Great Lakes Water Supply Program

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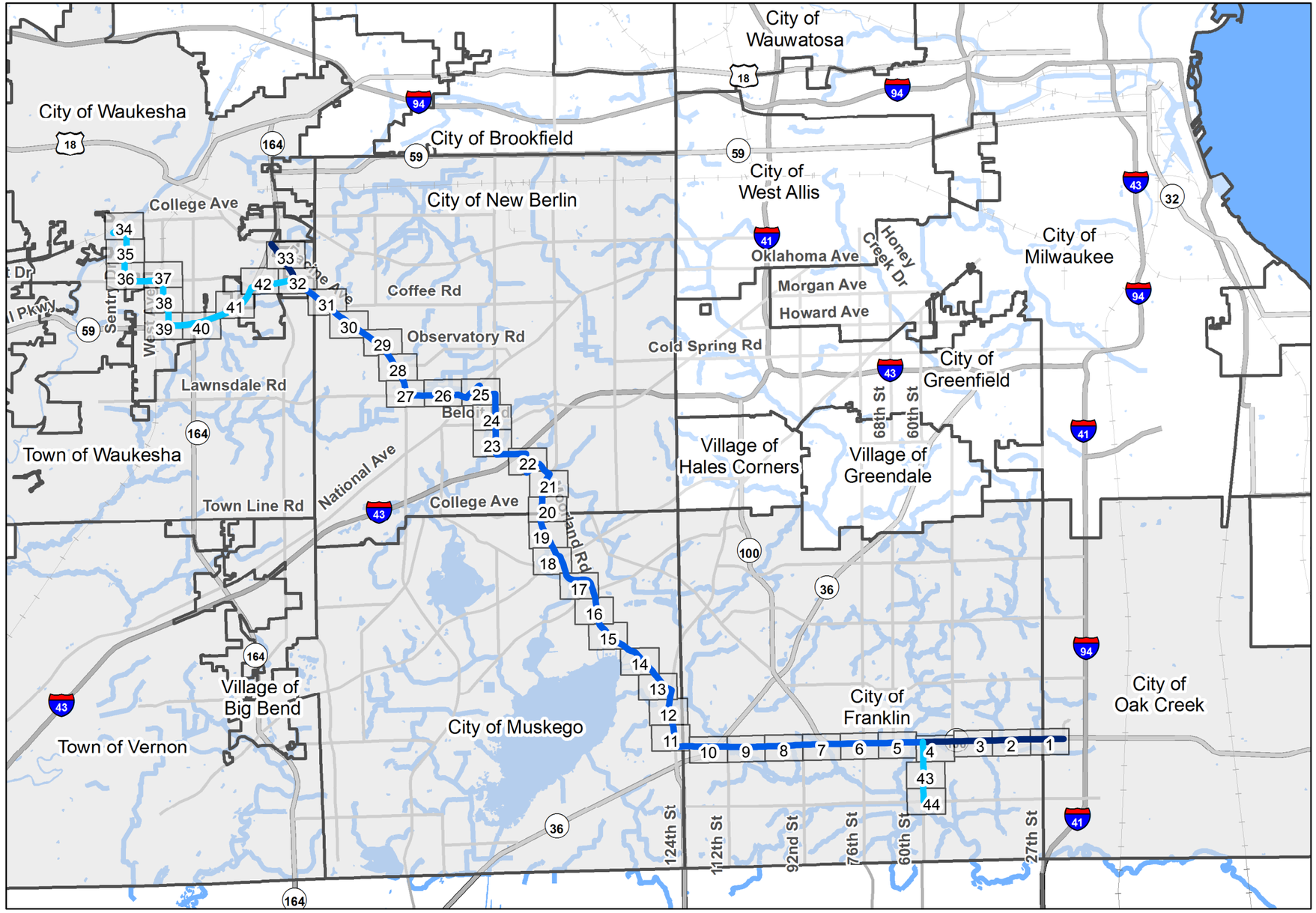
3-140 D2B Waukesha Great Lakes Water Supply Program WDNR Supplemental Environmental Impact Report – Route Alternative Panels

May 2018

Waukesha Water Utility
SERVING WAUKESHA SINCE 1886

GREELEY AND HANSEN



Legend

- Route Alternative 2, Water Supply Pipeline
- Route Alternative 2, Return Flow Pipeline
- Route Alternative 2, Common Corridor
- # Panels, see attachments
- Municipality within Oak Creek Route Study Area

Significant Features

- Interstates
- State Highways
- Local Roads
- Railroads
- Surface Waters

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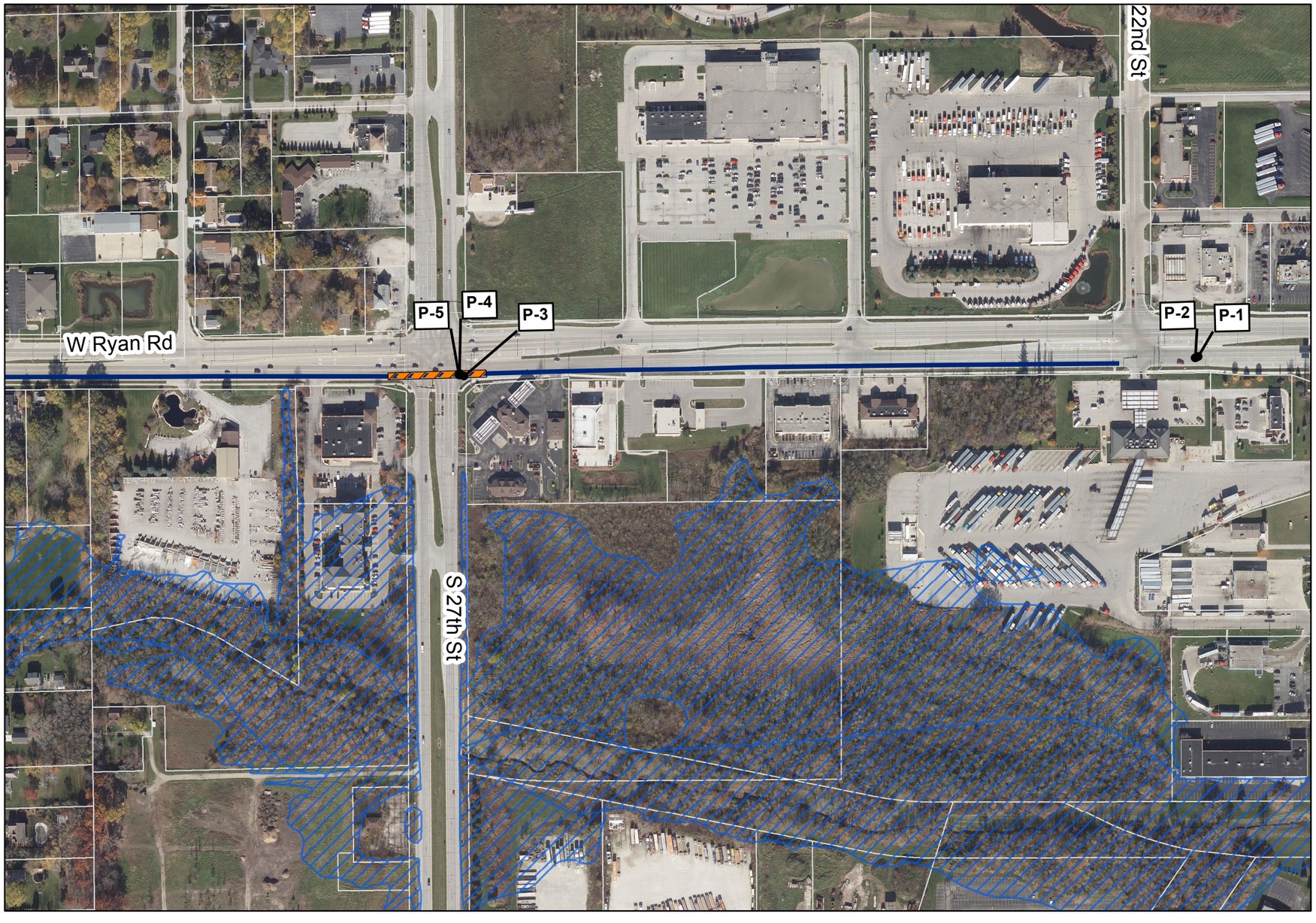
741 N. Grand Avenue, Suite 308
Waukesha, Wisconsin 53186

Waukesha, Wisconsin
Great Lakes Water Supply Program
Route Alternative 2
Panel Map
Date: 5/18/2018

Plotted: 5/18/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Key Map_Updated_05172018_EIR.mxd



Legend

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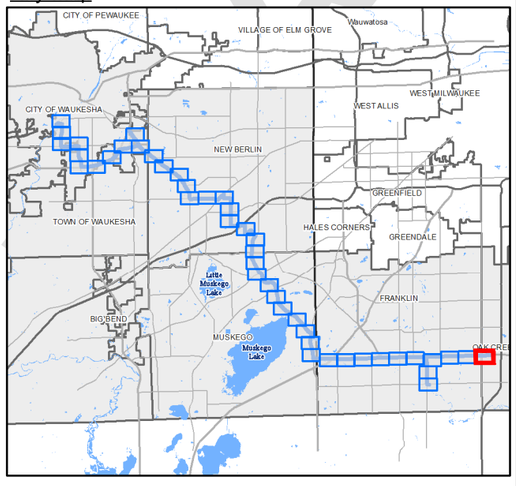
N

Key Map



1" = 300'

0 150 300 600 feet

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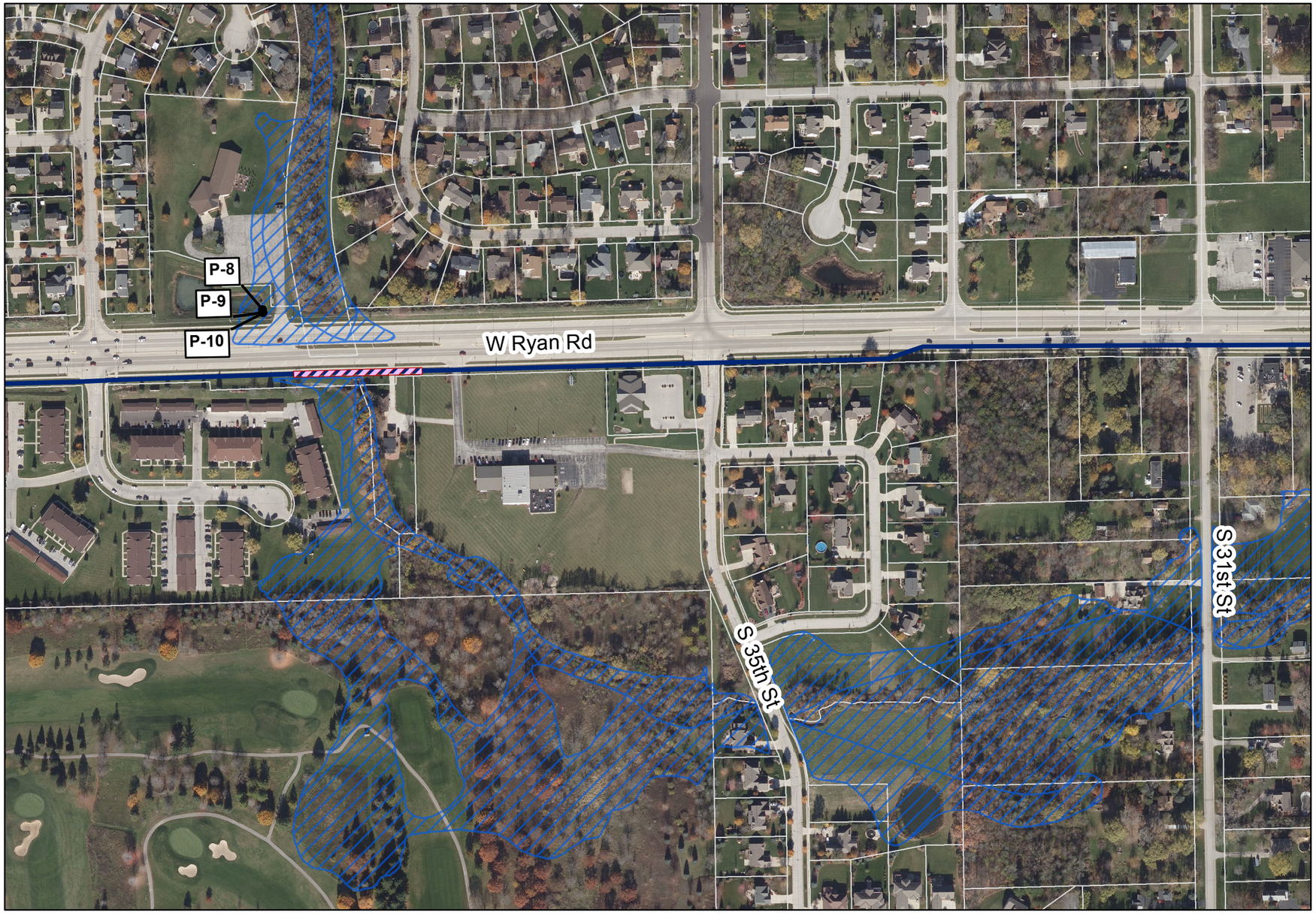
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 1 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



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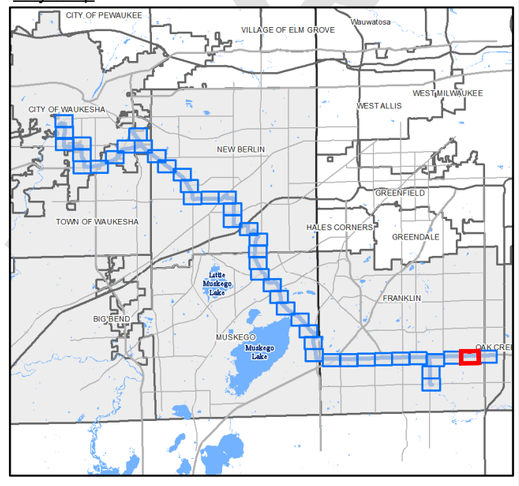

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 2 of 44

Date: 5/29/2018

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Plotted: 5/29/2018
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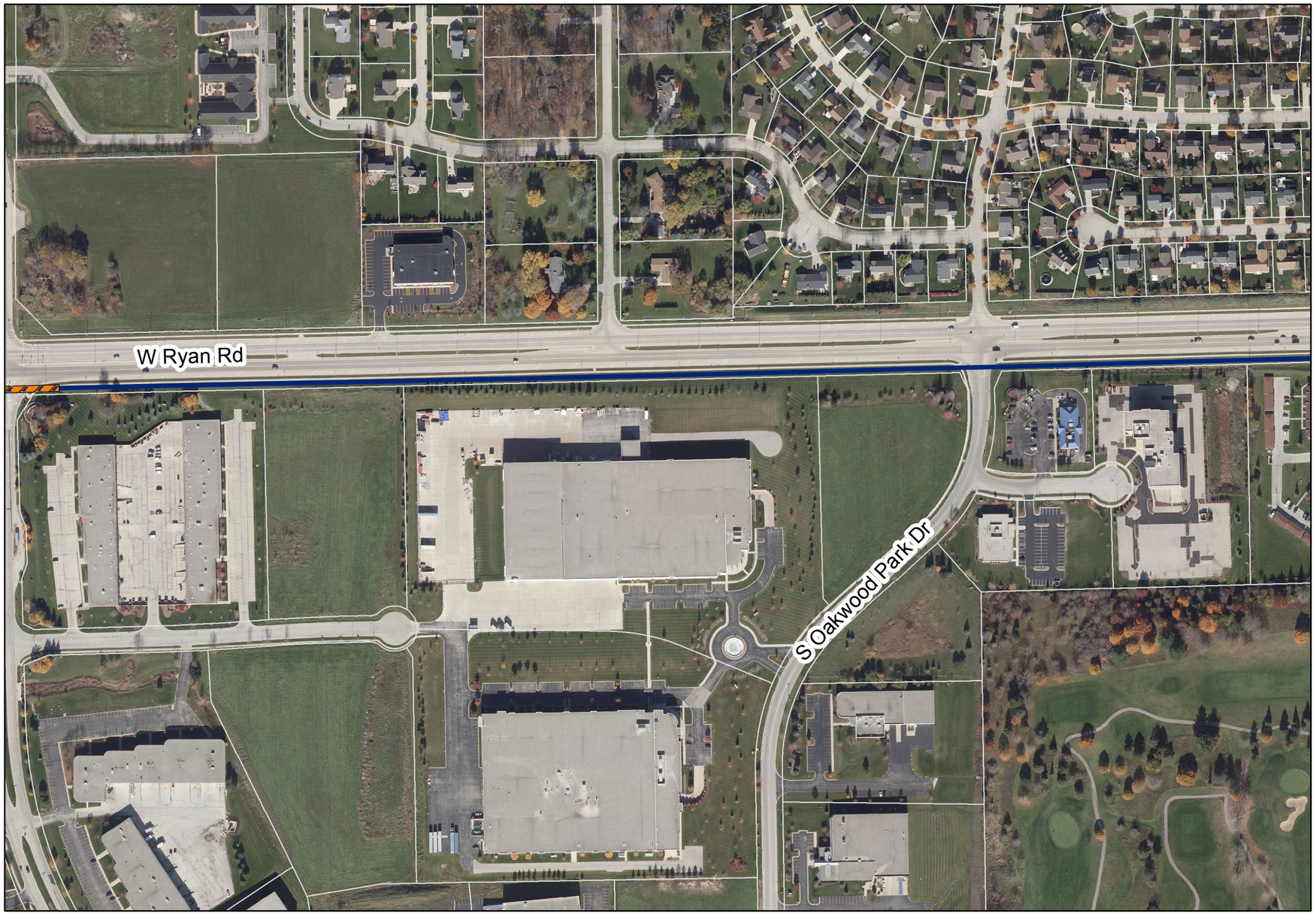

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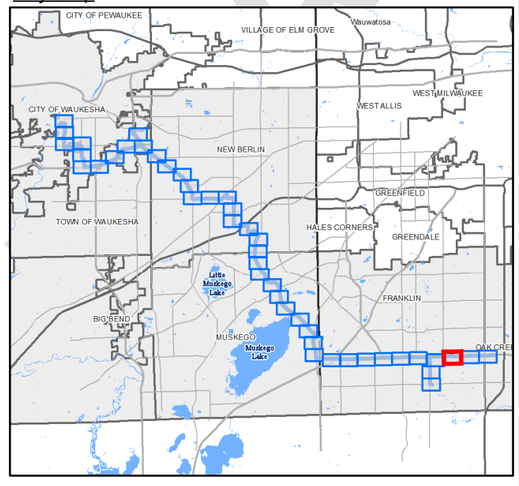

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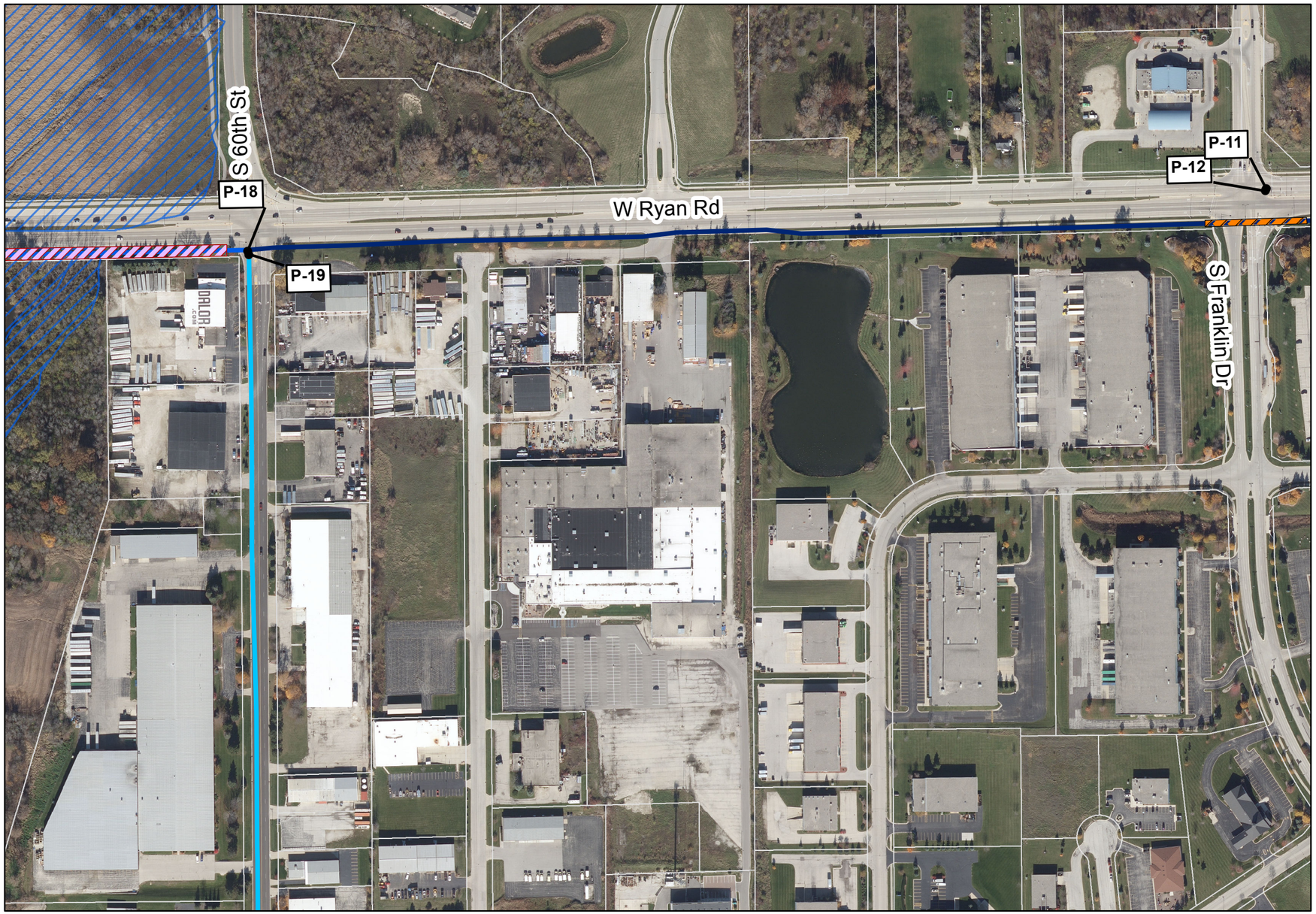
Great Lakes Water Supply Program

Route Alternative 2 - Panel 3 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



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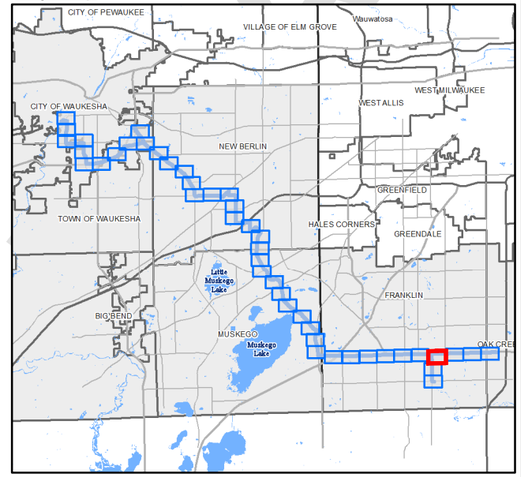

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 4 of 44

Date: 5/29/2018

Plotted: 5/29/2018
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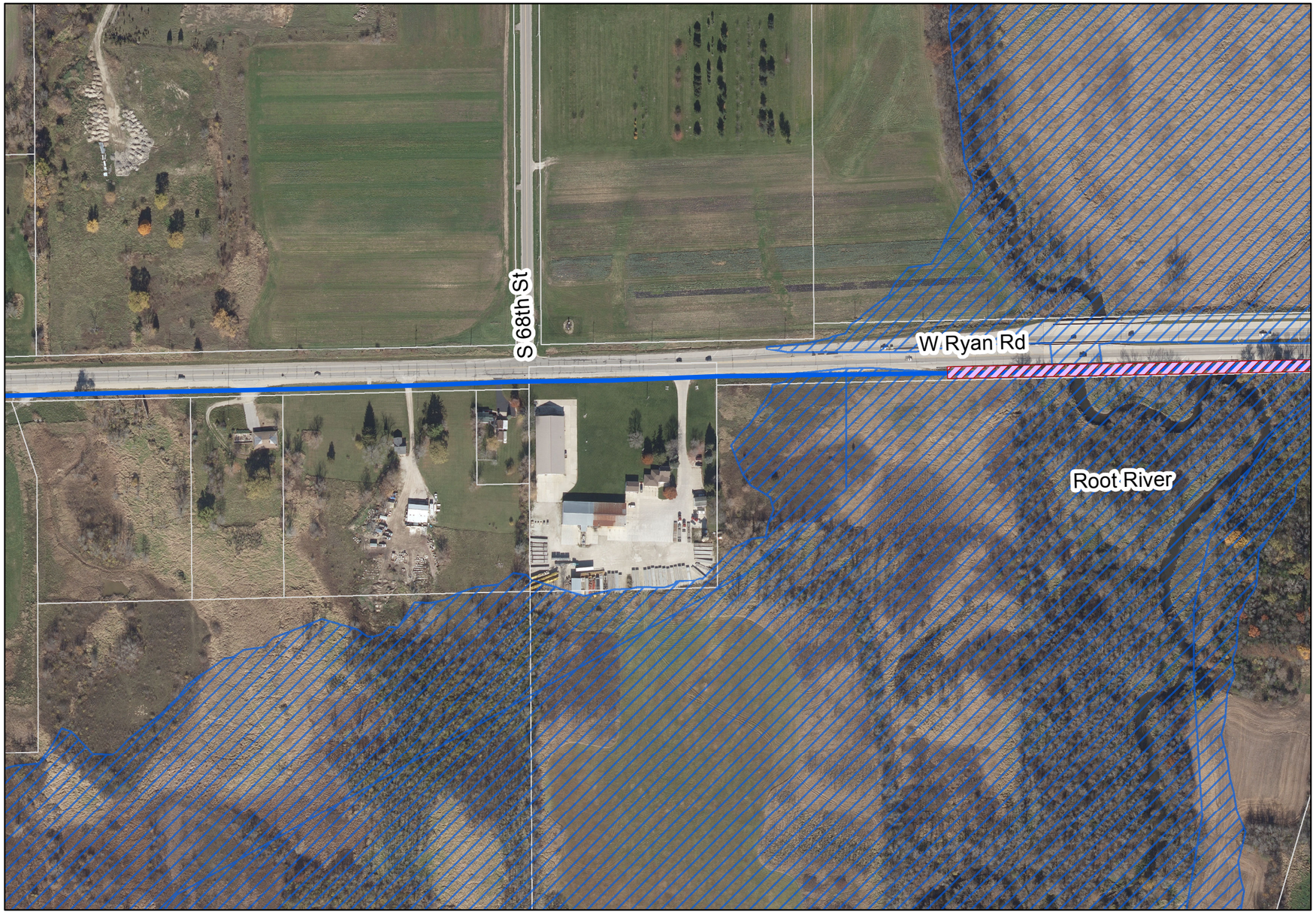

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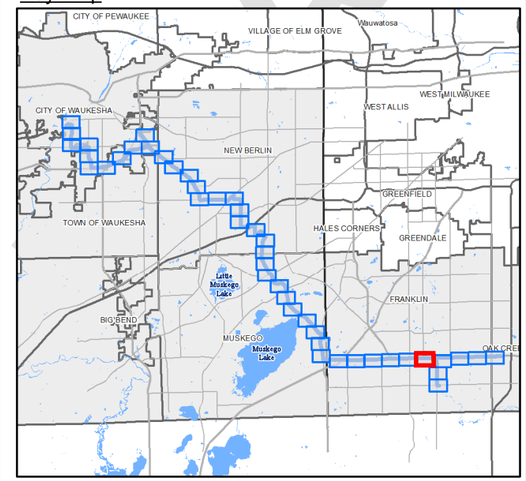

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 5 of 44

Date: 5/29/2018

Plotted: 5/29/2018
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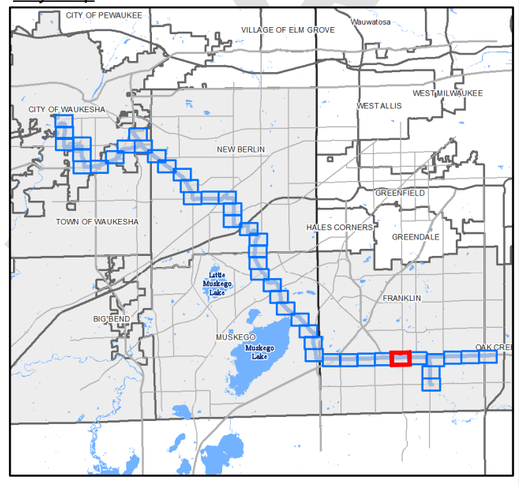

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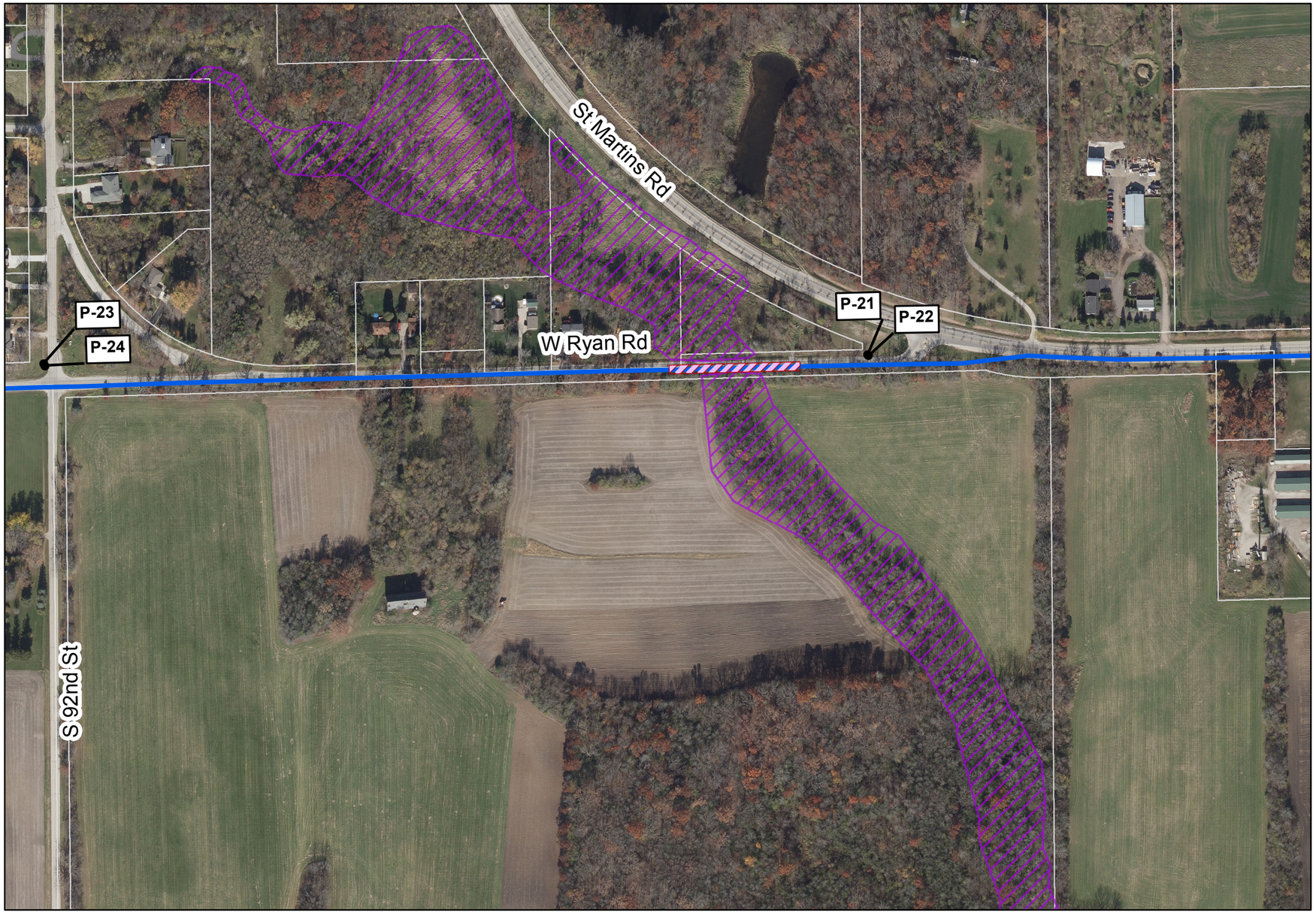
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 6 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



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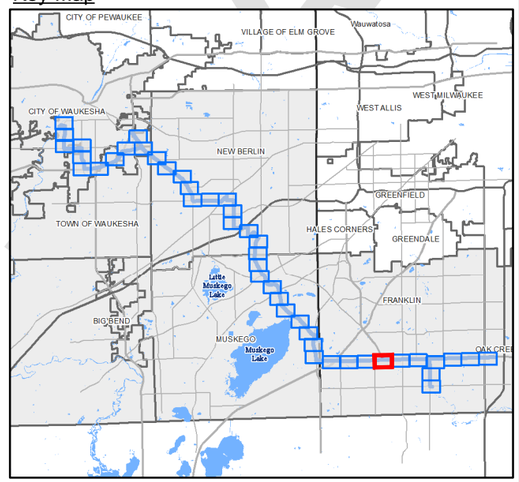

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 7 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

Legend

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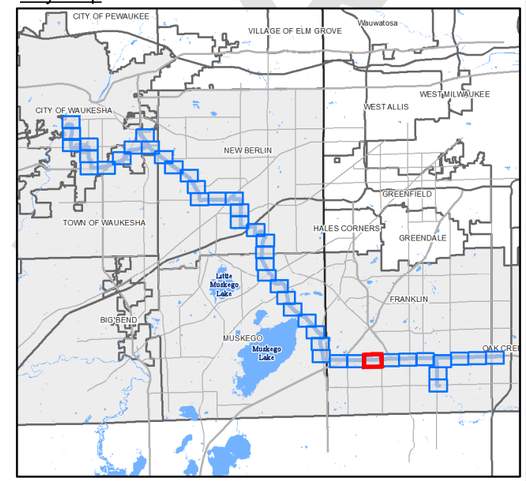

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 8 of 44

Date: 5/29/2018

Plotted: 5/29/2018
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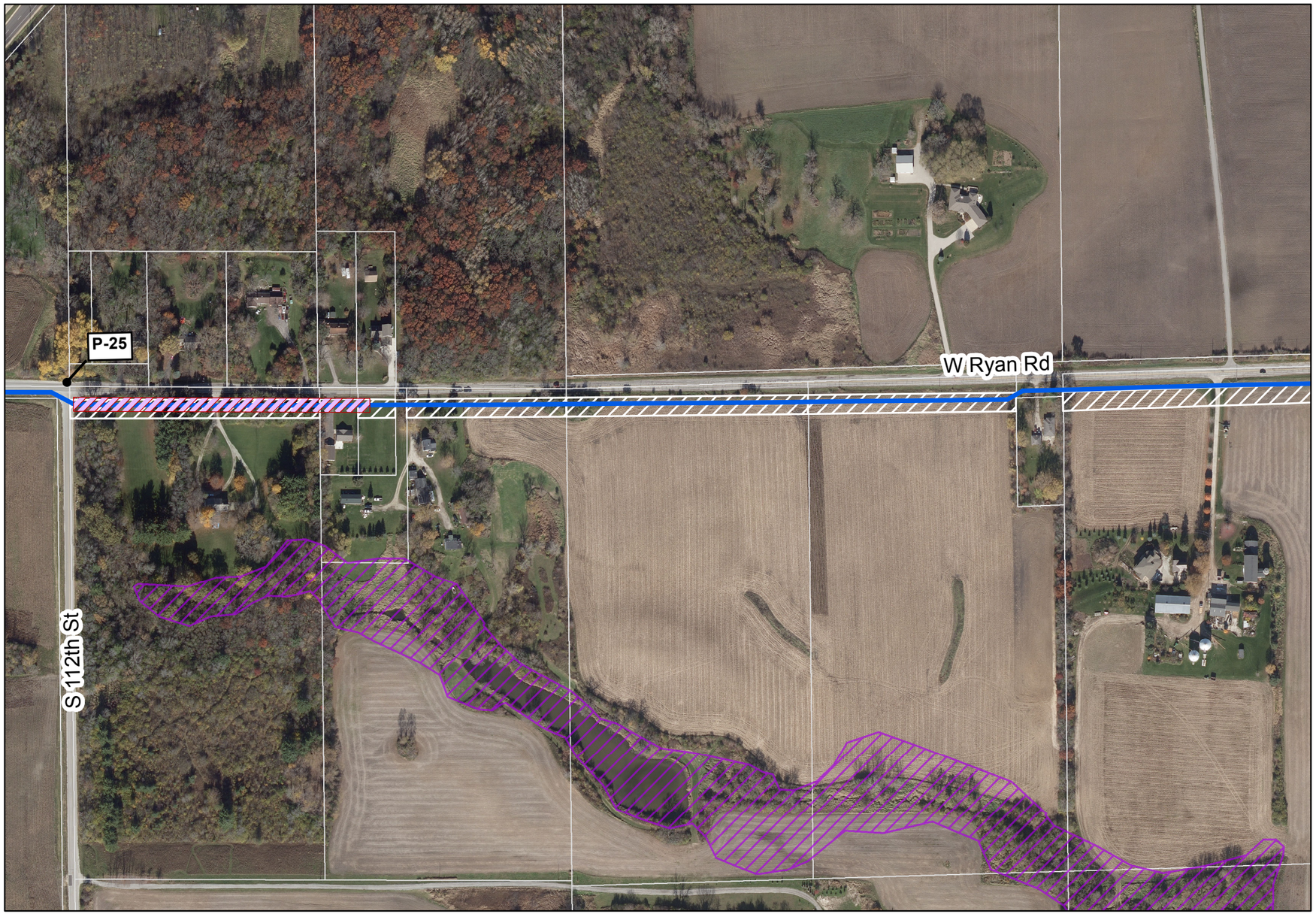

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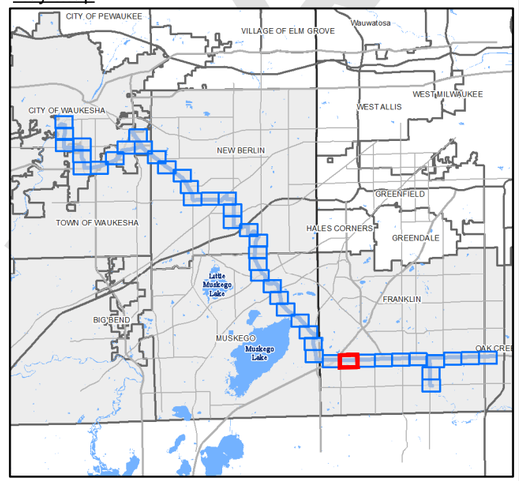

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 9 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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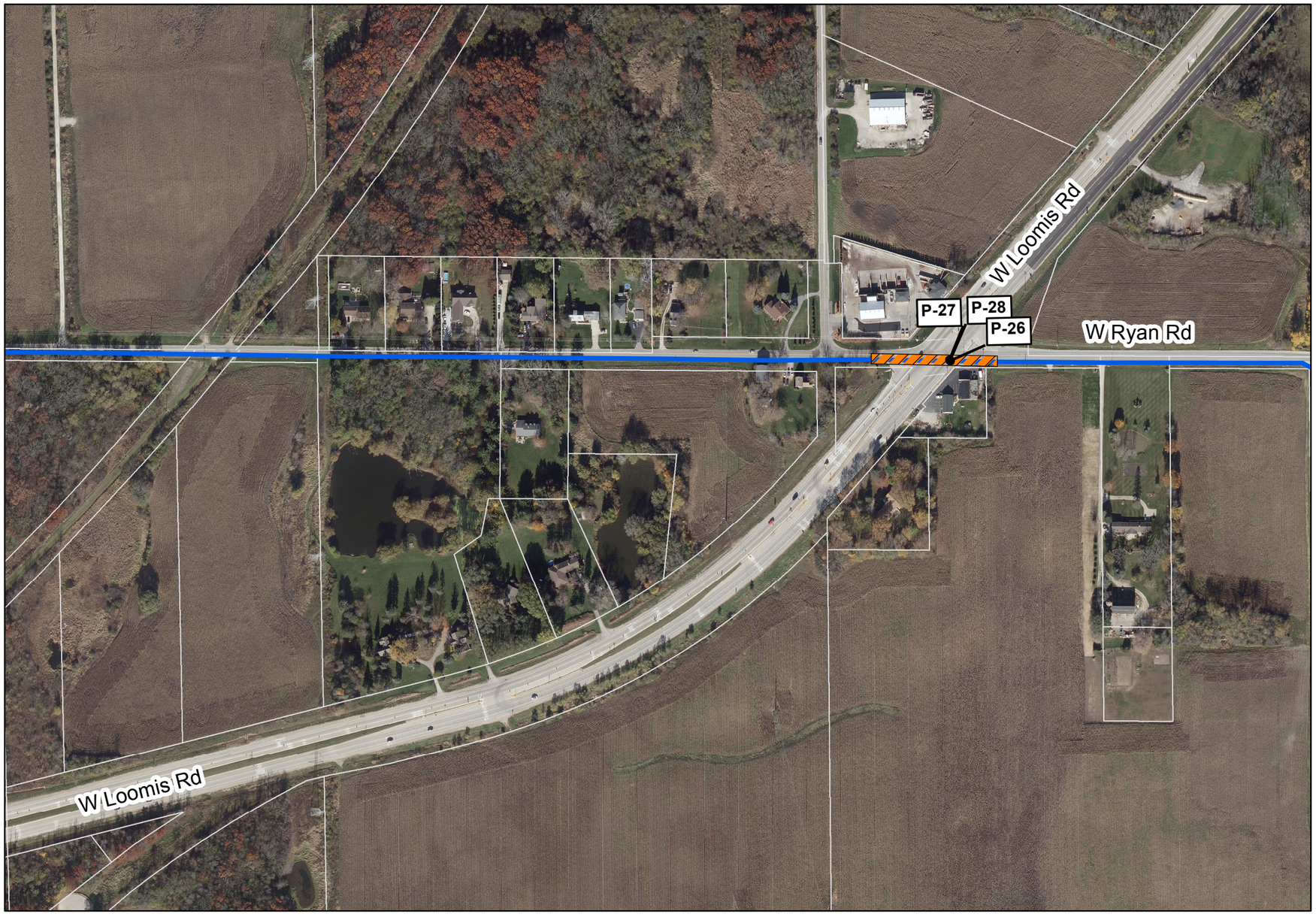

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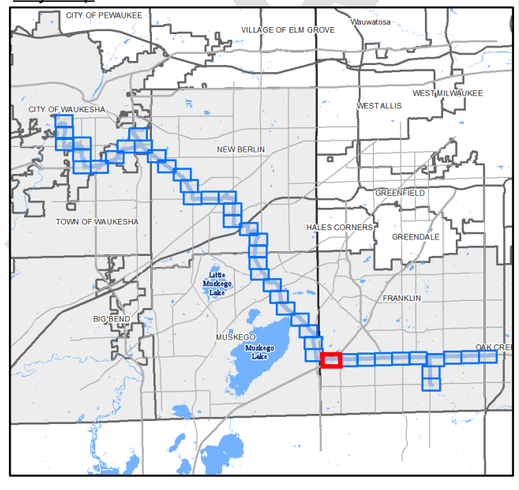

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 10 of 44

Date: 5/29/2018

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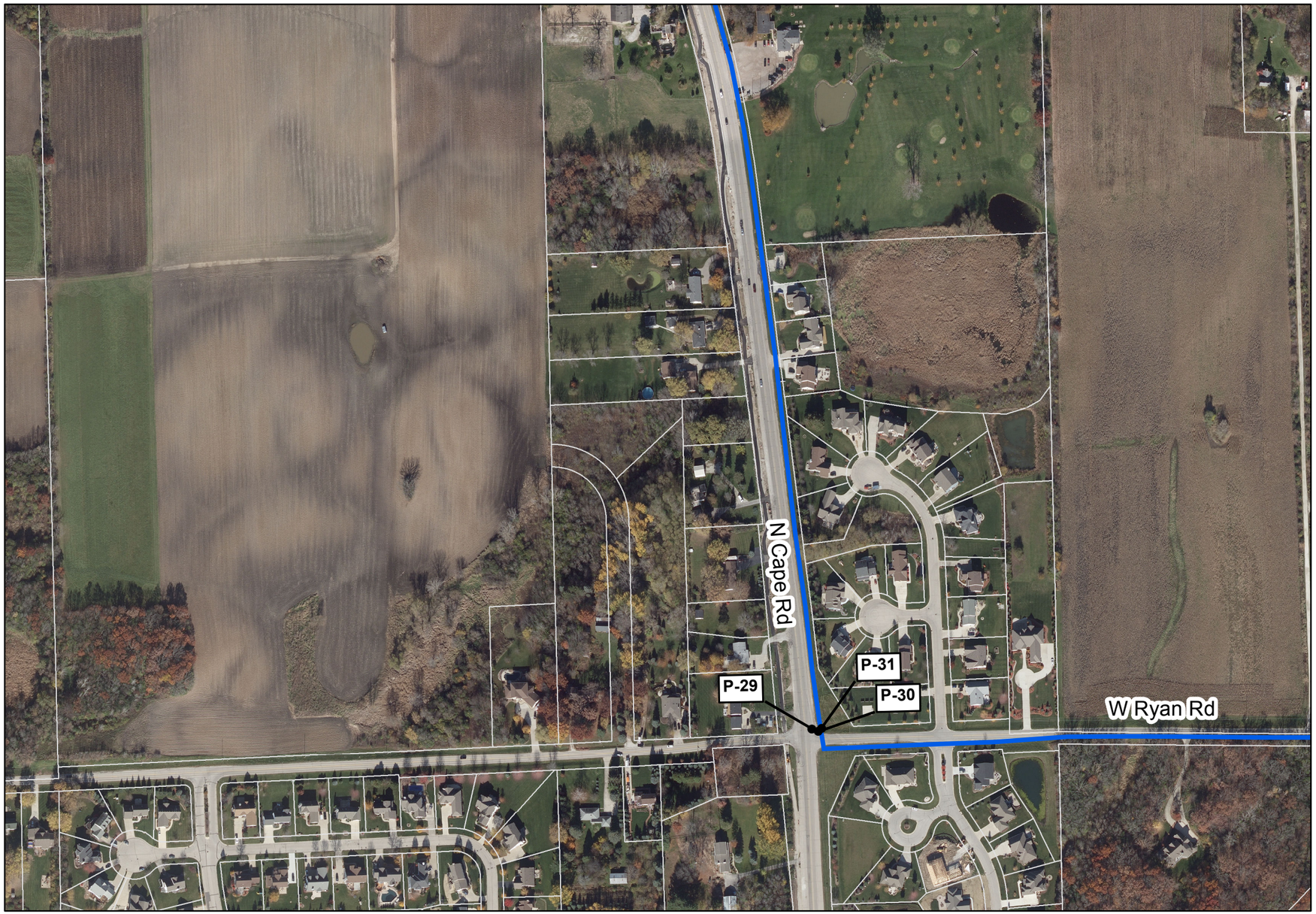

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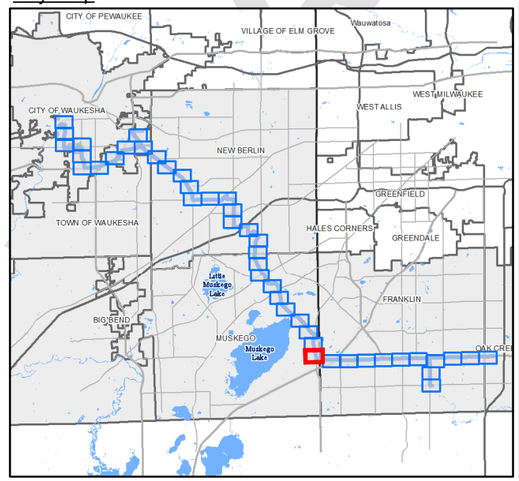

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 11 of 44

Date: 5/29/2018

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Plotted: 5/29/2018
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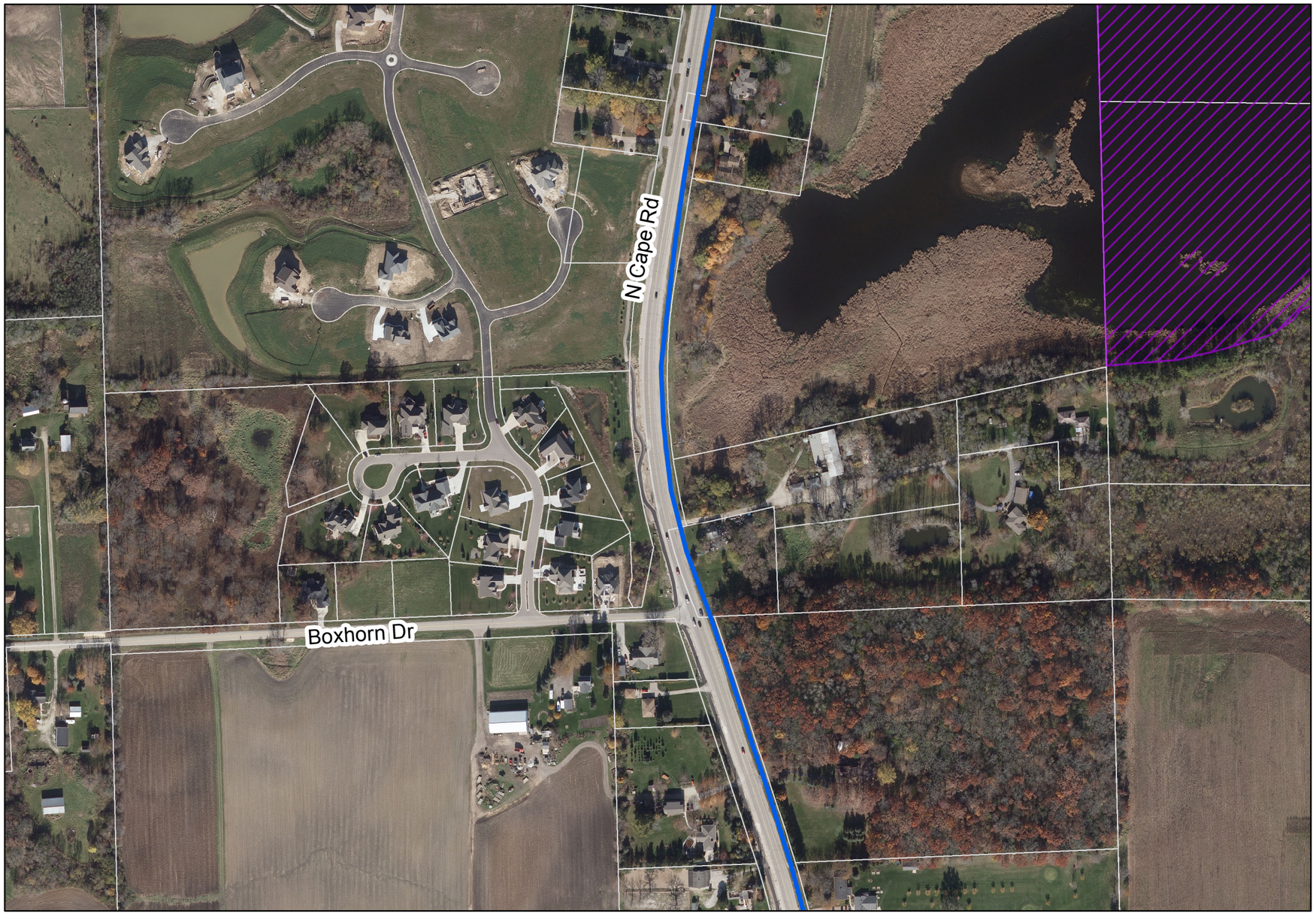

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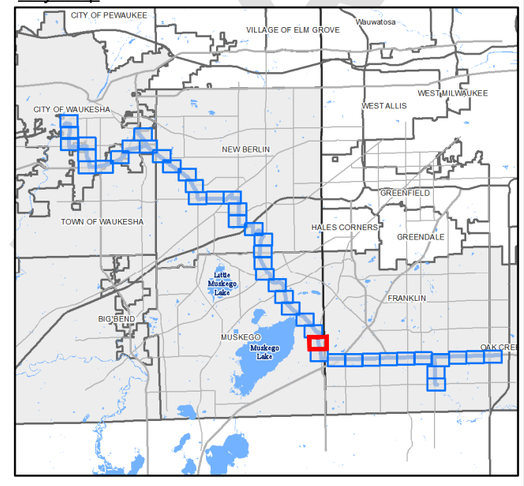

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 12 of 44

Date: 5/29/2018

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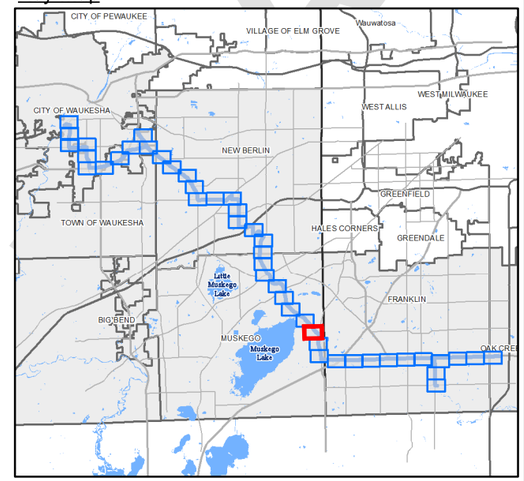

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Route Alternative 2 - Panel 13 of 44

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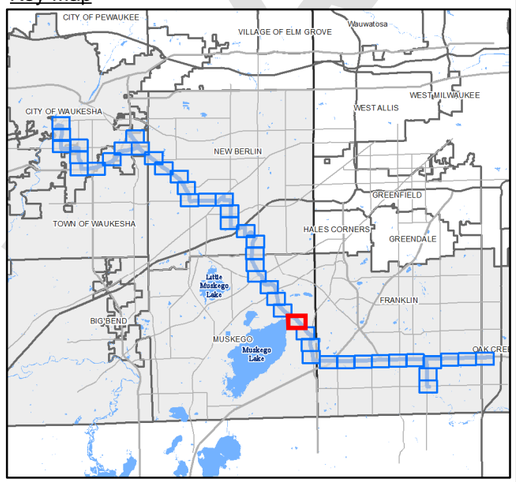
- Easement Required (50 ft wide)
- Temporary Easement Required (15 ft wide)
- Route Alternative 2 - Water Supply Pipeline
- Route Alternative 2 - Return Flow Pipeline
- Route Alternative 2 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Waukesha Water Utility
SERVING WAUKESHA SINCE 1886

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 14 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
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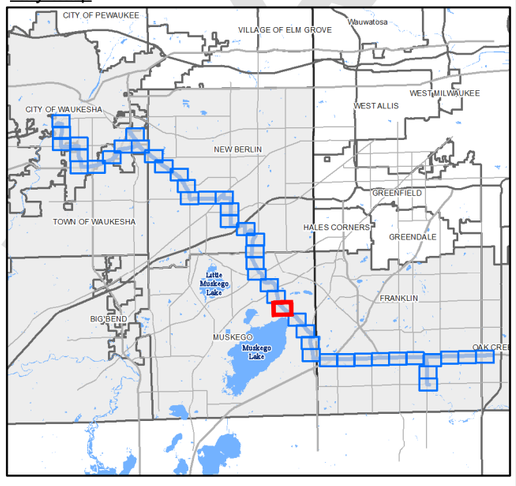
  See Route Descriptions for photos

Key Map



1" = 300'

