

MAPS

Project Location Map

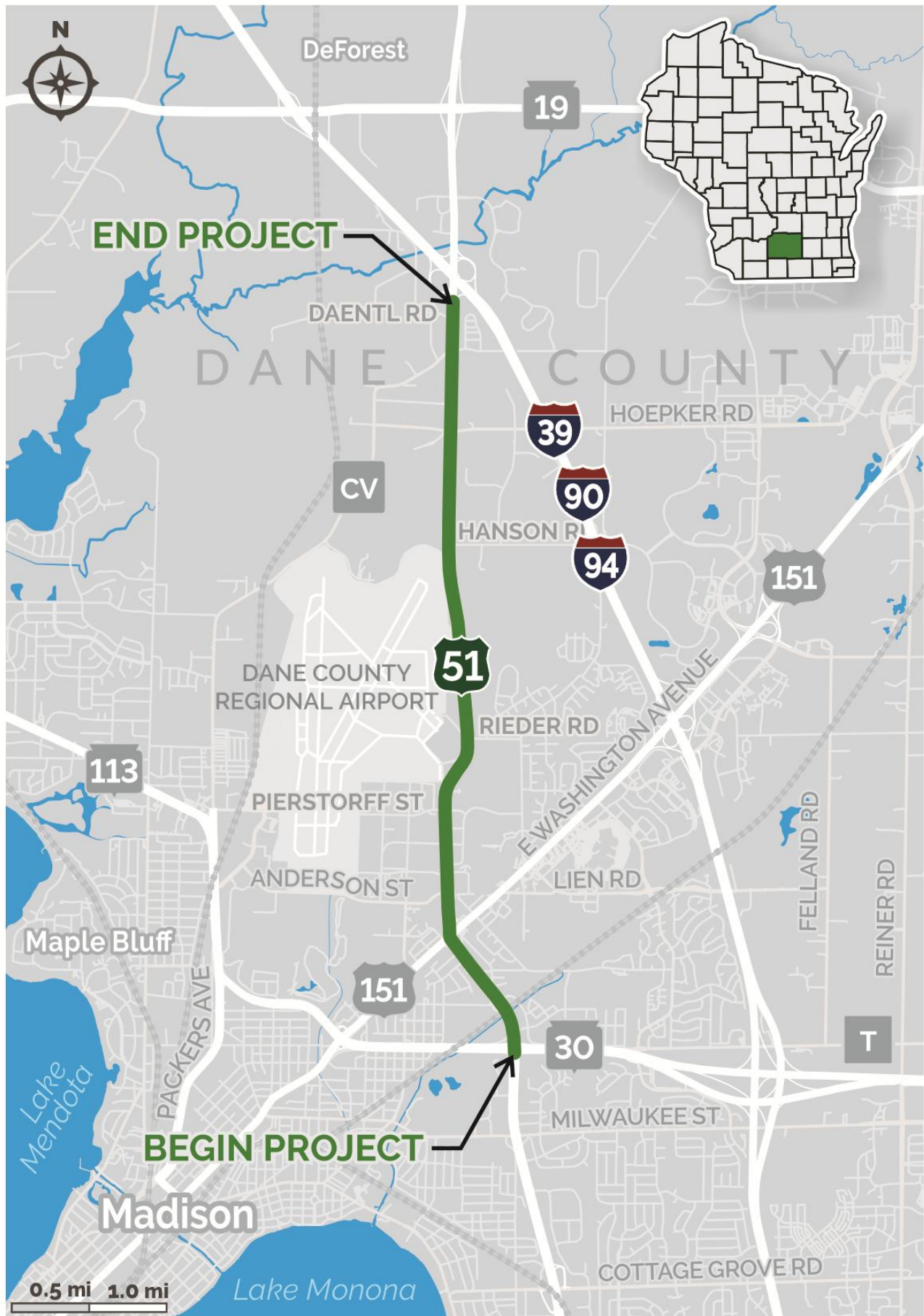
Adjacent Studies and Projects Map

Corridor Sections Map

Preferred Alternative Map

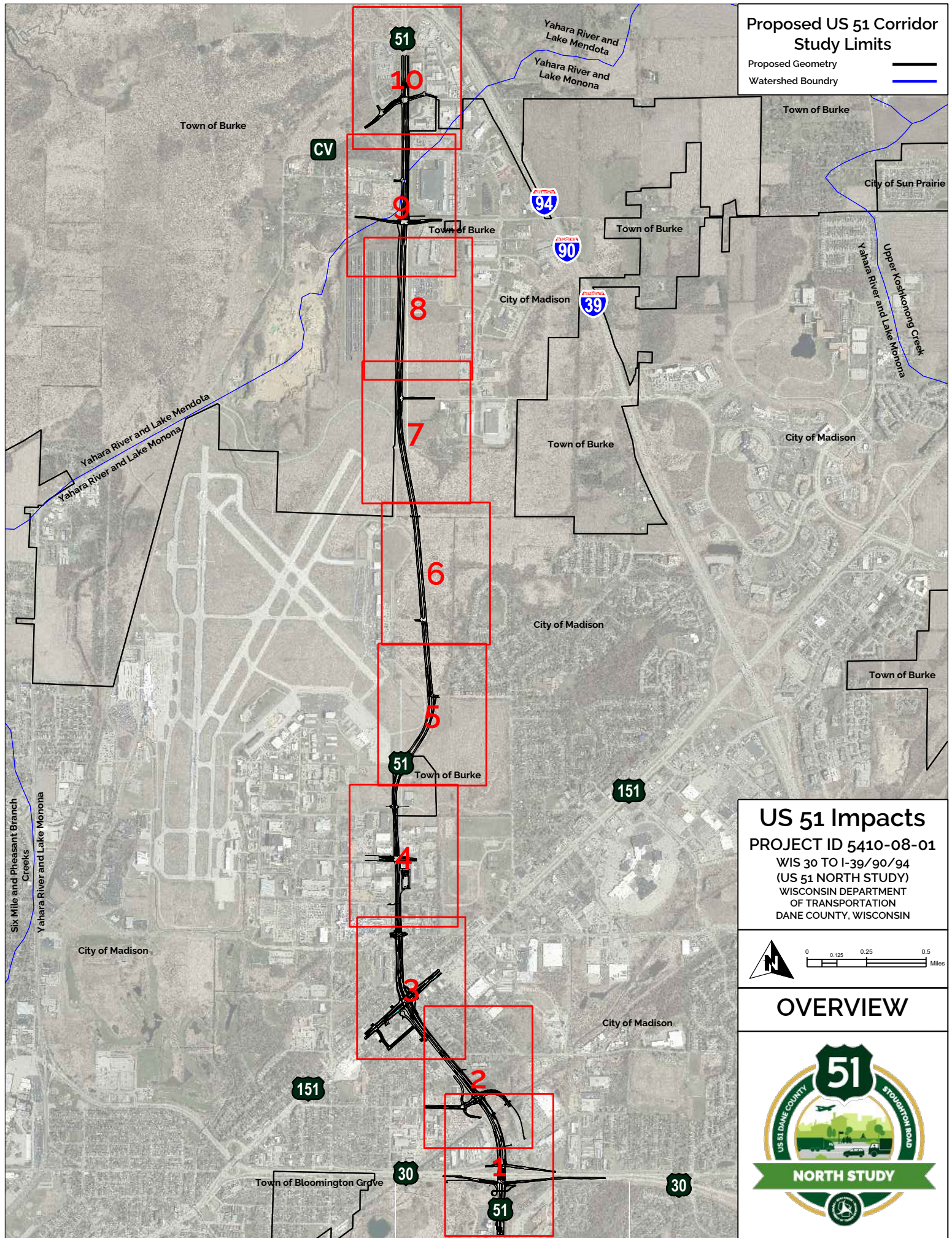
Traffic Noise Receptor Map

Floodplain Map









Proposed US 51 Corridor Study Limits

Proposed Geometry
Watershed Boundry

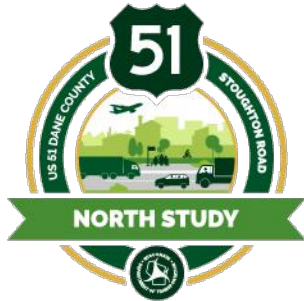
US 51 Impacts

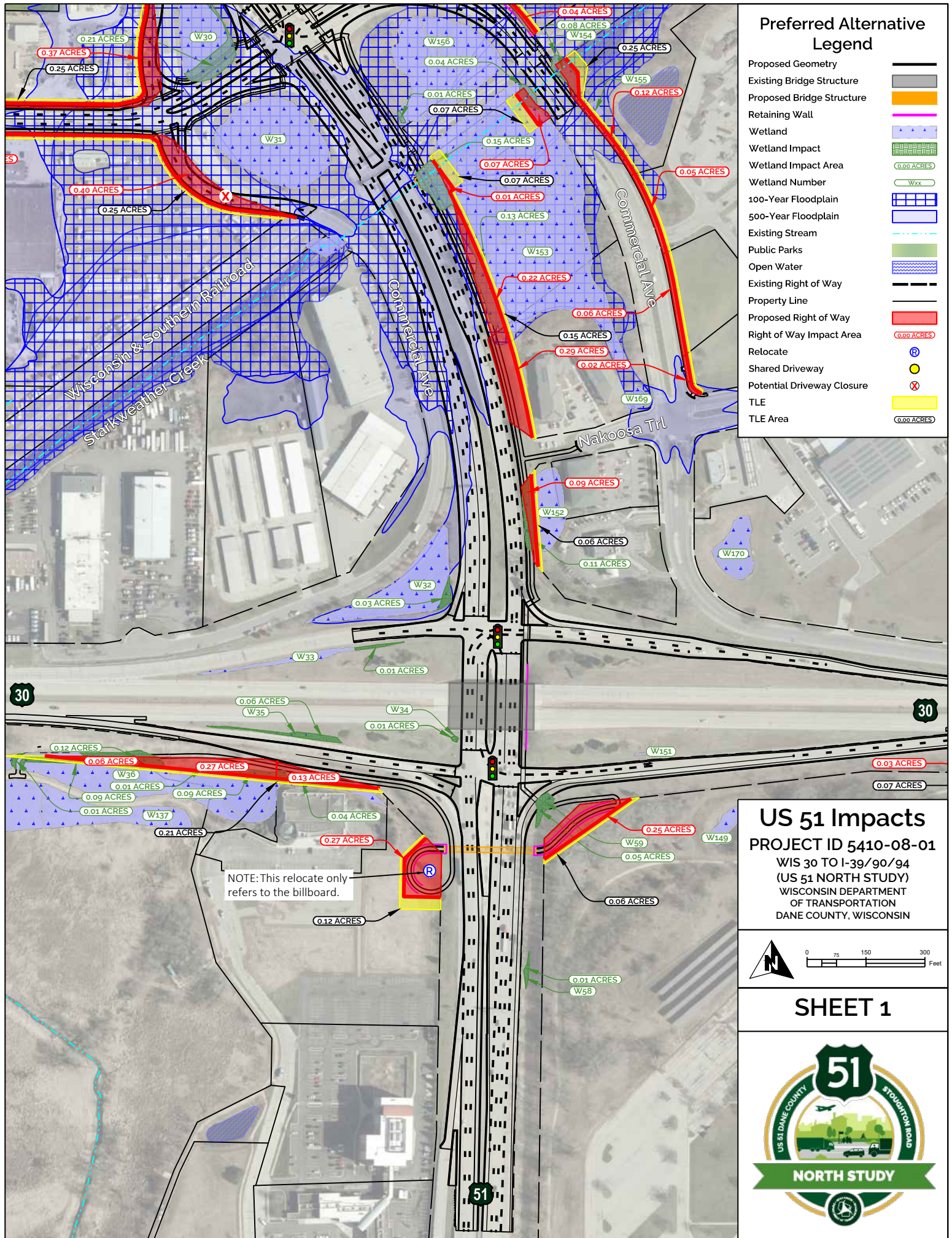
PROJECT ID 5410-08-01

WIS 30 TO I-39/90/94
(US 51 NORTH STUDY)
WISCONSIN DEPARTMENT
OF TRANSPORTATION
DANE COUNTY, WISCONSIN



OVERVIEW



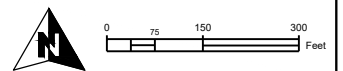


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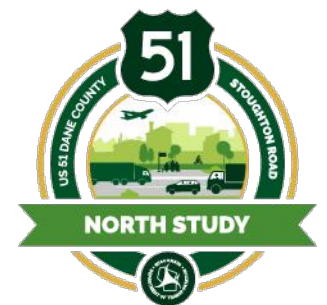
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Retaining Wall	
Wetland	
Wetland Impact	
Wetland Impact Area	
Wetland Number	
100-Year Floodplain	
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Existing Stream	
Public Parks	
Open Water	
Existing Right of Way	
Property Line	
Proposed Right of Way	
Right of Way Impact Area	
Relocate	
Shared Driveway	
Potential Driveway Closure	
TLE	
TLE Area	

