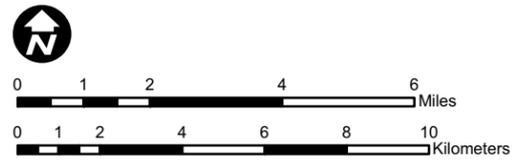
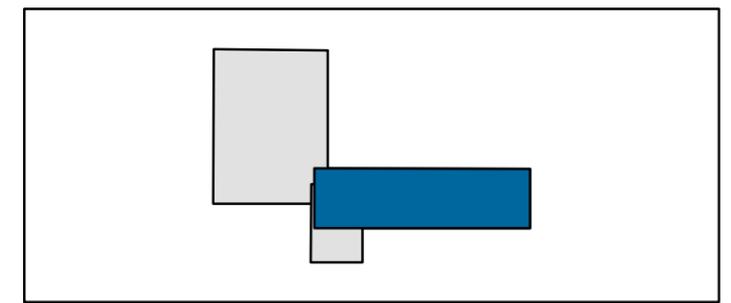


Barr Footer: Date: 2/11/2011 12:22:06 AM File: I:\Projects\2362\104\1\Maps\Reports\Draft_EIS\Appendix A\Segment 3\MapBook_Overview_North_Rochester_to_Mississippi_River.mxd User: jll

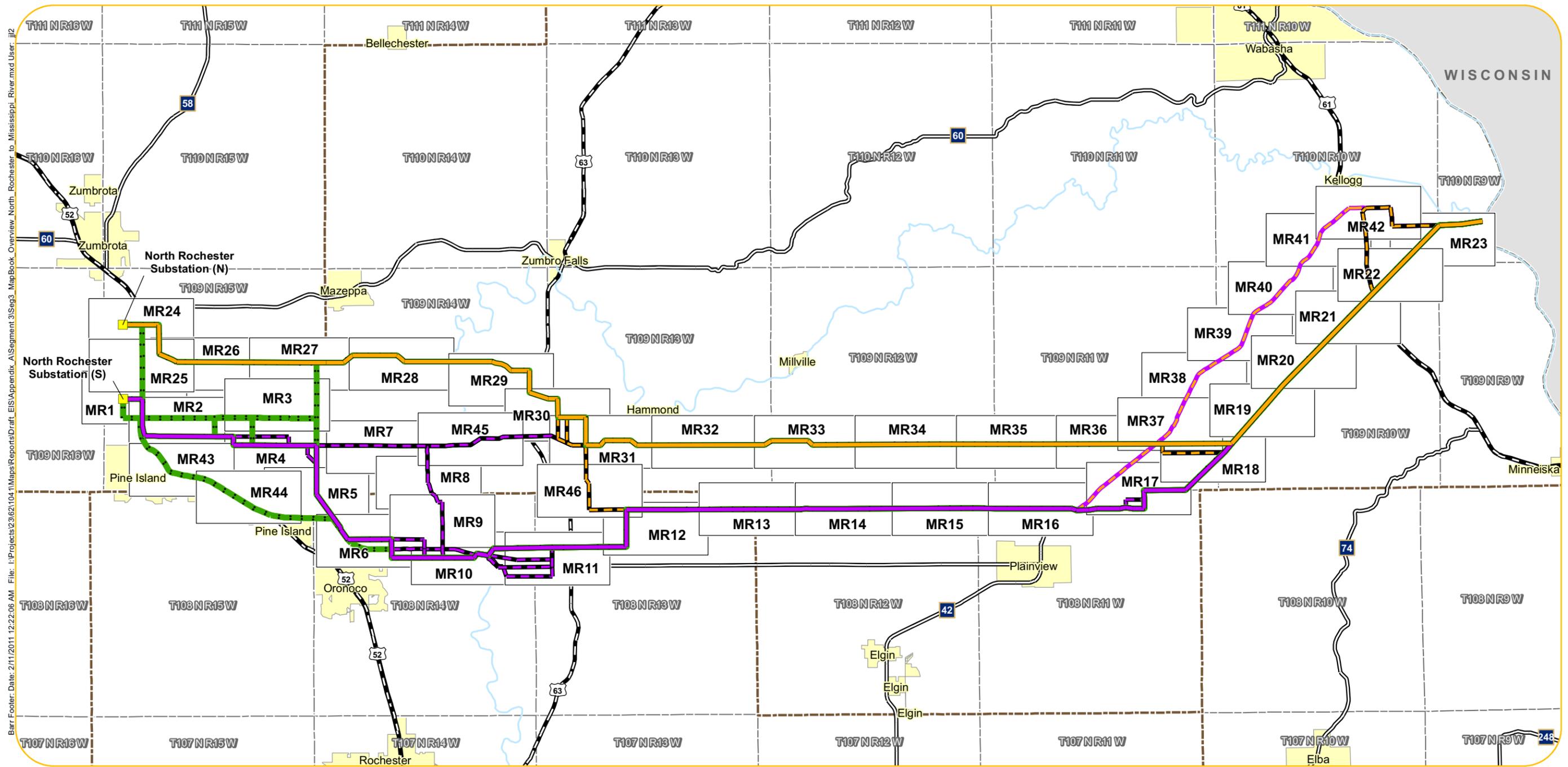


- Project Substations
- MR1 Map Index
- County Boundaries
- Original Alignments**
- P Route
- A Route
- Additional Alternative Routes**
- Variation on P Route
- Variation on A Route
- Variation on Both
- Parallel Alignment

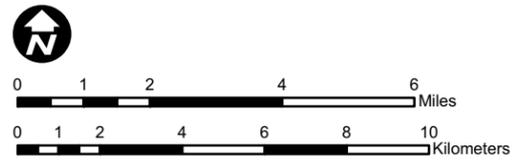
Appendix A - Overview Map
Segment 3,
North Rochester Substation to Mississippi River



Refer to Appendix B for information on data sources

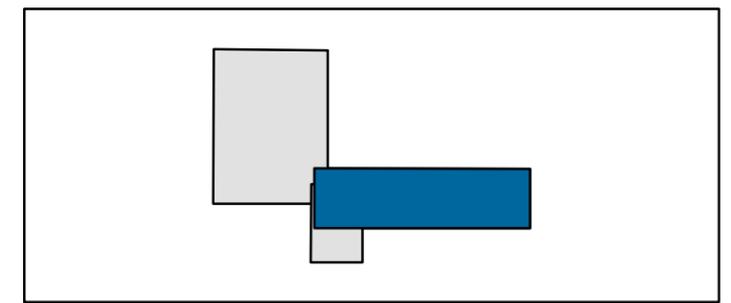


Barr Footer: Date: 2/11/2011 12:22:06 AM File: I:\Projects\2362\104\1\Maps\Reports\Draft_EIS\Appendix A\Segment 3\Seg3_MapBook_Overview_North_Rochester_to_Mississippi_River.mxd User: jll



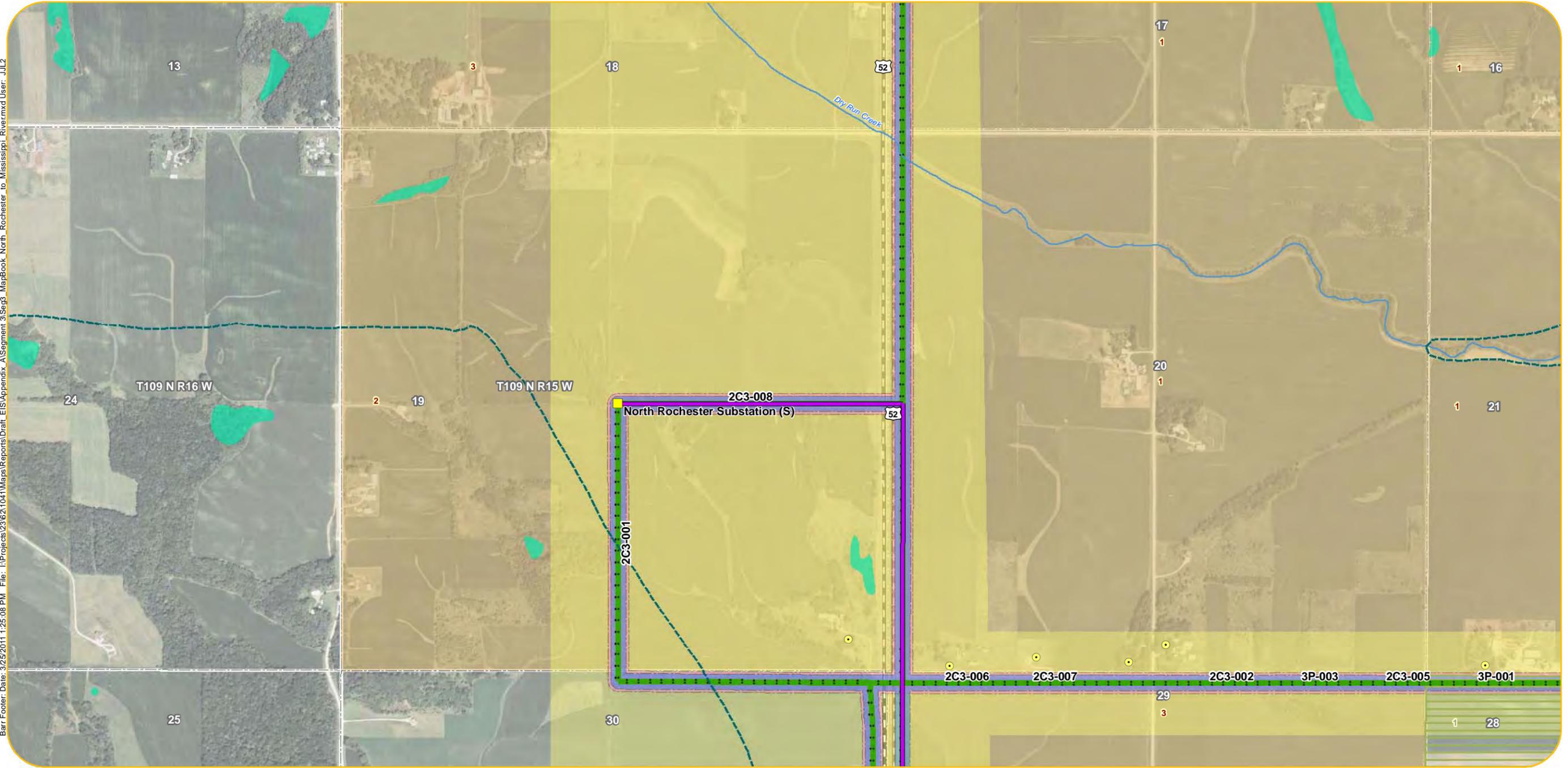
- Project Substations
- MR1 Map Index
- County Boundaries
- Original Alignments**
- P Route
- A Route
- Additional Alternative Routes**
- Variation on P Route
- Variation on A Route
- Variation on Both
- Parallel Alignment

Appendix A - Overview Map
Segment 3,
North Rochester Substation to Mississippi River

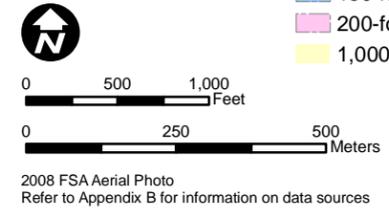


Refer to Appendix B for information on data sources

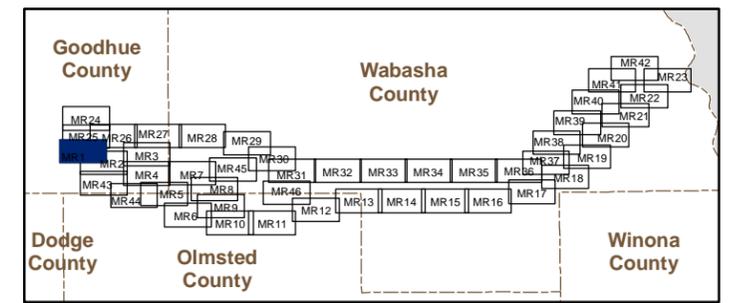
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



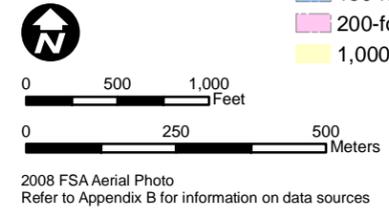
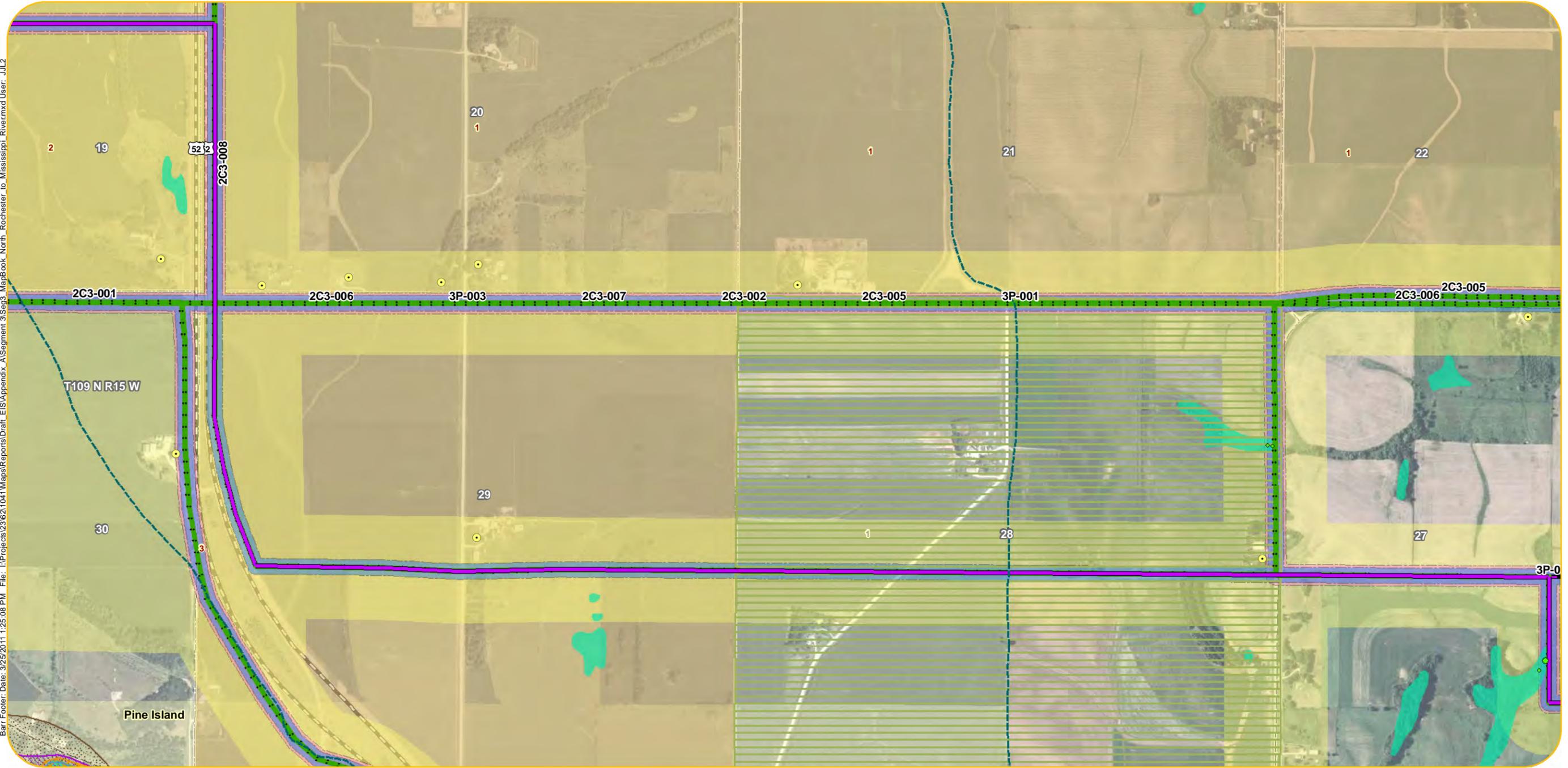
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |



Appendix A - Sheet MR1
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



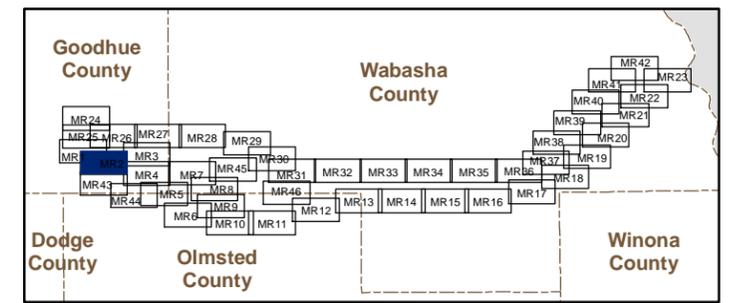
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



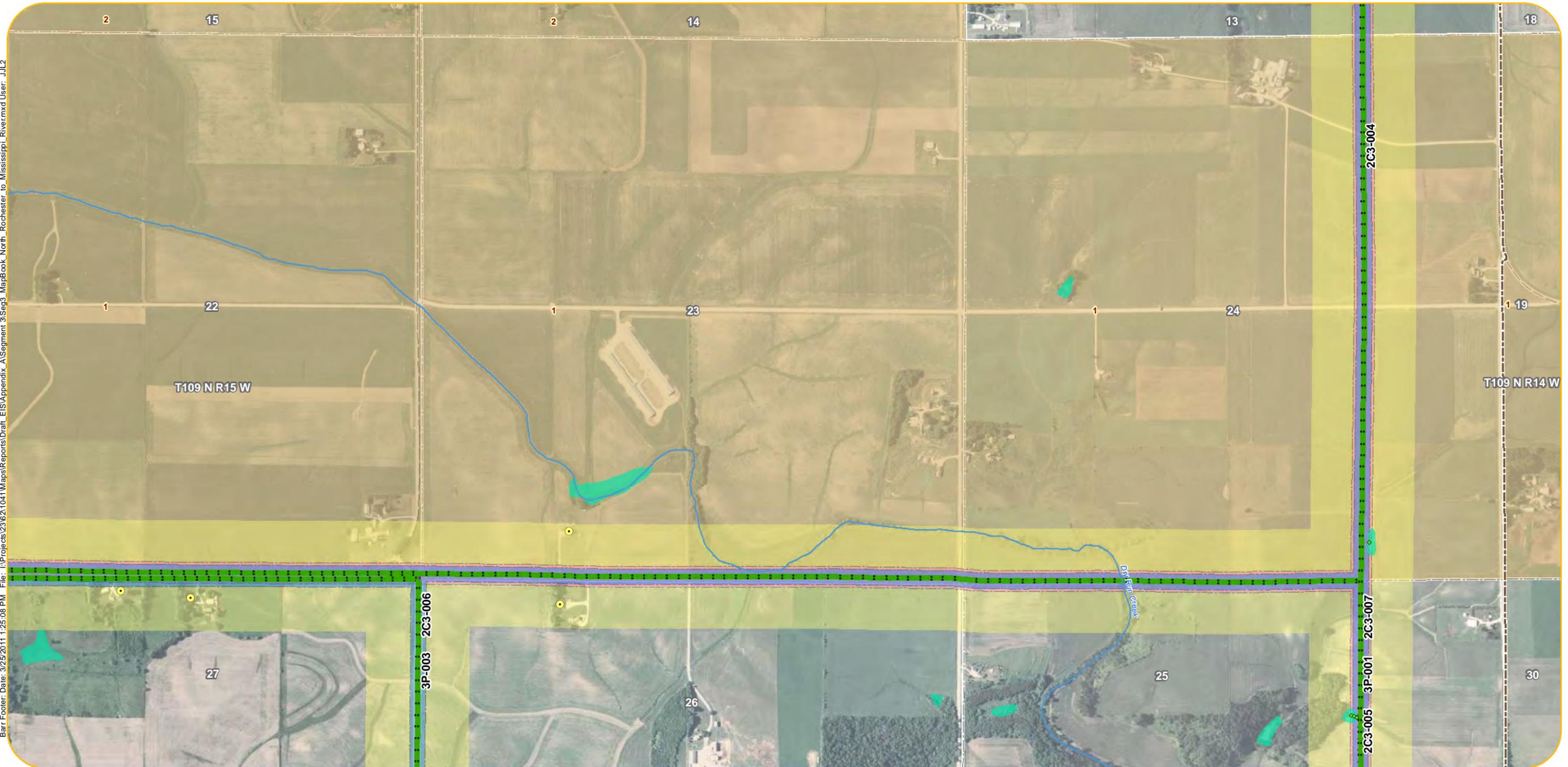
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |

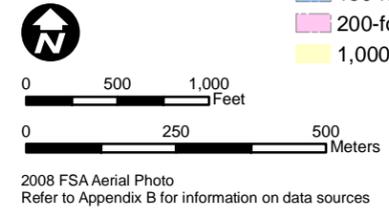
Appendix A - Sheet MR2
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



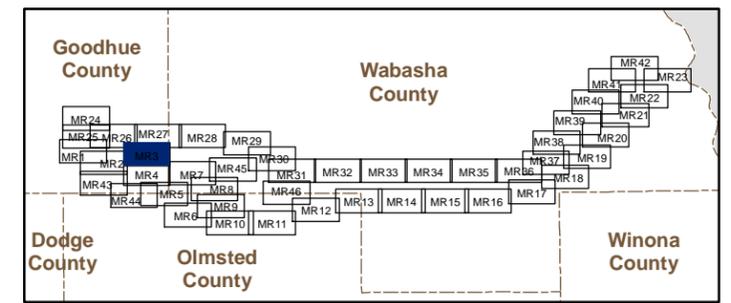
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



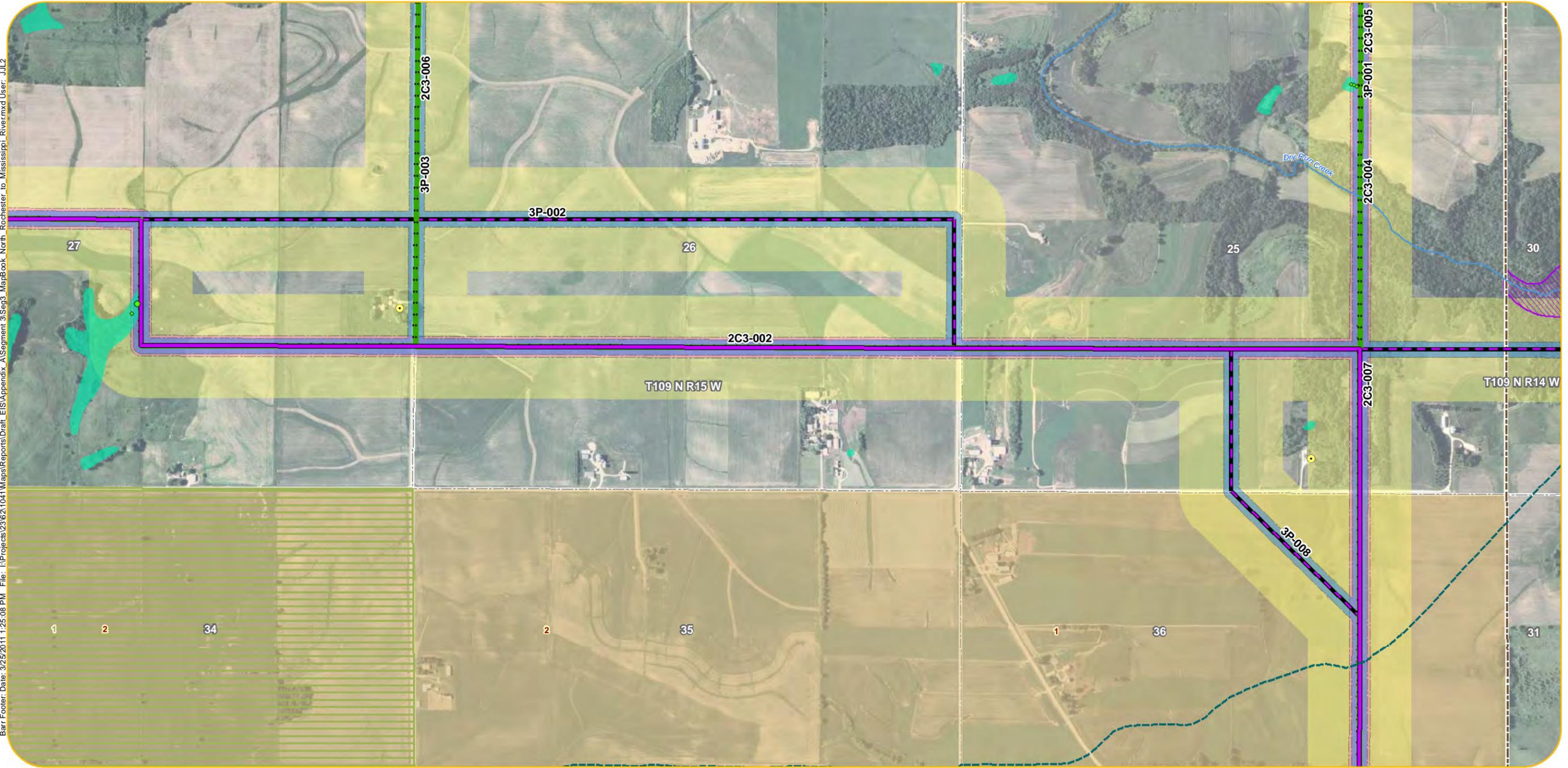
- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|



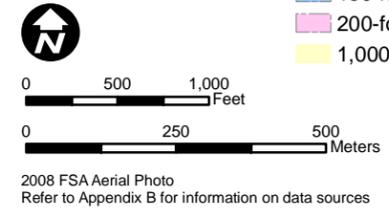
Appendix A - Sheet MR3
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



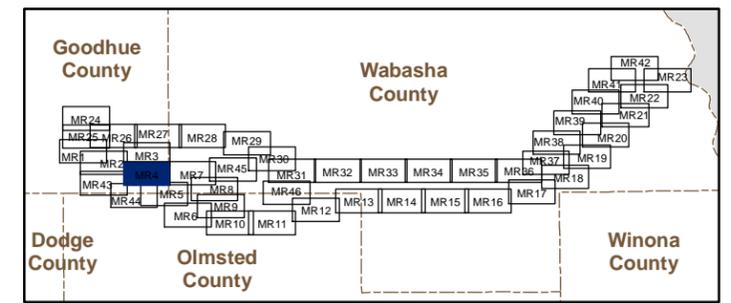
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



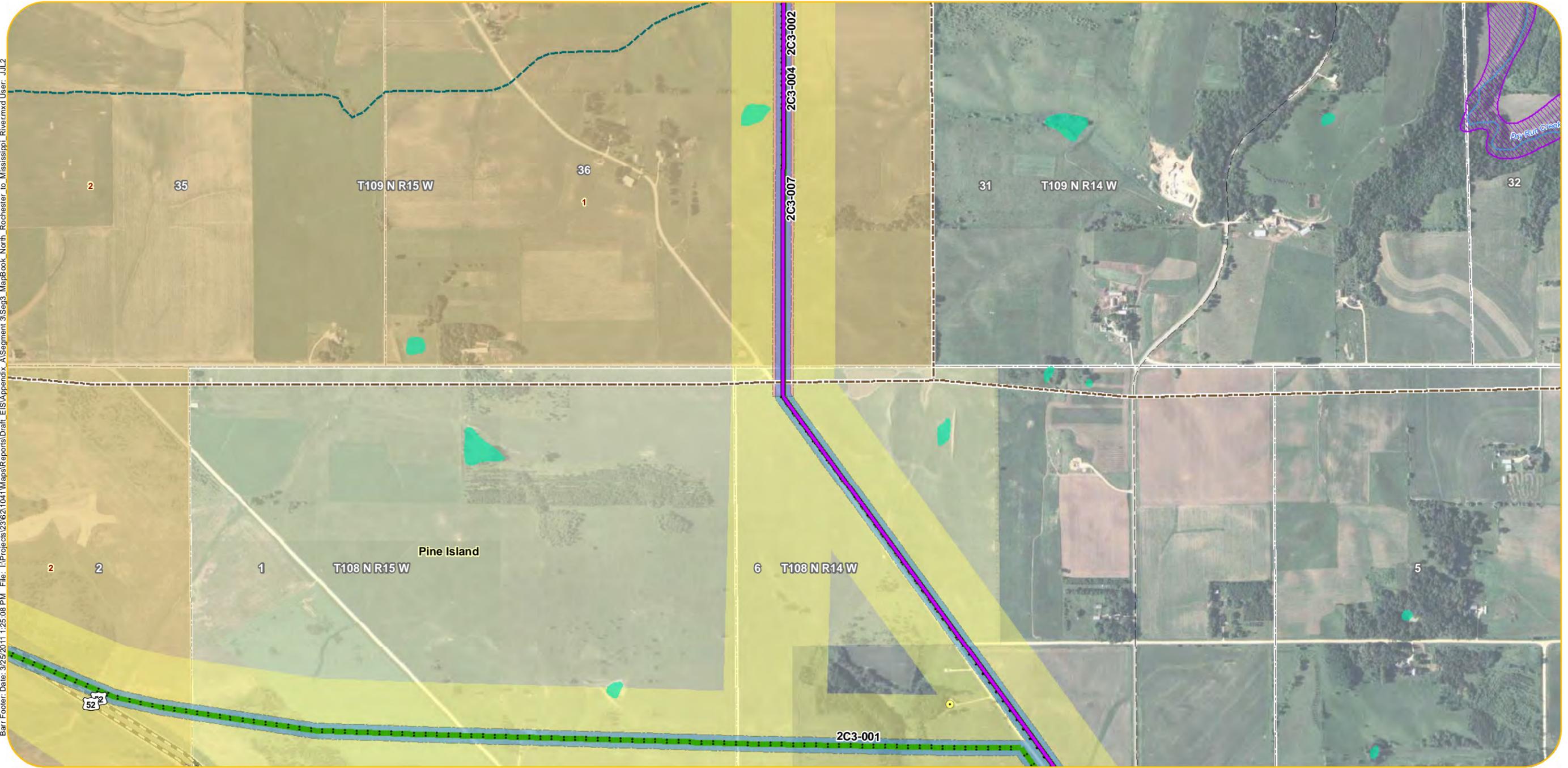
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | Fisheries Research Station | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Fish Hatchery | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | National Wildlife Refuge | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | Waterfowl Production Area | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | MCBS Biodiversity Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | Moderate Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | High Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Outstanding Significance | Wetland Crossings > 1,000 Feet | |
| | | Wildlife Management Area | | |
| | | Scientific and Natural Area | | |