0 150 300 600 feet

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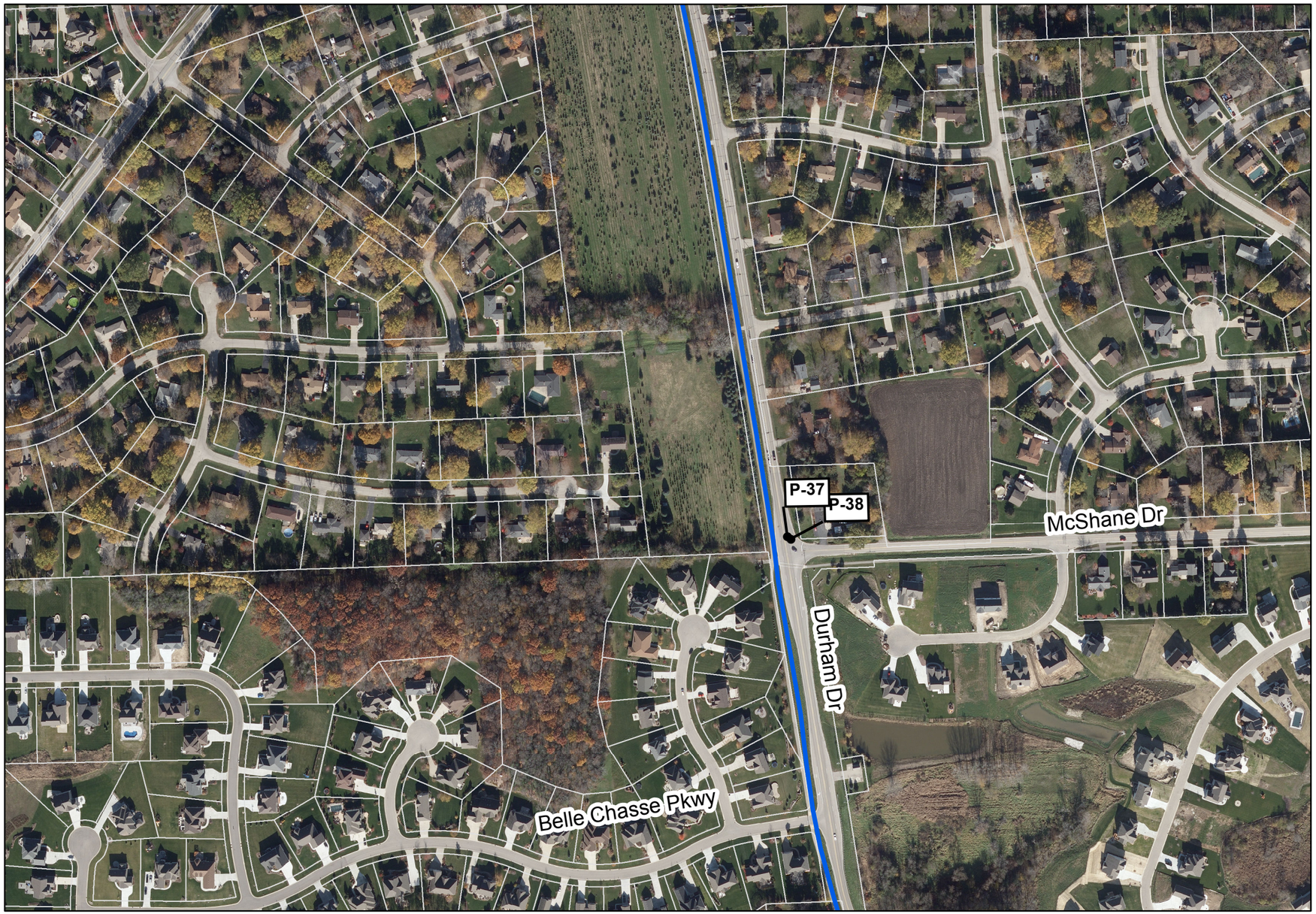
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 15 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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- Tax Parcel
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- Horizontal Directional Drilling (HDD)
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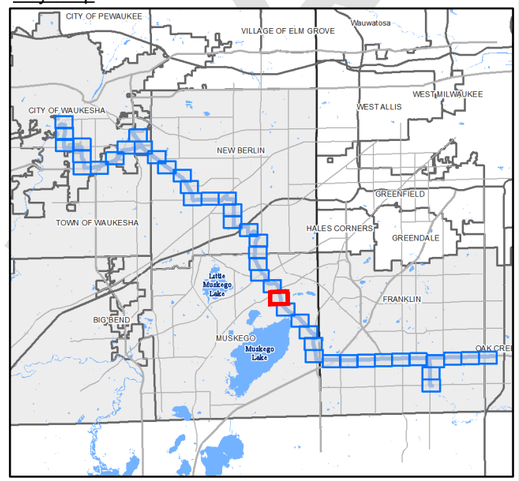
- Route Alternative 2 - Common Corridor
- P-# Photo ID from Field Investigation. See Route Descriptions for photos

Key Map



1" = 300'

0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 16 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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- Horizontal Directional Drilling (HDD)
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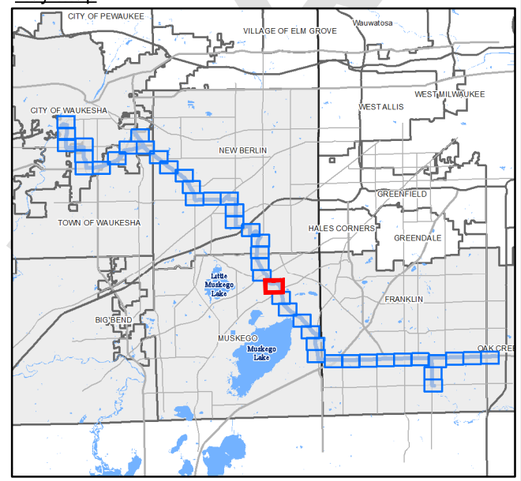
- Route Alternative 2 - Return Flow Pipeline
- Route Alternative 2 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 17 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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Legend

- FEMA Flood Zone A, (Unstudied)
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- Wisconsin Wetlands Inventory
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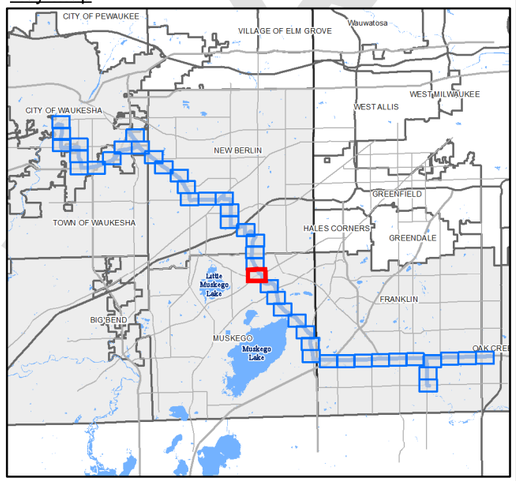
- Route Alternative 2 - Return Flow Pipeline
- Route Alternative 2 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 18 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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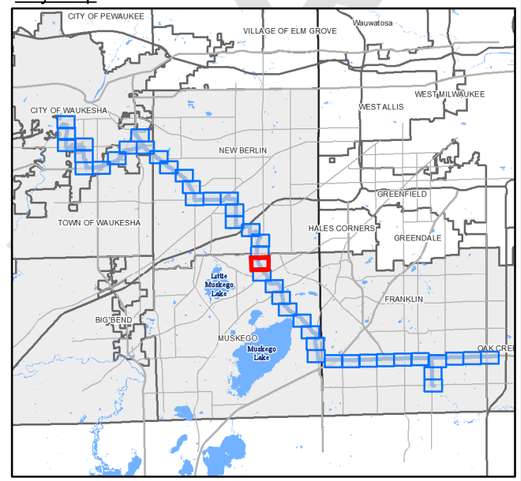
- Route Alternative 2 - Return Flow Pipeline
- Route Alternative 2 - Common Corridor
- P-# — Photo ID from Field Investigation. See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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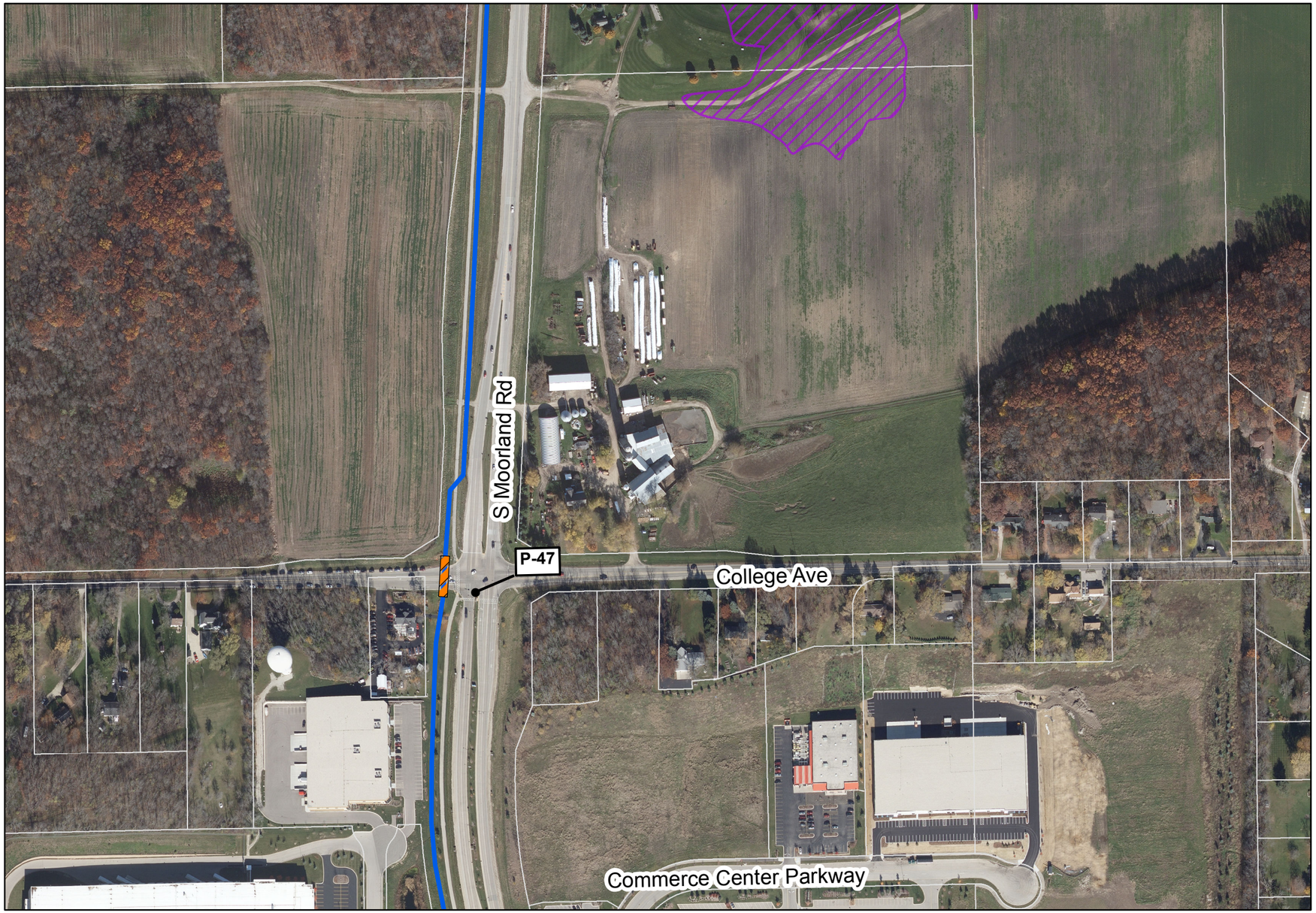
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 19 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
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- Wisconsin Wetlands Inventory
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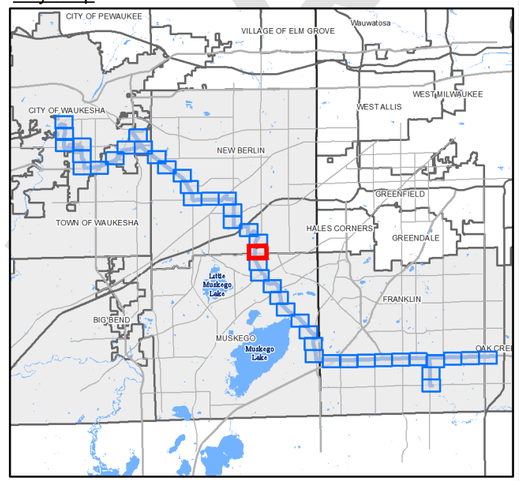
- Route Alternative 2 - Common Corridor
- P-# Photo ID from Field Investigation. See Route Descriptions for photos

Key Map



1" = 300'

0 150 300 600 feet

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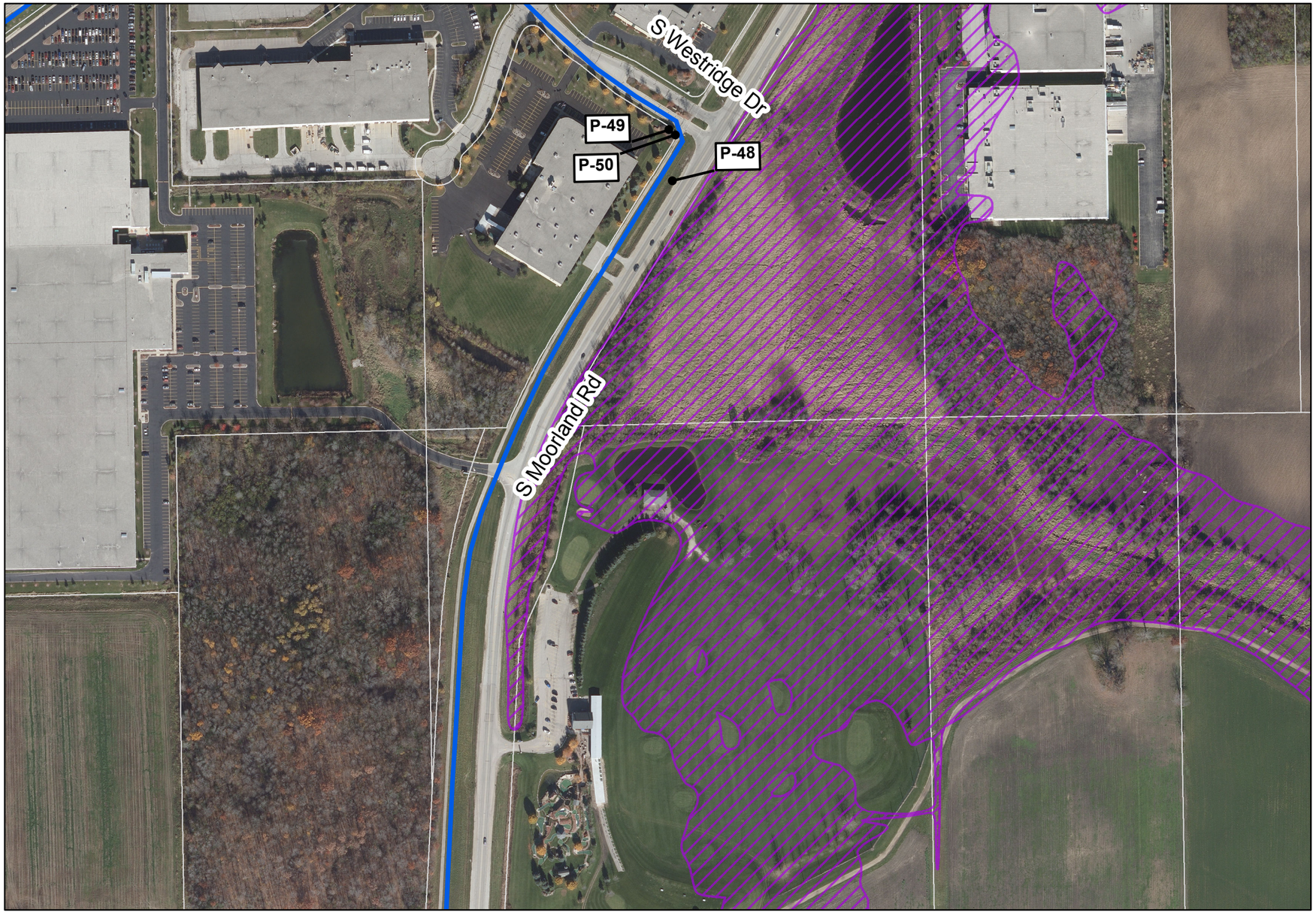
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 20 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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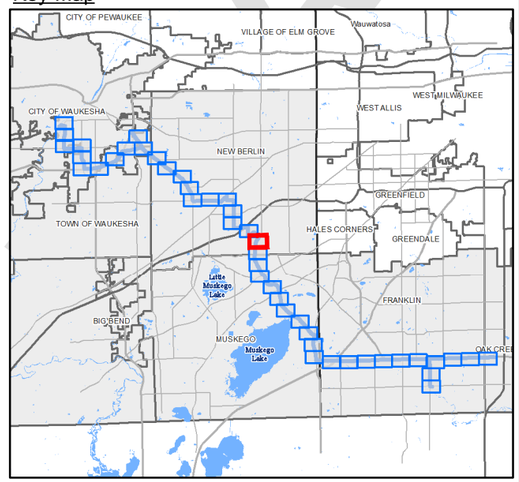
- Route Alternative 2 - Common Corridor
- P-# Photo ID from Field Investigation See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 21 of 44

Date: 5/29/2018

Plotted: 5/29/2018
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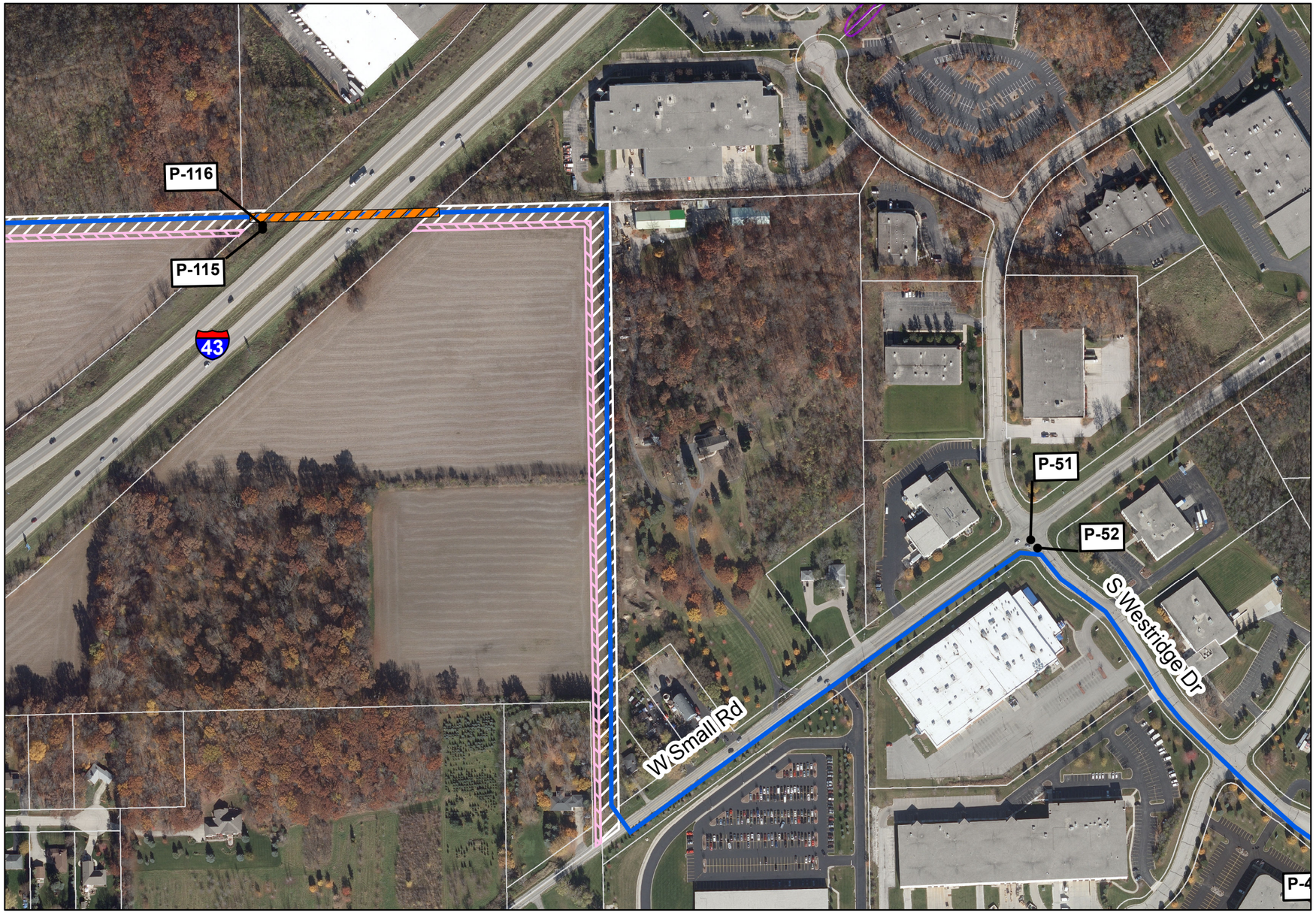

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
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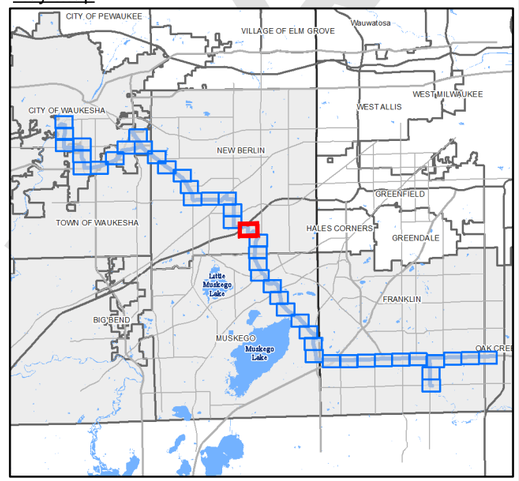
- Route Alternative 2 - Return Flow Pipeline
- Route Alternative 2 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 22 of 44

Date: 5/29/2018

Plotted: 5/29/2018
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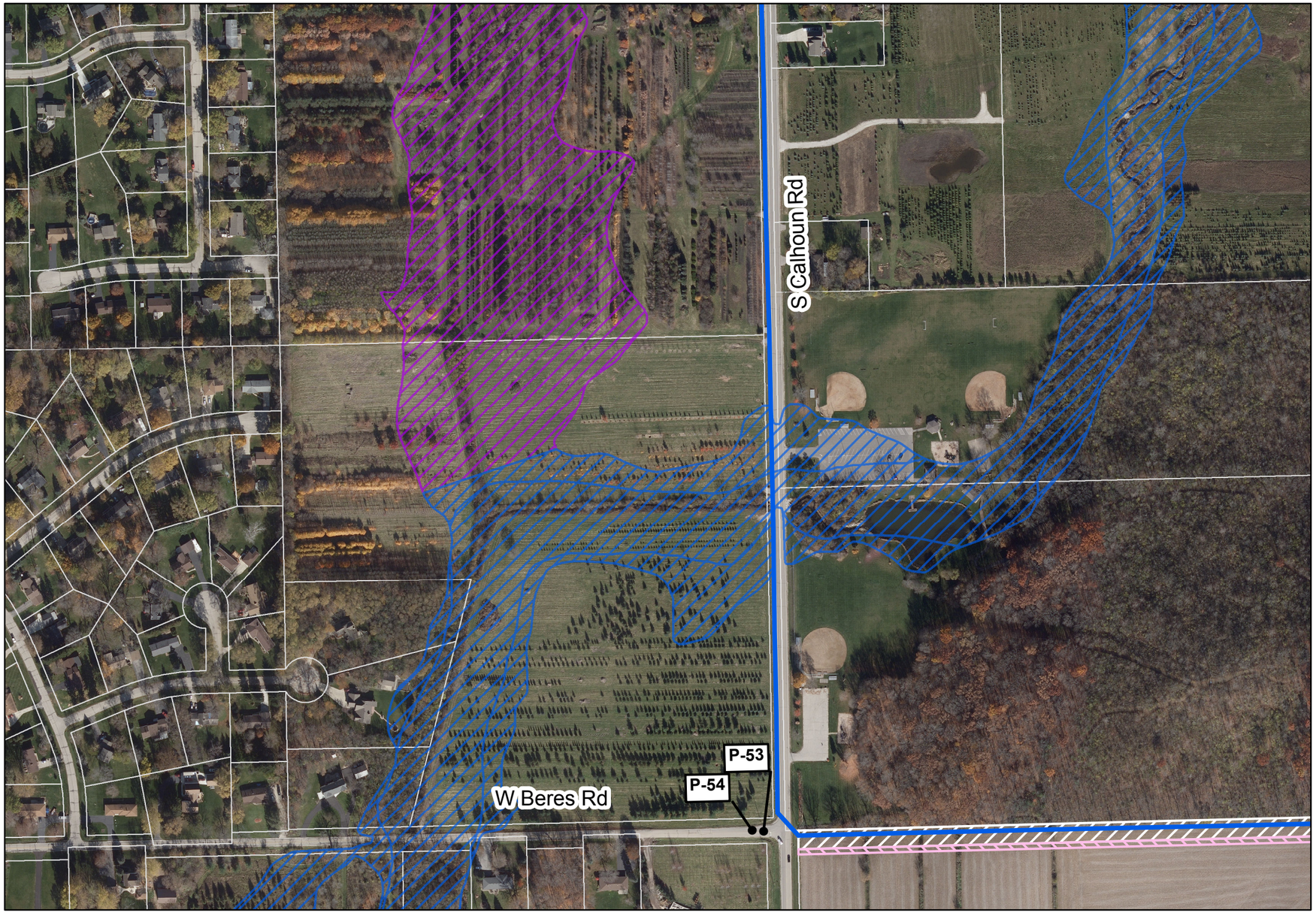

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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- Route Alternative 2 - Common Corridor
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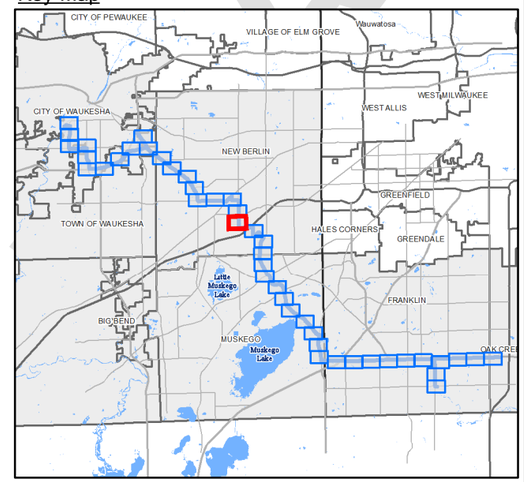
Key Map



1" = 300'

0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 23 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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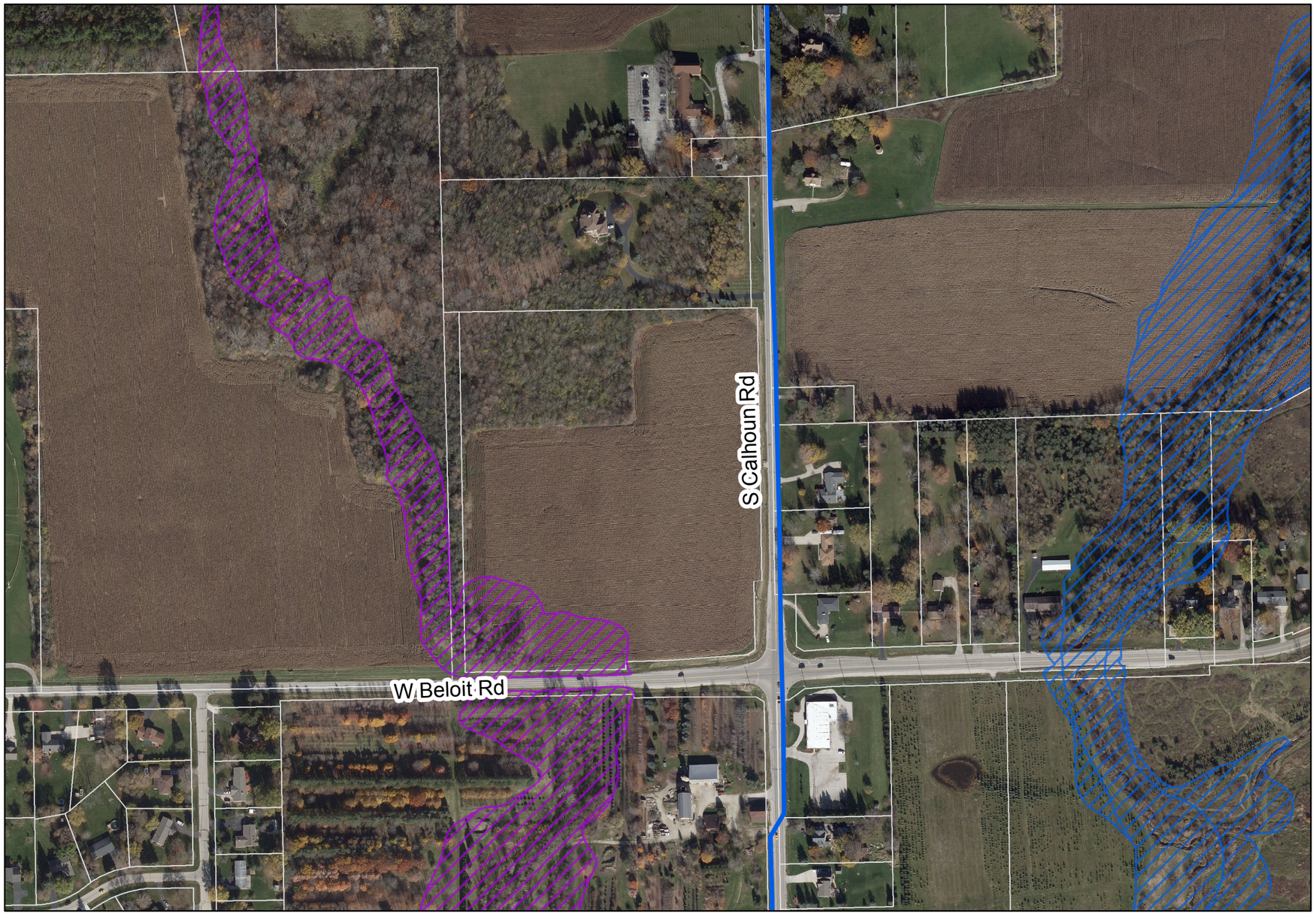

Legend

- FEMA Flood Zone A, (Unstudied)
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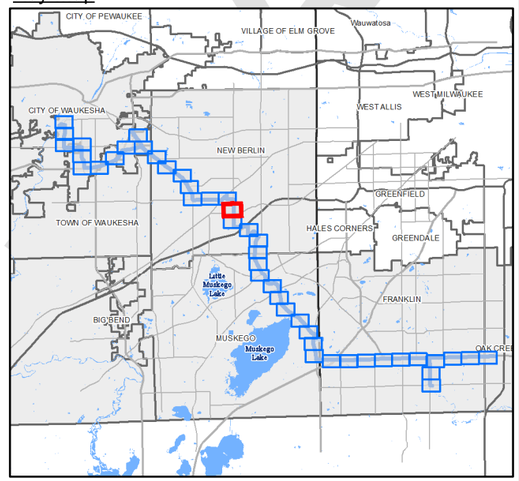
  See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha Water Utility
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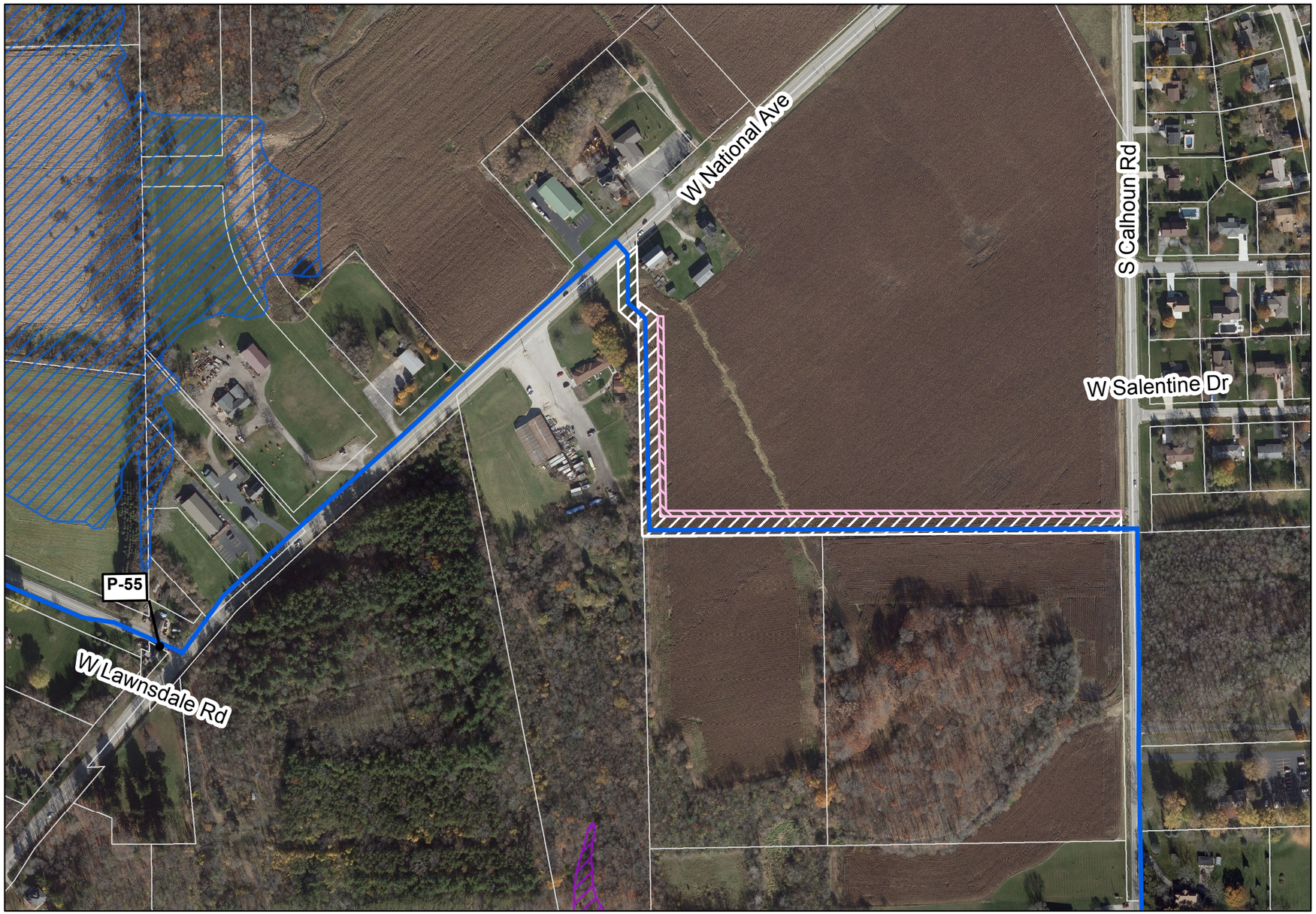
Waukesha, Wisconsin 53186

Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 24 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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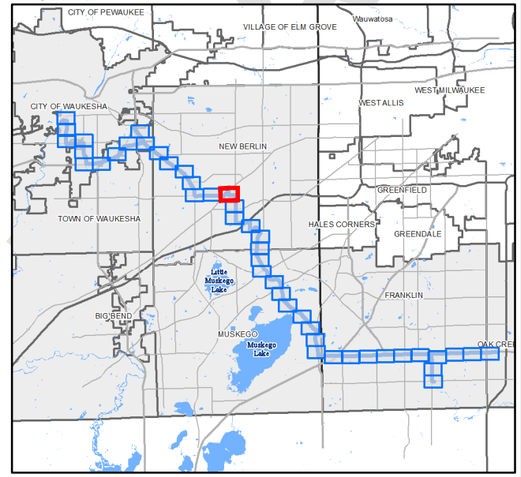
N

Key Map



1" = 300'

0 150 300 600 feet

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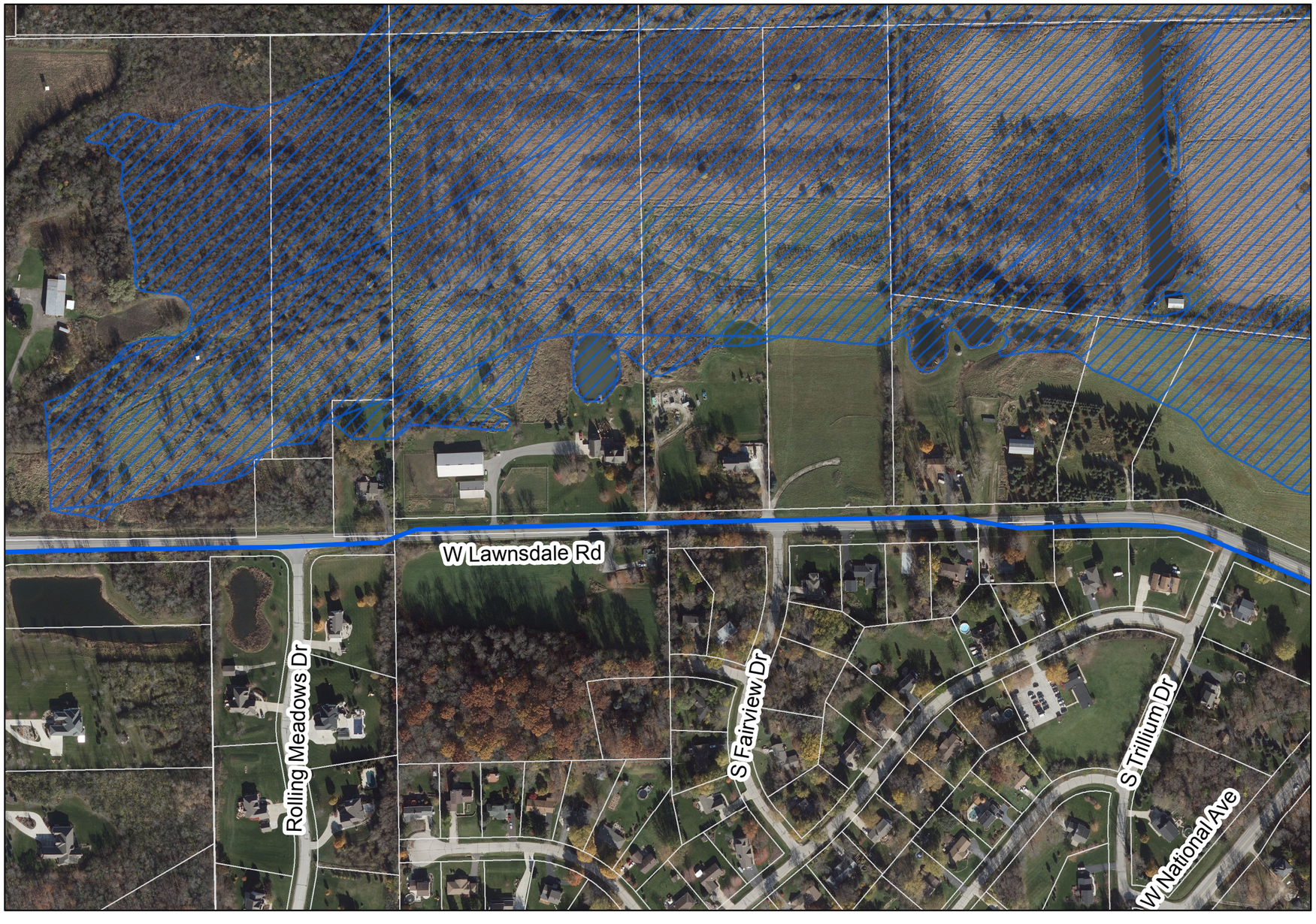
Waukesha, Wisconsin 53186

Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 25 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



Legend

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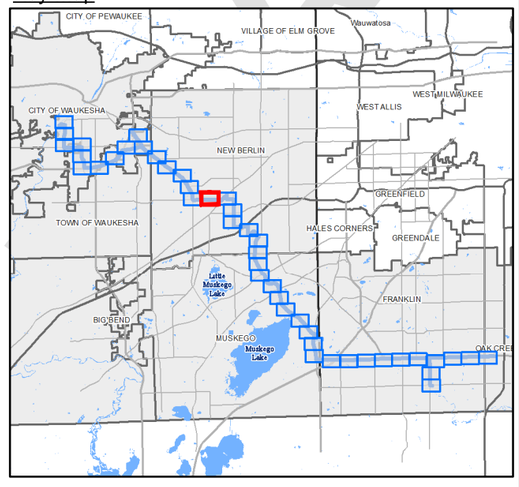
N

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 26 of 44

Date: 5/29/2018

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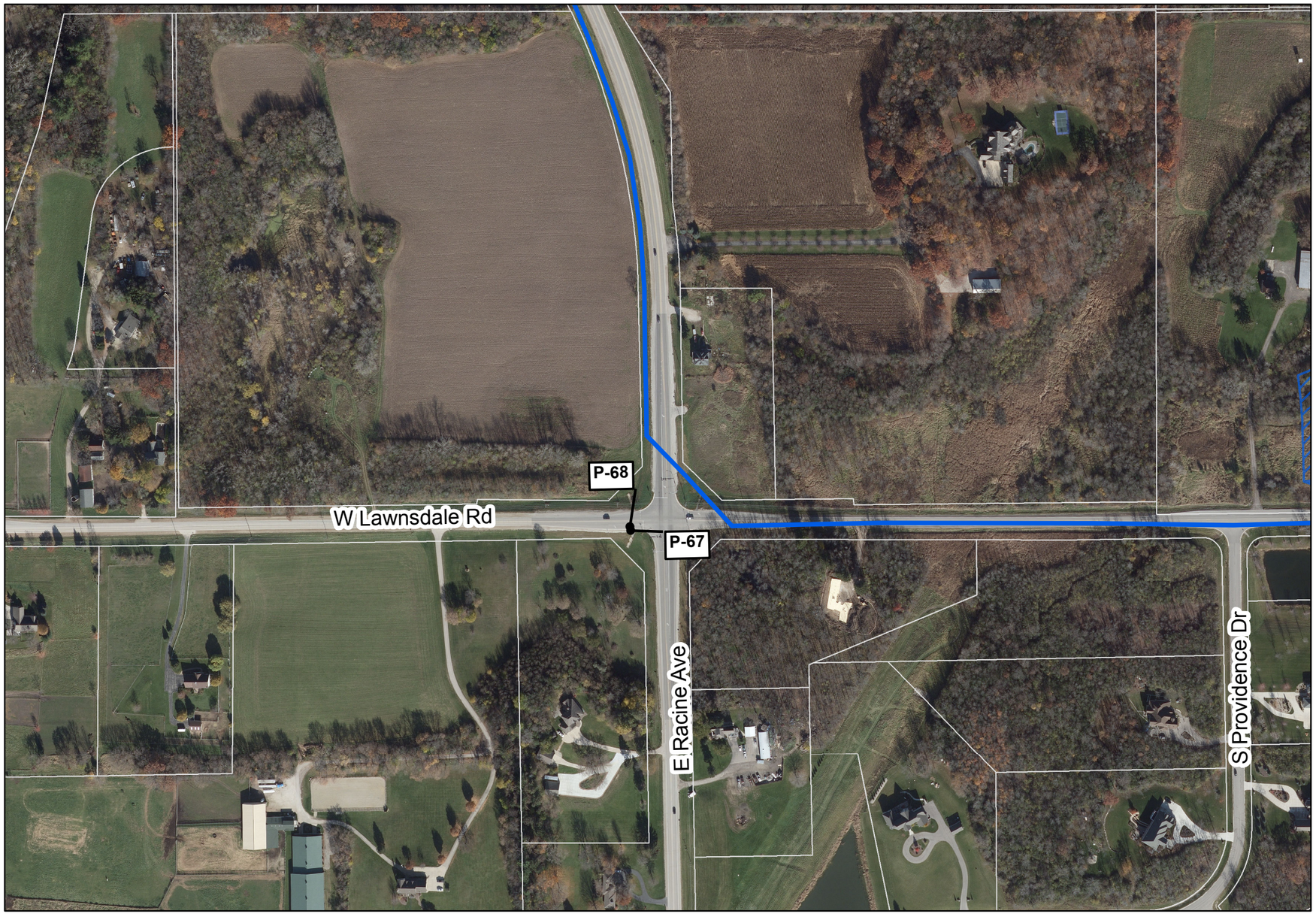
Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
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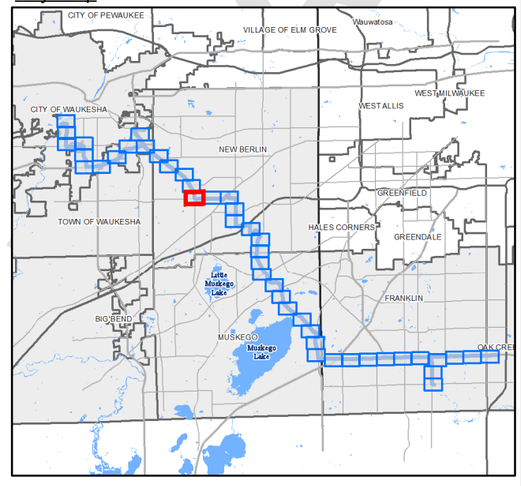

1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin 53186

Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 27 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

Legend

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- Route Alternative 2 - Common Corridor
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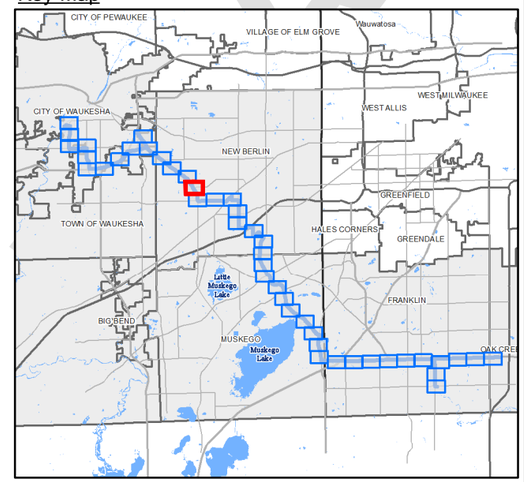
N

Key Map



1" = 300'

0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 28 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

Legend

- FEMA Flood Zone A, (Unstudied)
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- Route Alternative 2 - Common Corridor
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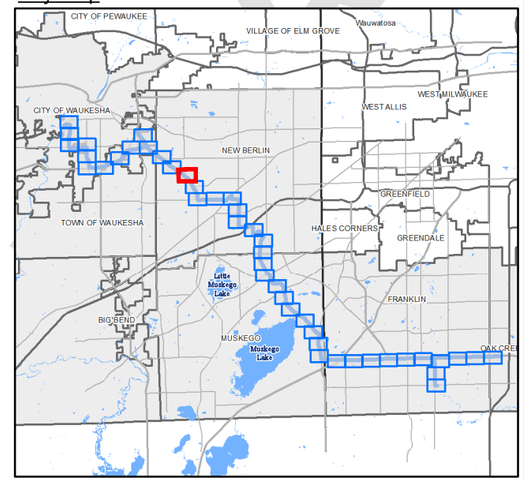

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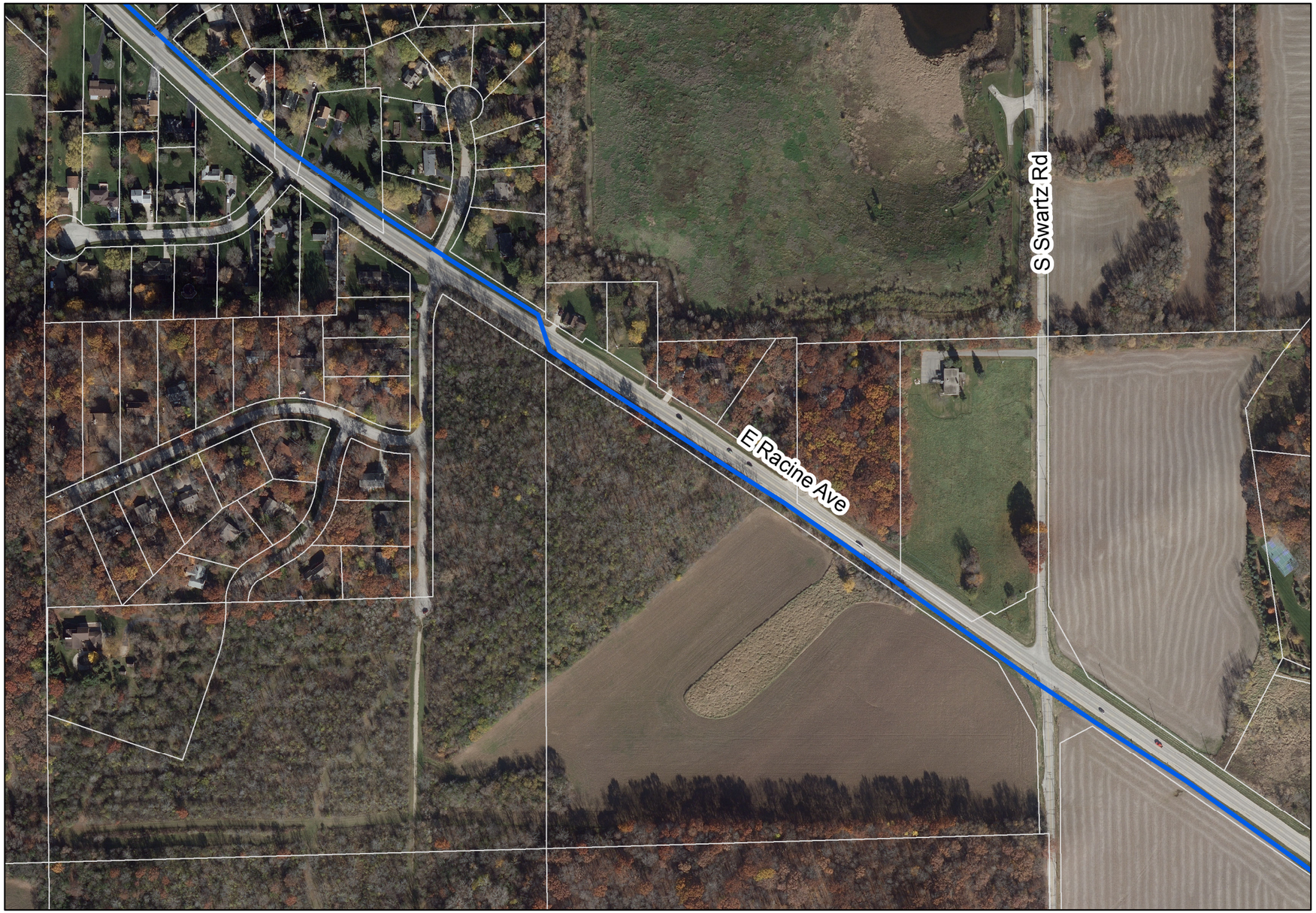
Route Alternative 2 - Panel 29 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



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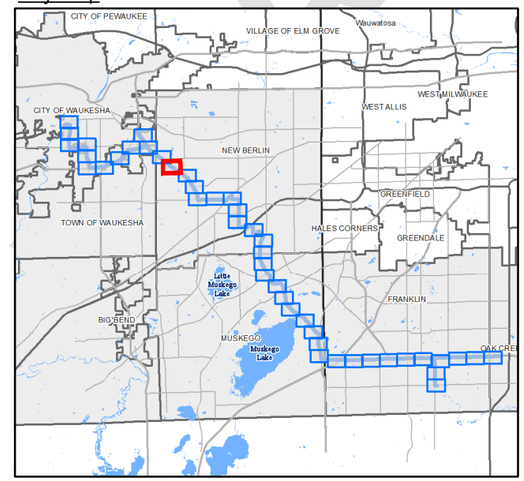

1" = 300'
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Route Alternative 2 - Panel 30 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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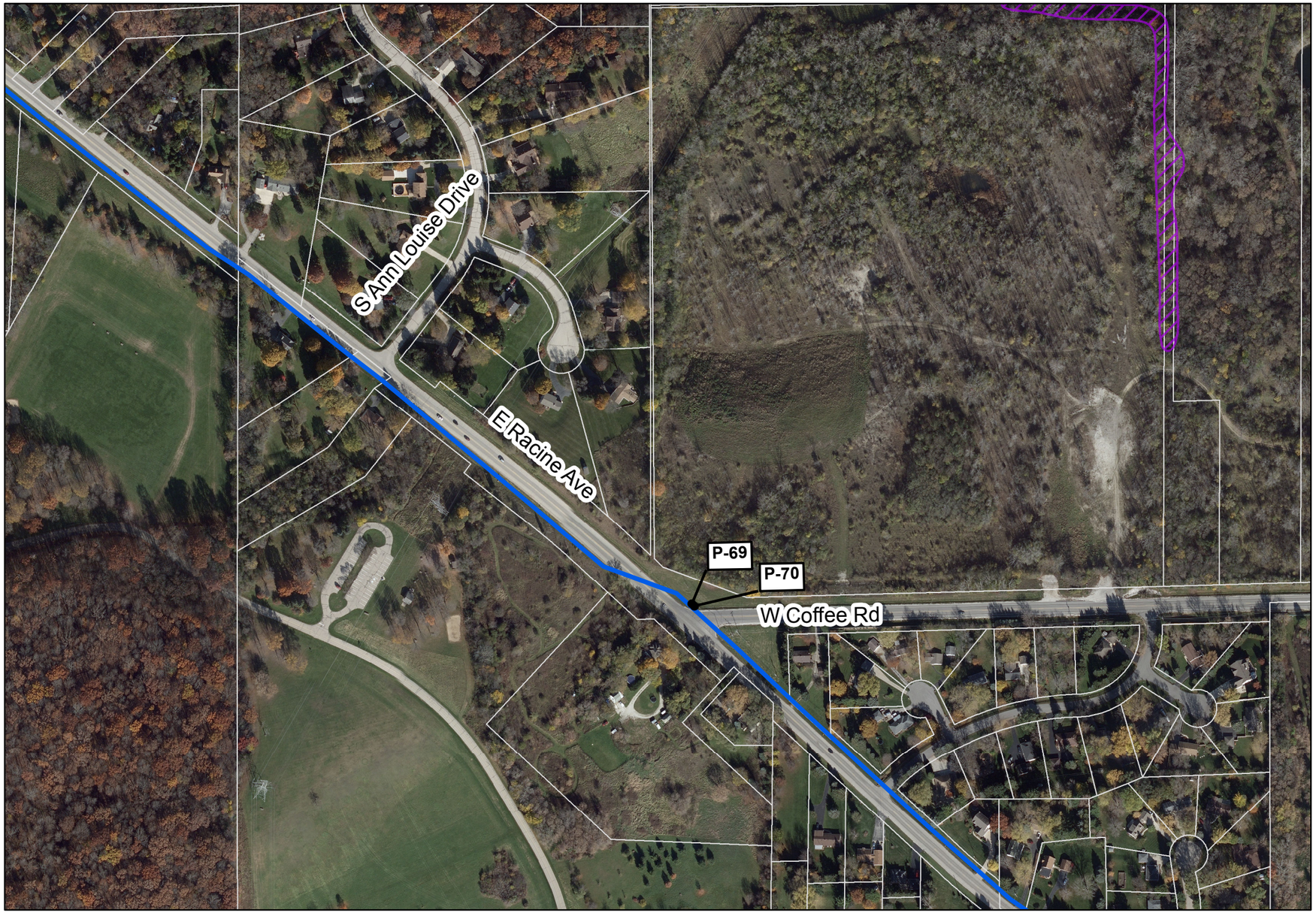

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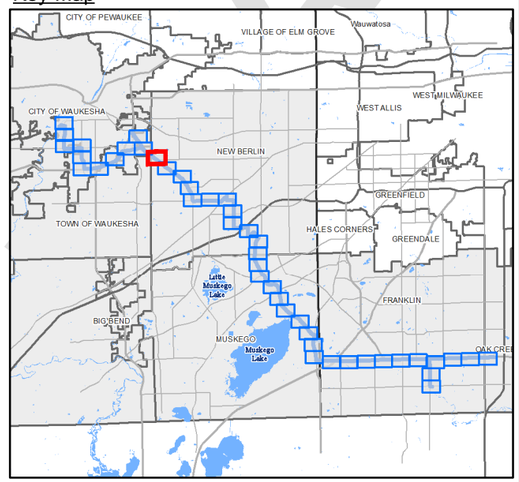

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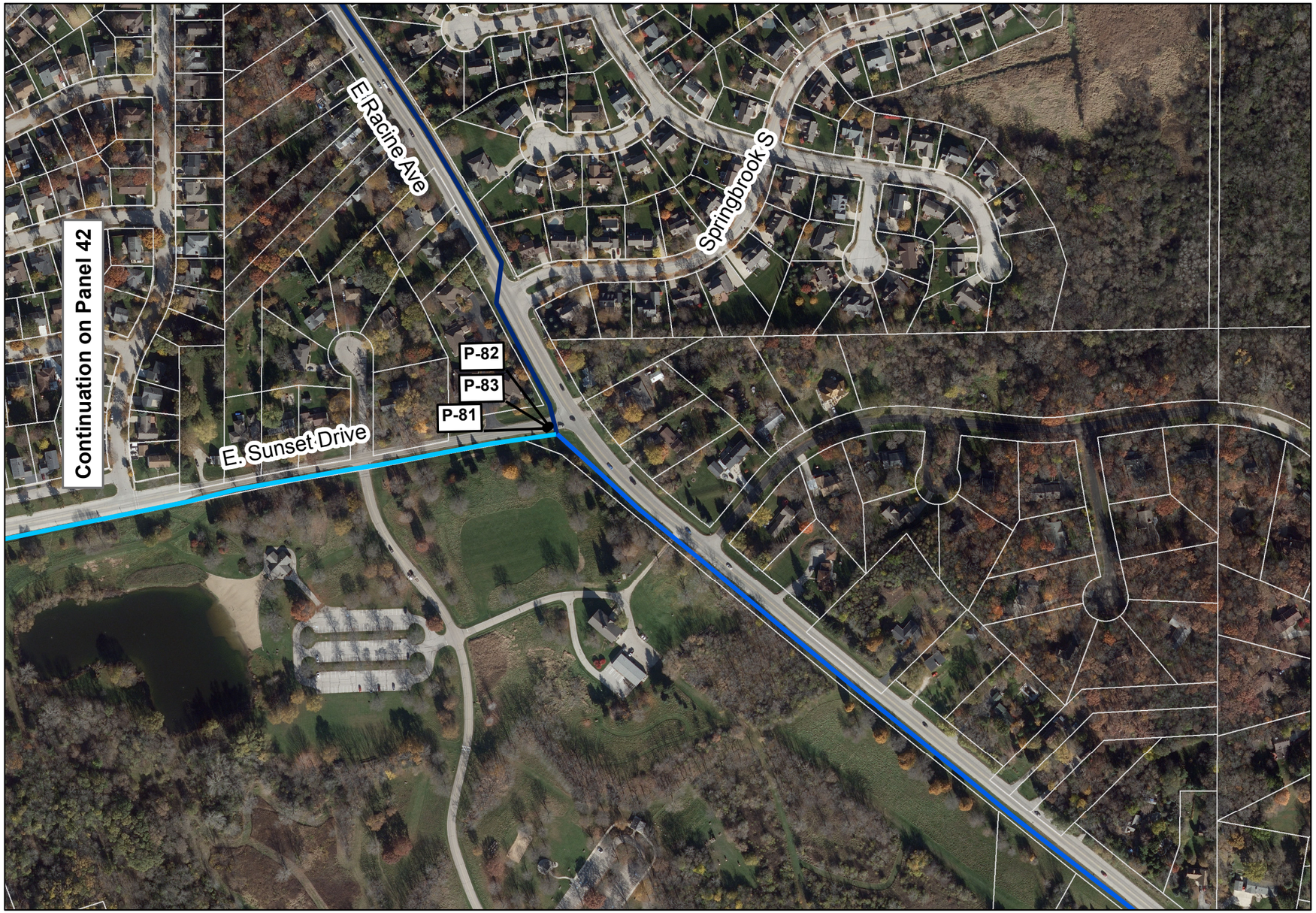
Great Lakes Water Supply Program