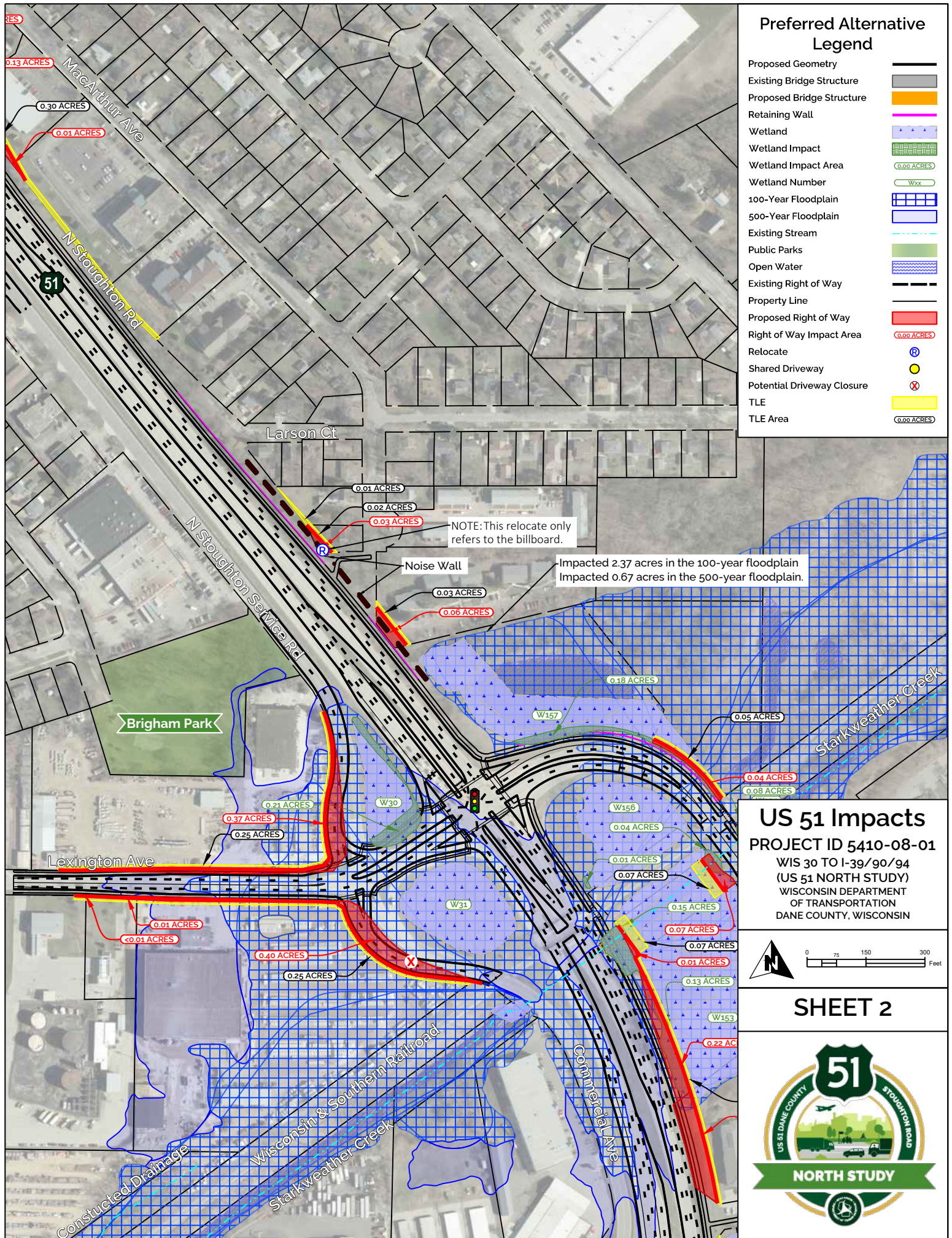
US 51 Impacts PROJECT ID 5410-08-01

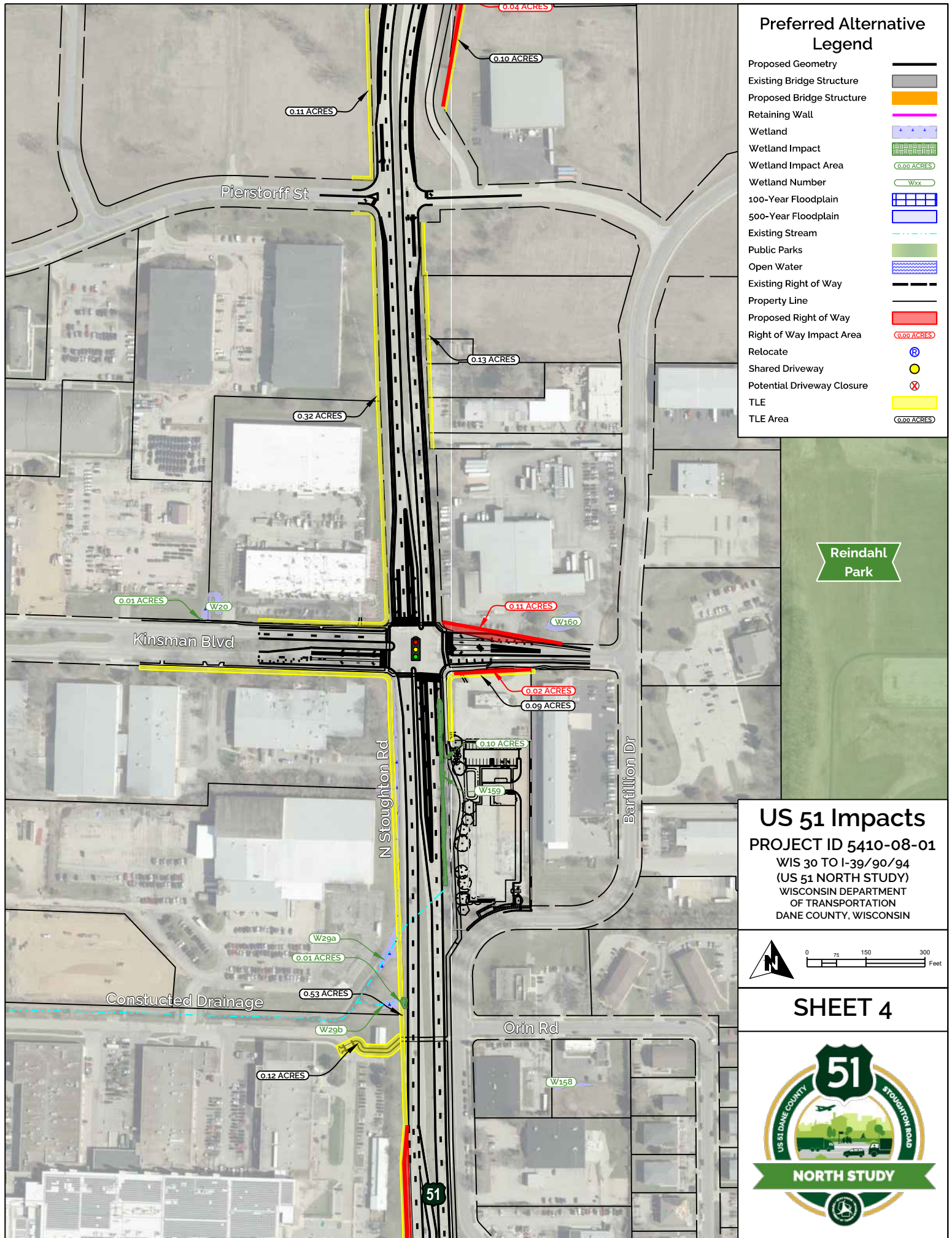
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DANE COUNTY, WISCONSIN



SHEET 1







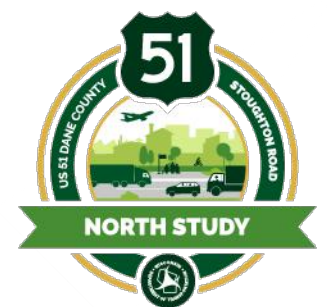
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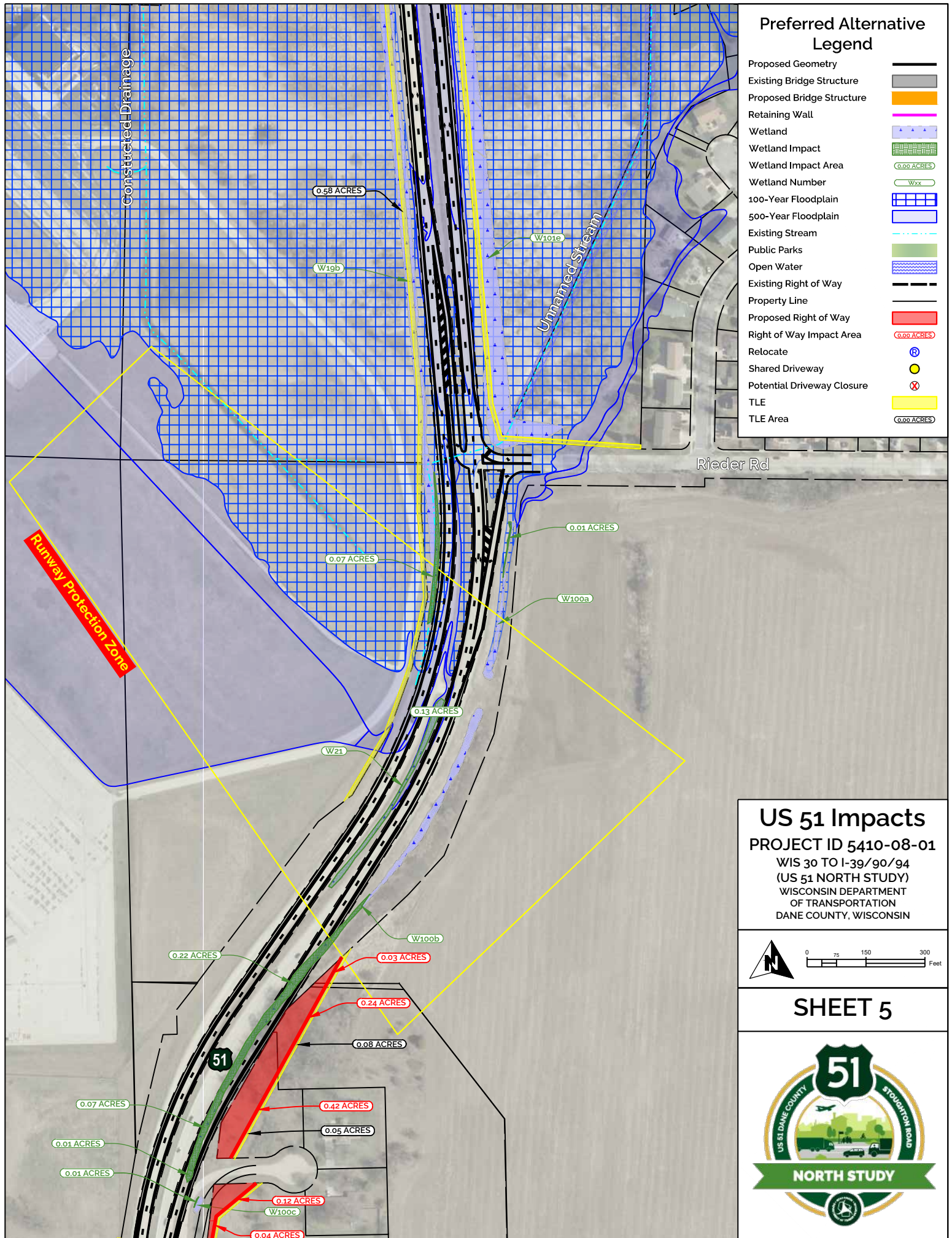
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US 51 Impacts
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SHEET 4