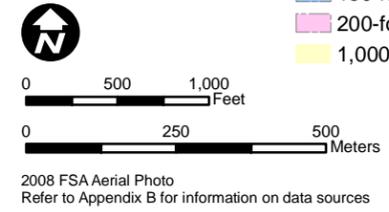
Appendix A - Sheet MR4
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL

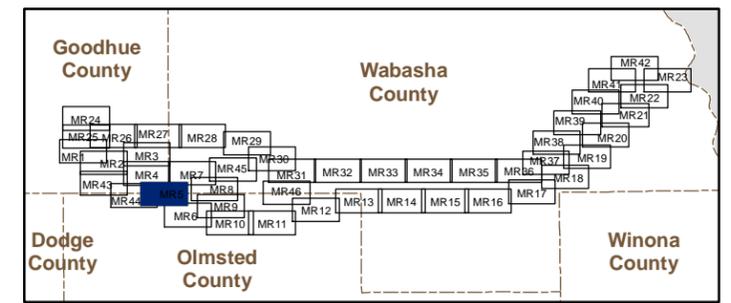


- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage <ul style="list-style-type: none"> Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance <ul style="list-style-type: none"> Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|

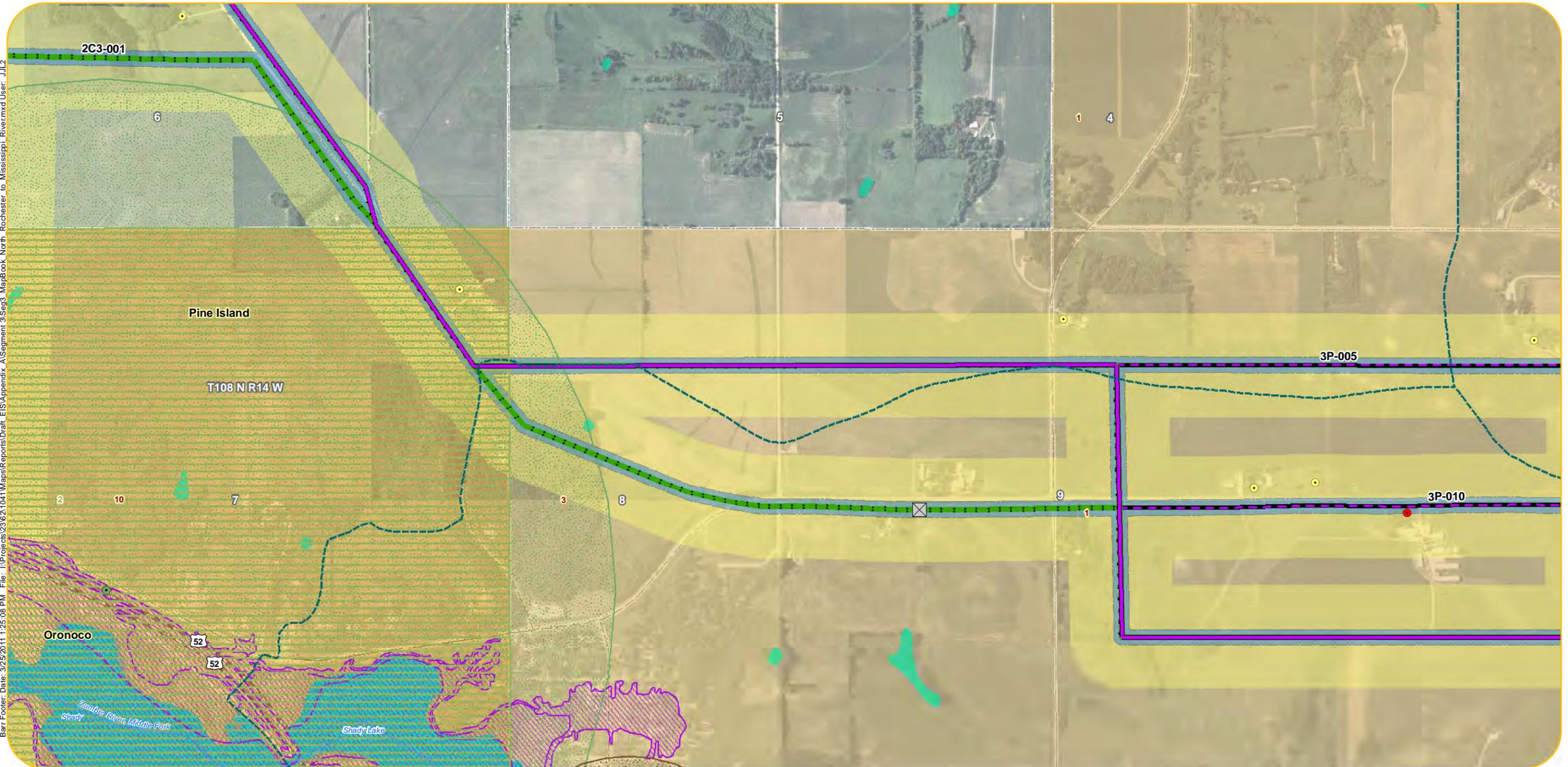


2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

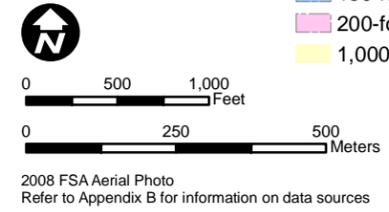
Appendix A - Sheet MR5
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft EIS\Appendix A\Segment 3\Seg3_MapBook_North Rochester to Mississippi_River.mxd User: JLL

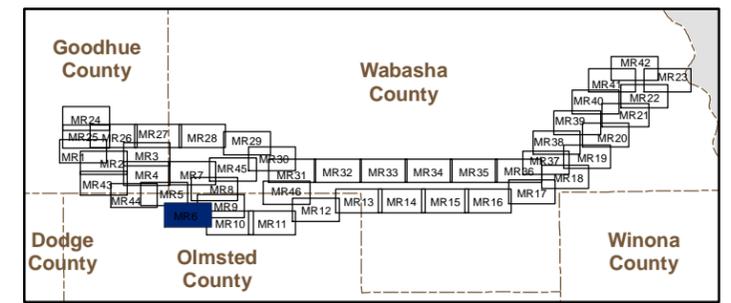


- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|

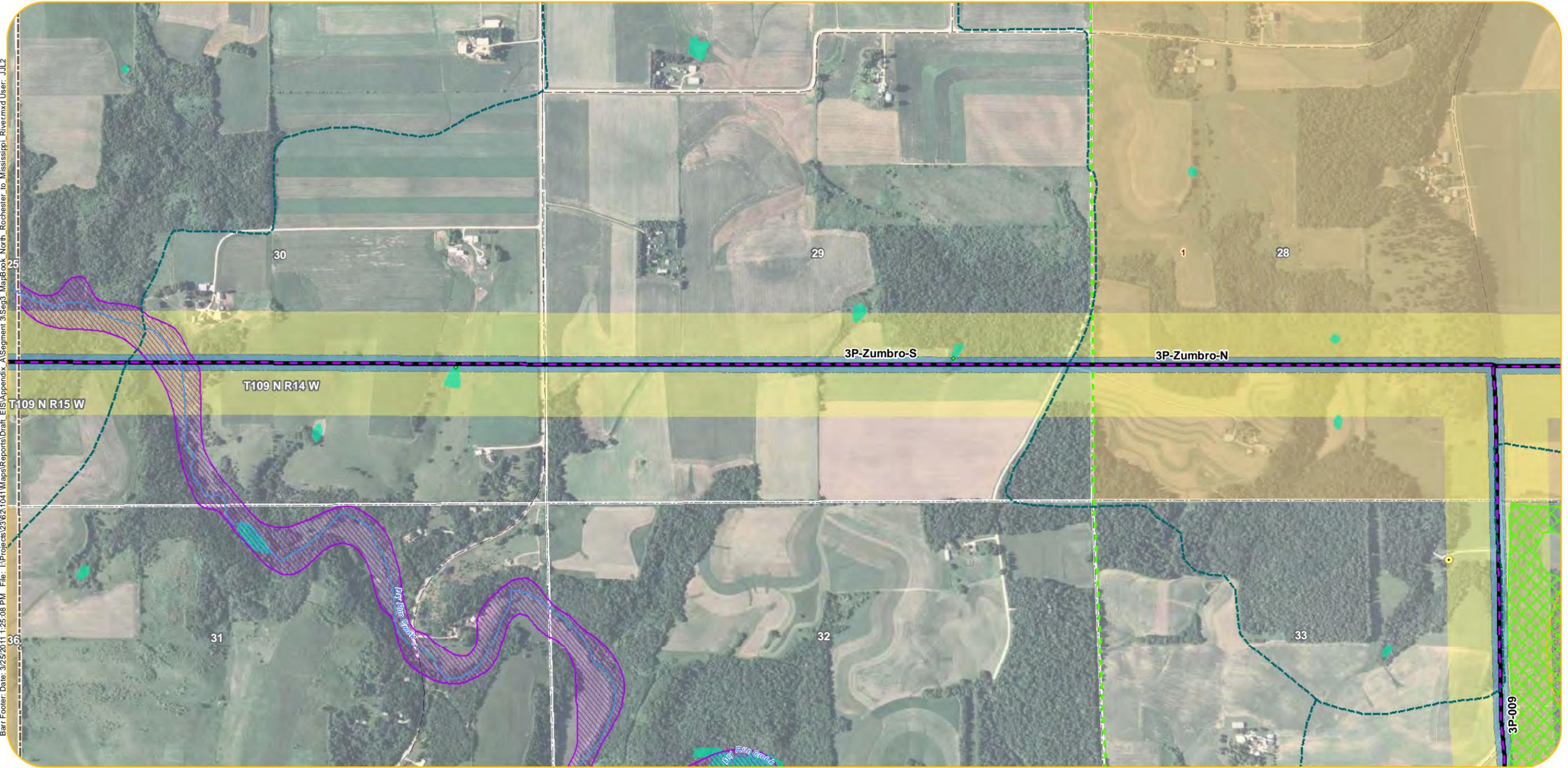


2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

Appendix A - Sheet MR6
Detail Map
Segment 3,
North Rochester Substation to Mississippi River

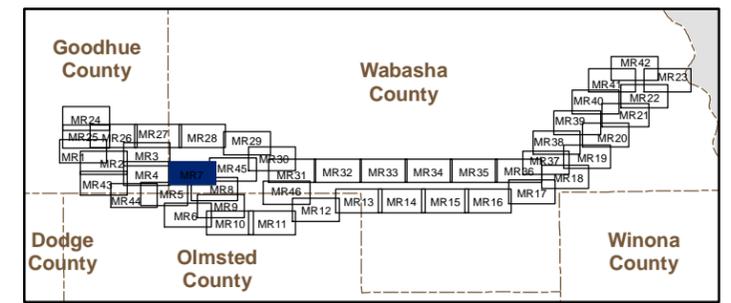


Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23\621041\Maps\Reports\Draft_EIS\Appendix A\Segment 3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



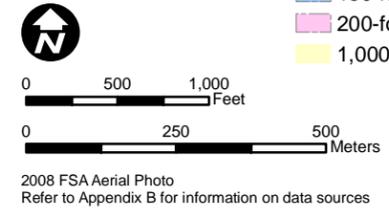
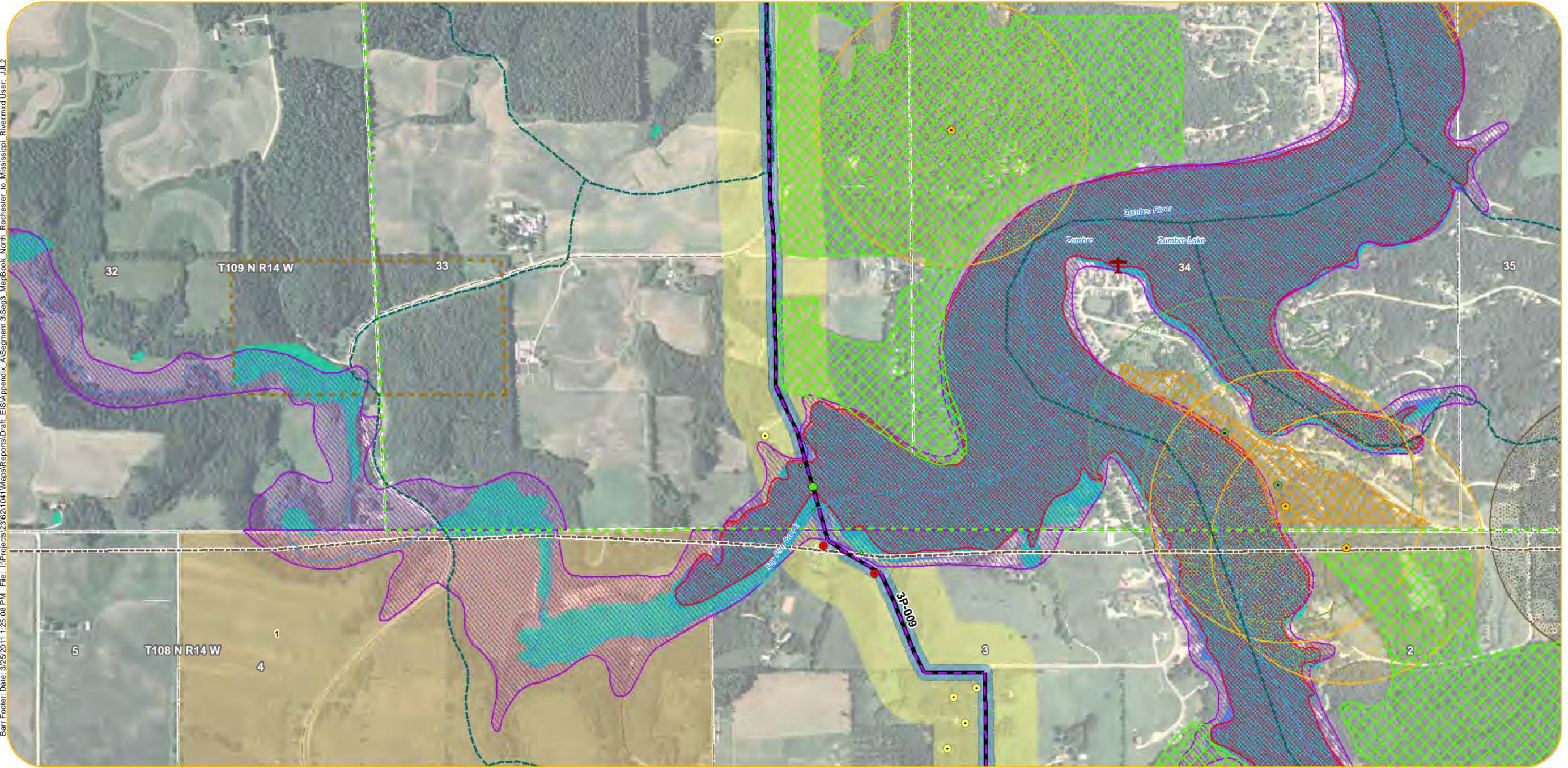
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 4 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 28 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 58 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |

Appendix A - Sheet MR7
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



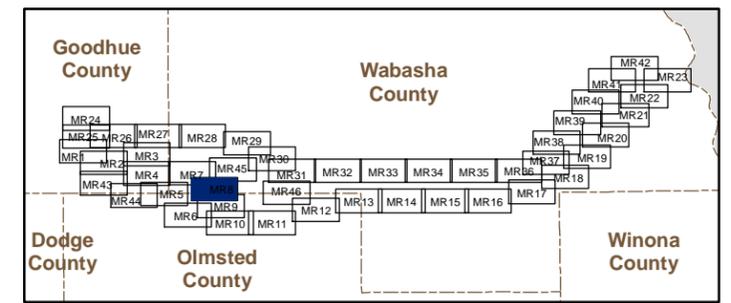
0 500 1,000 Feet
0 250 500 Meters
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL

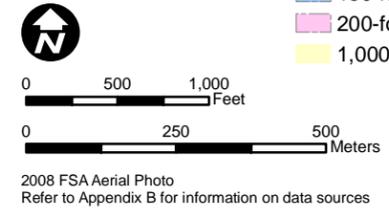
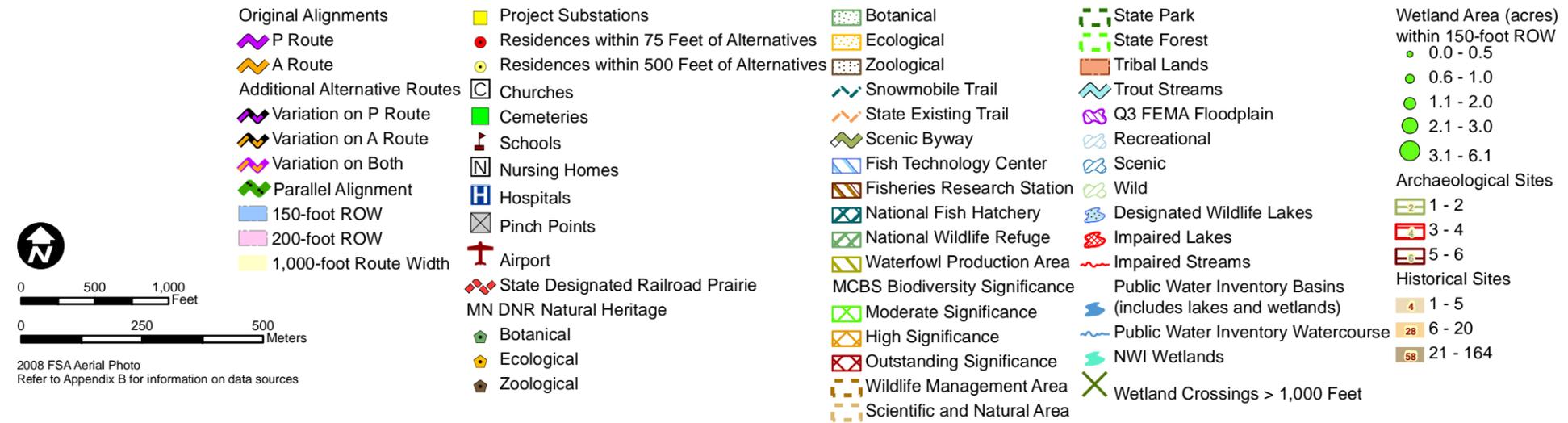
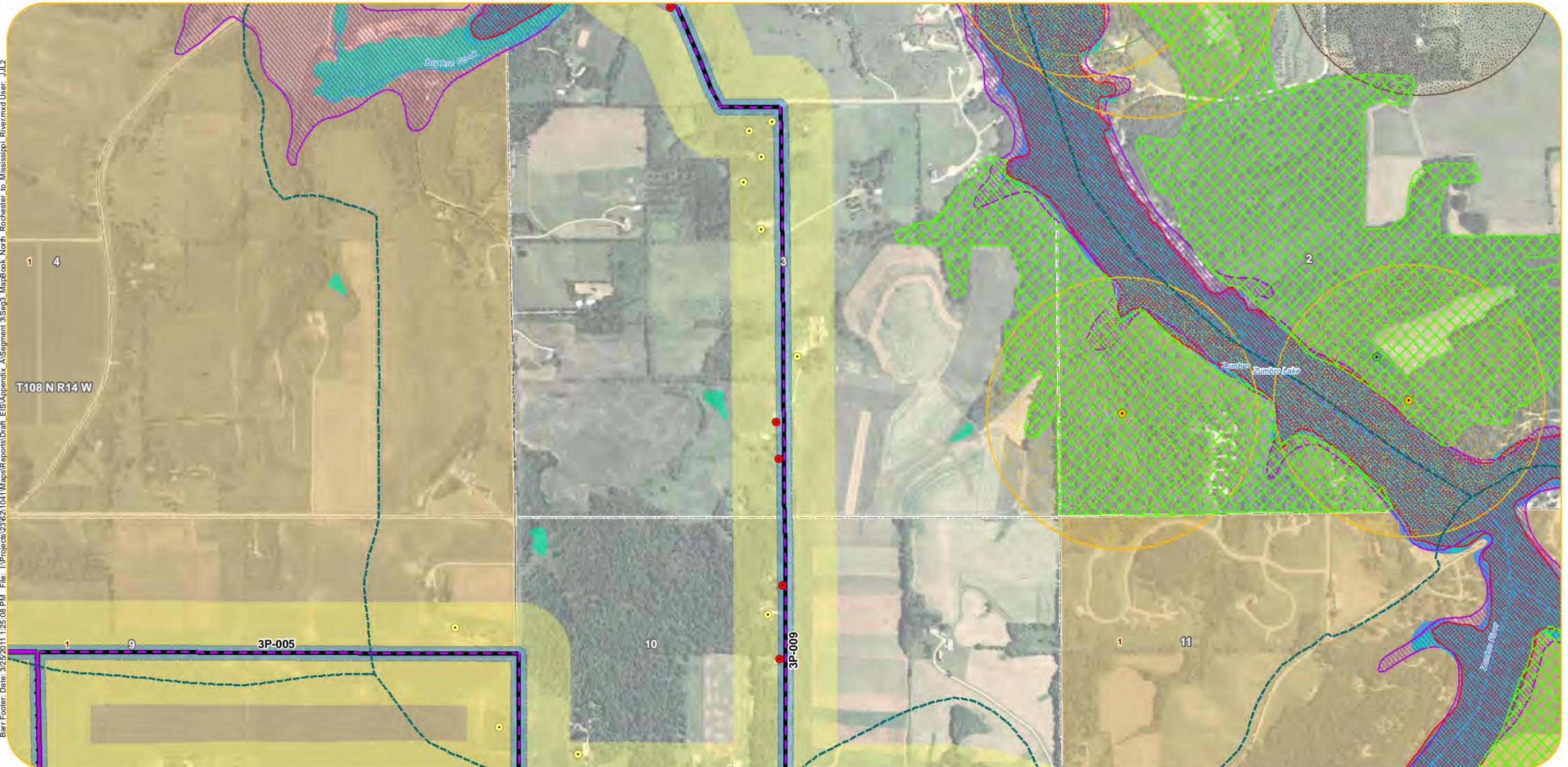


- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | Fisheries Research Station | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Fish Hatchery | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | National Wildlife Refuge | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | Waterfowl Production Area | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | MCBS Biodiversity Significance | Public Water Inventory Basins (includes lakes and wetlands) | 4 1 - 5 |
| | Botanical | Moderate Significance | Public Water Inventory Watercourse | 28 6 - 20 |
| | Ecological | High Significance | NWI Wetlands | 58 21 - 164 |
| | Zoological | Outstanding Significance | Wetland Crossings > 1,000 Feet | |
| | | Wildlife Management Area | | |
| | | Scientific and Natural Area | | |

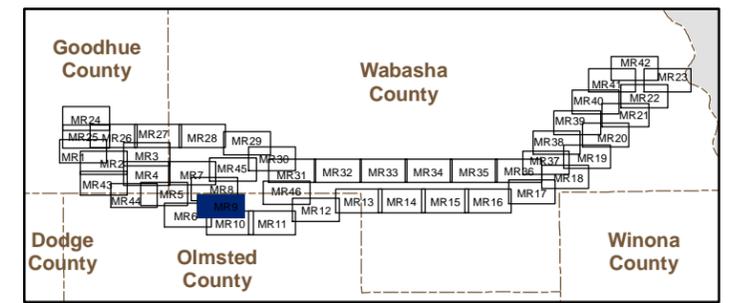
Appendix A - Sheet MR8
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



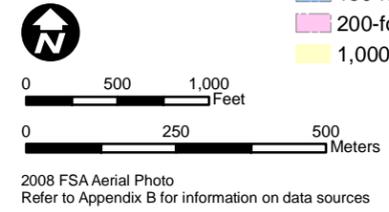
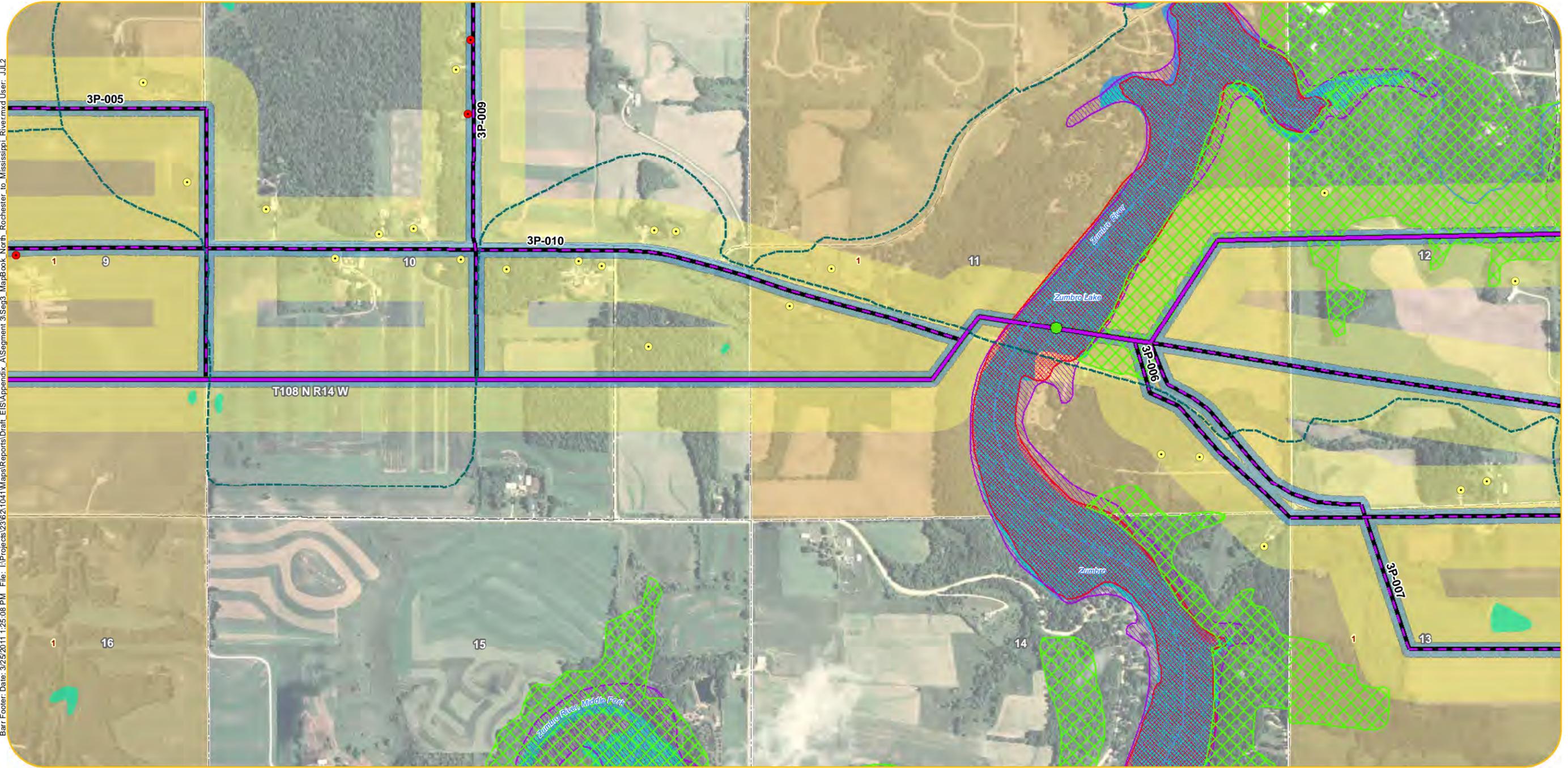
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