Route Alternative 2 - Panel 31 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



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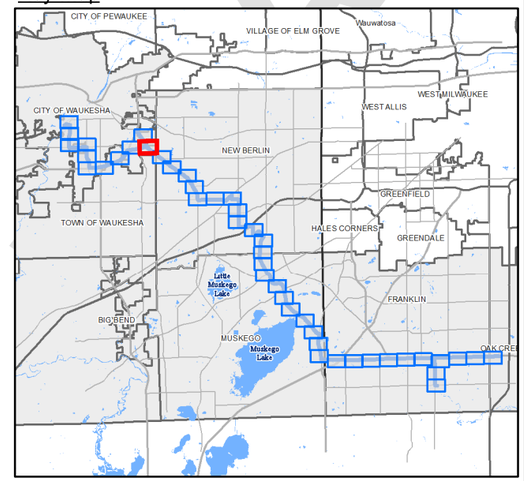

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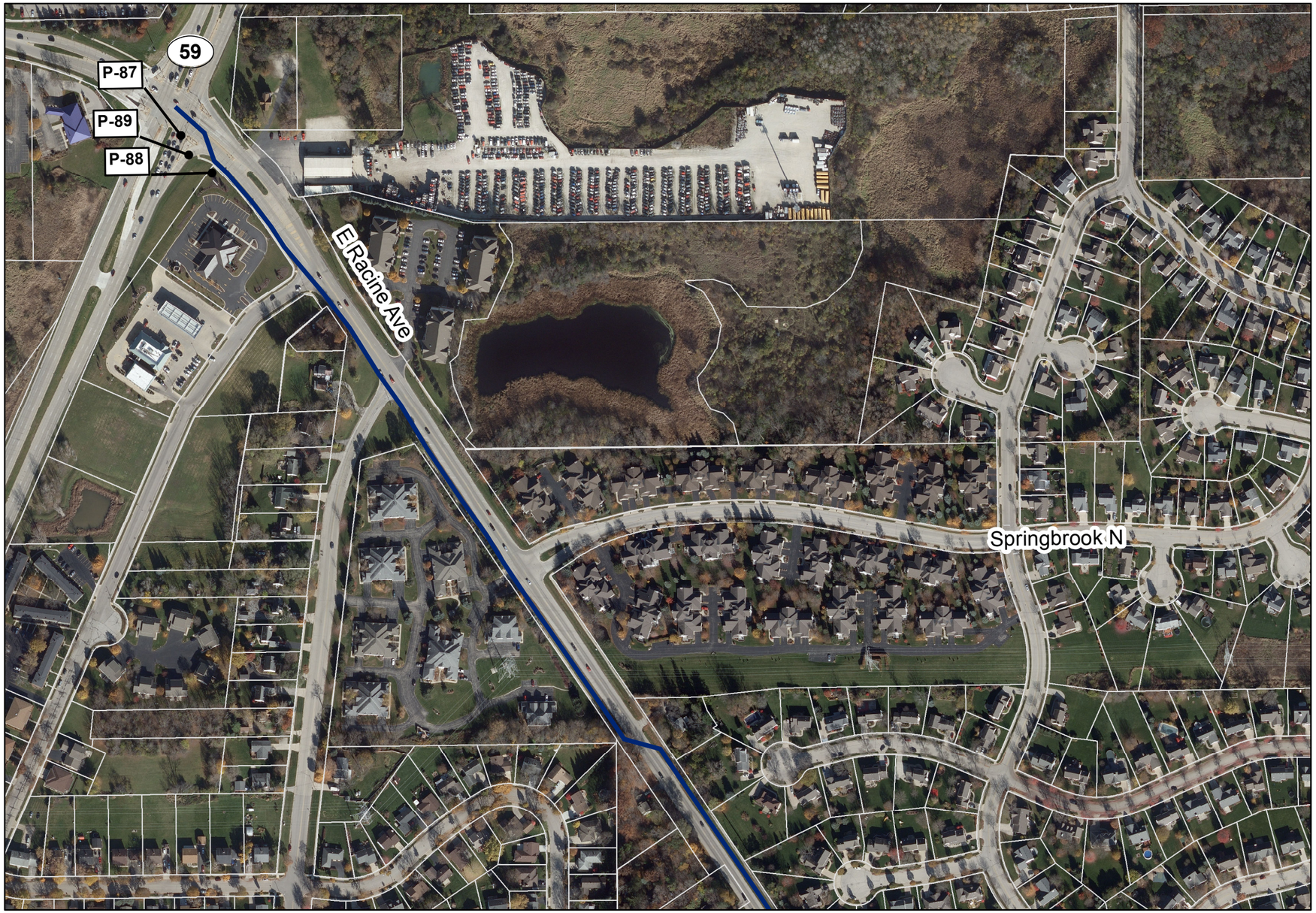
Great Lakes Water Supply Program

Route Alternative 2 - Panel 32 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



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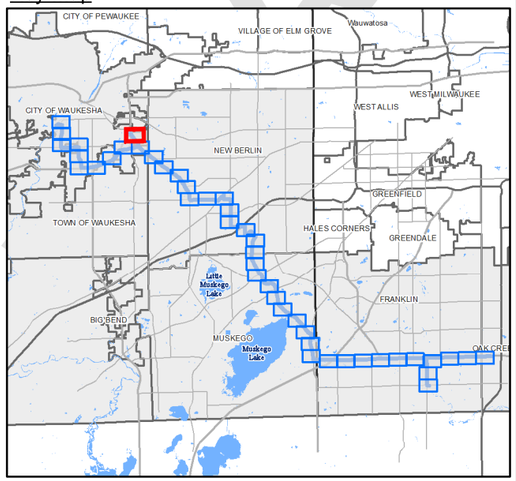

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 33 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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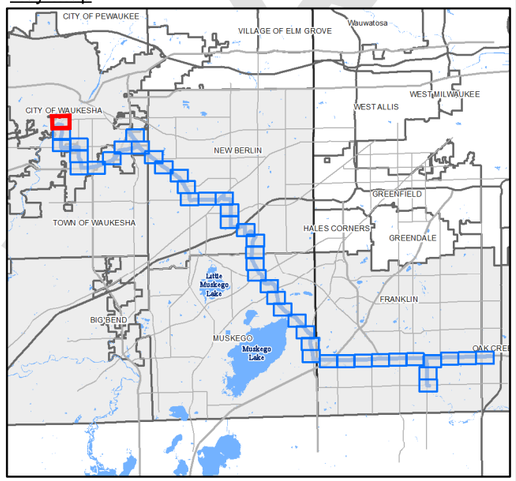

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Route Alternative 2 - Panel 34 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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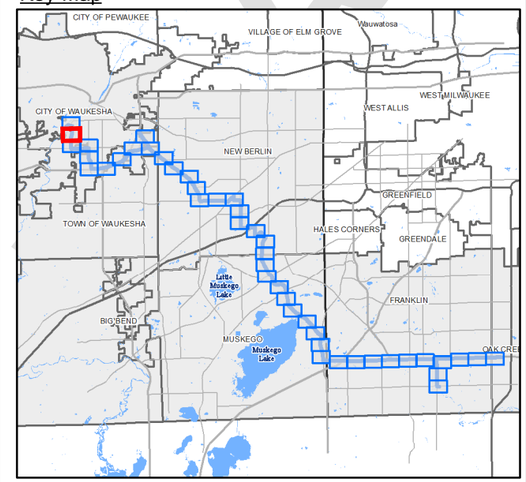

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Route Alternative 2 - Panel 35 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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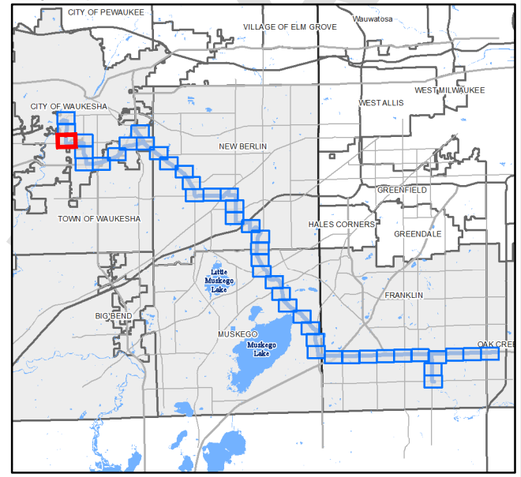

1" = 300'
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Great Lakes Water Supply Program

Route Alternative 2 - Panel 36 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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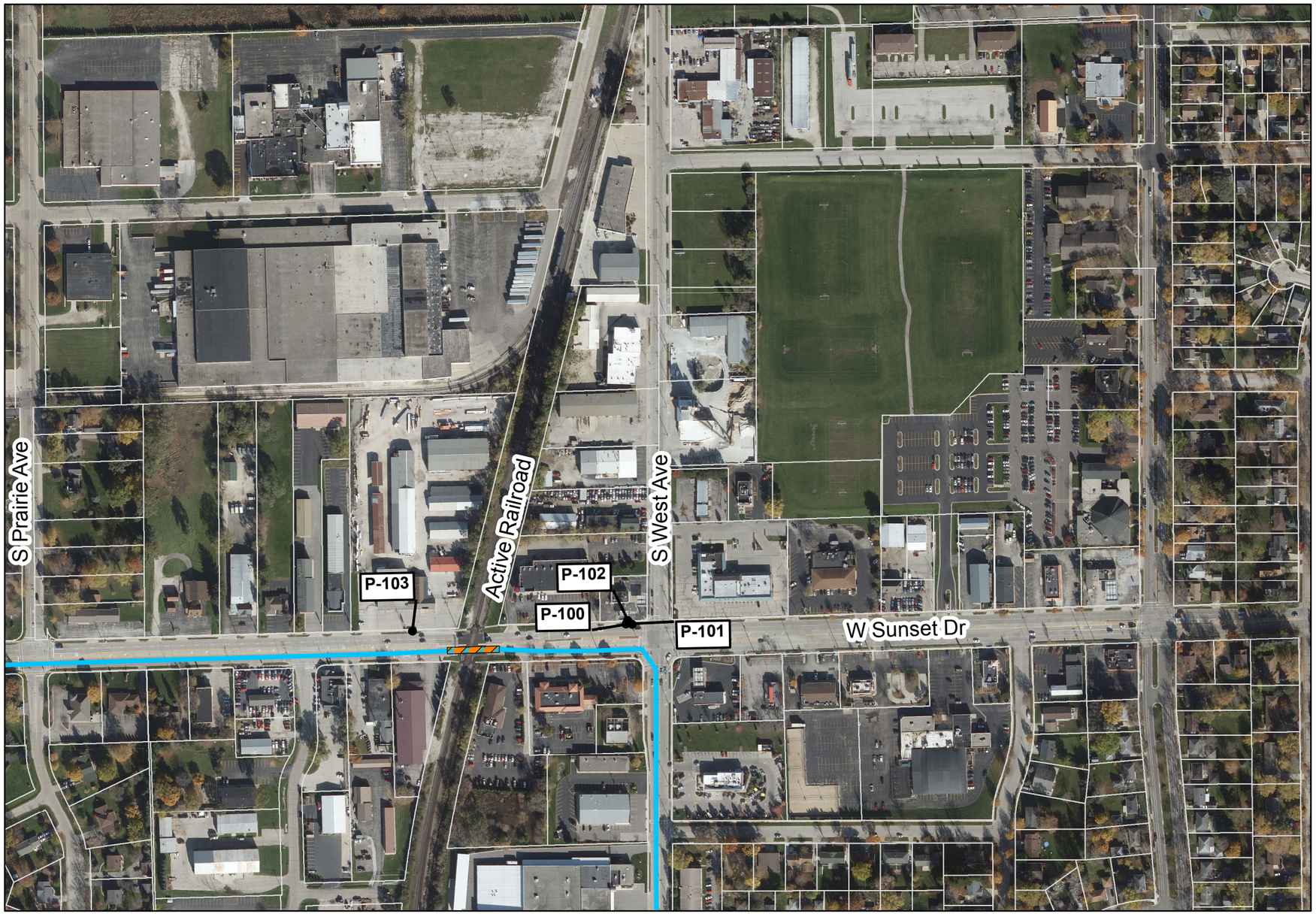

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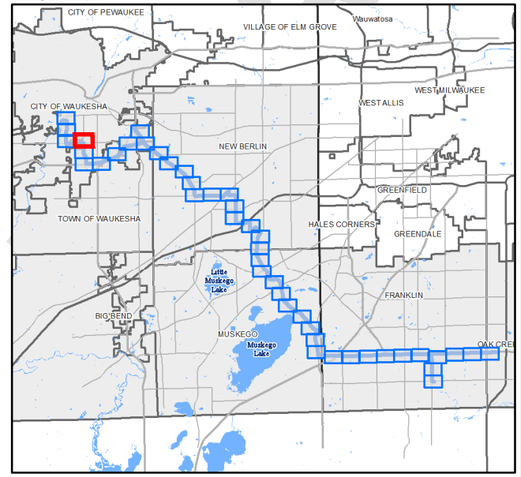

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 37 of 44

Date: 5/29/2018

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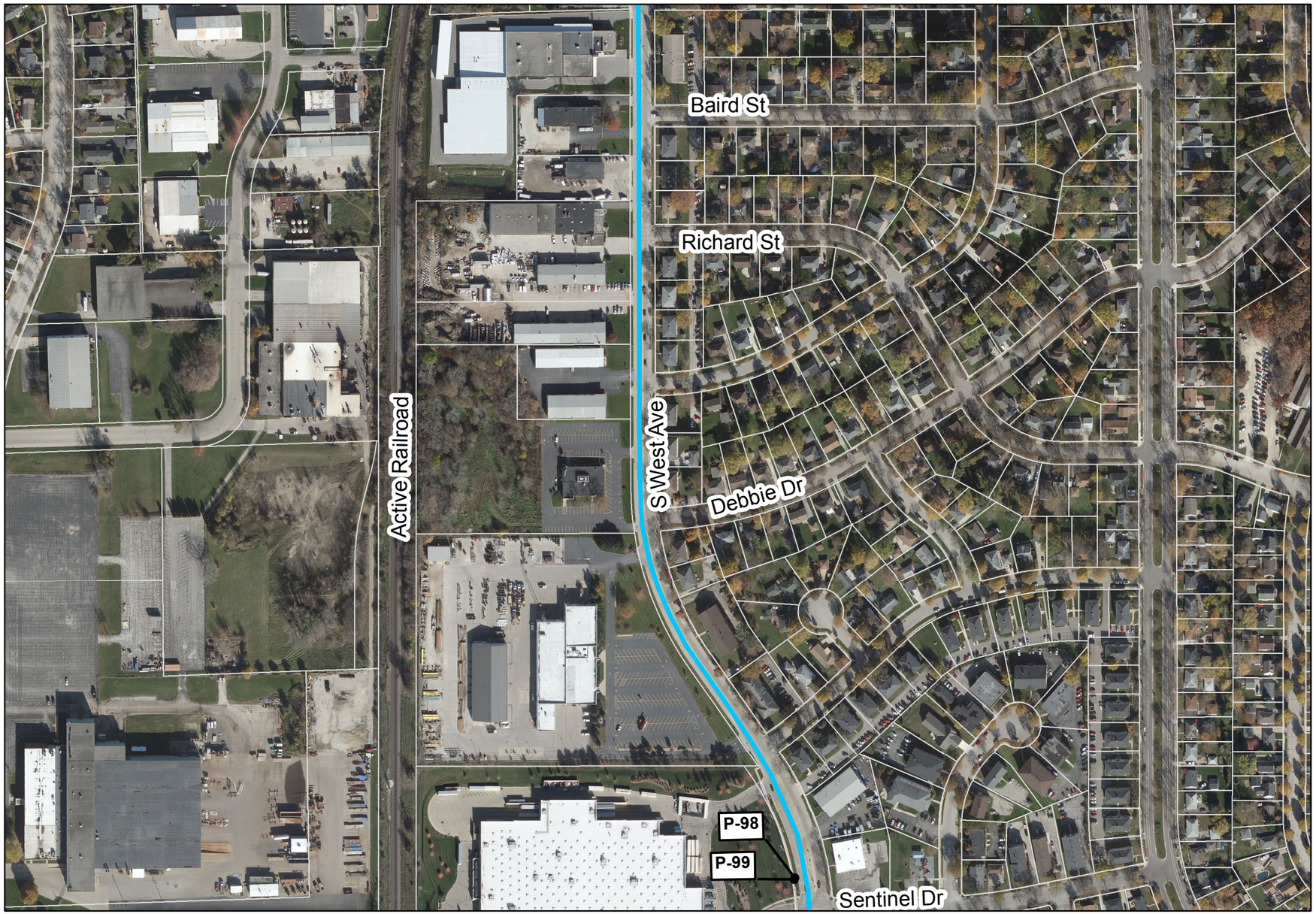
Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd



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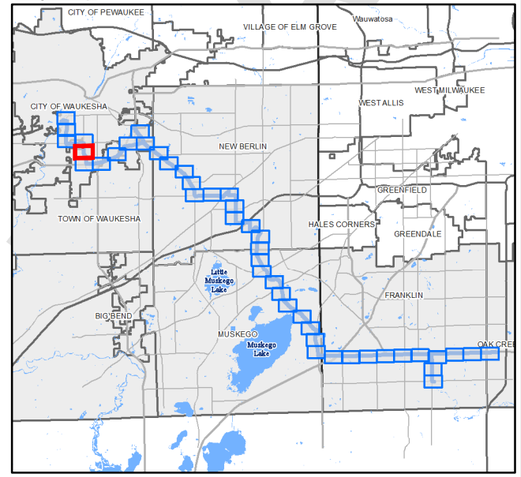

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 38 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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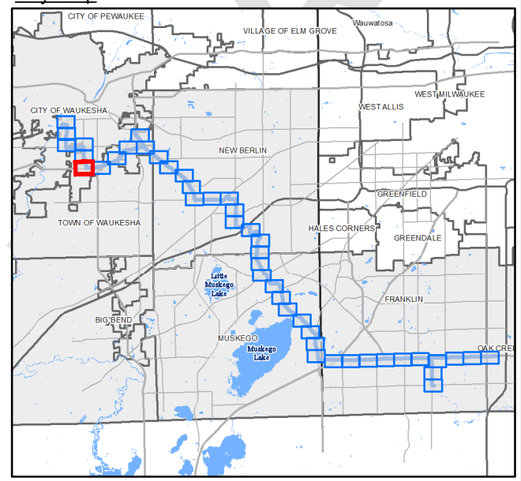

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Great Lakes Water Supply Program

Route Alternative 2 - Panel 39 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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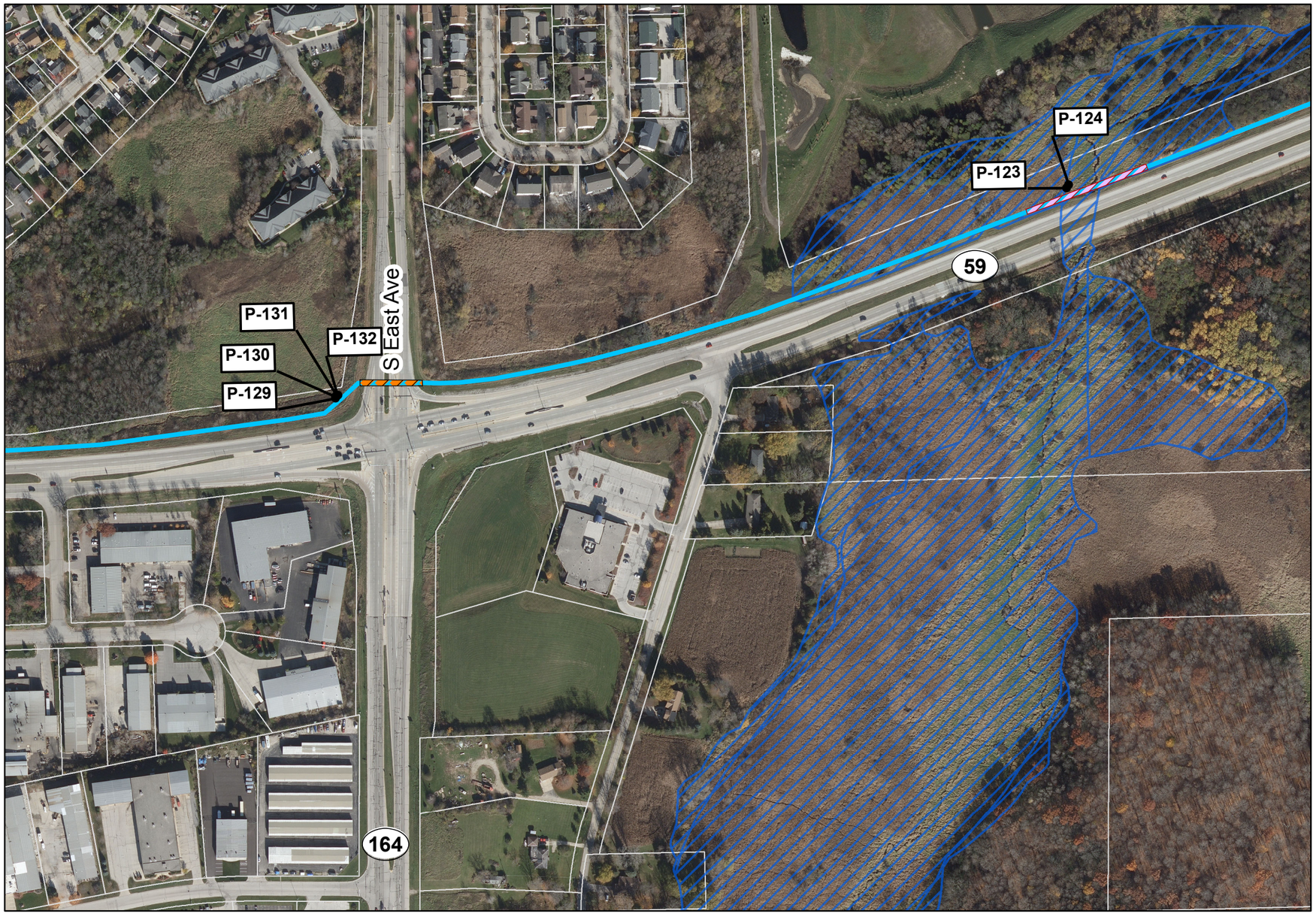

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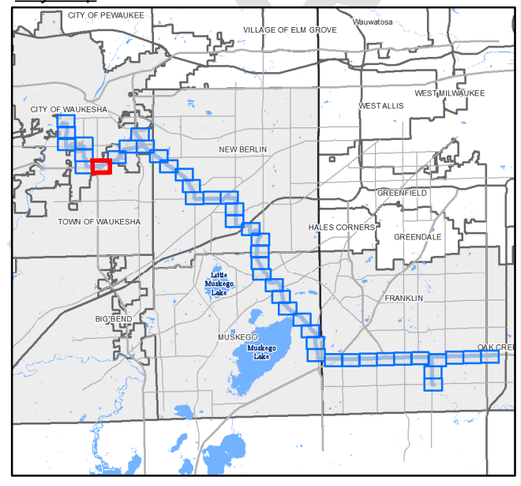

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Route Alternative 2 - Panel 40 of 44

Date: 5/29/2018

Plotted: 5/29/2018
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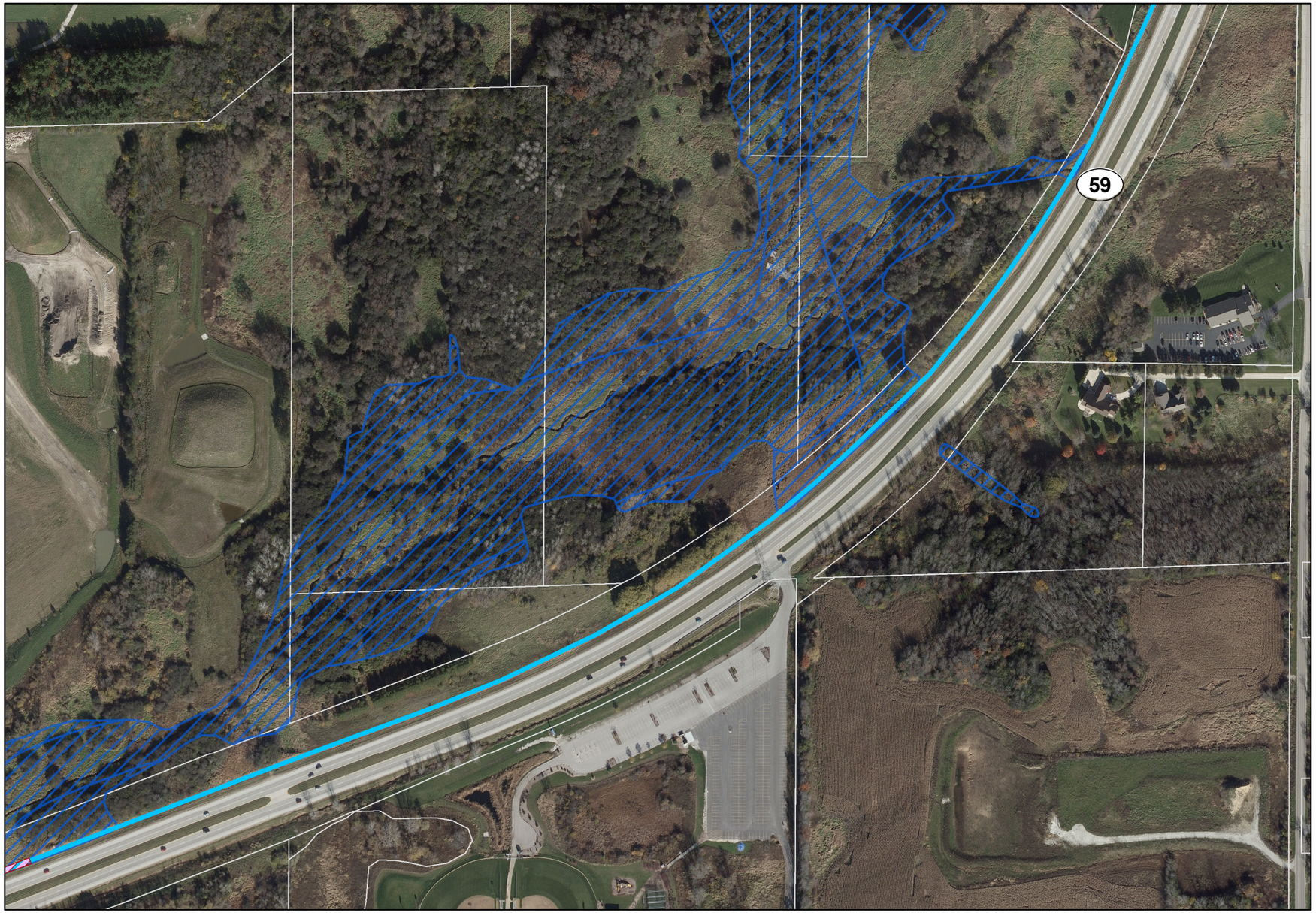

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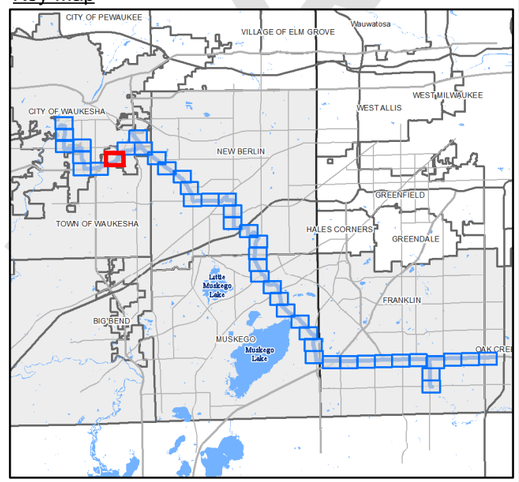

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Route Alternative 2 - Panel 41 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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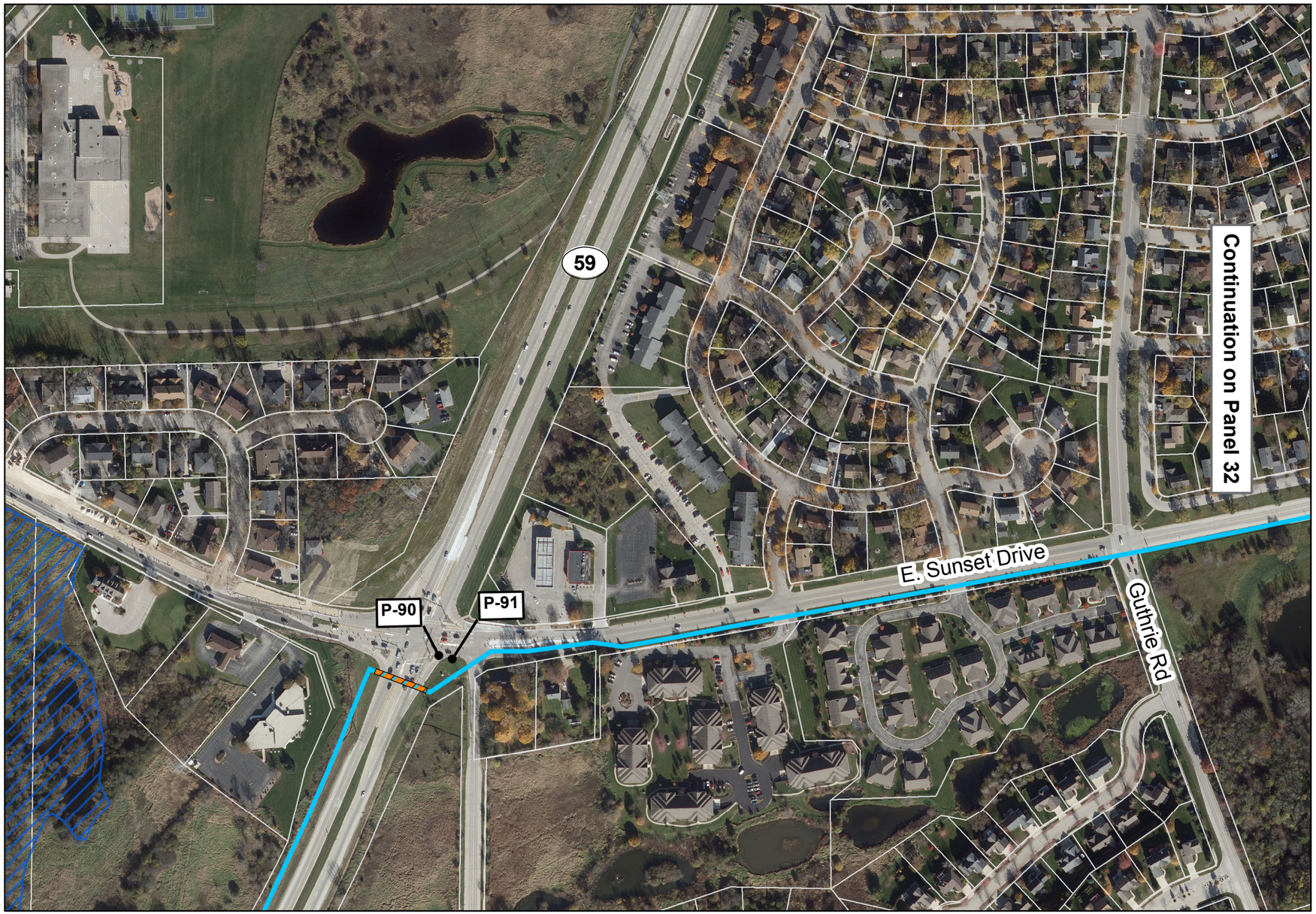

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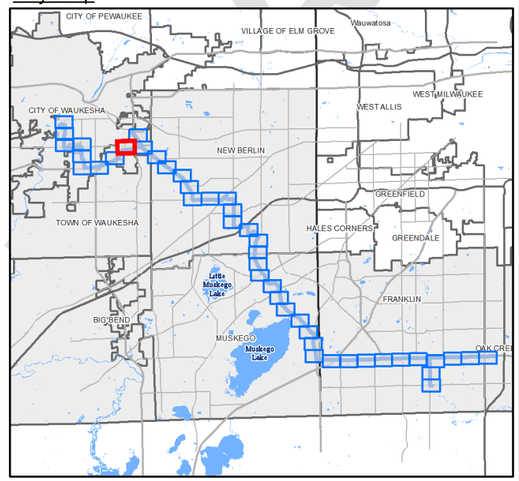

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GREELEY AND HANSEN
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Waukesha, Wisconsin 53186

Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 2 - Panel 42 of 44

Date: 5/29/2018

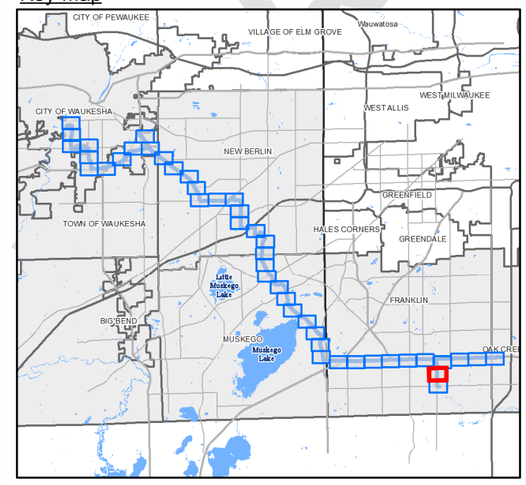
Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

DRAFT

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
- Easement Required (50 ft wide)
- Temporary Easement Required (15 ft wide)
- Route Alternative 2 - Water Supply Pipeline
- Route Alternative 2 - Return Flow Pipeline
- Route Alternative 2 - Common Corridor
- P-# Photo ID from Field Investigation See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin 53186

Waukesha, Wisconsin
Great Lakes Water Supply Program
Route Alternative 2 - Panel 43 of 44
Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

DRAFT

Legend

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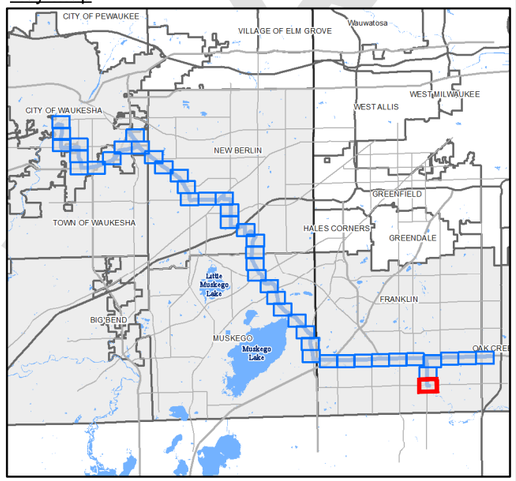

1" = 300'

0 150 300 600 feet

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Waukesha, Wisconsin
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Route Alternative 2 - Panel 44 of 44

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 2\Route 2_Updated_05292018_EIR.mxd

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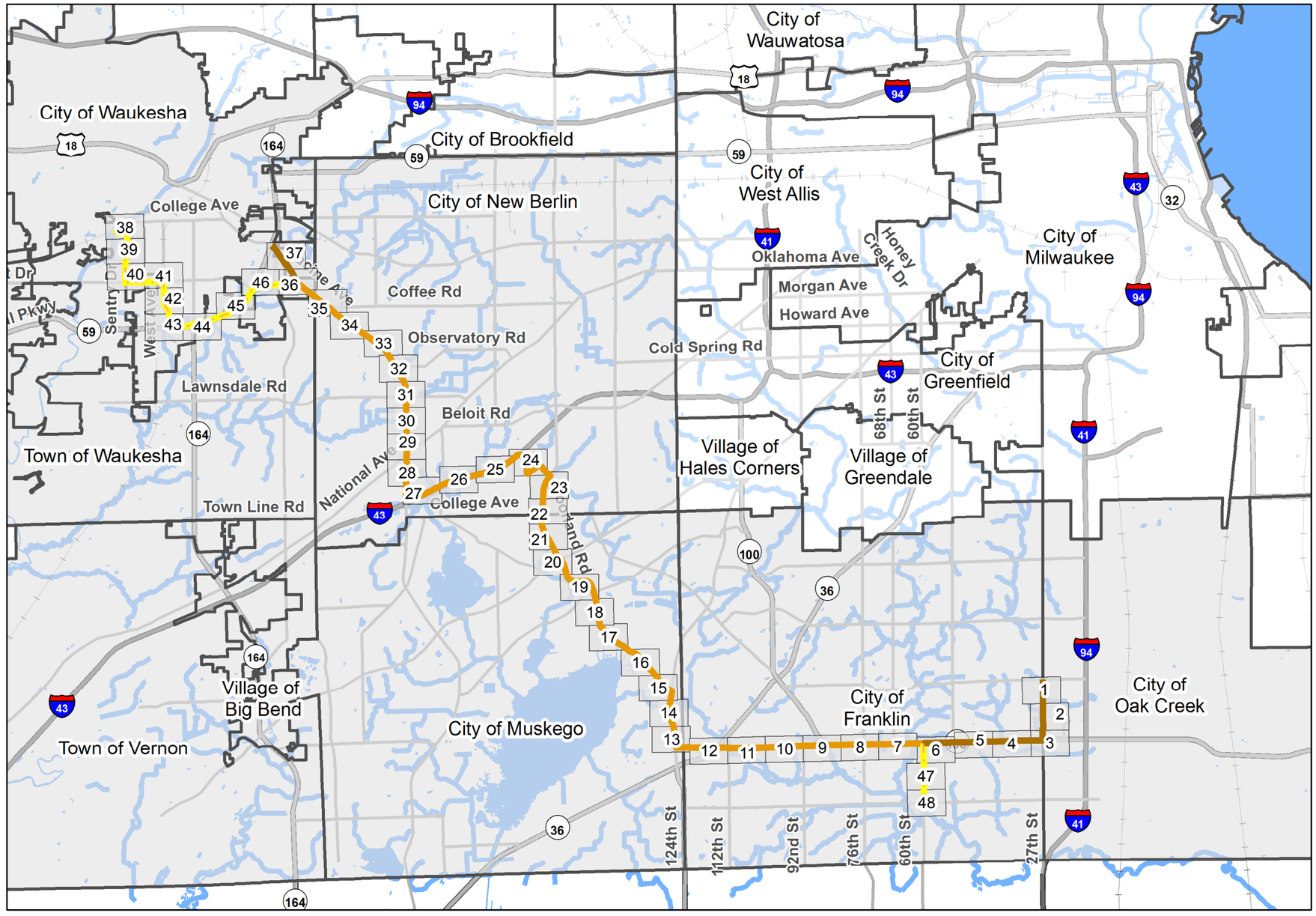

Legend

- Route Alternative 3, Water Supply Pipeline
- Route Alternative 3, Return Flow Pipeline
- Route Alternative 3, Common Corridor
- # Panels, see attachments
- Municipality within Oak Creek Route Study Area

Significant Features

- Interstates
- State Highways
- Local Roads
- Railroads
- Surface Waters

1 " = 10,000 '
0 5,000 10,000 20,000 feet

DRAFT

Plotted: 5/18/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Key Map_Updated_05172018_EIR.mxd

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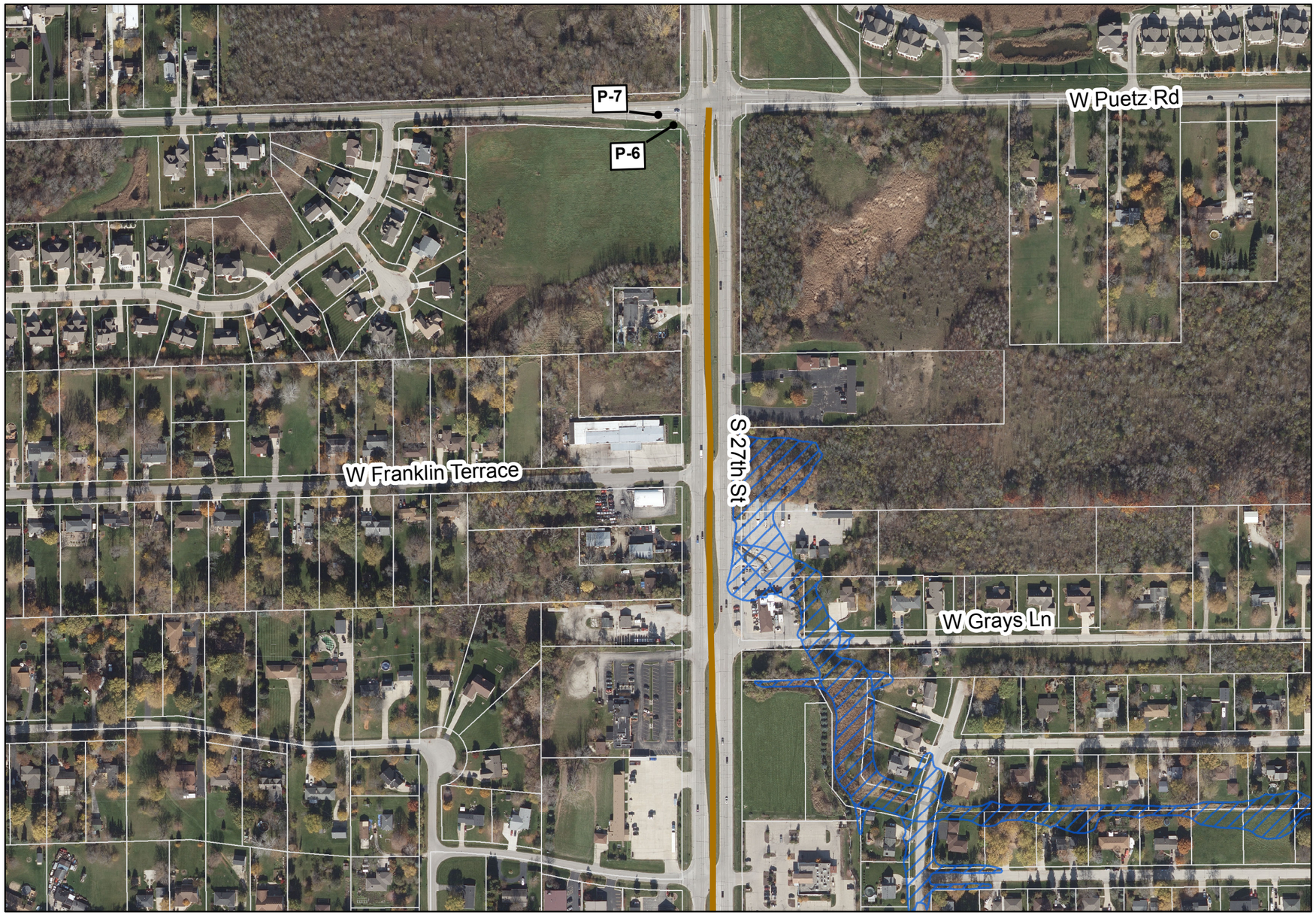
Waukesha, Wisconsin
Great Lakes Water Supply Program
Route Alternative 3
Panel Map
Date: 5/18/2018



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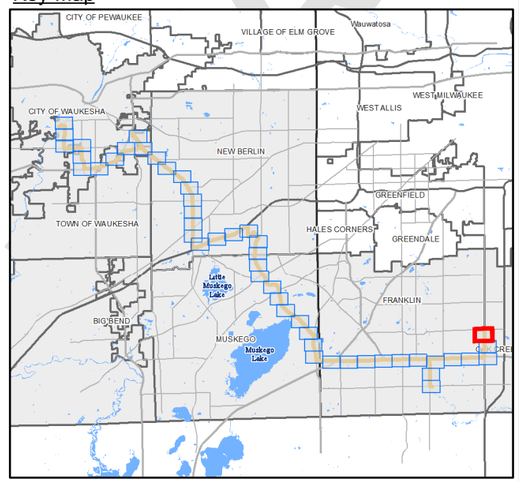
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'
0 150 300 600 feet

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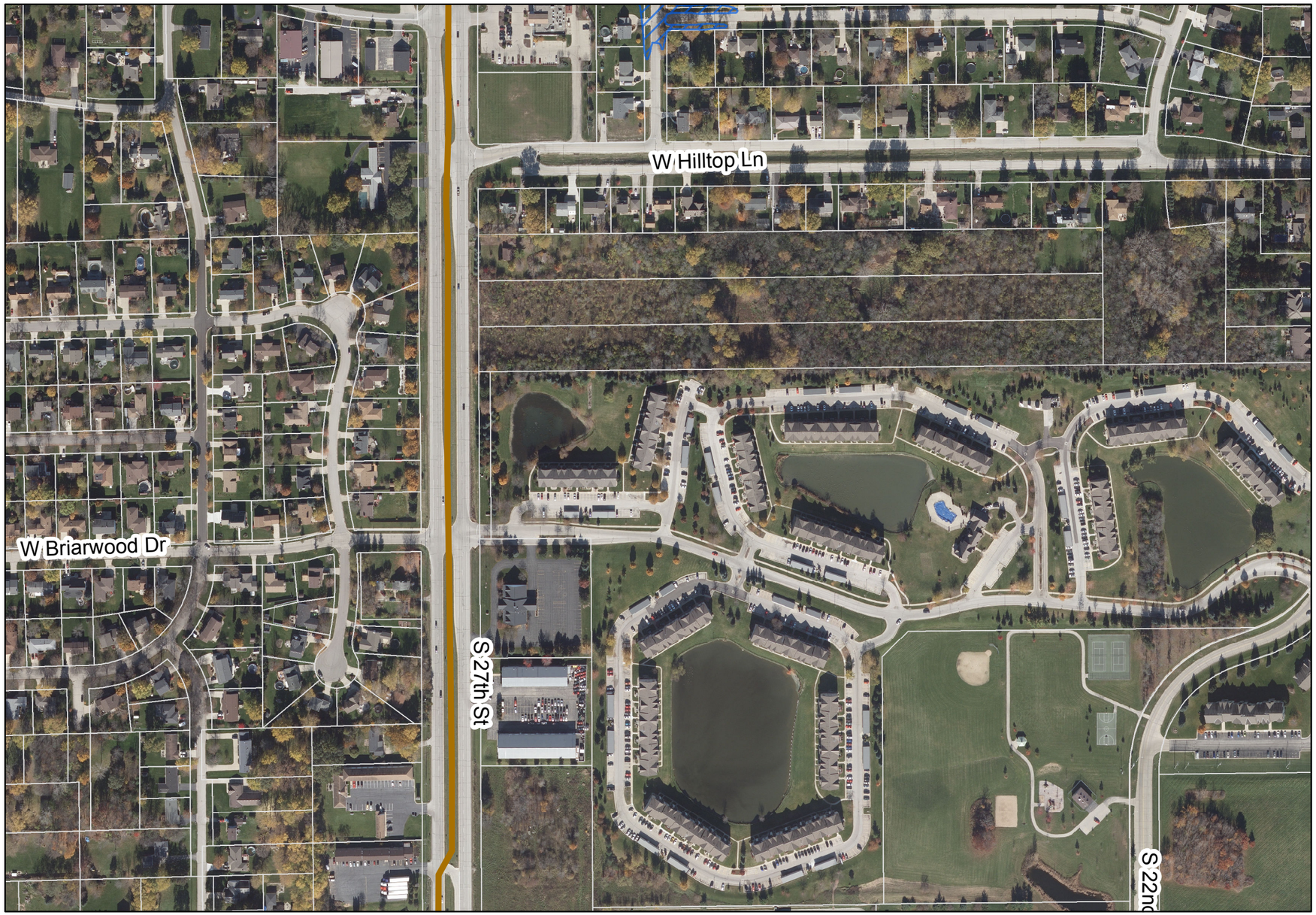
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 1 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



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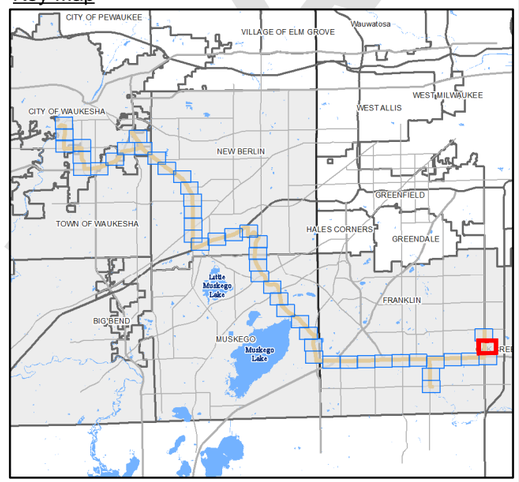

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 2 of 48

Date: 5/29/2018

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Plotted: 5/29/2018
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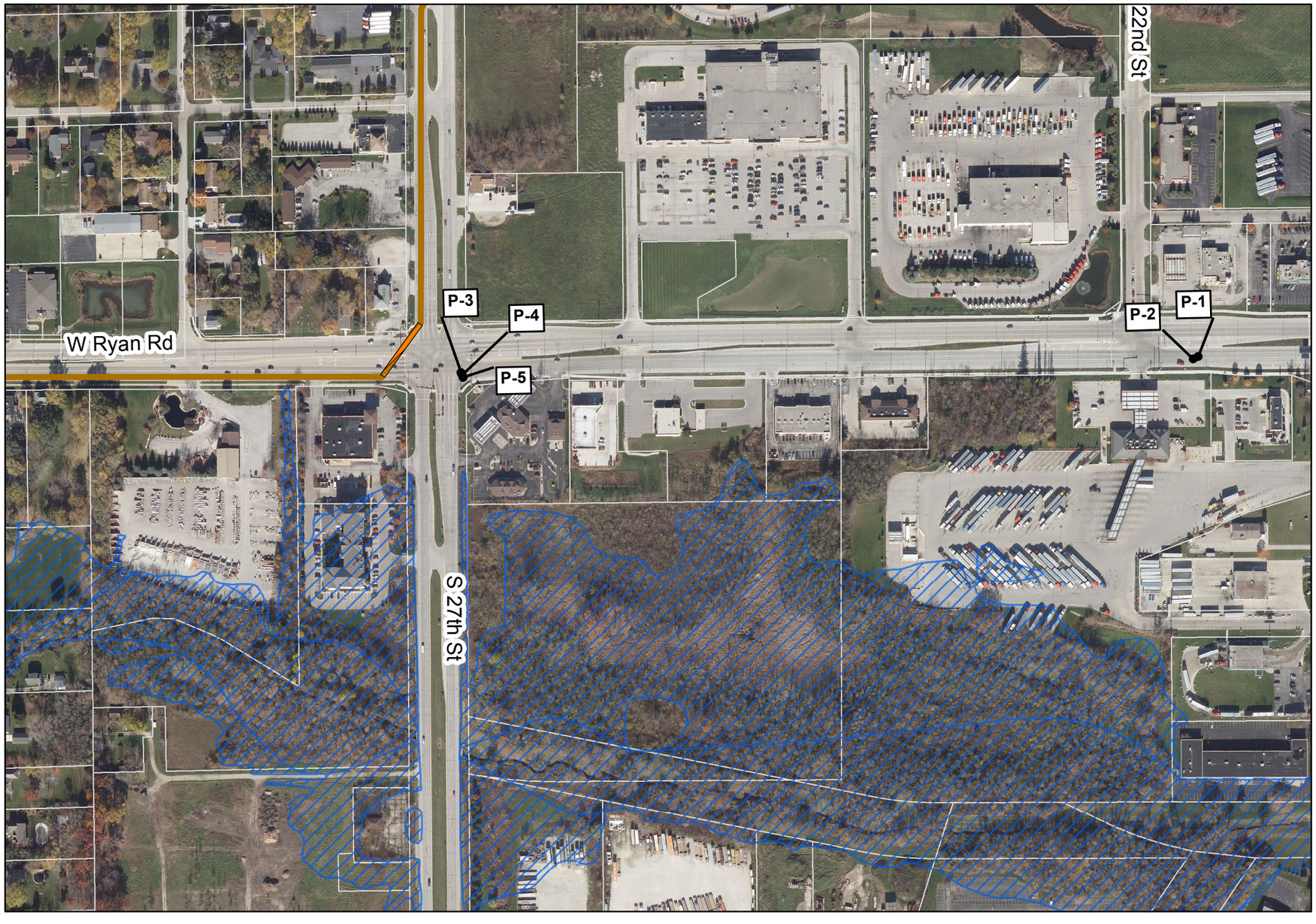

Legend

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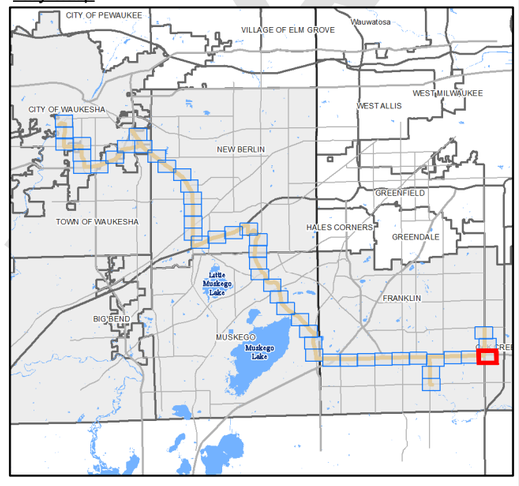

1" = 300'
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Route Alternative 3 - Panel 3 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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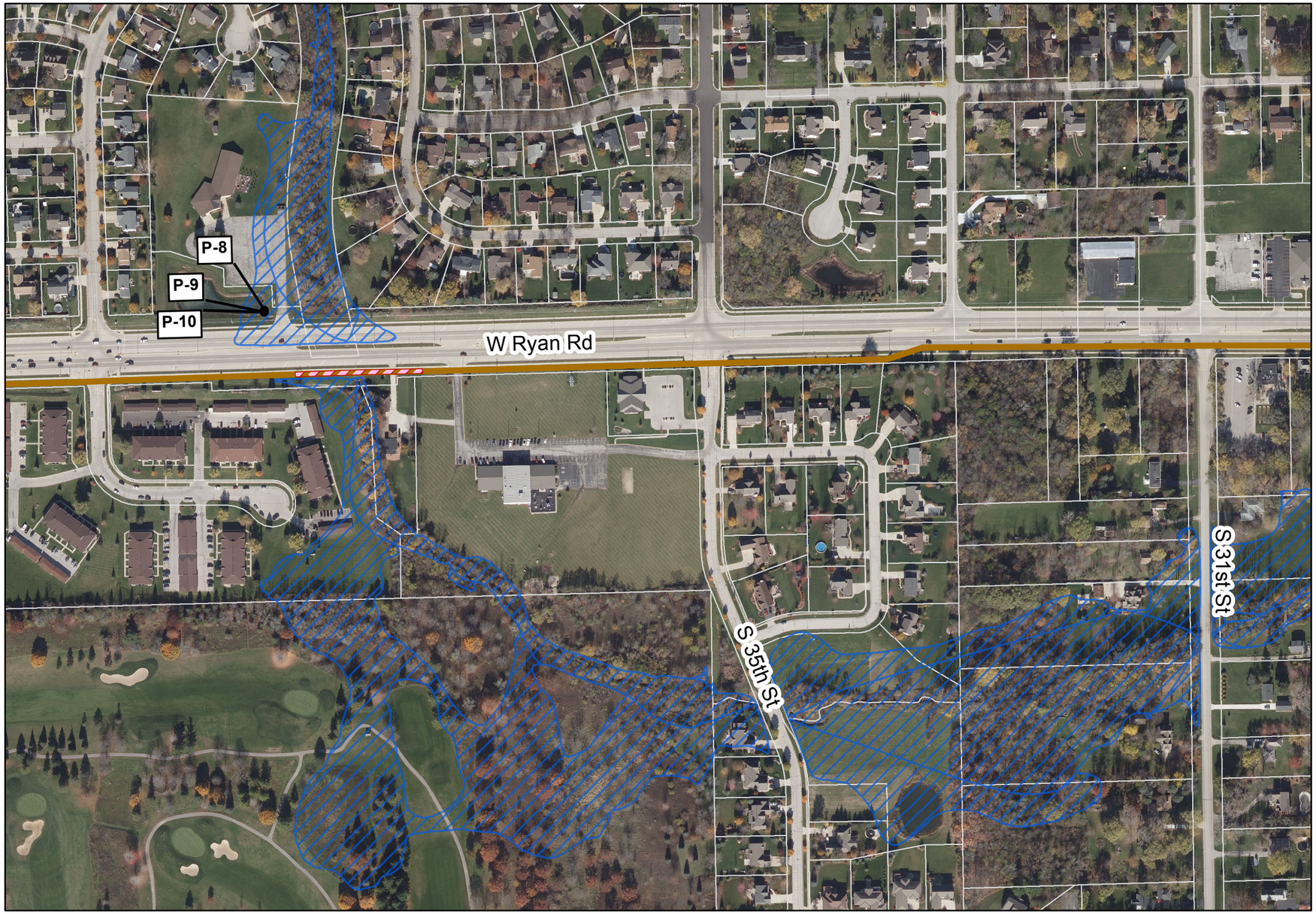