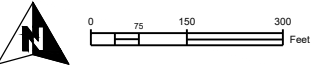


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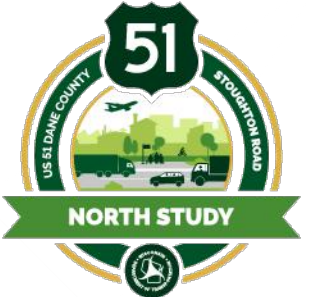
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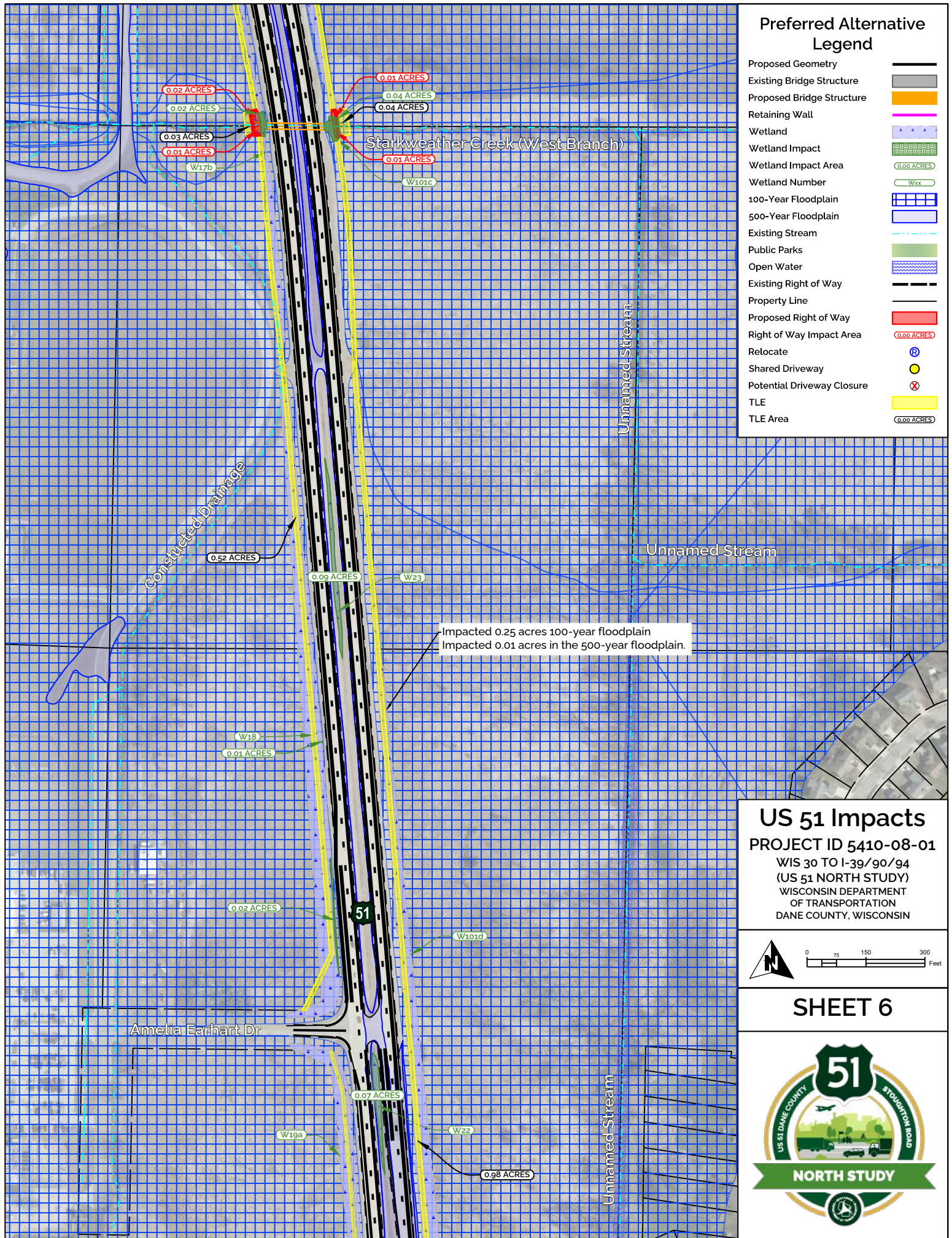
US 51 Impacts

PROJECT ID 5410-08-01
WIS 30 TO I-39/90/94
(US 51 NORTH STUDY)
WISCONSIN DEPARTMENT
OF TRANSPORTATION
DANE COUNTY, WISCONSIN



SHEET 5





Preferred Alternative Legend

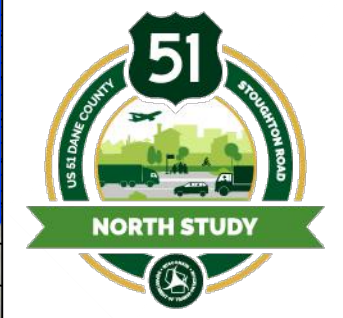
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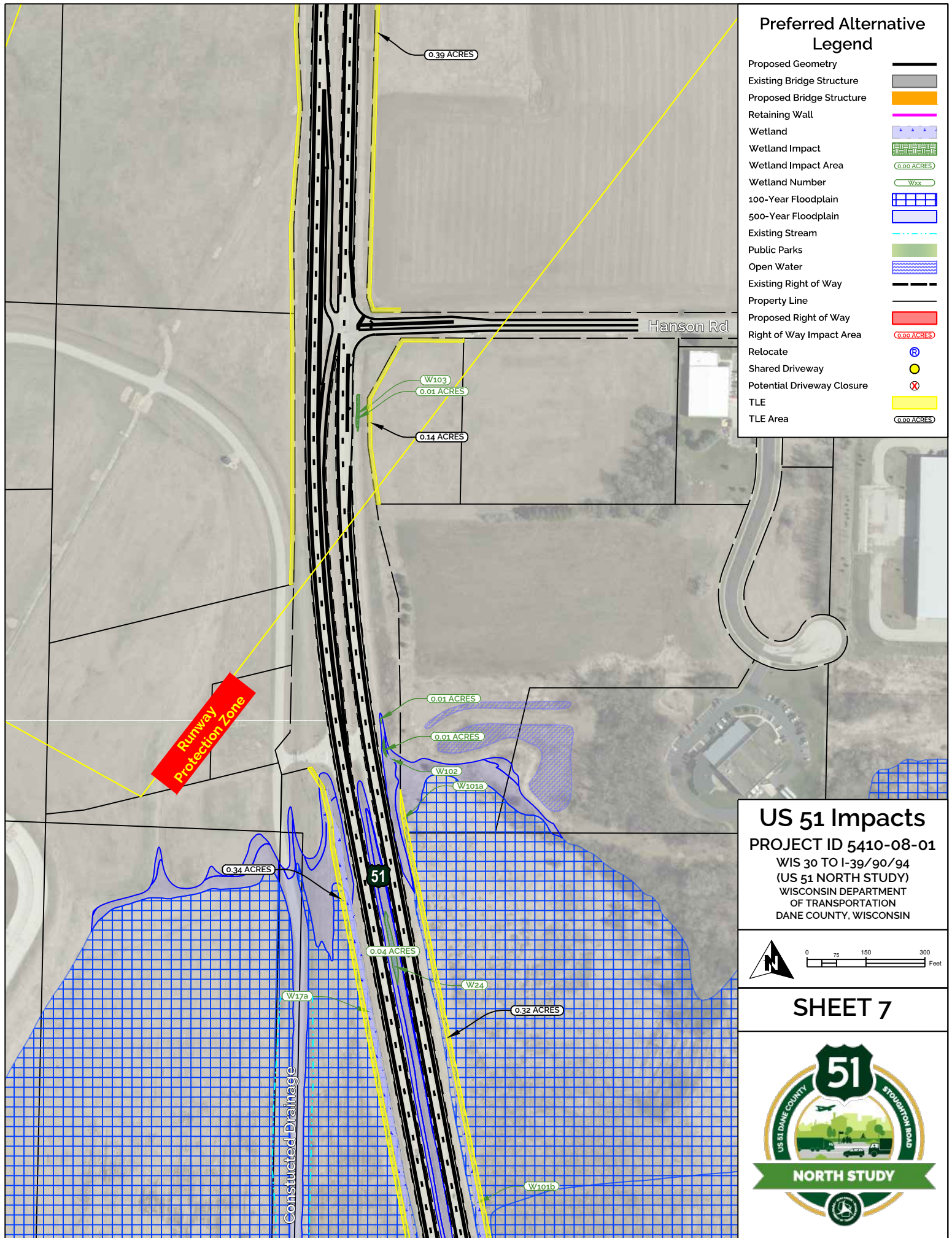
Impacted 0.25 acres 100-year floodplain
Impacted 0.01 acres in the 500-year floodplain.

US 51 Impacts

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DANE COUNTY, WISCONSIN

SHEET 6

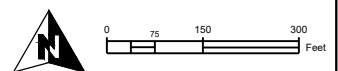




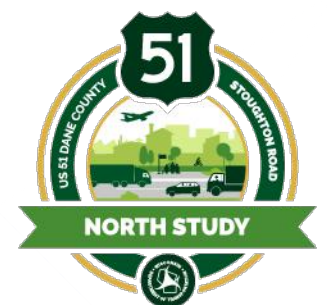
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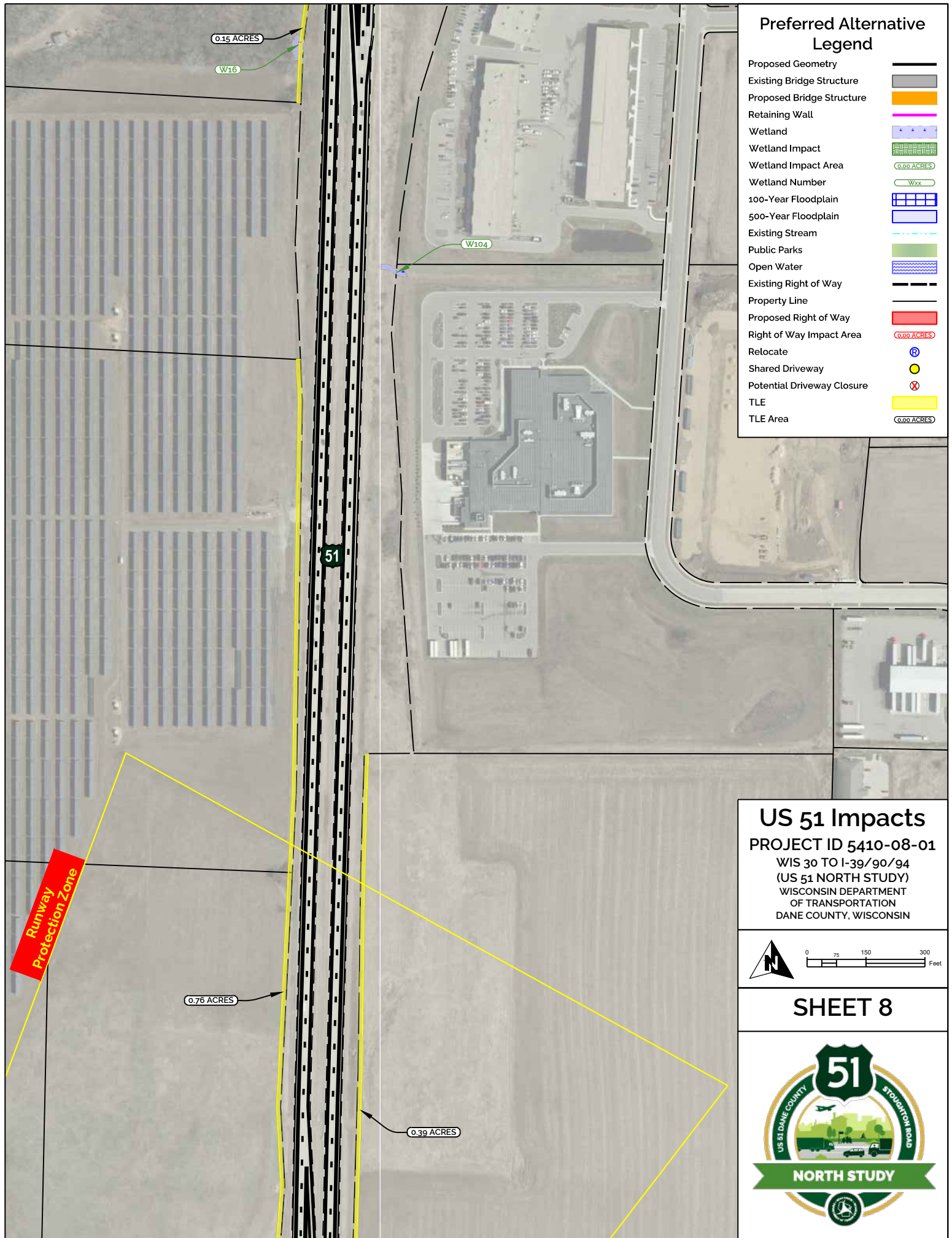
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US 51 Impacts
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DANE COUNTY, WISCONSIN



