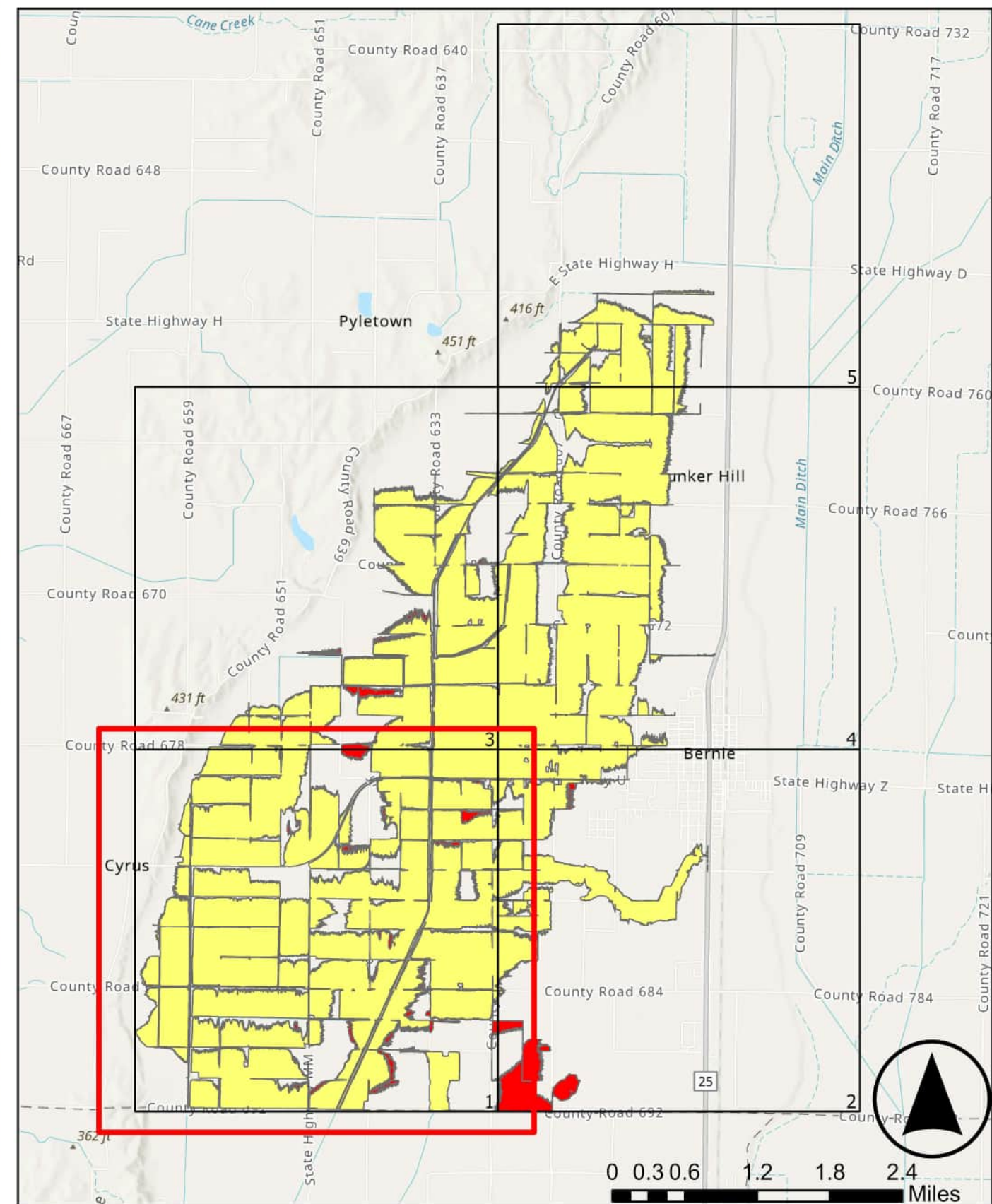
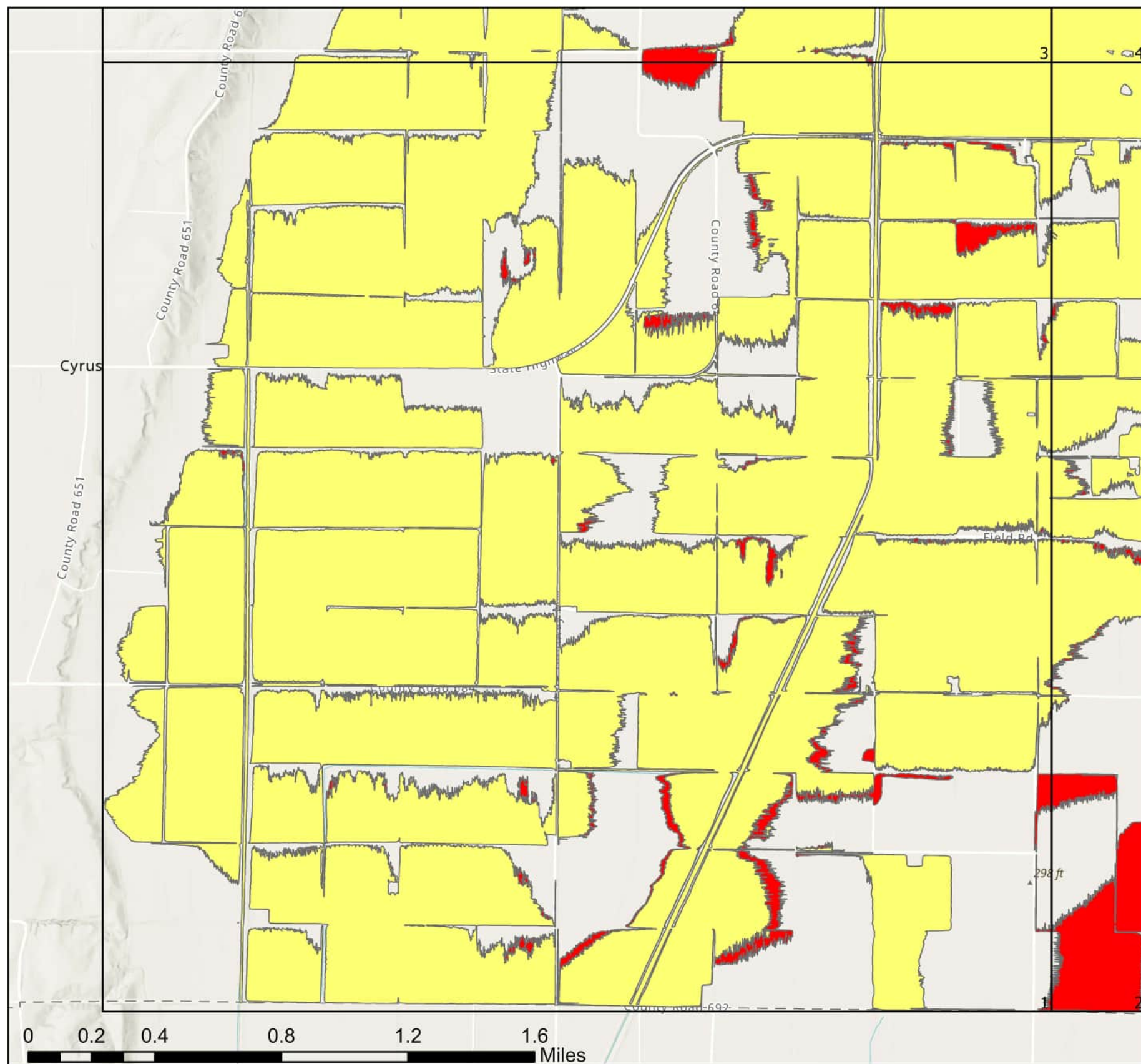
Legend Project Area Stoddard County HUC12 Subwatershed MDC Conservation Area Aquatic Opportunity Areas Terrestrial Opportunity Areas	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	Missouri Department of Conservation Natural Areas	PROJECT NO. 70015.24		
			DATE 2/11/2026		
		West Ditch Main Ditch Watershed Plan Stoddard County, Missouri		DRAWN BY: LHN	REVIEWED BY: IJM
				Figure 10	



Legend Stoddard County Project Area HUC12 Subwatershed Zone A	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	FEMA Floodplain Map Panel 2908450250B Eff. 07/01/1987	PROJECT NO. 70015.24	
			DATE 12/12/2025	
		West Ditch Main Ditch Watershed Plan Stoddard County, Missouri	DRAWN BY: LHN	REVIEWED BY: IJM
			Figure 11	



Legend Stoddard County Project Area HUC12 Subwatershed Stream (Ditch)	USDA NRCS United States Department of Agriculture Natural Resources Conservation Service CONSERVATIONWORKS JOINT VENTURE	Missouri 303(d) Impaired Waters	PROJECT NO. 70015.24		
			DATE 2/11/2026		
		West Ditch Main Ditch Watershed Plan Stoddard County, Missouri		DRAWN BY: LHN	REVIEWED BY: IJM
				Figure 12	