Appendix A - Sheet MR9
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



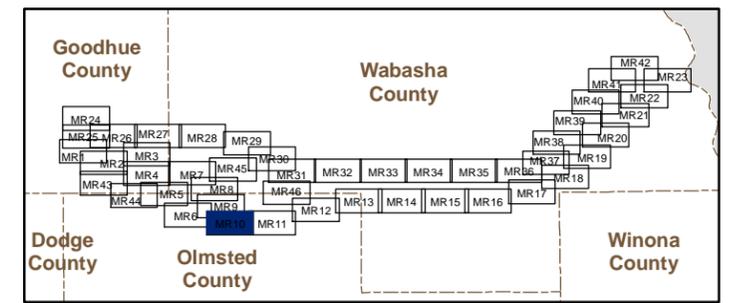
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



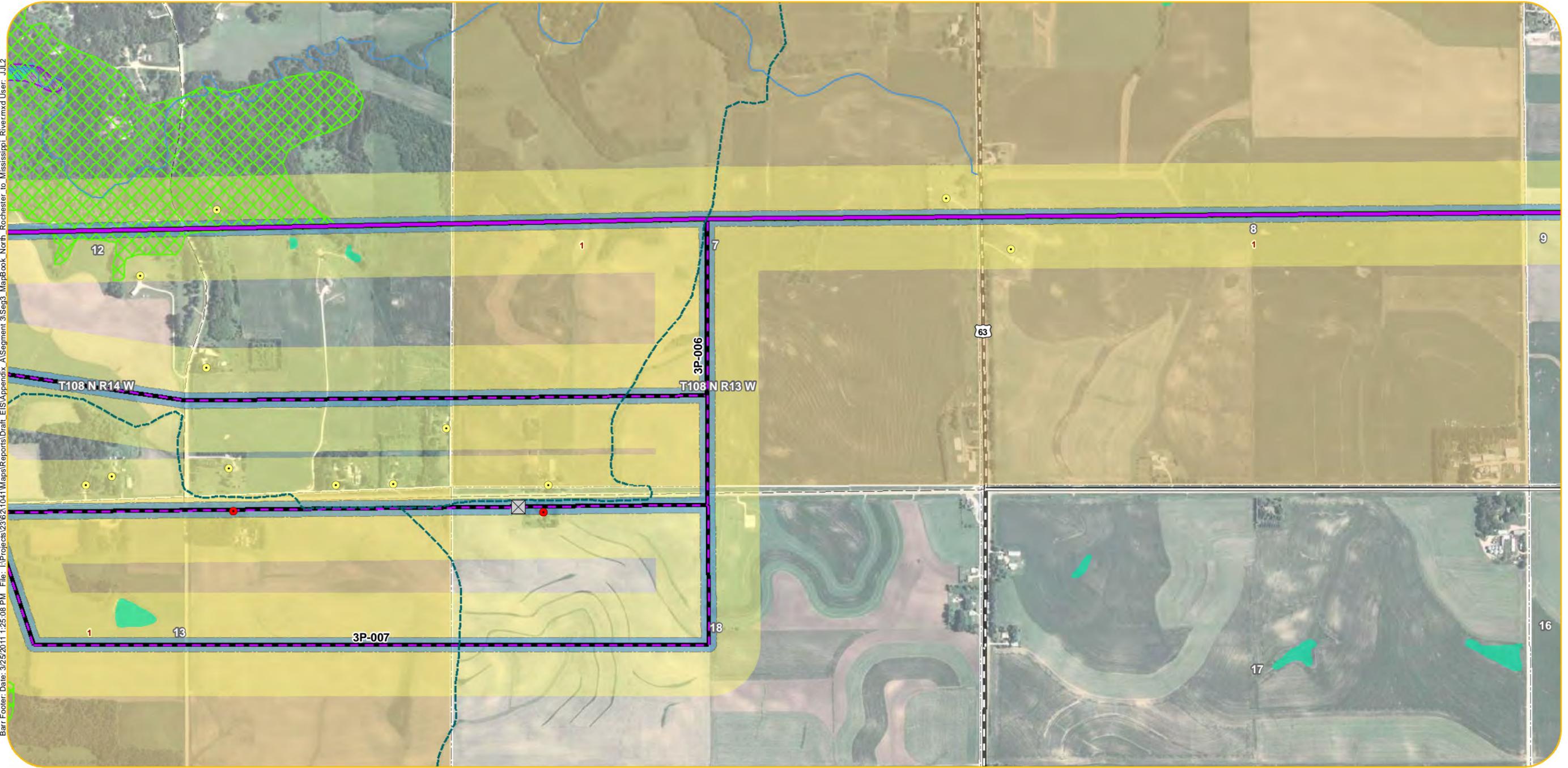
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | Fisheries Research Station | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Fish Hatchery | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | National Wildlife Refuge | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | Waterfowl Production Area | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | MCBS Biodiversity Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | Moderate Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | High Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Outstanding Significance | Wetland Crossings > 1,000 Feet | |
| | | Wildlife Management Area | | |
| | | Scientific and Natural Area | | |

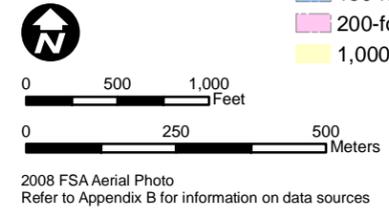
Appendix A - Sheet MR10
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



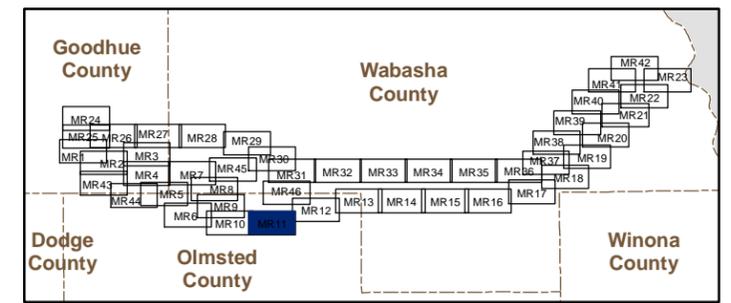
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



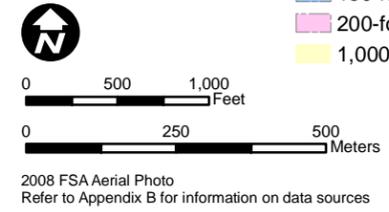
- | | | | | |
|---|---|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie <p>MN DNR Natural Heritage</p> <ul style="list-style-type: none"> Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center National Fish Hatchery National Wildlife Refuge Waterfowl Production Area <p>MCBS Biodiversity Significance</p> <ul style="list-style-type: none"> Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|---|--|---|---|



Appendix A - Sheet MR11
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



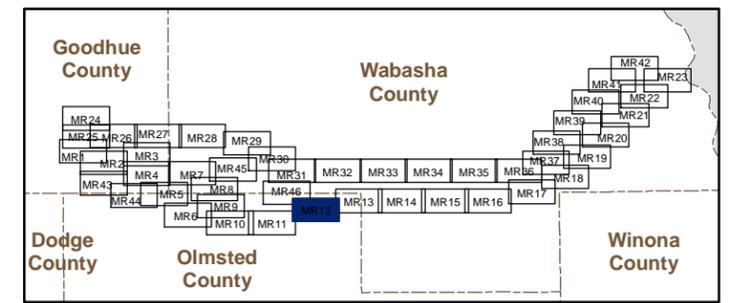
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



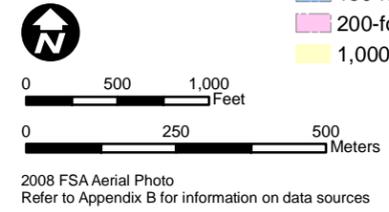
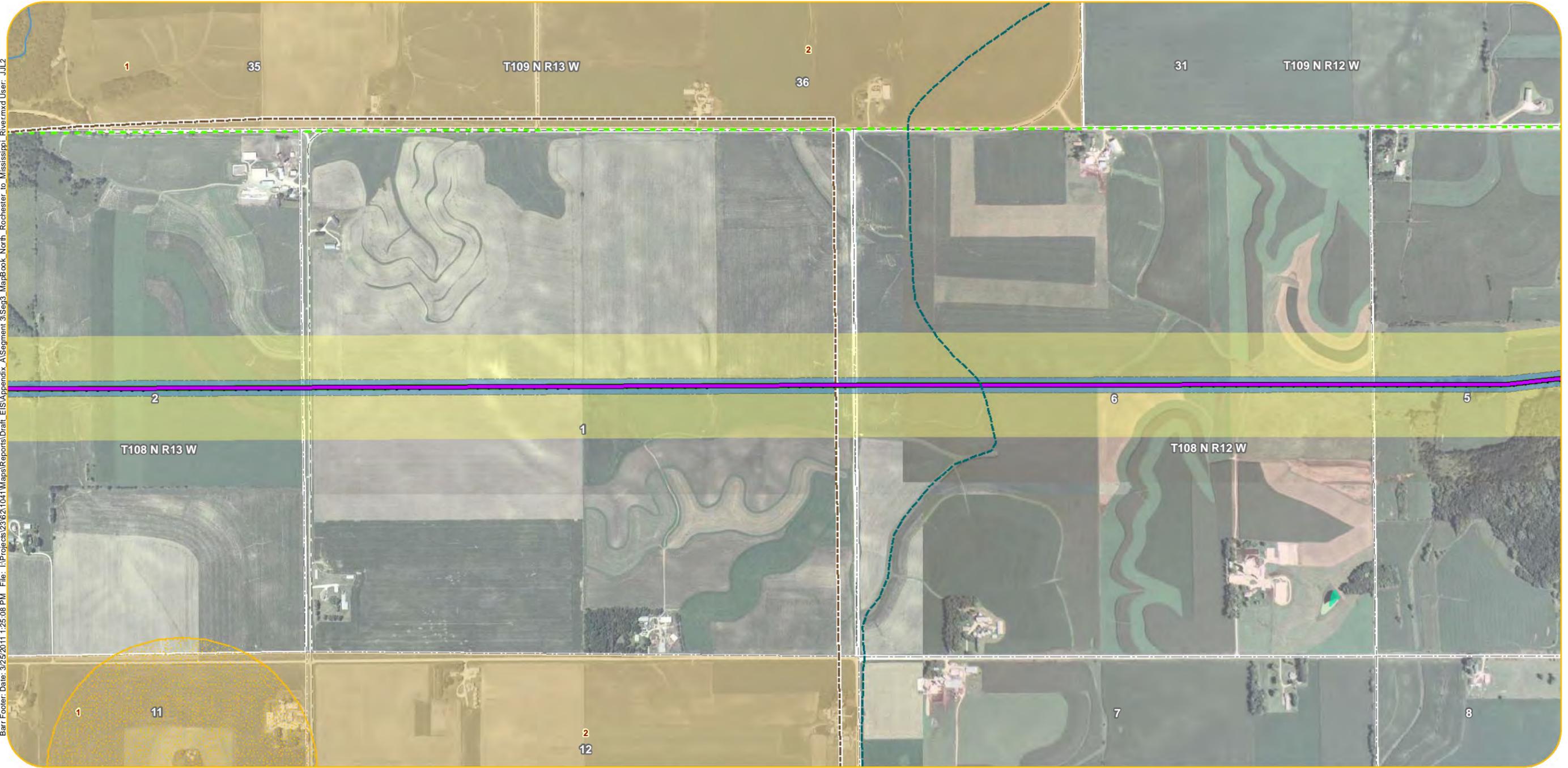
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|

Appendix A - Sheet MR12
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



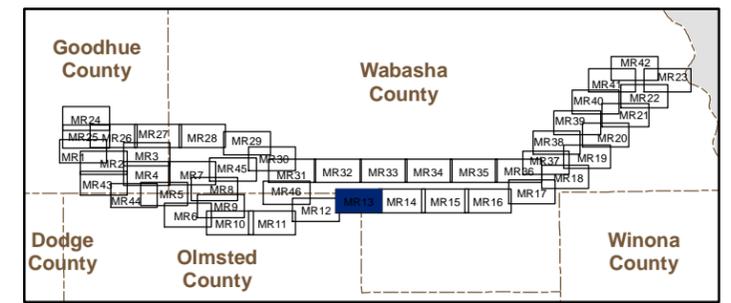
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



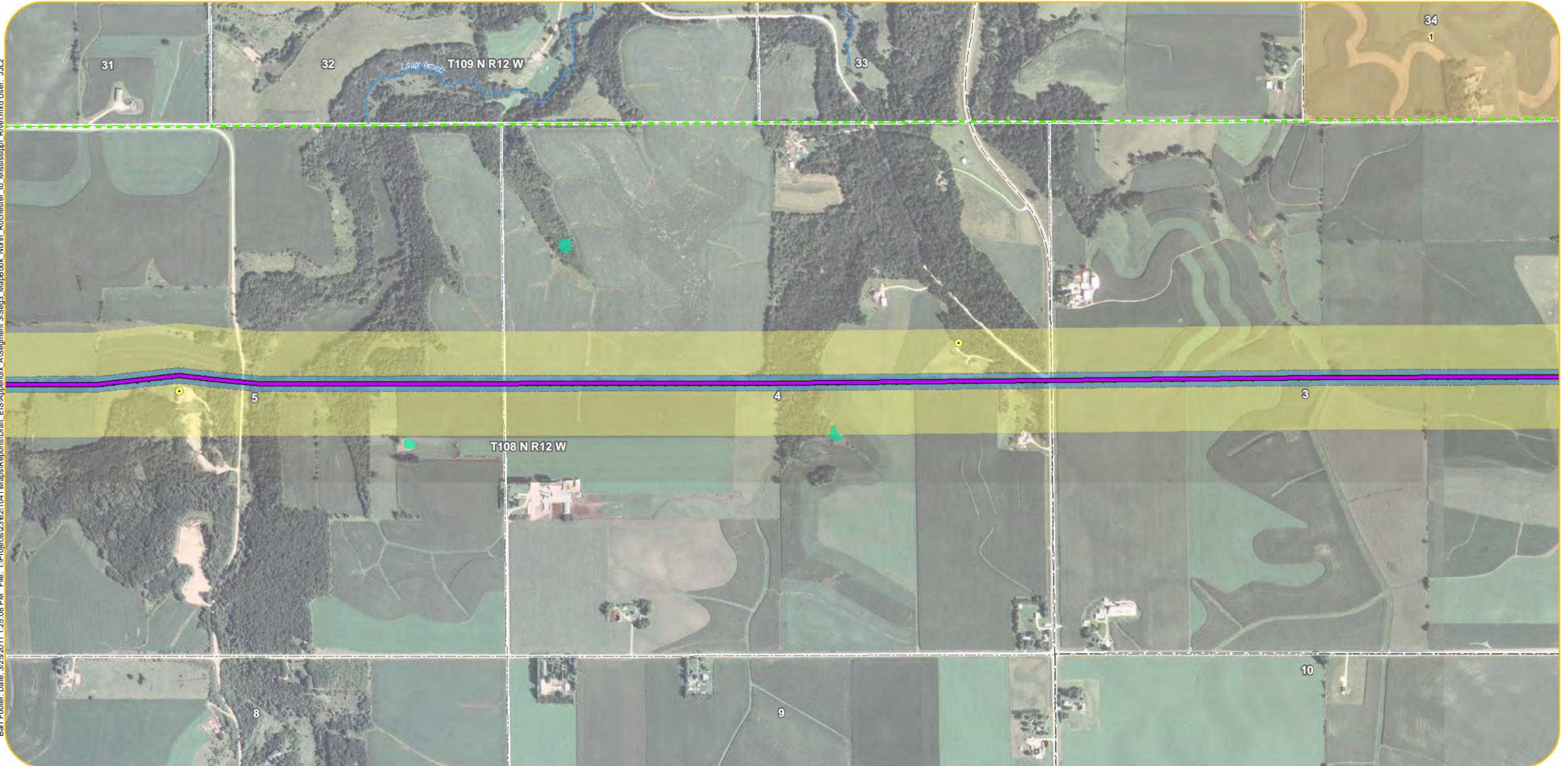
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

- | | | | | |
|---|---|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie <p>MN DNR Natural Heritage</p> <ul style="list-style-type: none"> Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|---|--|---|---|

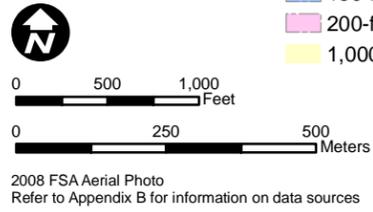
Appendix A - Sheet MR13
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



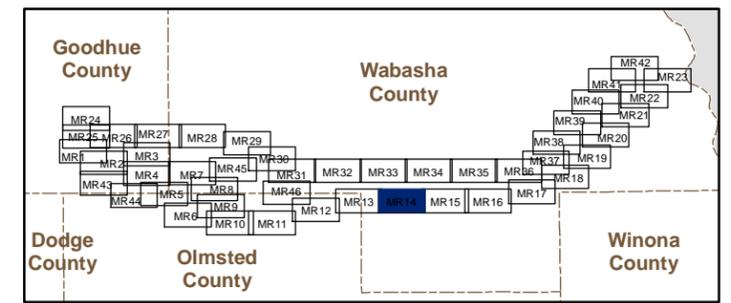
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



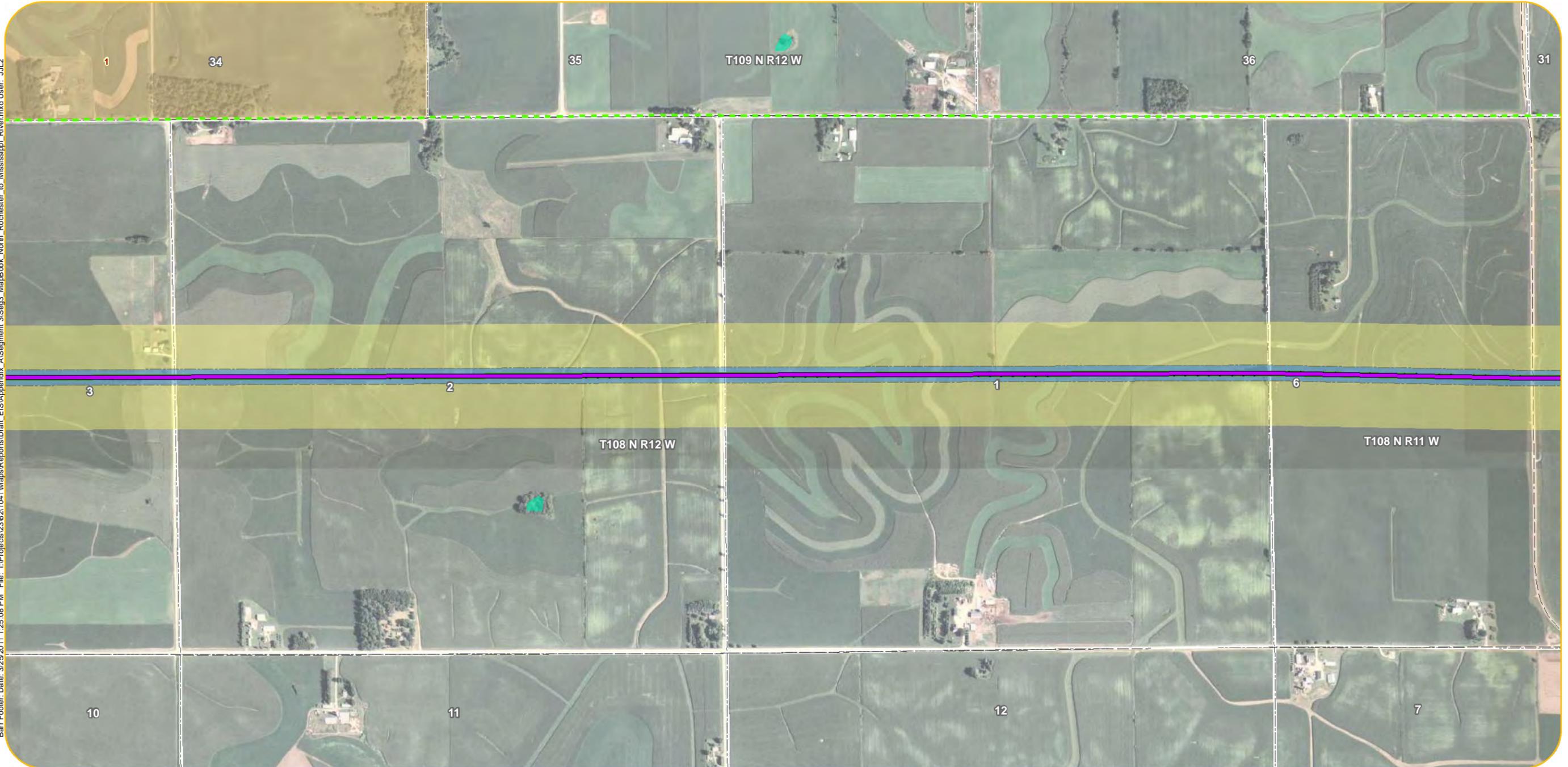
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |



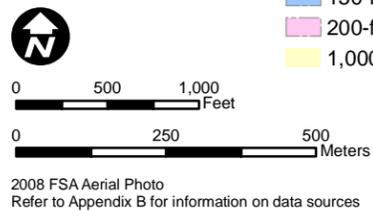
Appendix A - Sheet MR14
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



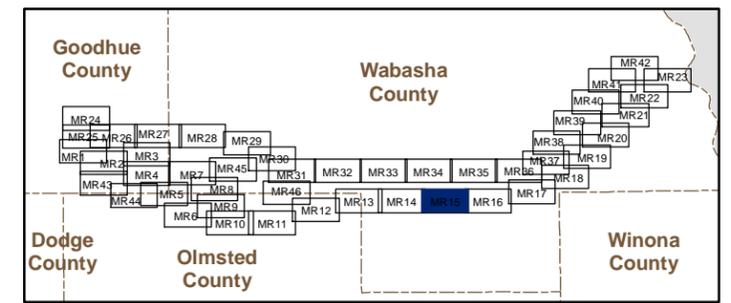
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



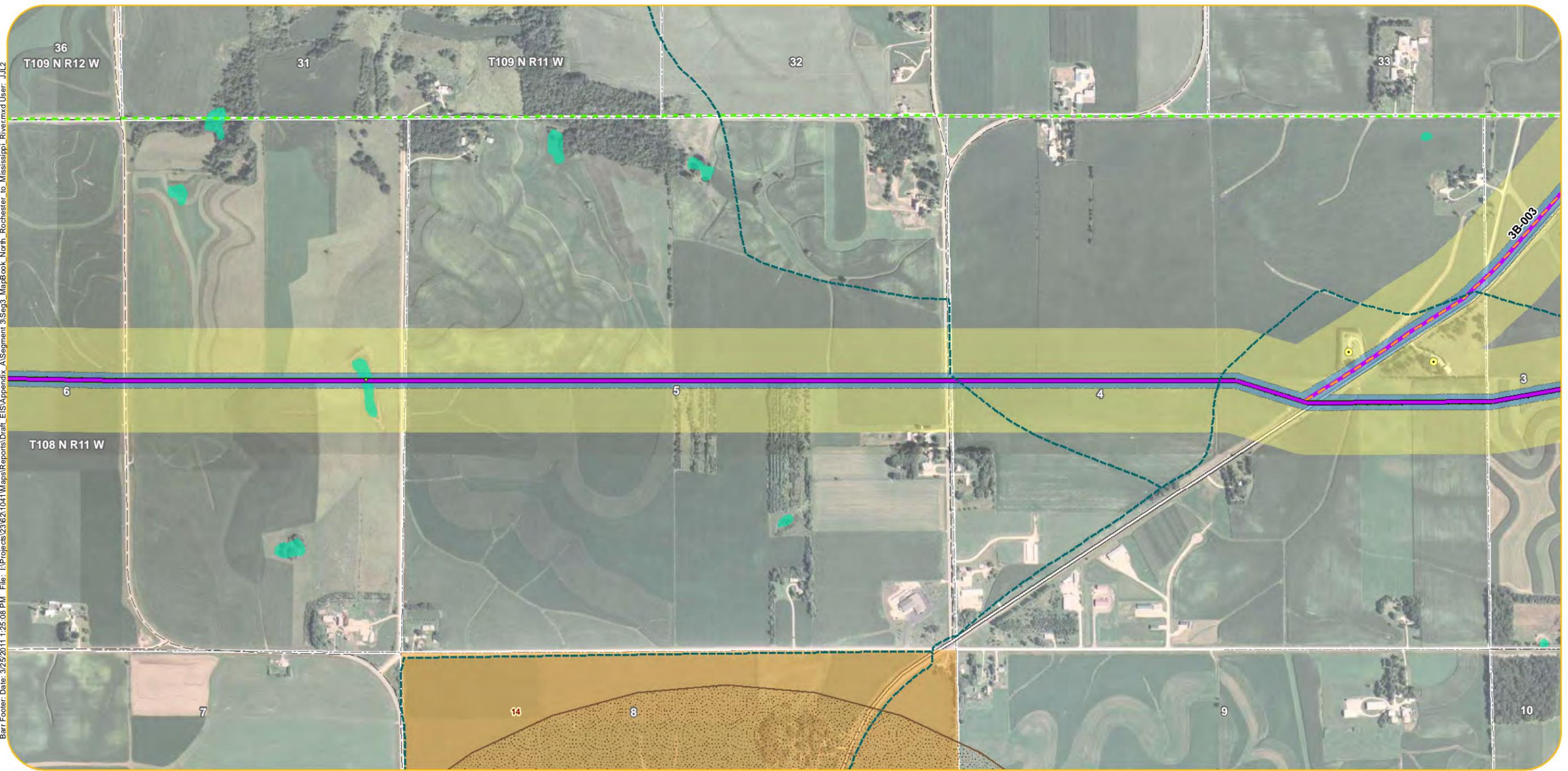
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |



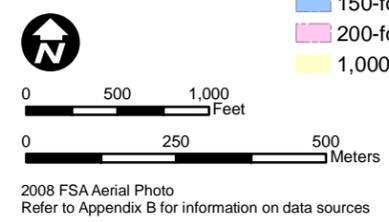
Appendix A - Sheet MR15
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



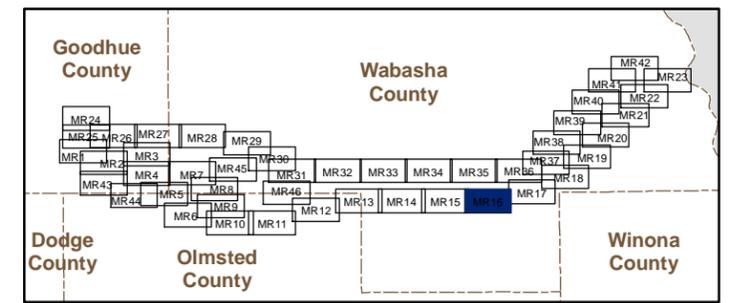
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



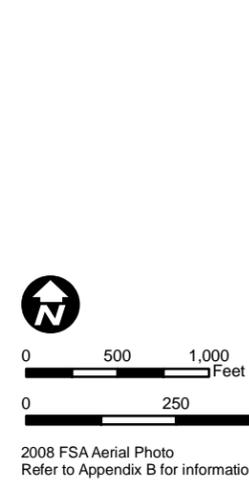
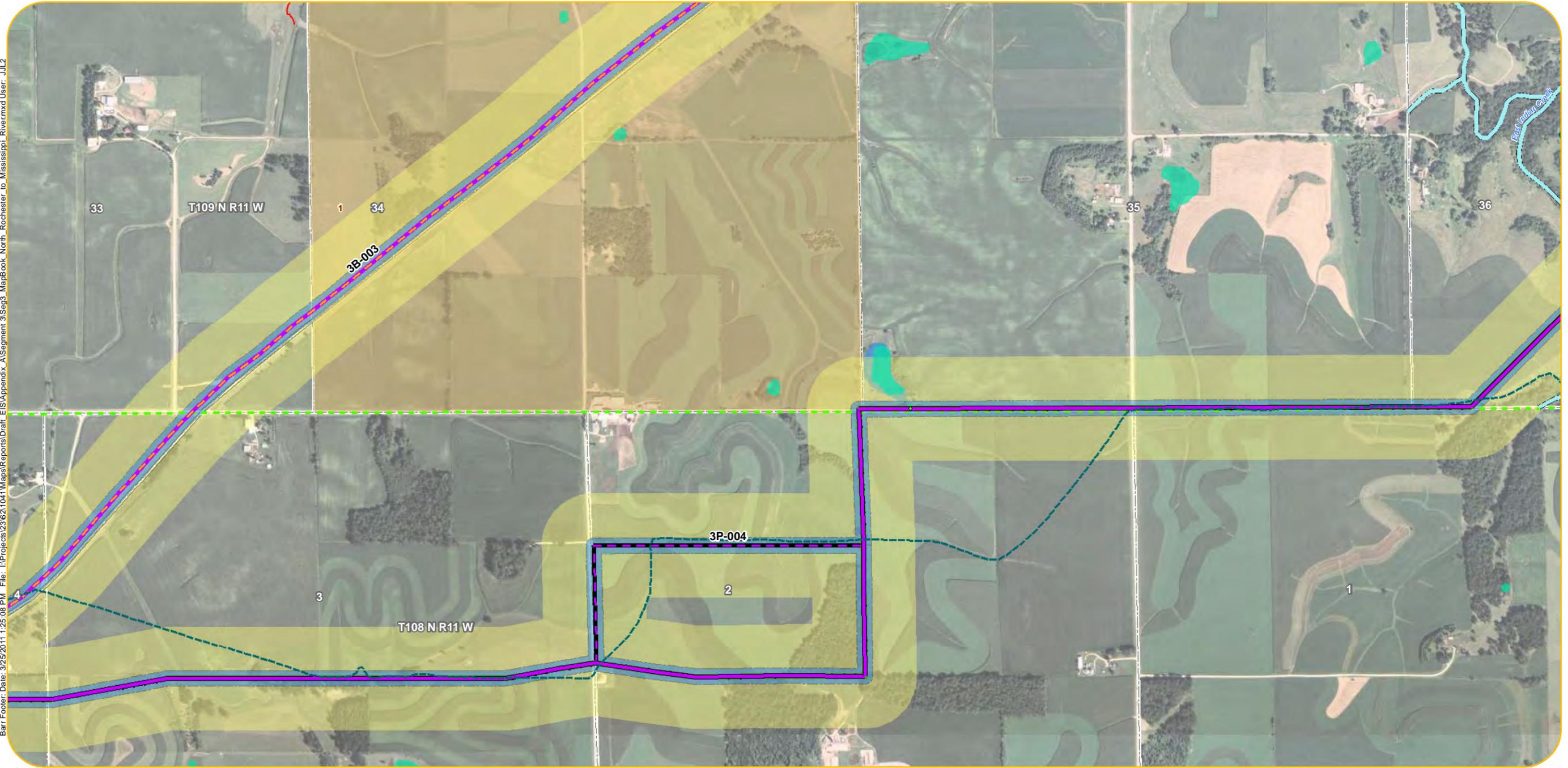
- | | | | | |
|---|---|---|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie <p>MN DNR Natural Heritage</p> <ul style="list-style-type: none"> Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area <p>MCBS Biodiversity Significance</p> <ul style="list-style-type: none"> Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|---|---|---|---|