SHEET 7





Preferred Alternative Legend

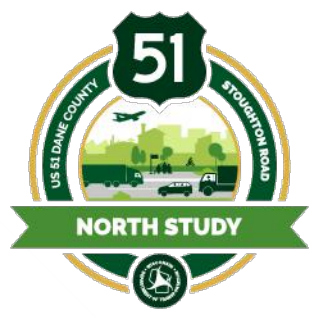
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- TLE Area

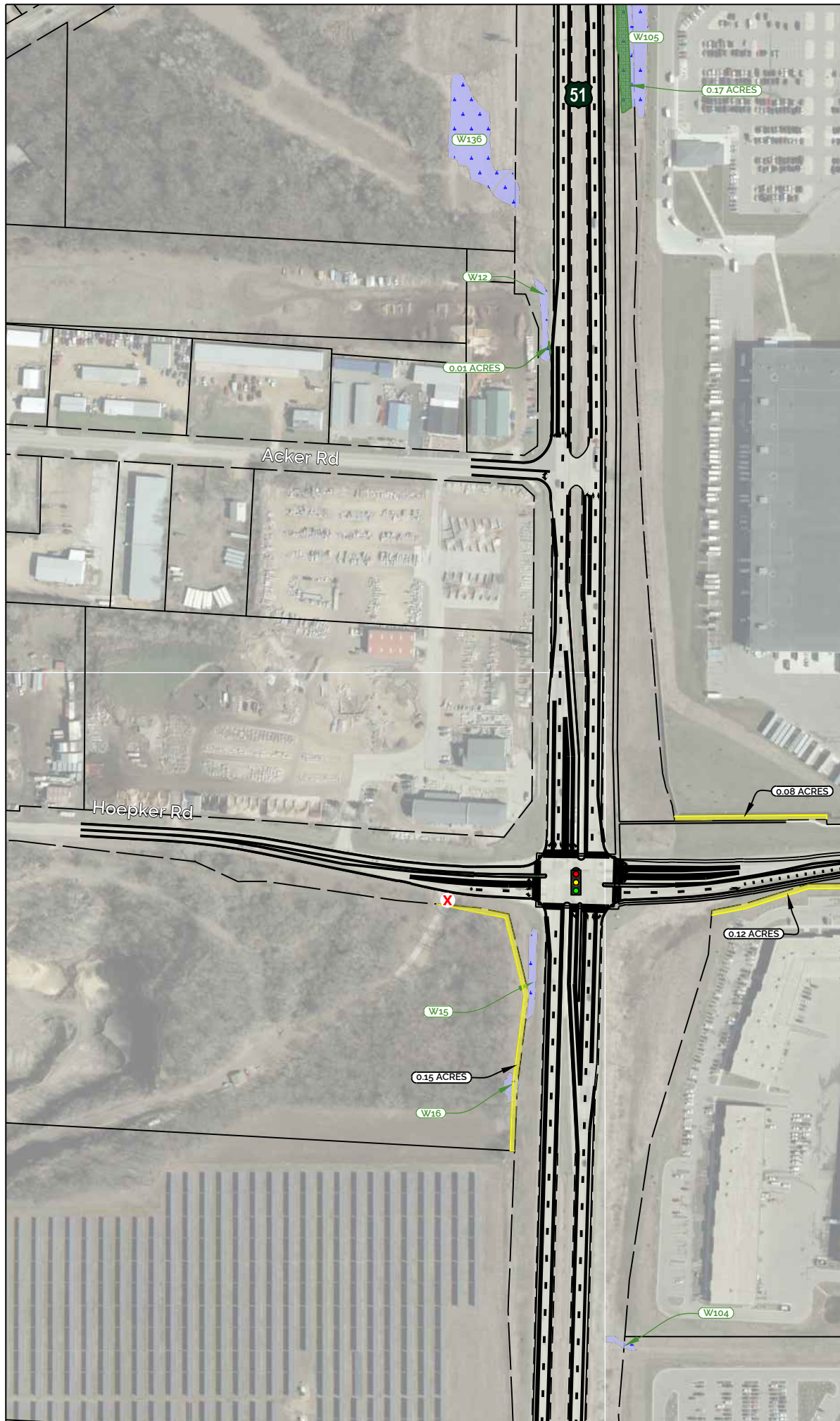
US 51 Impacts

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DANE COUNTY, WISCONSIN



SHEET 8



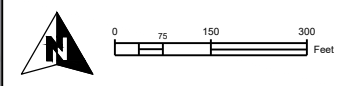


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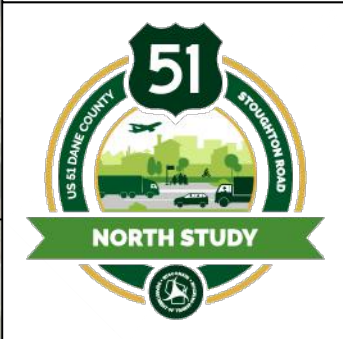
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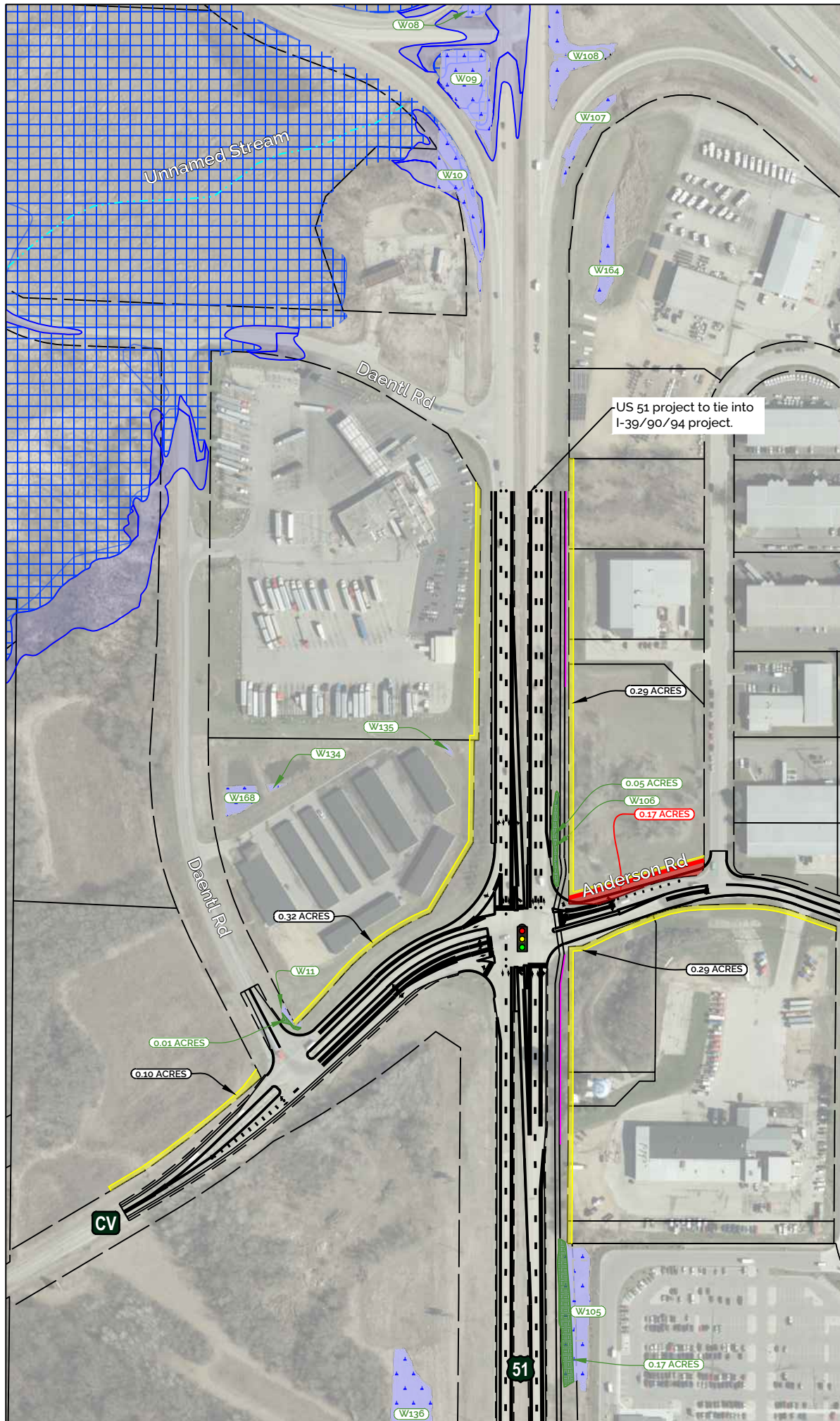
US 51 Impacts

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DANE COUNTY, WISCONSIN



SHEET 9



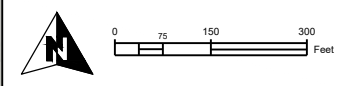


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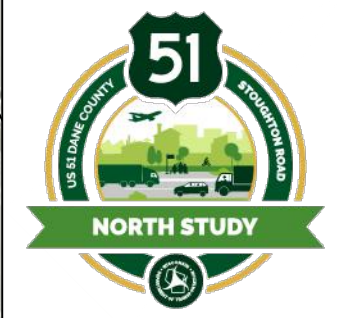
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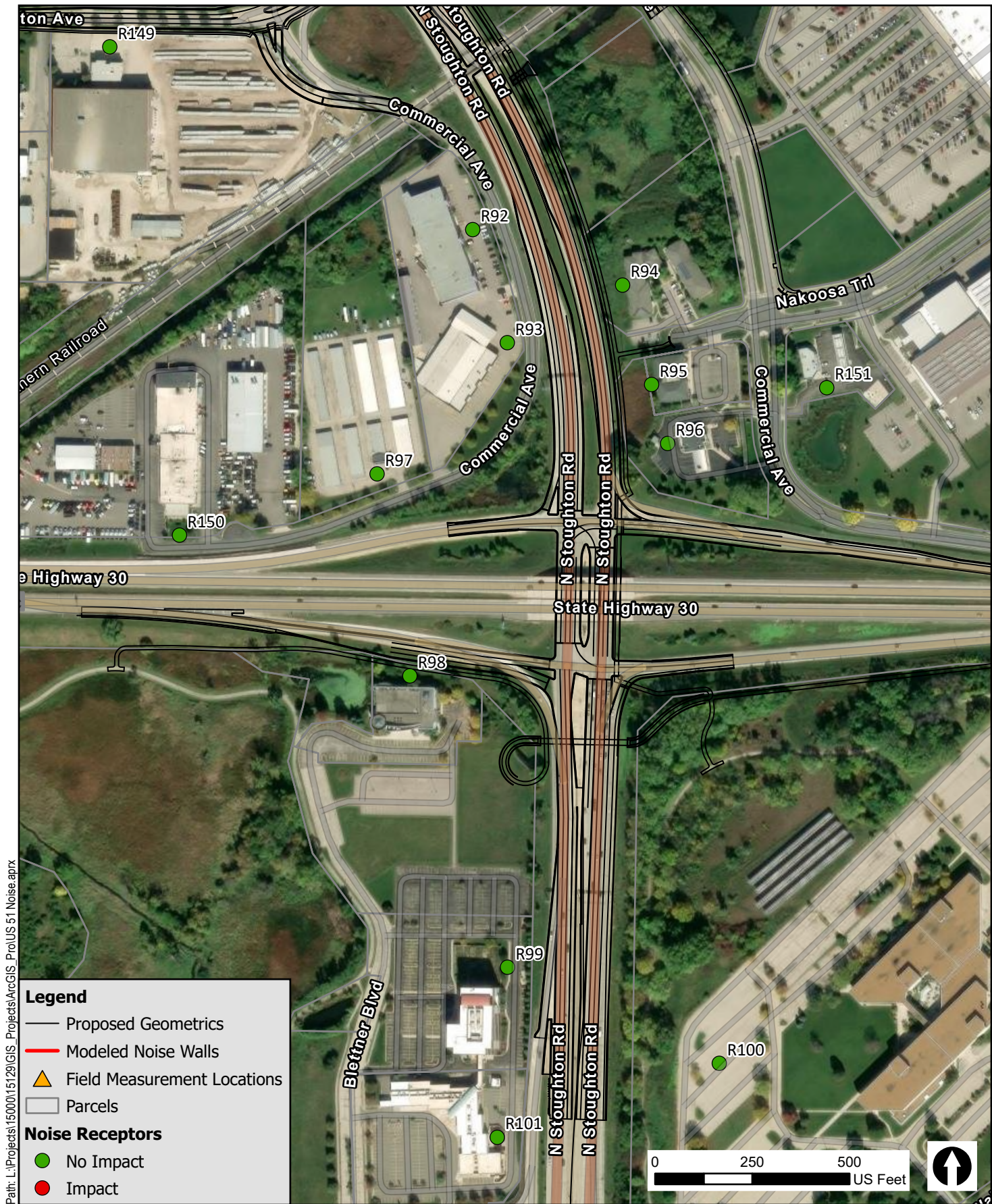
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SHEET 10