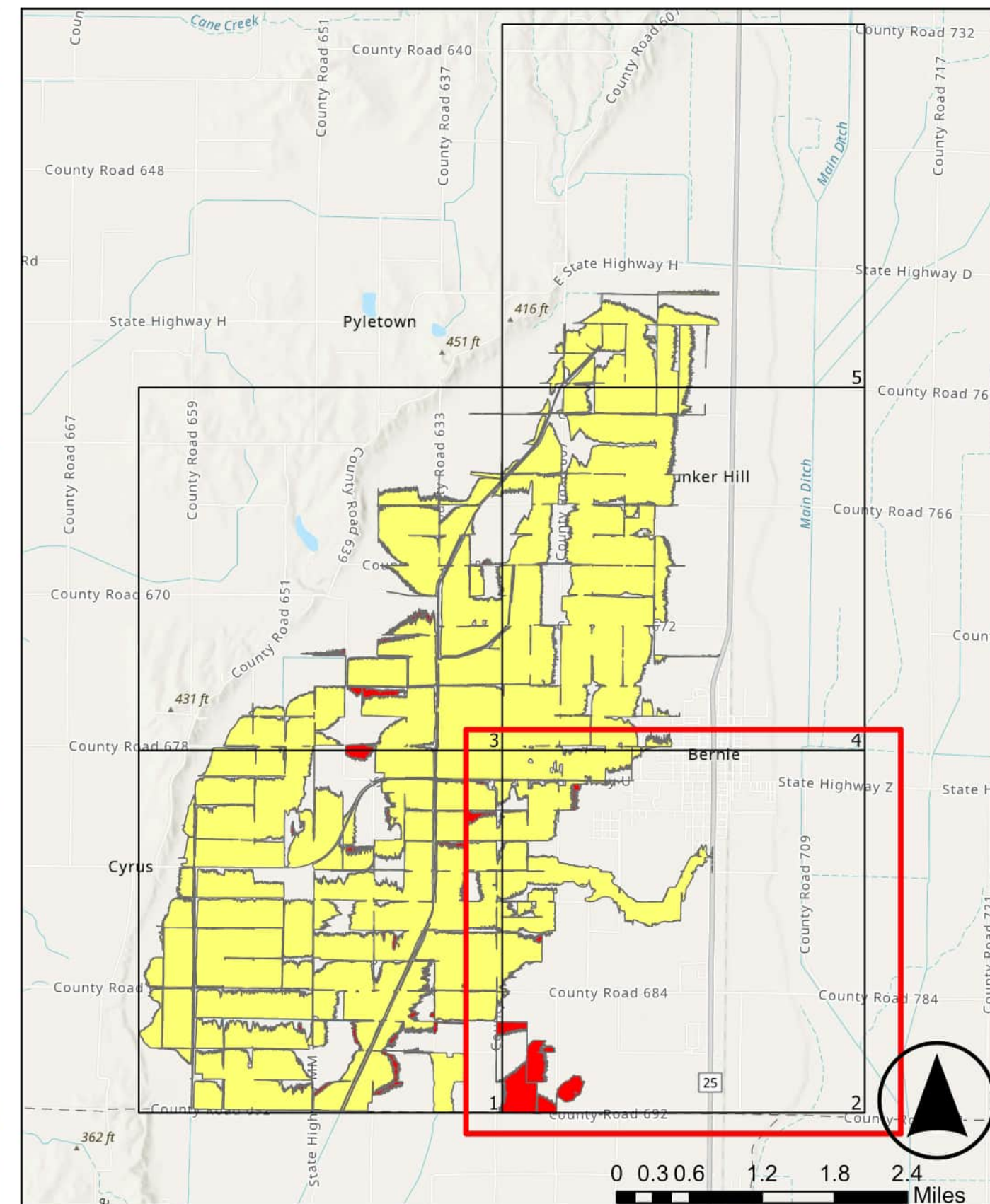
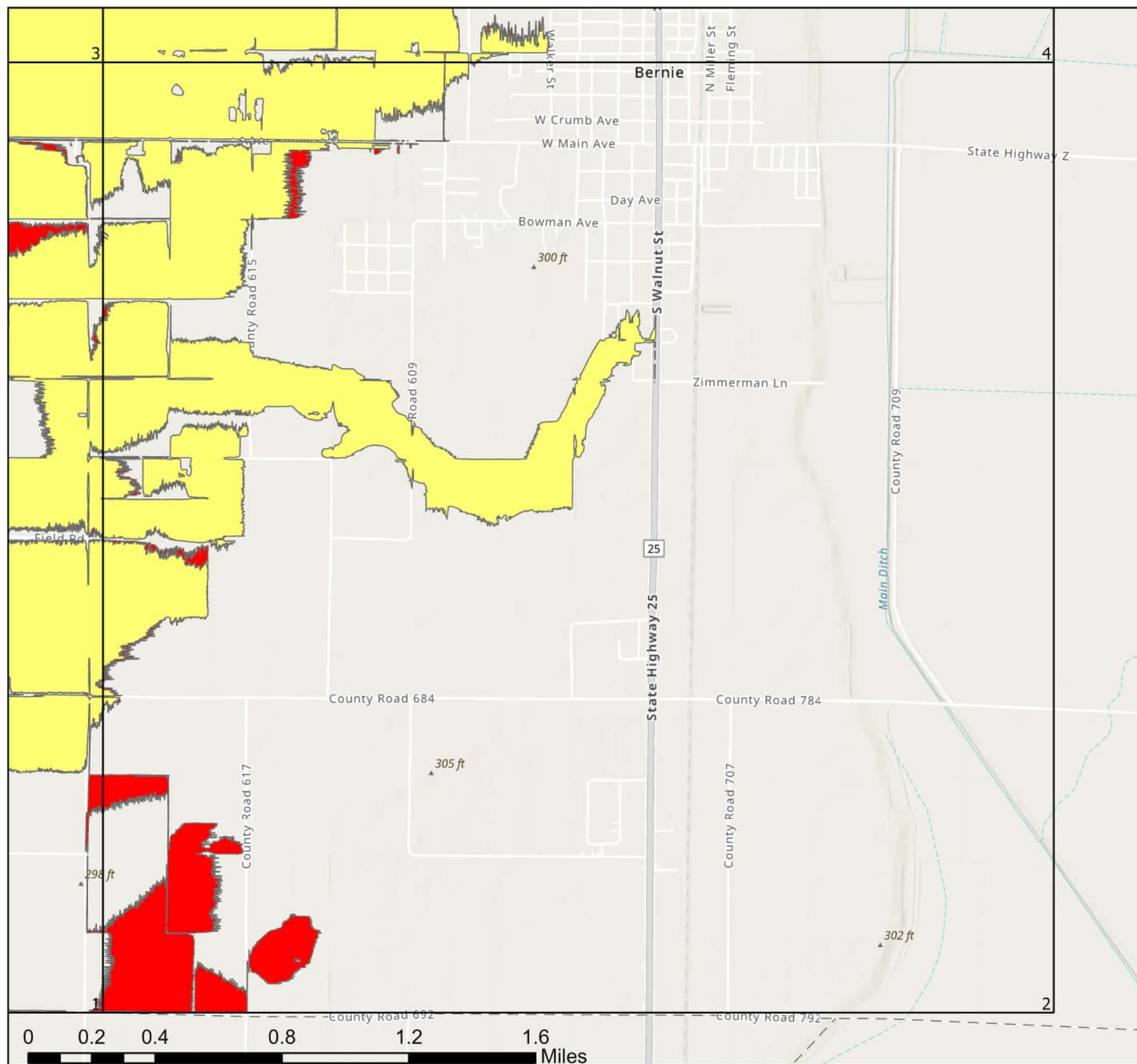
100yr Floodplain Comparison

Main Ditch Watershed
Stoddard County, MO

100yr Without Project
100yr With Project
100yr Area of Overlap

C-26





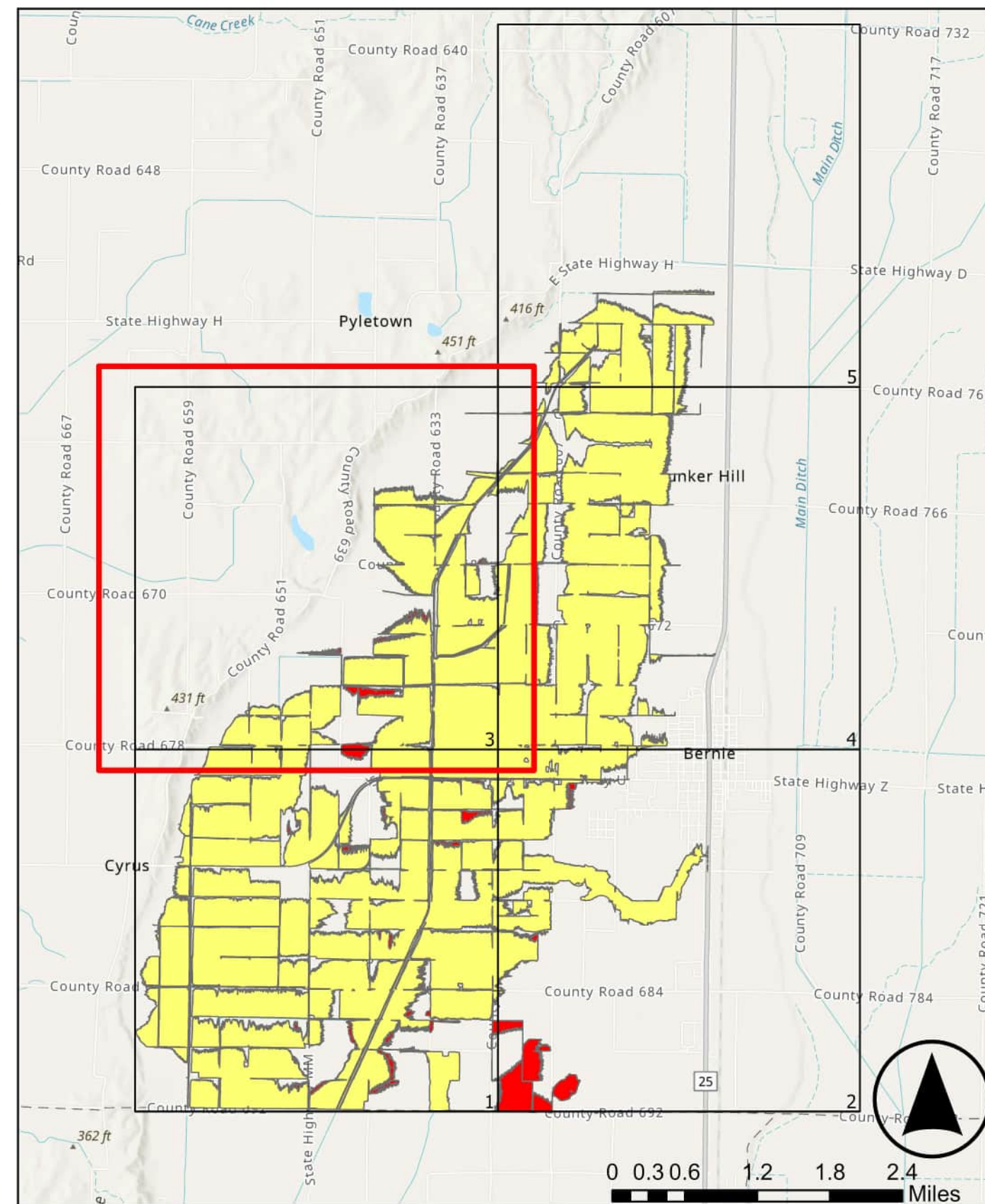
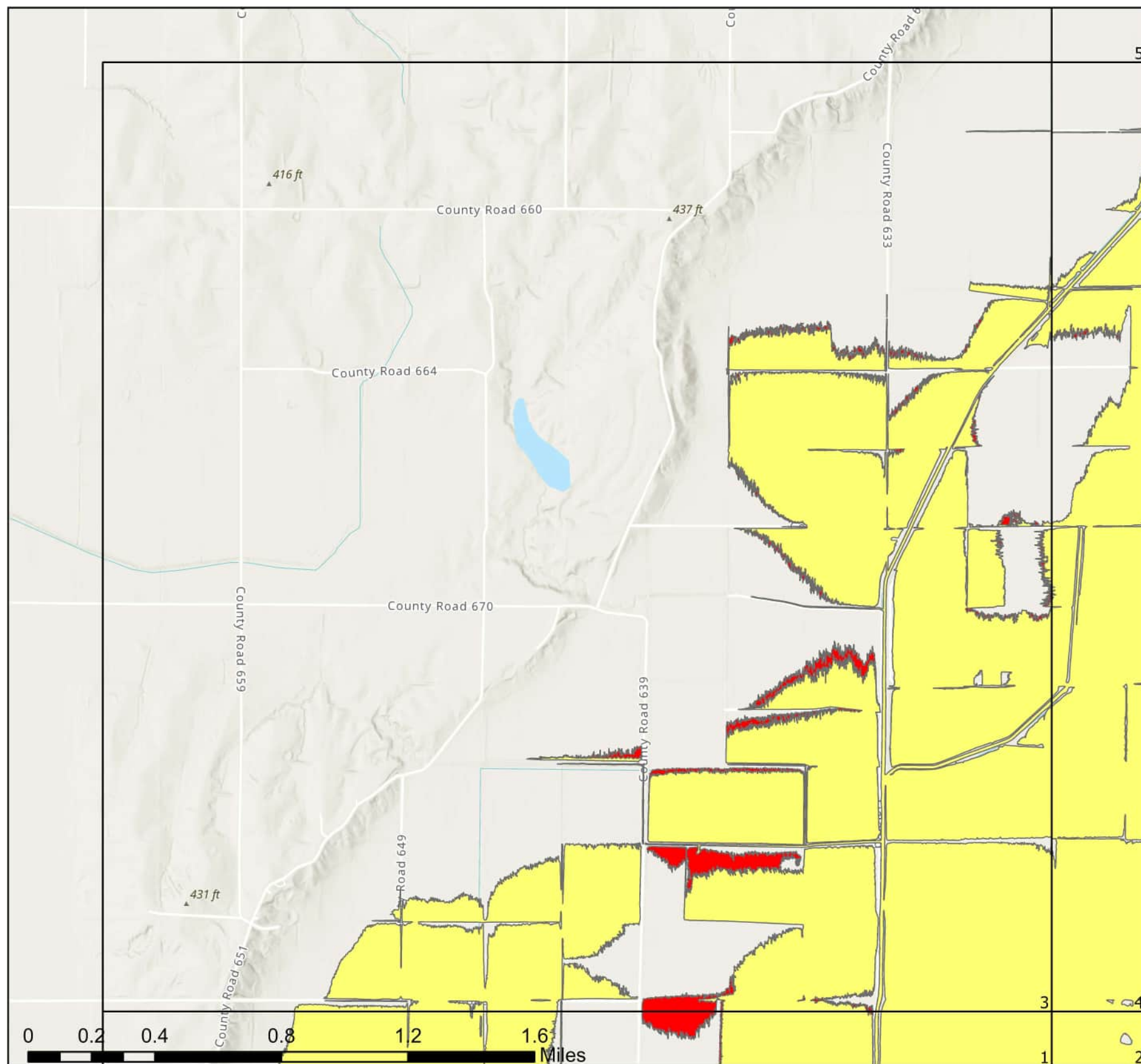
100yr Floodplain Comparison