Appendix A - Sheet MR16
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



- Original Alignments**
- P Route
 - A Route
- Additional Alternative Routes**
- Variation on P Route
 - Variation on A Route
 - Variation on Both
 - Parallel Alignment
 - 150-foot ROW
 - 200-foot ROW
 - 1,000-foot Route Width

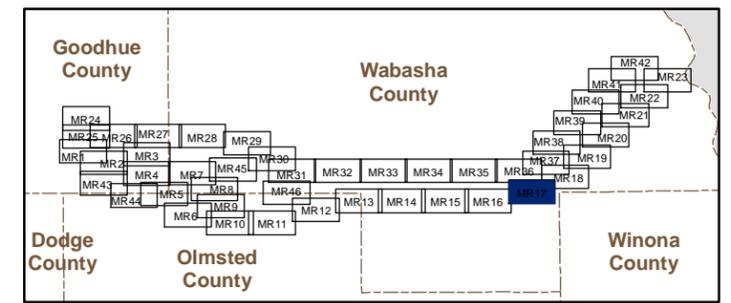
- Project Substations
- Residences within 75 Feet of Alternatives
- Residences within 500 Feet of Alternatives
- Churches
- Cemeteries
- Schools
- Nursing Homes
- Hospitals
- Pinch Points
- Airport
- State Designated Railroad Prairie
- MN DNR Natural Heritage
 - Botanical
 - Ecological
 - Zoological

- Botanical
- Ecological
- Zoological
- Snowmobile Trail
- State Existing Trail
- Scenic Byway
- Fish Technology Center
- National Fish Hatchery
- National Wildlife Refuge
- Waterfowl Production Area
- MCBS Biodiversity Significance
 - Moderate Significance
 - High Significance
 - Outstanding Significance
 - Wildlife Management Area
 - Scientific and Natural Area

- State Park
- State Forest
- Tribal Lands
- Trout Streams
- Q3 FEMA Floodplain
- Recreational
- Scenic
- Wild
- Designated Wildlife Lakes
- Impaired Lakes
- Impaired Streams
- Public Water Inventory Basins (includes lakes and wetlands)
- Public Water Inventory Watercourse
- NWI Wetlands
- Wetland Crossings > 1,000 Feet

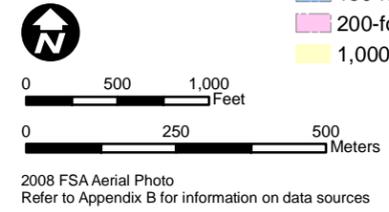
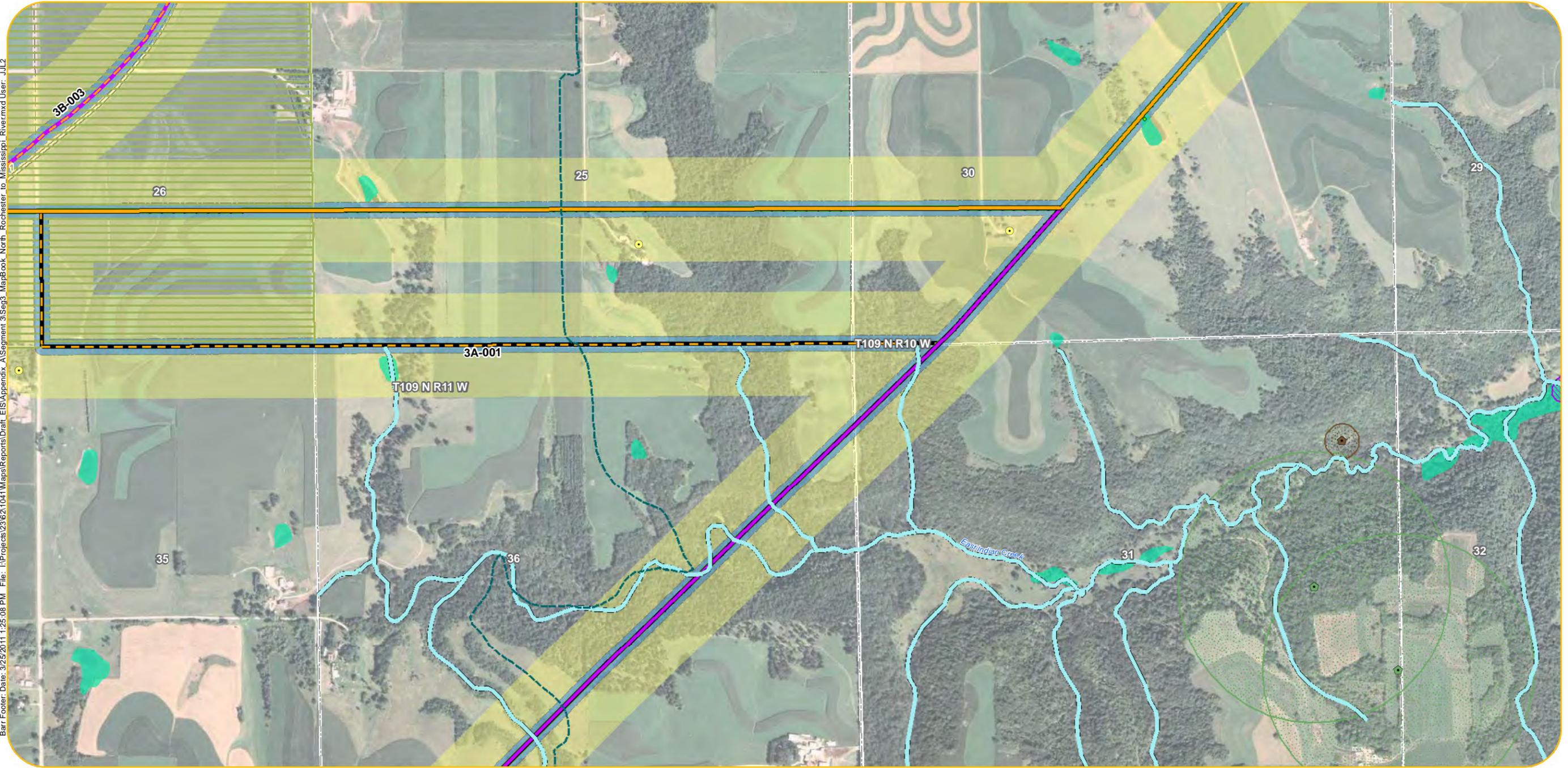
- Wetland Area (acres) within 150-foot ROW**
- 0.0 - 0.5
 - 0.6 - 1.0
 - 1.1 - 2.0
 - 2.1 - 3.0
 - 3.1 - 6.1
- Archaeological Sites**
- 1 - 2
 - 3 - 4
 - 5 - 6
- Historical Sites**
- 1 - 5
 - 6 - 20
 - 21 - 164

Appendix A - Sheet MR17
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

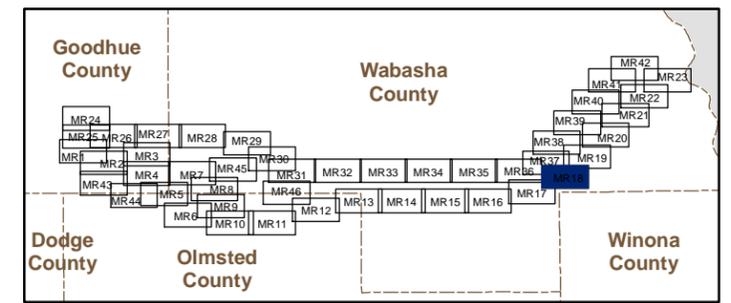
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



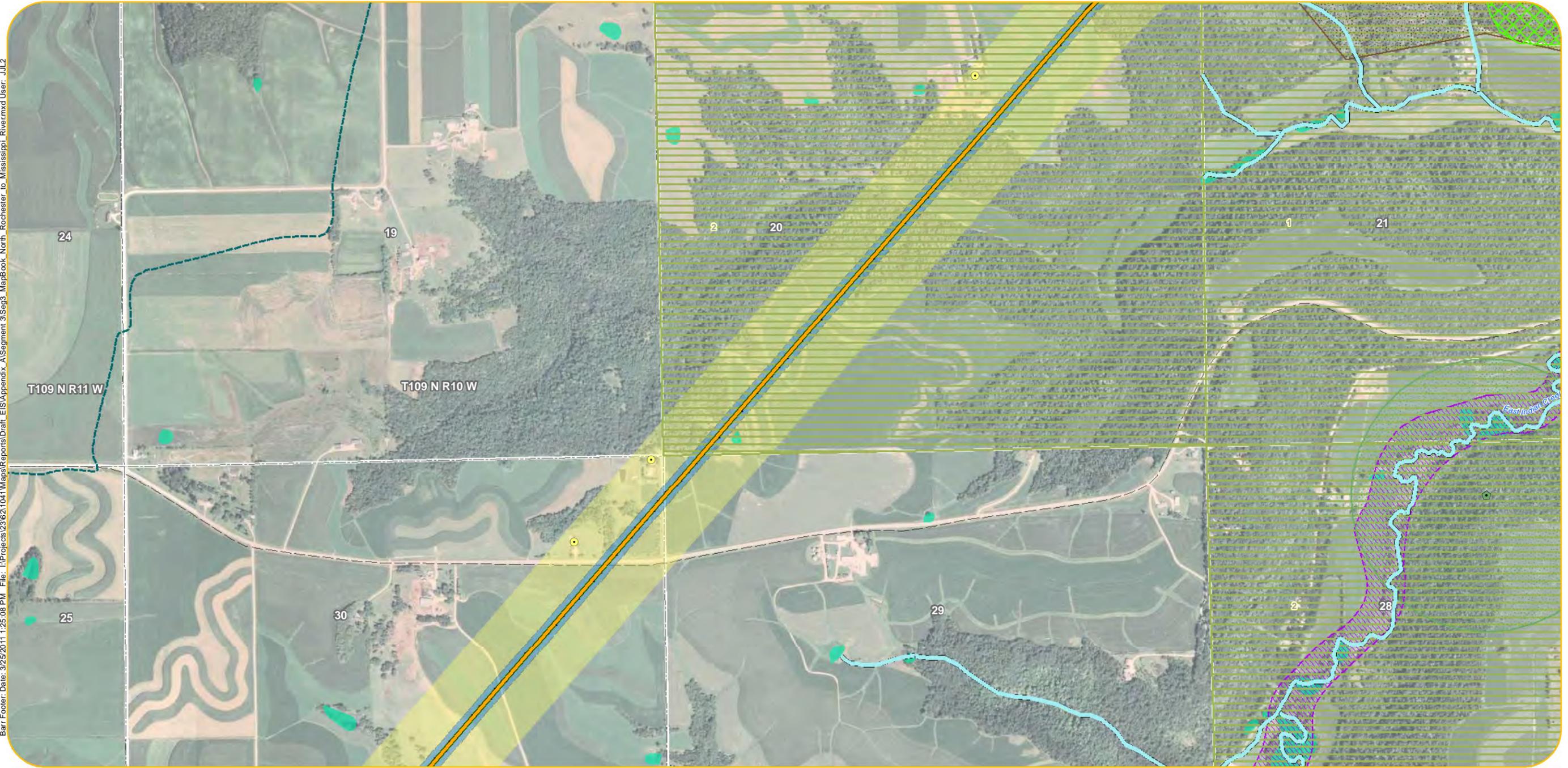
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|

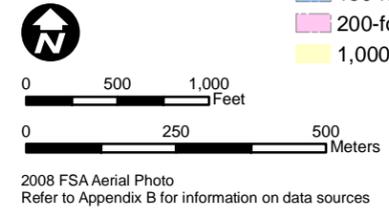
Appendix A - Sheet MR18
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL

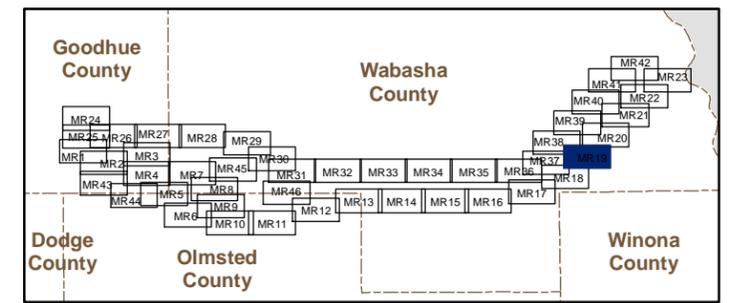


- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|

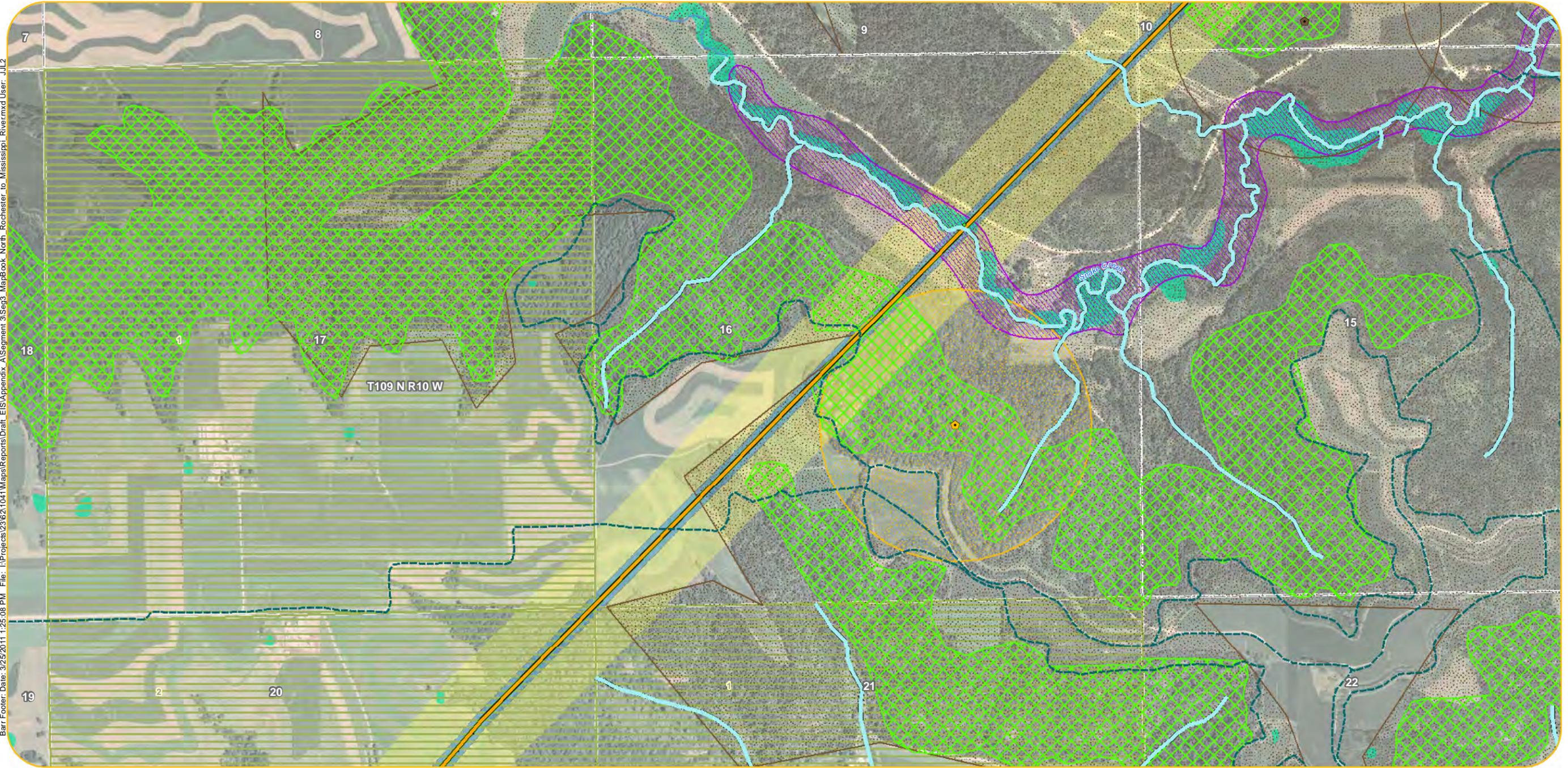


2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

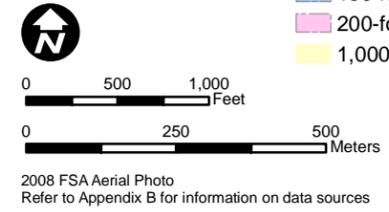
Appendix A - Sheet MR19
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



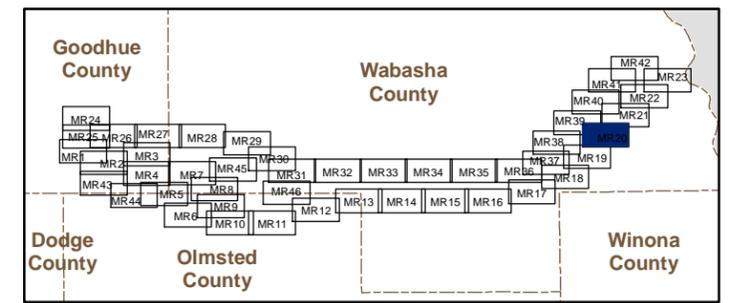
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



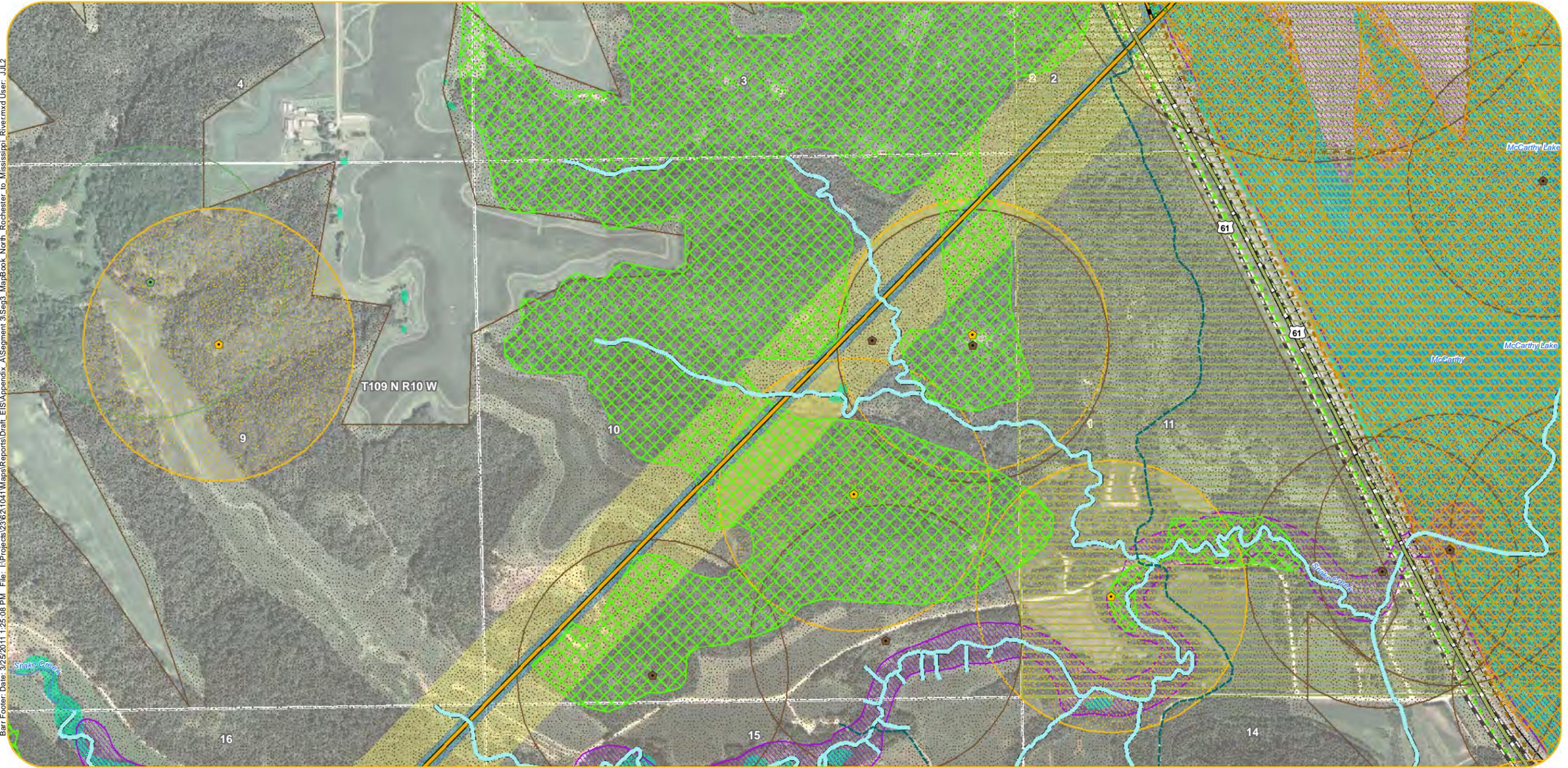
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |



Appendix A - Sheet MR20
Detail Map
Segment 3,
North Rochester Substation to Mississippi River

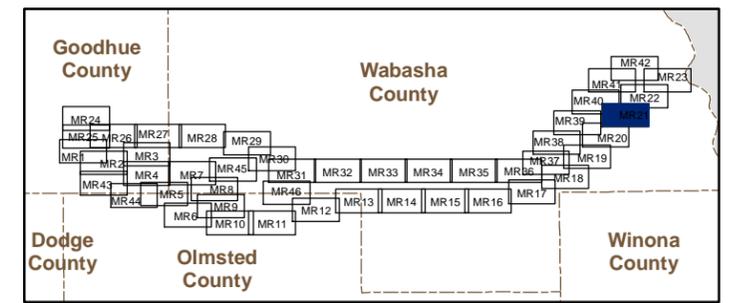


Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix A\Segment 3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



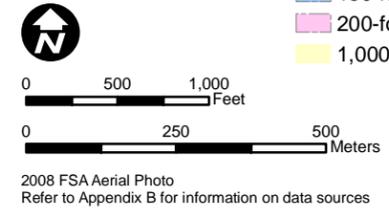
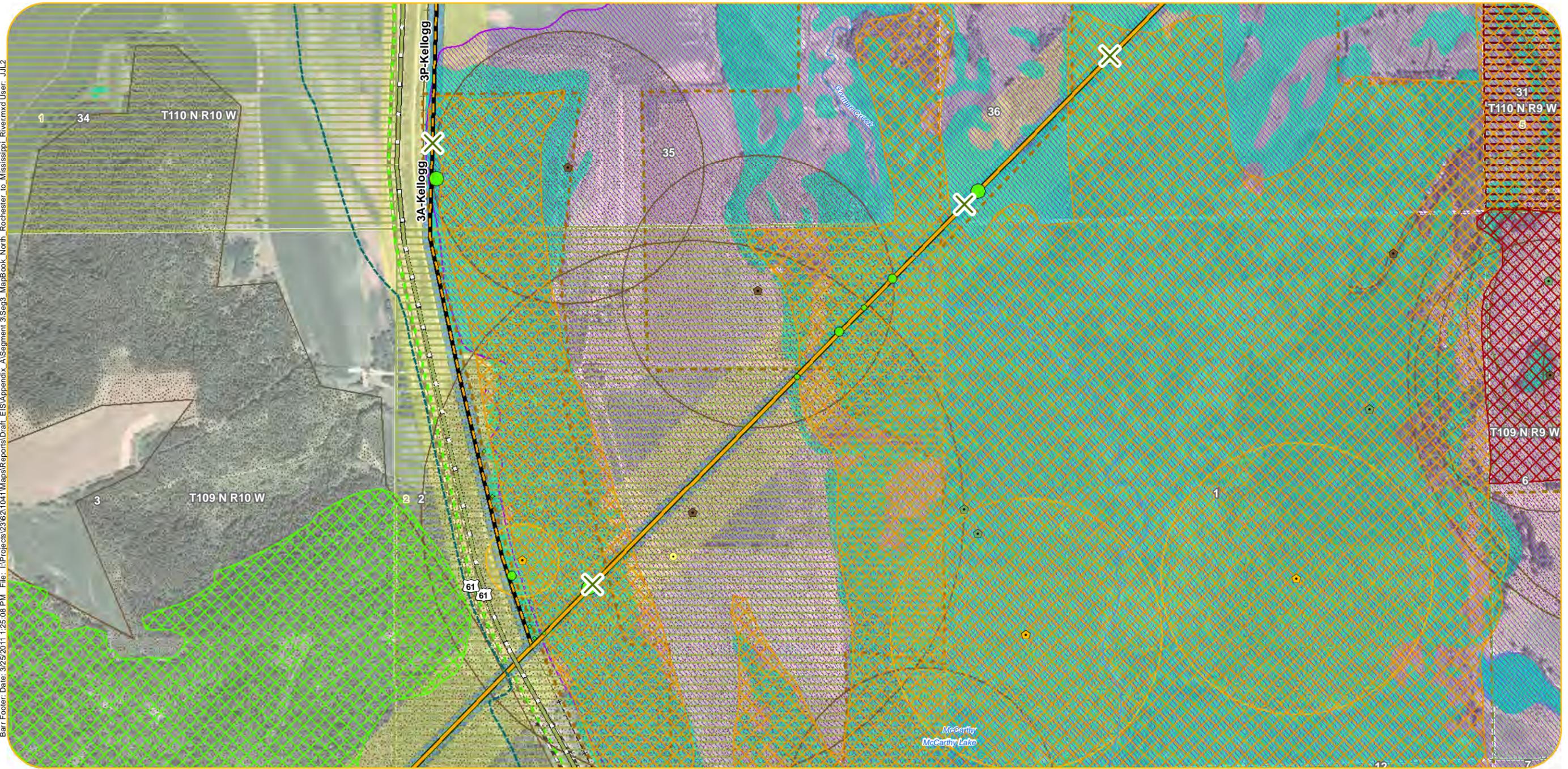
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |

Appendix A - Sheet MR21
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



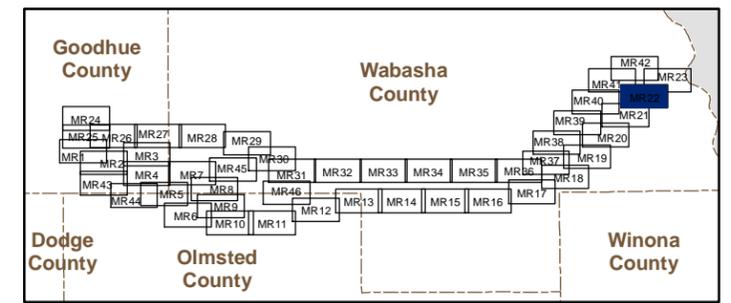
0 500 1,000 Feet
0 250 500 Meters
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL

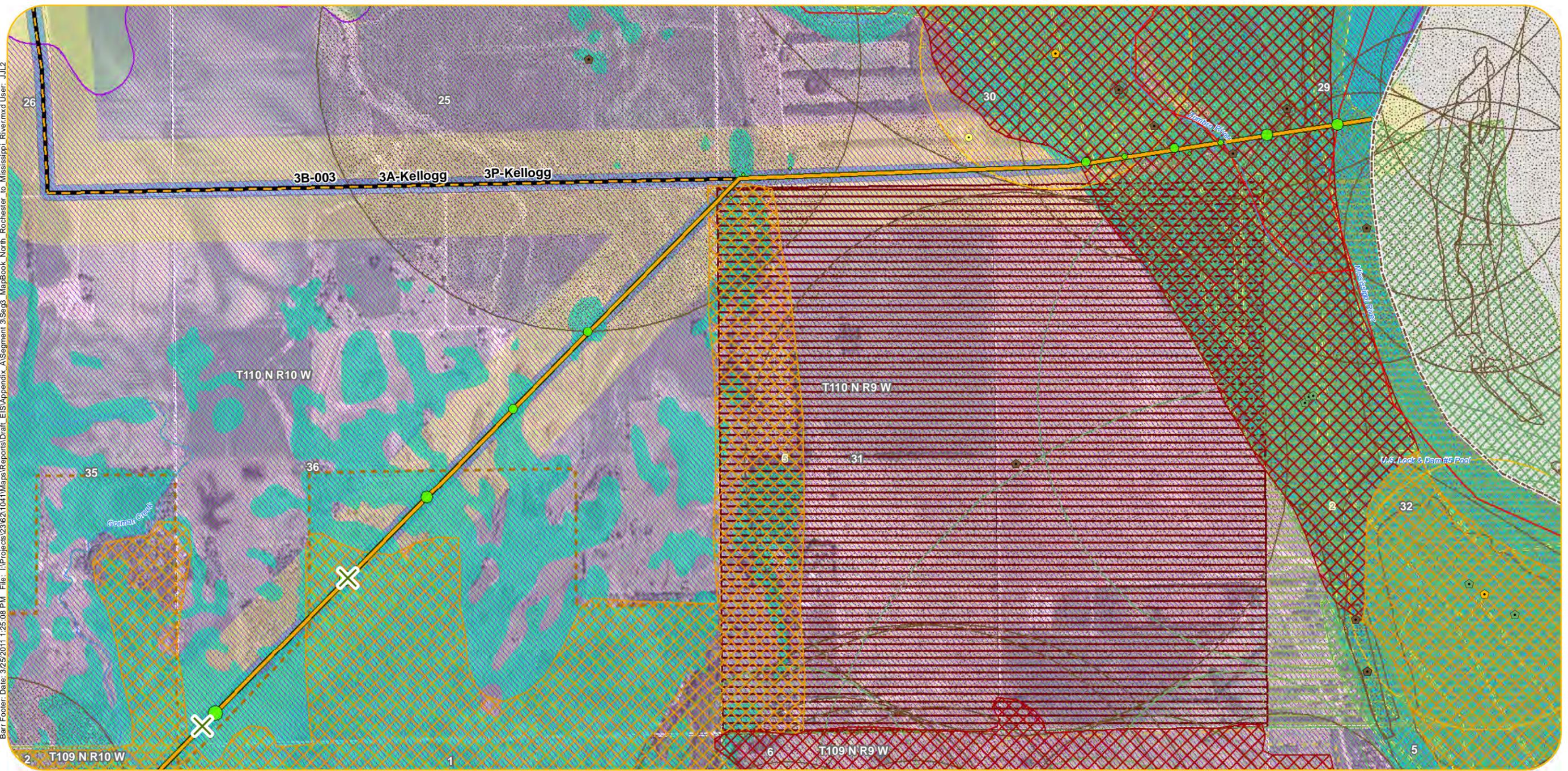


- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |

Appendix A - Sheet MR22
Detail Map
Segment 3,
North Rochester Substation to Mississippi River

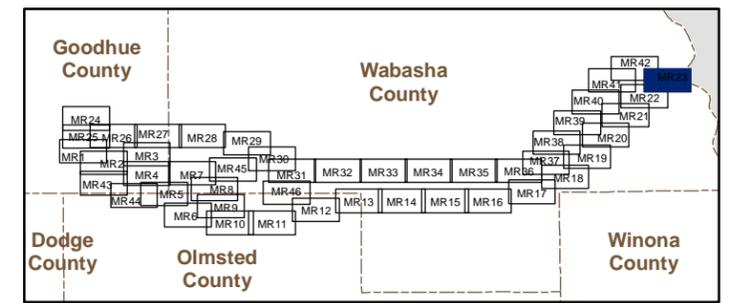
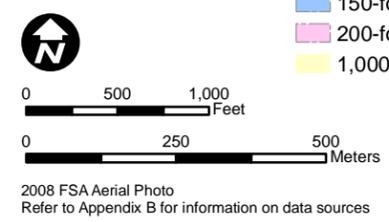


Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL

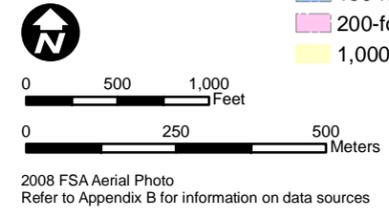
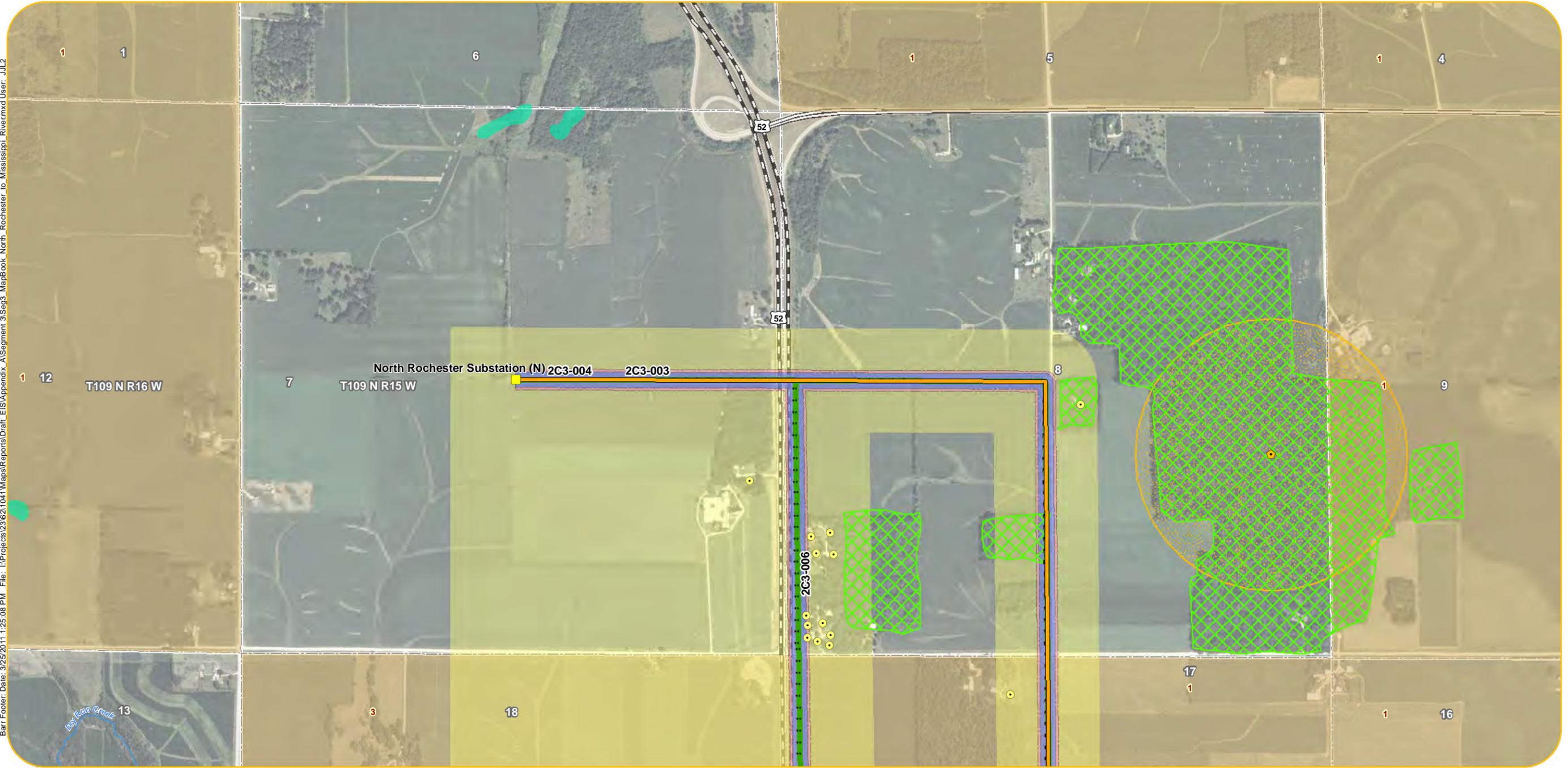


Appendix A - Sheet MR23
Detail Map
Segment 3,
North Rochester Substation to Mississippi River

- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|



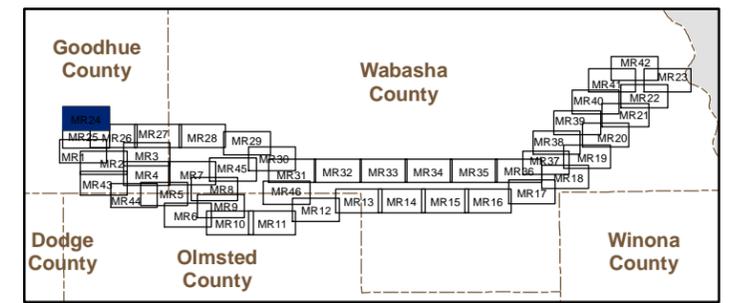
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



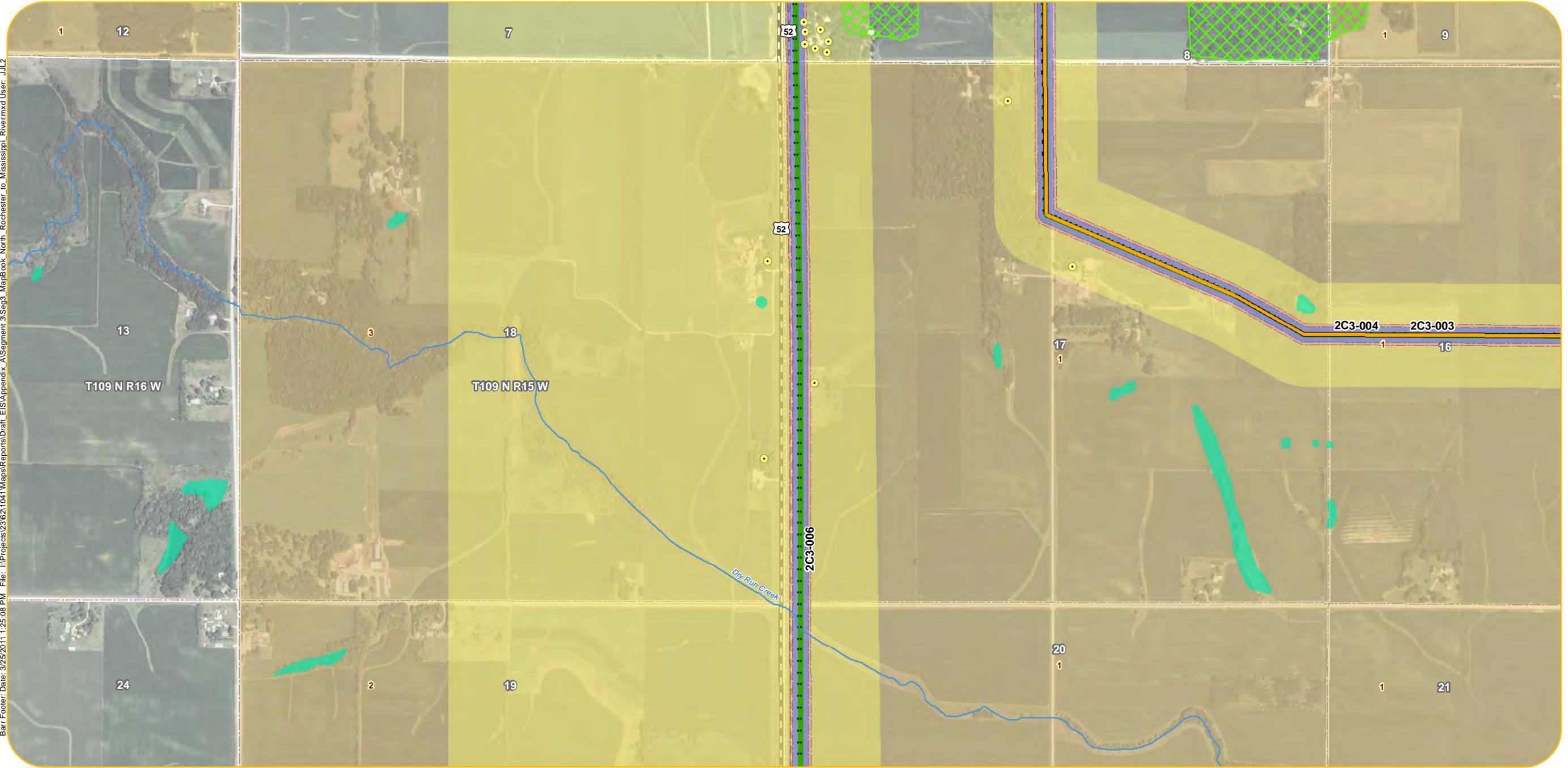
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | Fisheries Research Station | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Fish Hatchery | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | National Wildlife Refuge | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | Waterfowl Production Area | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | MCBS Biodiversity Significance | Public Water Inventory Basins (includes lakes and wetlands) | 4 1 - 5 |
| | Botanical | Moderate Significance | Public Water Inventory Watercourse | 28 6 - 20 |
| | Ecological | High Significance | NWI Wetlands | 58 21 - 164 |
| | Zoological | Outstanding Significance | Wetland Crossings > 1,000 Feet | |
| | | Wildlife Management Area | | |
| | | Scientific and Natural Area | | |

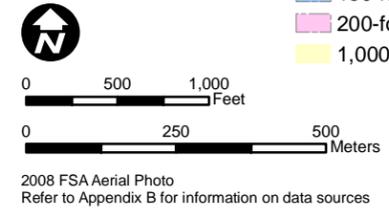
Appendix A - Sheet MR24
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



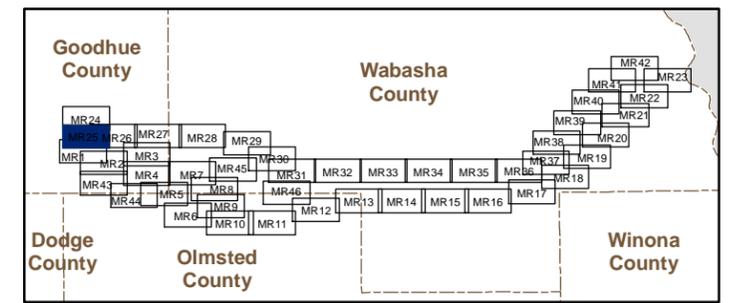
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



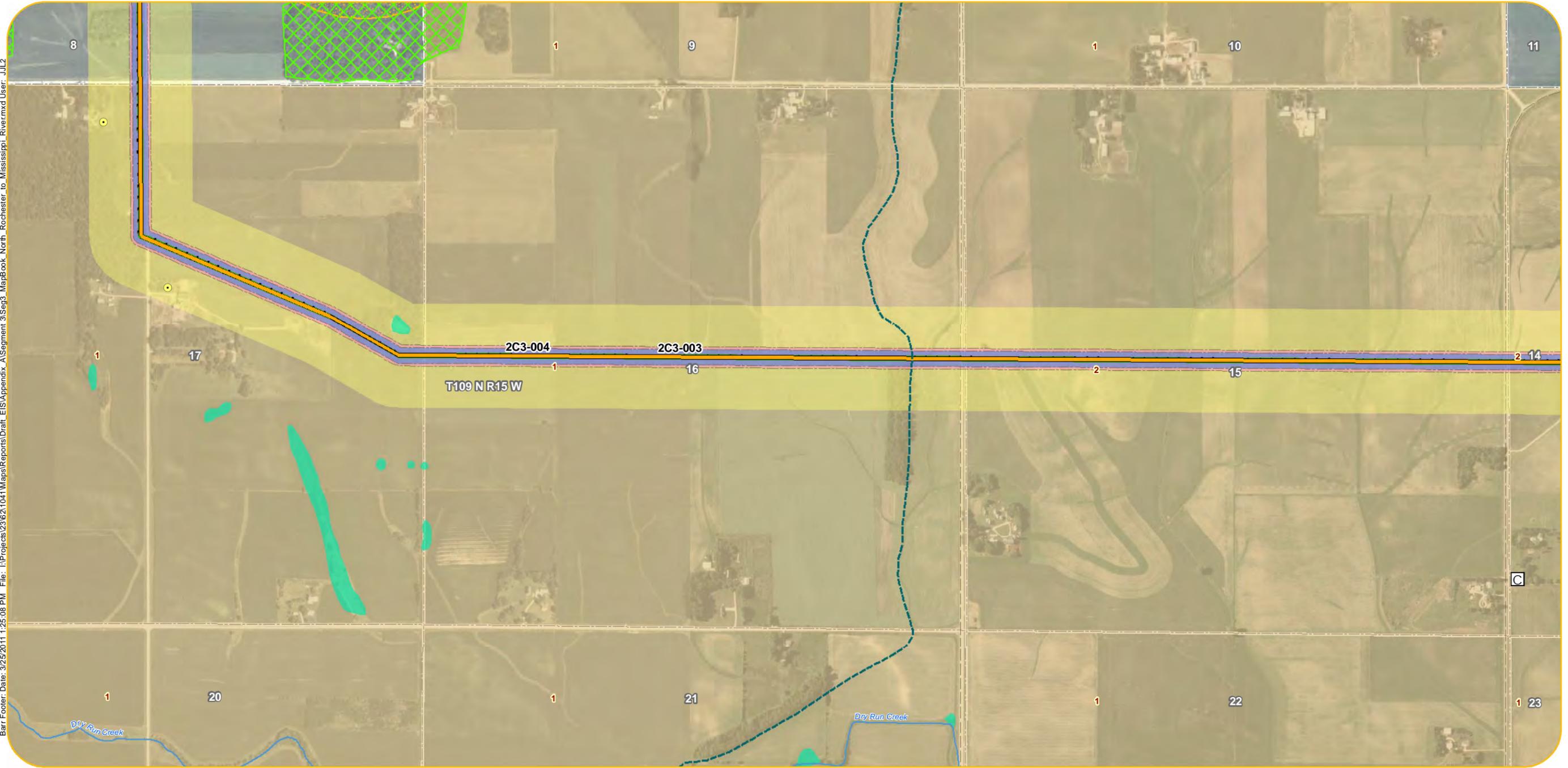
- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|



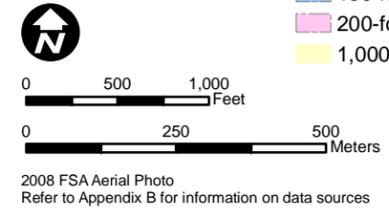
Appendix A - Sheet MR25
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



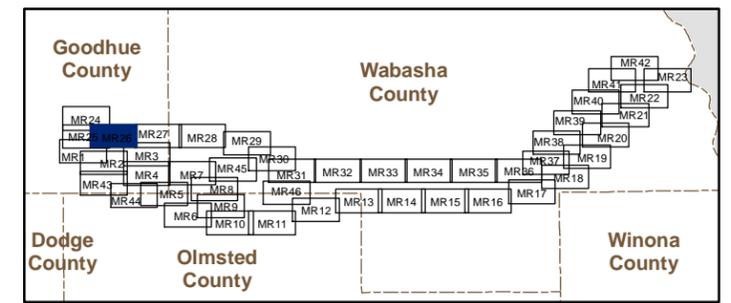
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL2



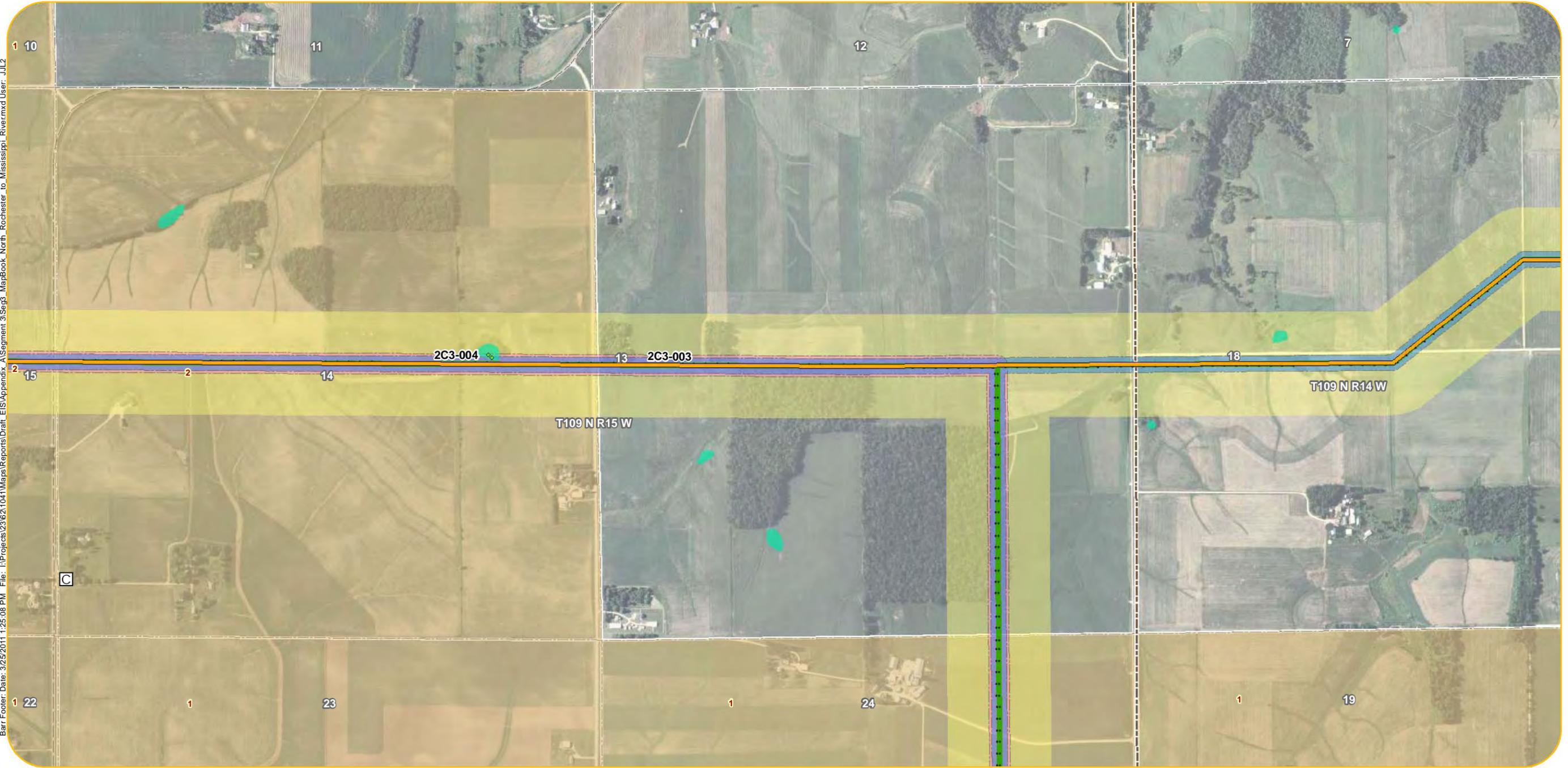
- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|



Appendix A - Sheet MR26
Detail Map
Segment 3,
North Rochester Substation to Mississippi River

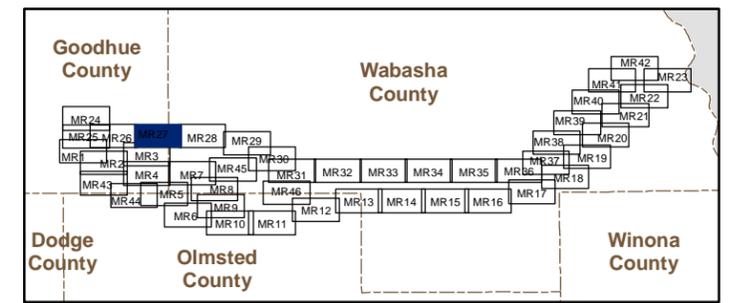


Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix A\Segment 3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



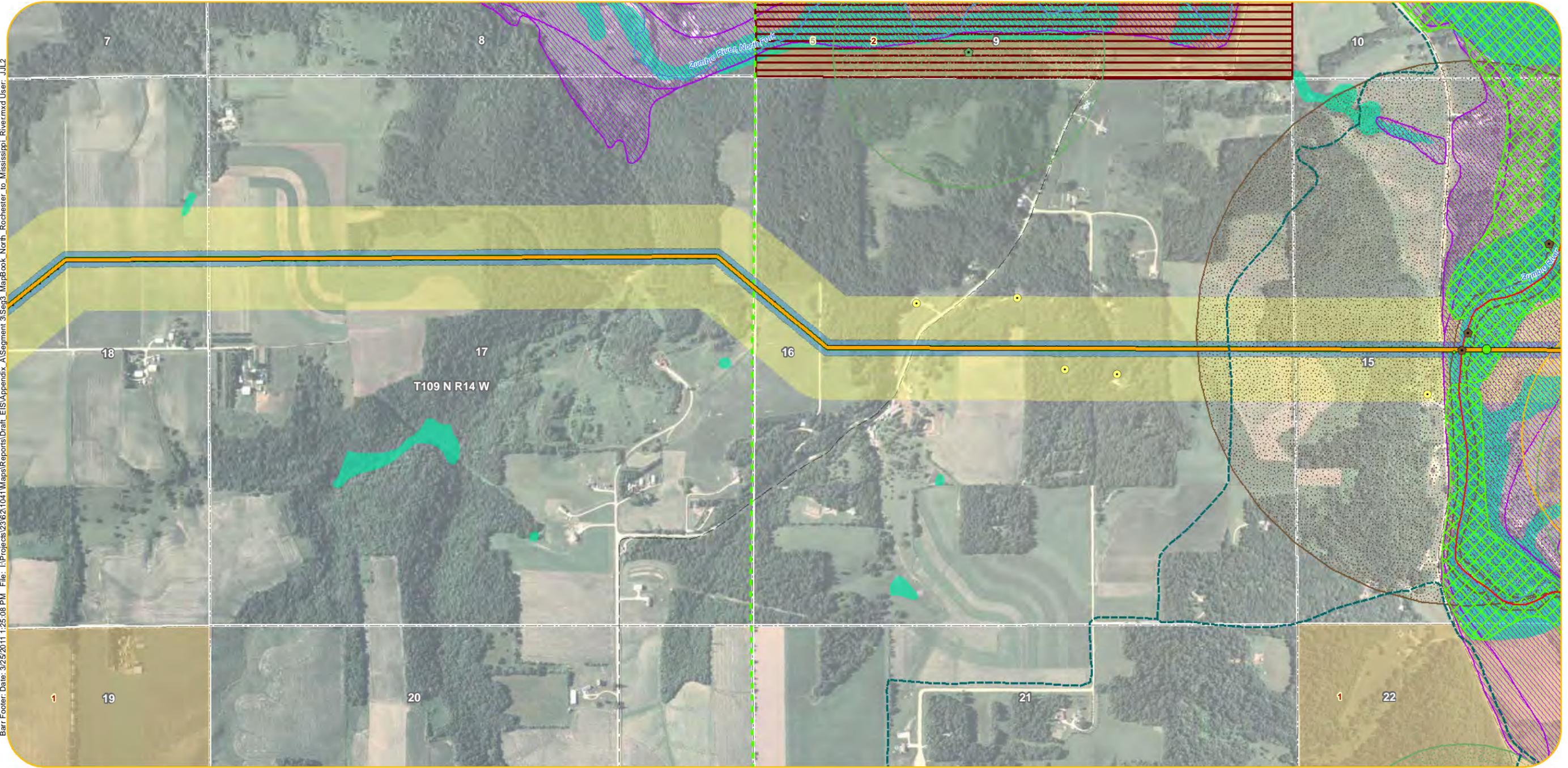
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.0 - 0.5 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 0.6 - 1.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 1.1 - 2.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 2.1 - 3.0 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | 3.1 - 6.1 |
| Parallel Alignment | Hospitals | Fisheries Research Station | Wild | Archaeological Sites |
| 150-foot ROW | Pinch Points | National Fish Hatchery | Designated Wildlife Lakes | 1 - 2 |
| 200-foot ROW | Airport | National Wildlife Refuge | Impaired Lakes | 3 - 4 |
| 1,000-foot Route Width | State Designated Railroad Prairie | Waterfowl Production Area | Impaired Streams | 5 - 6 |
| | MN DNR Natural Heritage | MCBS Biodiversity Significance | Public Water Inventory Basins (includes lakes and wetlands) | Historical Sites |
| | Botanical | Moderate Significance | Public Water Inventory Watercourse | 4 1 - 5 |
| | Ecological | High Significance | NWI Wetlands | 28 6 - 20 |
| | Zoological | Outstanding Significance | Wetland Crossings > 1,000 Feet | 58 21 - 164 |
| | | Wildlife Management Area | | |
| | | Scientific and Natural Area | | |