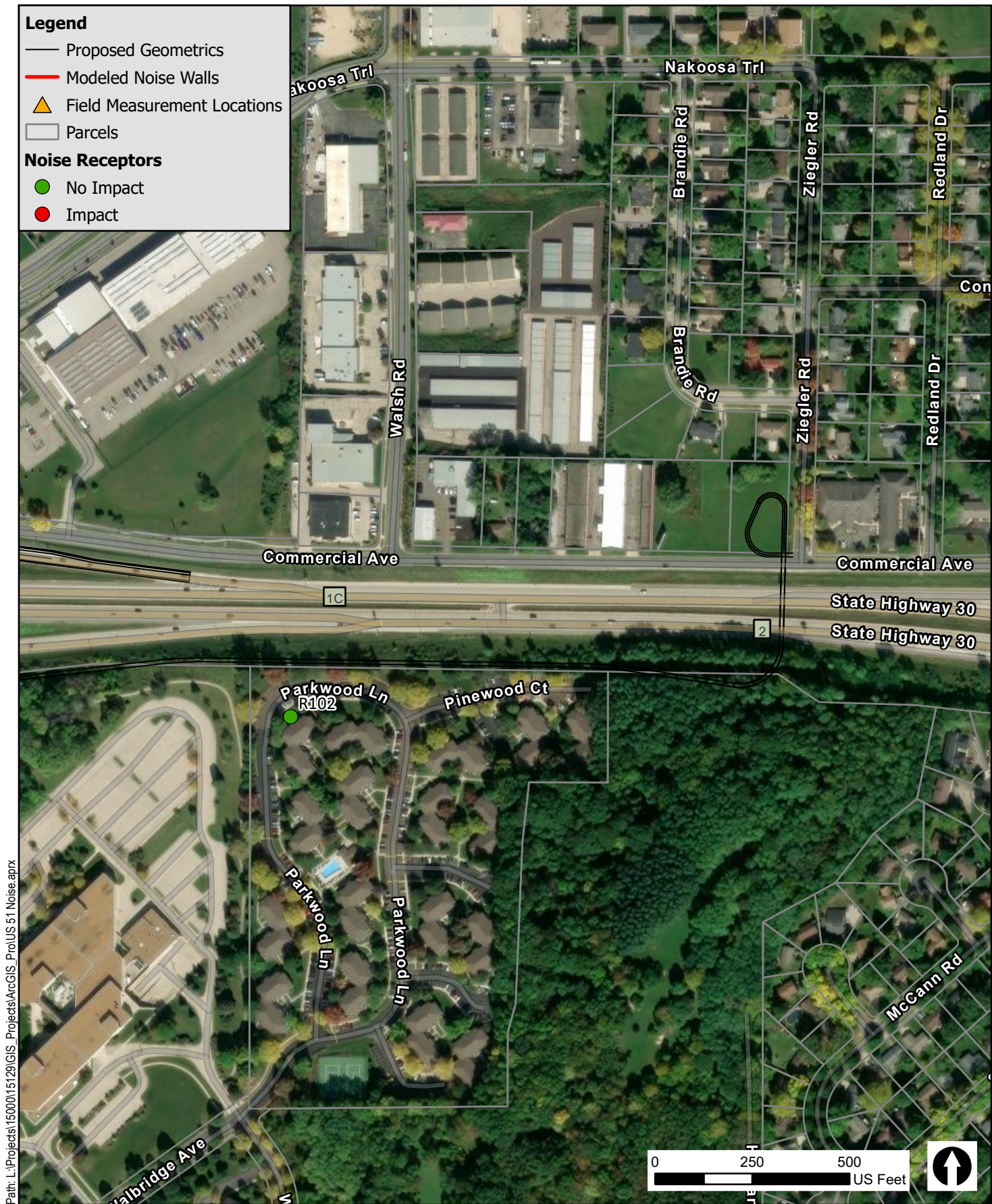




Traffic Noise Analysis - Receptors and Noise Walls

US 51 North Study in Dane County (Project ID 5410-08-01)

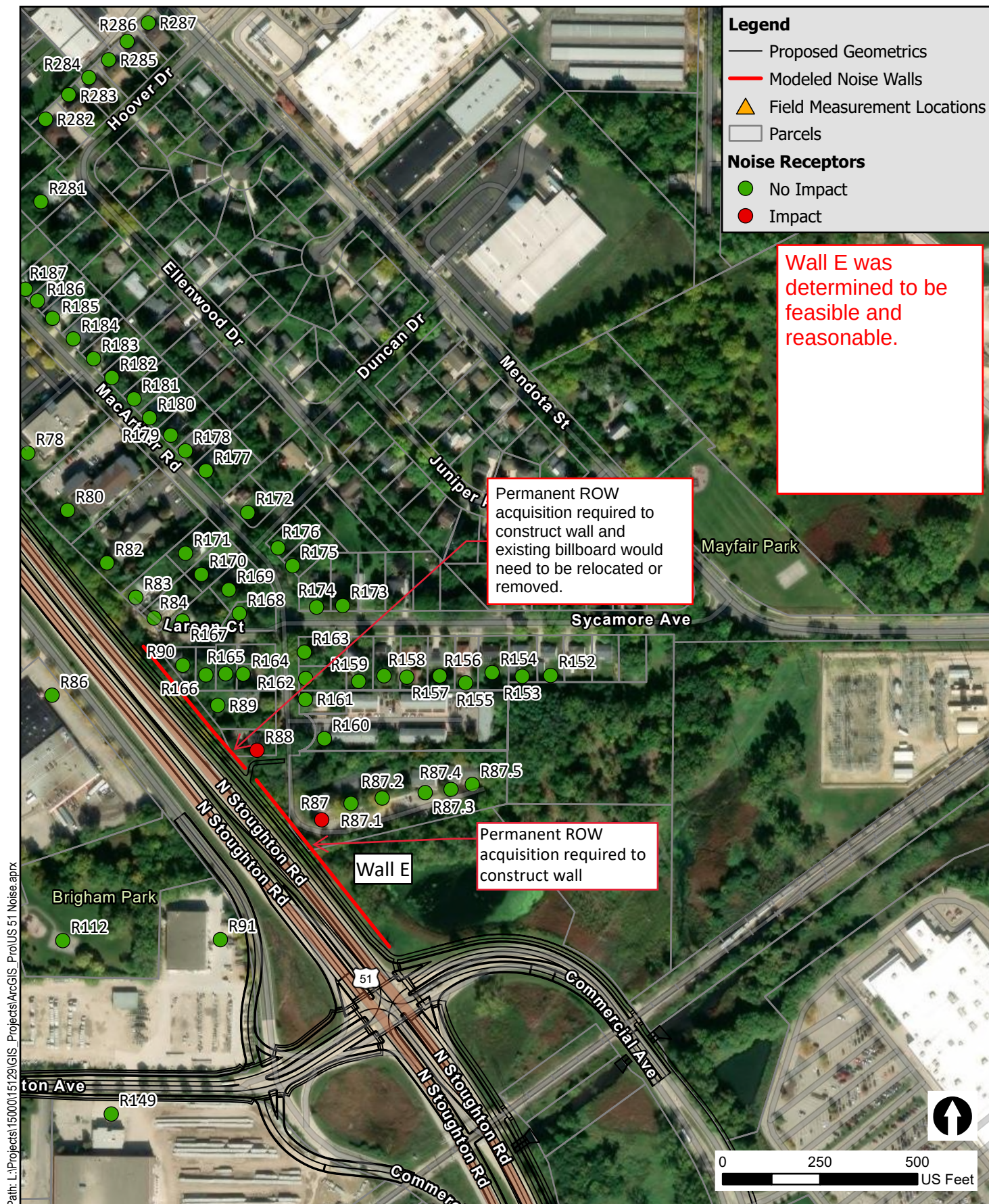
Wisconsin Department of Transportation

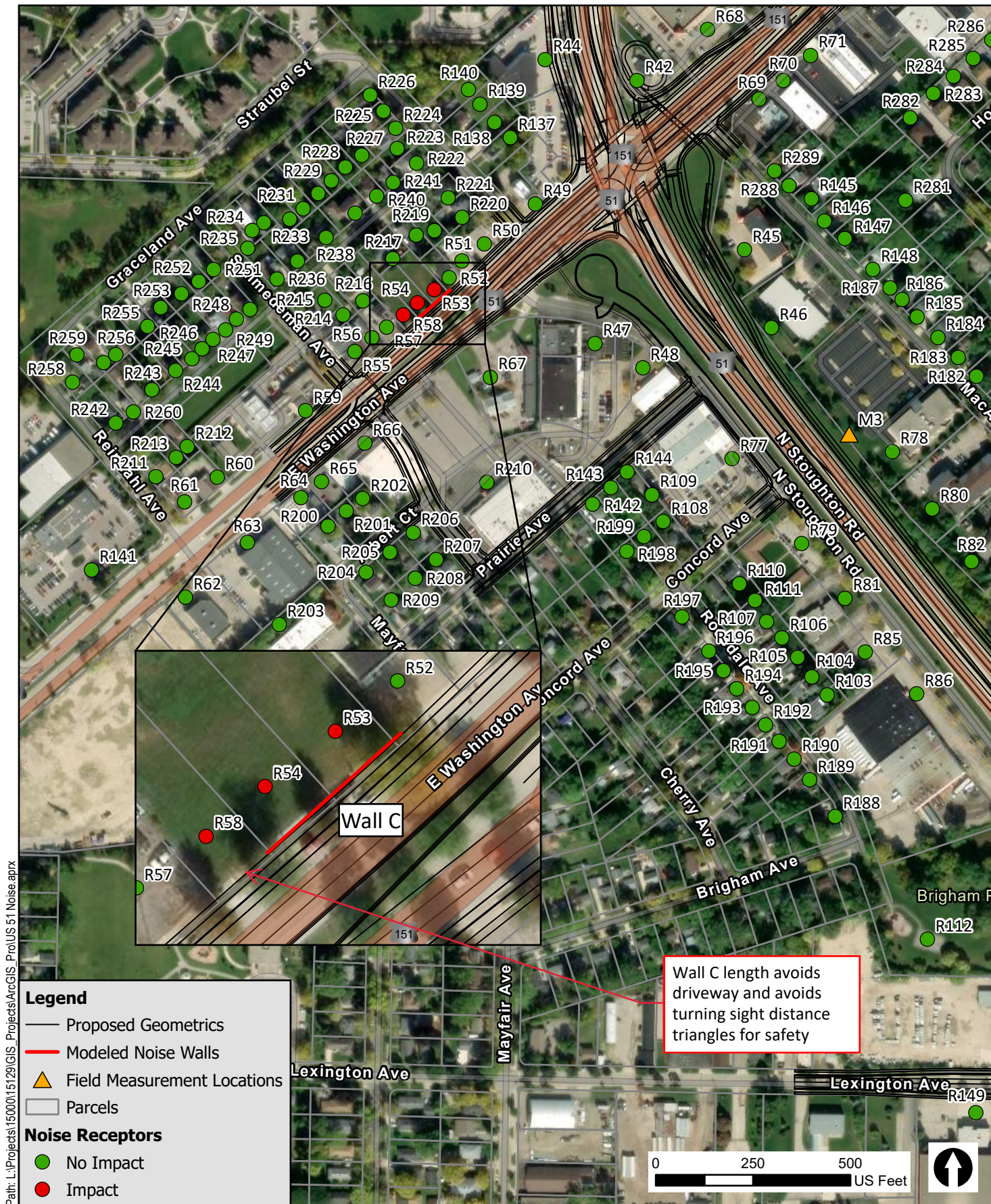


Traffic Noise Analysis - Receptors and Noise Walls

US 51 North Study in Dane County (Project ID 5410-08-01)