Main Ditch Watershed
Stoddard County, MO

100yr Without Project
100yr With Project
100yr Area of Overlap

C-27





100yr Floodplain Comparison

Main Ditch Watershed
Stoddard County, MO

100yr Without Project
100yr With Project
100yr Area of Overlap

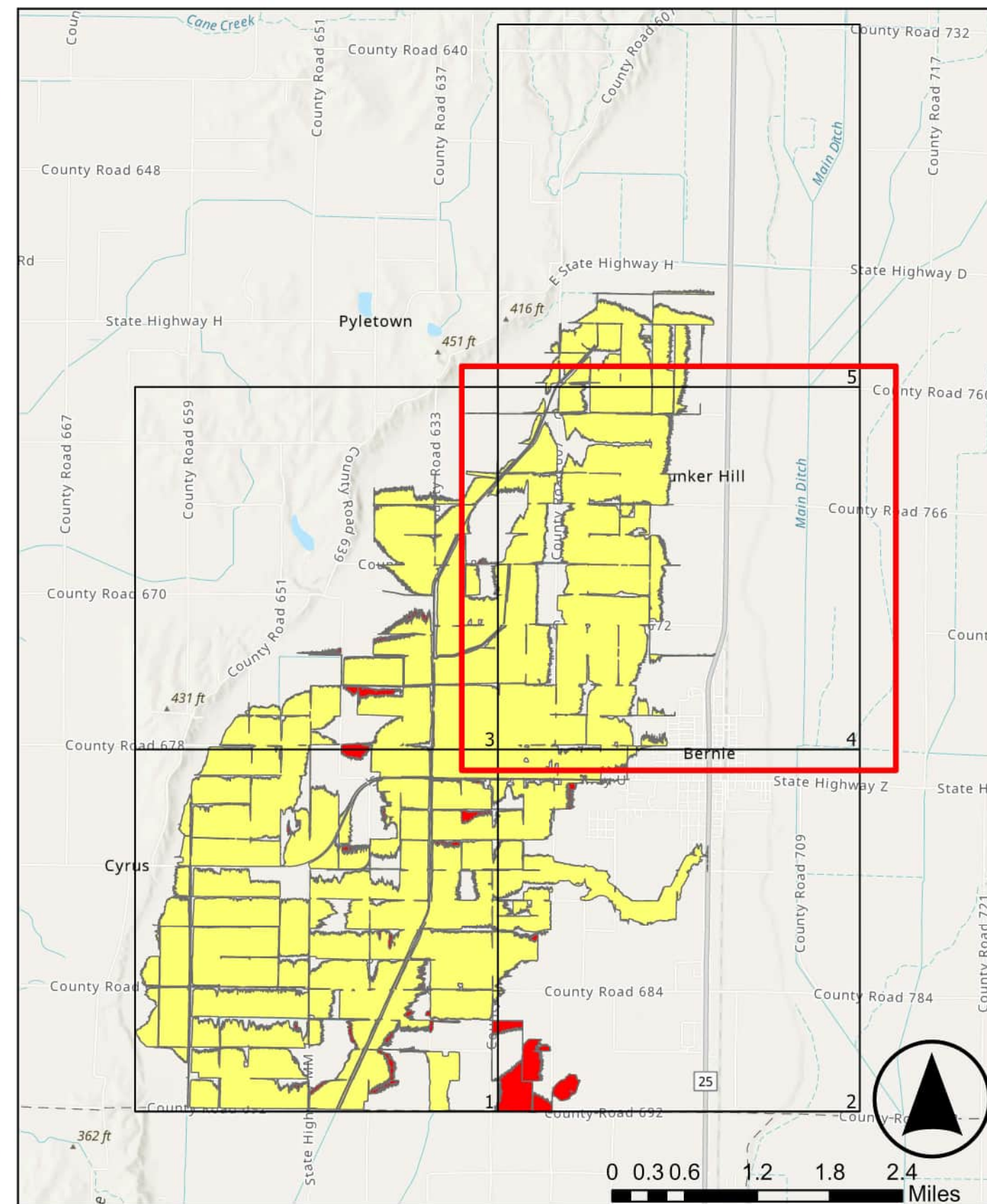
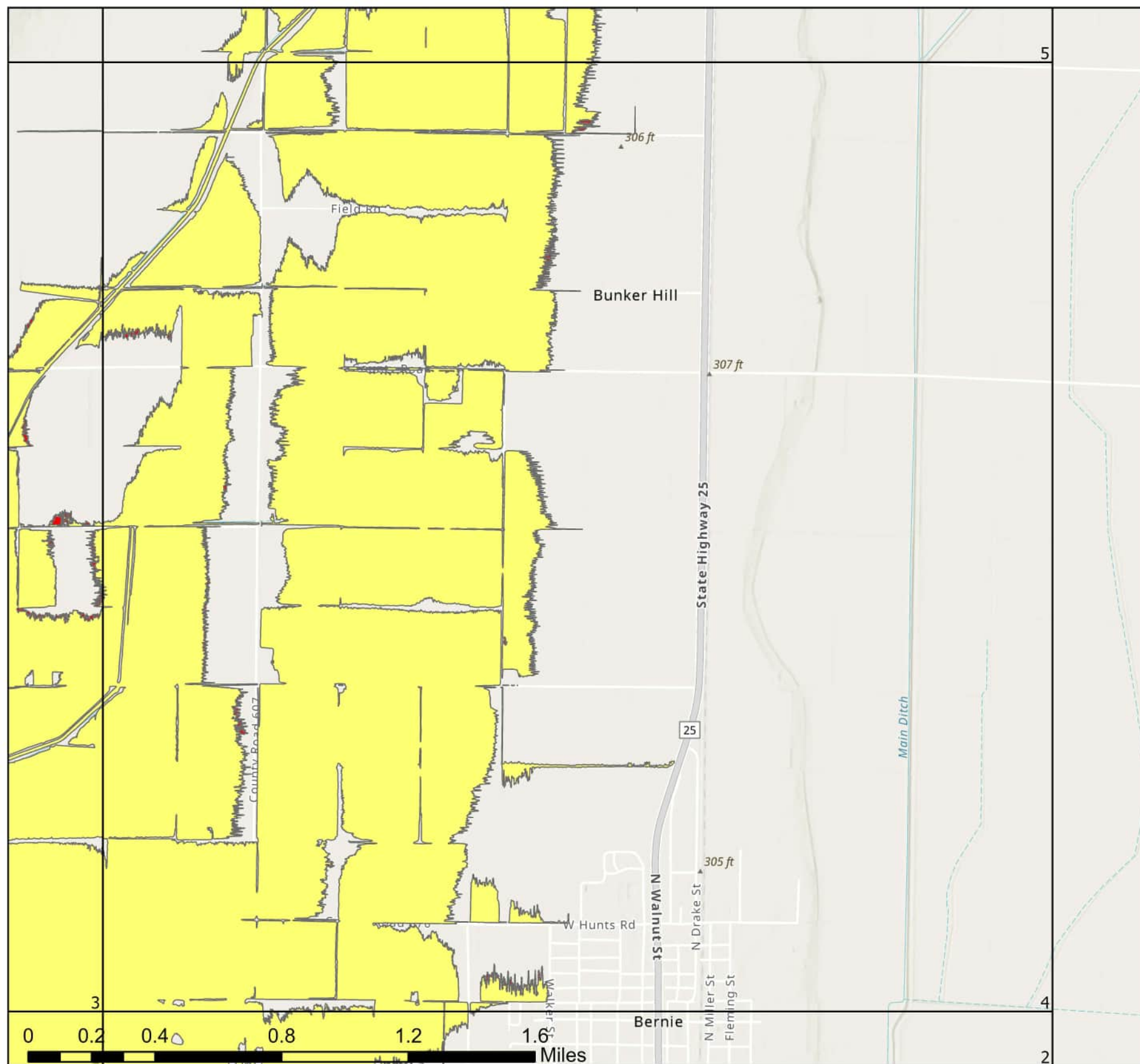
C-28