Appendix A - Sheet MR27
Detail Map
Segment 3,
North Rochester Substation to Mississippi River

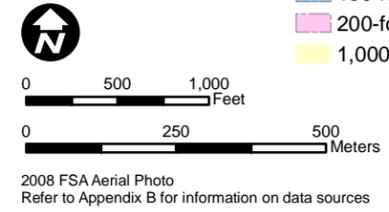


0 500 1,000 Feet
0 250 500 Meters
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



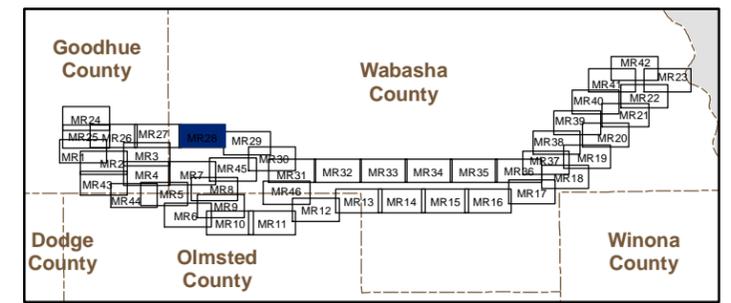
T109 N R14 W



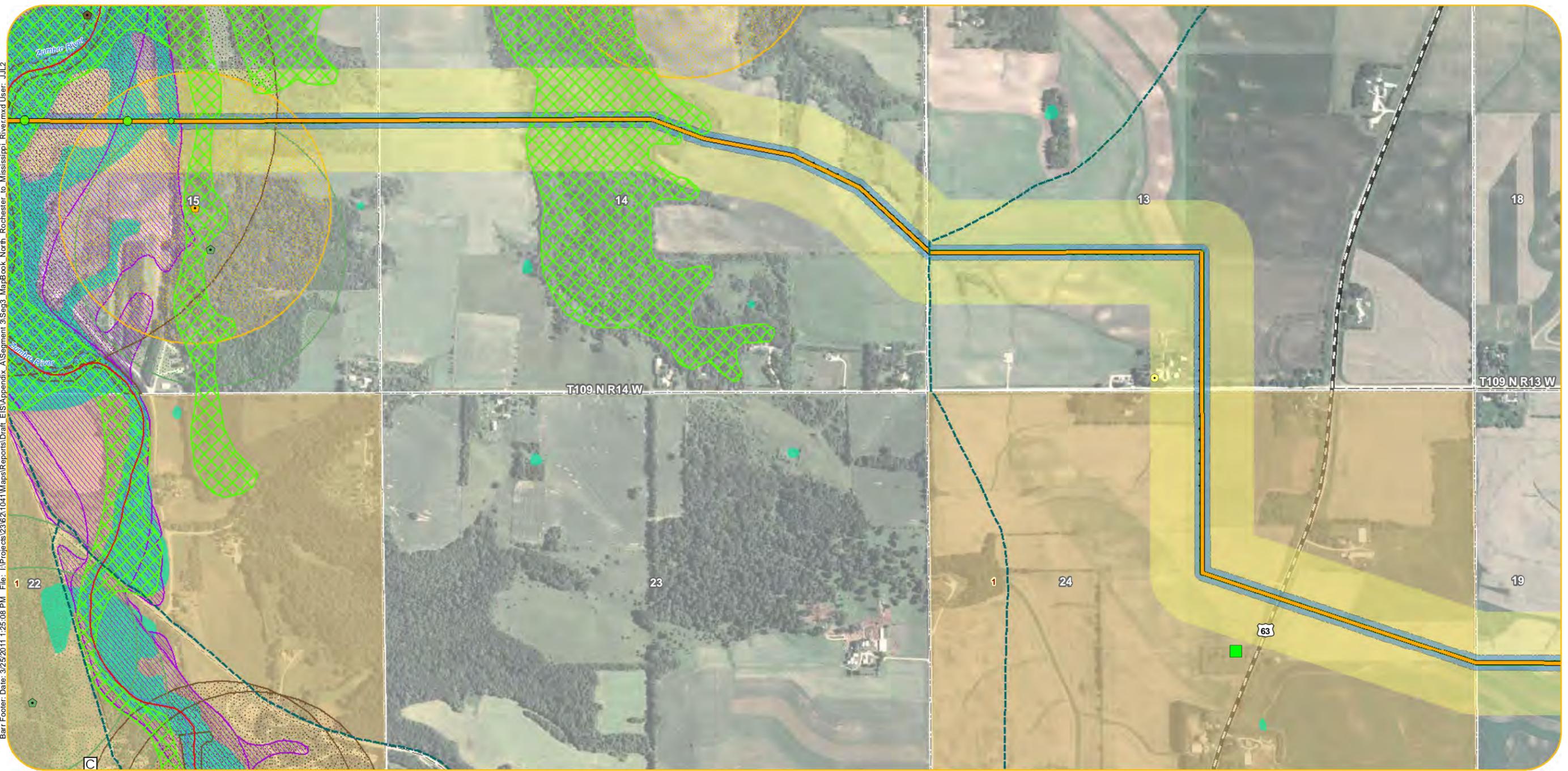
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

- | | | | | |
|-------------------------------|--|--------------------------------|---|----------------------|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | within 150-foot ROW |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.0 - 0.5 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 0.6 - 1.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 1.1 - 2.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 2.1 - 3.0 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | 3.1 - 6.1 |
| Parallel Alignment | Hospitals | Fisheries Research Station | Wild | Archaeological Sites |
| 150-foot ROW | Pinch Points | National Fish Hatchery | Designated Wildlife Lakes | 1 - 2 |
| 200-foot ROW | Airport | National Wildlife Refuge | Impaired Lakes | 3 - 4 |
| 1,000-foot Route Width | State Designated Railroad Prairie | Waterfowl Production Area | Impaired Streams | 5 - 6 |
| | MN DNR Natural Heritage | MCBS Biodiversity Significance | Public Water Inventory Basins (includes lakes and wetlands) | Historical Sites |
| | Botanical | Moderate Significance | Public Water Inventory Watercourse | 4 1 - 5 |
| | Ecological | High Significance | NWI Wetlands | 28 6 - 20 |
| | Zoological | Outstanding Significance | Wetland Crossings > 1,000 Feet | 58 21 - 164 |
| | | Wildlife Management Area | | |
| | | Scientific and Natural Area | | |

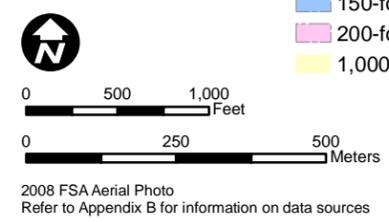
Appendix A - Sheet MR28
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



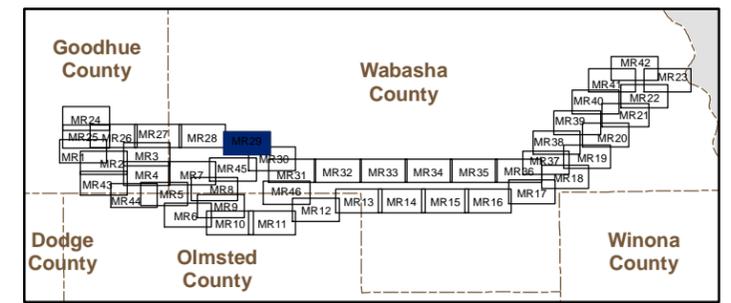
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



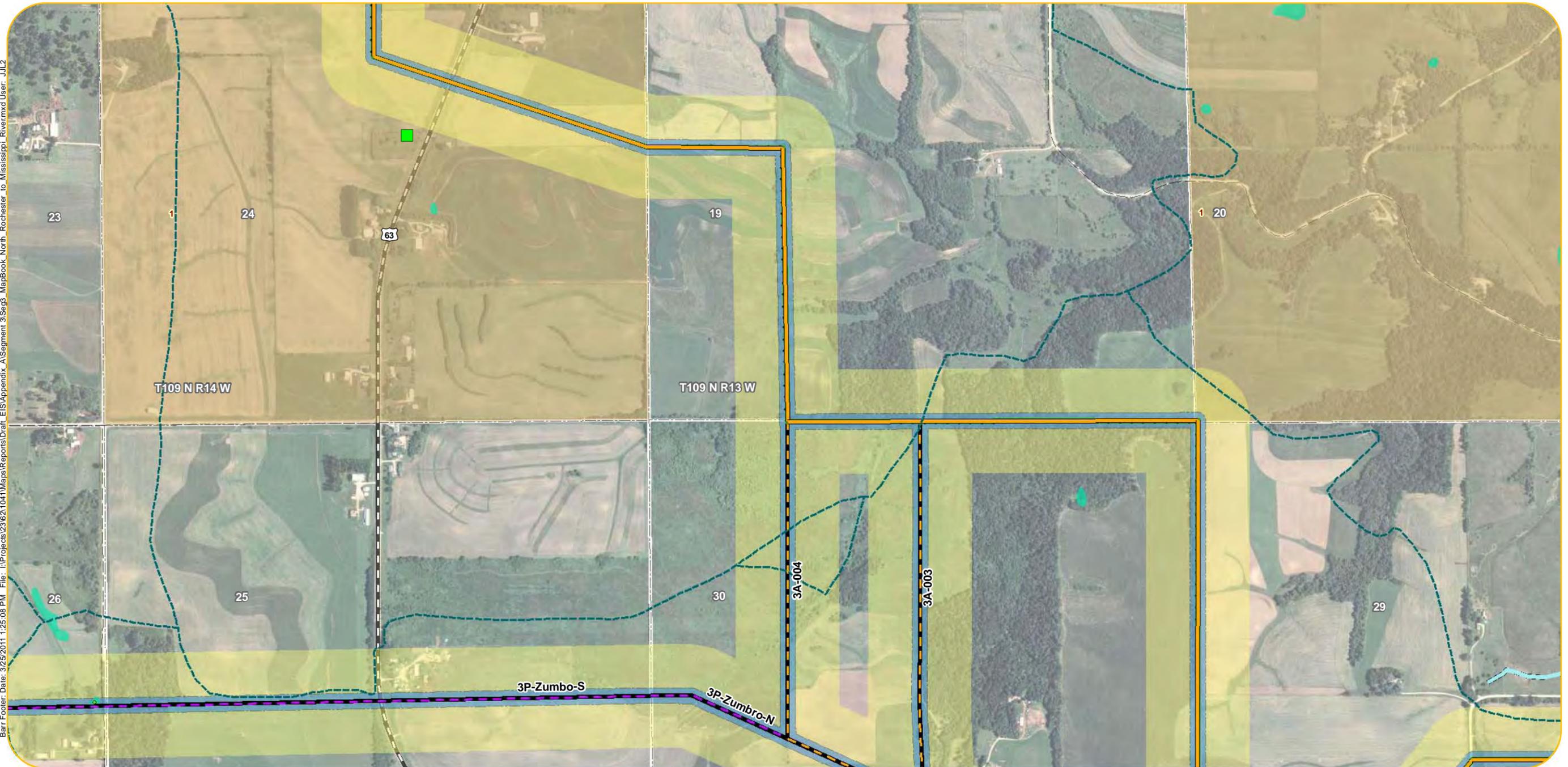
- | | | | | |
|---|---|---|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie <p>MN DNR Natural Heritage</p> <ul style="list-style-type: none"> Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area <p>MCBS Biodiversity Significance</p> <ul style="list-style-type: none"> Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|---|---|---|---|



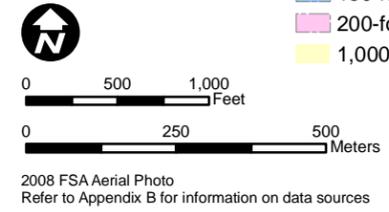
Appendix A - Sheet MR29
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



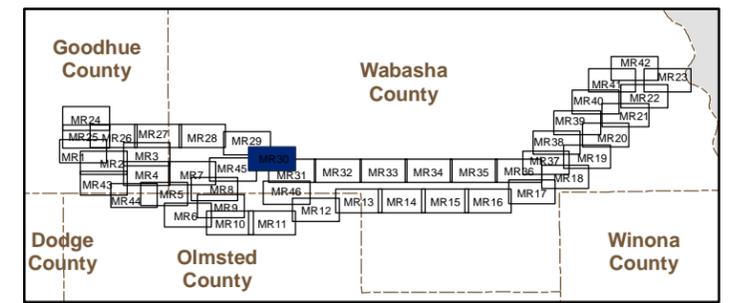
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



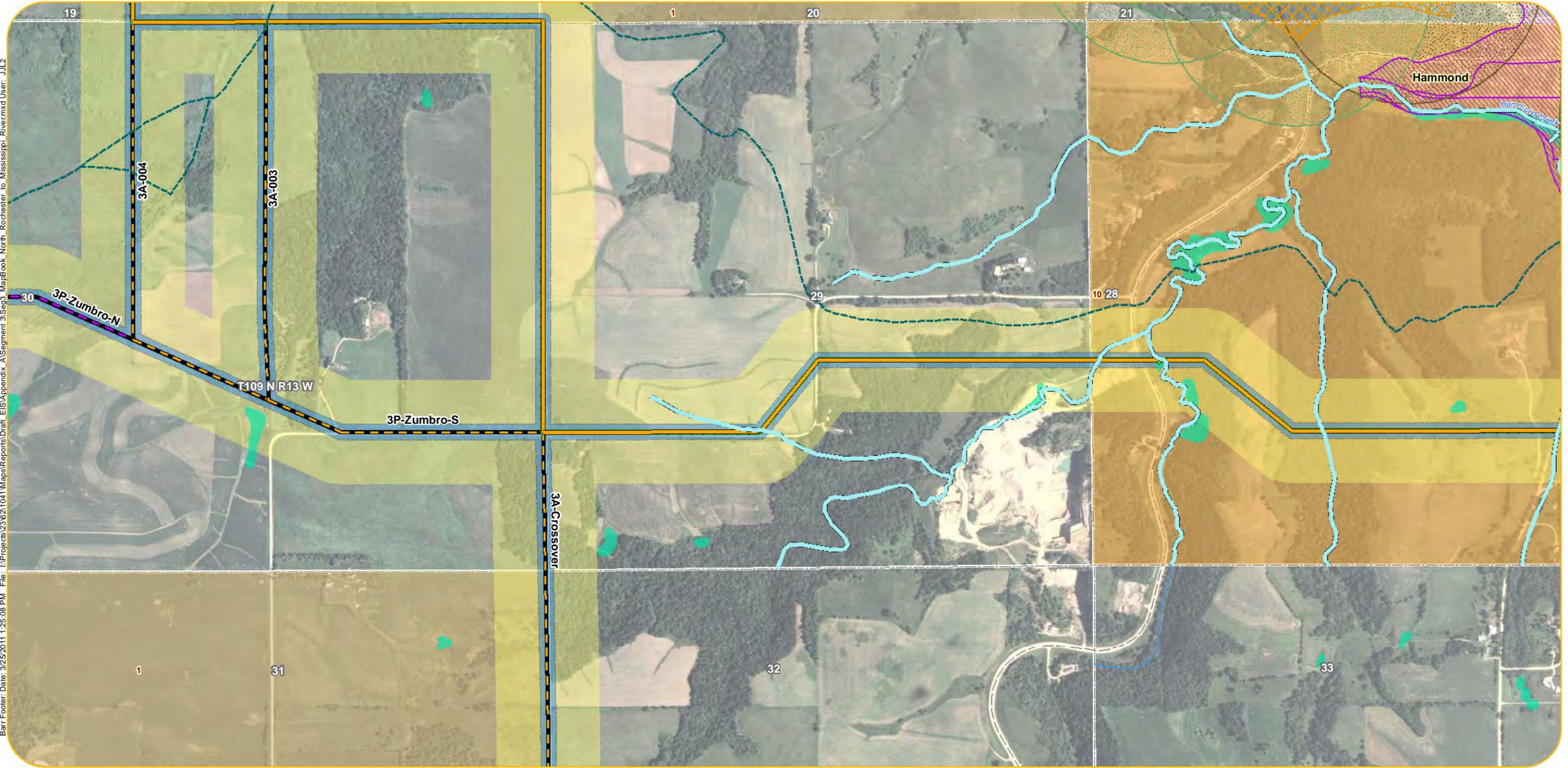
- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|



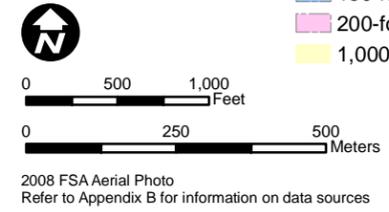
Appendix A - Sheet MR30
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



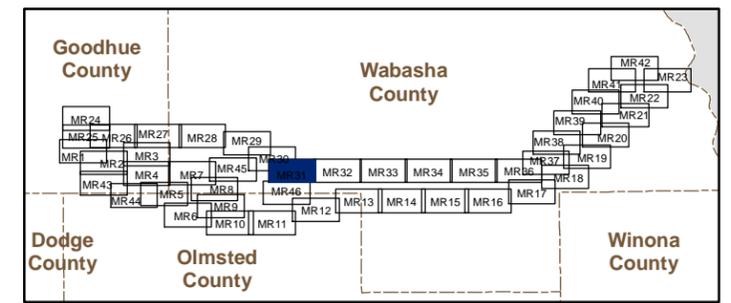
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL

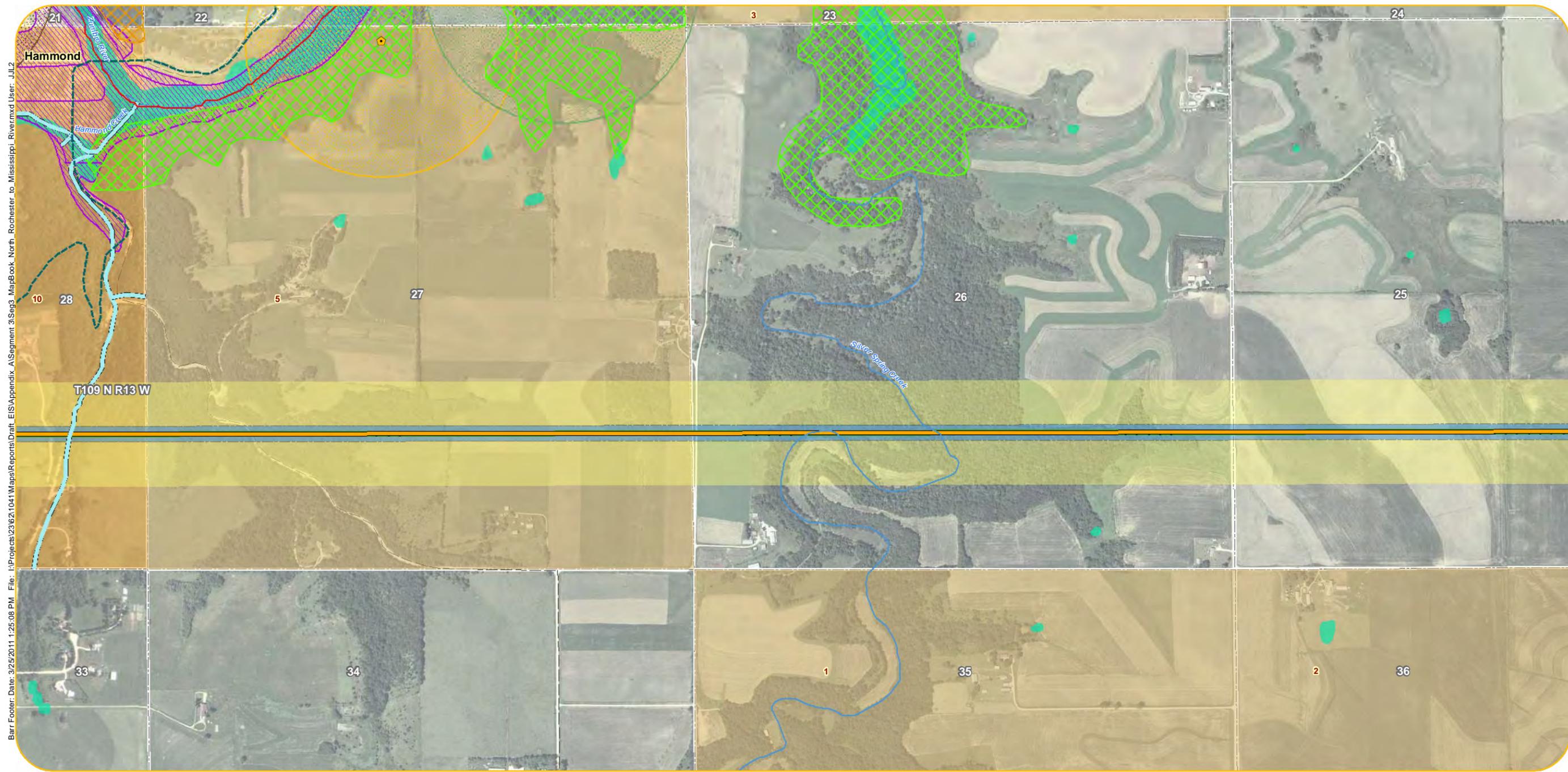


- | | | | | |
|---|---|---|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie <p>MN DNR Natural Heritage</p> <ul style="list-style-type: none"> Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance <ul style="list-style-type: none"> Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|---|---|---|---|



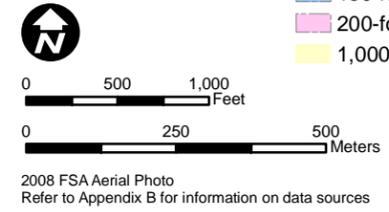
Appendix A - Sheet MR31
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



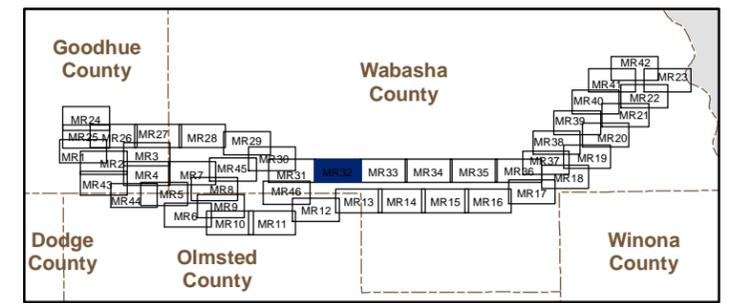


Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL2

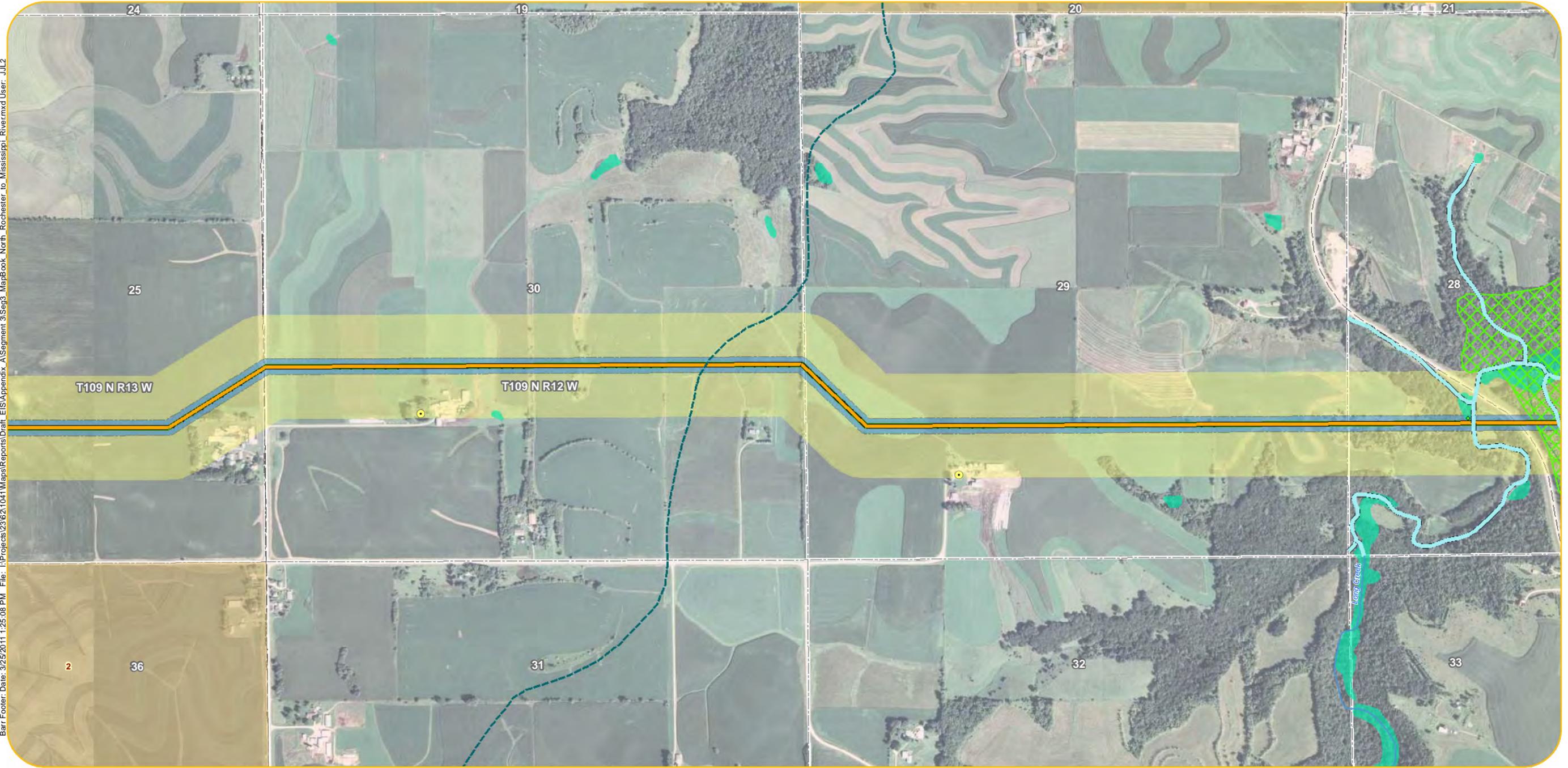
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |



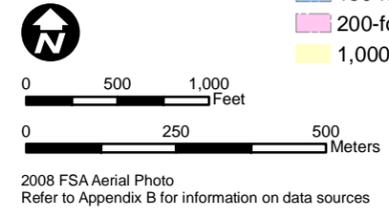
Appendix A - Sheet MR32
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



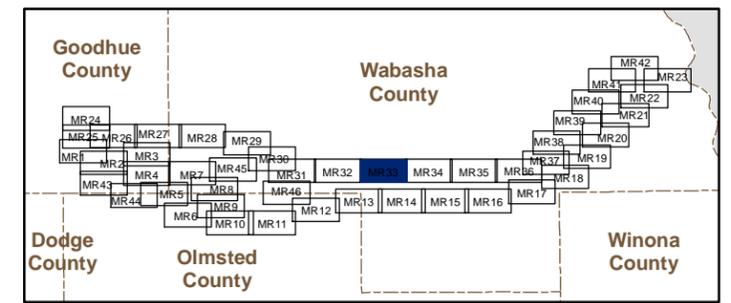
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