Wisconsin Department of Transportation

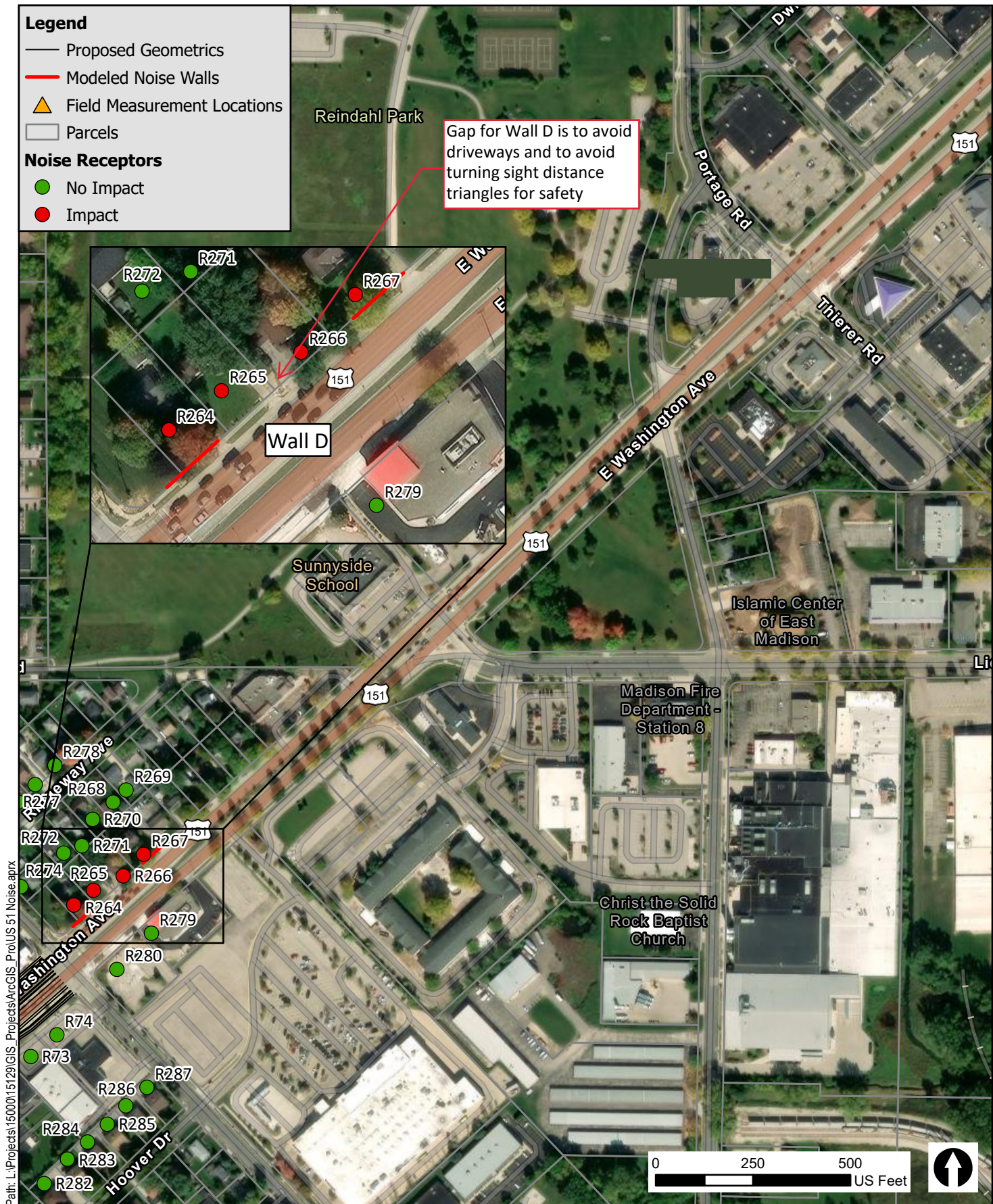




Traffic Noise Analysis - Receptors and Modeled Noise Walls

US 51 North Study in Dane County (Project ID 5410-08-01)

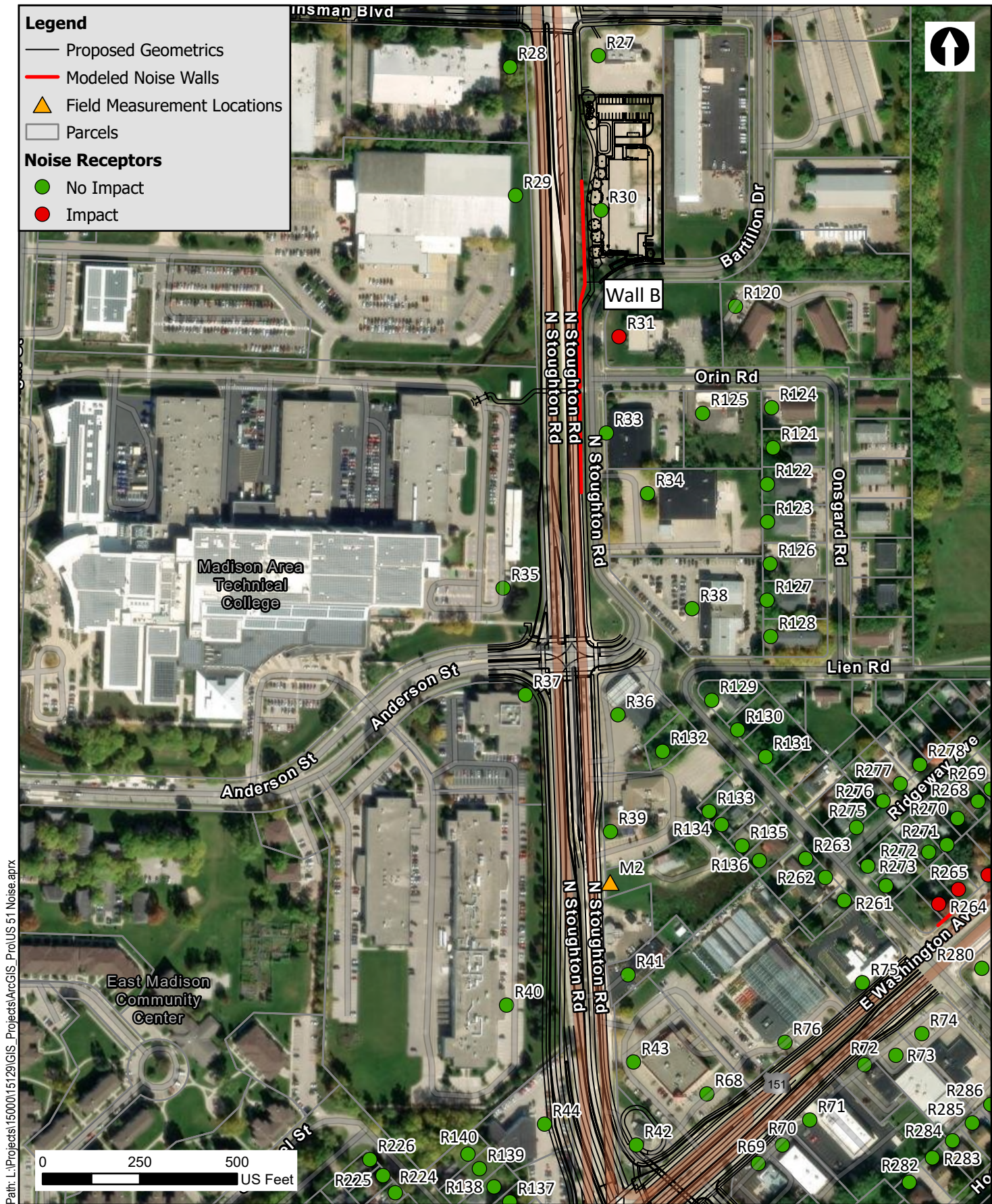
Wisconsin Department of Transportation



Traffic Noise Analysis - Receptors and Modeled Noise Walls

US 51 North Study in Dane County (Project ID 5410-08-01)