Page 3 of 5

June 2026

Map intended for planning purposes only
Data sources: ESRI, FEMA



100yr Floodplain Comparison

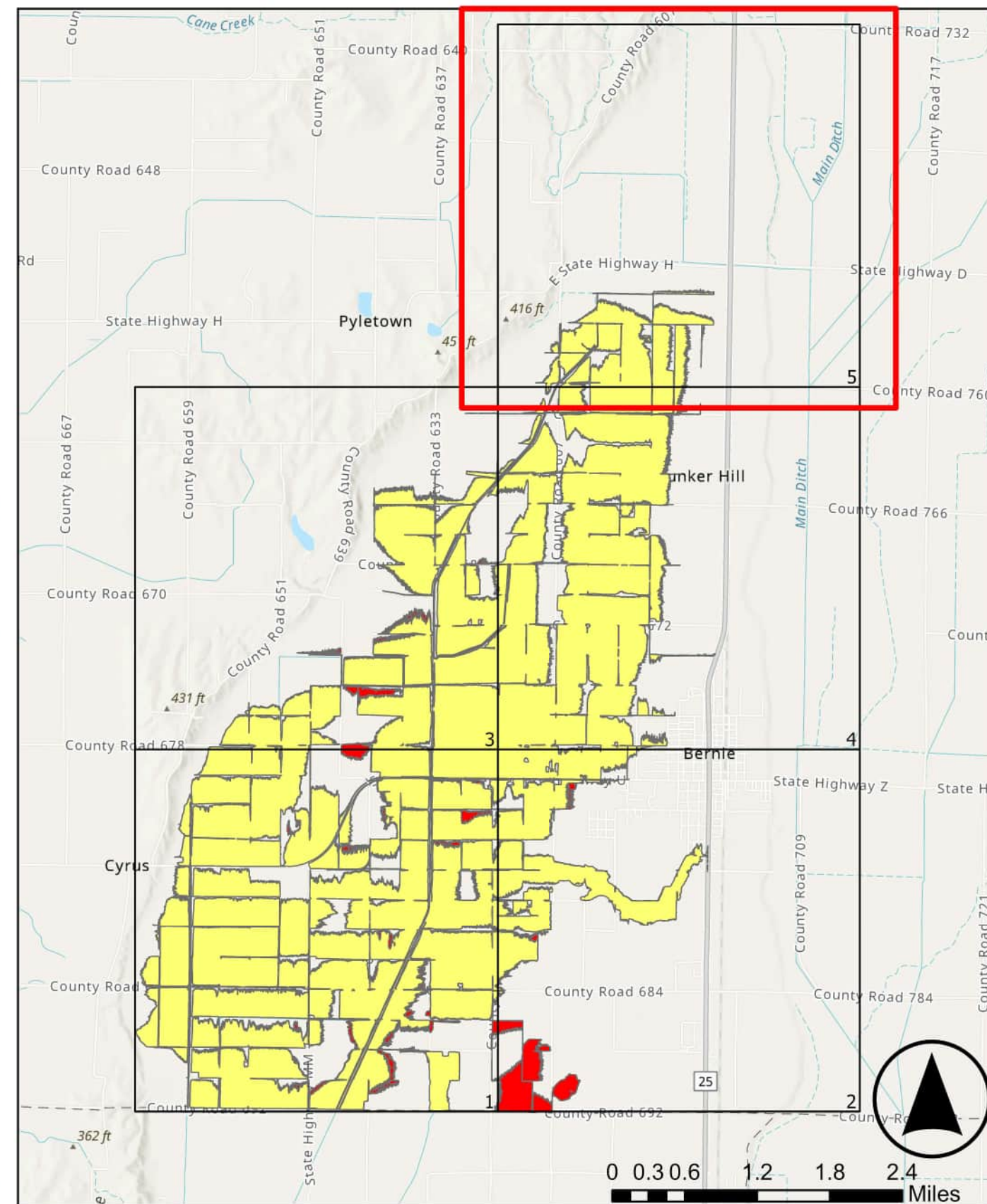
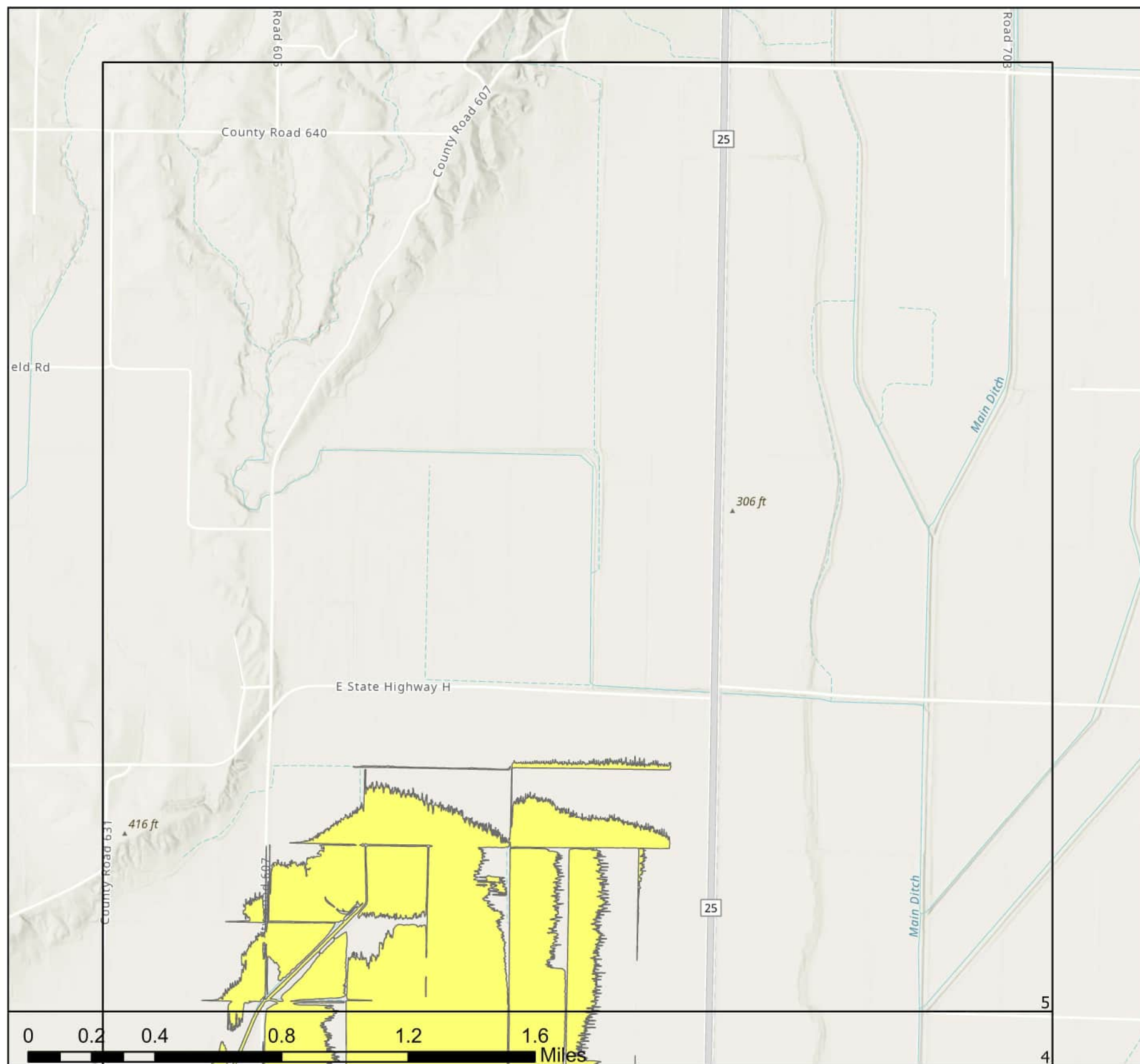
Main Ditch Watershed
Stoddard County, MO

100yr
Without
Project

100yr
With
Project

100yr
Area of
Overlap





100yr Floodplain Comparison

Main Ditch Watershed
Stoddard County, MO

100yr
Without
Project

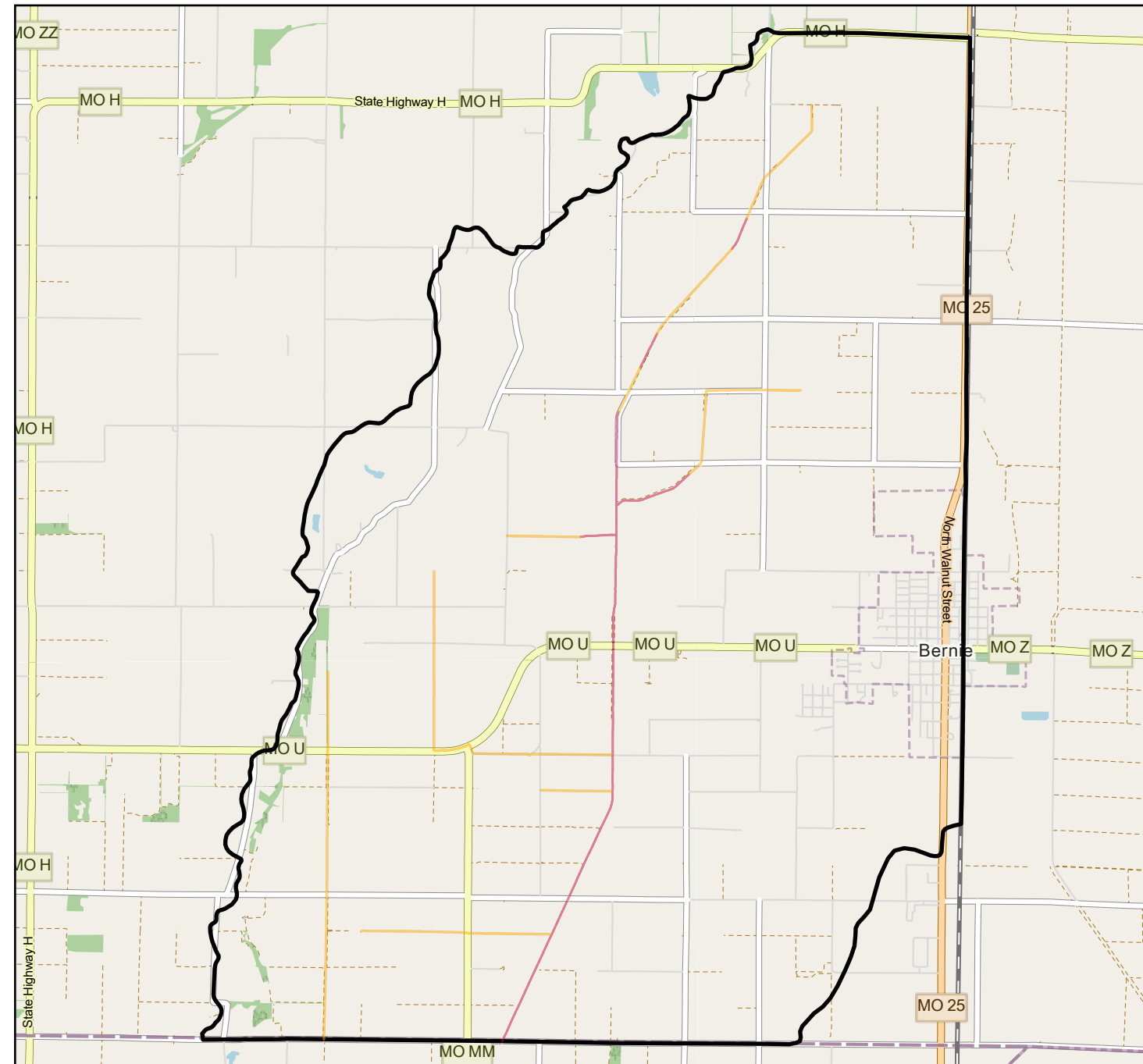
100yr
With
Project

100yr
Area of
Overlap



Page Number	Name
1 - 4	High Priority
5	DD1 Walker
6	West Lateral N01
7 - 8	Additional Ditch
9	DD1 - Walker Lateral
10	East Lateral N02
11	East Lateral N03
12	Garner Lateral N01
13 - 14	Main Ditch ROW
15	Tuttle Lateral N02
16	West Lateral N01
17 - 18	Practice Typical Details

THESE PLANS ARE FOR REPRESENTATION AND PLANNING PURPOSES ONLY. THEY ARE NOT FOR CONSTRUCTION



Legend	
—	Medium Priority CL
—	High Priority CL
	West Ditch - Main Ditch

ALTERNATIVE 2 - VEGETATIVE BUFFER			
Line	Item	Quantity	Unit
1	Mobilization	1	LS
2	20' Vegetative Buffer - High Priority Areas	29	Acres
3	20' Vegetative Buffer - Medium Priority Areas	52	Acres

ALTERNATIVE 3 - RIPRAP TOE PROTECTION - HIGH PRIORITY AREAS ONLY			
Line	Item	Quantity	Unit
1	Riprap - D50 = 12"	117000	tons
2	Stone Bedding	32000	tons
3	Excavation*	92300	cu yds
4	Erosion Control Blanket	102000	sq yds
5	Seeding	20	acres

ALTERNATIVE 4 - PARALLEL DRAINS - SANDY SOILS ONLY - HIGH PRIORITY			
Line	Item	Quantity	Unit
1	4" Dia. Cor. Plastic Tubing	52536	L. F.
2	Outlet Pipe Sections and Markers	64	Each
3	Riprap - D50 = 12"	350	tons
4	Excavation*	220	cu yds