Legend

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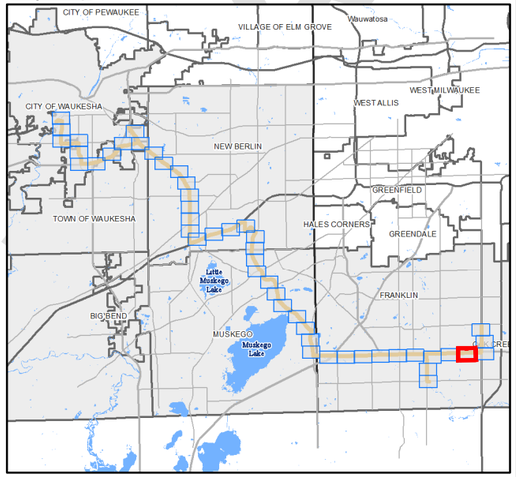

1" = 300'
0 150 300 600 feet

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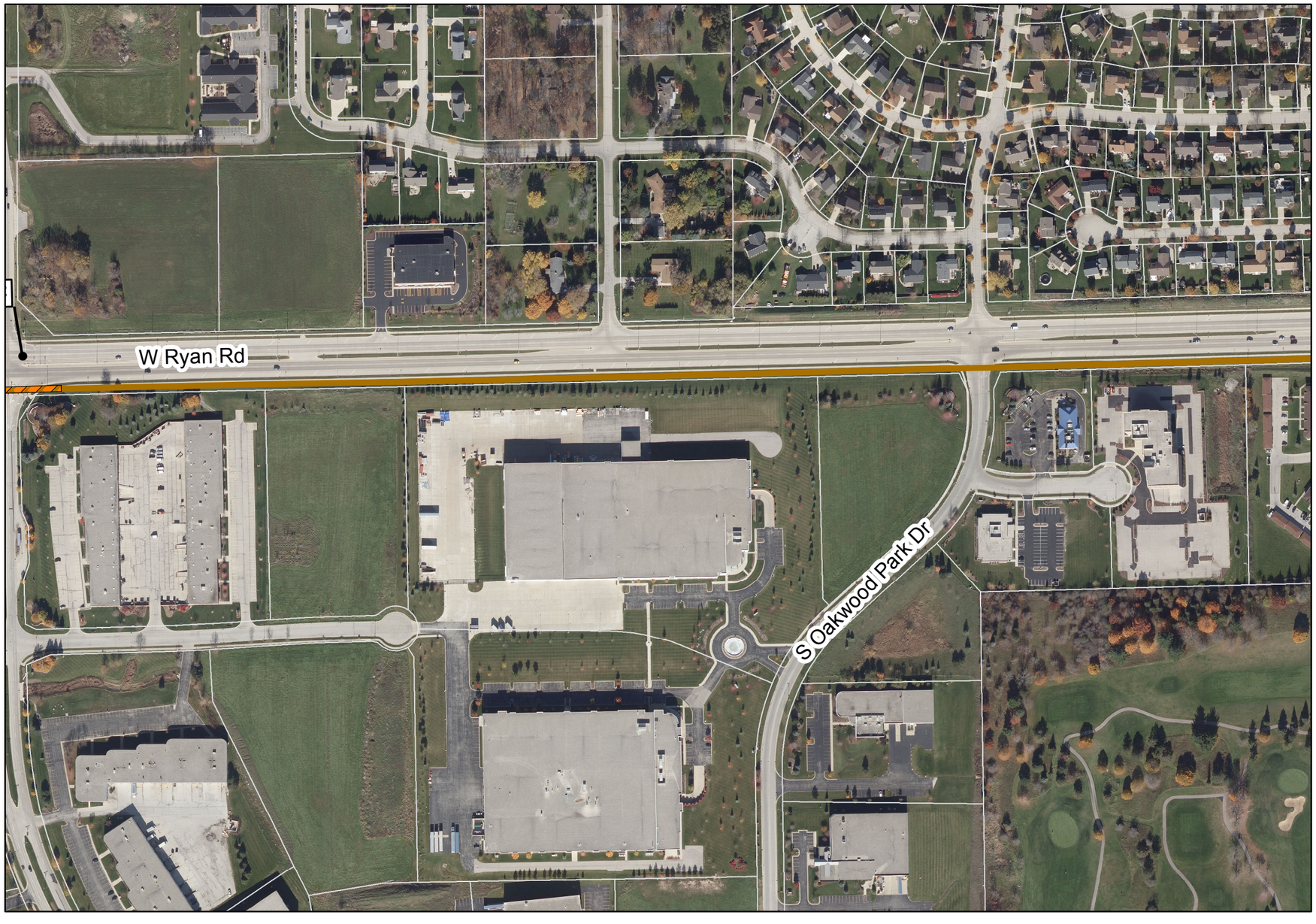
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 4 of 48

Date: 5/29/2018

DRAFT

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

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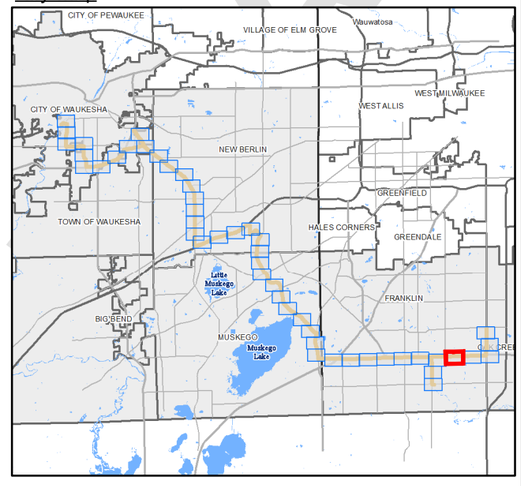
- P-# Photo ID from Field Investigation. See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin 53186

Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 5 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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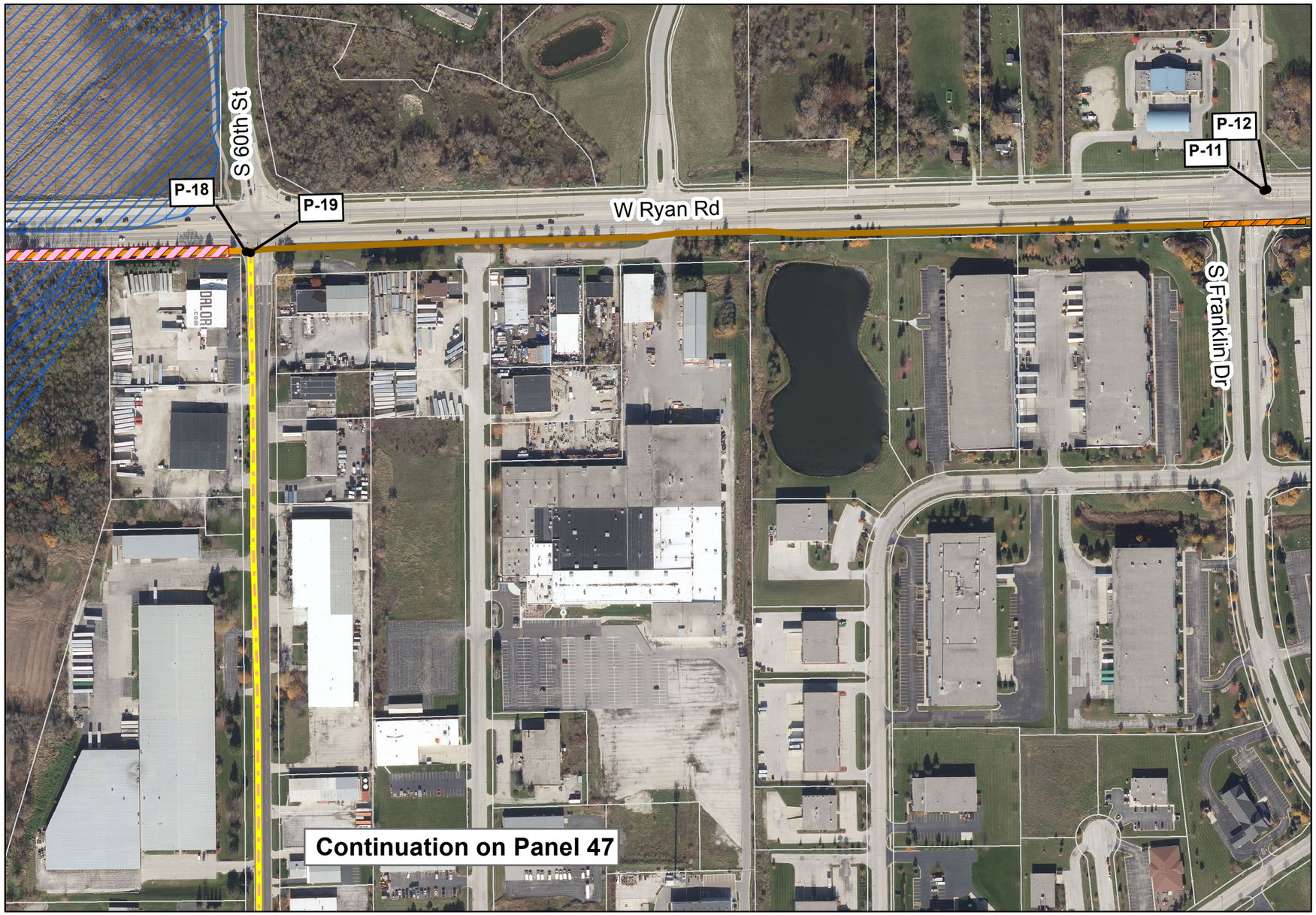

Legend

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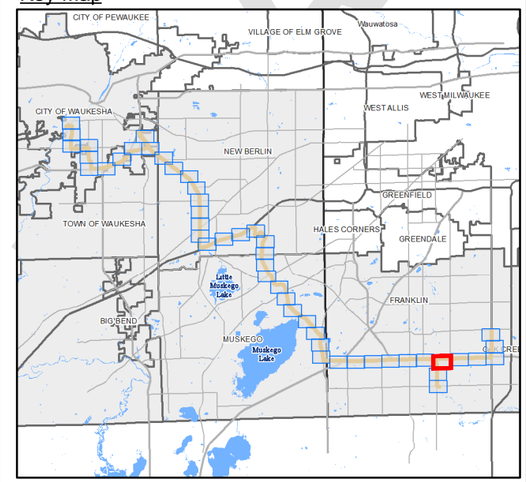

1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 6 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

Legend

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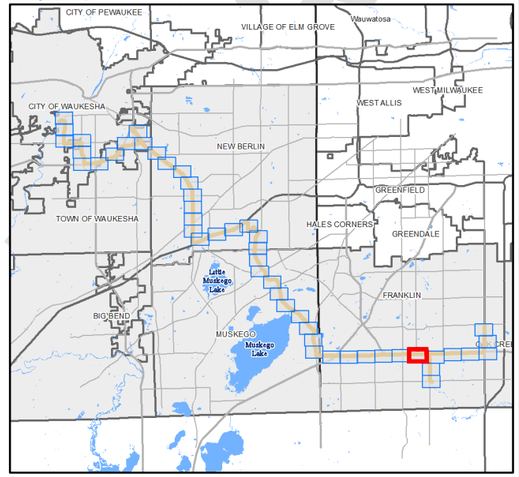

1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 7 of 48

Date: 5/29/2018

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Plotted: 5/29/2018
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Legend

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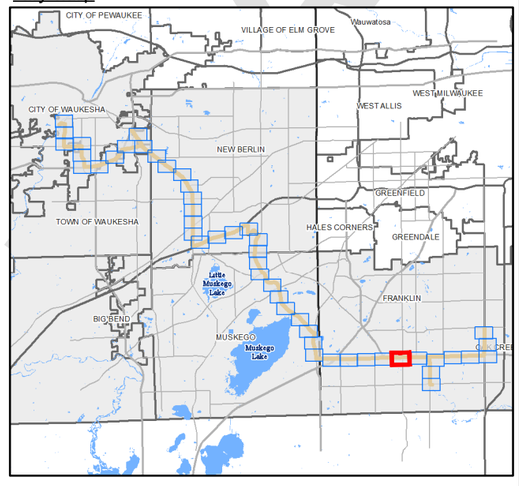

1" = 300'

0 150 300 600 feet

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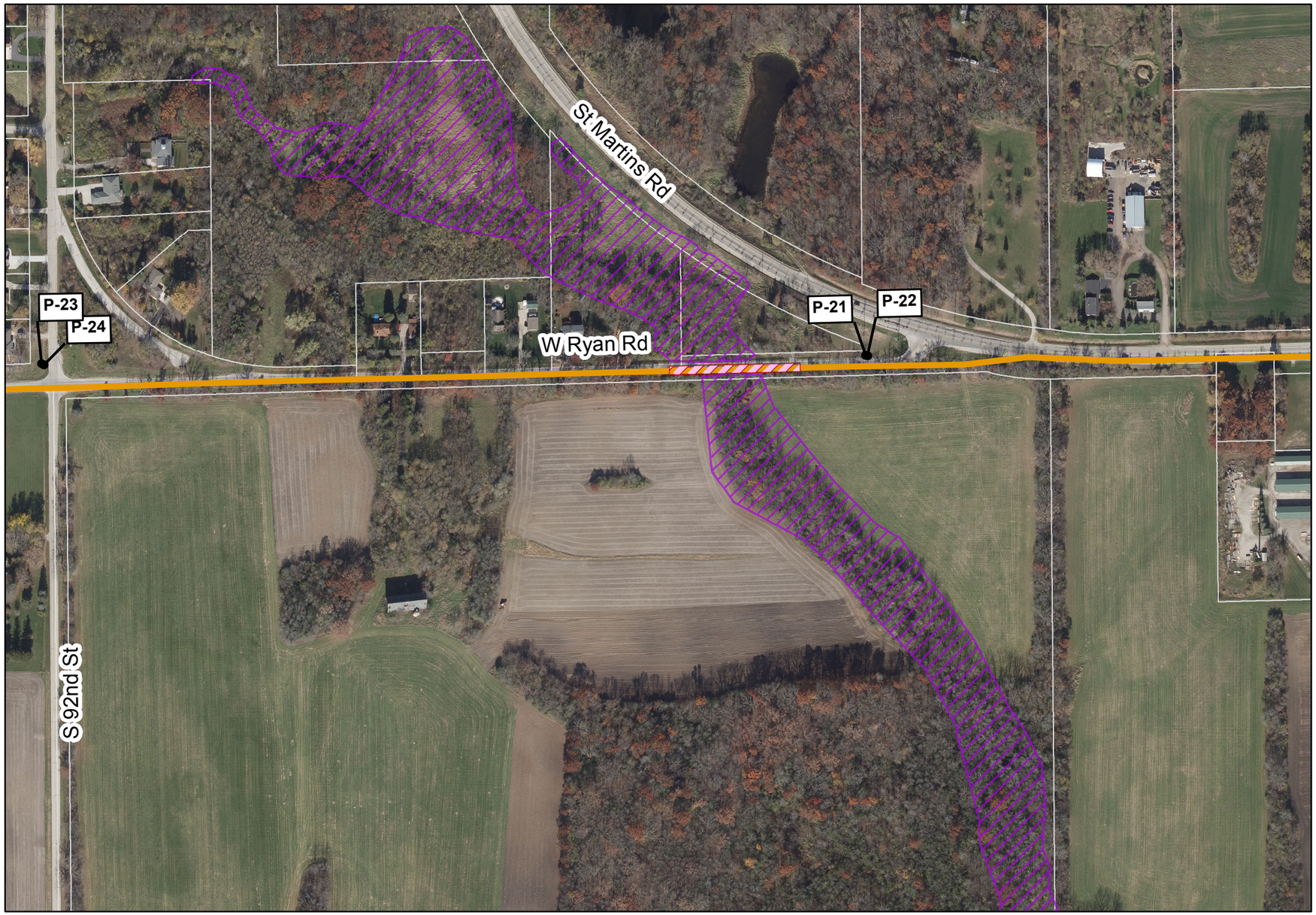
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 8 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



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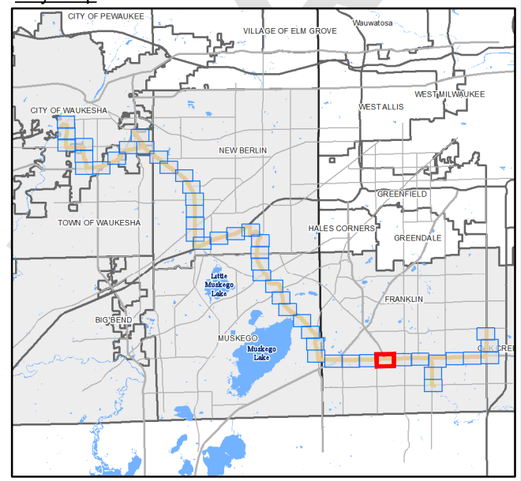
N

Key Map



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Great Lakes Water Supply Program

Route Alternative 3 - Panel 9 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

Legend

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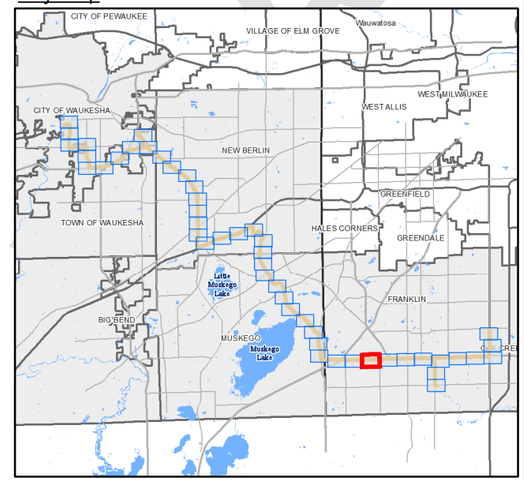

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 10 of 48

Date: 5/29/2018

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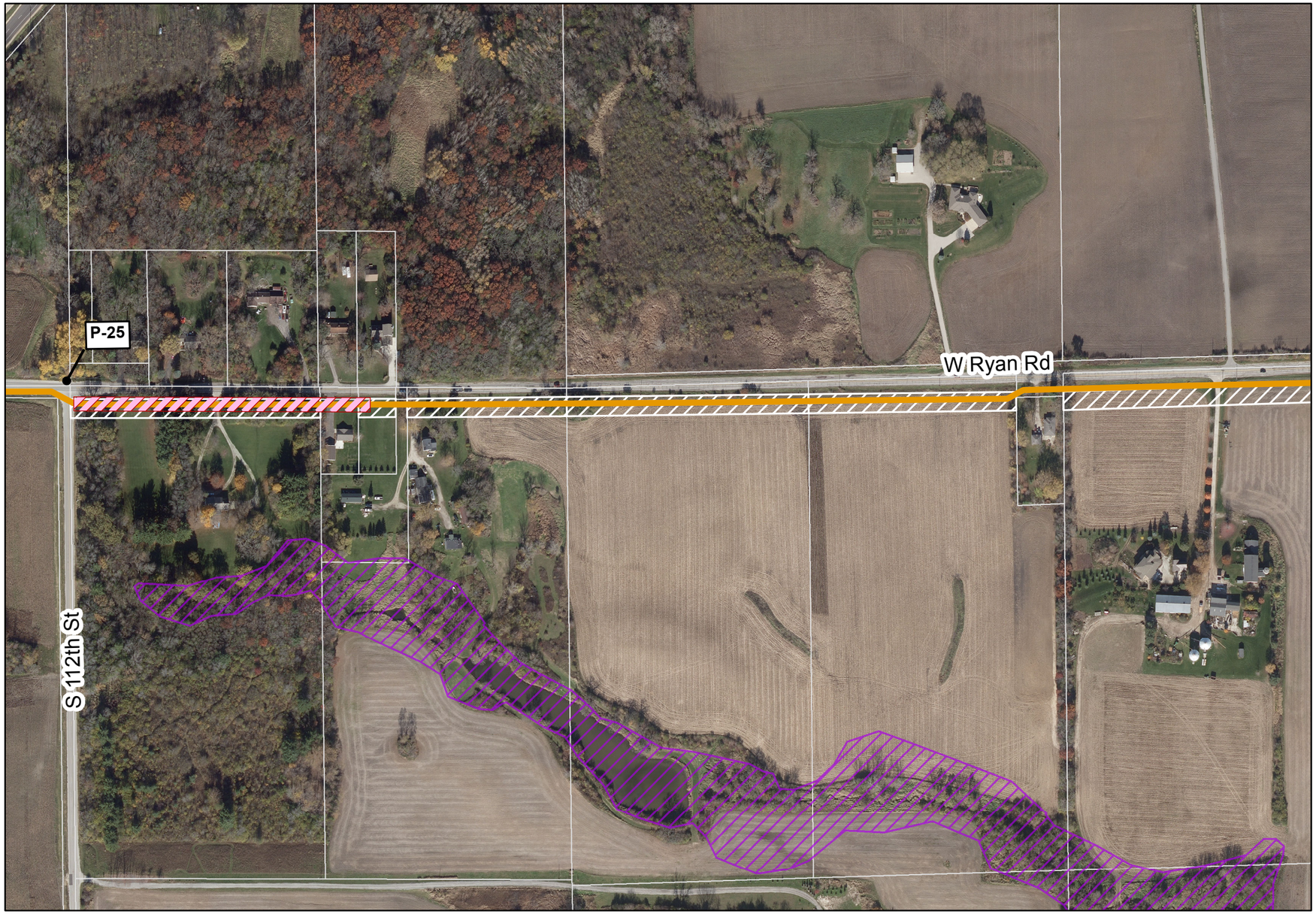
Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



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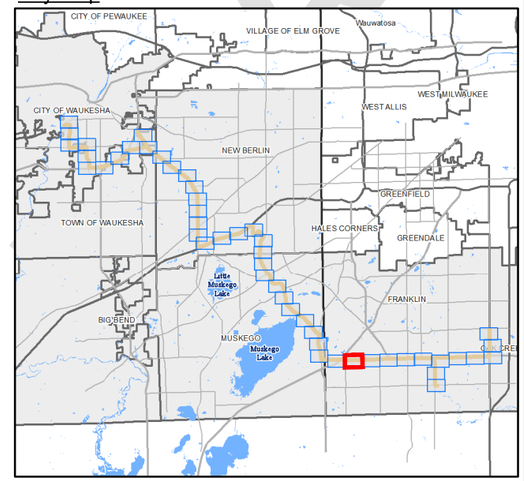

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0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 11 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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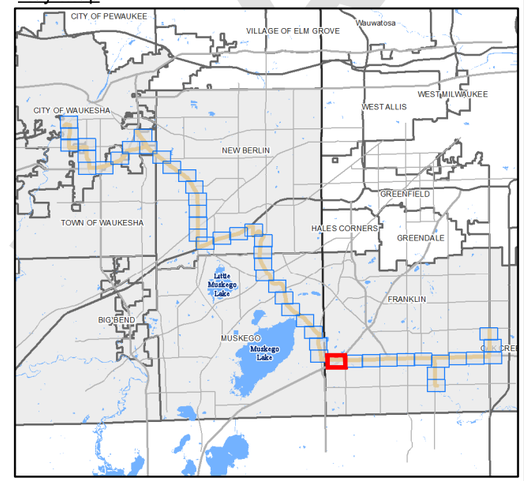
- P-# Photo ID from Field Investigation. See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha Water Utility
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Waukesha, Wisconsin 53186

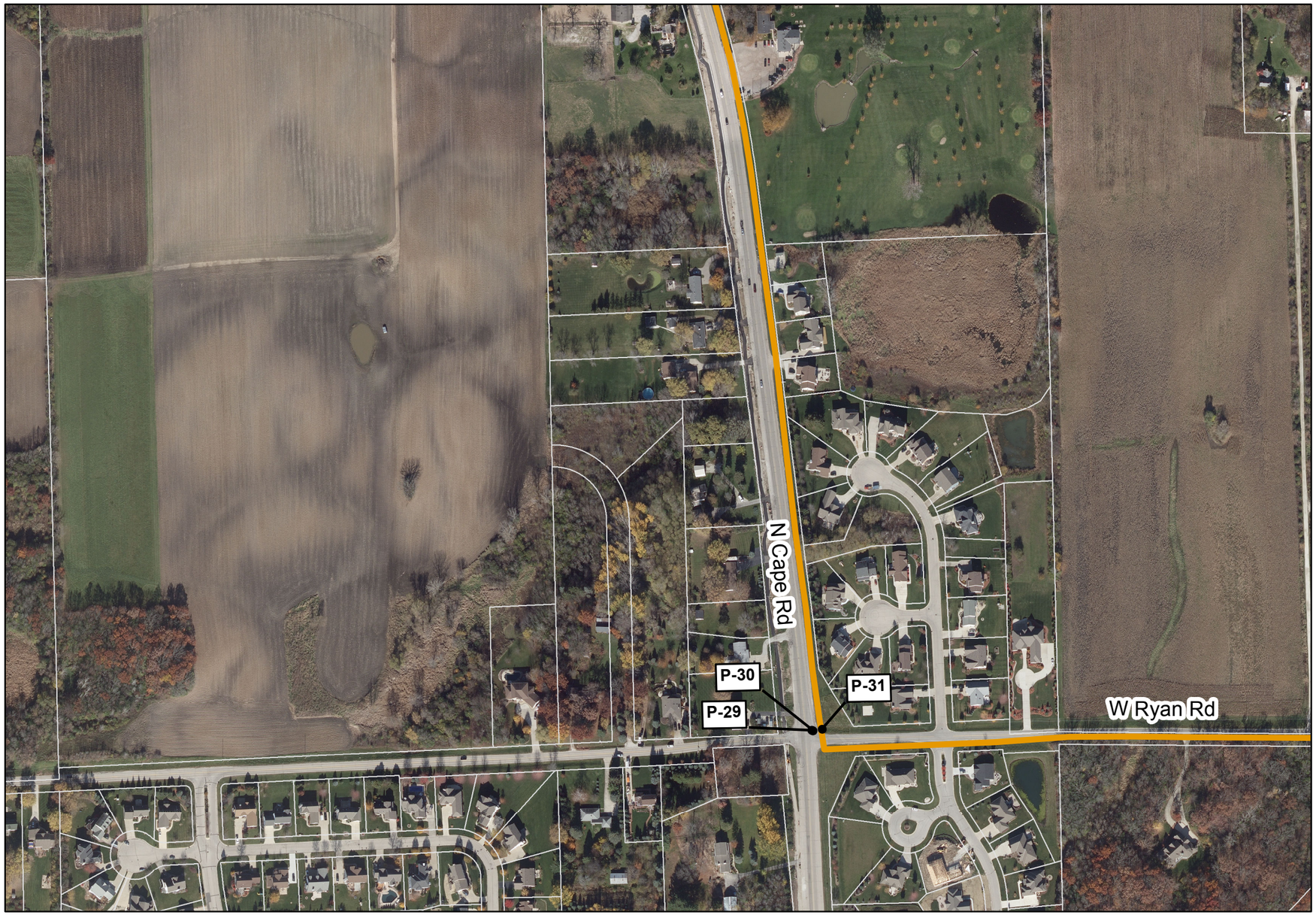
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 12 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

DRAFT

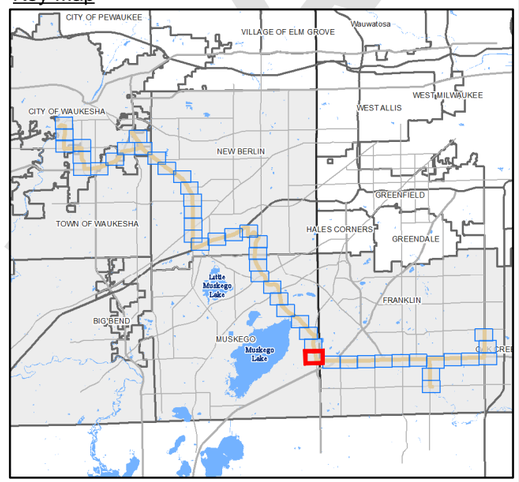


Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
- Easement Required (50 ft wide)
- Temporary Easement Required (15 ft wide)
- Route Alternative 3 - Water Supply Pipeline
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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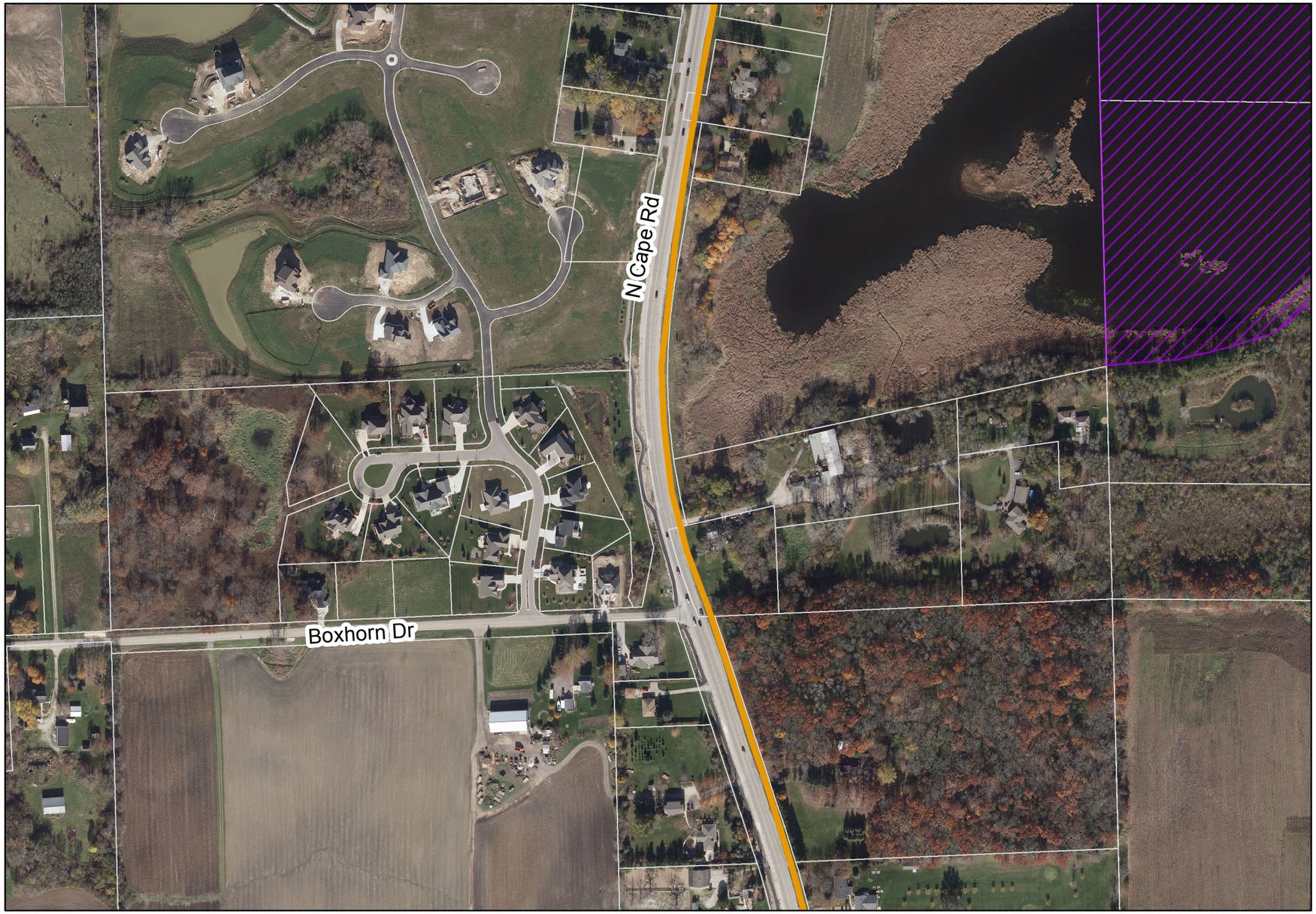
Waukesha, Wisconsin 53186

Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 13 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
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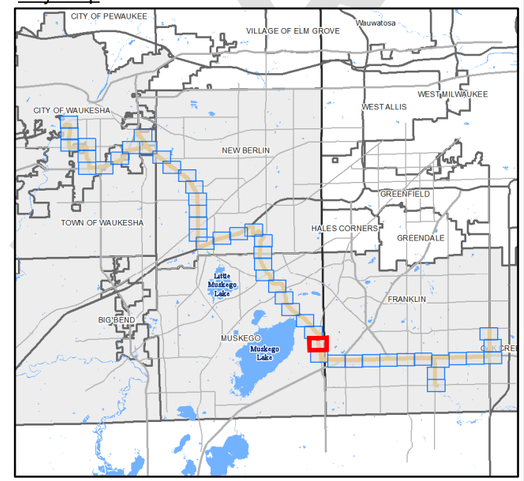
- Route Alternative 3 - Water Supply Pipeline
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 14 of 48

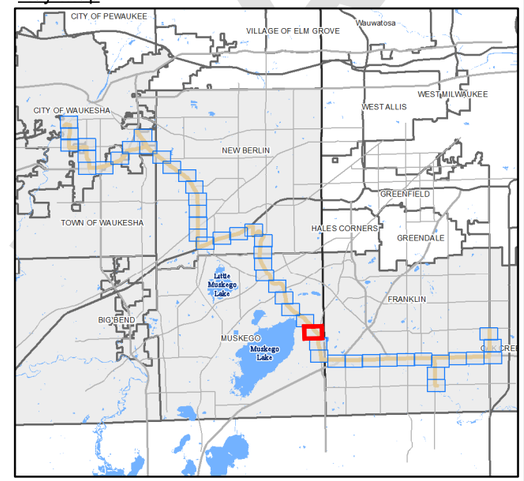
Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
- Easement Required (50 ft wide)
- Temporary Easement Required (15 ft wide)
- Route Alternative 3 - Water Supply Pipeline
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 15 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
- Easement Required (50 ft wide)
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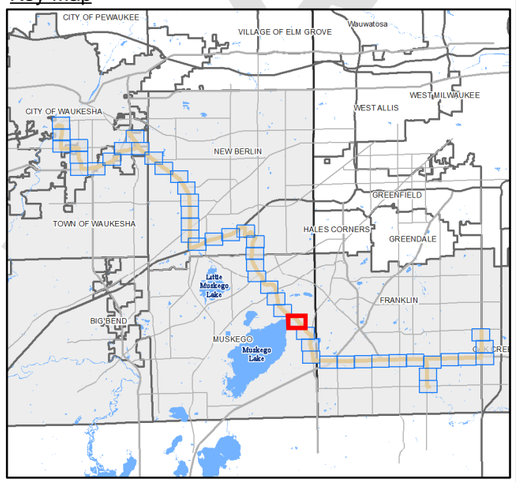
- Route Alternative 3 - Water Supply Pipeline
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation. See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 16 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
- Easement Required (50 ft wide)
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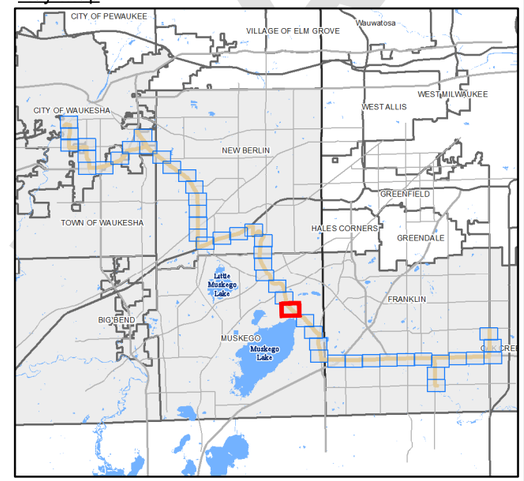
- Route Alternative 3 - Water Supply Pipeline
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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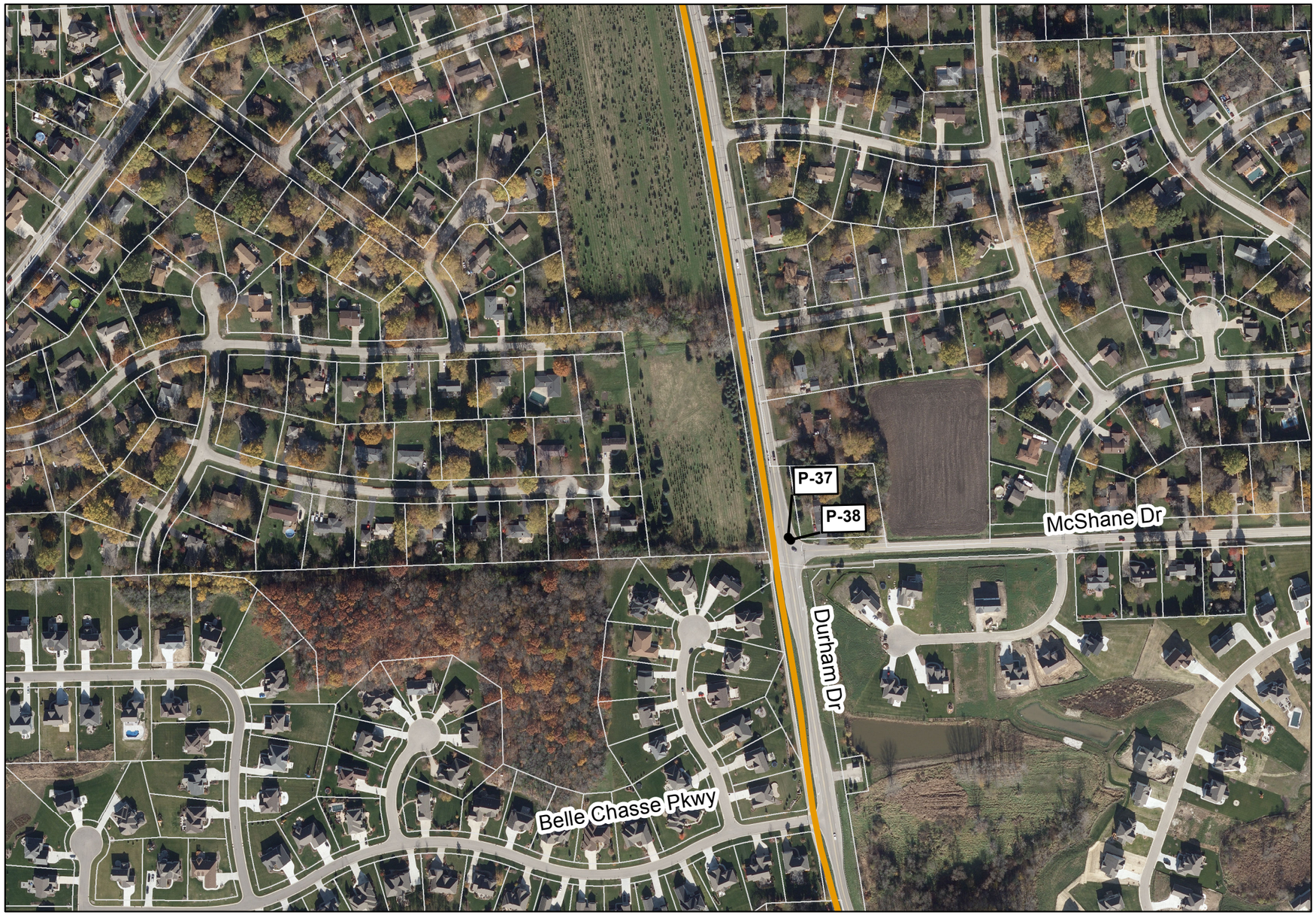
Great Lakes Water Supply Program

Route Alternative 3 - Panel 17 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
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- Wisconsin Wetlands Inventory
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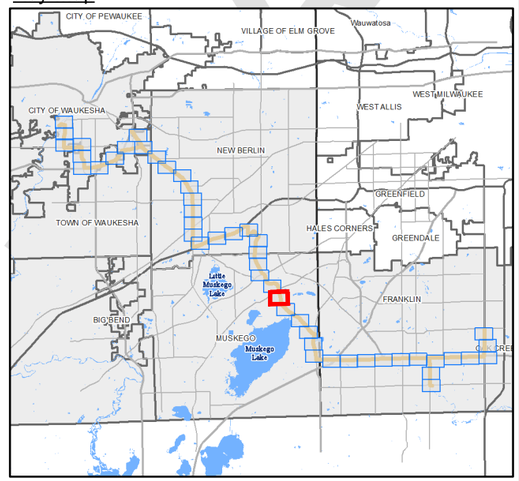
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 18 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

DRAFT

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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- Casing (Jack and Bore Method)
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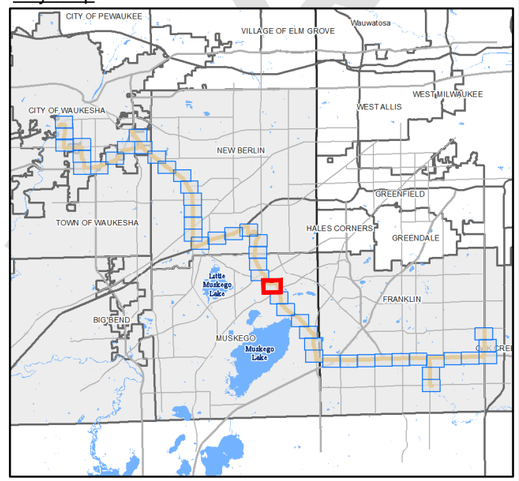
- Route Alternative 3 - Water Supply Pipeline
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 19 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

DRAFT

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
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- Casing (Jack and Bore Method)
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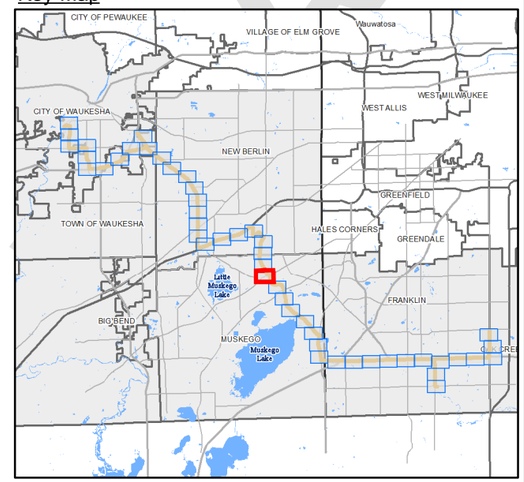
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 20 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
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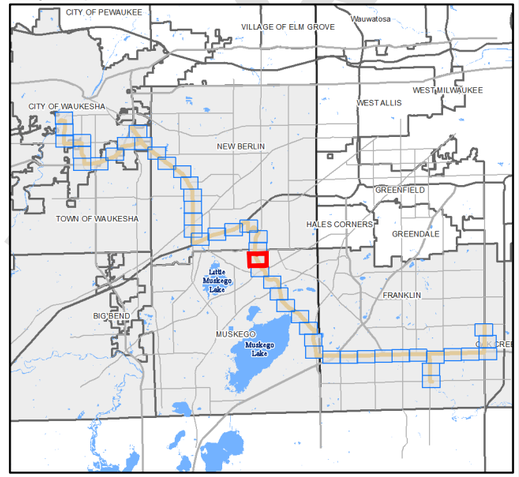
- Temporary Easement Required (15 ft wide)
- Route Alternative 3 - Water Supply Pipeline
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation. See Route Descriptions for photos

Key Map



1" = 300'

0 150 300 600 feet

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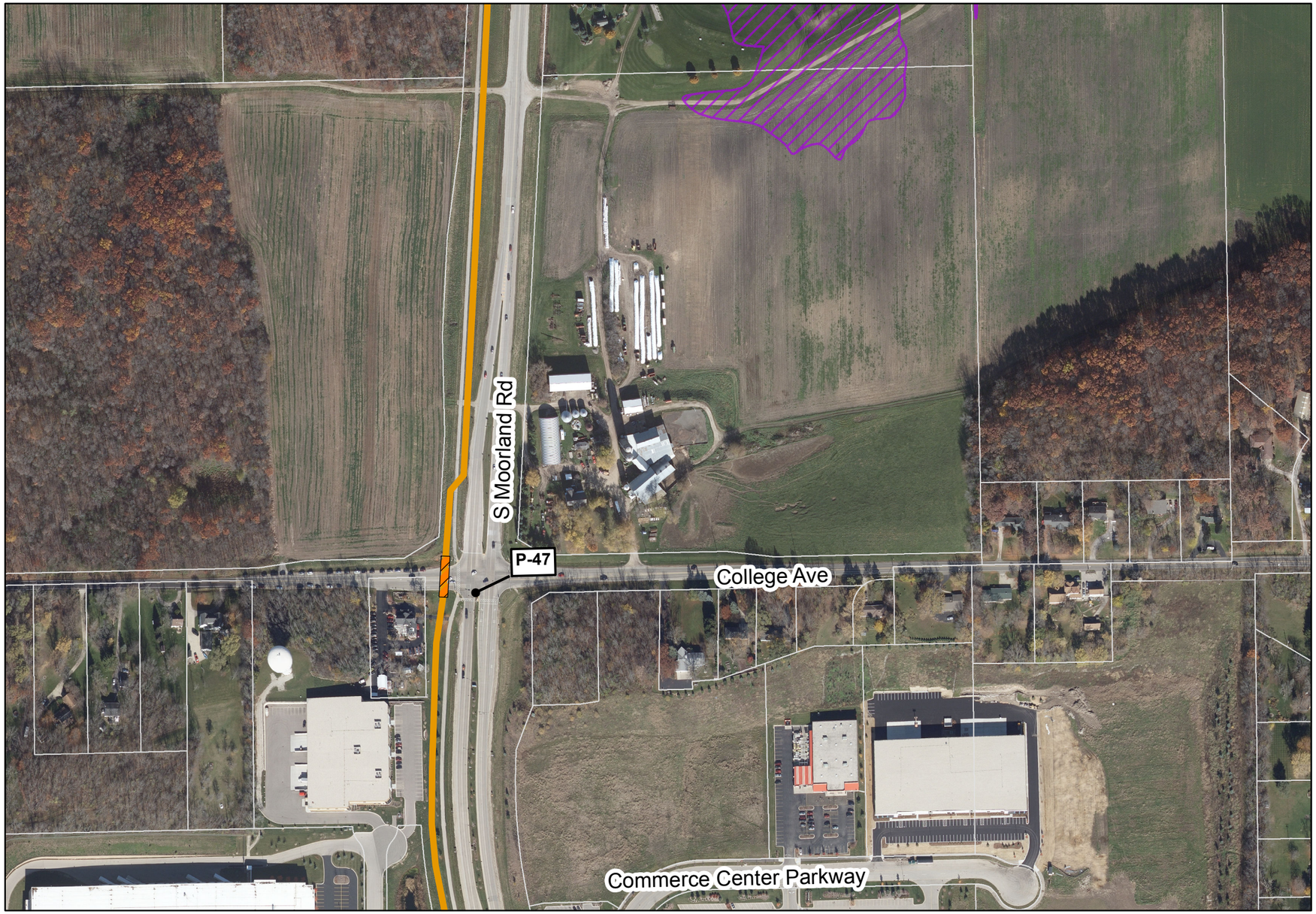
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 21 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
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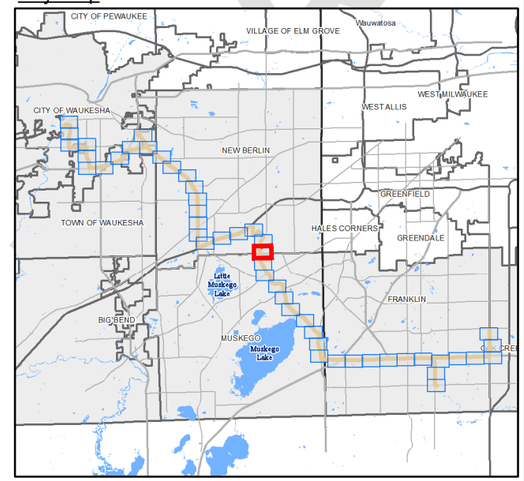
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 22 of 48

Date: 5/29/2018

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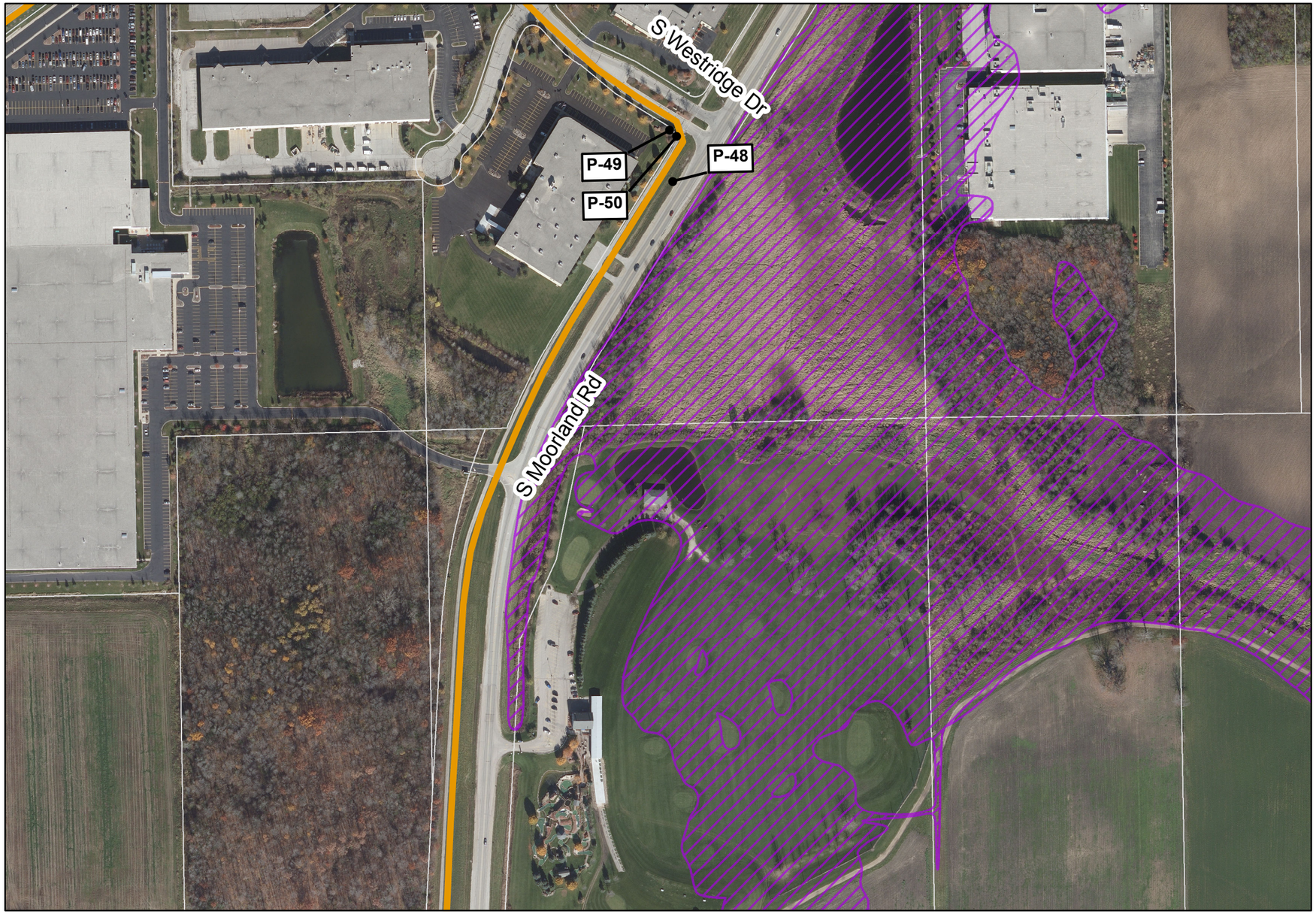
Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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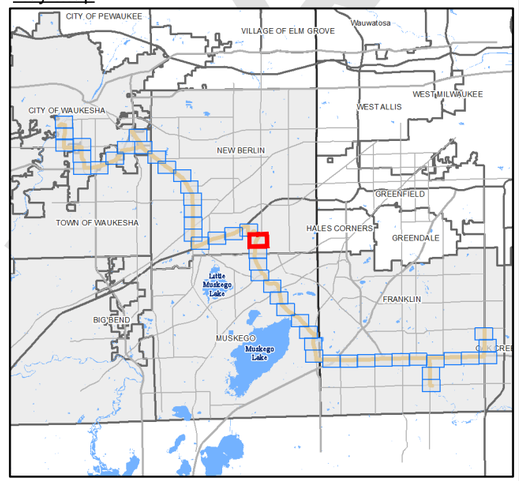
- Route Alternative 3 - Water Supply Pipeline
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 23 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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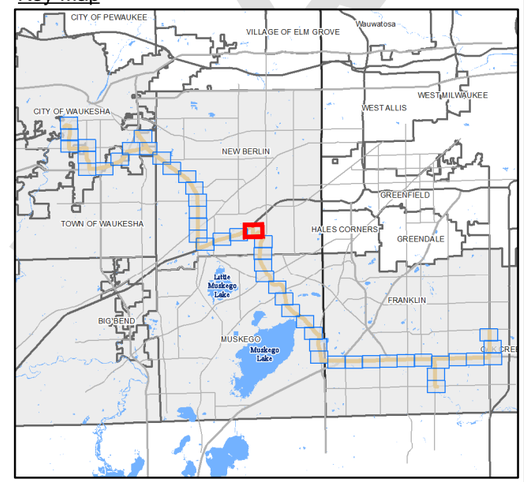
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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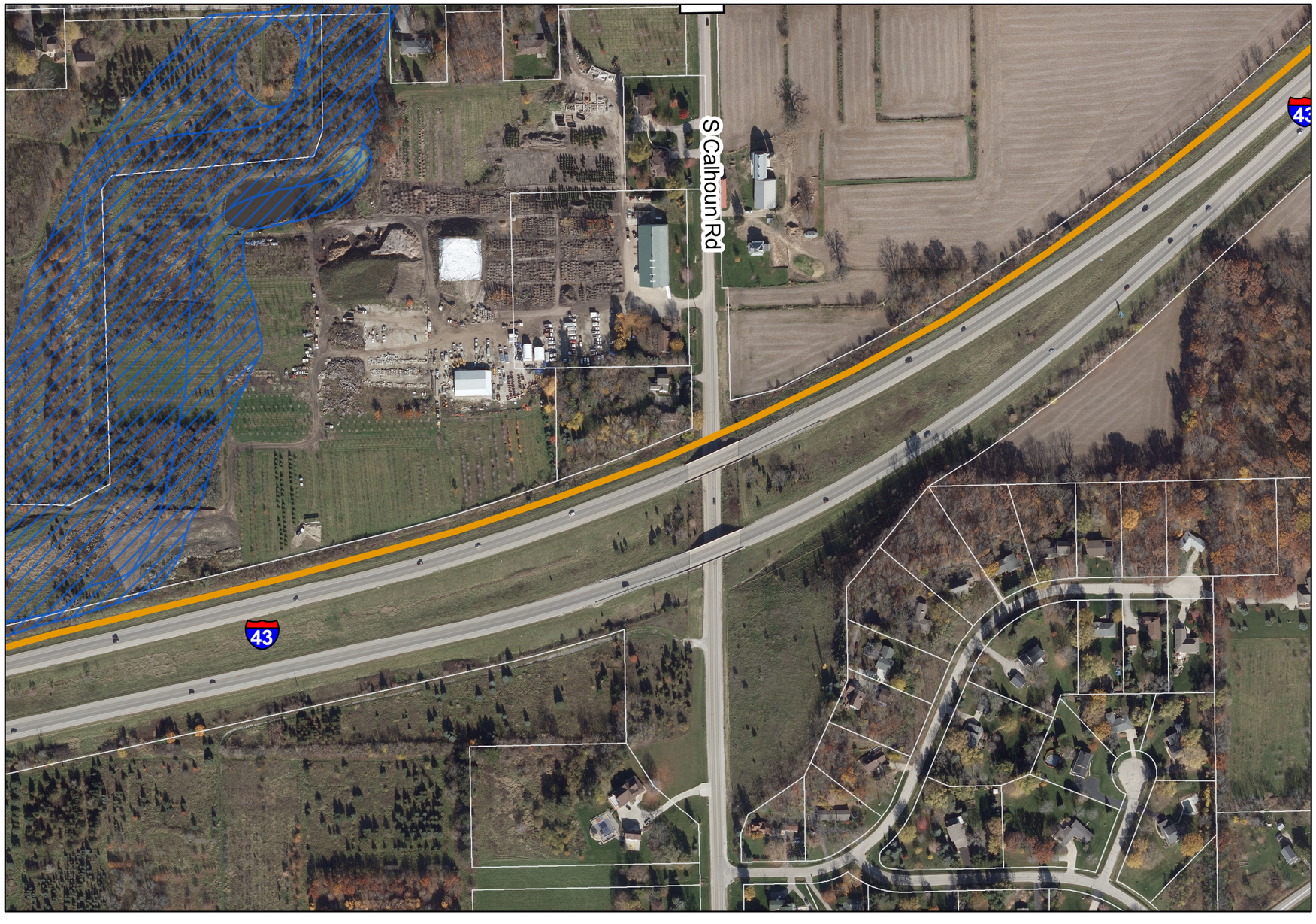
Great Lakes Water Supply Program