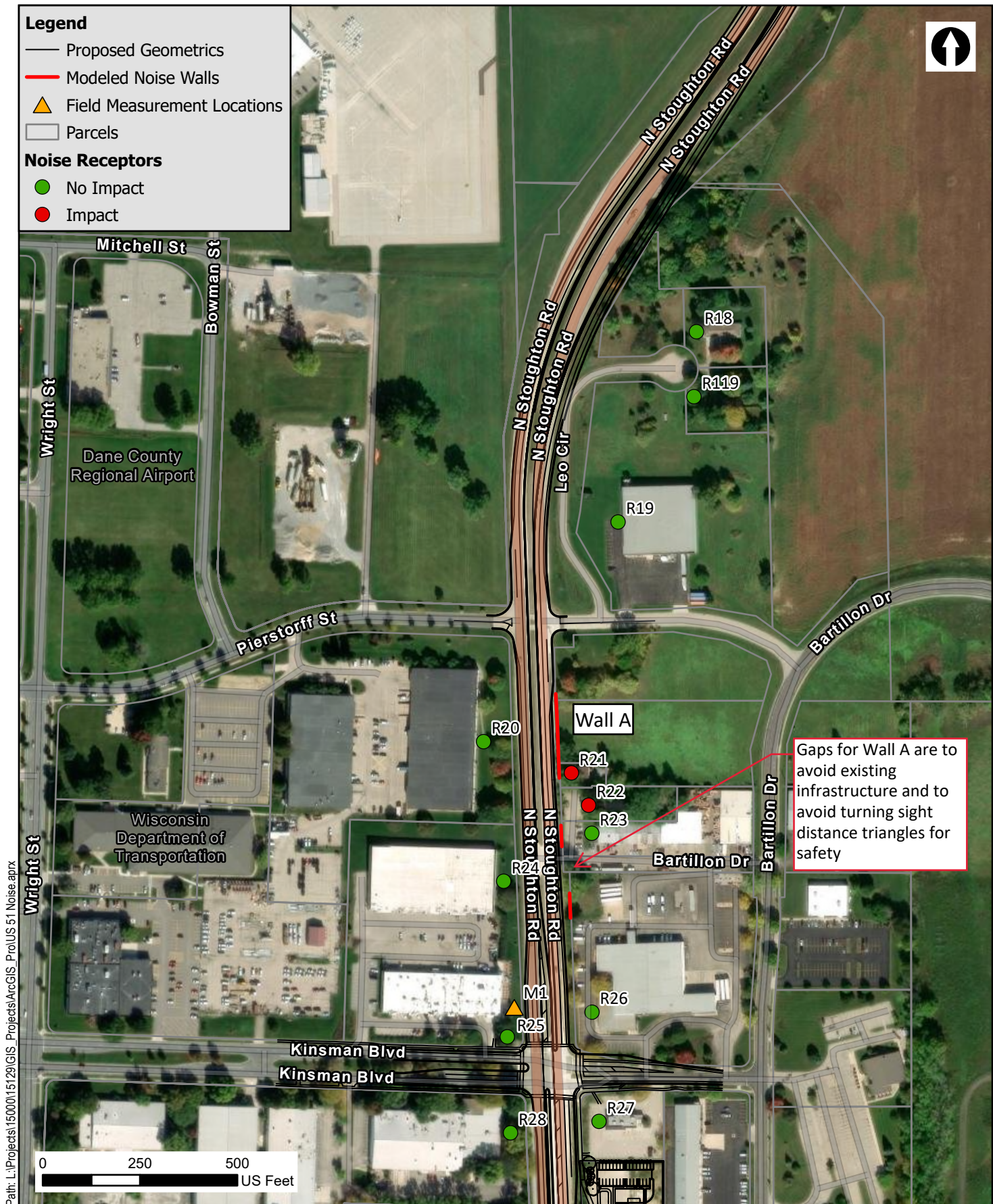
Wisconsin Department of Transportation



Traffic Noise Analysis - Receptors and Modeled Noise Walls

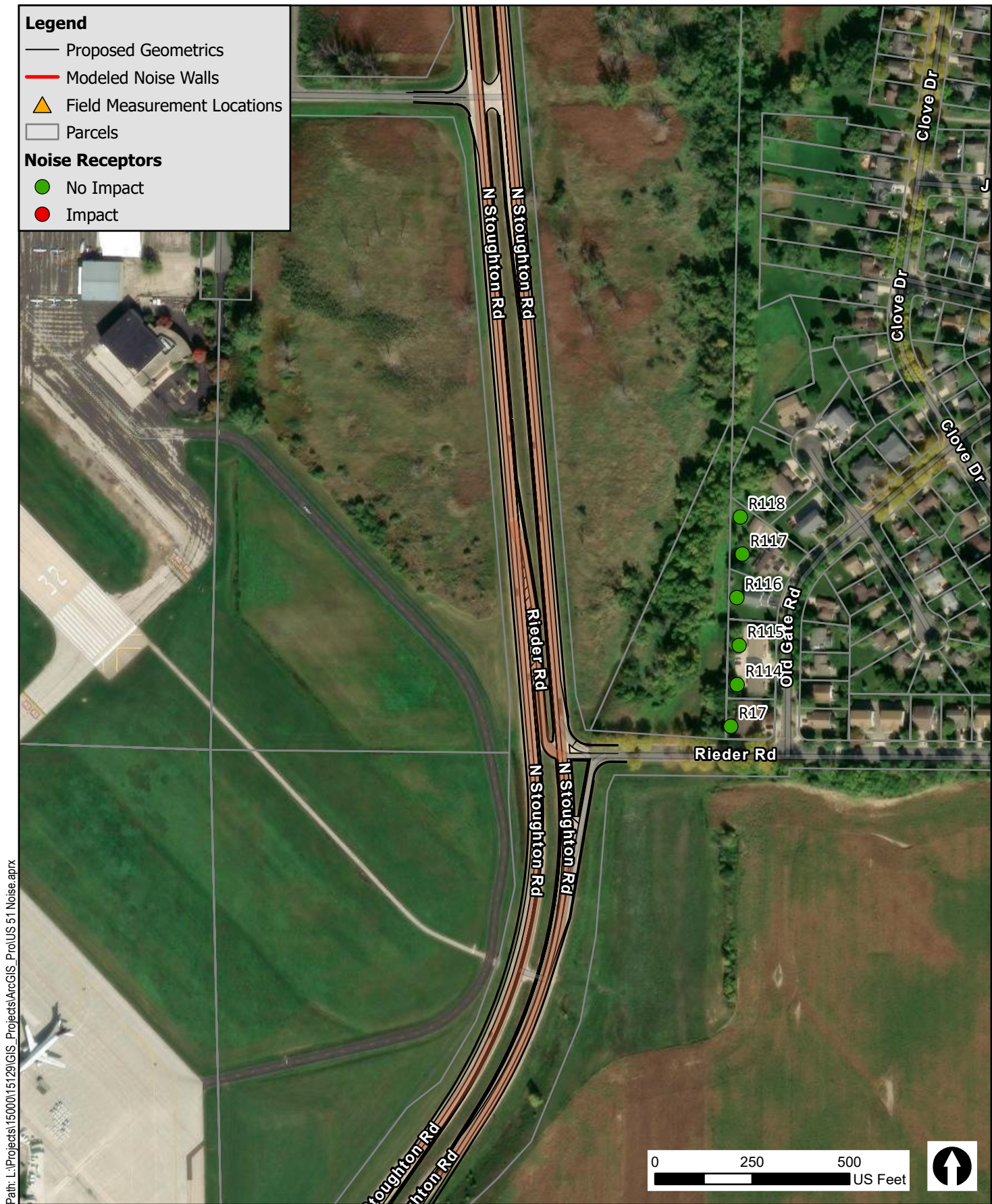
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Wisconsin Department of Transportation



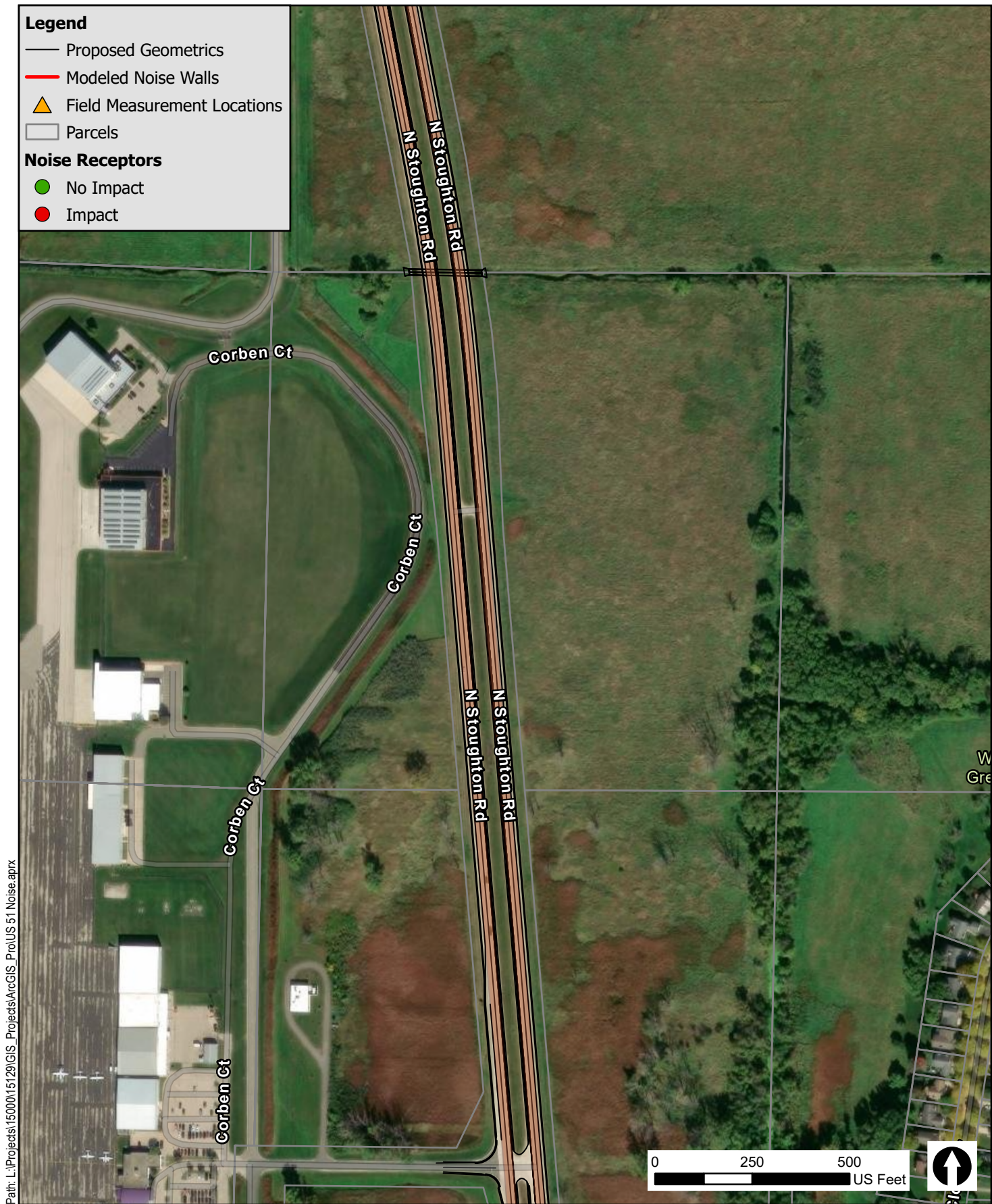
Traffic Noise Analysis - Receptors and Modeled Noise Walls

US 51 North Study in Dane County (Project ID 5410-08-01)
Wisconsin Department of Transportation



Traffic Noise Analysis - Receptors and Noise Walls

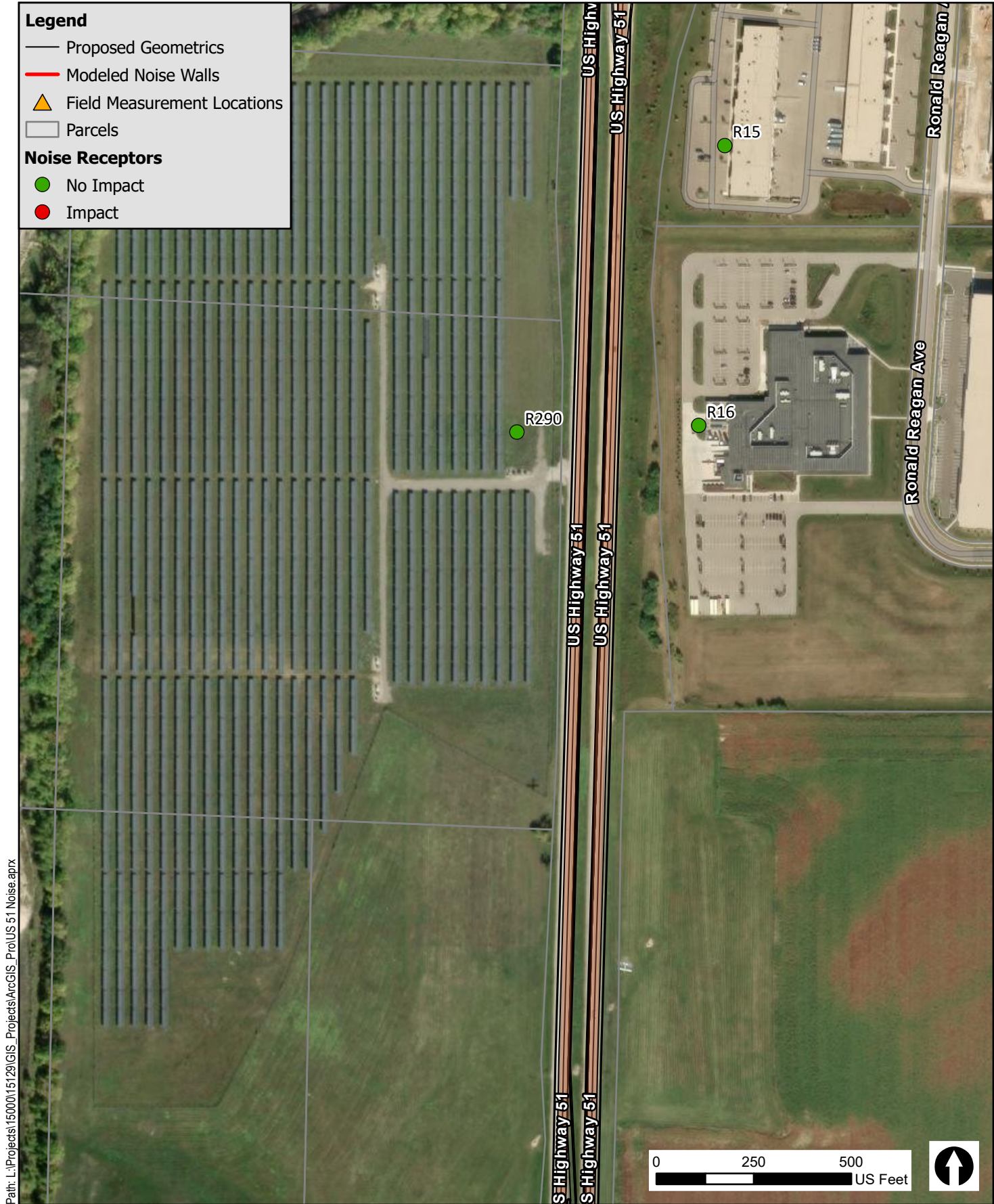
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Wisconsin Department of Transportation