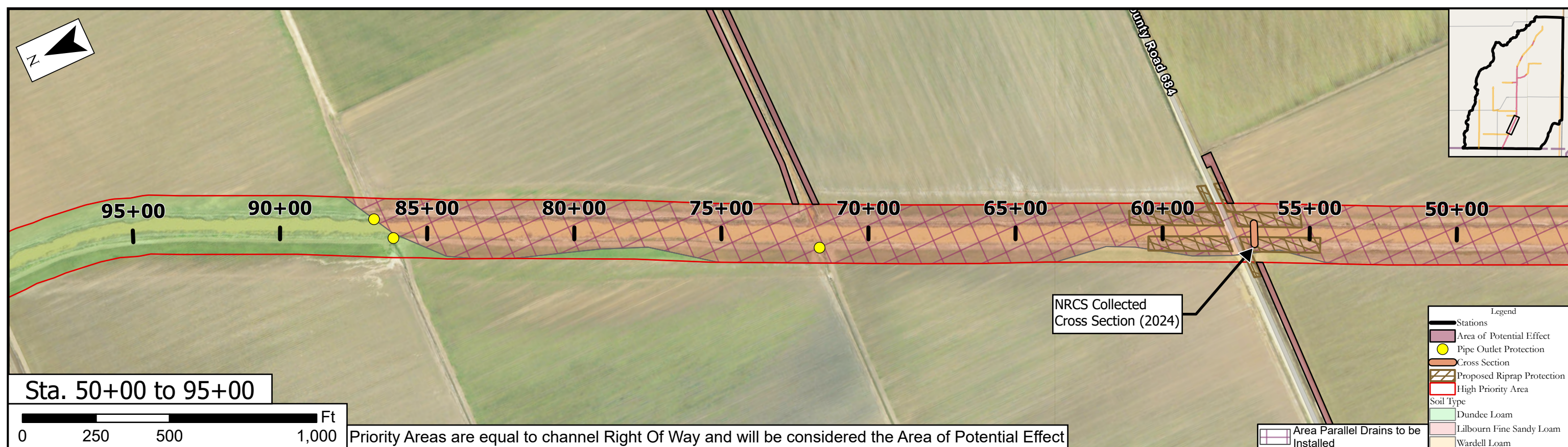
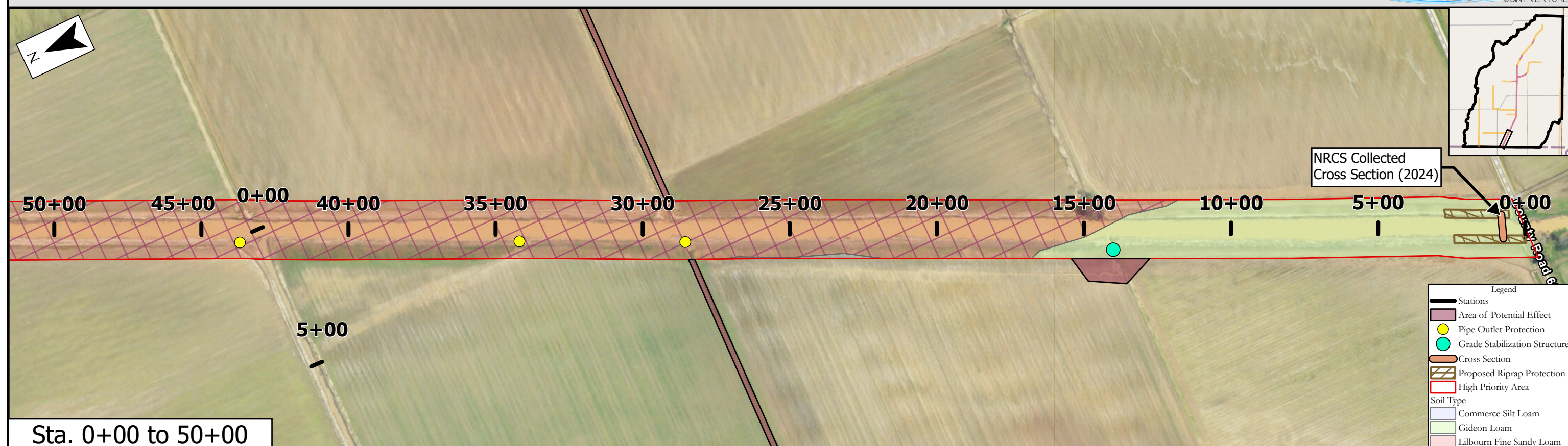
ALTERNATIVE 4 - PARALLEL DRAINS - SANDY SOILS ONLY - MED. PRIORITY			
Line	Item	Quantity	Unit
1	4" Dia. Cor. Plastic Tubing	58080	L.F.
2	Outlet Pipe Sections and Markers	71	Each
3	Riprap - D50 = 12"	380	tons
4	Excavation*	240	cu yds

ALTERNATIVE 5 - TWO-STAGE DITCH CONSTRUCTION			
Line	Item	Quantity	Unit
1	Excavation*	205000	cu yds
2	Seeding	25	acres
3	Erosion Control Blanket	60322	sd yds
4	Riprap Toe Protection	59000	tons
5	Stone Bedding	16700	tons

ADDITIONAL ITEMS TO GO WITH ALL ALTERNATIVES			
Line	Item	Quantity	Unit
1	Grade Stabilization Structures	7	Each
2	Existing Subsurface Drain Outlet Protection	34	Each
3	Bank Protection at Crossings - Rip Rap	14700	tons
4	Bank Protection at Crossings - Bedding	4000	tons

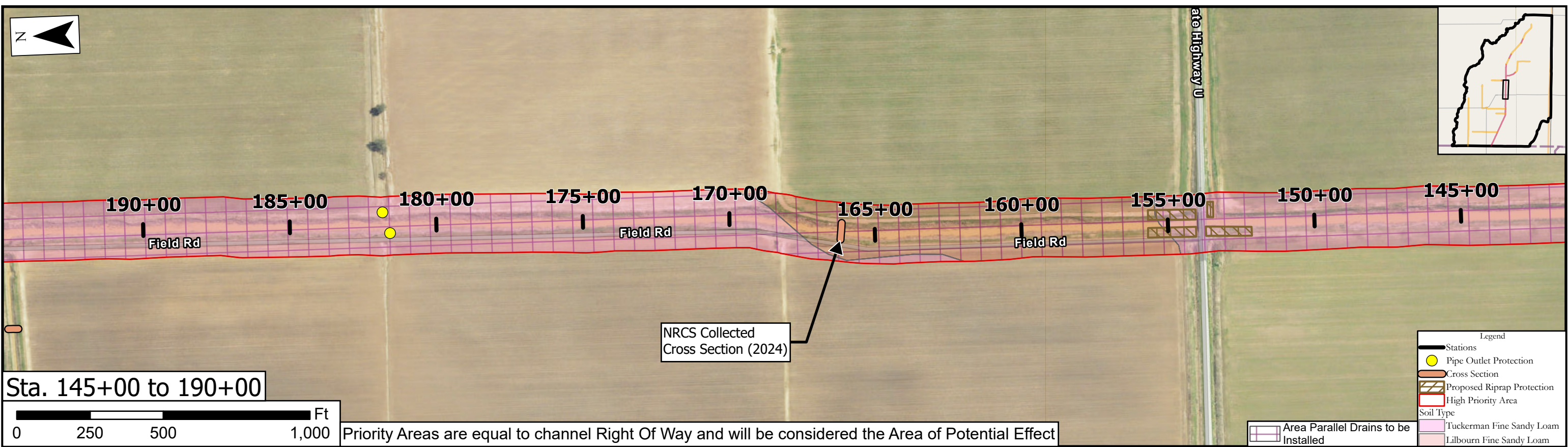
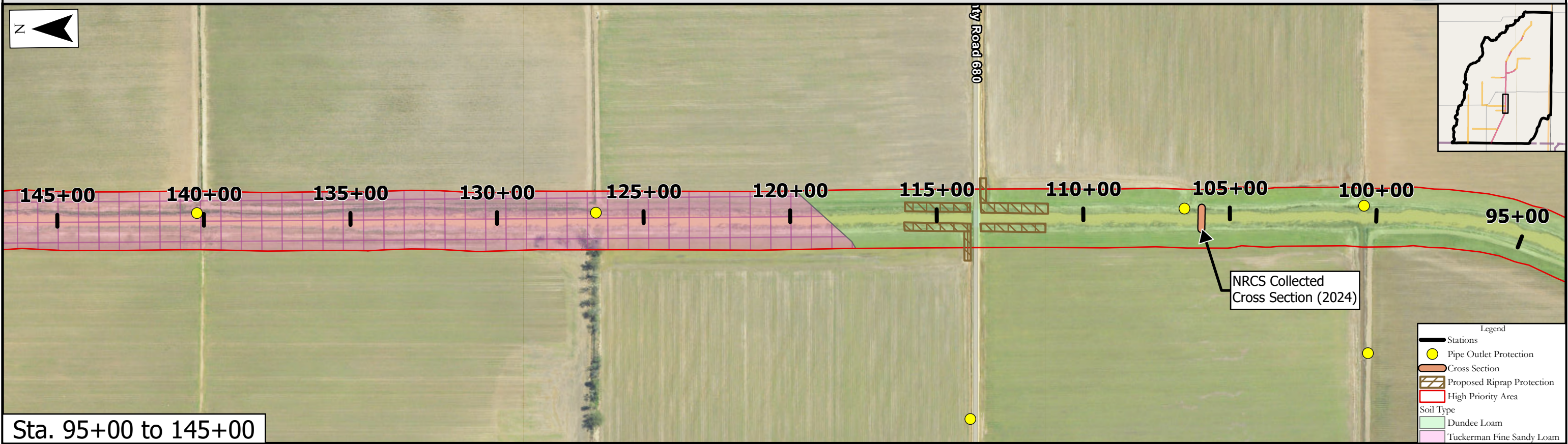
High Priority
Sta. 0+00 to 95+00