Route Alternative 3 - Panel 24 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

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- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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- Tax Parcel
- Casing (Jack and Bore Method)
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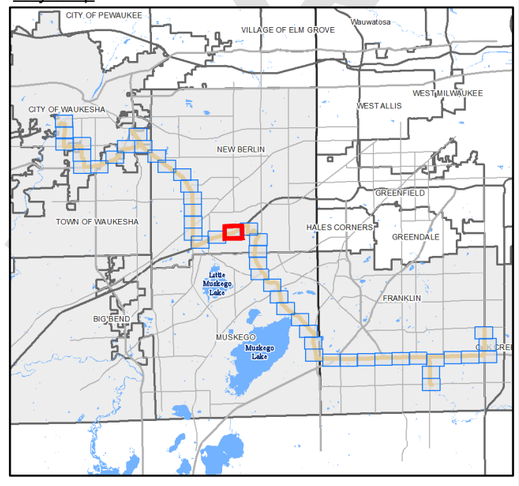

1" = 300'

0 150 300 600 feet

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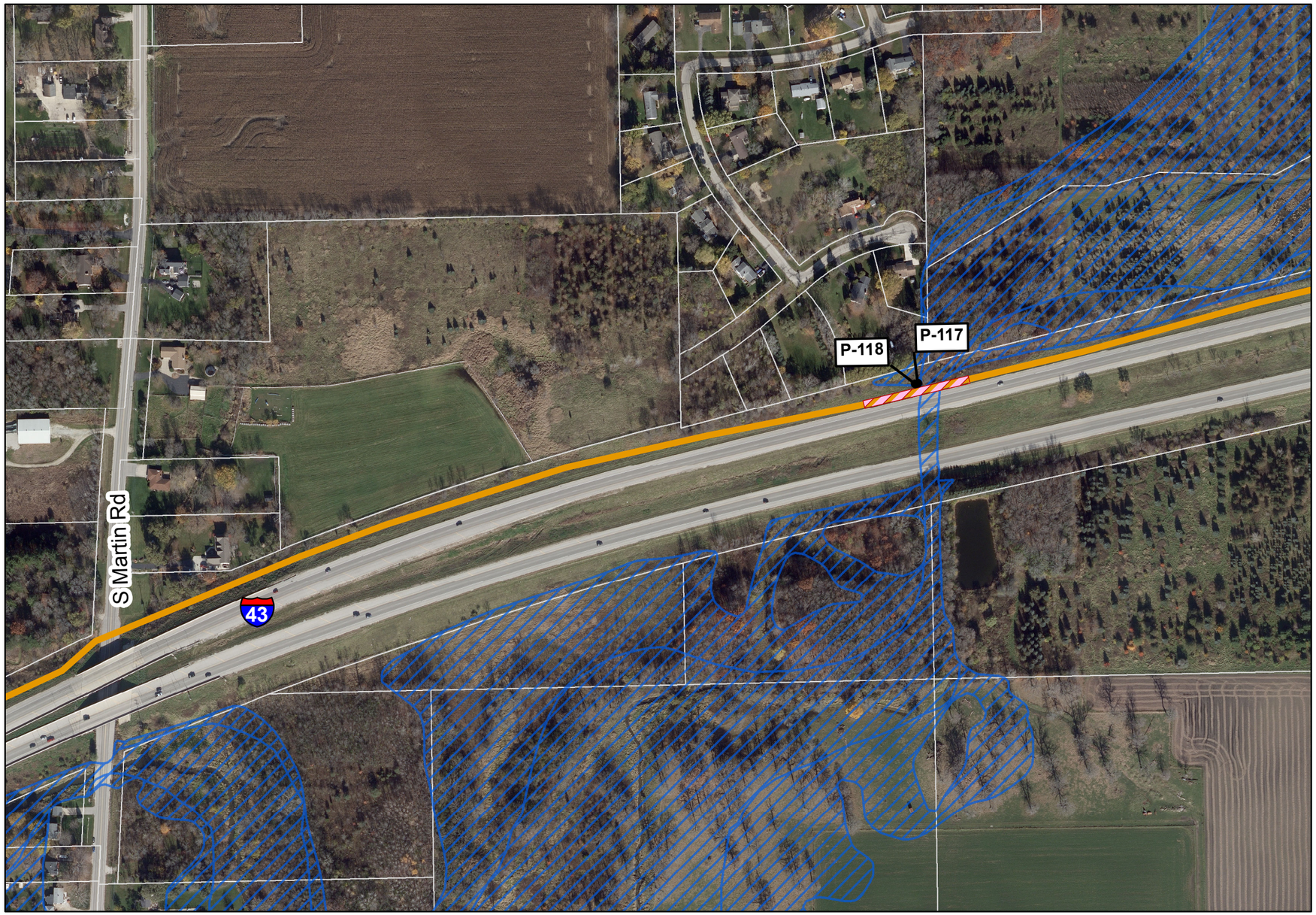
Great Lakes Water Supply Program

Route Alternative 3 - Panel 25 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

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- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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- Casing (Jack and Bore Method)
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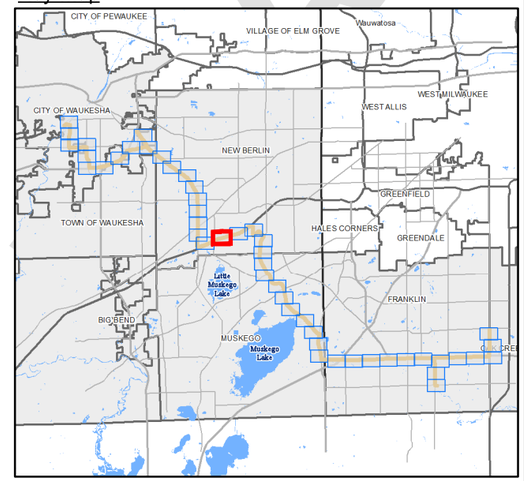
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 26 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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Legend

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- FEMA Flood Zone AE
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- Route Alternative 3 - Common Corridor
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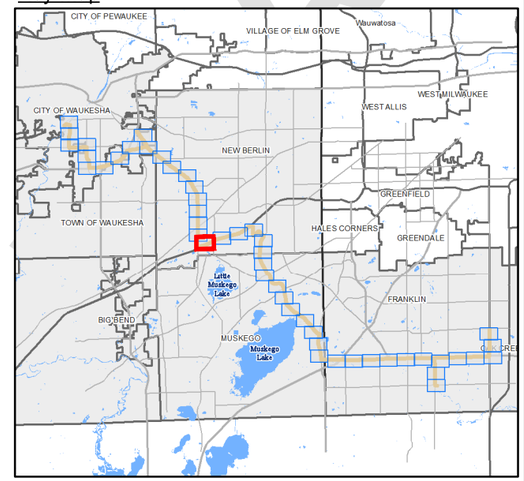
  See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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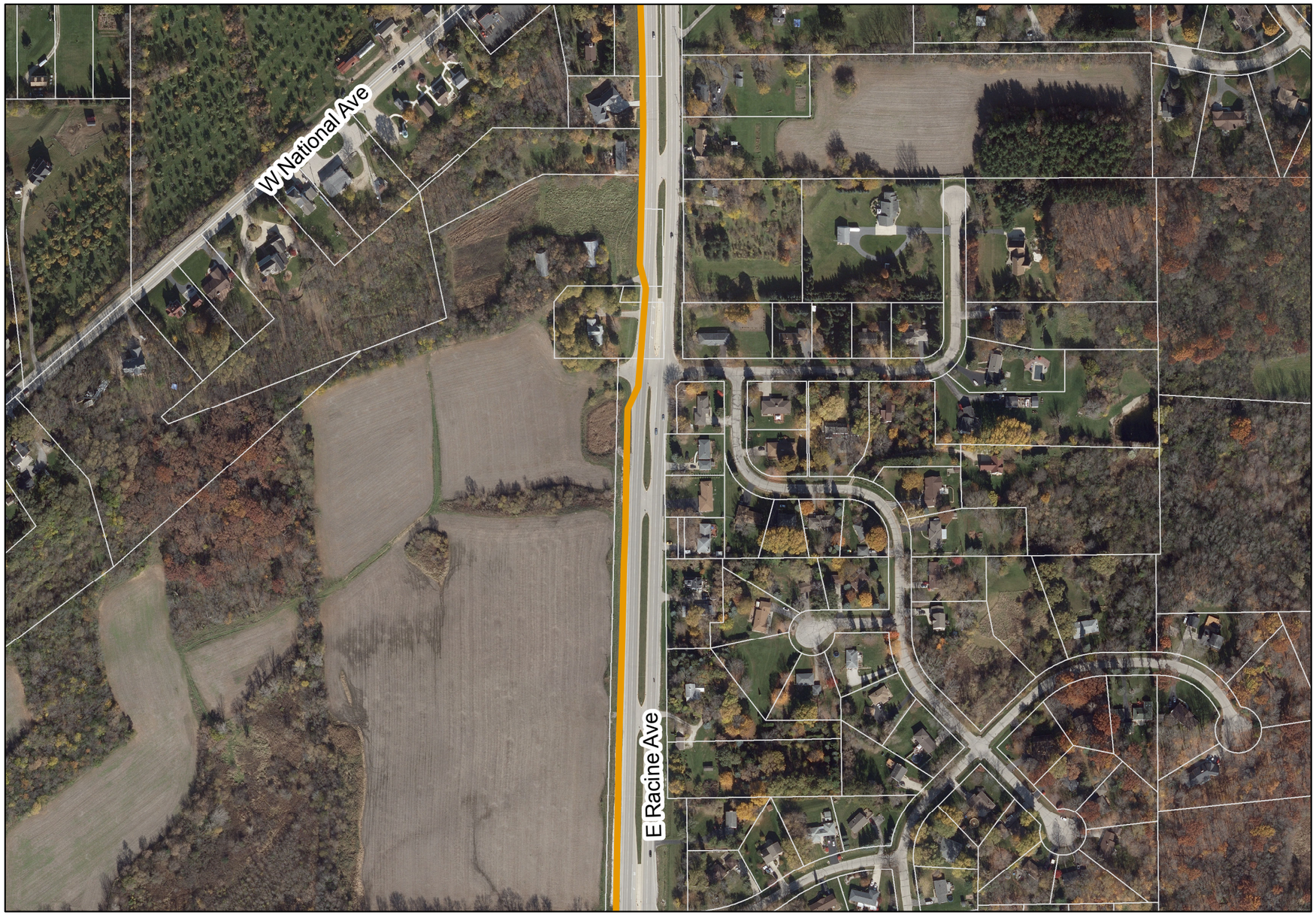
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 27 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



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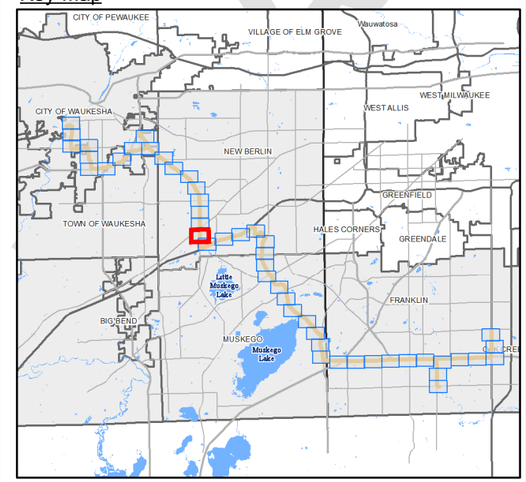
N

Key Map



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Great Lakes Water Supply Program

Route Alternative 3 - Panel 28 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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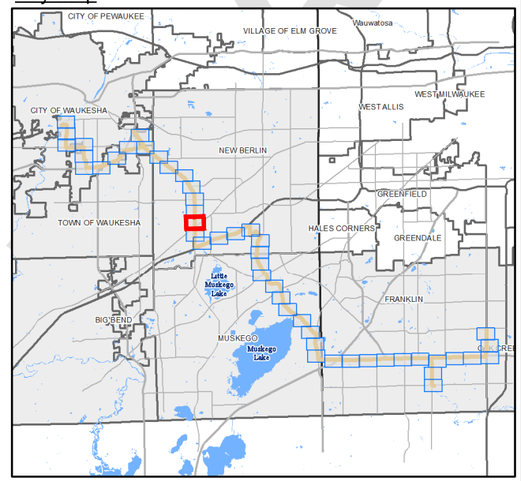

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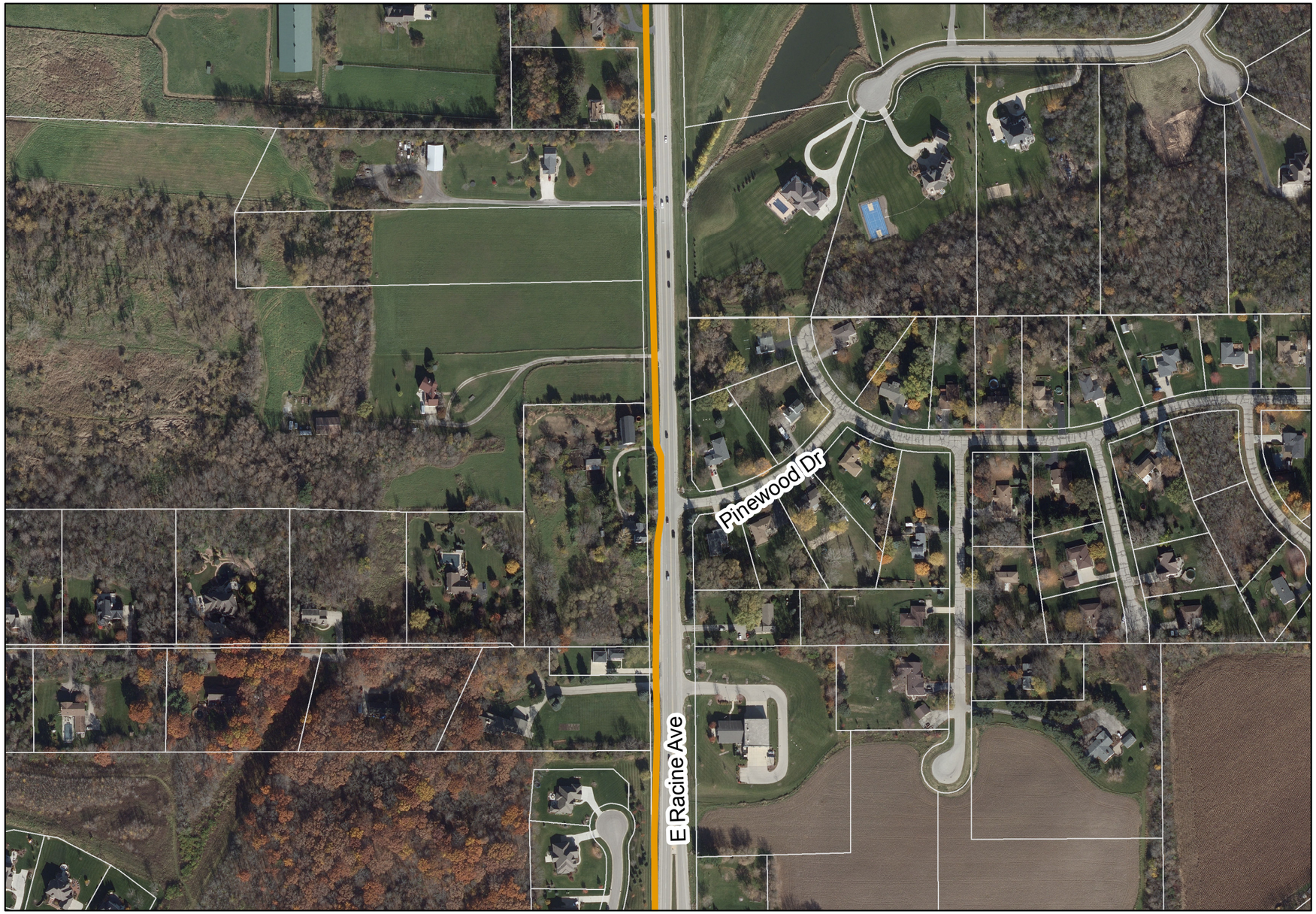
Great Lakes Water Supply Program

Route Alternative 3 - Panel 29 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



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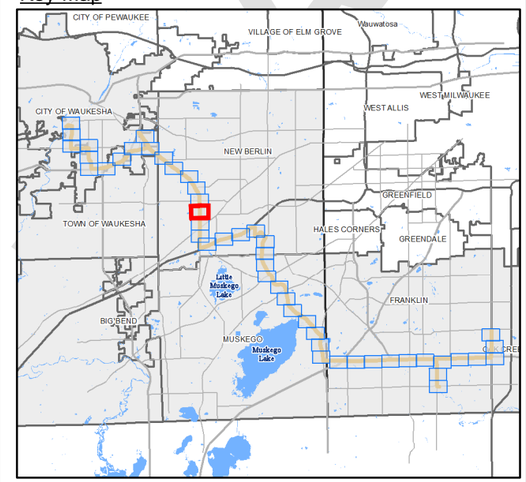

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 30 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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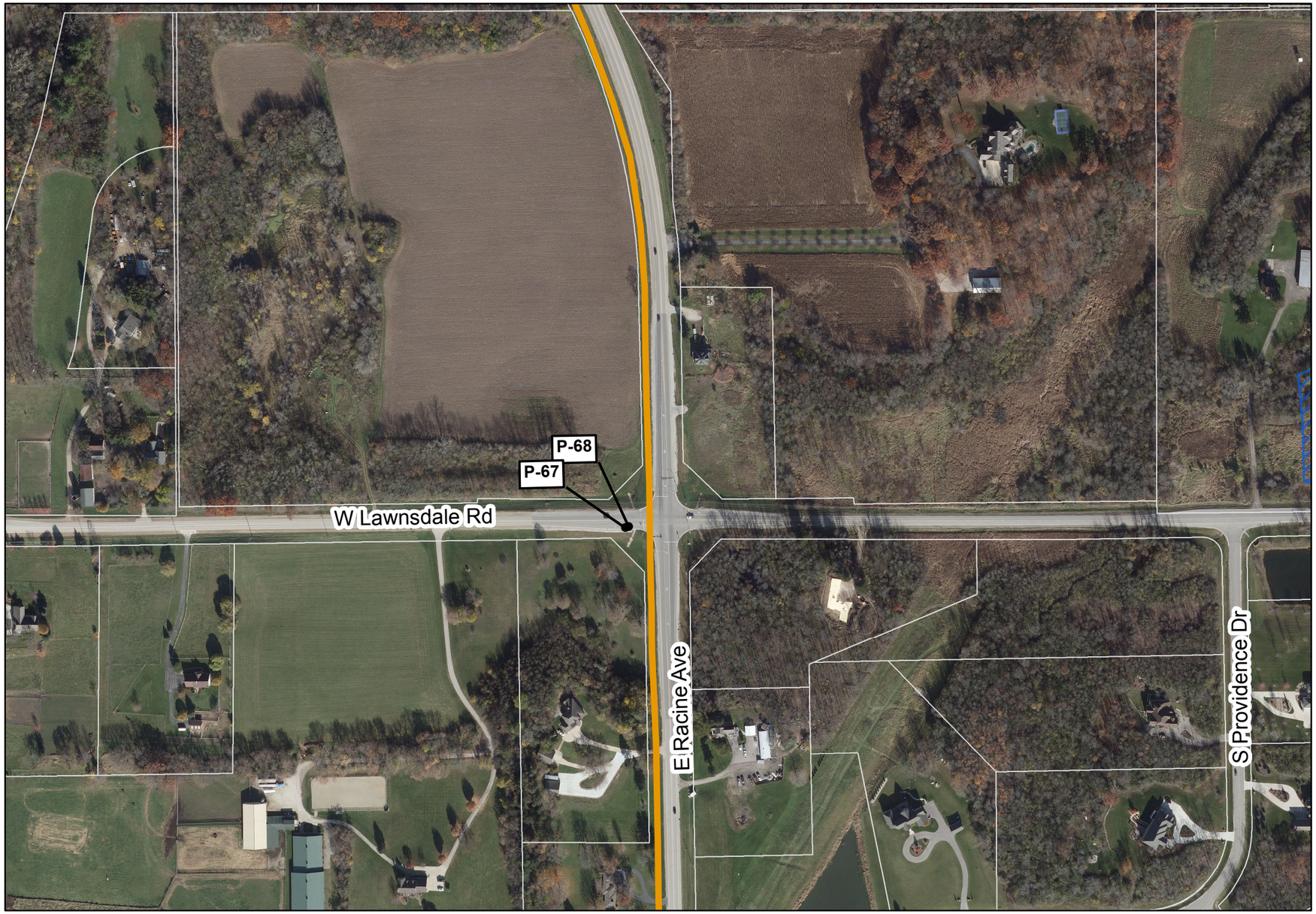

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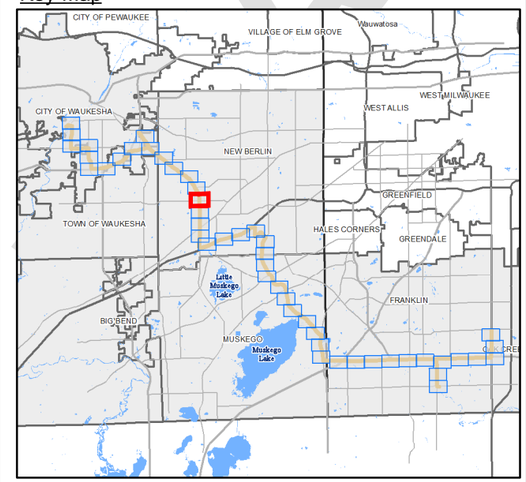

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Route Alternative 3 - Panel 31 of 48

Date: 5/29/2018

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Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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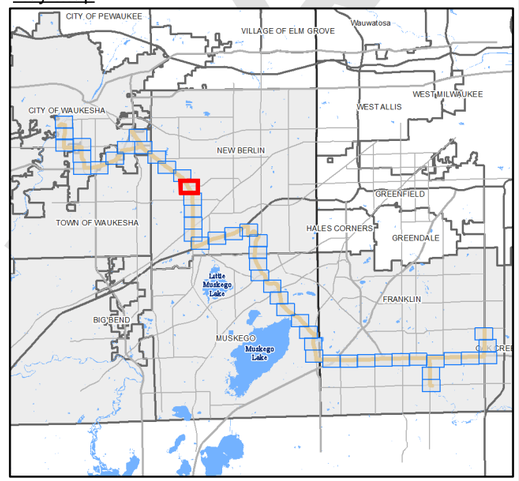

1" = 300'
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Route Alternative 3 - Panel 32 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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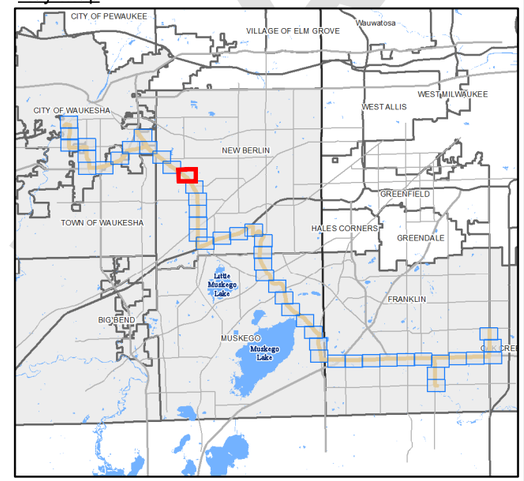

1" = 300'
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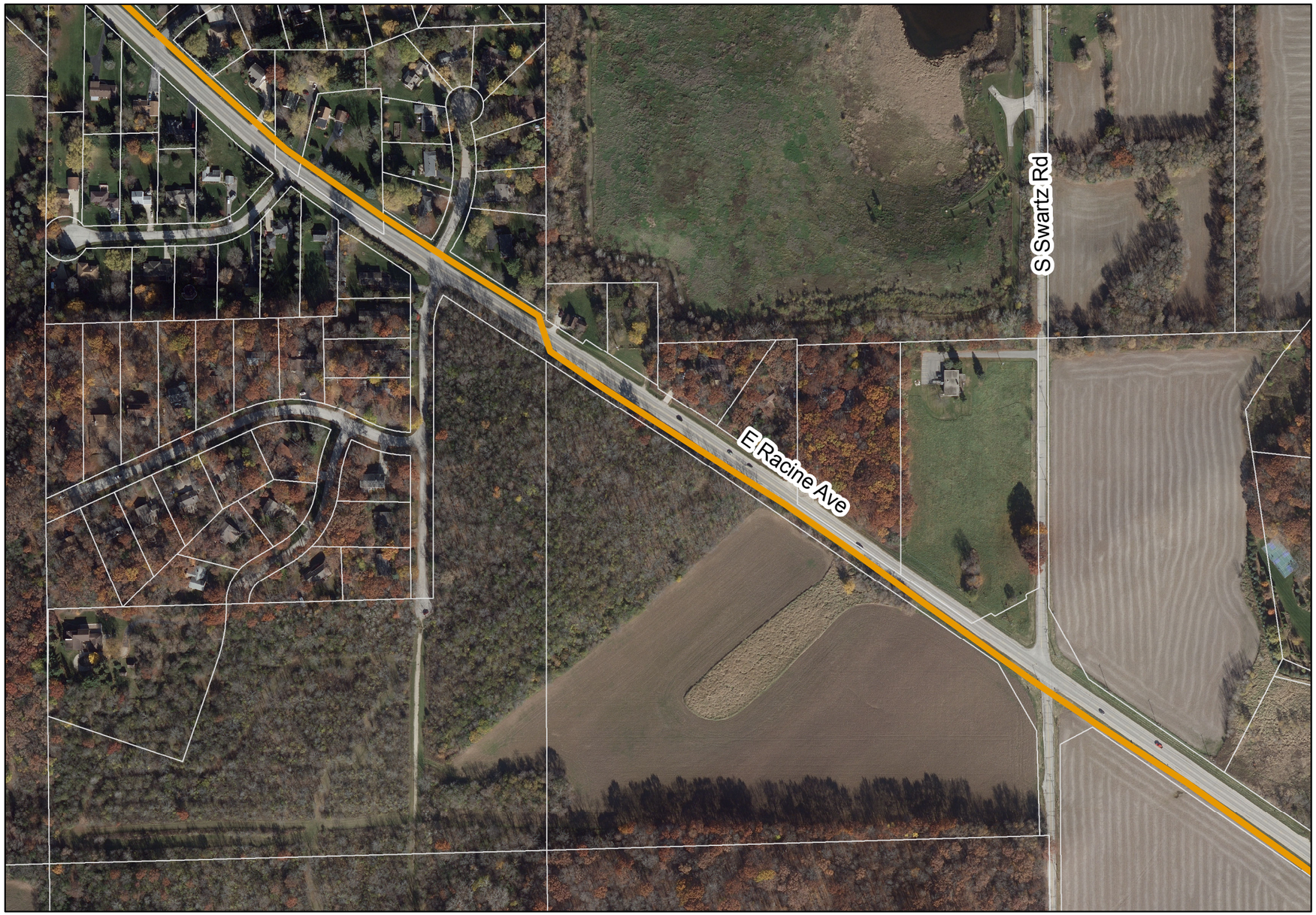
Great Lakes Water Supply Program

Route Alternative 3 - Panel 33 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



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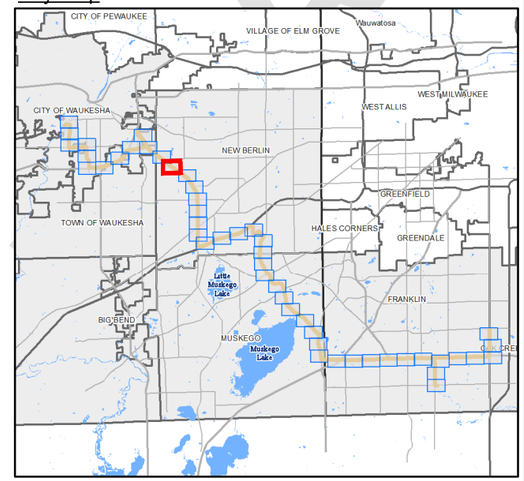

1" = 300'
0 150 300 600 feet

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Route Alternative 3 - Panel 34 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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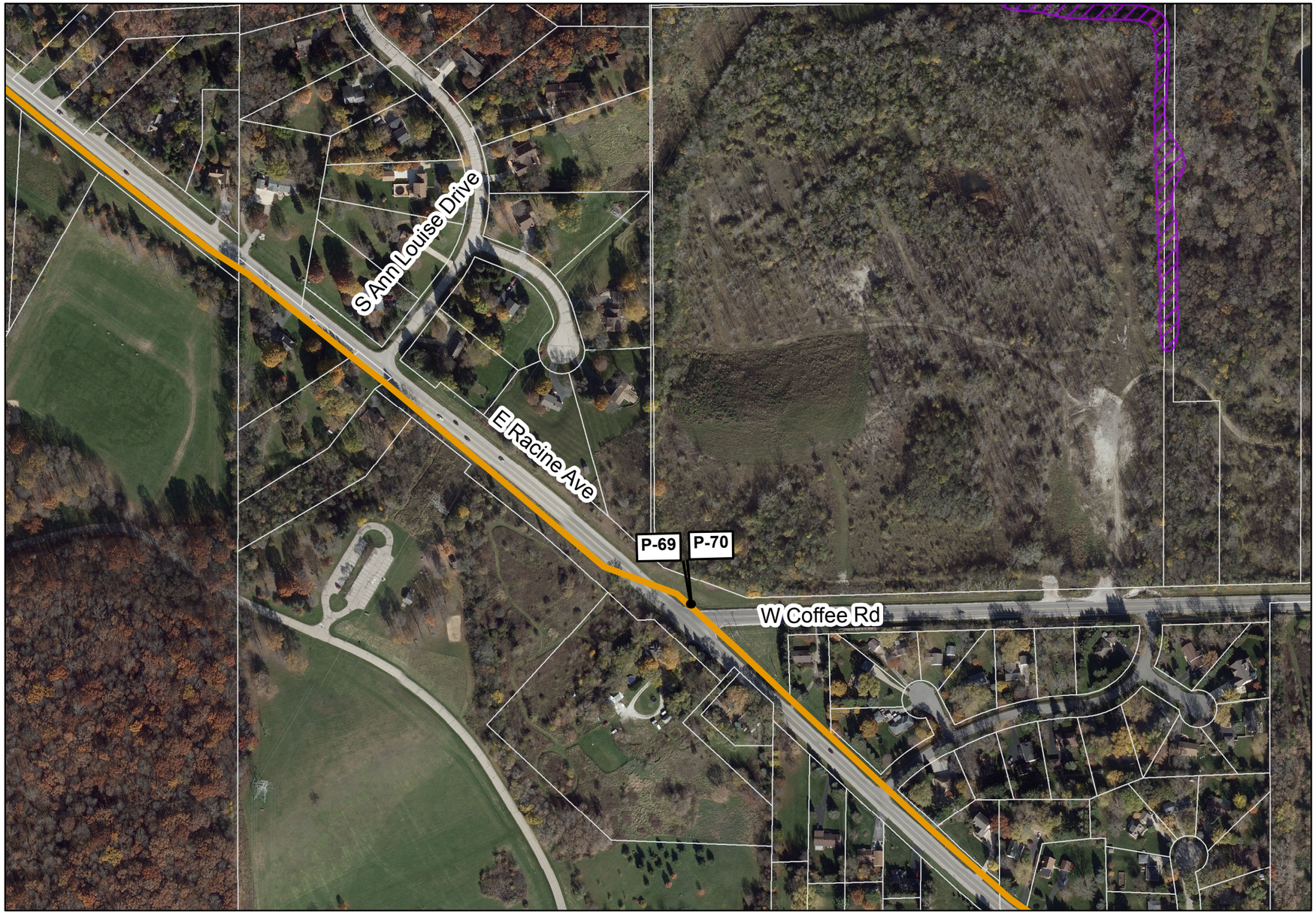

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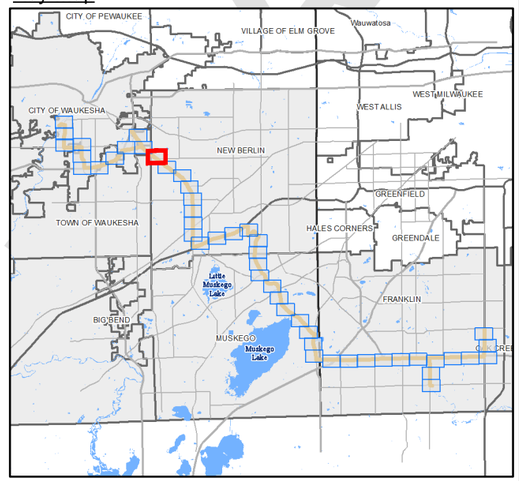
Key Map



1" = 300'
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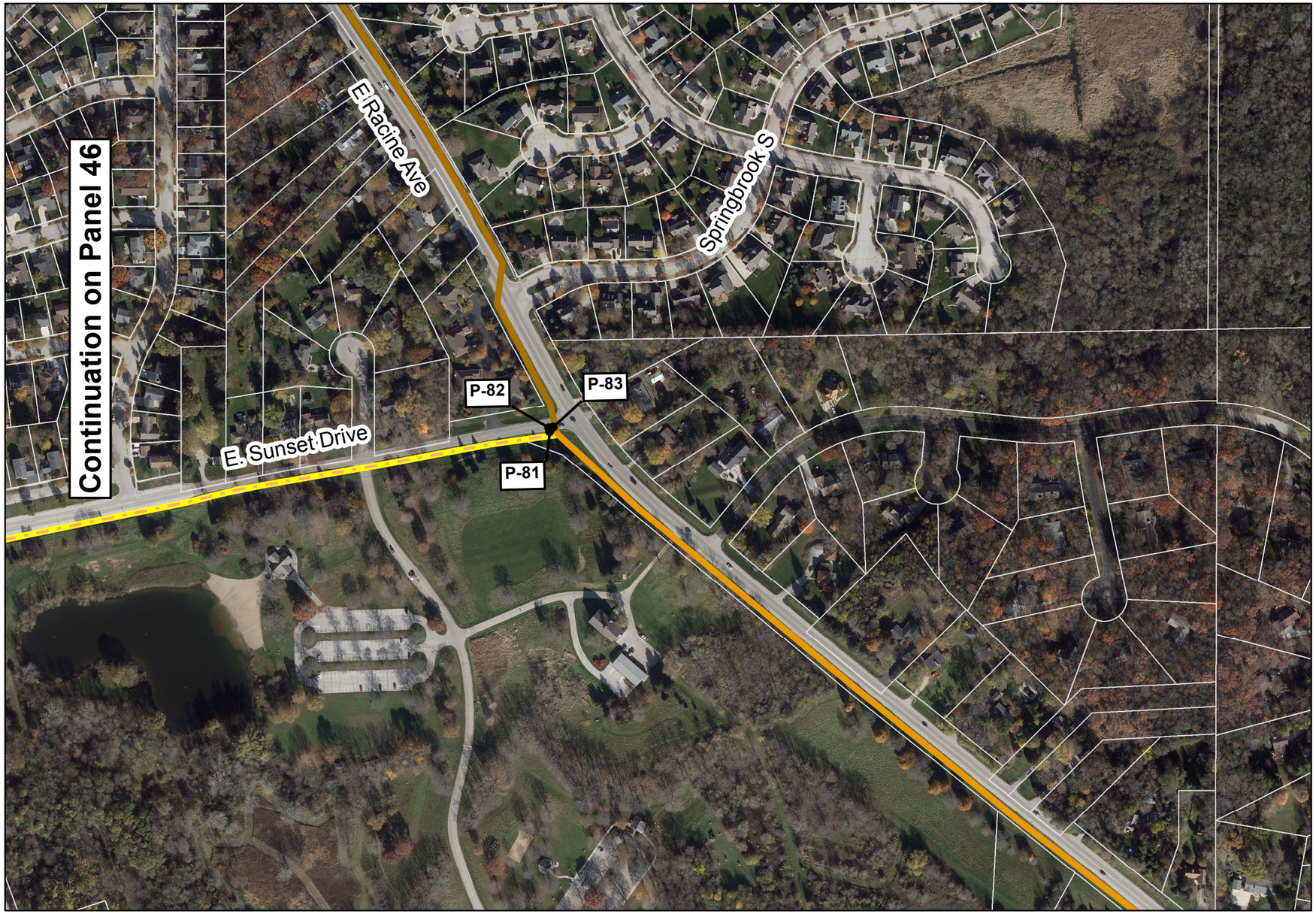
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 35 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



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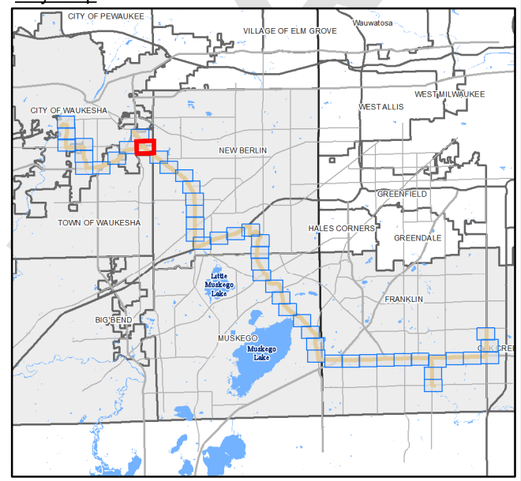

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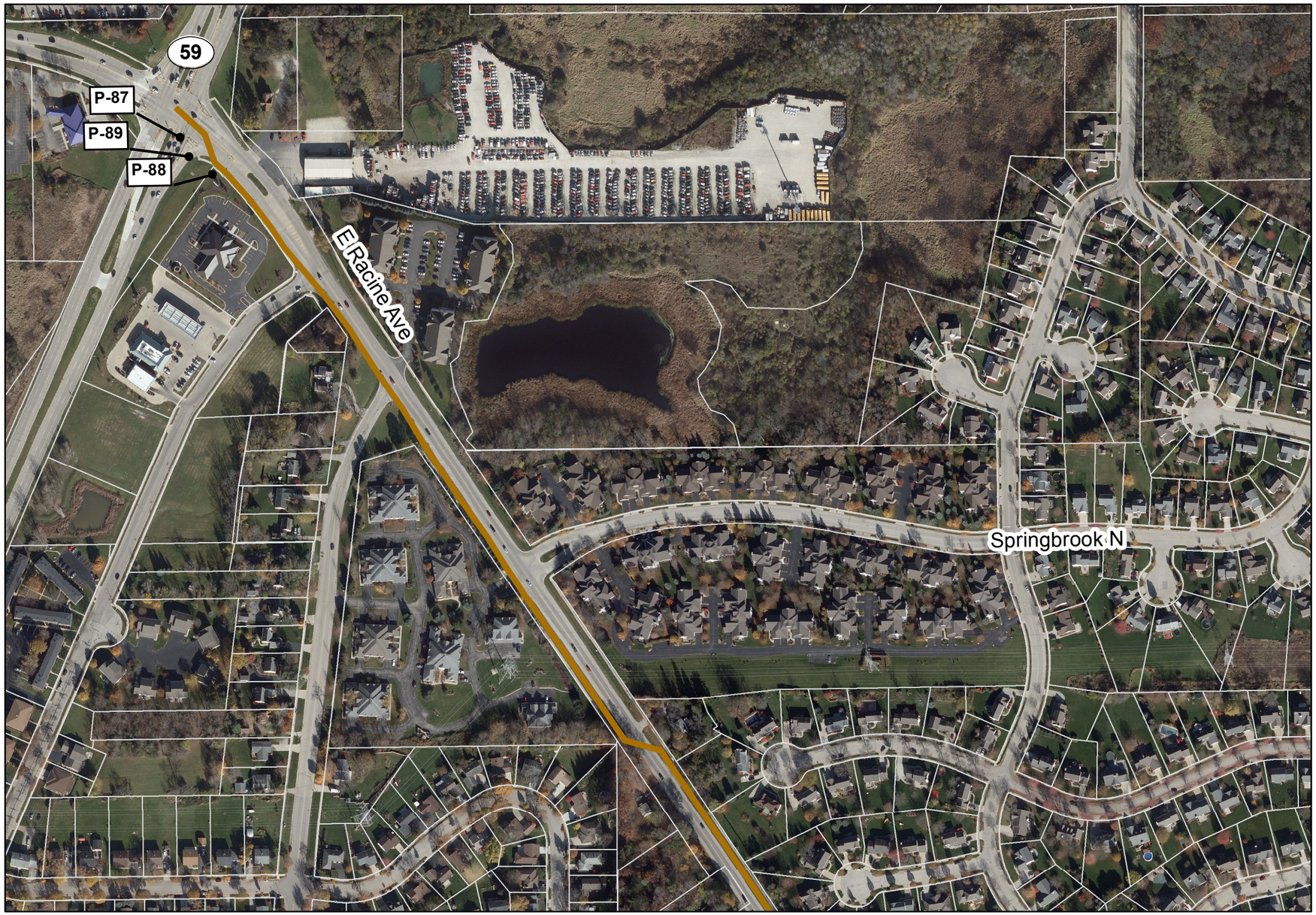
Great Lakes Water Supply Program

Route Alternative 3 - Panel 36 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



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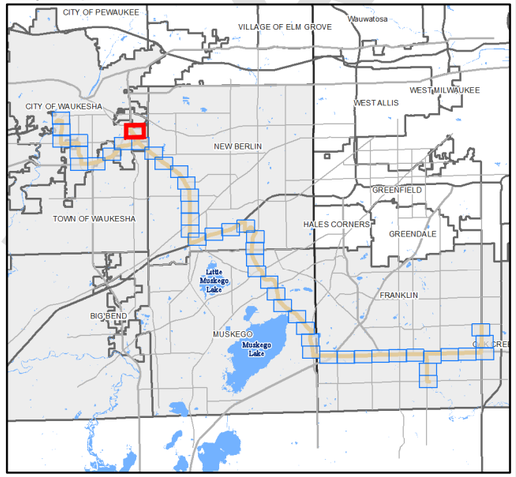

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Route Alternative 3 - Panel 37 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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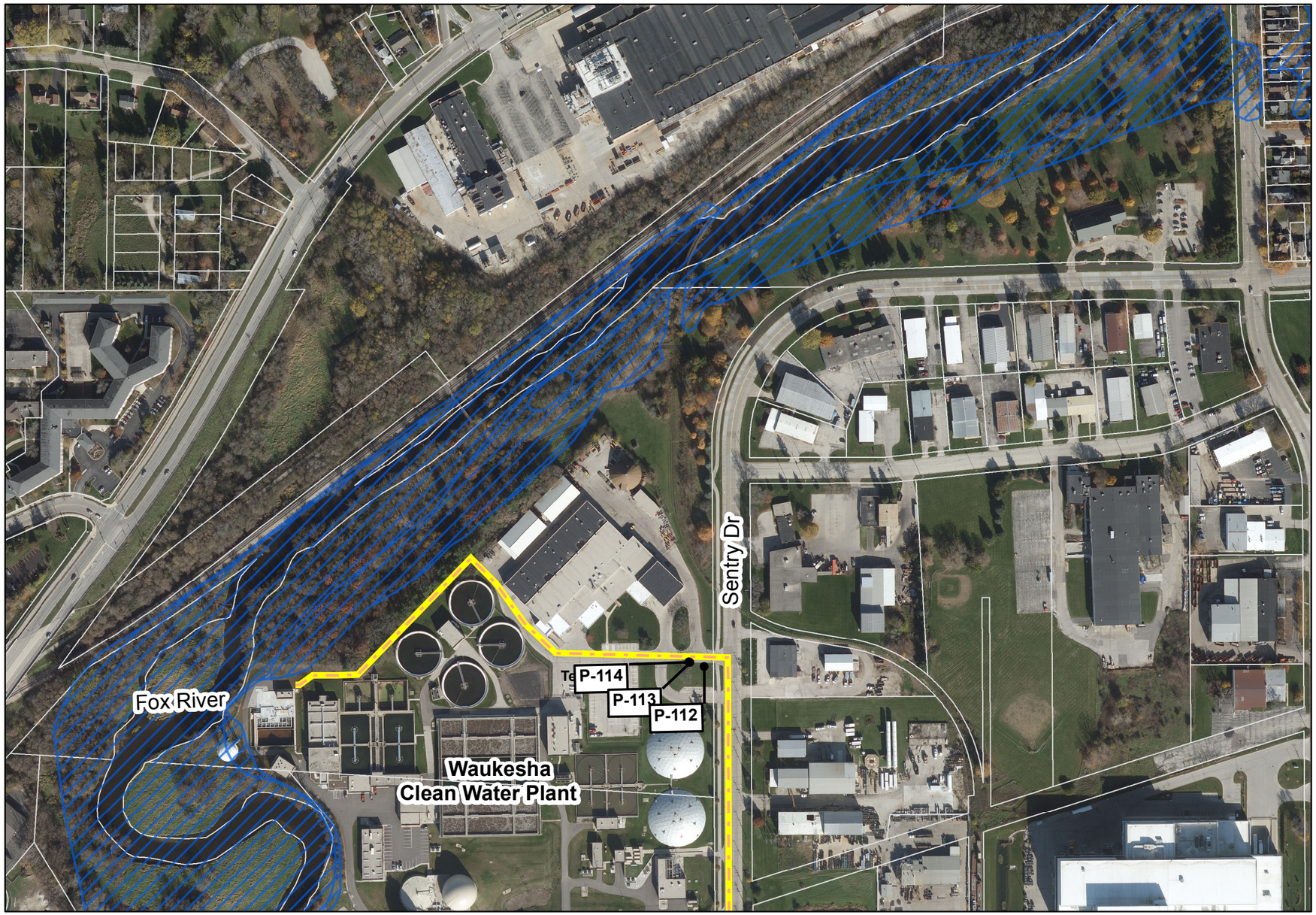

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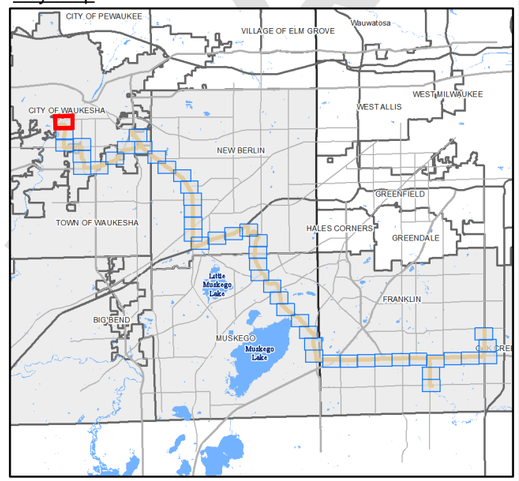

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Route Alternative 3 - Panel 38 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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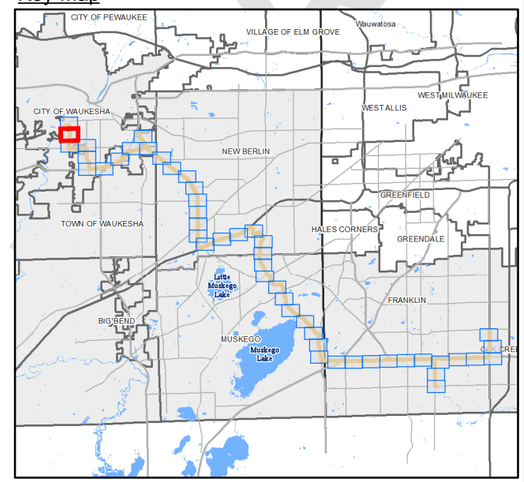

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Route Alternative 3 - Panel 39 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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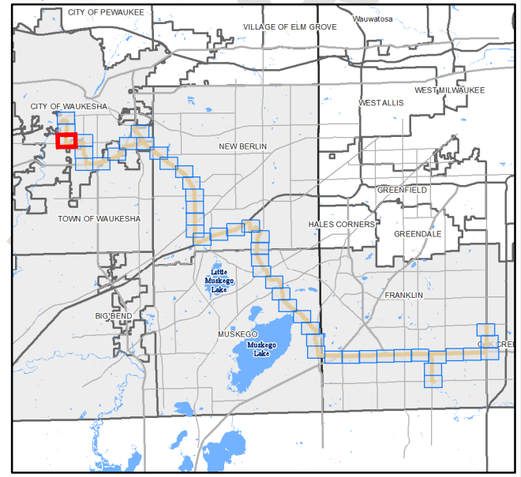

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 40 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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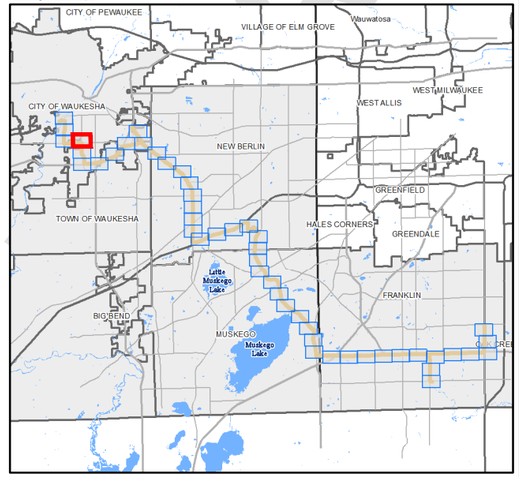
Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 3 - Panel 41 of 48

Date: 5/29/2018

DRAFT

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
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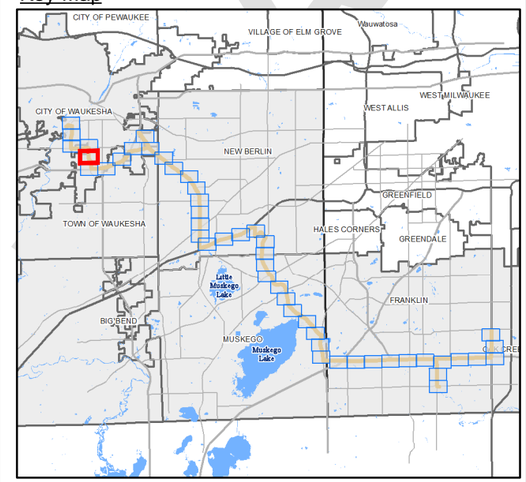
- Route Alternative 3 - Return Flow Pipeline
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation See Route Descriptions for photos

Key Map



1" = 300'

0 150 300 600 feet

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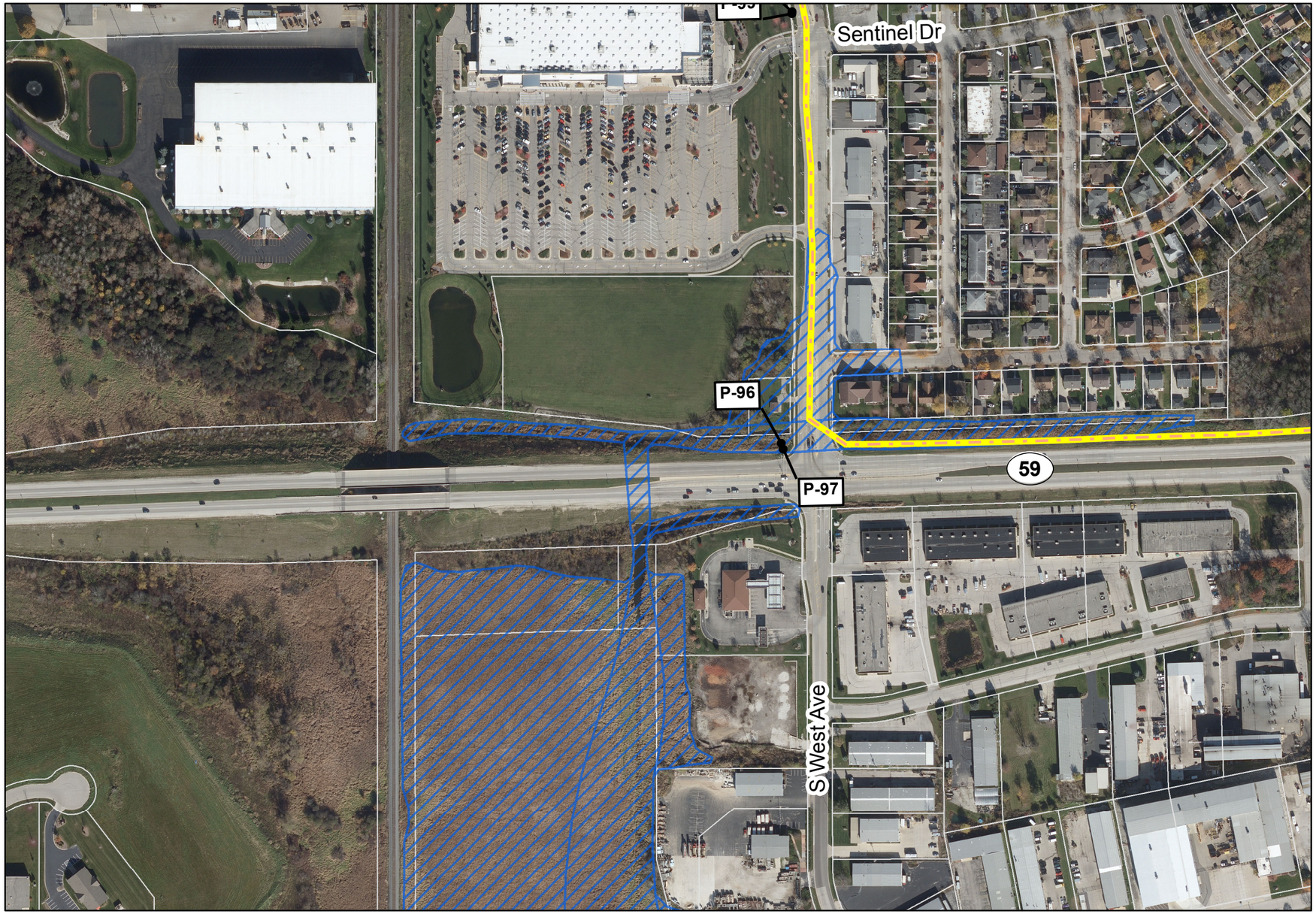
Route Alternative 3 - Panel 42 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



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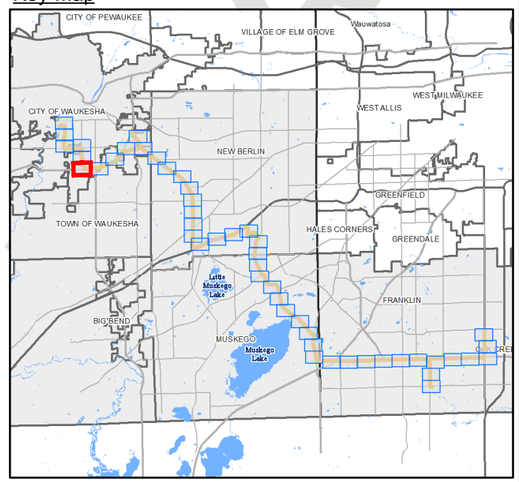
Key Map



1" = 300'
0 150 300 600 feet

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Route Alternative 3 - Panel 43 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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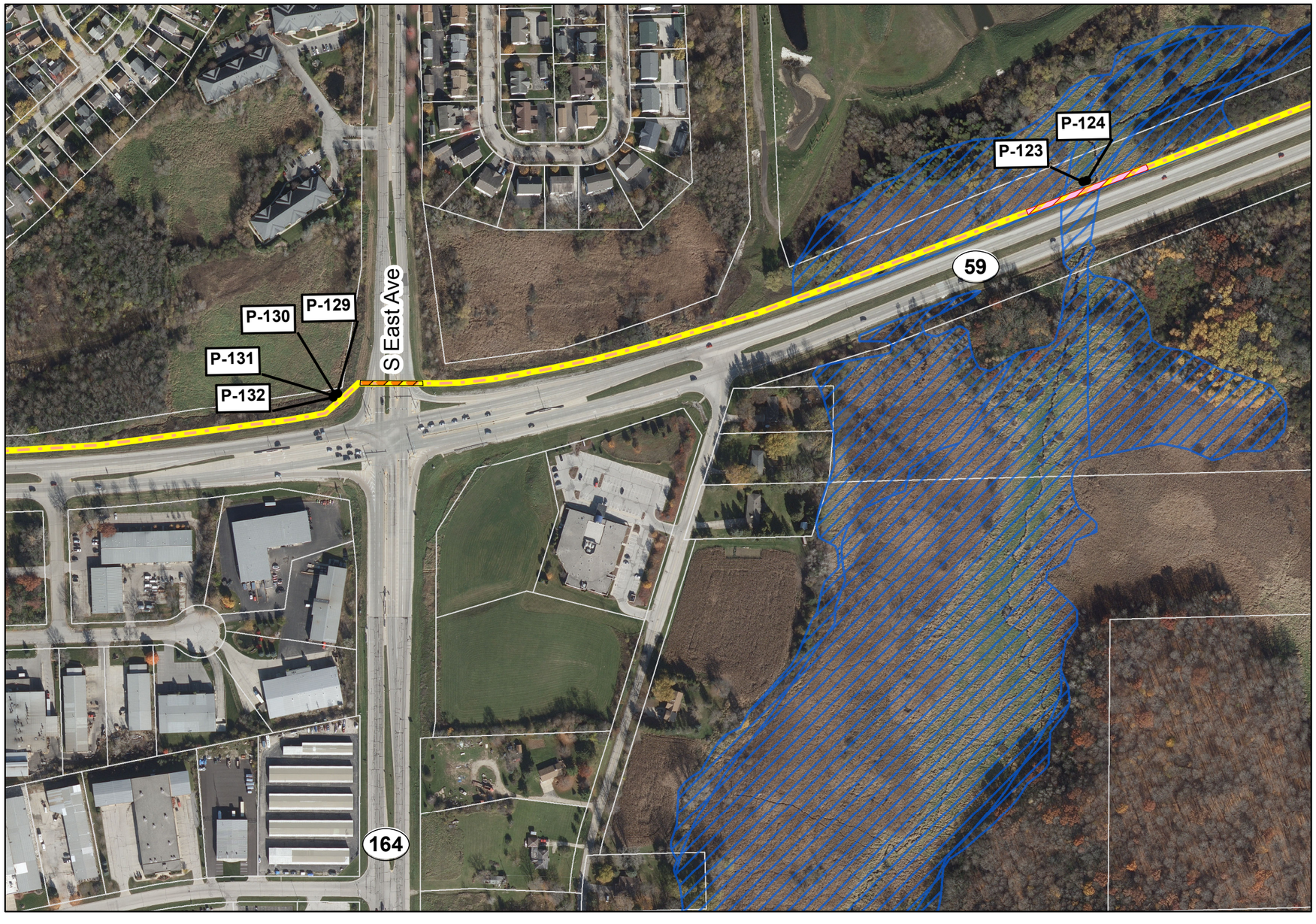