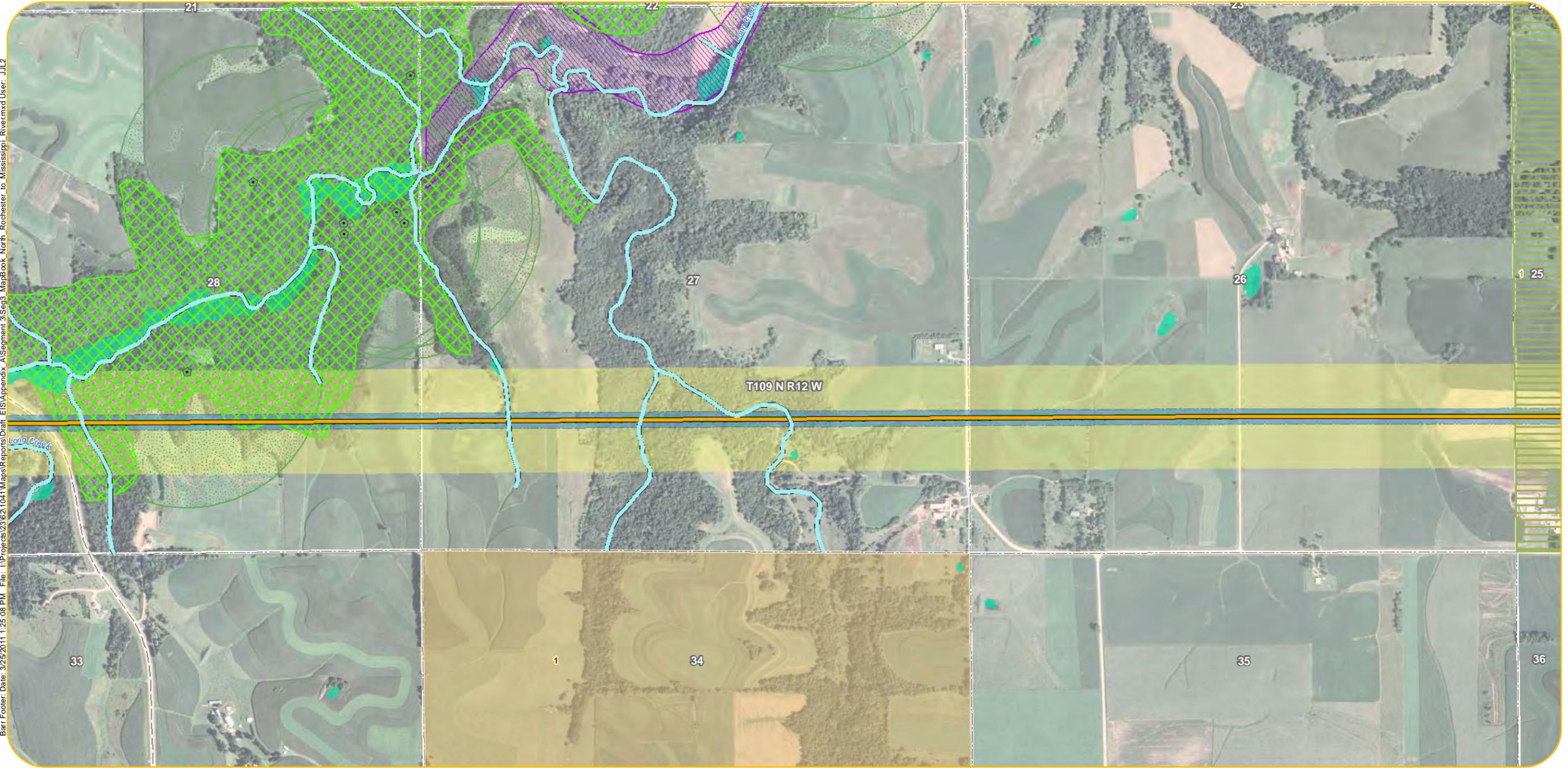
- | | | | | |
|---|---|---|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie <p>MN DNR Natural Heritage</p> <ul style="list-style-type: none"> Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance <ul style="list-style-type: none"> Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|---|---|---|---|



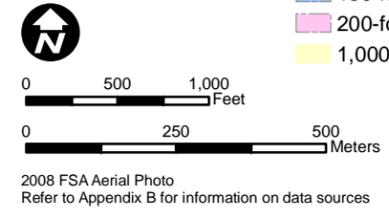
Appendix A - Sheet MR33
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL

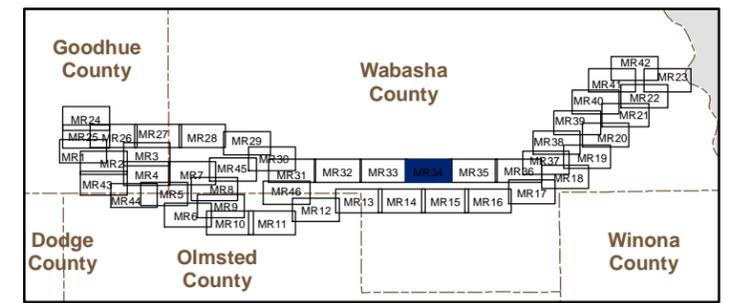


- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|



2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

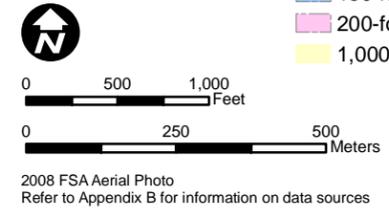
Appendix A - Sheet MR34
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



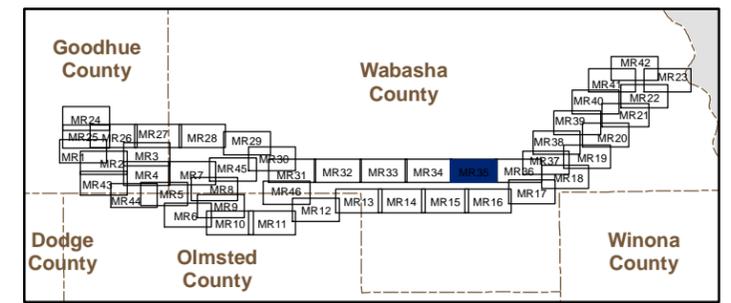
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



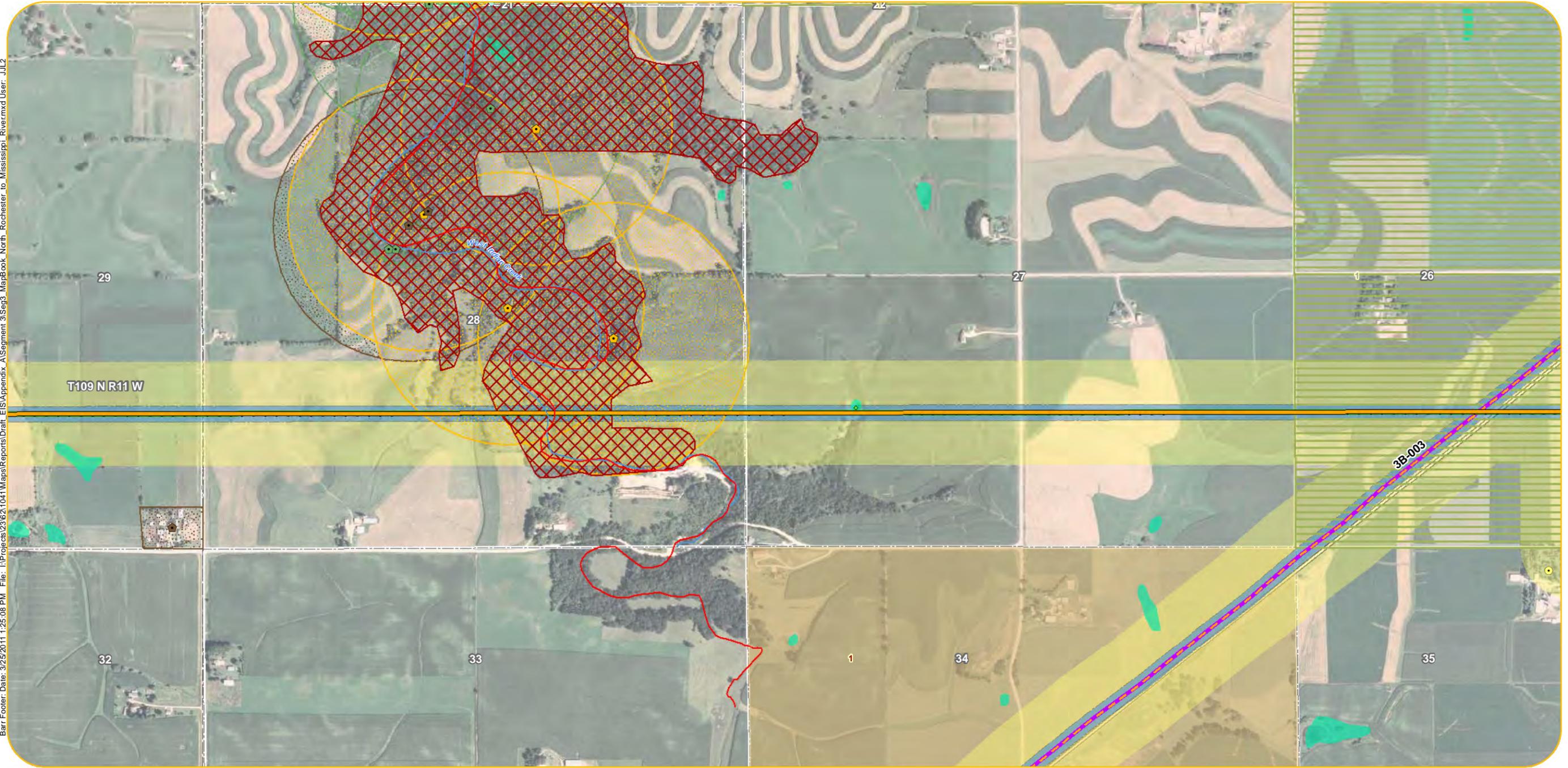
- | | | | | |
|---|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|--|--|---|---|



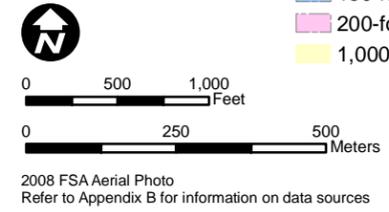
Appendix A - Sheet MR35
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL

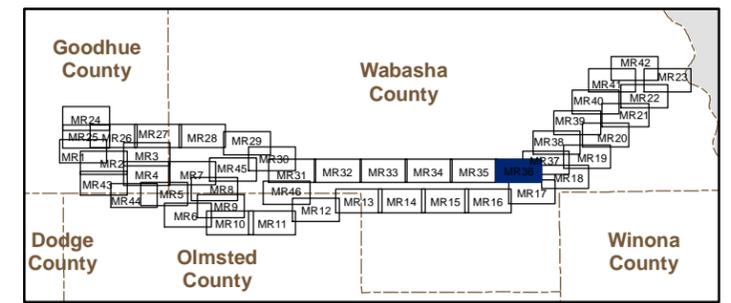


- | | | | | |
|--|--|--|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route Additional Alternative Routes Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|--|--|--|---|---|

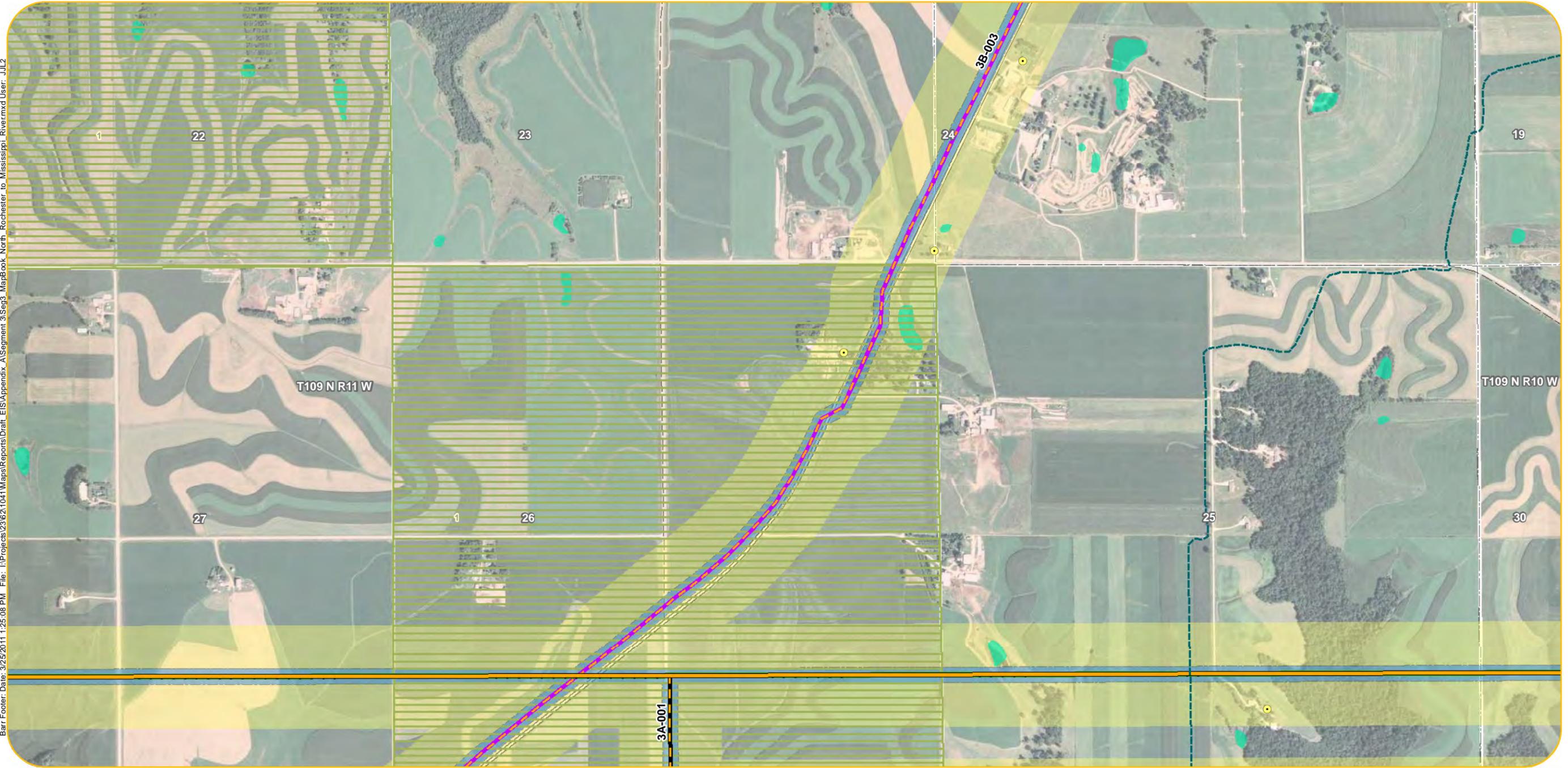


2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

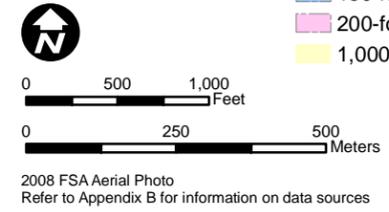
Appendix A - Sheet MR36
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



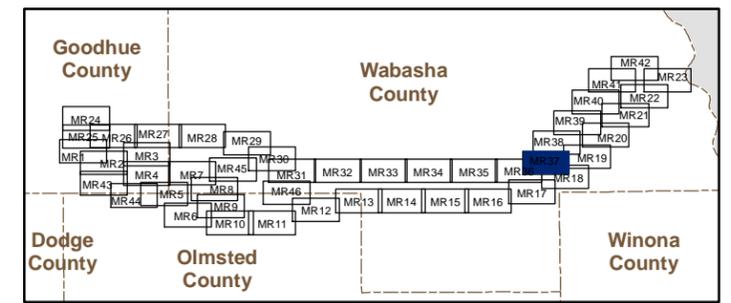
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



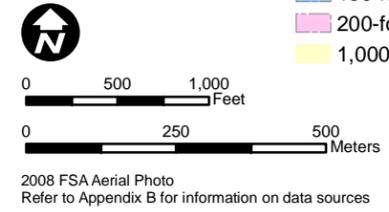
- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | Fisheries Research Station | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Fish Hatchery | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | National Wildlife Refuge | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | Waterfowl Production Area | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | MCBS Biodiversity Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | Moderate Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | High Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Outstanding Significance | Wetland Crossings > 1,000 Feet | |
| | | Wildlife Management Area | | |
| | | Scientific and Natural Area | | |



Appendix A - Sheet MR37
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



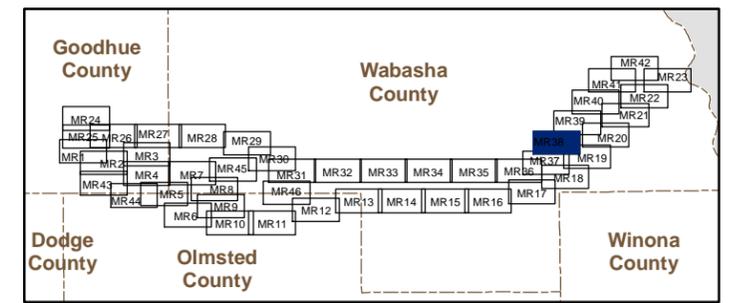
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | National Fish Hatchery | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Wildlife Refuge | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | Waterfowl Production Area | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | MCBS Biodiversity Significance | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | Moderate Significance | Public Water Inventory Basins (includes lakes and wetlands) | 4 1 - 5 |
| | Botanical | High Significance | Public Water Inventory Watercourse | 28 6 - 20 |
| | Ecological | Outstanding Significance | NWI Wetlands | 58 21 - 164 |
| | Zoological | Wildlife Management Area | Wetland Crossings > 1,000 Feet | |
| | | Scientific and Natural Area | | |

Appendix A - Sheet MR38
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



Original Alignments

- P Route
- A Route

Additional Alternative Routes

- Variation on P Route
- Variation on A Route
- Variation on Both
- Parallel Alignment
- 150-foot ROW
- 200-foot ROW
- 1,000-foot Route Width

Project Substations

- Residences within 75 Feet of Alternatives
- Residences within 500 Feet of Alternatives

Churches

- Cemeteries
- Schools
- Nursing Homes
- Hospitals
- Pinch Points
- Airport

State Designated Railroad Prairie

MN DNR Natural Heritage

- Botanical
- Ecological
- Zoological

Botanical

- Ecological
- Zoological

Snowmobile Trail

- State Existing Trail
- Scenic Byway
- Fish Technology Center
- National Fish Hatchery
- National Wildlife Refuge
- Waterfowl Production Area
- MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance
- Wildlife Management Area
- Scientific and Natural Area

State Park

- State Forest
- Tribal Lands
- Trout Streams
- Q3 FEMA Floodplain
- Recreational
- Scenic
- Wild
- Designated Wildlife Lakes
- Impaired Lakes
- Impaired Streams
- Public Water Inventory Basins (includes lakes and wetlands)
- Public Water Inventory Watercourse
- NWI Wetlands
- Wetland Crossings > 1,000 Feet

Wetland Area (acres) within 150-foot ROW

- 0.0 - 0.5
- 0.6 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 6.1

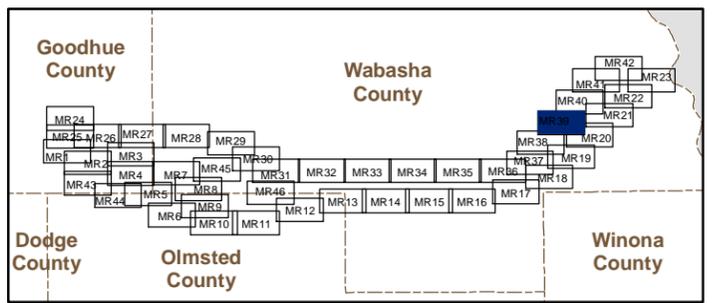
Archaeological Sites

- 1 - 2
- 3 - 4
- 5 - 6

Historical Sites

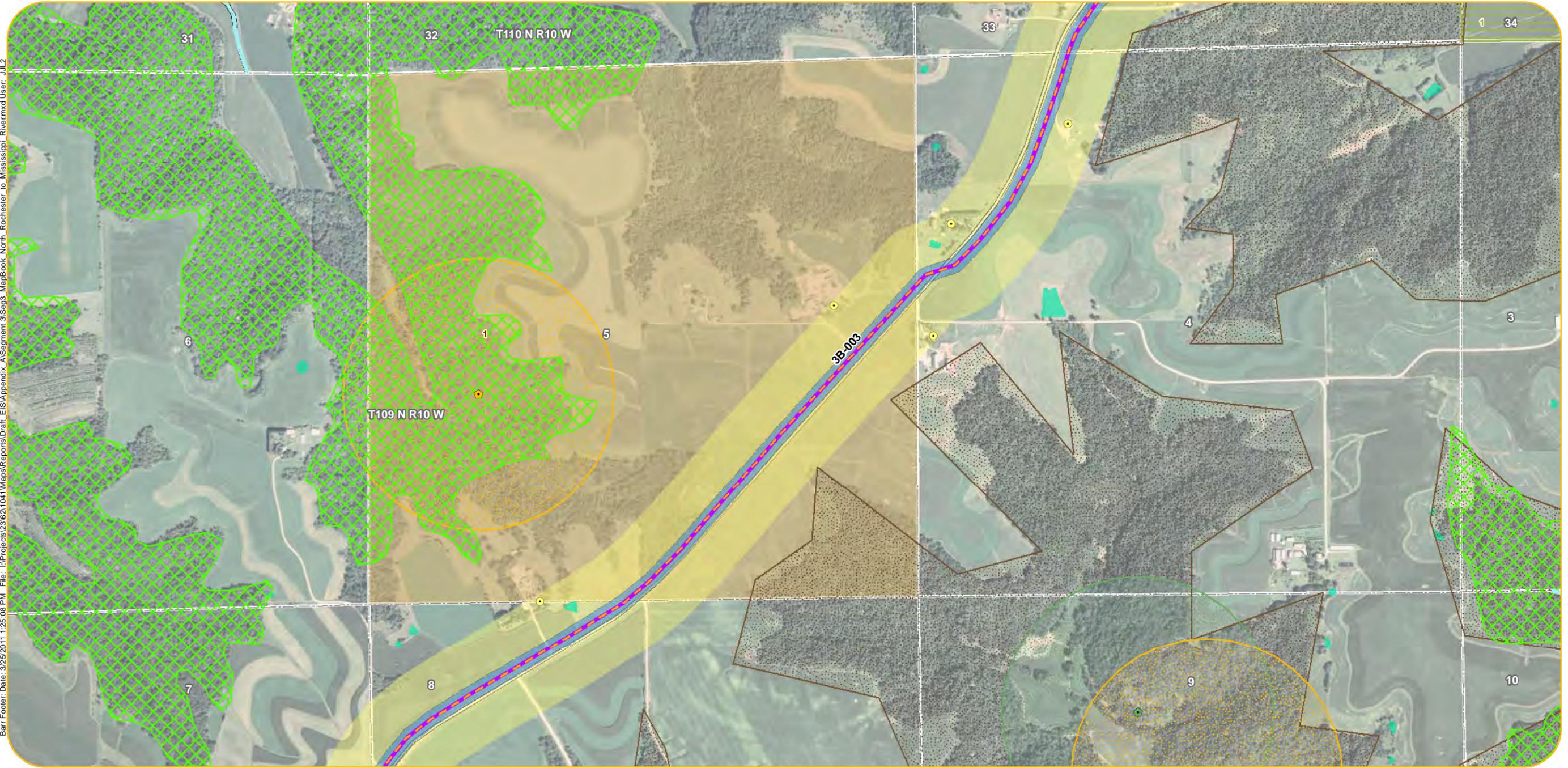
- 1 - 5
- 6 - 20
- 21 - 164

Appendix A - Sheet MR39
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft EIS\Appendix A\Segment 3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL2



Original Alignments

- P Route
- A Route

Additional Alternative Routes

- Variation on P Route
- Variation on A Route
- Variation on Both
- Parallel Alignment
- 150-foot ROW
- 200-foot ROW
- 1,000-foot Route Width

Project Substations

- Residences within 75 Feet of Alternatives
- Residences within 500 Feet of Alternatives

Churches

- Cemeteries
- Schools
- Nursing Homes
- Hospitals
- Pinch Points
- Airport

State Designated Railroad Prairie

MN DNR Natural Heritage

- Botanical
- Ecological
- Zoological

Botanical

- Ecological
- Zoological

Snowmobile Trail

- State Existing Trail
- Scenic Byway
- Fish Technology Center
- National Fish Hatchery
- National Wildlife Refuge
- Waterfowl Production Area
- MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance
- Wildlife Management Area
- Scientific and Natural Area

State Park

- State Forest
- Tribal Lands
- Trout Streams
- Q3 FEMA Floodplain
- Recreational
- Scenic
- Wild
- Designated Wildlife Lakes
- Impaired Lakes
- Impaired Streams
- Public Water Inventory Basins (includes lakes and wetlands)
- Public Water Inventory Watercourse
- NWI Wetlands
- Wetland Crossings > 1,000 Feet

Wetland Area (acres) within 150-foot ROW

- 0.0 - 0.5
- 0.6 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 6.1

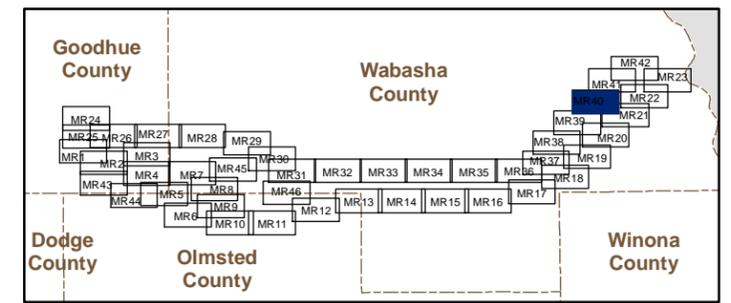
Archaeological Sites

- 1 - 2
- 3 - 4
- 5 - 6

Historical Sites

- 1 - 5
- 6 - 20
- 21 - 164

Appendix A - Sheet MR40
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft EIS\Appendix A\Segment 3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



Original Alignments

- P Route
- A Route

Additional Alternative Routes

- Variation on P Route
- Variation on A Route
- Variation on Both
- Parallel Alignment
- 150-foot ROW
- 200-foot ROW
- 1,000-foot Route Width

Project Substations

- Residences within 75 Feet of Alternatives
- Residences within 500 Feet of Alternatives

Churches

- Cemeteries
- Schools
- Nursing Homes
- Hospitals
- Pinch Points
- Airport
- State Designated Railroad Prairie

MN DNR Natural Heritage

- Botanical
- Ecological
- Zoological

Botanical

- Ecological
- Zoological

Snowmobile Trail

- State Existing Trail
- Scenic Byway
- Fish Technology Center
- National Fish Hatchery
- National Wildlife Refuge
- Waterfowl Production Area
- MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance
- Wildlife Management Area
- Scientific and Natural Area

State Park

- State Forest
- Tribal Lands
- Trout Streams
- Q3 FEMA Floodplain
- Recreational
- Scenic
- Wild
- Designated Wildlife Lakes
- Impaired Lakes
- Impaired Streams
- Public Water Inventory Basins (includes lakes and wetlands)
- Public Water Inventory Watercourse
- NWI Wetlands
- Wetland Crossings > 1,000 Feet

Wetland Area (acres) within 150-foot ROW

- 0.0 - 0.5
- 0.6 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 6.1

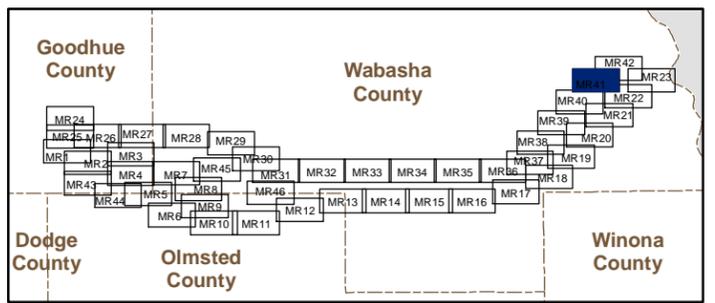
Archaeological Sites

- 1 - 2
- 3 - 4
- 5 - 6

Historical Sites

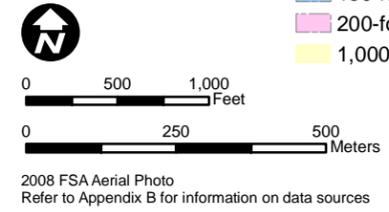
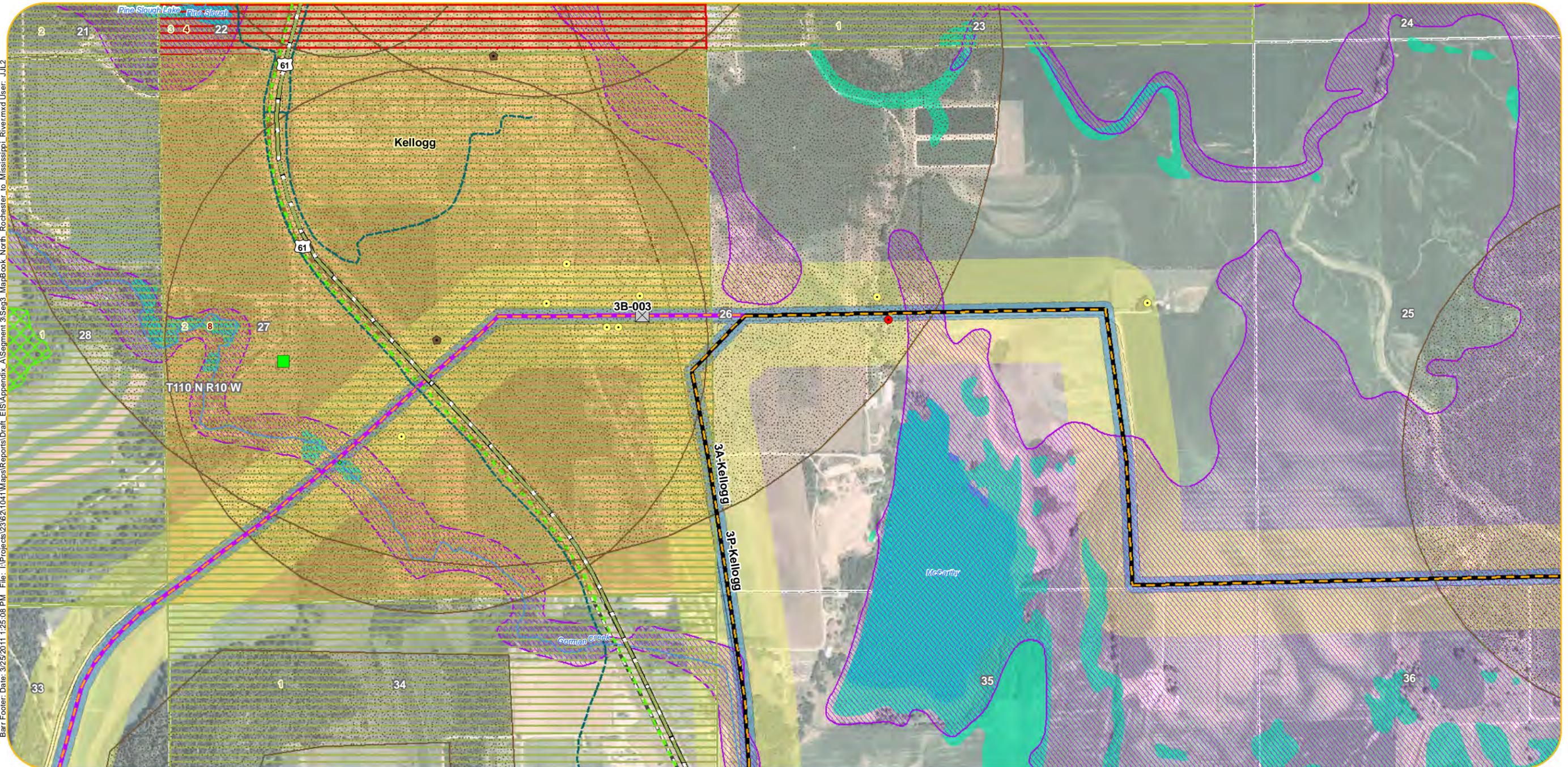
- 1 - 5
- 6 - 20
- 21 - 164