West Ditch - Main Ditch High Priority



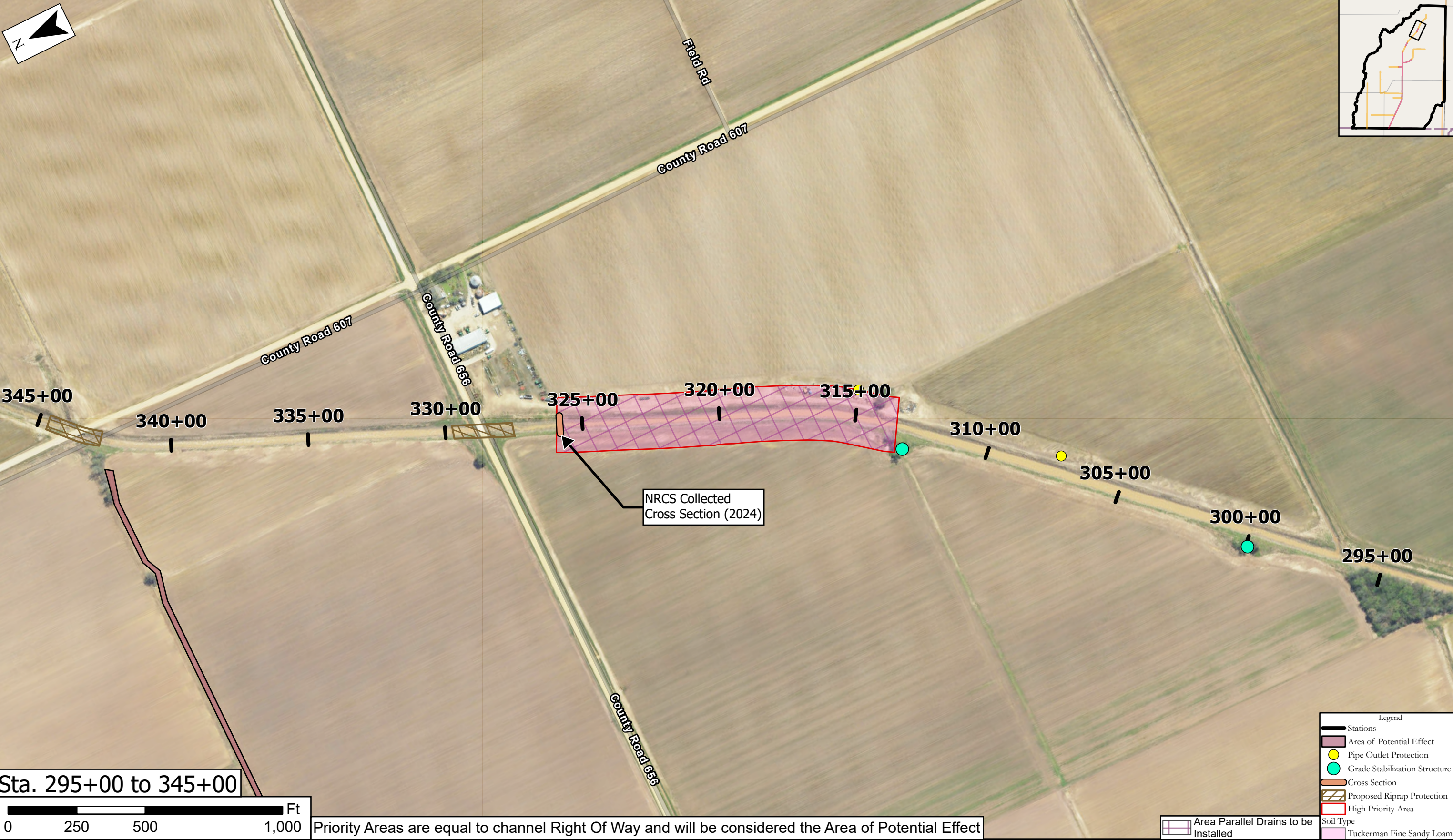
High Priority
Sta. 95+00 to 190+00

West Ditch - Main Ditch High Priority



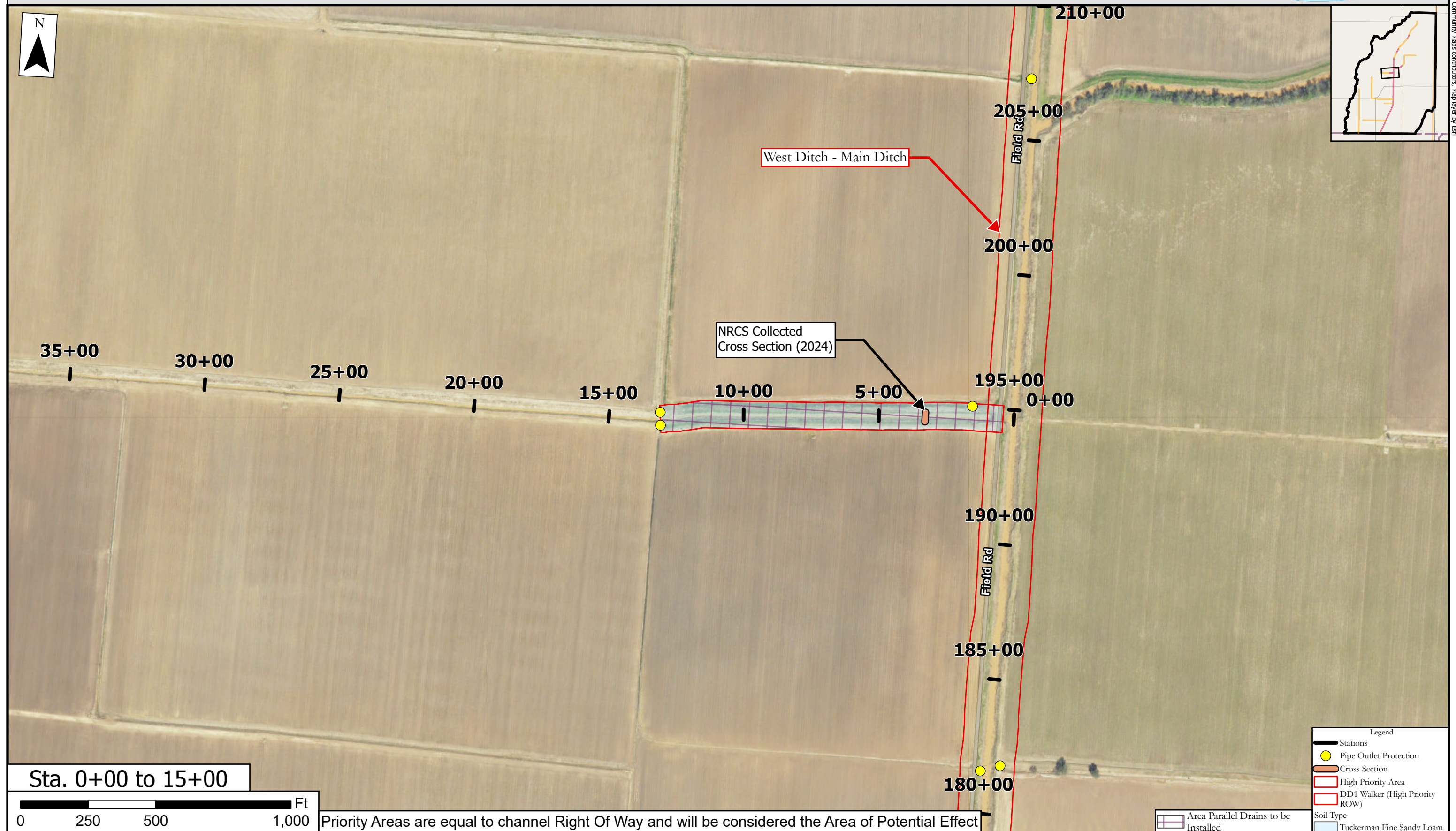
High Priority
Sta. 395+00 to 345+00

West Ditch - Main Ditch High Priority



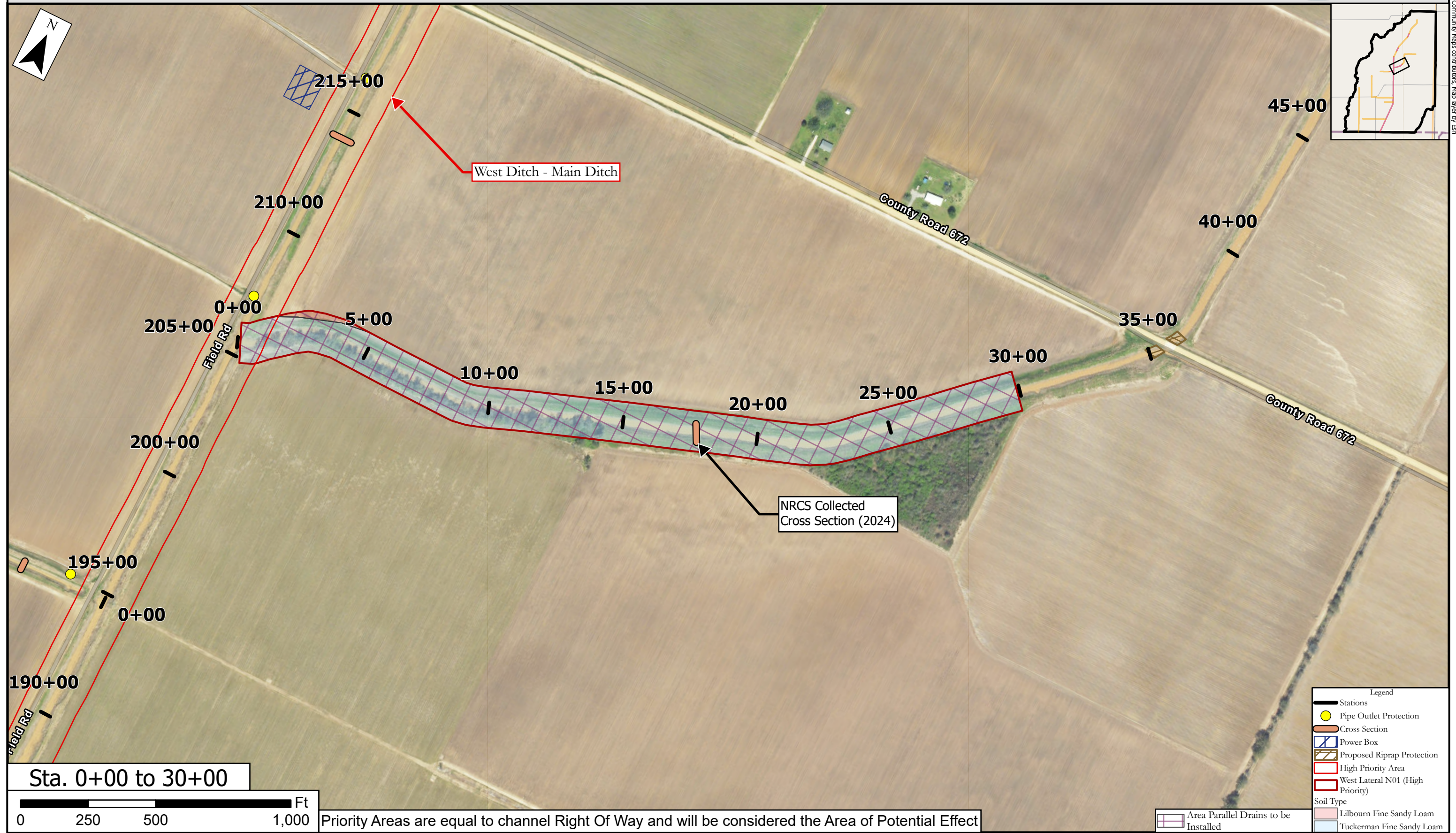
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West Ditch - Main Ditch High Priority



West Lateral N01
Sta. 0+00 to 30+00

West Ditch - Main Ditch High Priority



Sta. 0+00 to 30+00

0 250 500 1,000 Ft

Priority Areas are equal to channel Right Of Way and will be considered the Area of Potential Effect

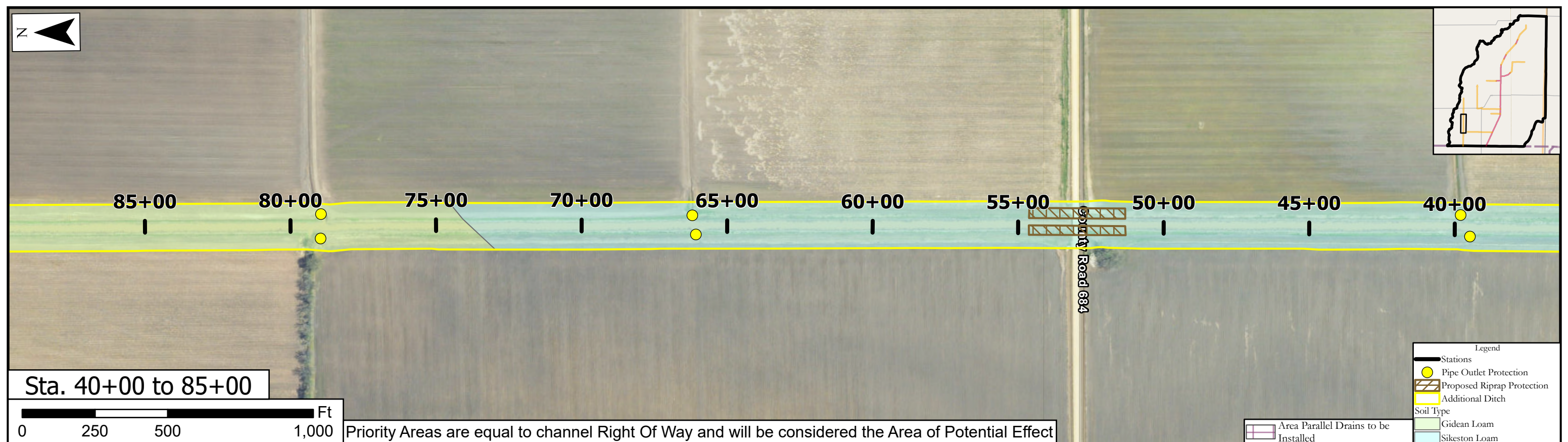
Legend

- Stations
- Pipe Outlet Protection
- Cross Section
- Power Box
- Proposed Riprap Protection
- High Priority Area
- West Lateral N01 (High Priority)
- Soil Type
 - Lilbourn Fine Sandy Loam
 - Tuckerman Fine Sandy Loam
- Area Parallel Drains to be Installed

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Additional Ditch
Sta. 0+00 to 85+00