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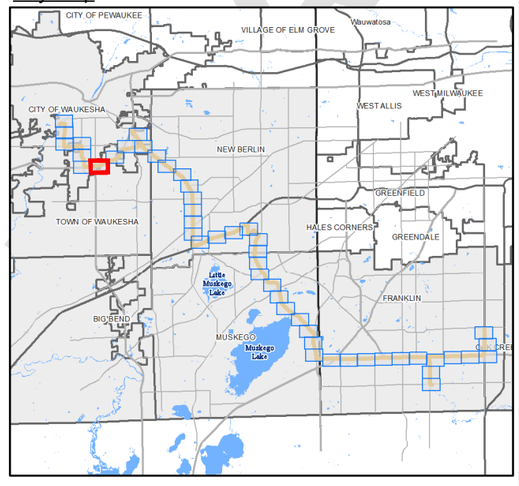

1" = 300'
0 150 300 600 feet

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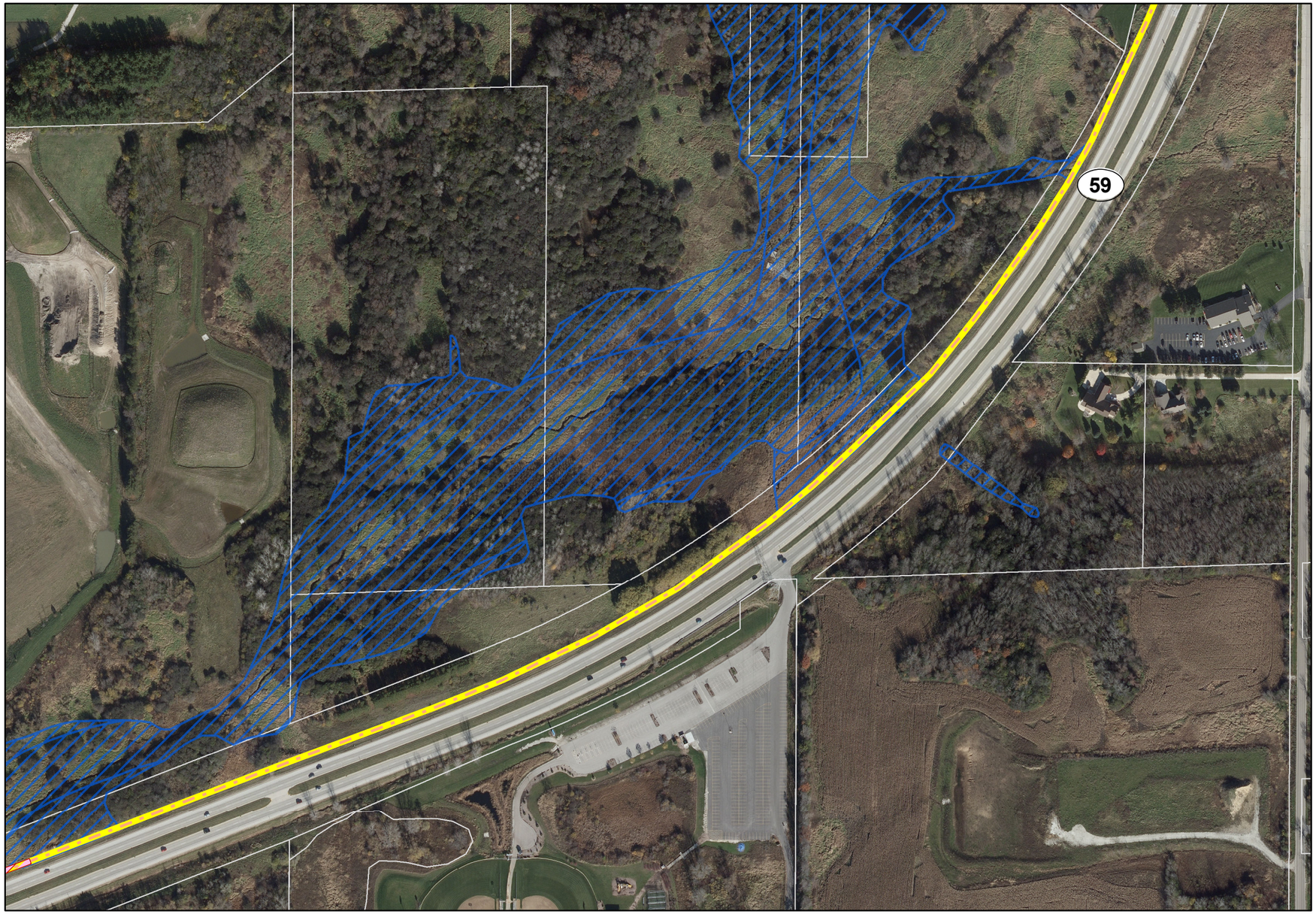
Great Lakes Water Supply Program

Route Alternative 3 - Panel 44 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

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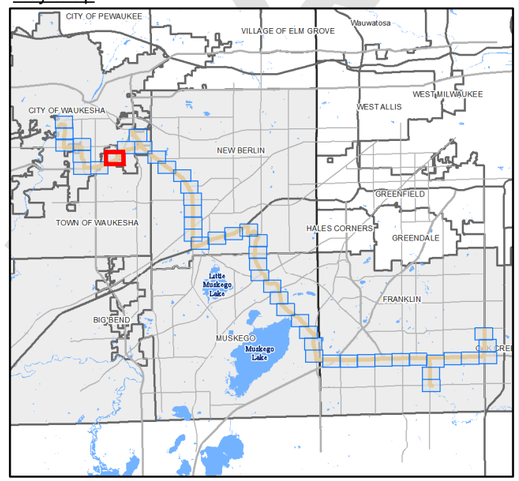
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 3 - Panel 45 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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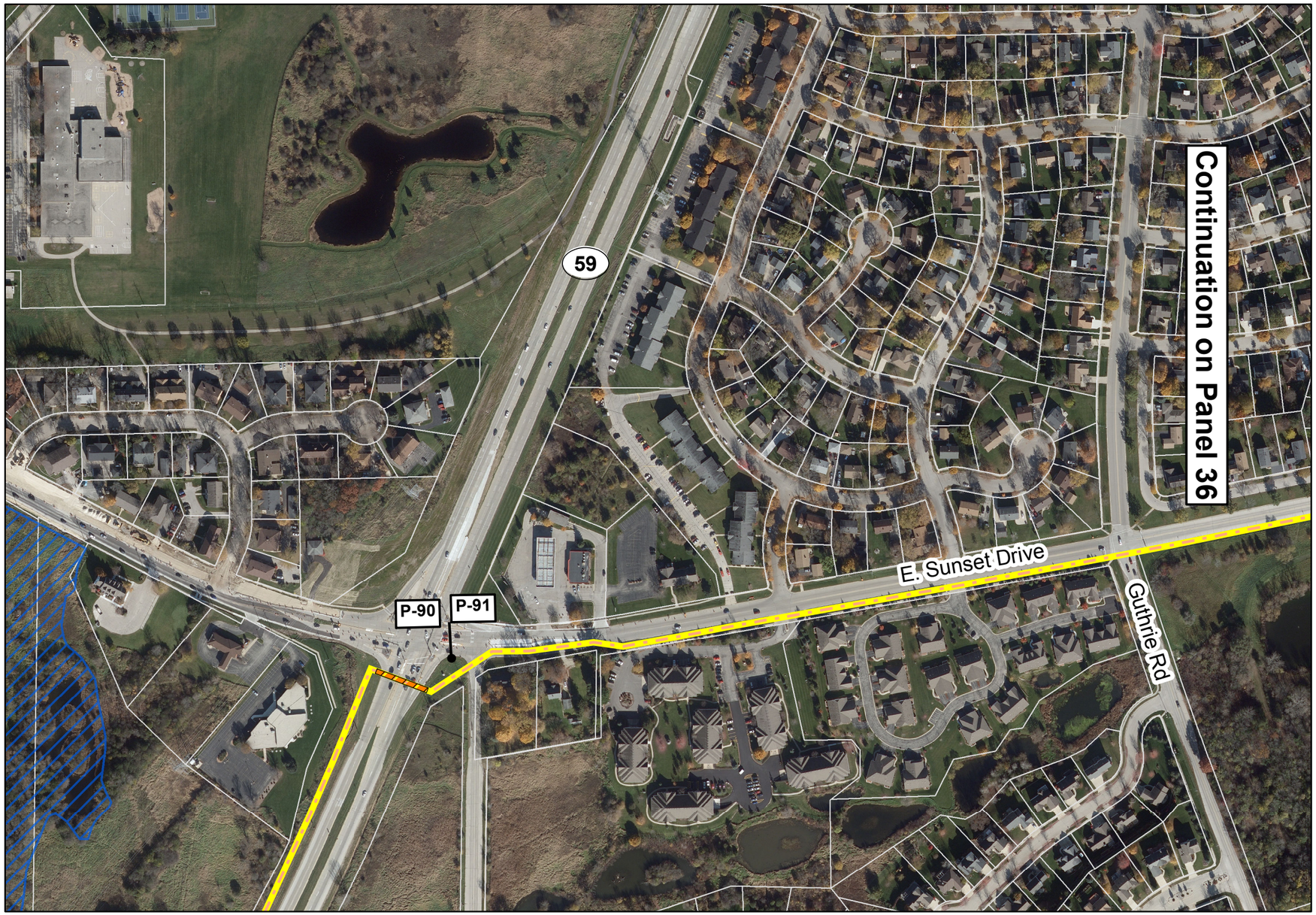

Legend

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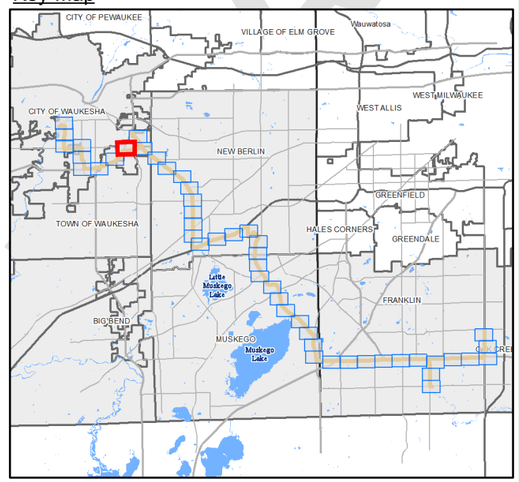

1" = 300'
0 150 300 600 feet

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Route Alternative 3 - Panel 46 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd

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Legend

- FEMA Flood Zone A, (Unstudied)
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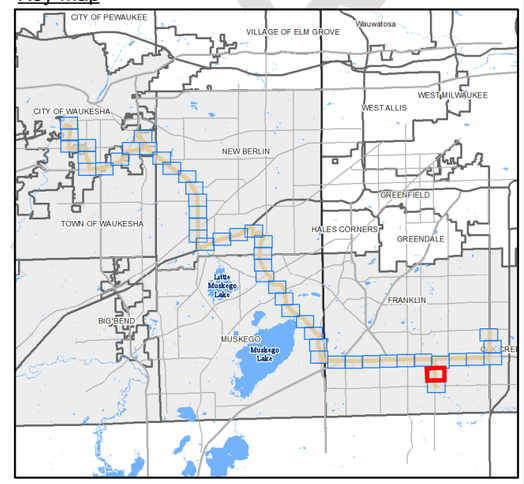
- Route Alternative 3 - Common Corridor
- P-# Photo ID from Field Investigation See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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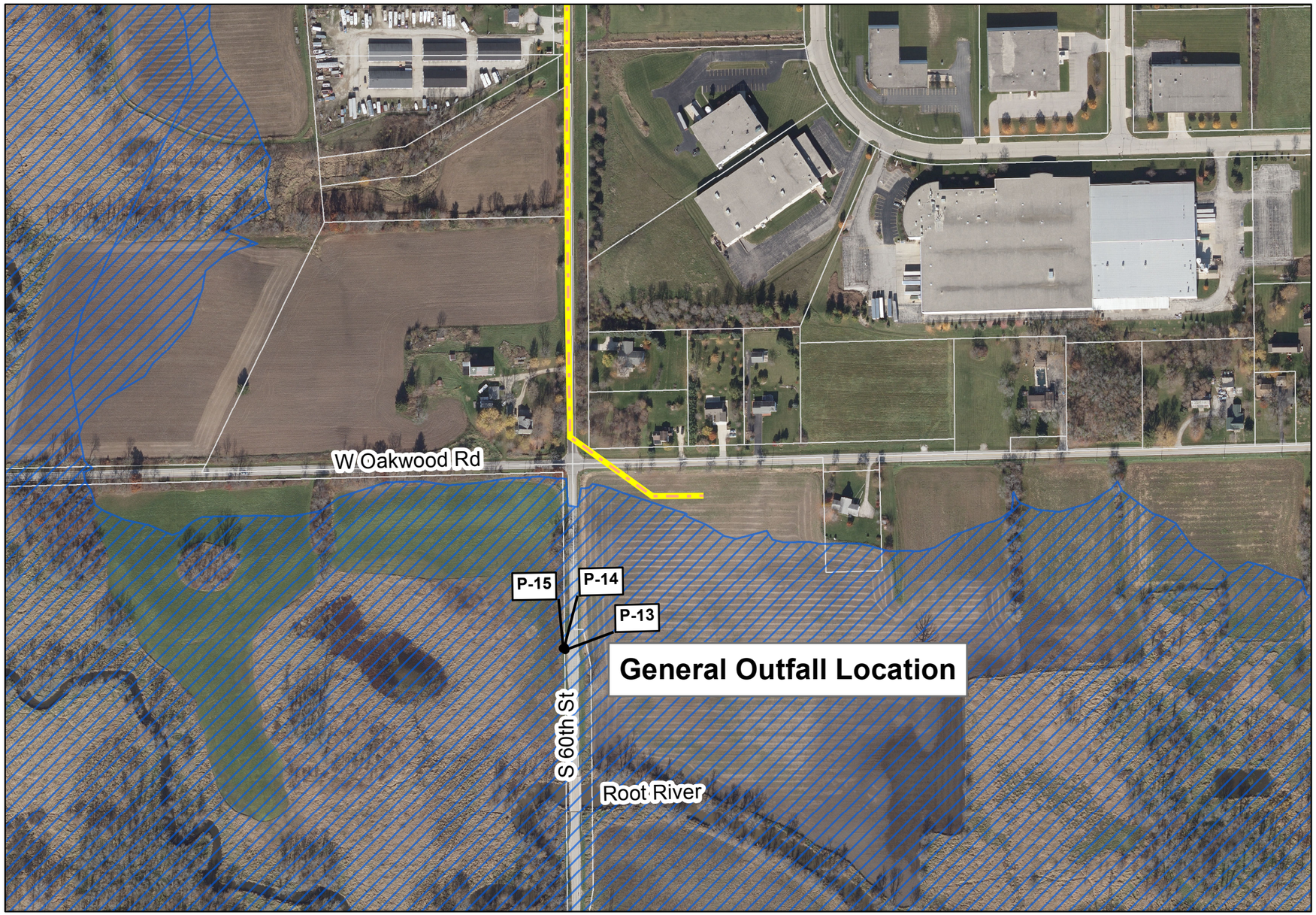
Route Alternative 3 - Panel 47 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\115310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

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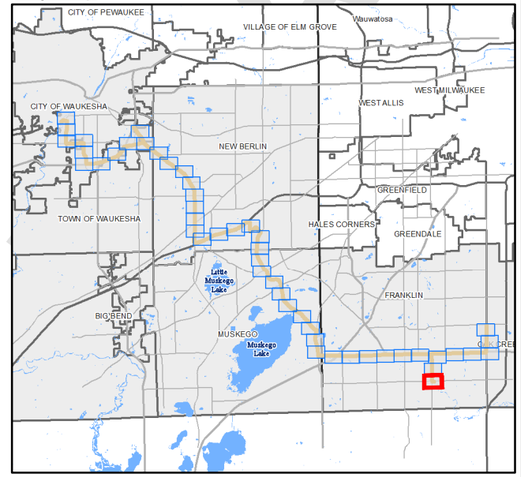
N

Key Map



1" = 300'

0 150 300 600 feet

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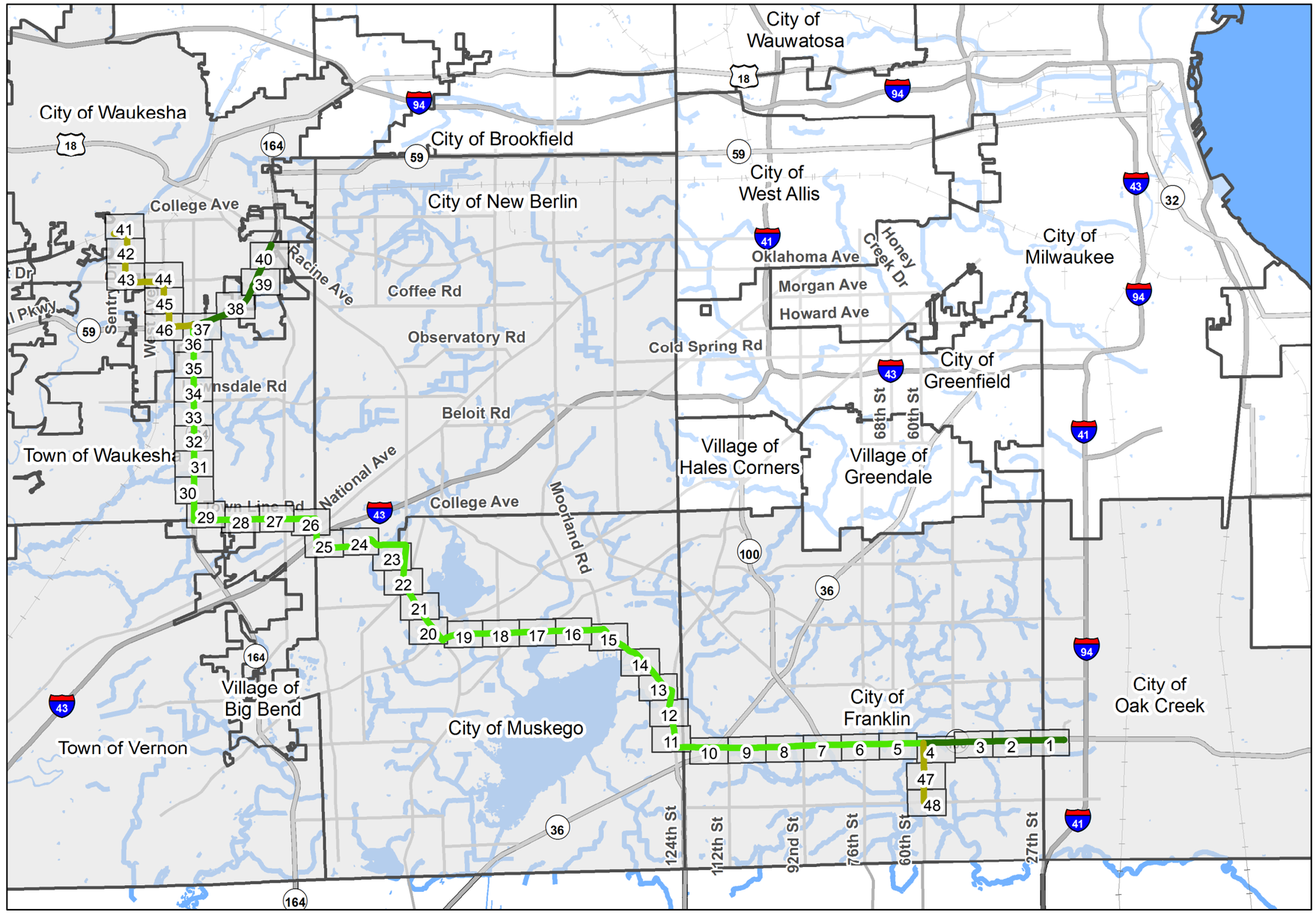
Route Alternative 3 - Panel 48 of 48

Date: 5/29/2018

DRAFT

Plotted: 5/29/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 3\Route 3_Updated_05292018_EIR.mxd



Legend

- Route Alternative 4, Water Supply Pipeline
- Route Alternative 4, Return Flow Pipeline
- Route Alternative 4, Common Corridor
- # Panels, see attachments
- Municipality within Oak Creek Route Study Area

Significant Features

- Interstates
- State Highways
- Local Roads
- Railroads
- Surface Waters

1 " = 10,000 '
0 5,000 10,000 20,000 feet

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Great Lakes Water Supply Program

Route Alternative 4
Panel Map

Date: 5/18/2018

Plotted: 5/18/2018
Document Path: \\GH-DATA01\client02\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Key Map_Updated_05172018_EIR.mxd

Legend

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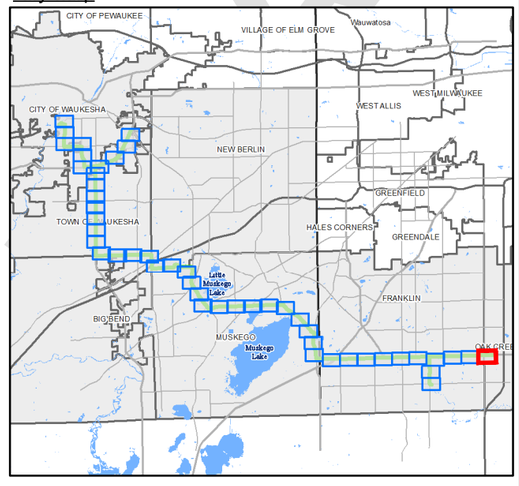
- P-# Photo ID from Field Investigation. See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 1 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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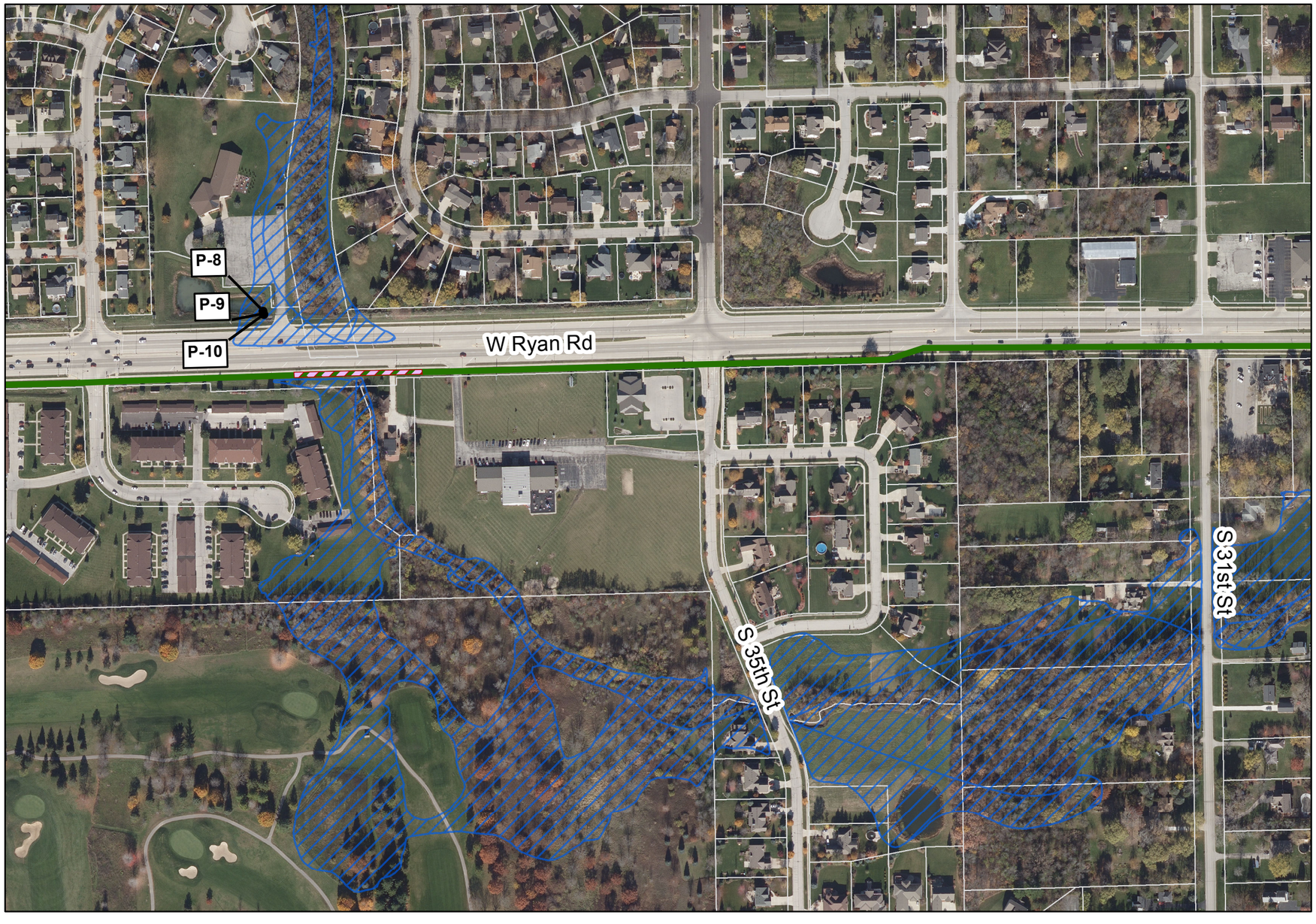

Legend

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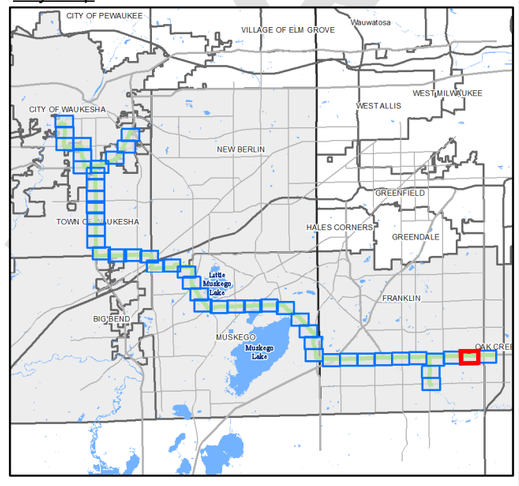

1" = 300'
0 150 300 600 feet

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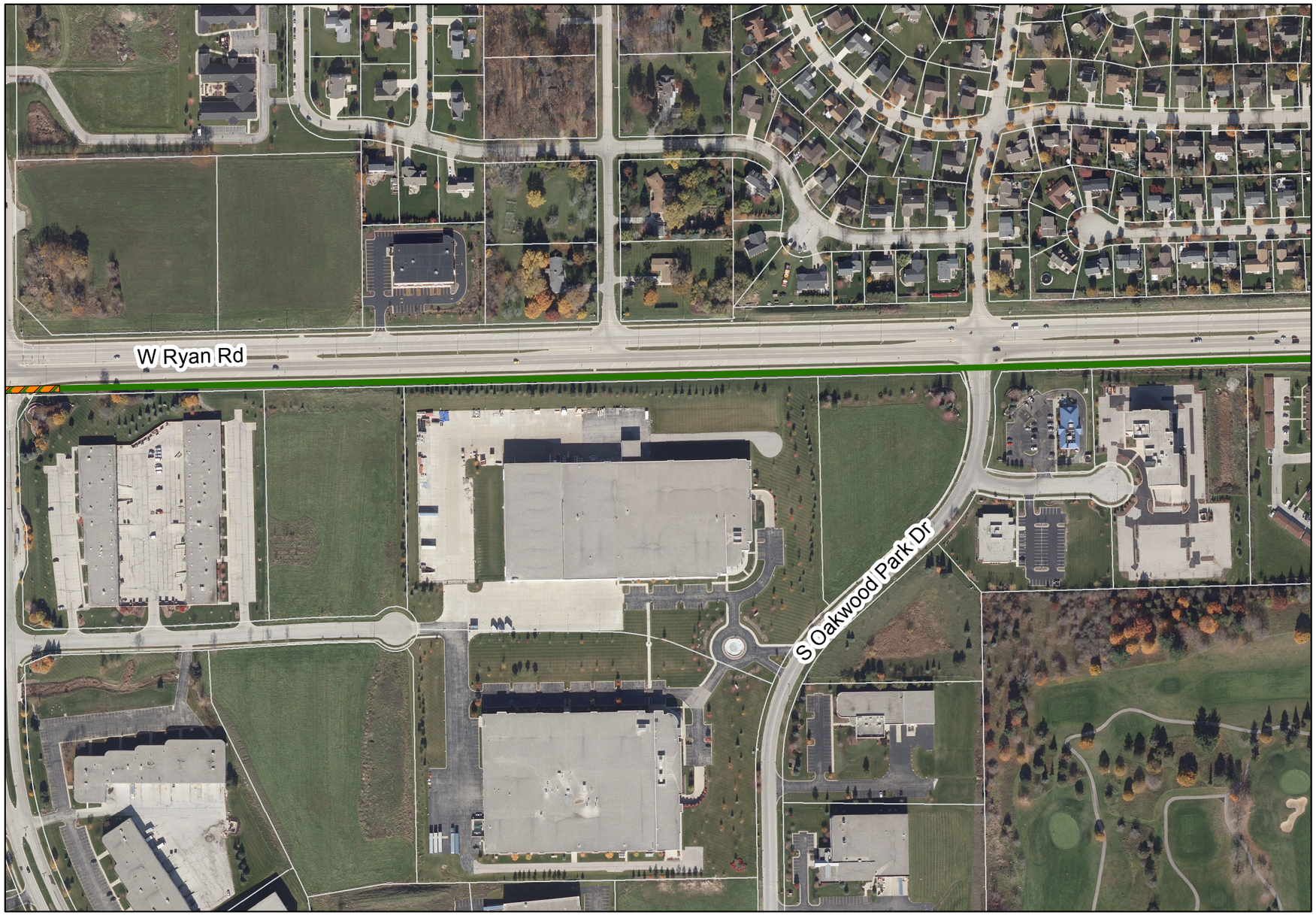
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 2 of 48

Date: 5/29/2018

DRAFT

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

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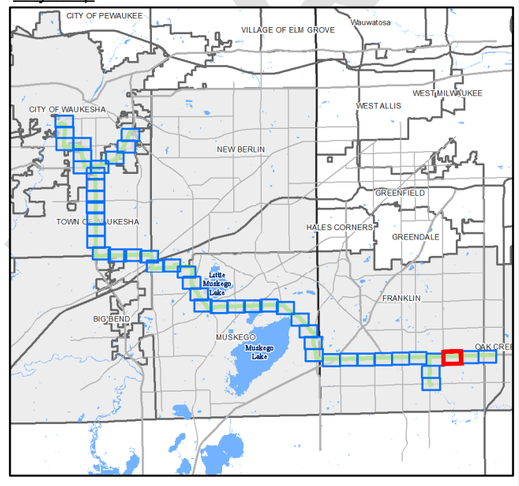

1" = 300'

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Route Alternative 4 - Panel 3 of 48

Date: 5/29/2018

DRAFT

Plotted: 5/29/2018
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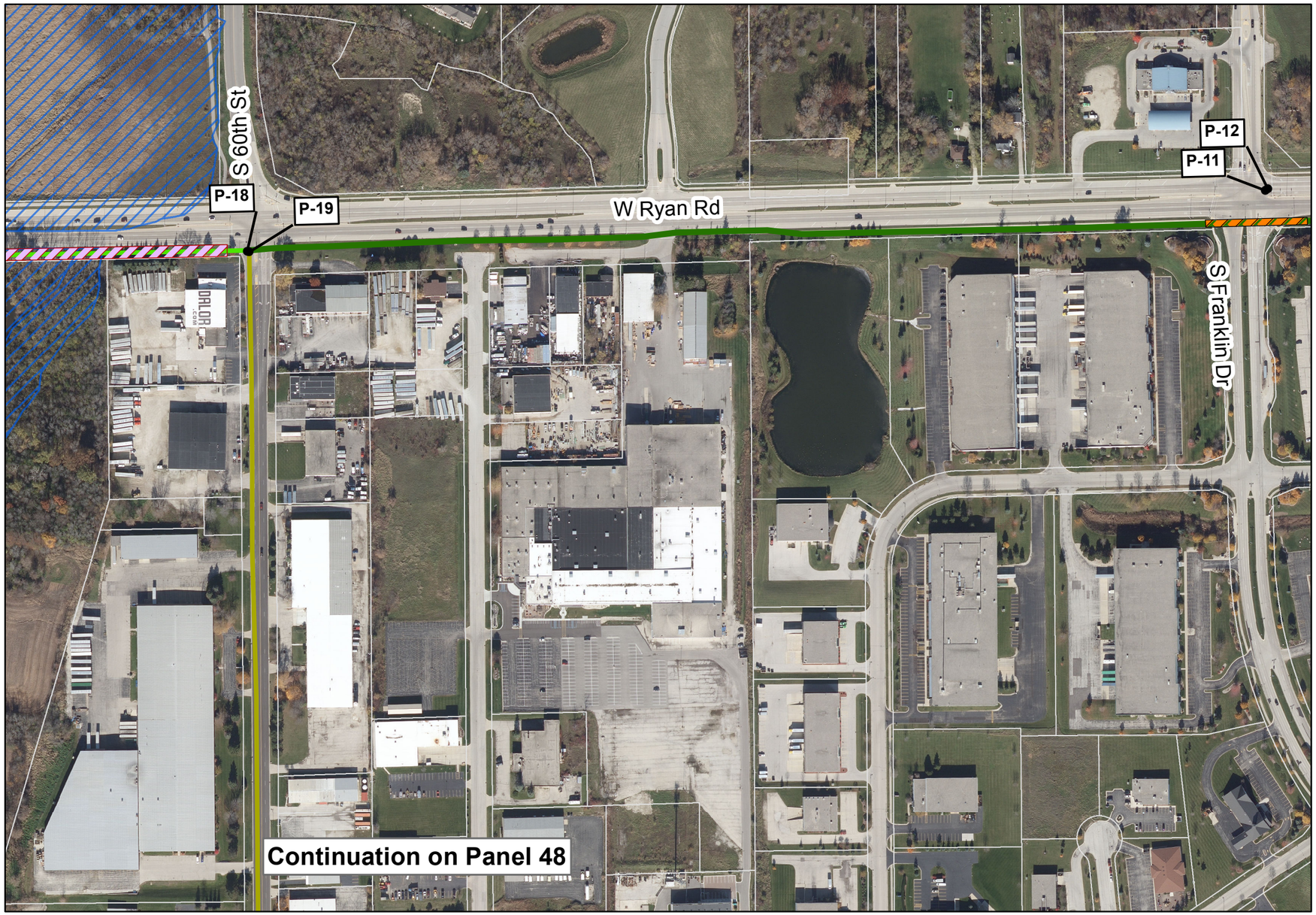

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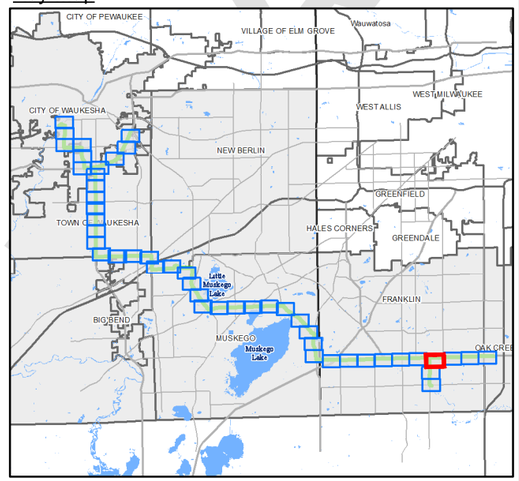

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Route Alternative 4 - Panel 4 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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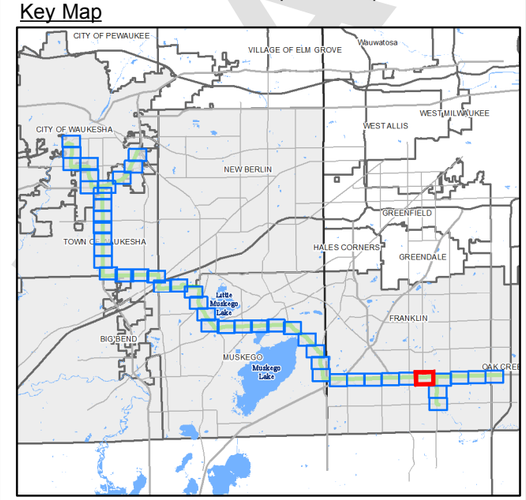

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0 150 300 600 feet

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Route Alternative 4 - Panel 5 of 48

Date: 5/29/2018

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Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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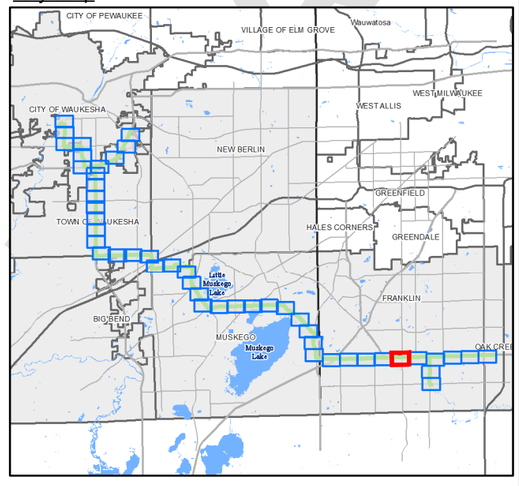

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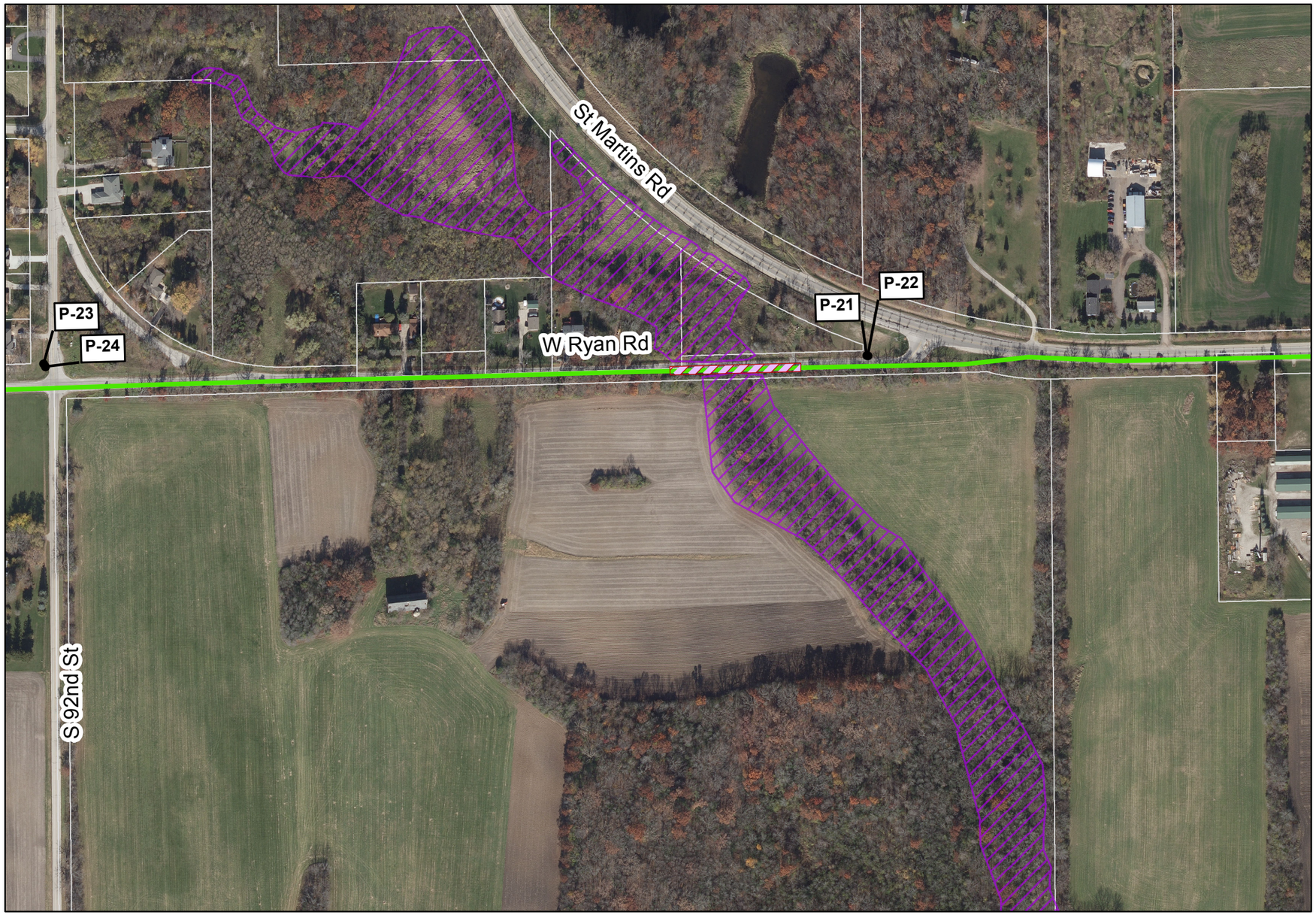
Route Alternative 4 - Panel 6 of 48

Date: 5/29/2018

DRAFT

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
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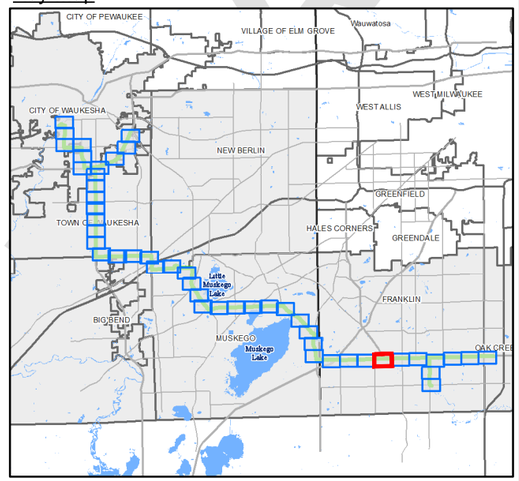
- Route Alternative 4 - Water Supply Pipeline
- Route Alternative 4 - Return Flow Pipeline
- Route Alternative 4 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 7 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

Legend

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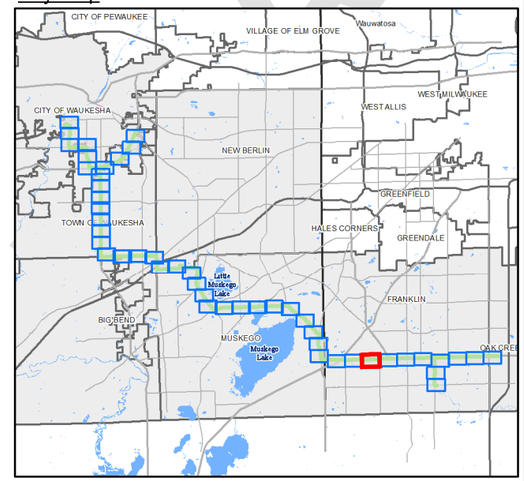
Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 8 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

Legend

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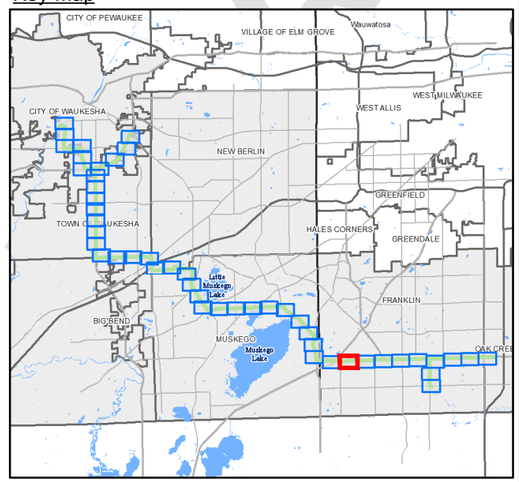
Key Map



1" = 300'

0 150 300 600 feet

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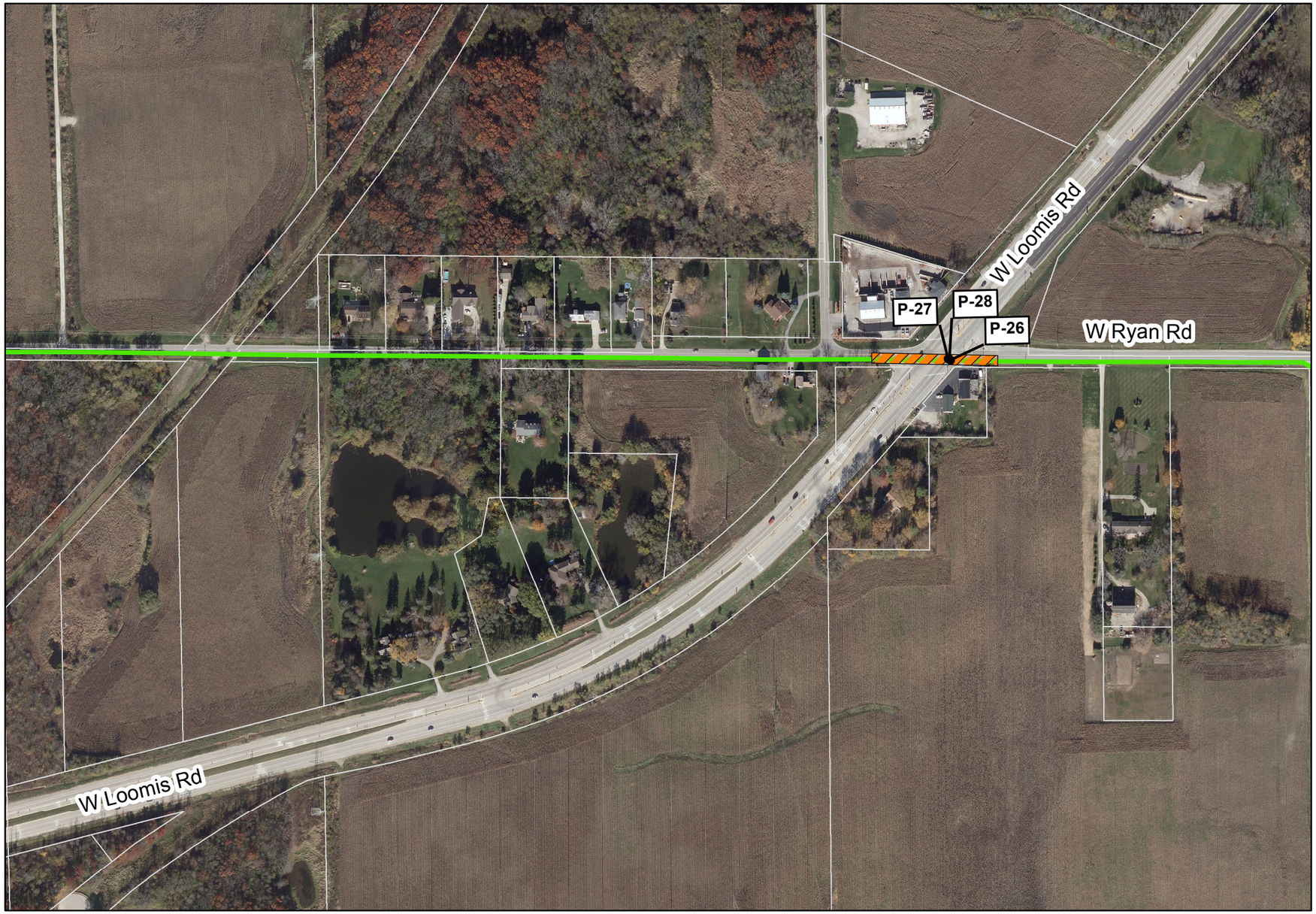
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 9 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

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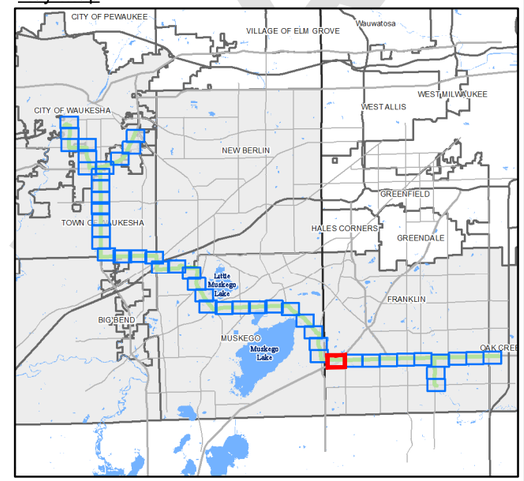
Key Map



1" = 300'
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Great Lakes Water Supply Program

Route Alternative 4 - Panel 10 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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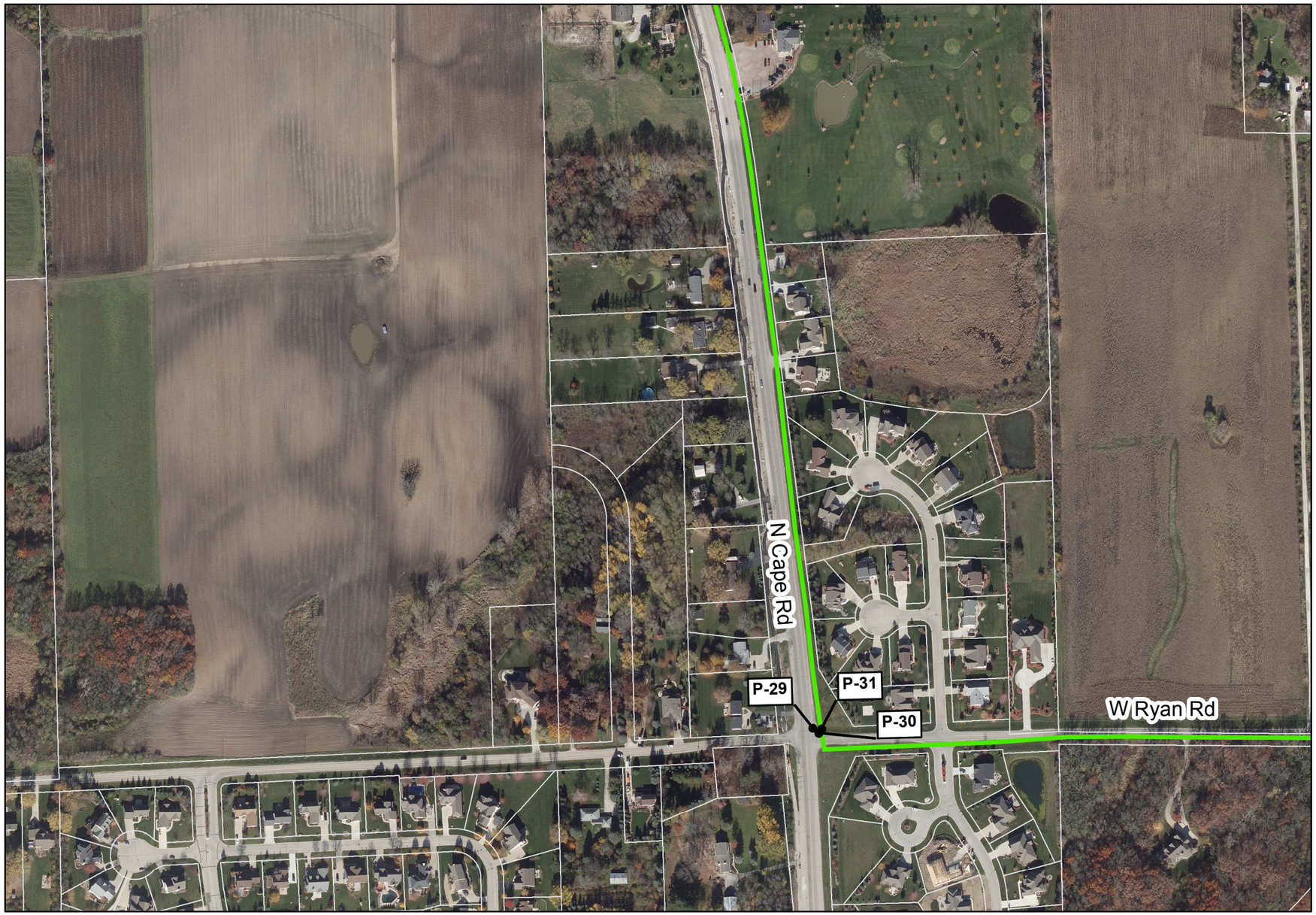

Legend

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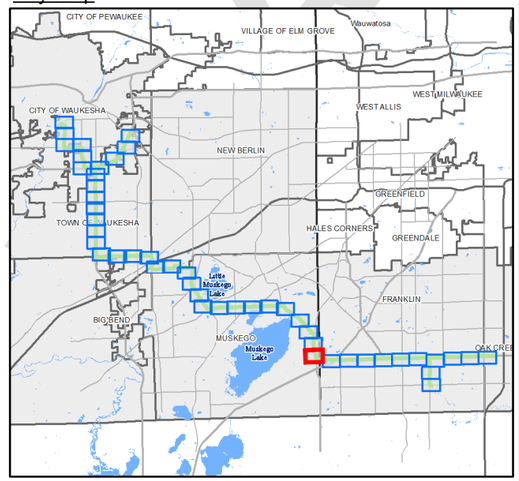
- Route Alternative 4 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 11 of 48

Date: 5/29/2018

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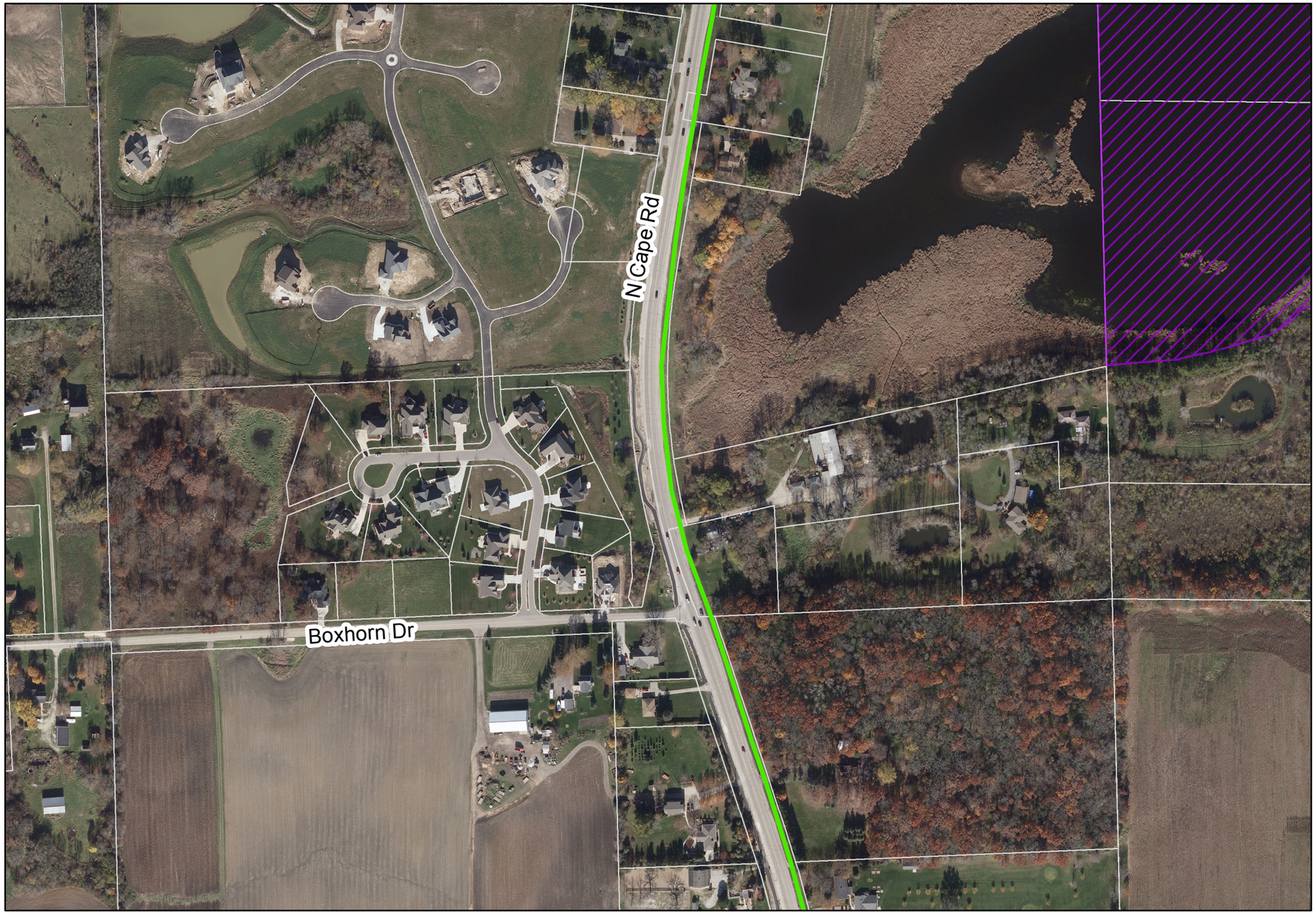
Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