Appendix A - Sheet MR41
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

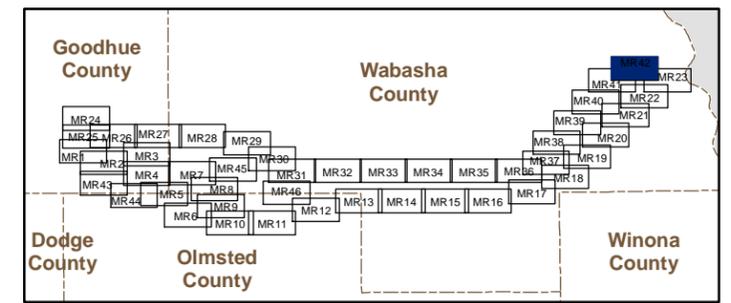
Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL



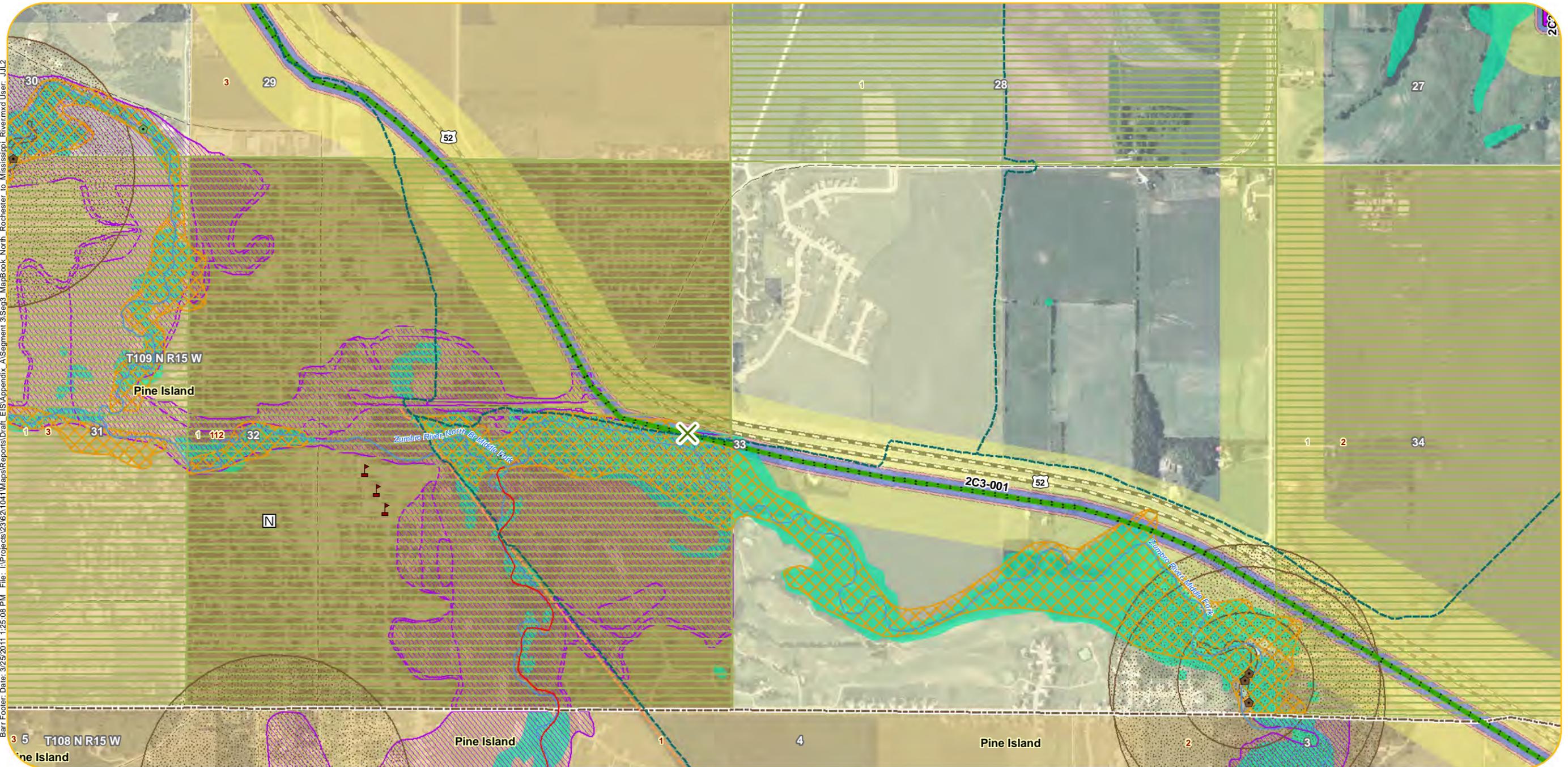
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | Fisheries Research Station | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Fish Hatchery | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | National Wildlife Refuge | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | Waterfowl Production Area | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | MCBS Biodiversity Significance | Public Water Inventory Basins (includes lakes and wetlands) | 1 - 5 |
| | Botanical | Moderate Significance | Public Water Inventory Watercourse | 6 - 20 |
| | Ecological | High Significance | NWI Wetlands | 21 - 164 |
| | Zoological | Outstanding Significance | Wetland Crossings > 1,000 Feet | |
| | | Wildlife Management Area | | |
| | | Scientific and Natural Area | | |

Appendix A - Sheet MR42
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL2



3 5 T108 N R15 W
Pine Island

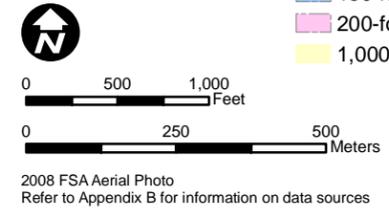
- Original Alignments
- P Route
- A Route
- Additional Alternative Routes
- Variation on P Route
- Variation on A Route
- Variation on Both
- Parallel Alignment
- 150-foot ROW
- 200-foot ROW
- 1,000-foot Route Width

- Project Substations
- Residences within 75 Feet of Alternatives
- Residences within 500 Feet of Alternatives
- Churches
- Cemeteries
- Schools
- Nursing Homes
- Hospitals
- Pinch Points
- Airport
- State Designated Railroad Prairie
- MN DNR Natural Heritage
- Botanical
- Ecological
- Zoological

- Botanical
- Ecological
- Zoological
- Snowmobile Trail
- State Existing Trail
- Scenic Byway
- Fish Technology Center
- National Fish Hatchery
- National Wildlife Refuge
- Waterfowl Production Area
- MCBS Biodiversity Significance
- Moderate Significance
- High Significance
- Outstanding Significance
- Wildlife Management Area
- Scientific and Natural Area

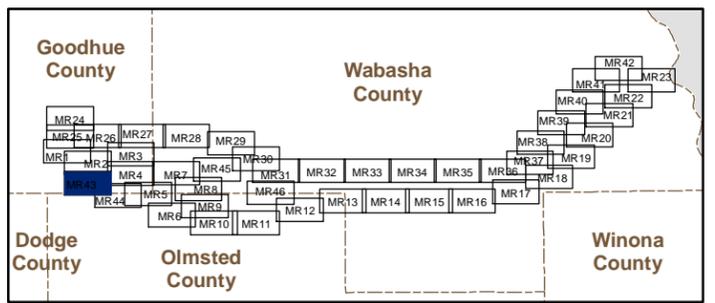
- State Park
- State Forest
- Tribal Lands
- Trout Streams
- Q3 FEMA Floodplain
- Recreational
- Scenic
- Wild
- Designated Wildlife Lakes
- Impaired Lakes
- Impaired Streams
- Public Water Inventory Basins (includes lakes and wetlands)
- Public Water Inventory Watercourse
- NWI Wetlands
- Wetland Crossings > 1,000 Feet

- Wetland Area (acres) within 150-foot ROW
- 0.0 - 0.5
- 0.6 - 1.0
- 1.1 - 2.0
- 2.1 - 3.0
- 3.1 - 6.1
- Archaeological Sites
- 1 - 2
- 3 - 4
- 5 - 6
- Historical Sites
- 1 - 5
- 6 - 20
- 21 - 164

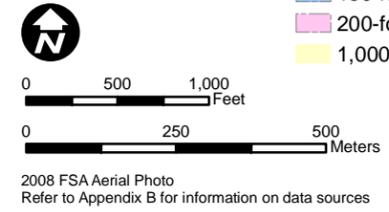
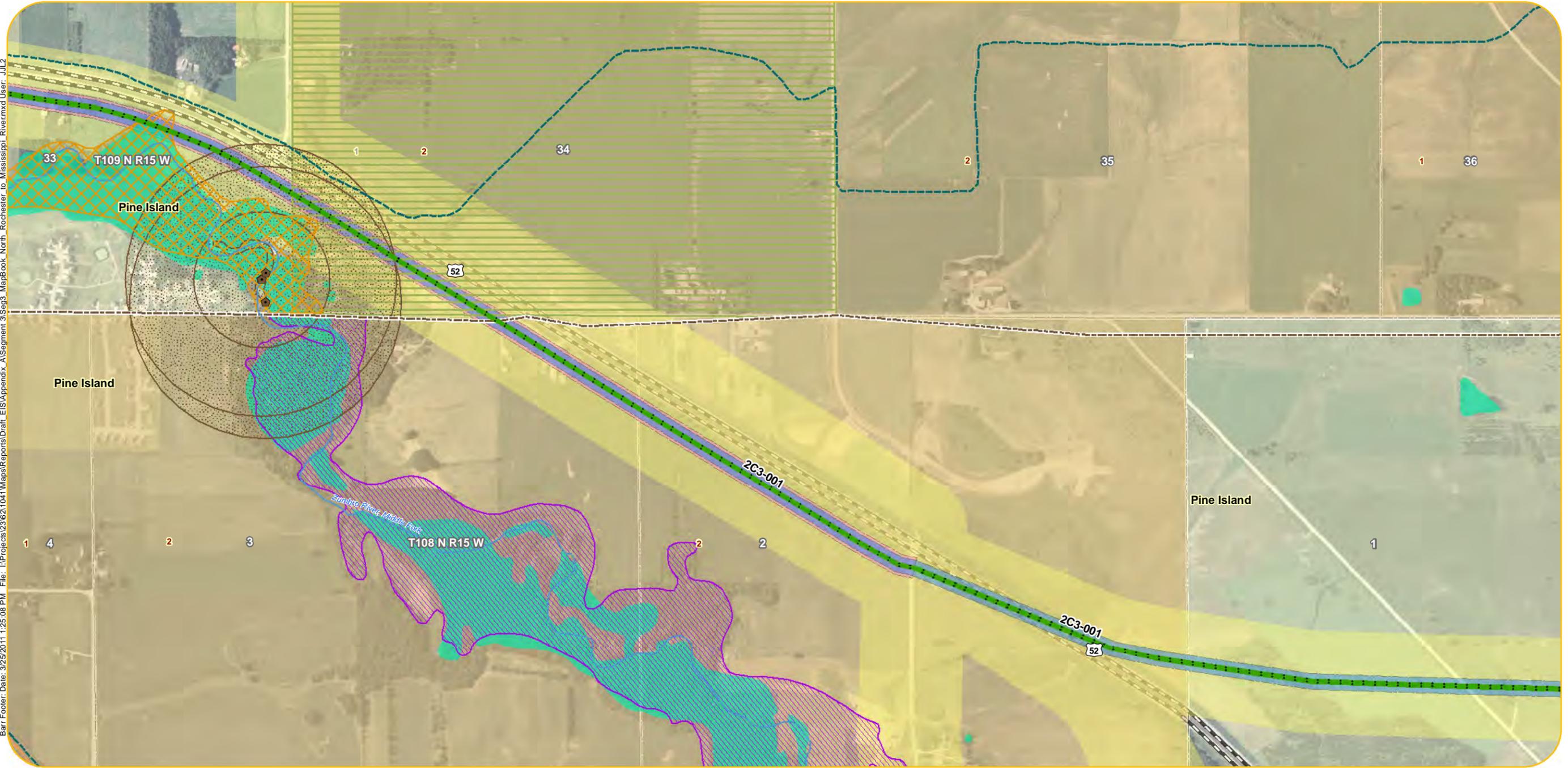


2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

Appendix A - Sheet MR43
Detail Map
Segment 3,
North Rochester Substation to Mississippi River

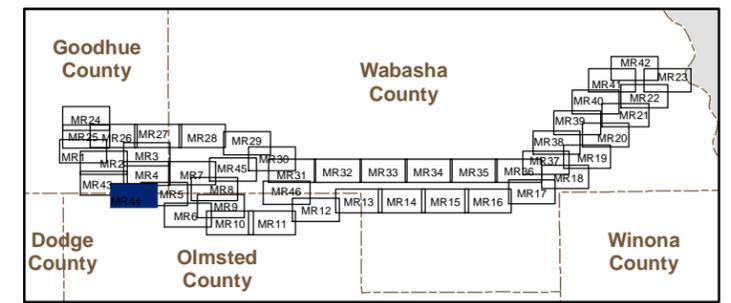


Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL2

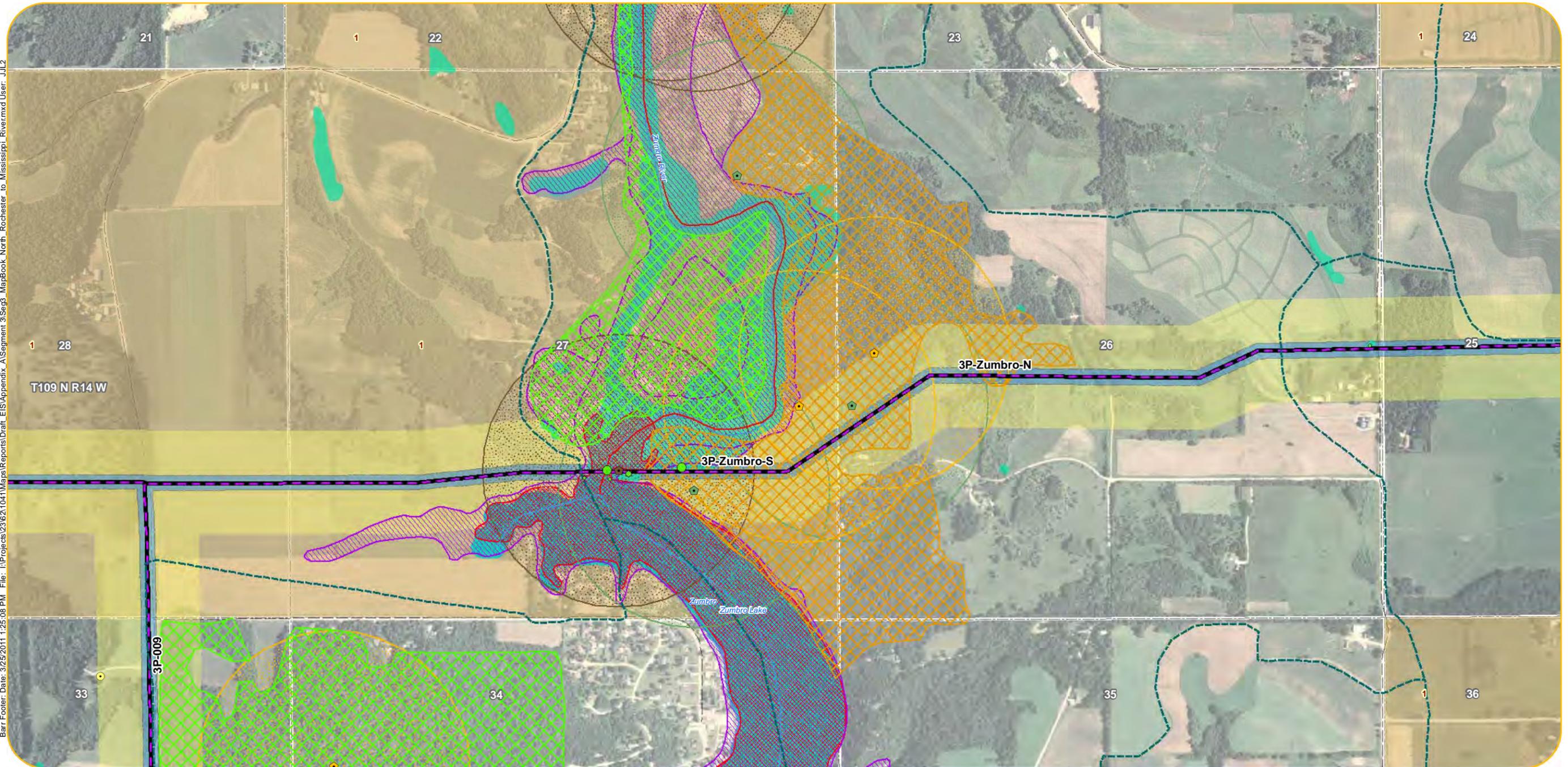


- | | | | | |
|-------------------------------|--|--------------------------------|---|--|
| Original Alignments | Project Substations | Botanical | State Park | Wetland Area (acres) within 150-foot ROW |
| P Route | Residences within 75 Feet of Alternatives | Ecological | State Forest | 0.0 - 0.5 |
| A Route | Residences within 500 Feet of Alternatives | Zoological | Tribal Lands | 0.6 - 1.0 |
| Additional Alternative Routes | Churches | Snowmobile Trail | Trout Streams | 1.1 - 2.0 |
| Variation on P Route | Cemeteries | State Existing Trail | Q3 FEMA Floodplain | 2.1 - 3.0 |
| Variation on A Route | Schools | Scenic Byway | Recreational | 3.1 - 6.1 |
| Variation on Both | Nursing Homes | Fish Technology Center | Scenic | Archaeological Sites |
| Parallel Alignment | Hospitals | Fisheries Research Station | Wild | 1 - 2 |
| 150-foot ROW | Pinch Points | National Fish Hatchery | Designated Wildlife Lakes | 3 - 4 |
| 200-foot ROW | Airport | National Wildlife Refuge | Impaired Lakes | 5 - 6 |
| 1,000-foot Route Width | State Designated Railroad Prairie | Waterfowl Production Area | Impaired Streams | Historical Sites |
| | MN DNR Natural Heritage | MCBS Biodiversity Significance | Public Water Inventory Basins (includes lakes and wetlands) | 4 1 - 5 |
| | Botanical | Moderate Significance | Public Water Inventory Watercourse | 28 6 - 20 |
| | Ecological | High Significance | NWI Wetlands | 58 21 - 164 |
| | Zoological | Outstanding Significance | Wetland Crossings > 1,000 Feet | |
| | | Wildlife Management Area | | |
| | | Scientific and Natural Area | | |

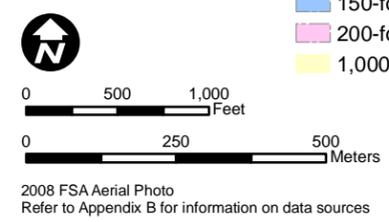
Appendix A - Sheet MR44
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft_EIS\Appendix_A\Segment_3\Seg3_MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL

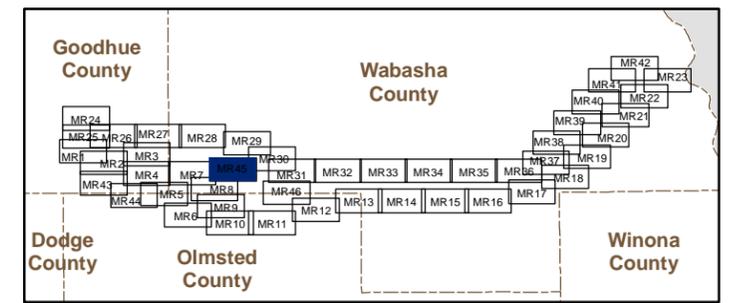


- | | | | | |
|---|---|---|---|---|
| <p>Original Alignments</p> <ul style="list-style-type: none"> P Route A Route <p>Additional Alternative Routes</p> <ul style="list-style-type: none"> Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie <p>MN DNR Natural Heritage</p> <ul style="list-style-type: none"> Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center Fisheries Research Station National Fish Hatchery National Wildlife Refuge Waterfowl Production Area <p>MCBS Biodiversity Significance</p> <ul style="list-style-type: none"> Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <p>Wetland Area (acres) within 150-foot ROW</p> <ul style="list-style-type: none"> 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 <p>Archaeological Sites</p> <ul style="list-style-type: none"> 1 - 2 3 - 4 5 - 6 <p>Historical Sites</p> <ul style="list-style-type: none"> 1 - 5 6 - 20 21 - 164 |
|---|---|---|---|---|

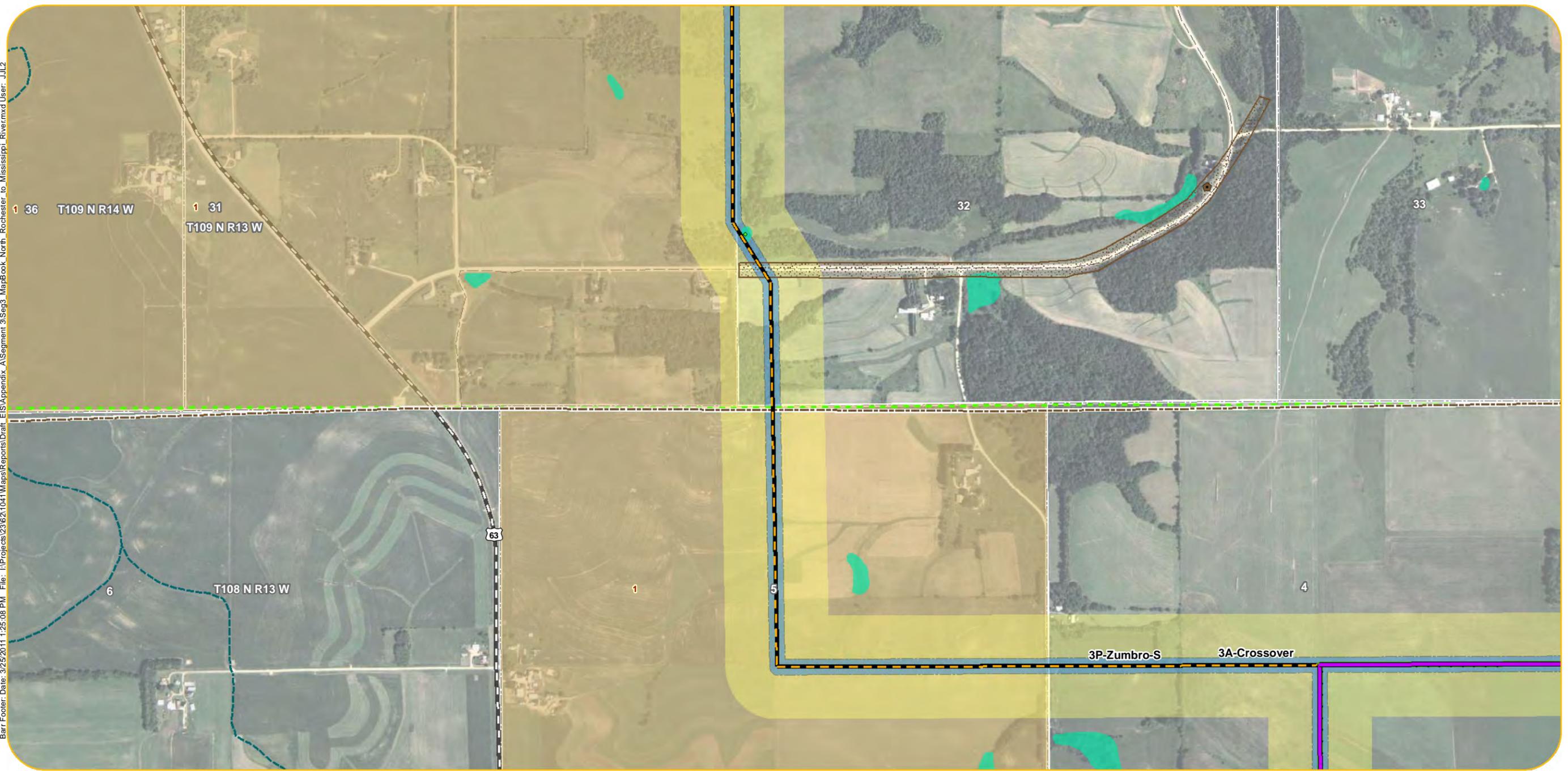


2008 FSA Aerial Photo
Refer to Appendix B for information on data sources

Appendix A - Sheet MR45
Detail Map
Segment 3,
North Rochester Substation to Mississippi River

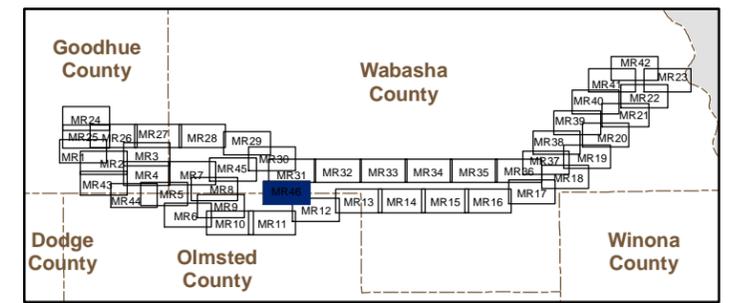


Barr Footer: Date: 3/25/2011 1:25:08 PM File: I:\Projects\23621041\Maps\Reports\Draft\ EIS\Appendix_A\Segment_3\MapBook_North_Rochester_to_Mississippi_River.mxd User: JLL2



- | | | | | |
|---|---|---|--|---|
| <ul style="list-style-type: none"> Original Alignments P Route A Route Additional Alternative Routes Variation on P Route Variation on A Route Variation on Both Parallel Alignment 150-foot ROW 200-foot ROW 1,000-foot Route Width | <ul style="list-style-type: none"> Project Substations Residences within 75 Feet of Alternatives Residences within 500 Feet of Alternatives Churches Cemeteries Schools Nursing Homes Hospitals Pinch Points Airport State Designated Railroad Prairie MN DNR Natural Heritage Botanical Ecological Zoological | <ul style="list-style-type: none"> Botanical Ecological Zoological Snowmobile Trail State Existing Trail Scenic Byway Fish Technology Center National Fish Hatchery National Wildlife Refuge Waterfowl Production Area MCBS Biodiversity Significance Moderate Significance High Significance Outstanding Significance Wildlife Management Area Scientific and Natural Area | <ul style="list-style-type: none"> State Park State Forest Tribal Lands Trout Streams Q3 FEMA Floodplain Recreational Scenic Wild Designated Wildlife Lakes Impaired Lakes Impaired Streams Public Water Inventory Basins (includes lakes and wetlands) Public Water Inventory Watercourse NWI Wetlands Wetland Crossings > 1,000 Feet | <ul style="list-style-type: none"> Wetland Area (acres) within 150-foot ROW 0.0 - 0.5 0.6 - 1.0 1.1 - 2.0 2.1 - 3.0 3.1 - 6.1 Archaeological Sites 1 - 2 3 - 4 5 - 6 Historical Sites 1 - 5 6 - 20 21 - 164 |
|---|---|---|--|---|

Appendix A - Sheet MR46
Detail Map
Segment 3,
North Rochester Substation to Mississippi River



0 500 1,000 Feet
0 250 500 Meters
2008 FSA Aerial Photo
Refer to Appendix B for information on data sources