West Ditch - Main Ditch Medium Priority



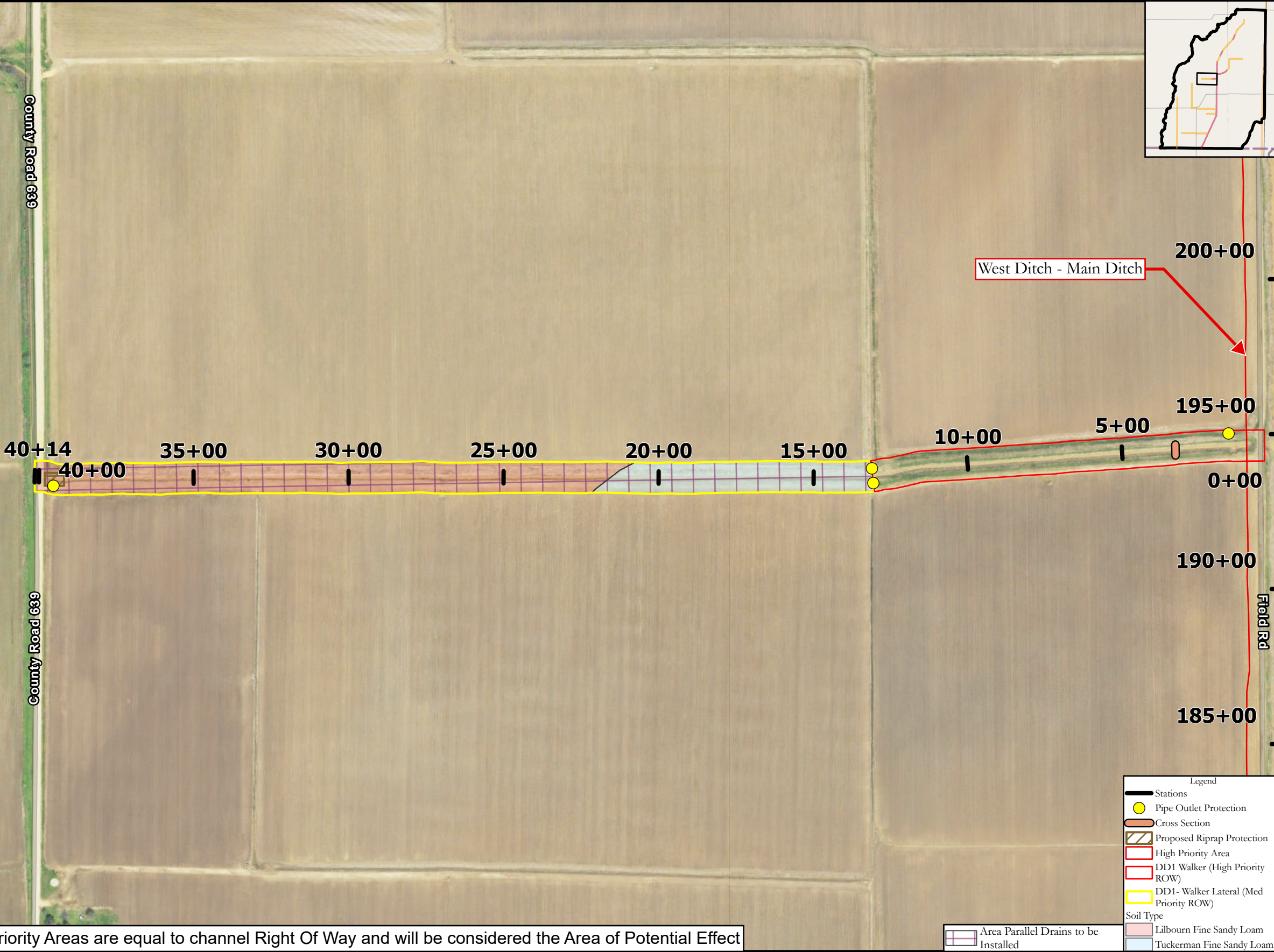
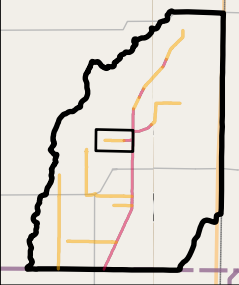
Additional Ditch
Sta. 85+00 to 135+01

West Ditch - Main Ditch Medium Priority

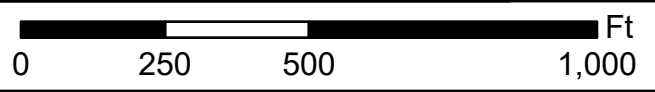


DD1 - Walker Lateral
Sta. 0+00 to 40+14

West Ditch - Main Ditch Medium Priority



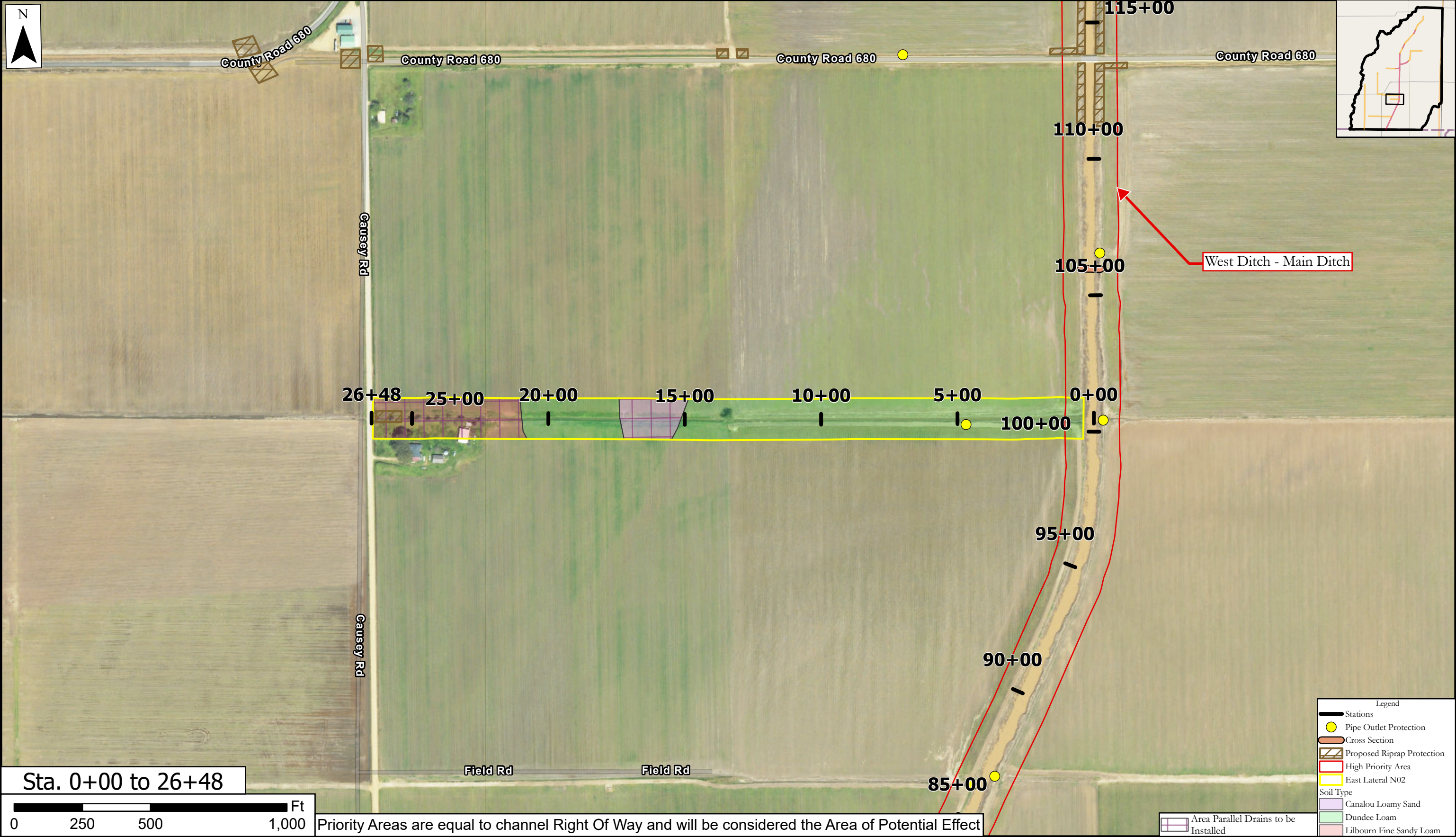
Sta. 0+00 to 40+14



Priority Areas are equal to channel Right Of Way and will be considered the Area of Potential Effect

East Lateral N03
Sta. 0+00 to 26+48

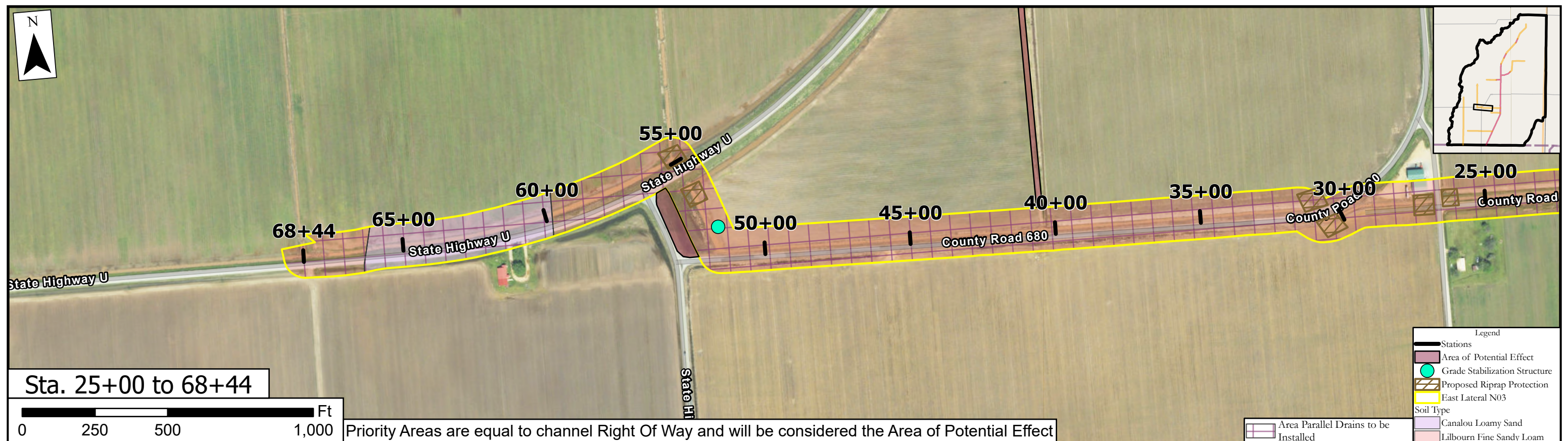
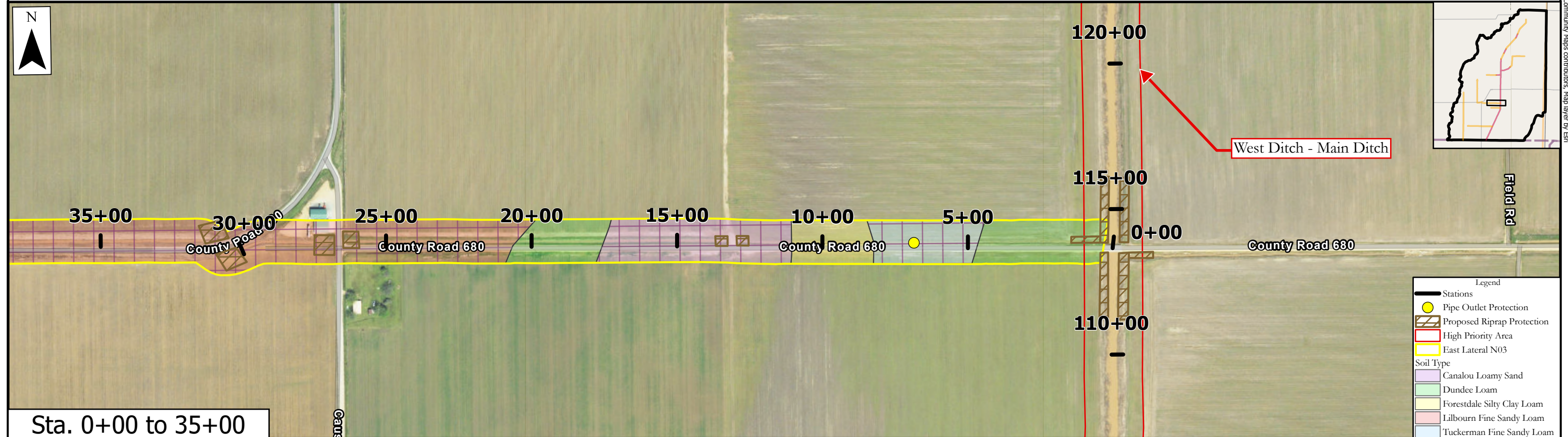
West Ditch - Main Ditch Medium Priority