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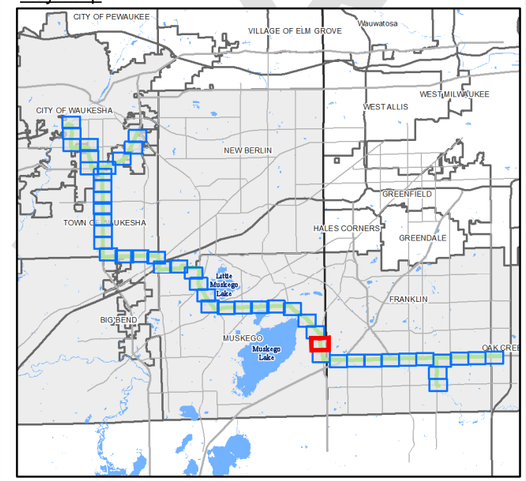

1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 12 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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- P-# Photo ID from Field Investigation See Route Descriptions for photos

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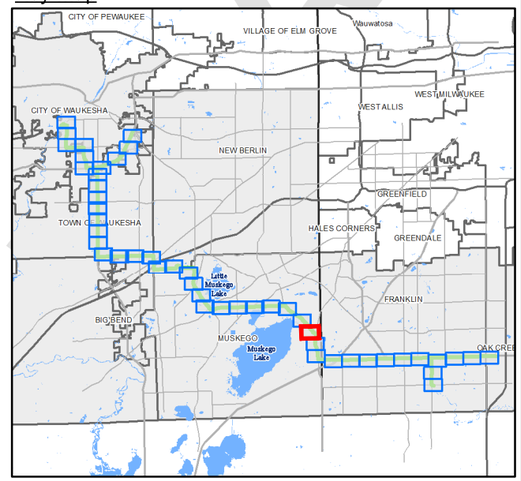

1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 13 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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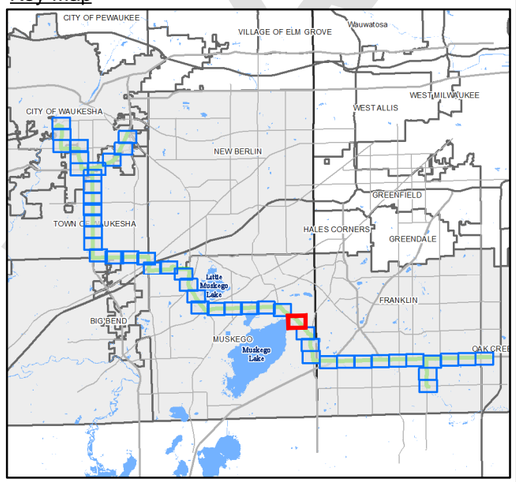
- P-# Photo ID from Field Investigation. See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 14 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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- P-# Photo ID from Field Investigation
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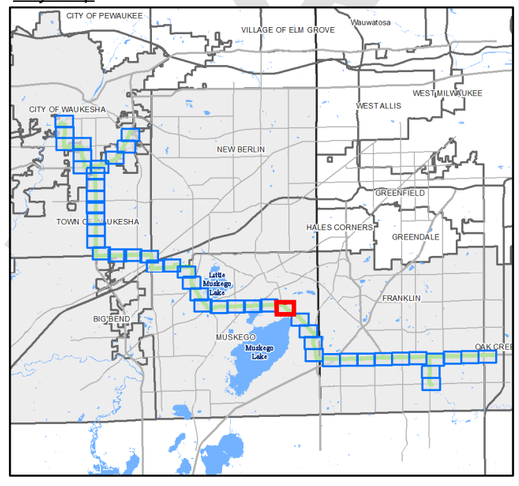
Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 15 of 48

Date: 5/29/2018

Plotted: 5/29/2018
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Legend

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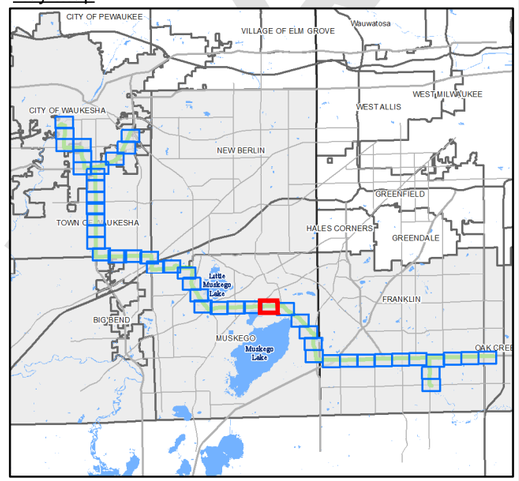
Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 16 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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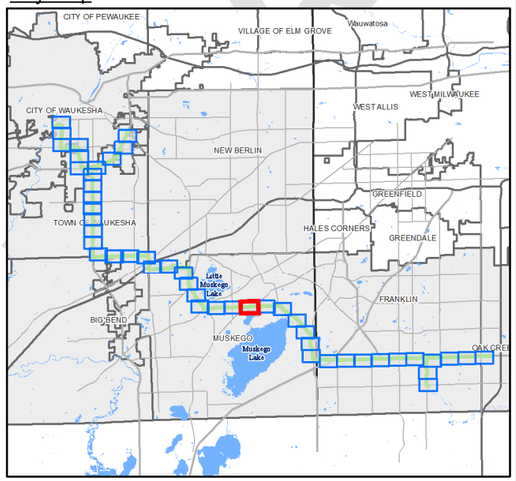

1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 17 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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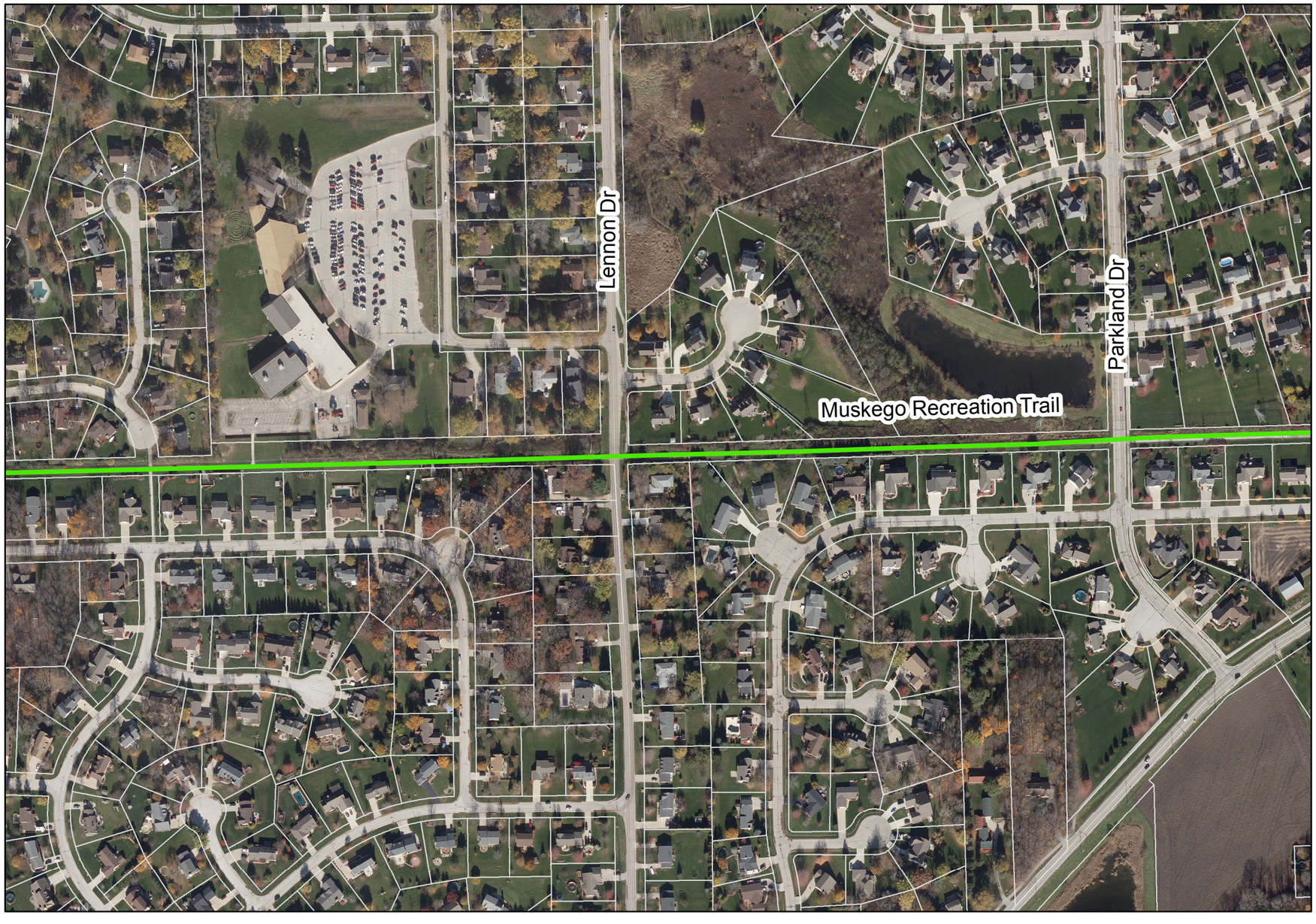

Legend

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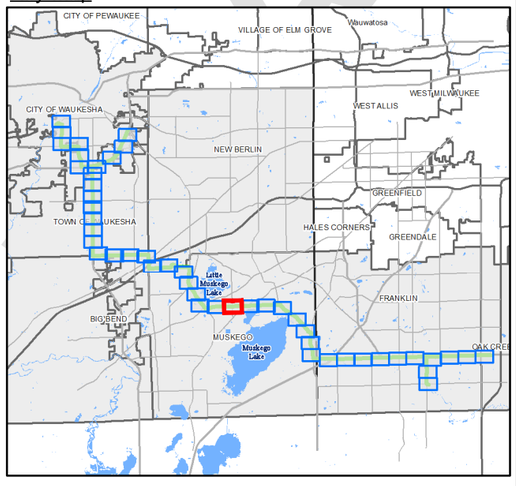
Key Map



1" = 300'

0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 18 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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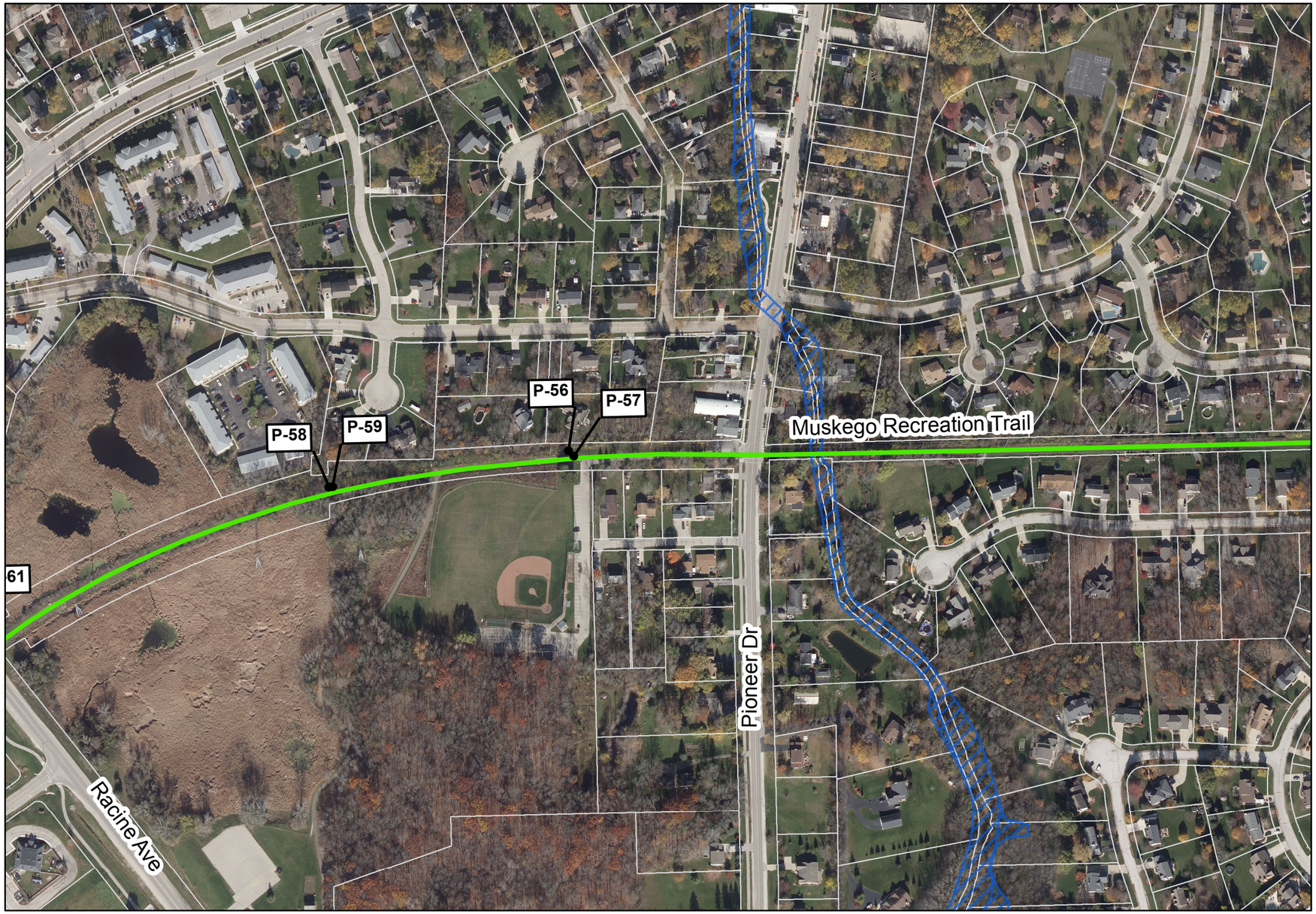

Legend

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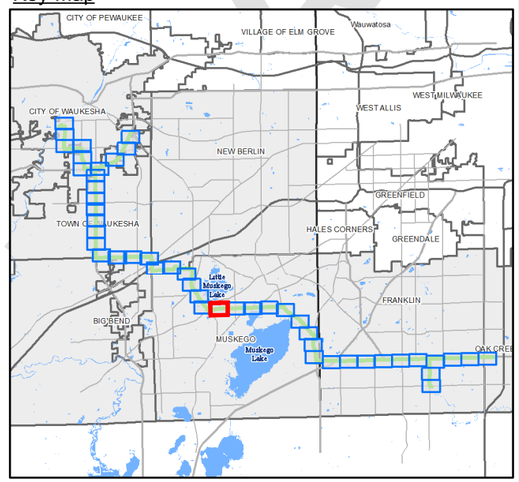
Key Map



1" = 300'
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Great Lakes Water Supply Program

Route Alternative 4 - Panel 19 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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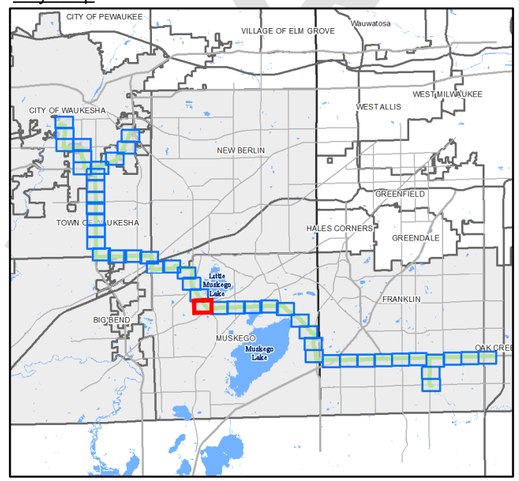
Key Map



1" = 300'
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Great Lakes Water Supply Program

Route Alternative 4 - Panel 20 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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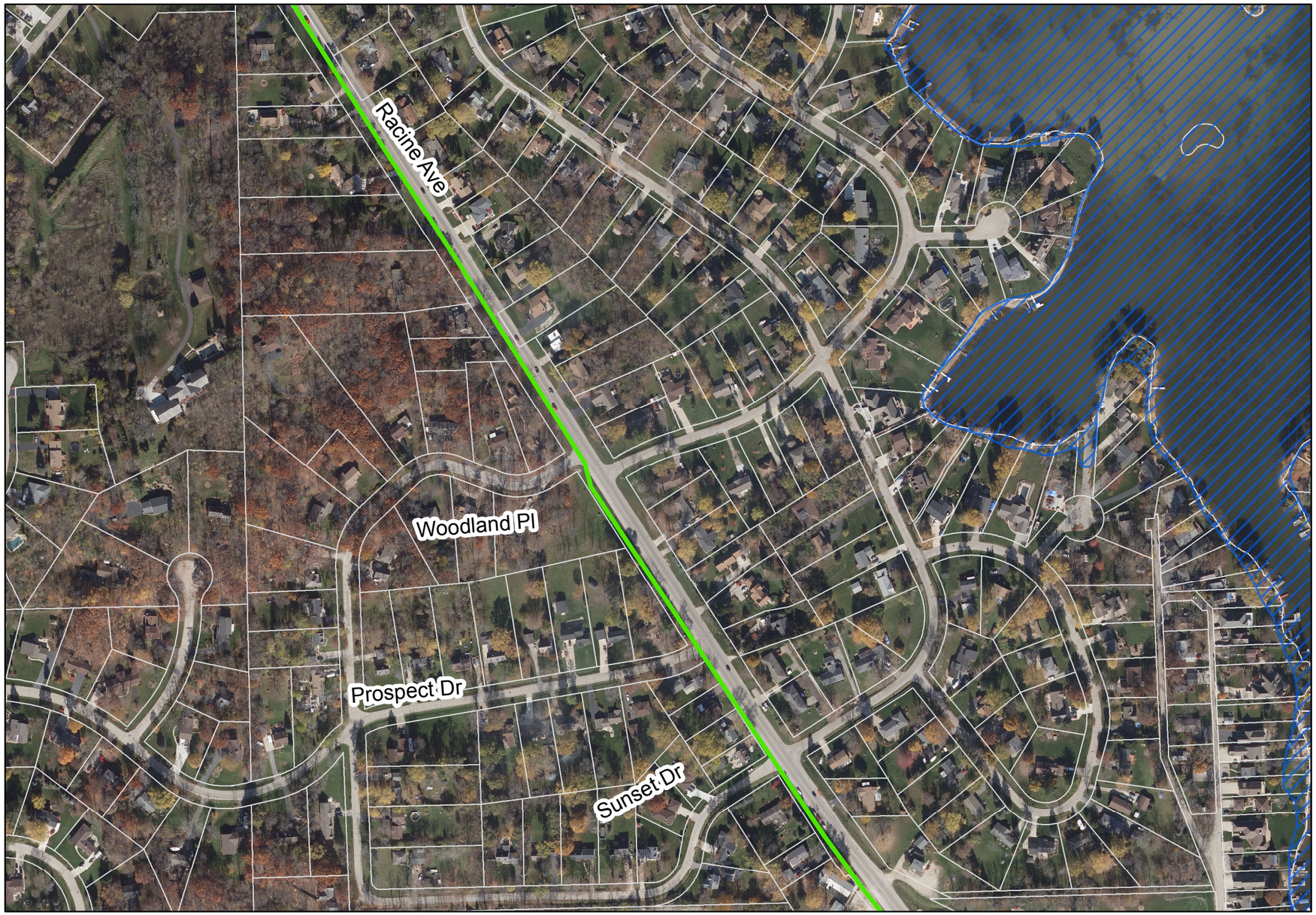

Legend

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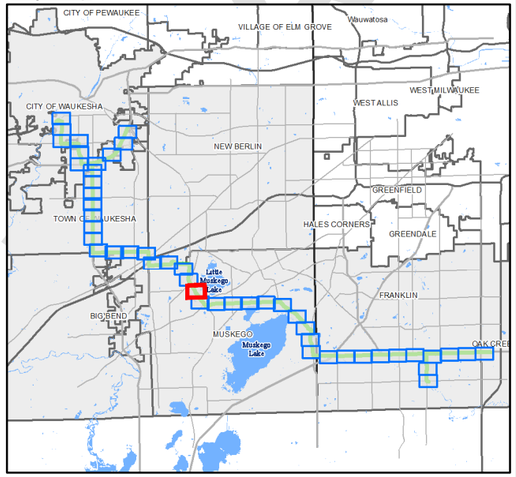

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0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 21 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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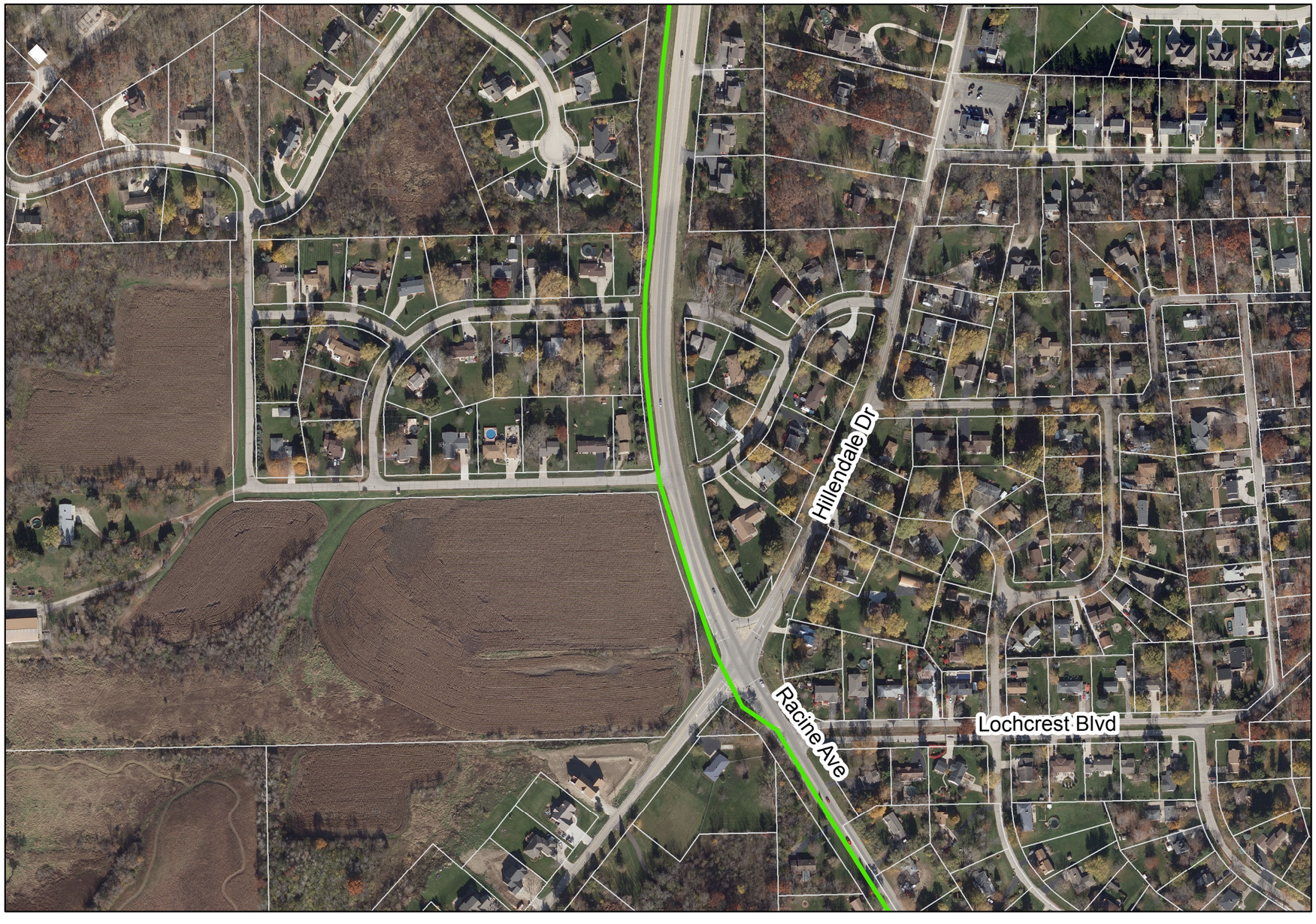

Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
- Photo-Interpreted Wetlands
- Tax Parcel
- Casing (Jack and Bore Method)
- Horizontal Directional Drilling (HDD)
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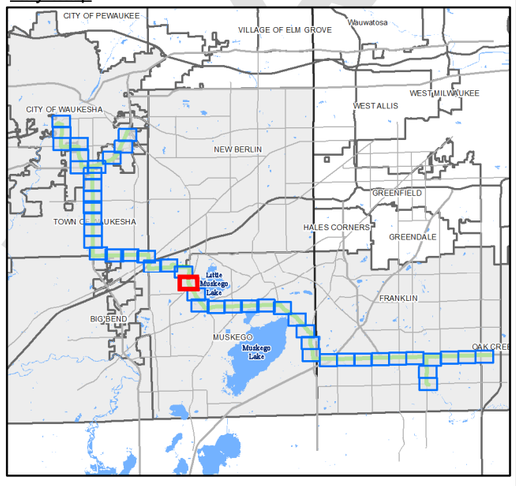
- Route Alternative 4 - Water Supply Pipeline
- Route Alternative 4 - Return Flow Pipeline
- Route Alternative 4 - Common Corridor
- P-# Photo ID from Field Investigation See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

DRAFT

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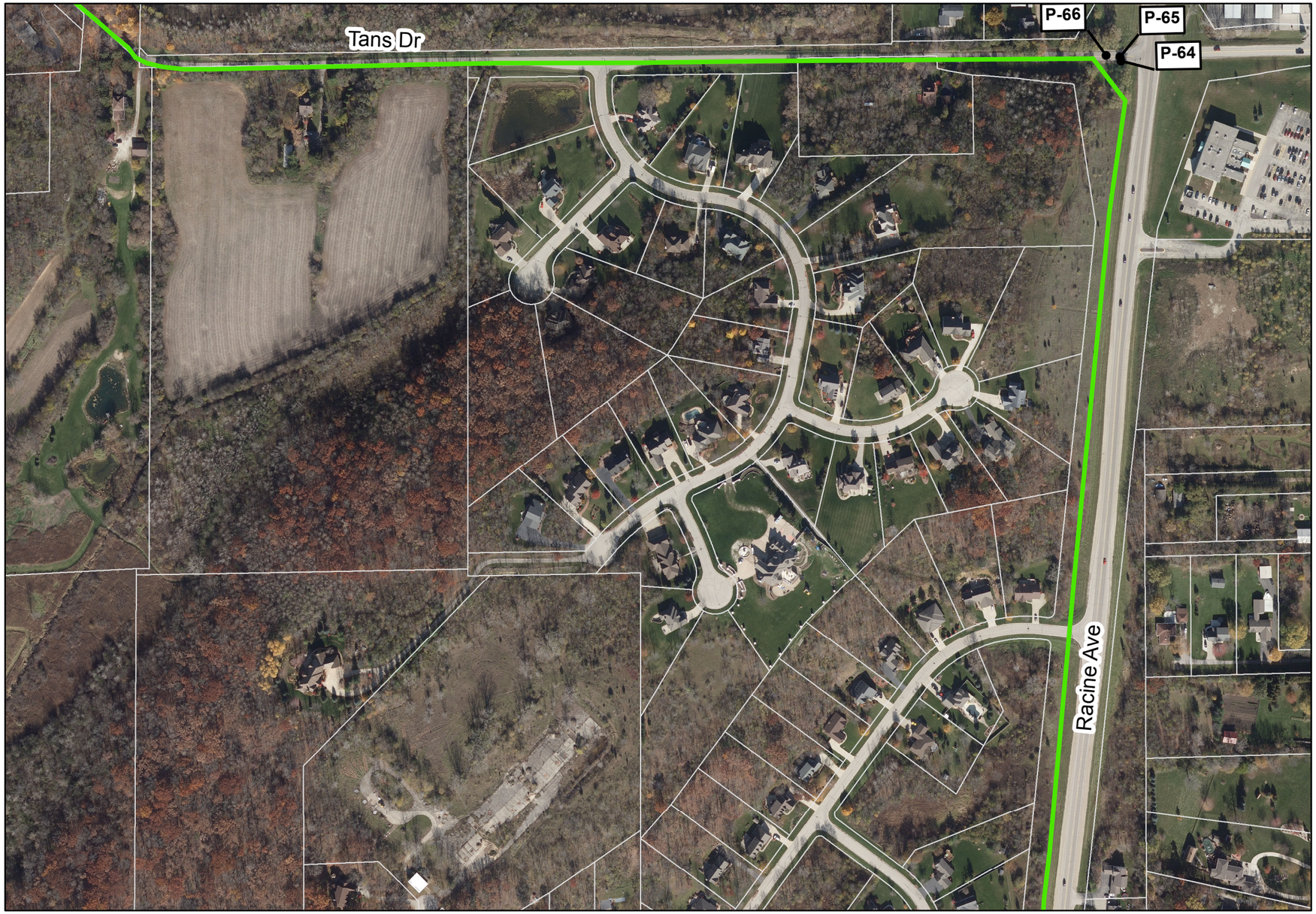
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 22 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

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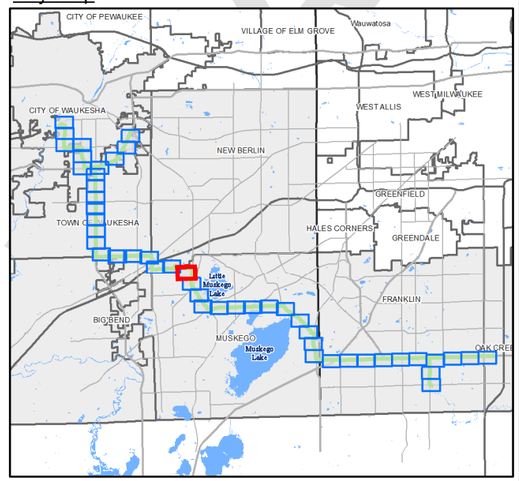
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 23 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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- Route Alternative 4 - Return Flow Pipeline
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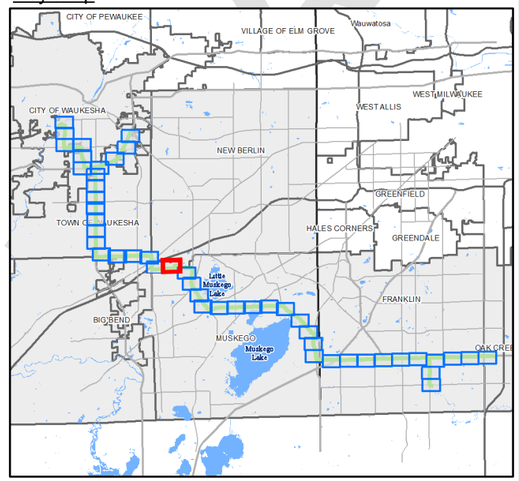
Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 24 of 48

Date: 5/29/2018

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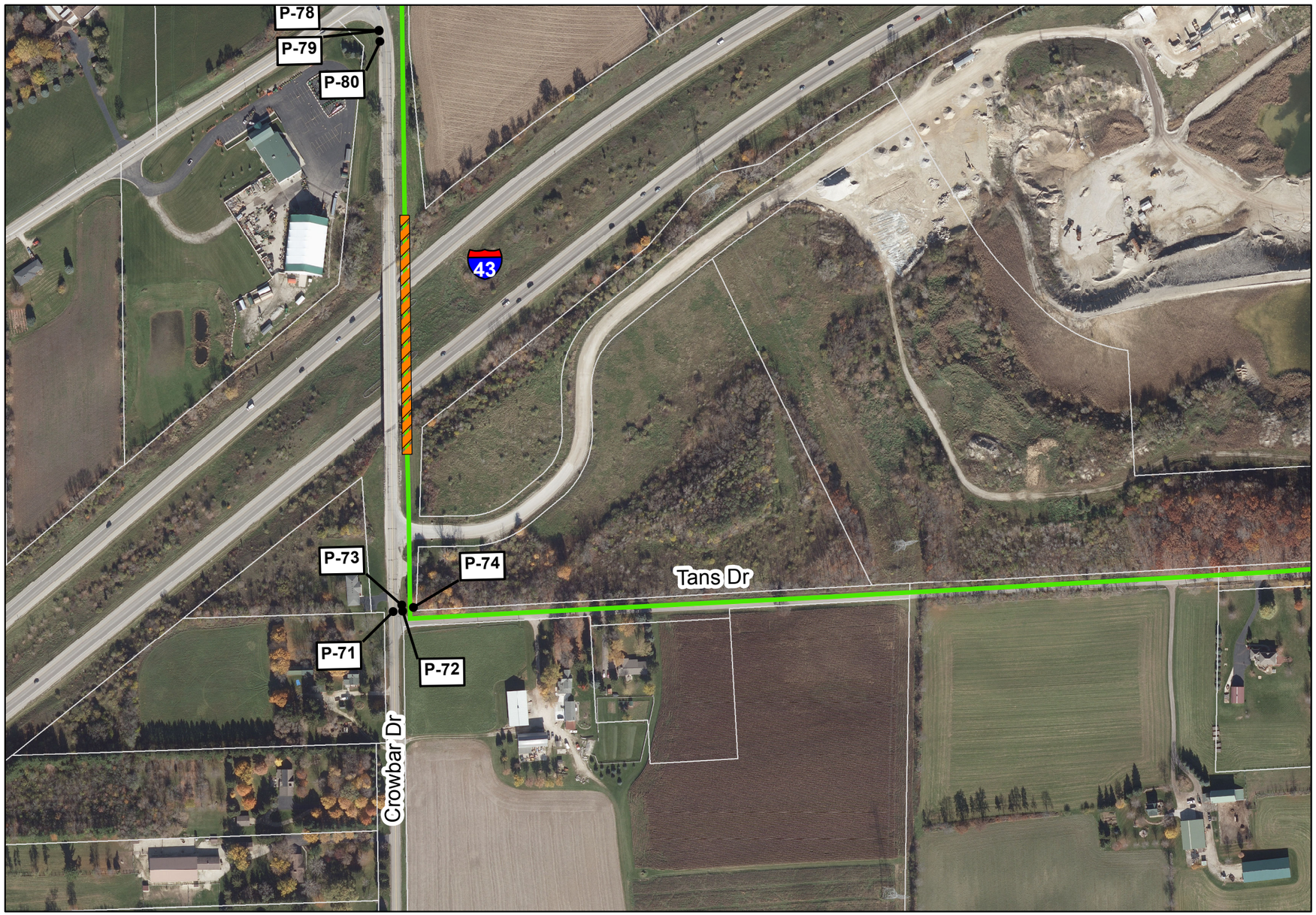
Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
- FEMA Flood Zone AE
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- P-# Photo ID from Field Investigation
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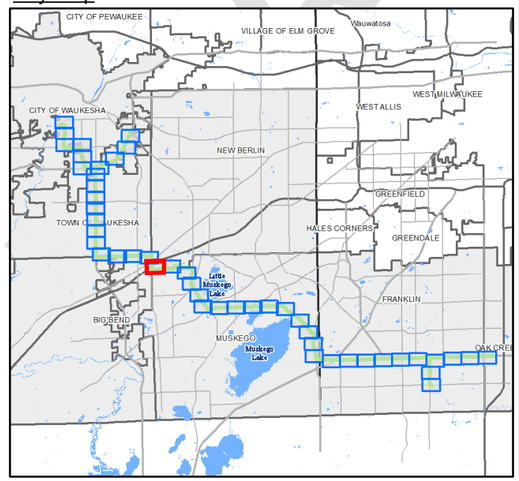
N

Key Map



1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 25 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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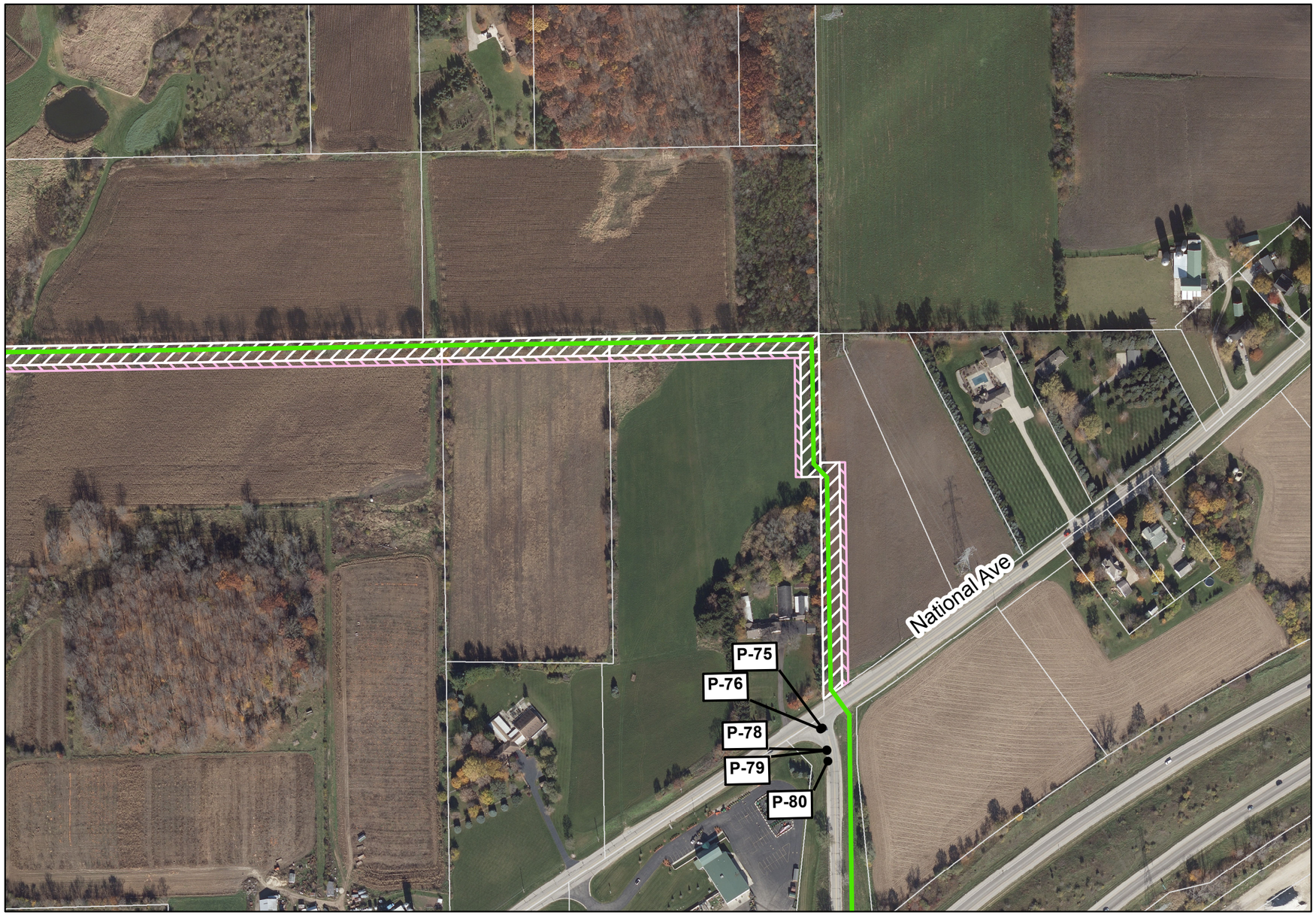

Legend

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- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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- P-# Photo ID from Field Investigation
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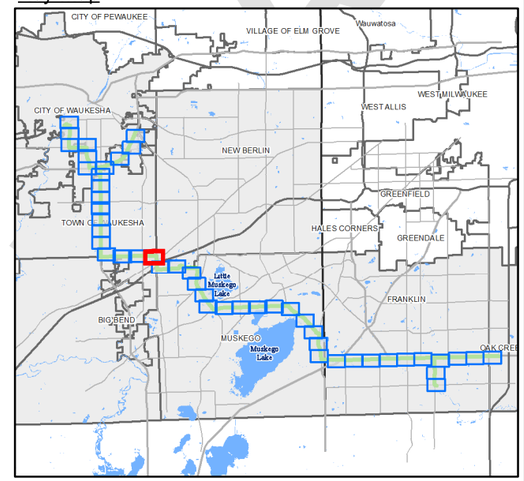
Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 26 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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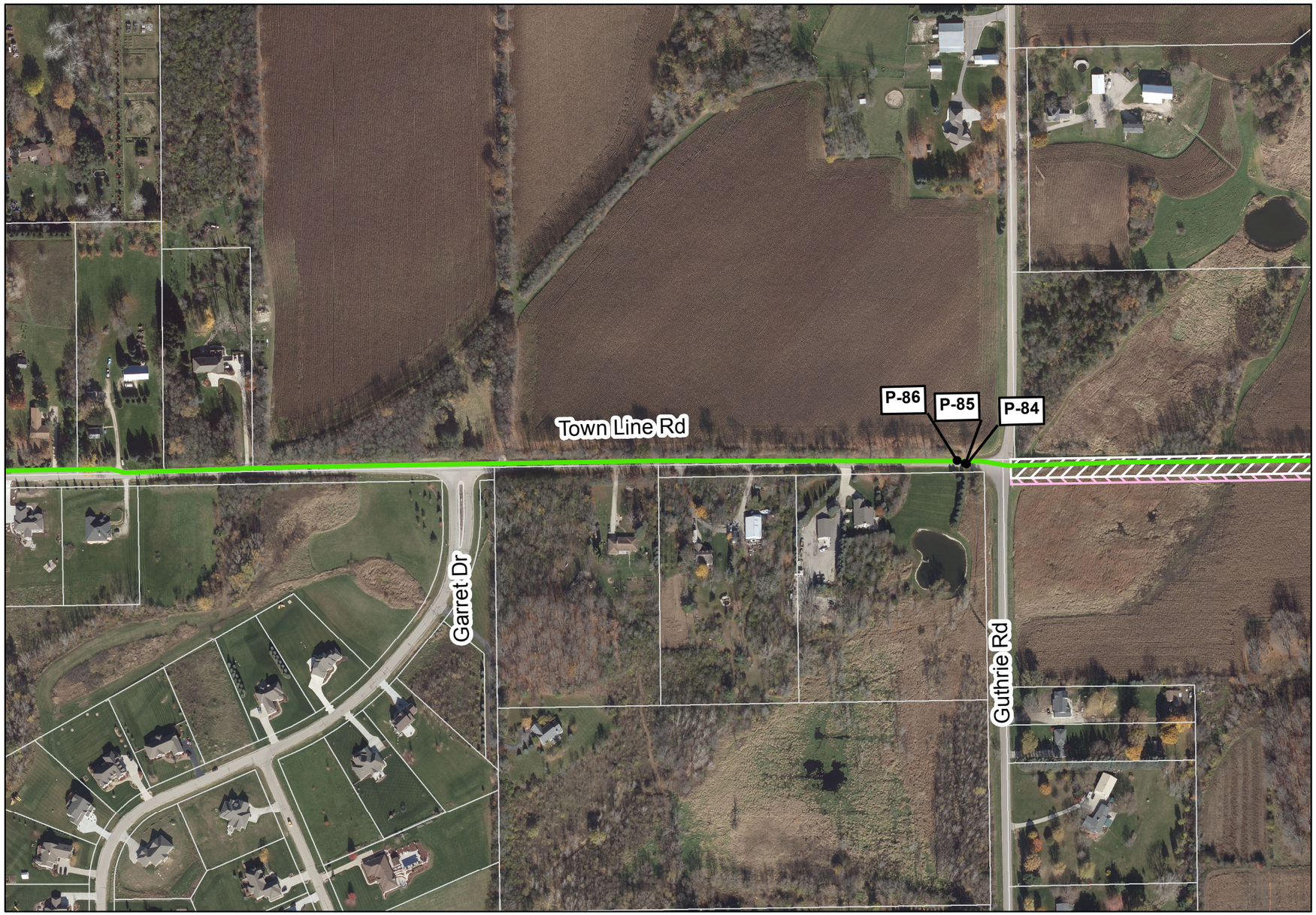

Legend

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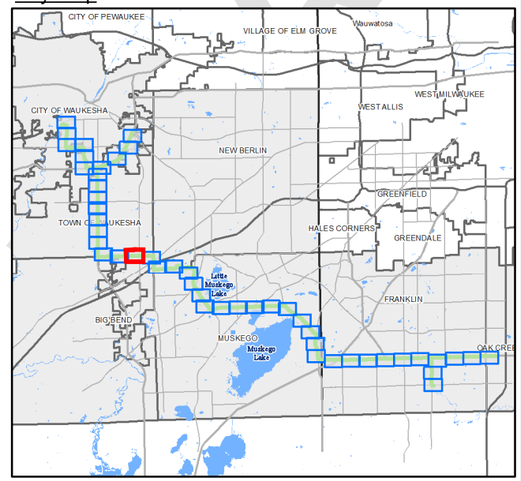
Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 27 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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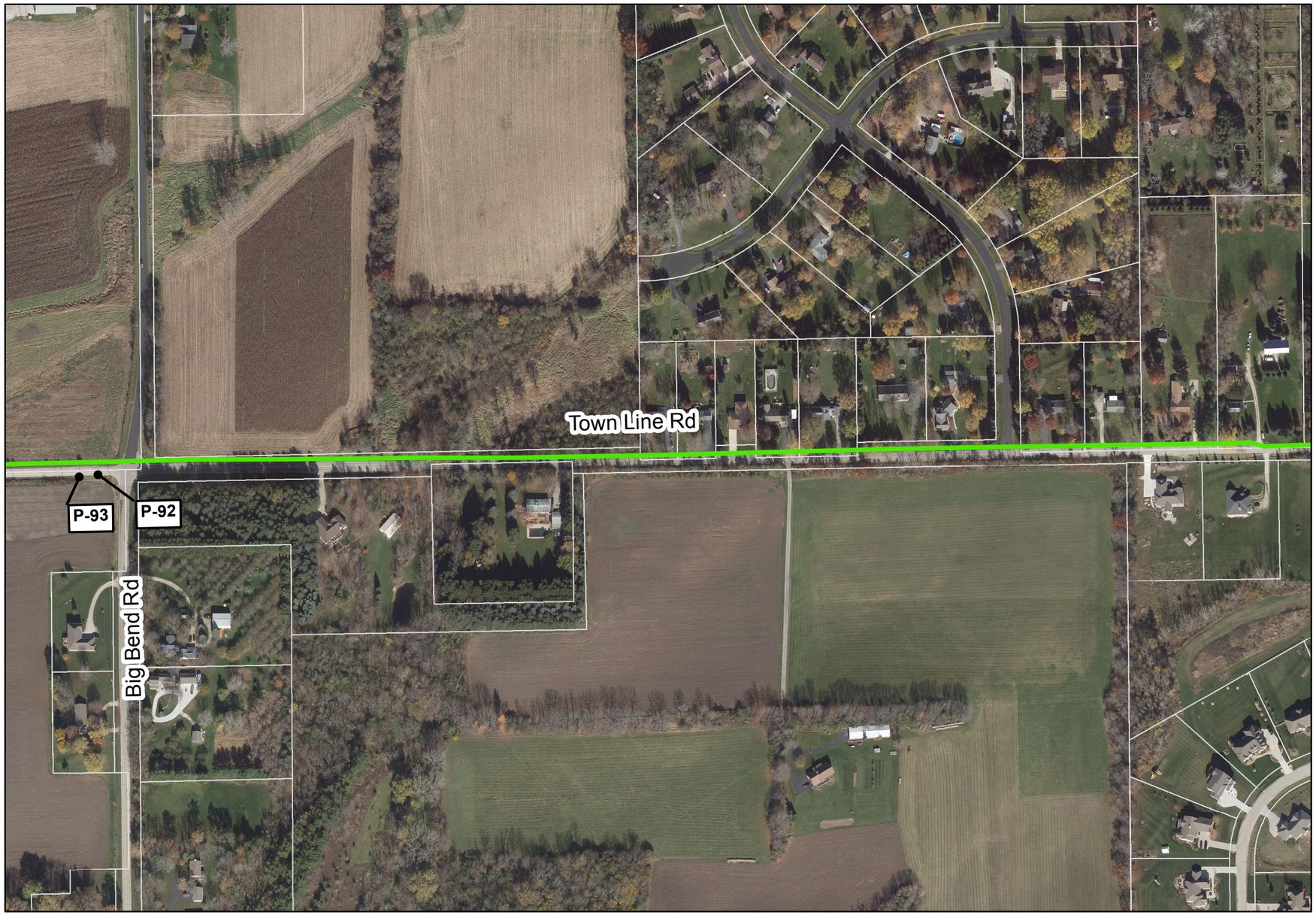

Legend

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- Route Alternative 4 - Return Flow Pipeline
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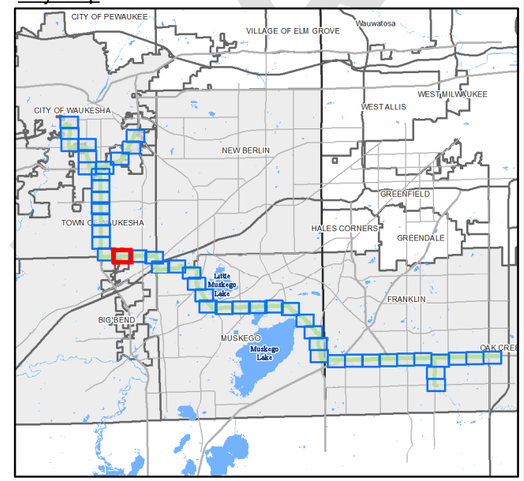
- P-# Photo ID from Field Investigation See Route Descriptions for photos

N

Key Map



1" = 300'

0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 28 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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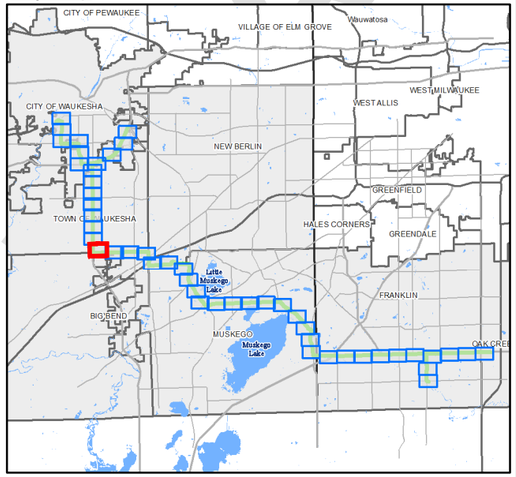
- Route Alternative 4 - Return Flow Pipeline
- Route Alternative 4 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

DRAFT

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Waukesha Water Utility
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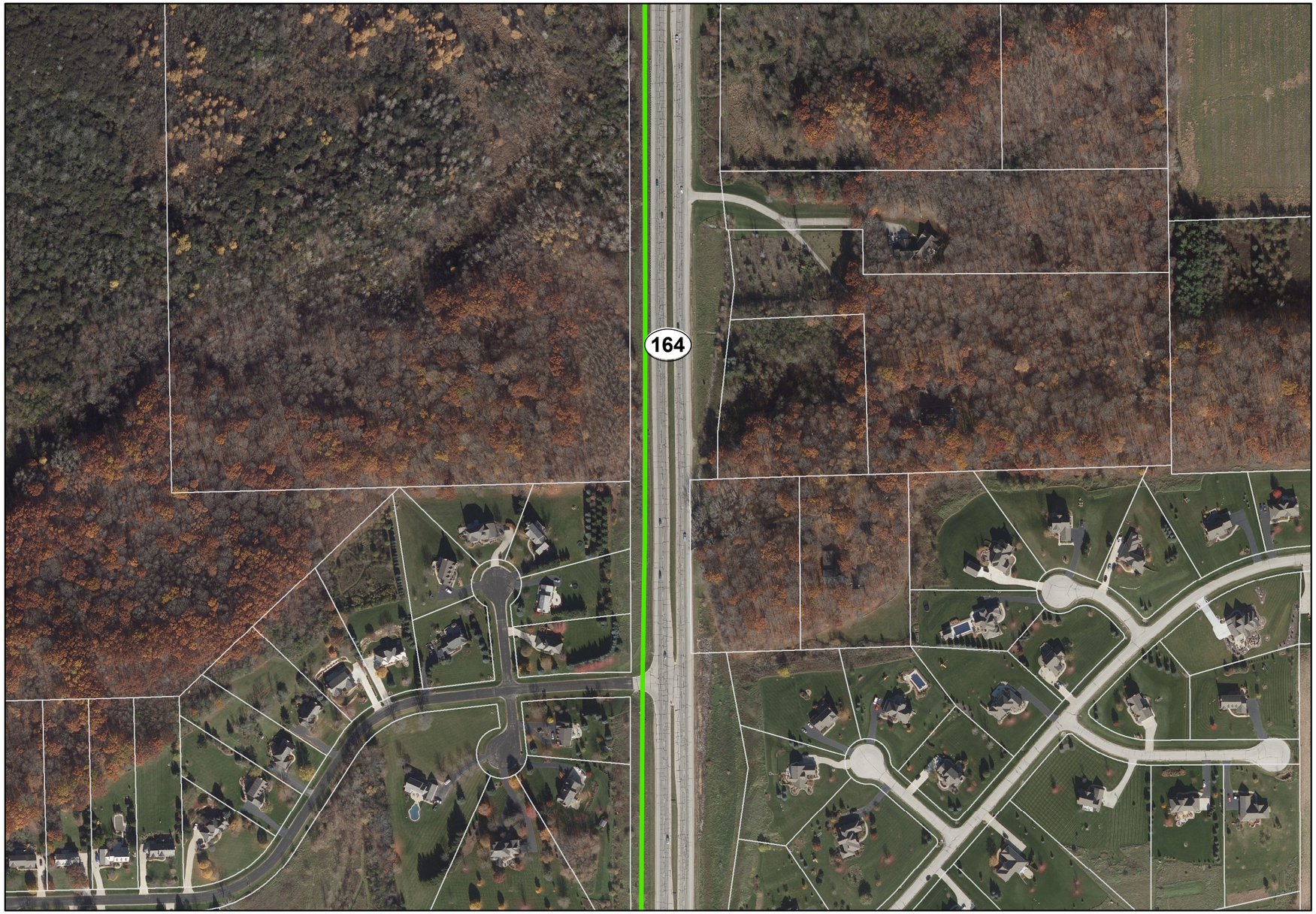
Great Lakes Water Supply Program

Route Alternative 4 - Panel 29 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

- FEMA Flood Zone A, (Unstudied)
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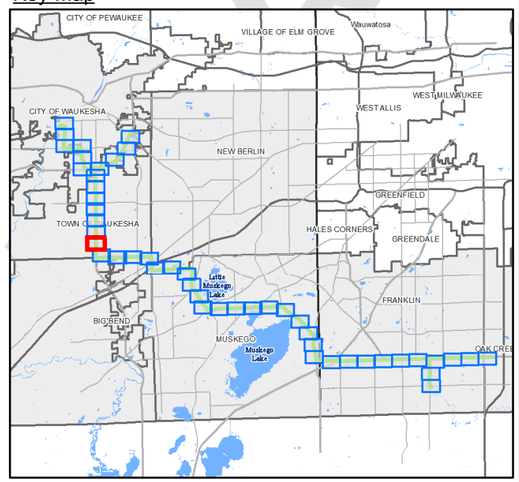
Key Map