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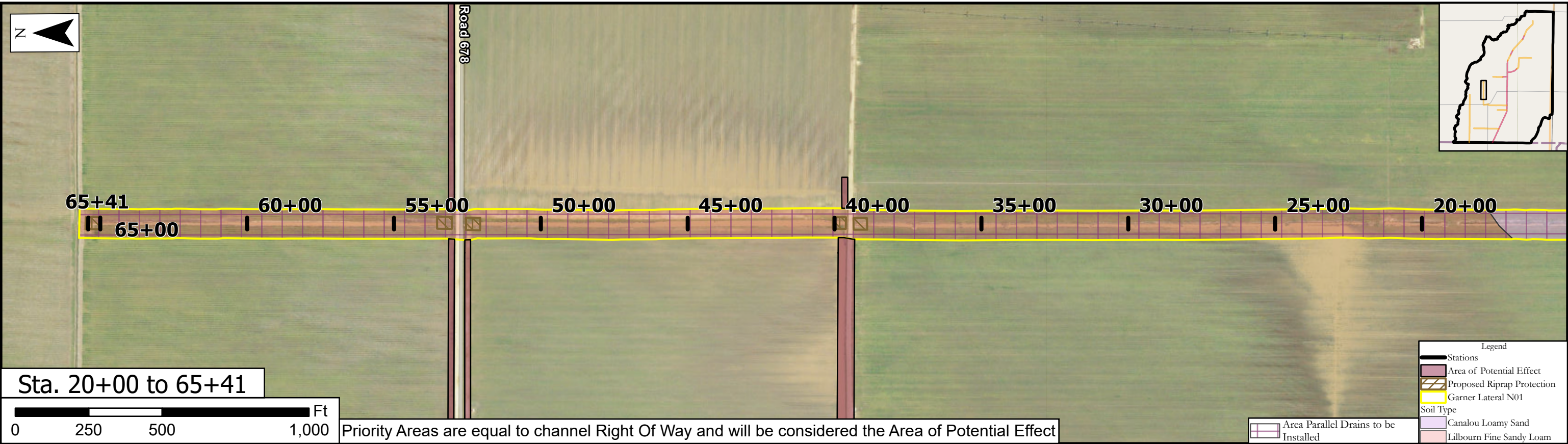
East Lateral N03
Sta. 0+00 to 68+44

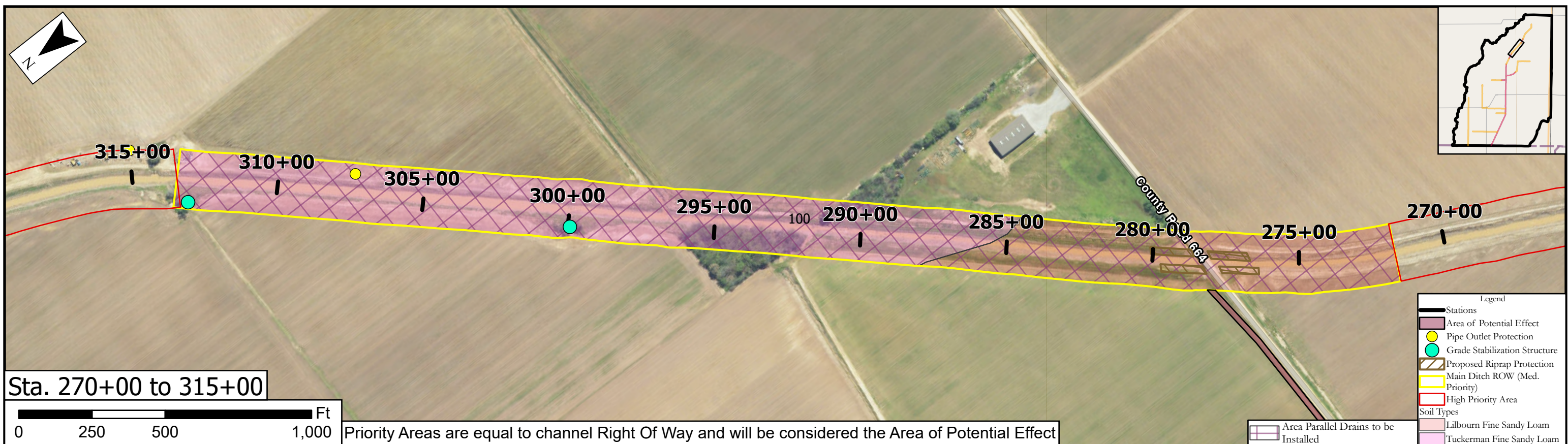
West Ditch - Main Ditch Medium Priority



Garner Lateral N01
Sta. 0+00 to 65+41

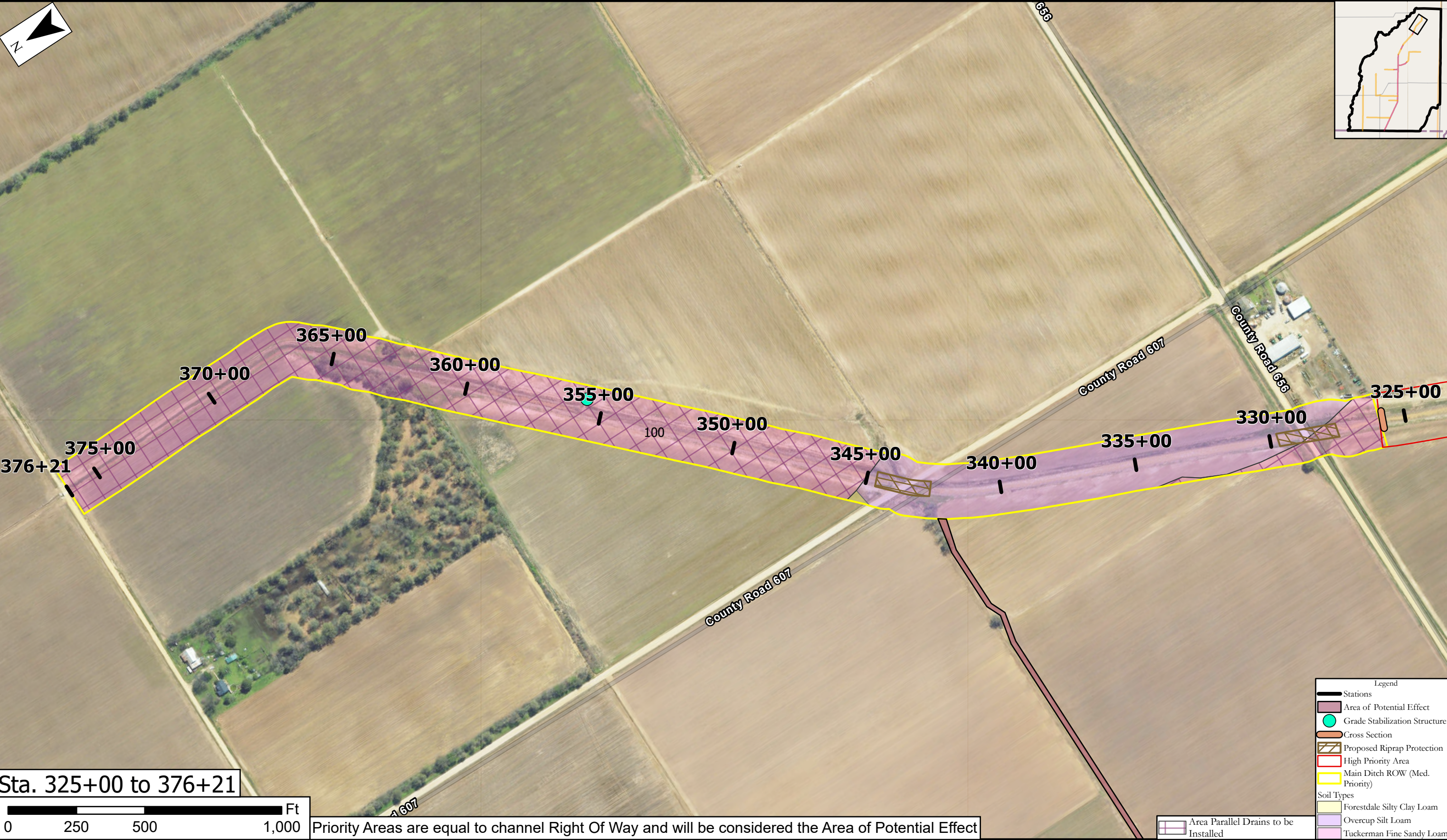
West Ditch - Main Ditch Medium Priority



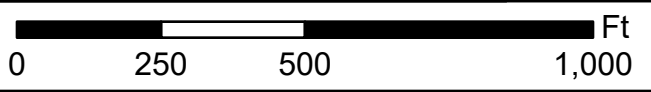


Main Ditch ROW
Sta. 325+00 to 376+21

West Ditch - Main Ditch Medium Priority



Sta. 325+00 to 376+21

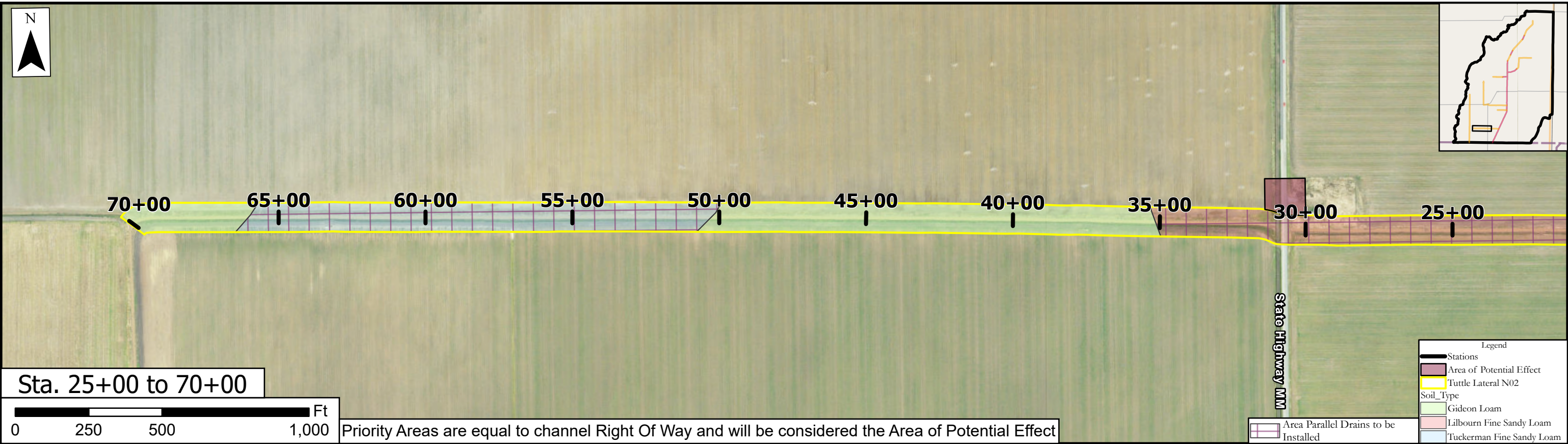


Priority Areas are equal to channel Right Of Way and will be considered the Area of Potential Effect



Tuttle Lateral N02
Sta. 0+00 to 70+00

West Ditch - Main Ditch Medium Priority



Priority Areas are equal to channel Right Of Way and will be considered the Area of Potential Effect