1" = 300'
0 150 300 600 feet

DRAFT

GREAT WATER ALLIANCE™

Waukesha Water Utility
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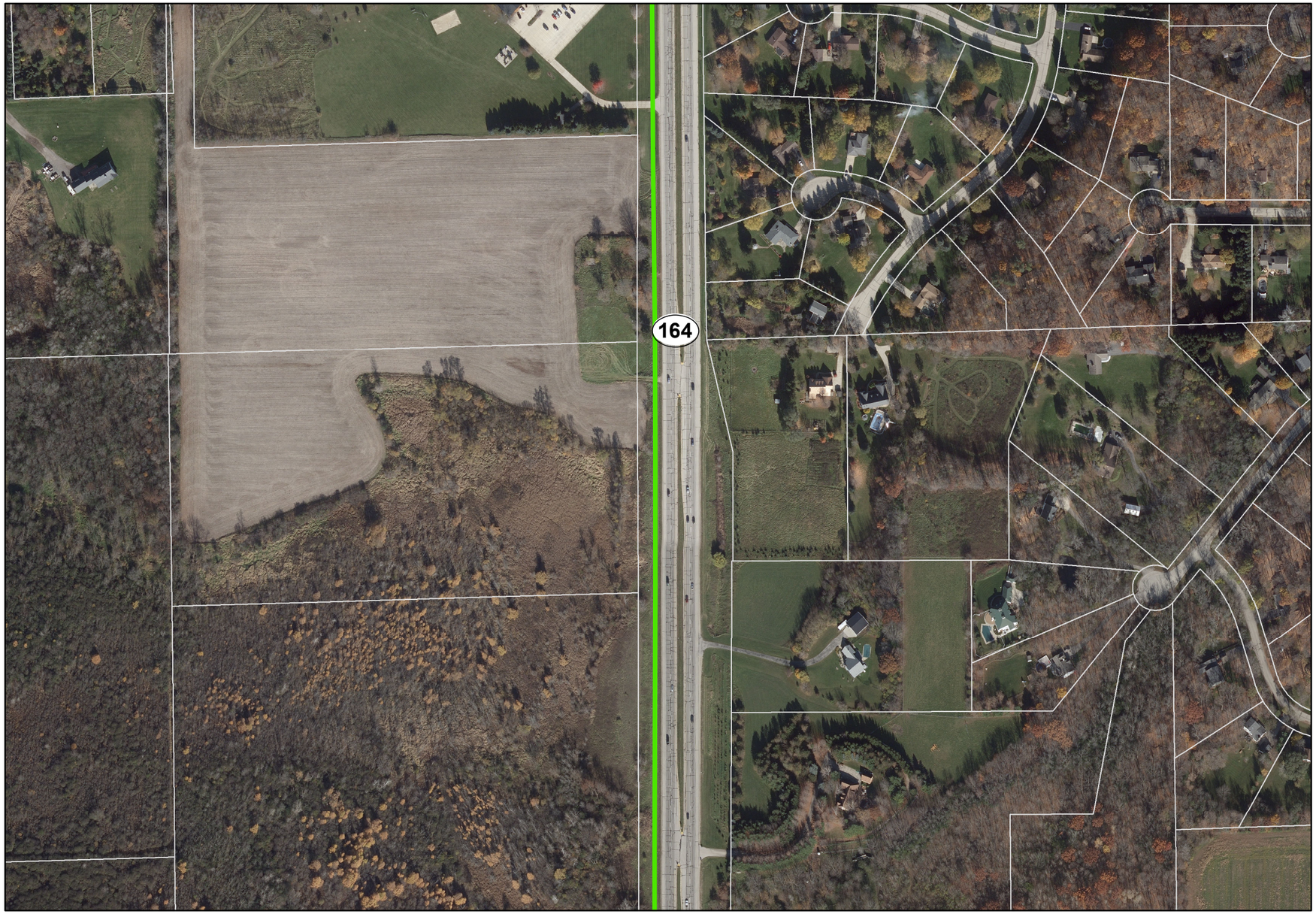
Waukesha, Wisconsin 53186

Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 30 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

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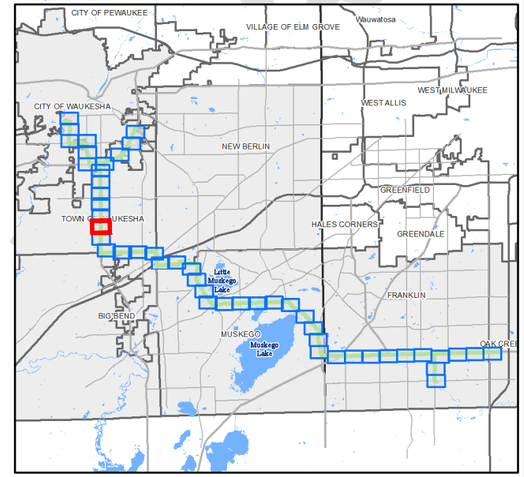

1" = 300'
0 150 300 600 feet

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 31 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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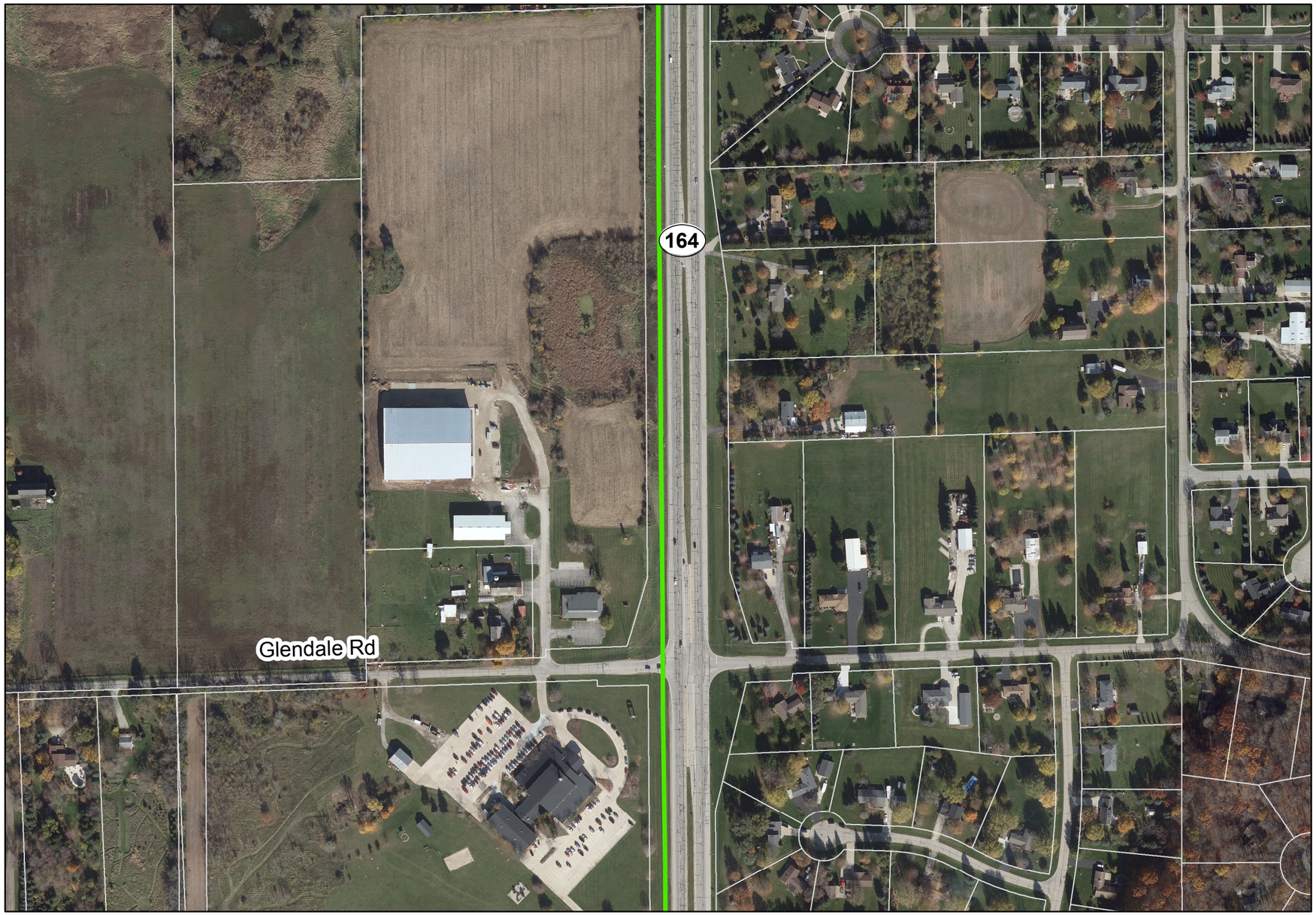

Legend

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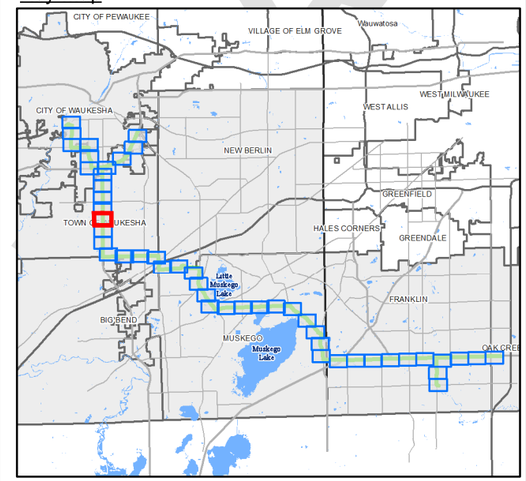
N

Key Map



1" = 300'

0 150 300 600 feet

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GREELEY AND HANSEN
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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 32 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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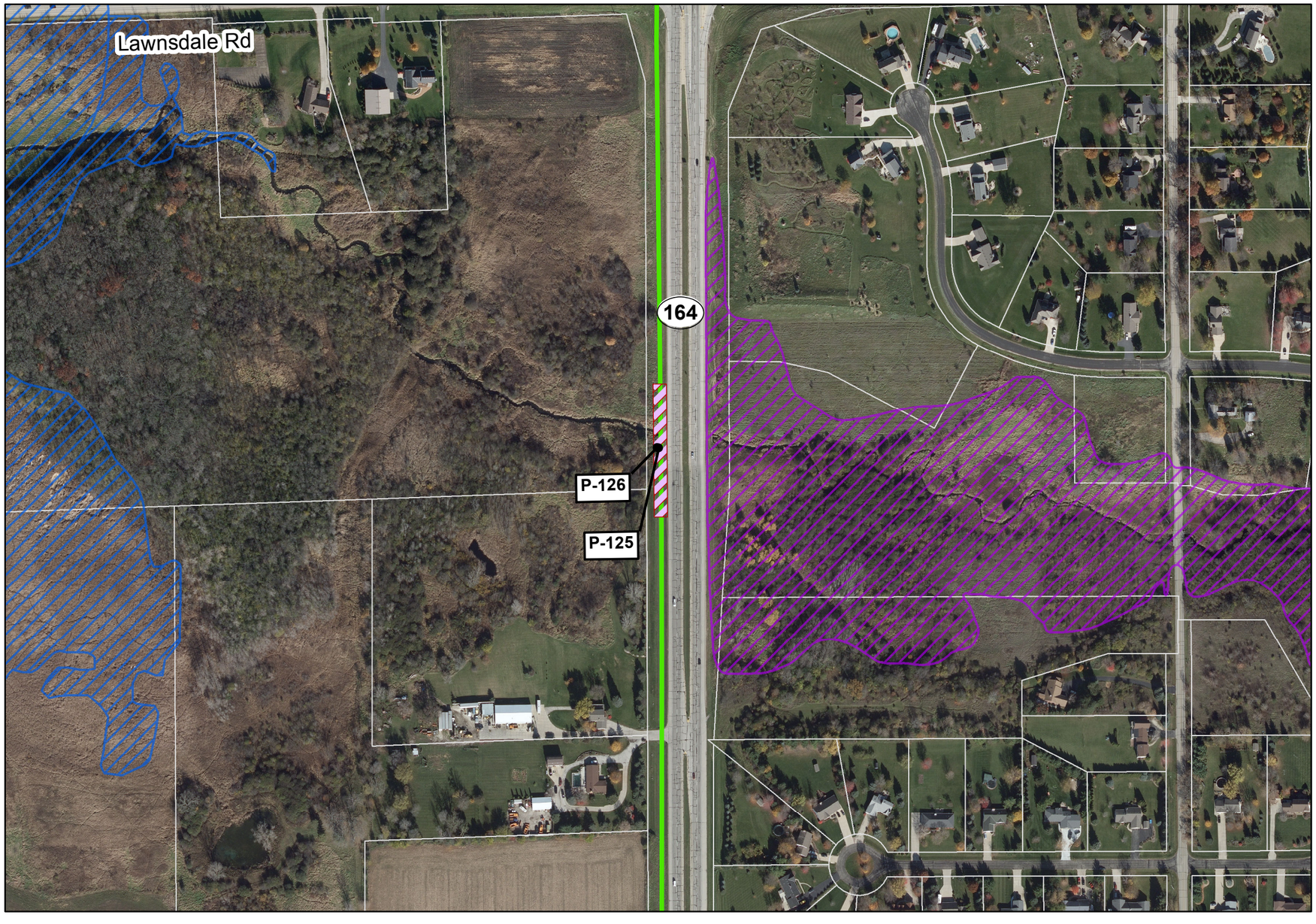

Legend

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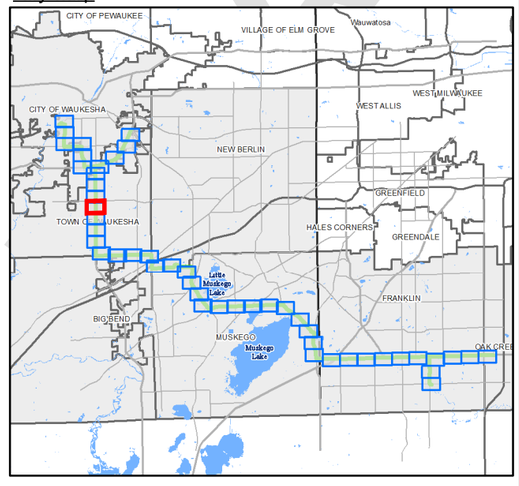

1" = 300'

0 150 300 600 feet

DRAFT

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Waukesha Water Utility
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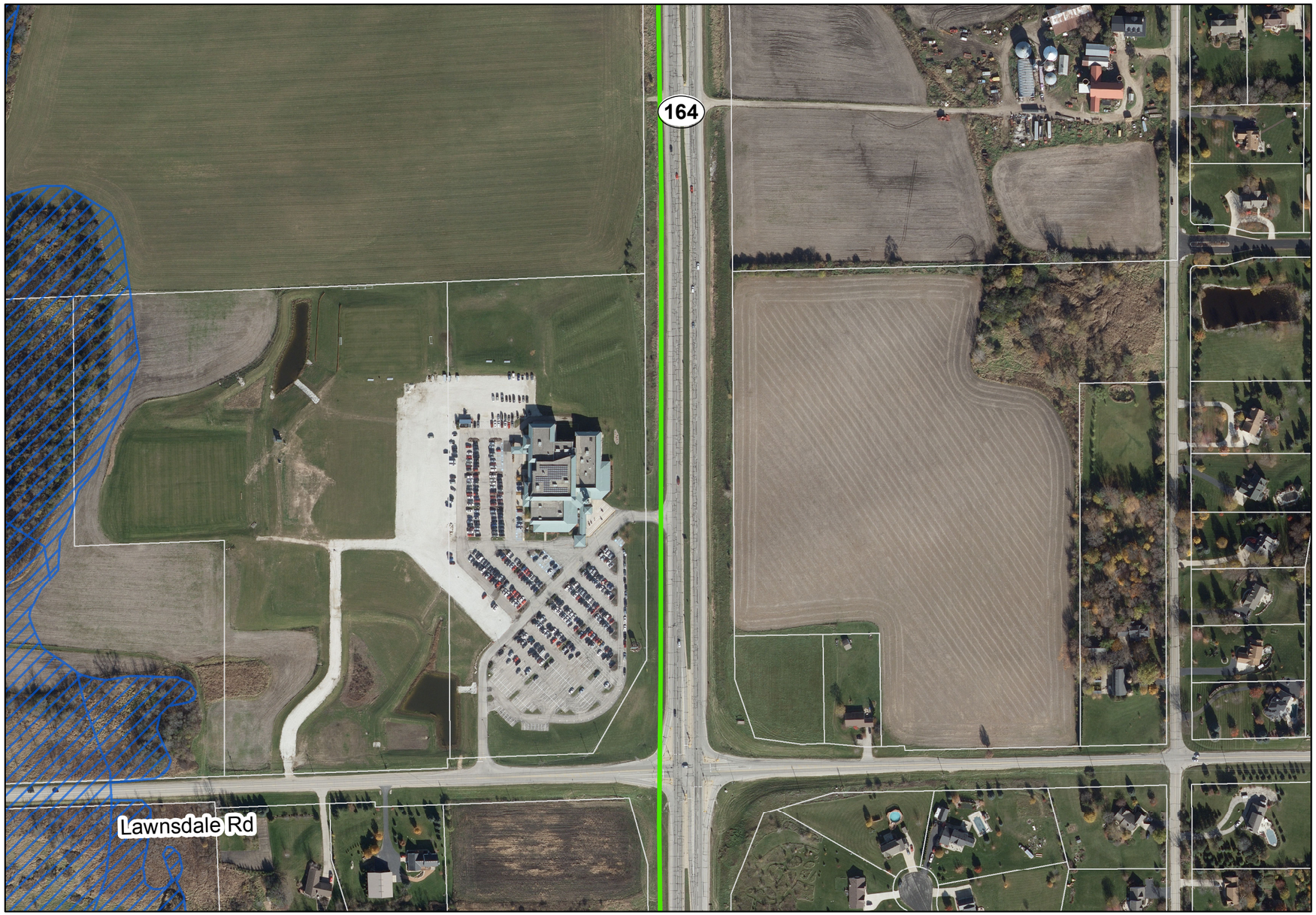
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 33 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

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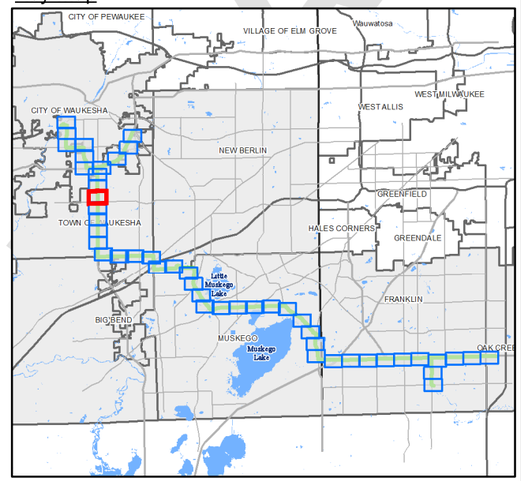

1" = 300'
0 150 300 600 feet

DRAFT

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 34 of 48

Date: 5/29/2018

Legend

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- FEMA Flood Zone AE
- Wisconsin Wetlands Inventory
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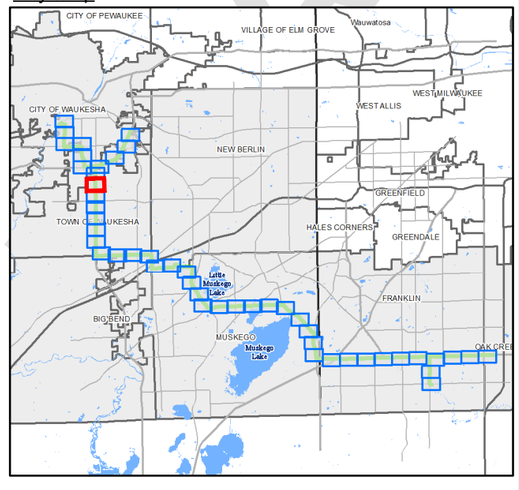

1" = 300'
0 150 300 600 feet

DRAFT

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Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 35 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

Legend

- FEMA Flood Zone A, (Unstudied)
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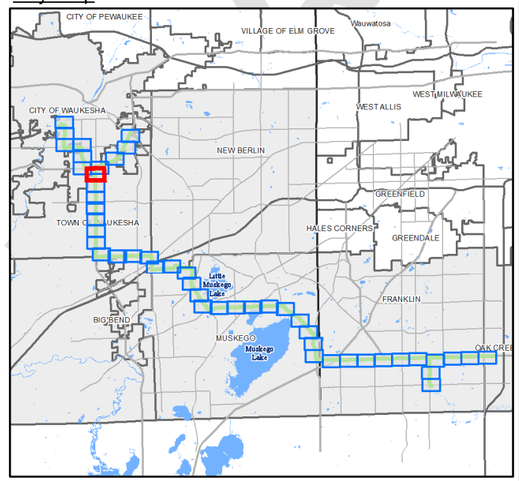
- Route Alternative 4 - Return Flow Pipeline
- Route Alternative 4 - Common Corridor
- P-# Photo ID from Field Investigation
  See Route Descriptions for photos

Key Map



1" = 300'
0 150 300 600 feet

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Route Alternative 4 - Panel 36 of 48

Date: 5/29/2018

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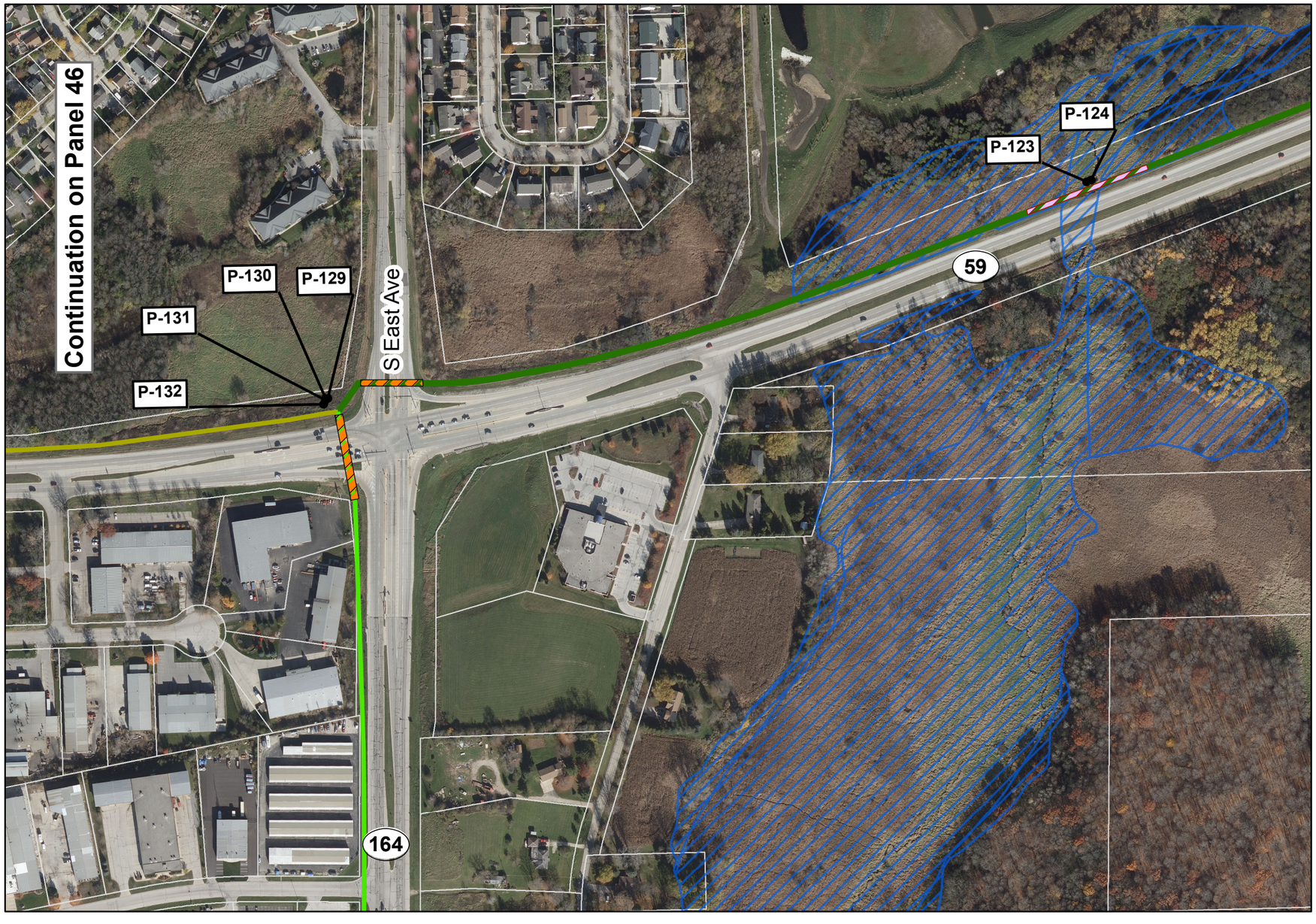
Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

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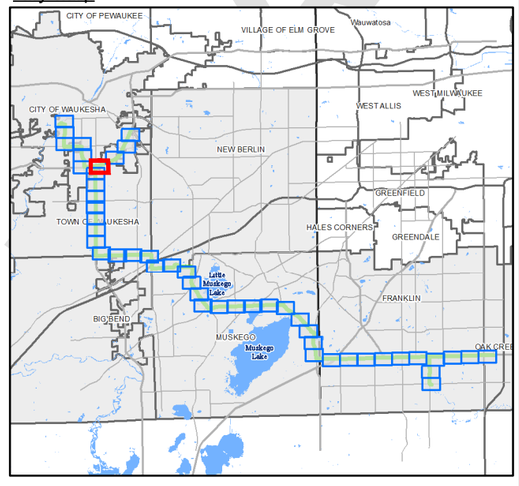

1" = 300'

0 150 300 600 feet

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Route Alternative 4 - Panel 37 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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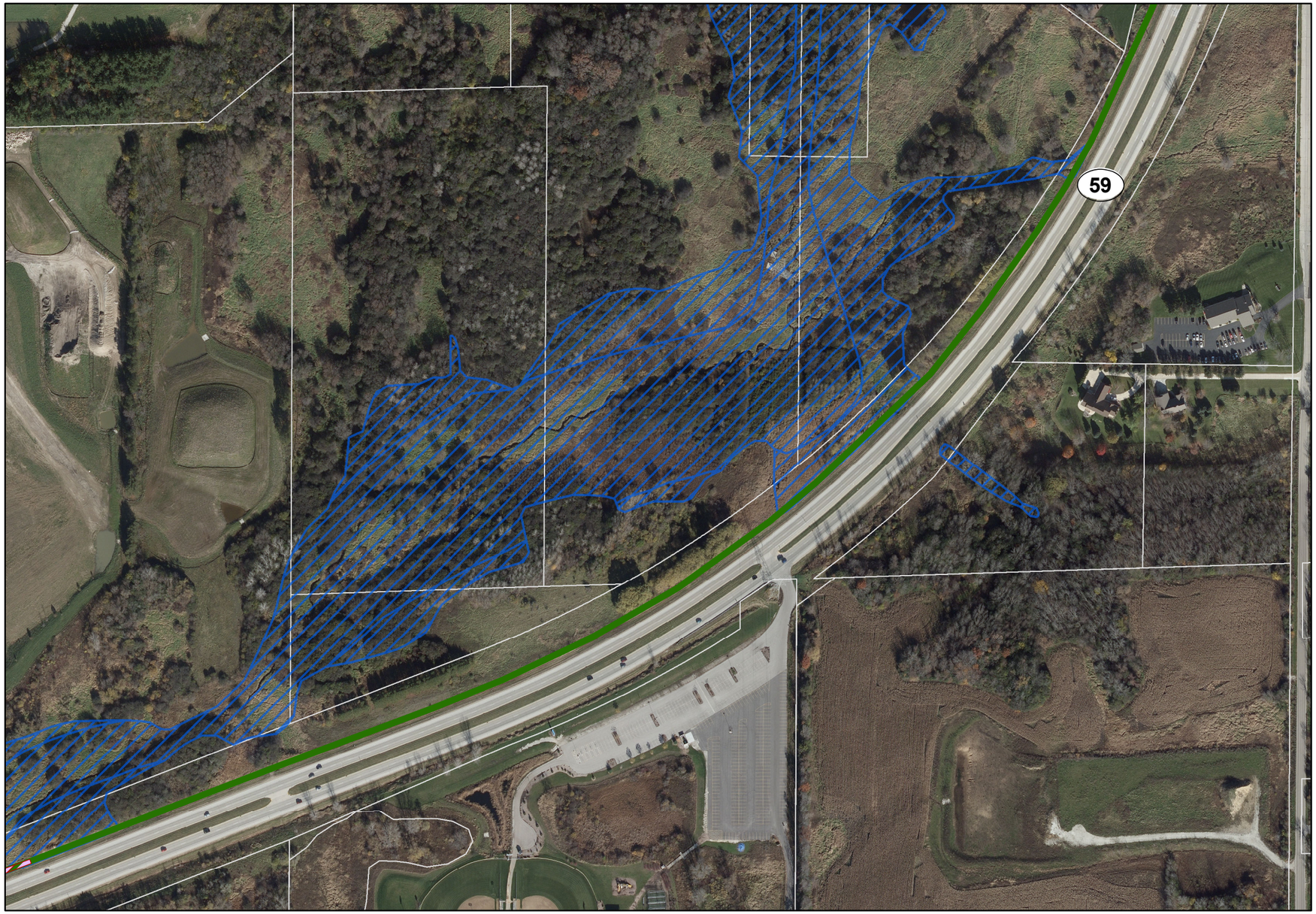

Legend

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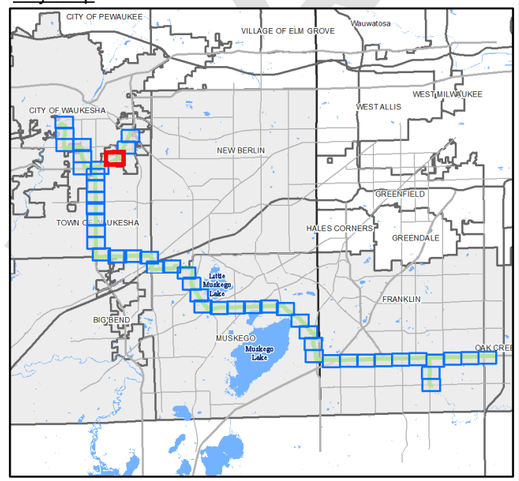
N

Key Map



1" = 300'
0 150 300 600 feet

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Route Alternative 4 - Panel 38 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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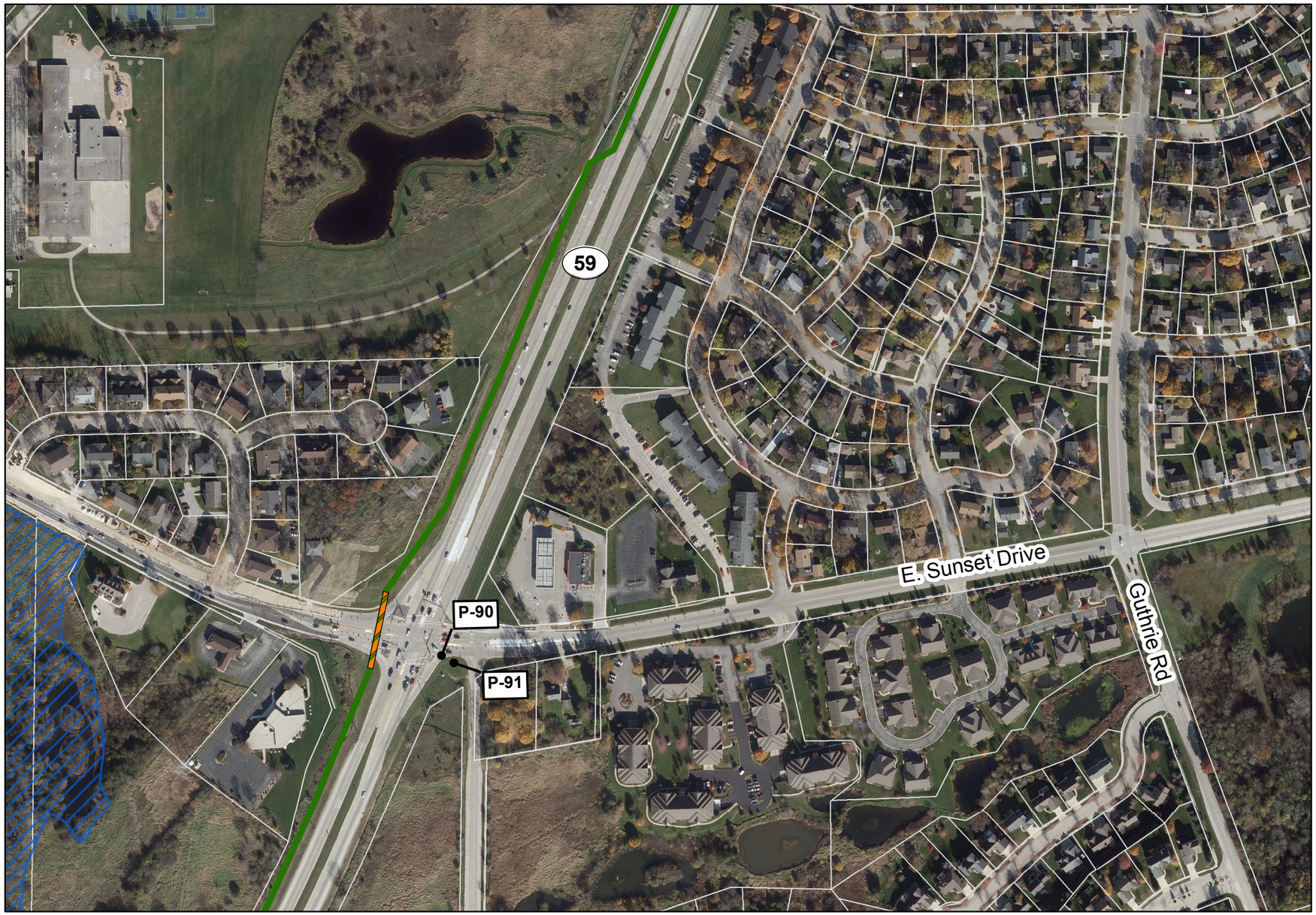

Legend

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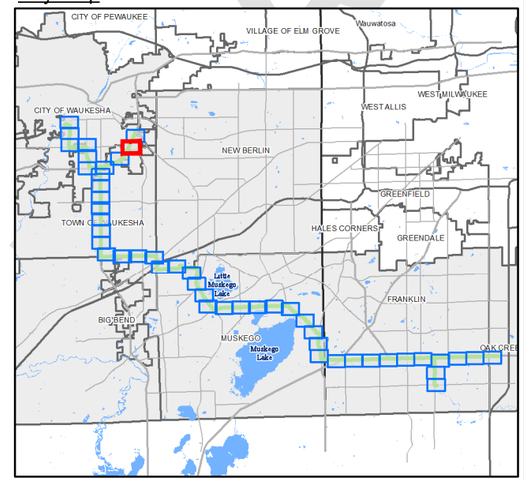

1" = 300'
0 150 300 600 feet

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Route Alternative 4 - Panel 39 of 48

Date: 5/29/2018

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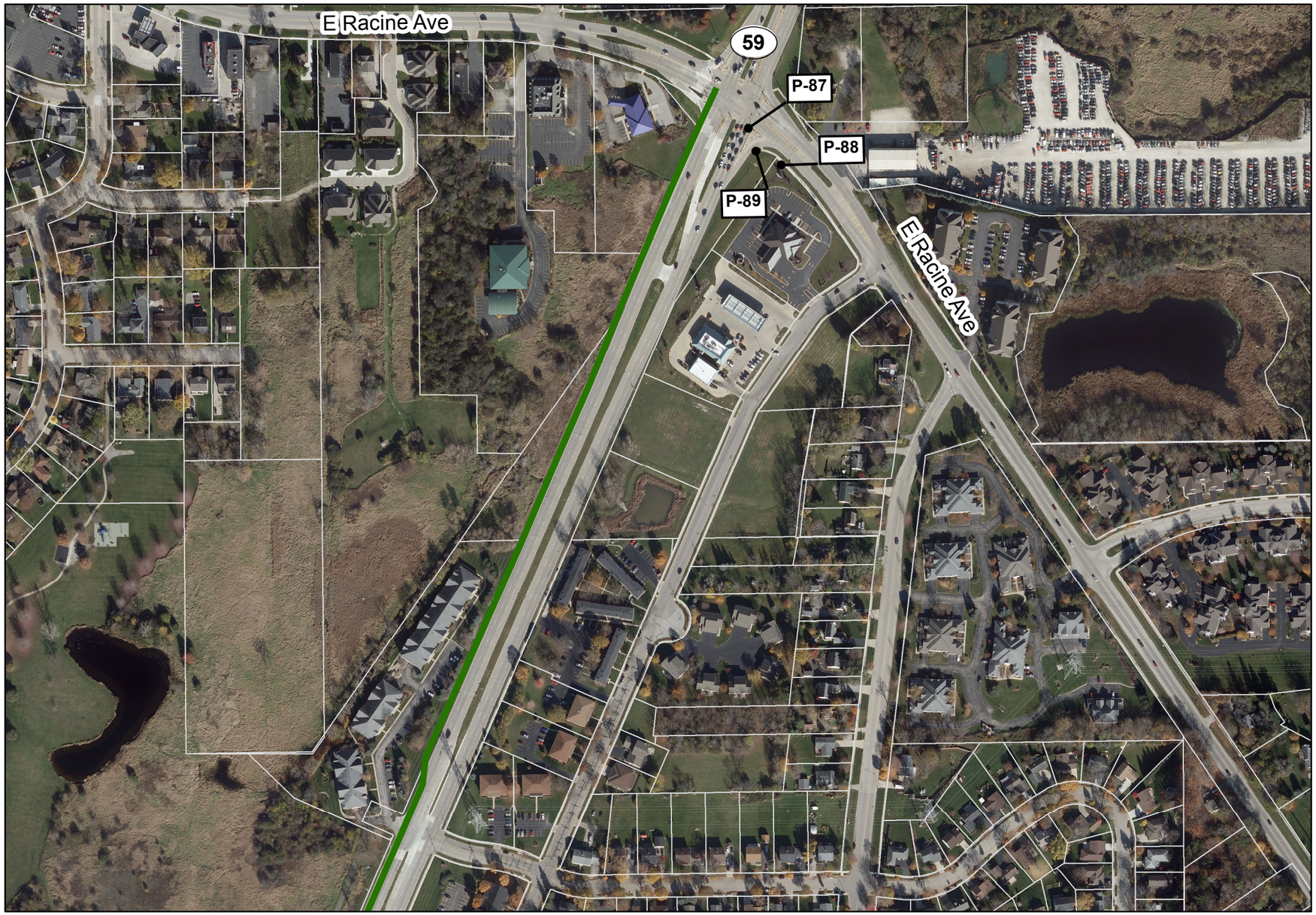
Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



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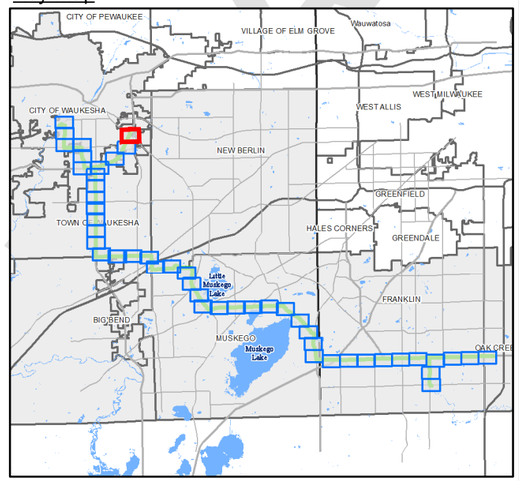
Key Map



1" = 300'
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Great Lakes Water Supply Program

Route Alternative 4 - Panel 40 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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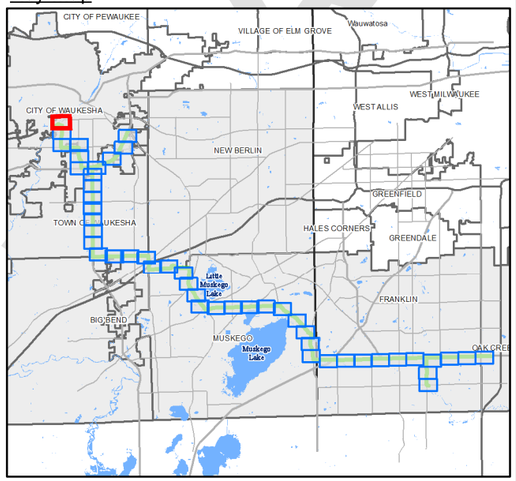

1" = 300'
0 150 300 600 feet

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Route Alternative 4 - Panel 41 of 48

Date: 5/29/2018

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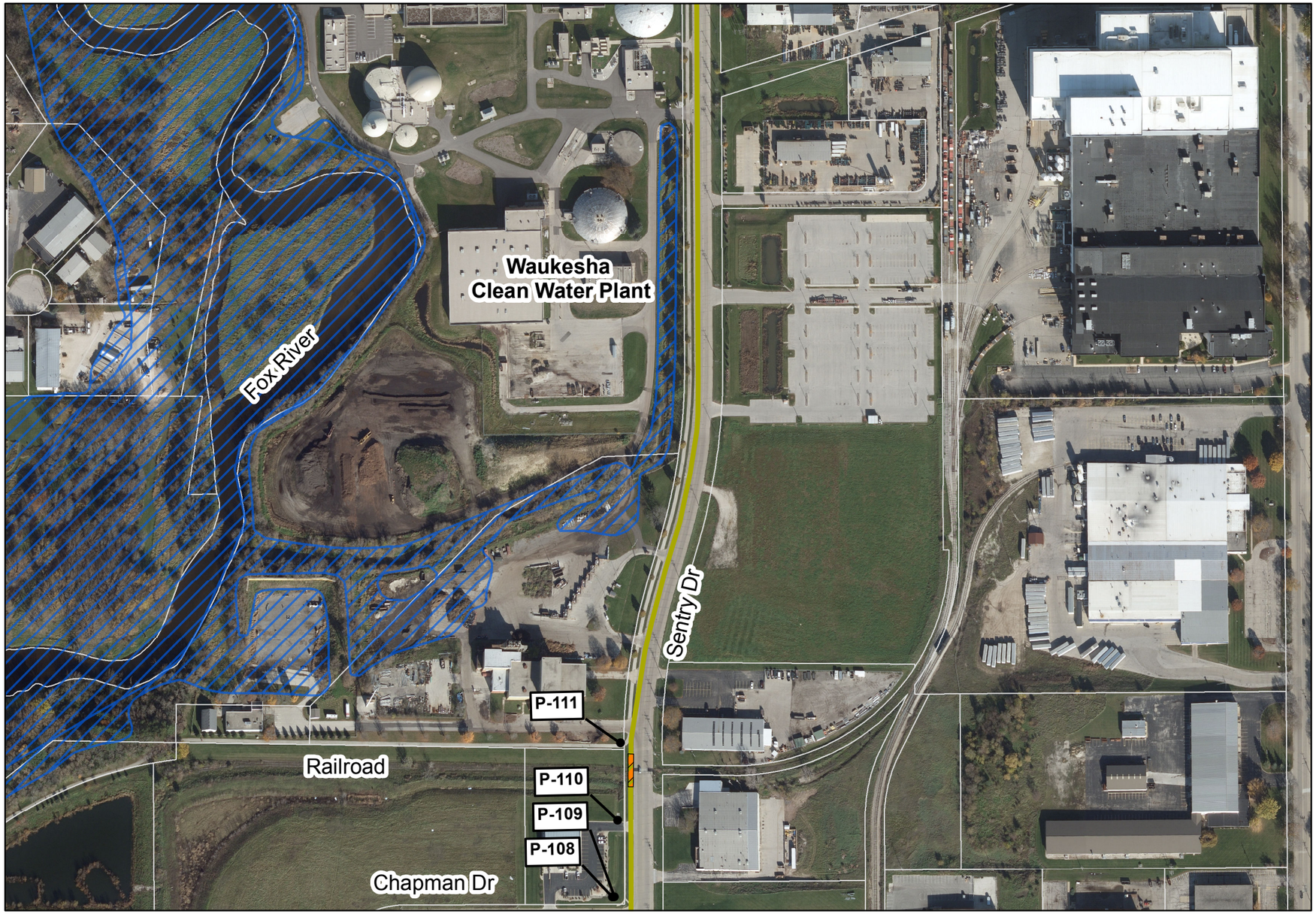
Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



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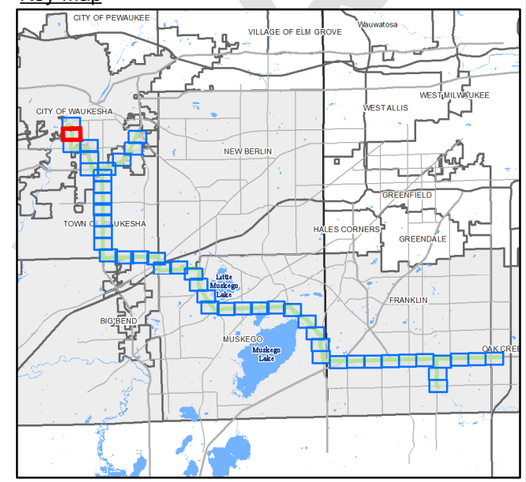

1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 42 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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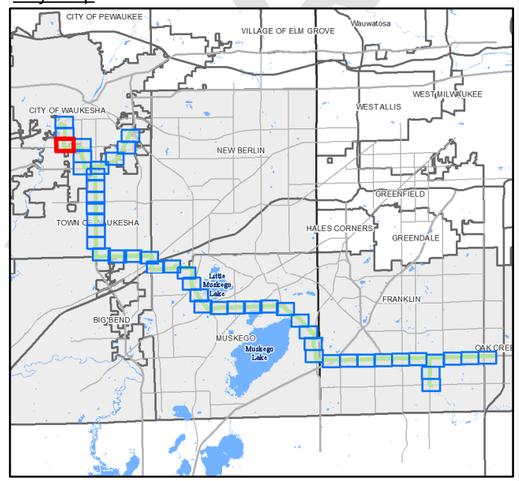
Key Map



1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 43 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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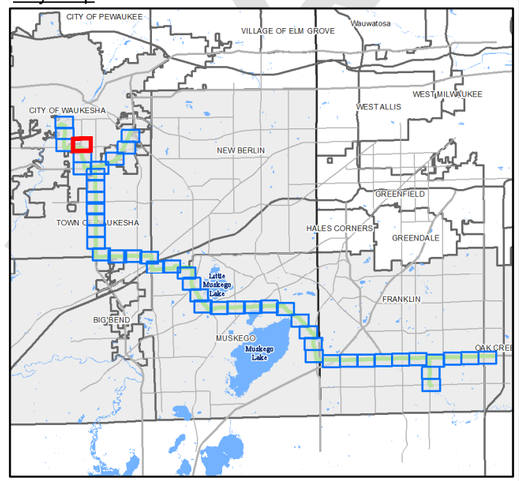

1" = 300'
0 150 300 600 feet

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 44 of 48

Date: 5/29/2018

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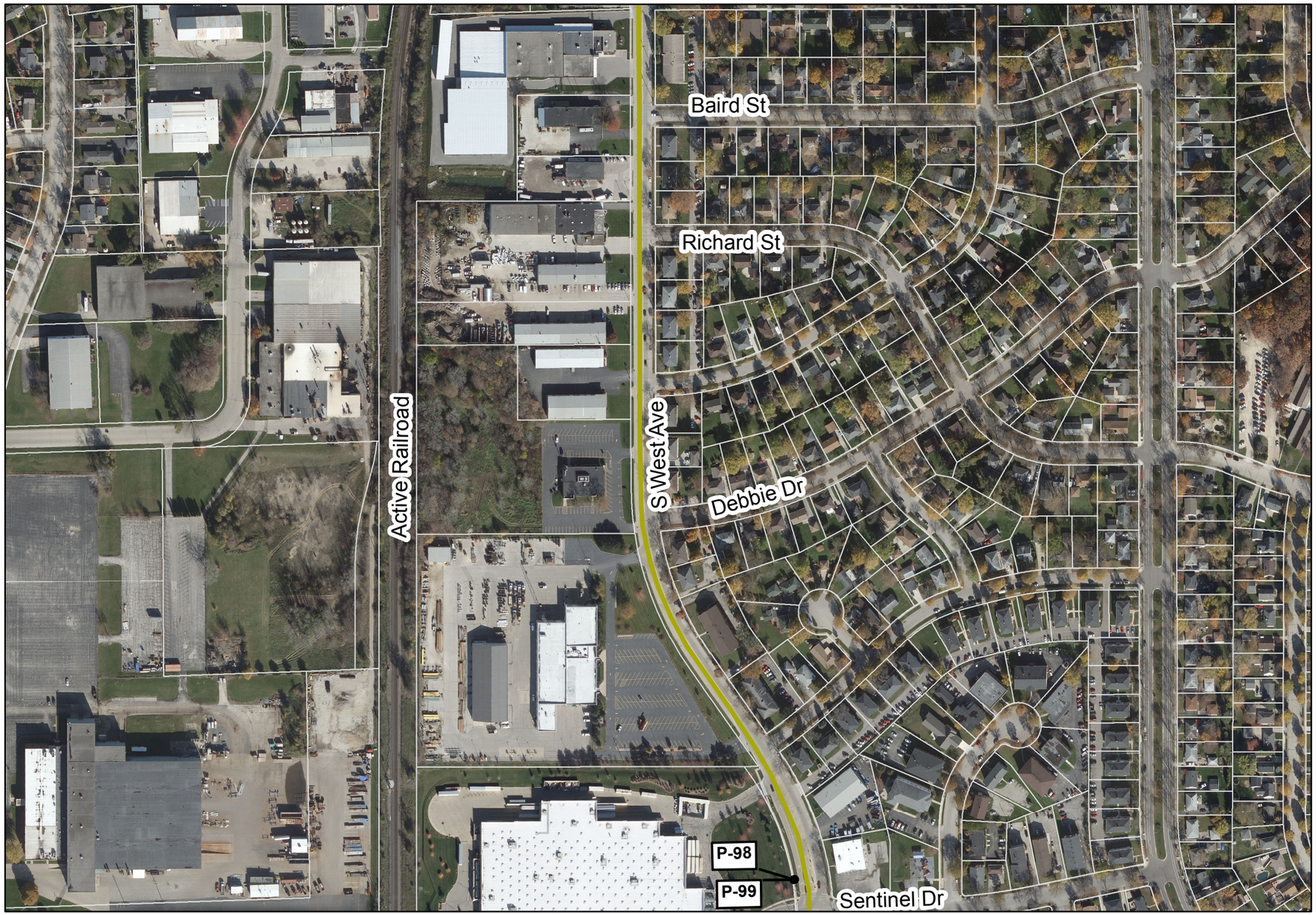
Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



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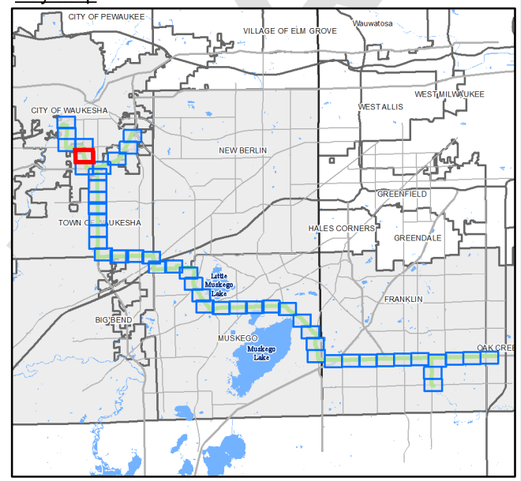

1" = 300'
0 150 300 600 feet

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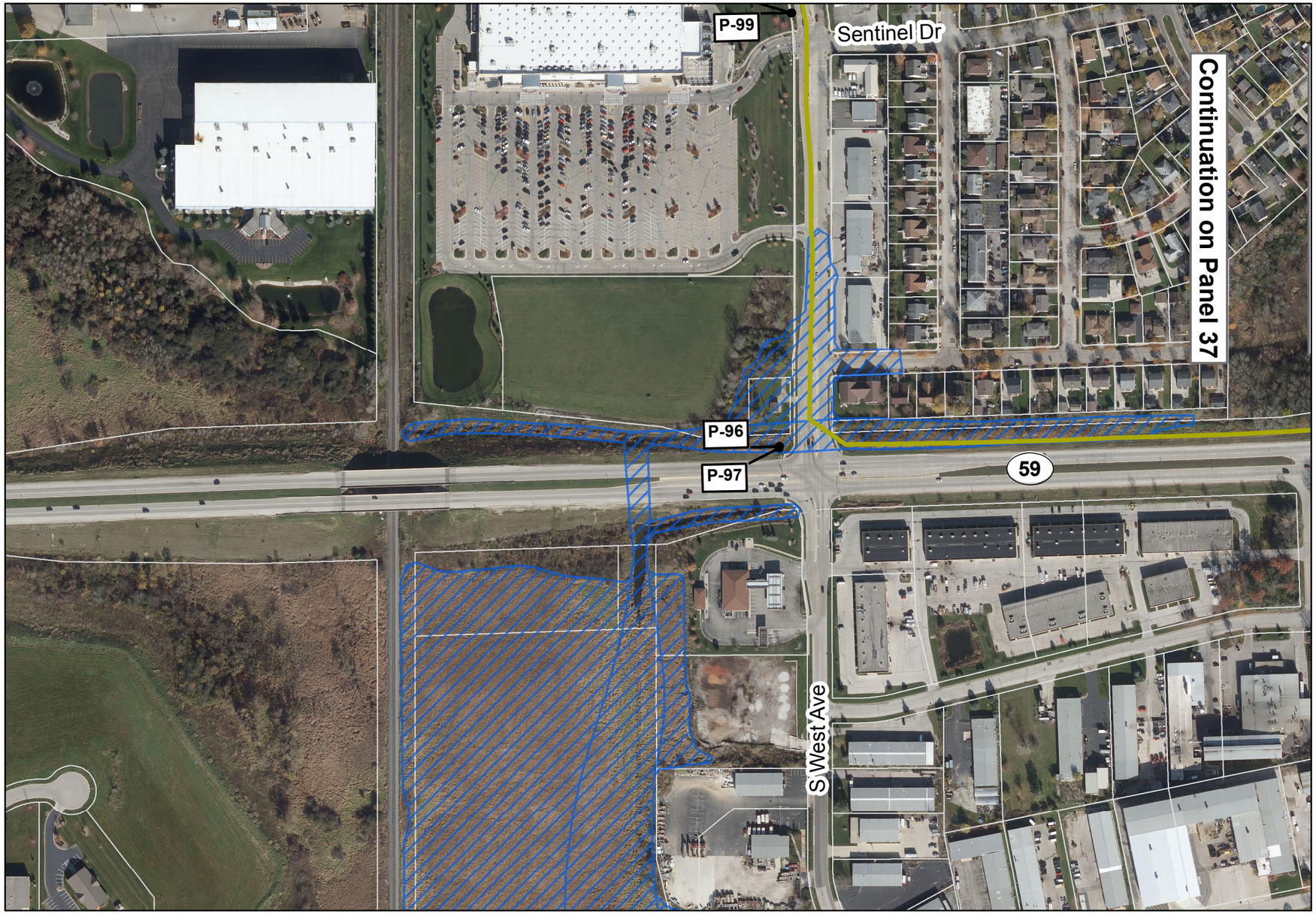
Waukesha, Wisconsin
Great Lakes Water Supply Program

Route Alternative 4 - Panel 45 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd



Legend

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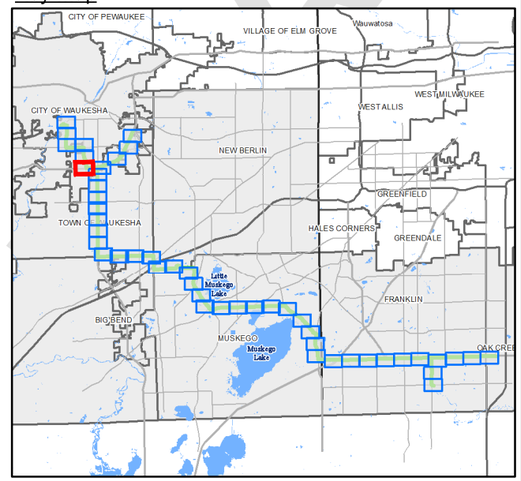

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Route Alternative 4 - Panel 46 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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Legend

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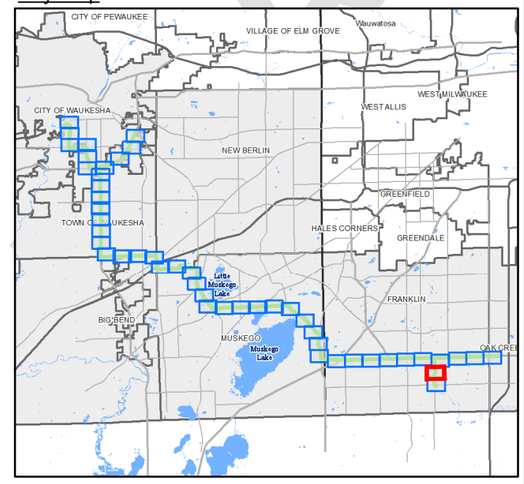
N

Key Map



1" = 300'

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 47 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd

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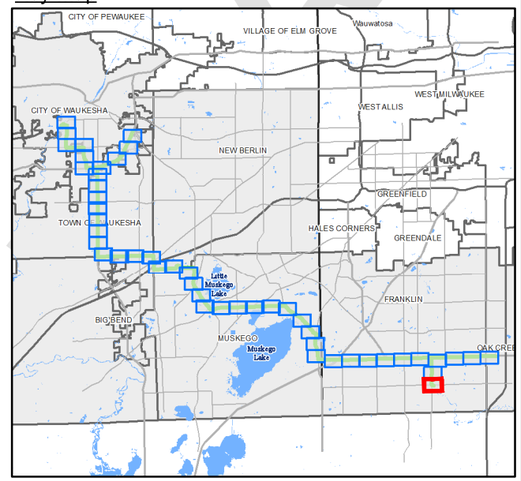

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Great Lakes Water Supply Program

Route Alternative 4 - Panel 48 of 48

Date: 5/29/2018

Plotted: 5/29/2018
Document Path: G:\15310-Waukesha Great Lakes Water Supply PM-CM\24 GIS\24.01_Exhibits\Phase_2\Panels\Horizontal Alignment\Route 4\Route 4_Updated_05292018_EIR.mxd