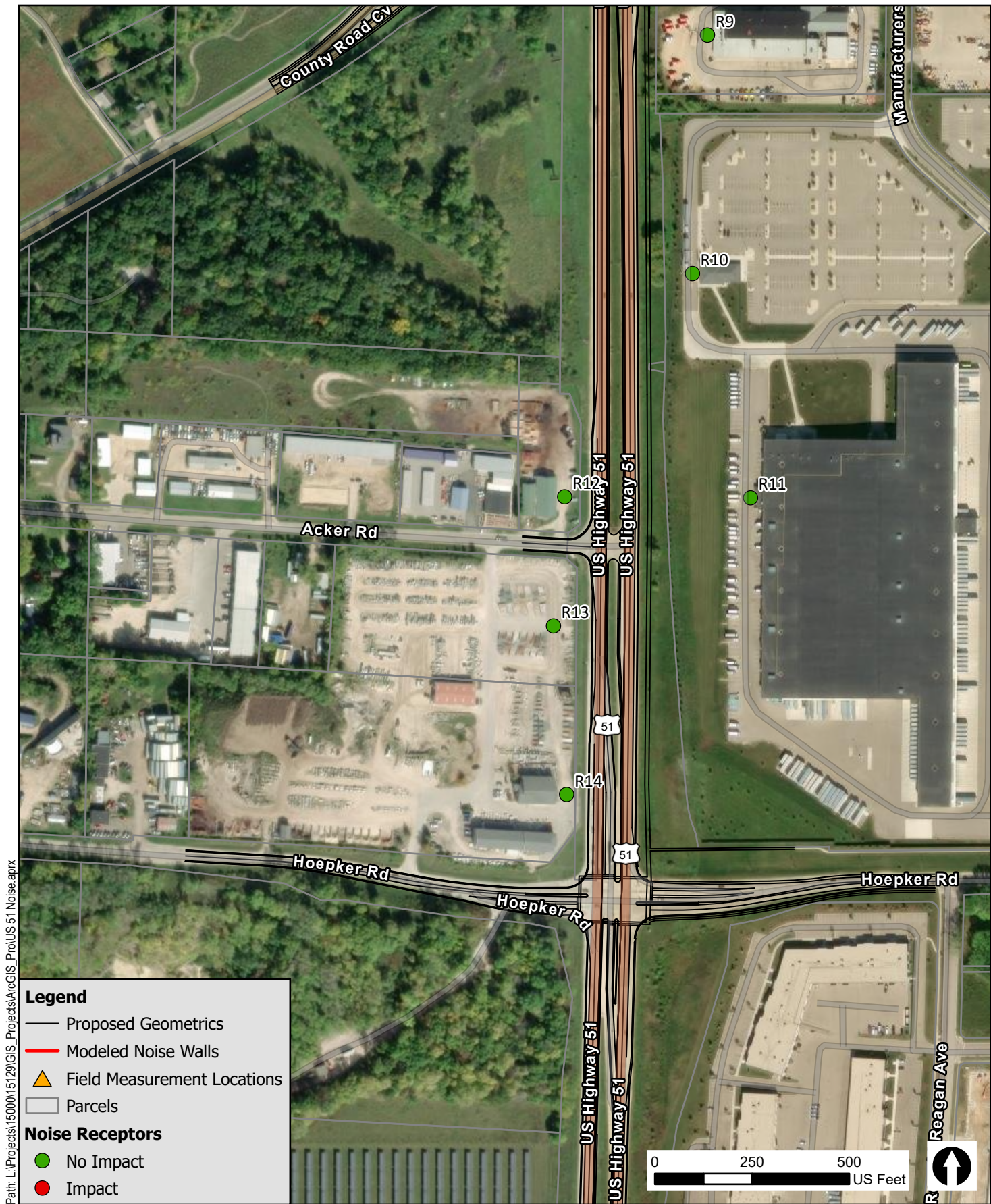
Traffic Noise Analysis - Receptors and Noise Walls

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Wisconsin Department of Transportation



Traffic Noise Analysis - Receptors and Noise Walls

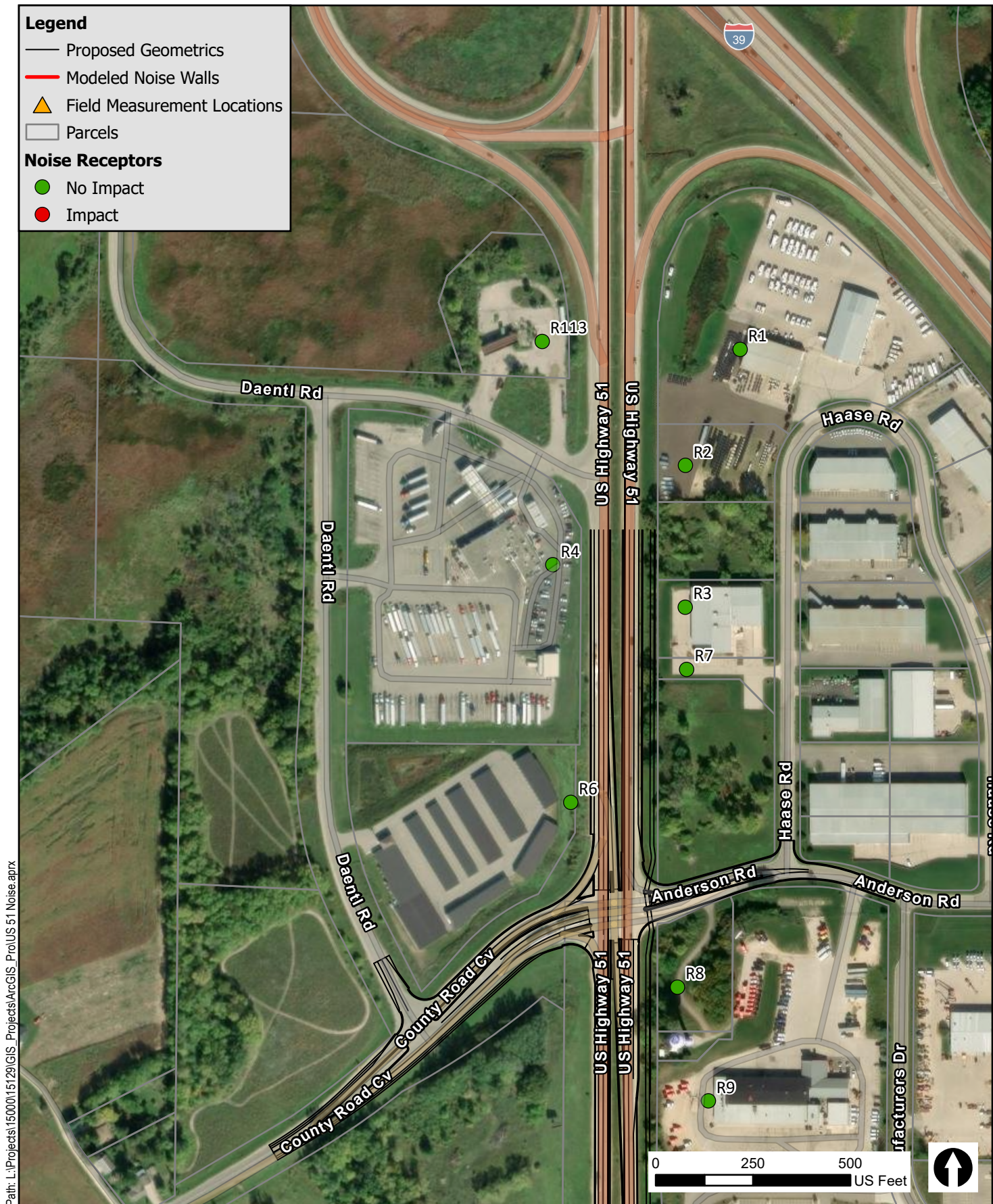
US 51 North Study in Dane County (Project ID 5410-08-01)
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Traffic Noise Analysis - Receptors and Noise Walls

US 51 North Study in Dane County (Project ID 5410-08-01)

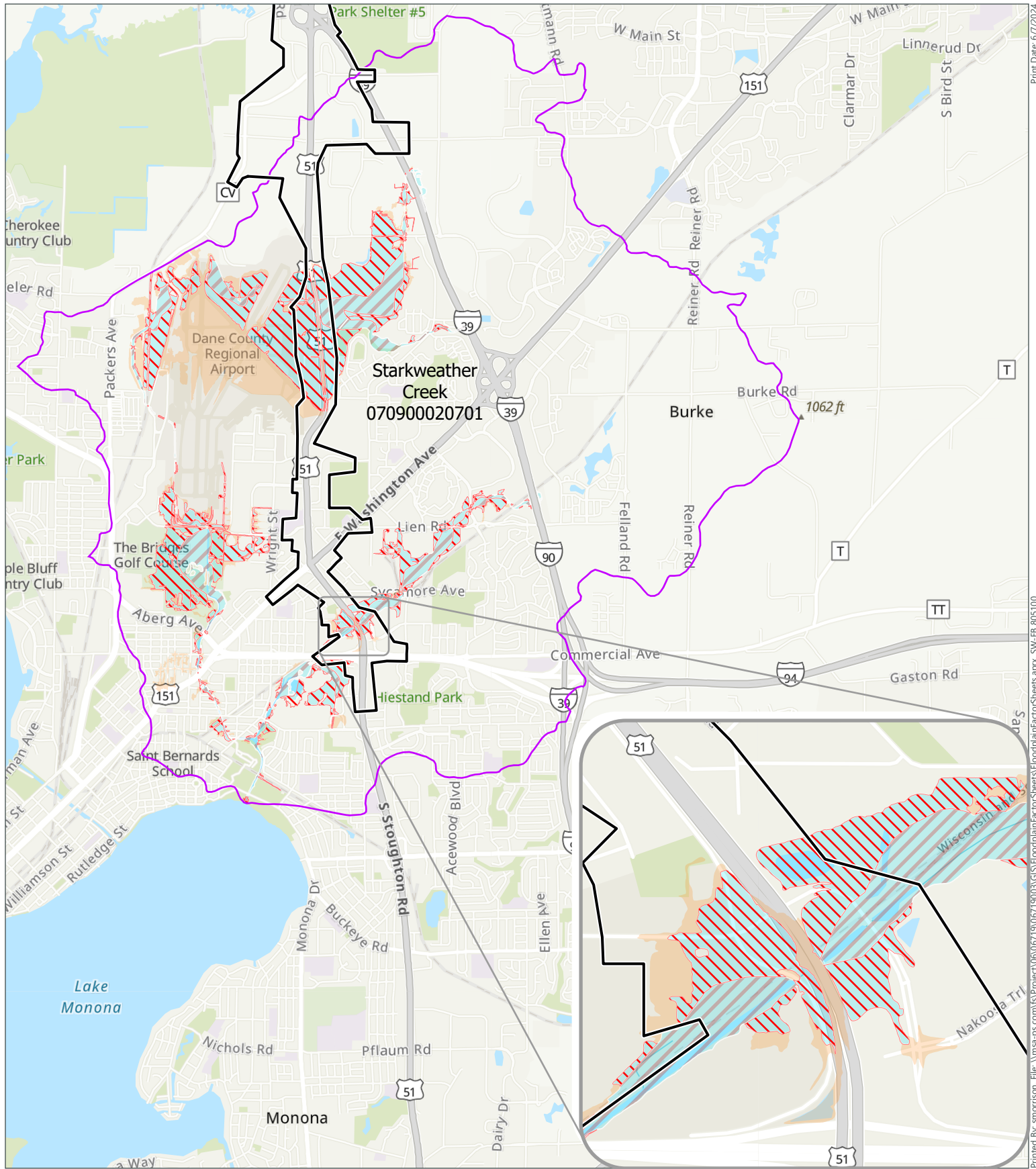
Wisconsin Department of Transportation



Traffic Noise Analysis - Receptors and Noise Walls

US 51 North Study in Dane County (Project ID 5410-08-01)

Wisconsin Department of Transportation



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Data Sources:
 Aerial: Dane County
 Flood Zones: FIRM Effective Date:
 09/17/2014
 HUC12 Watershed: WDNR
 Updated Area of Potential Effect: SRF
 Consulting Group

Flood Zone Designation

-  1% Annual Chance Flood Hazard
-  Regulatory Floodway
-  0.2% Annual Chance Flood Hazard



Floodplain Storage



HUC12 Subwatersheds

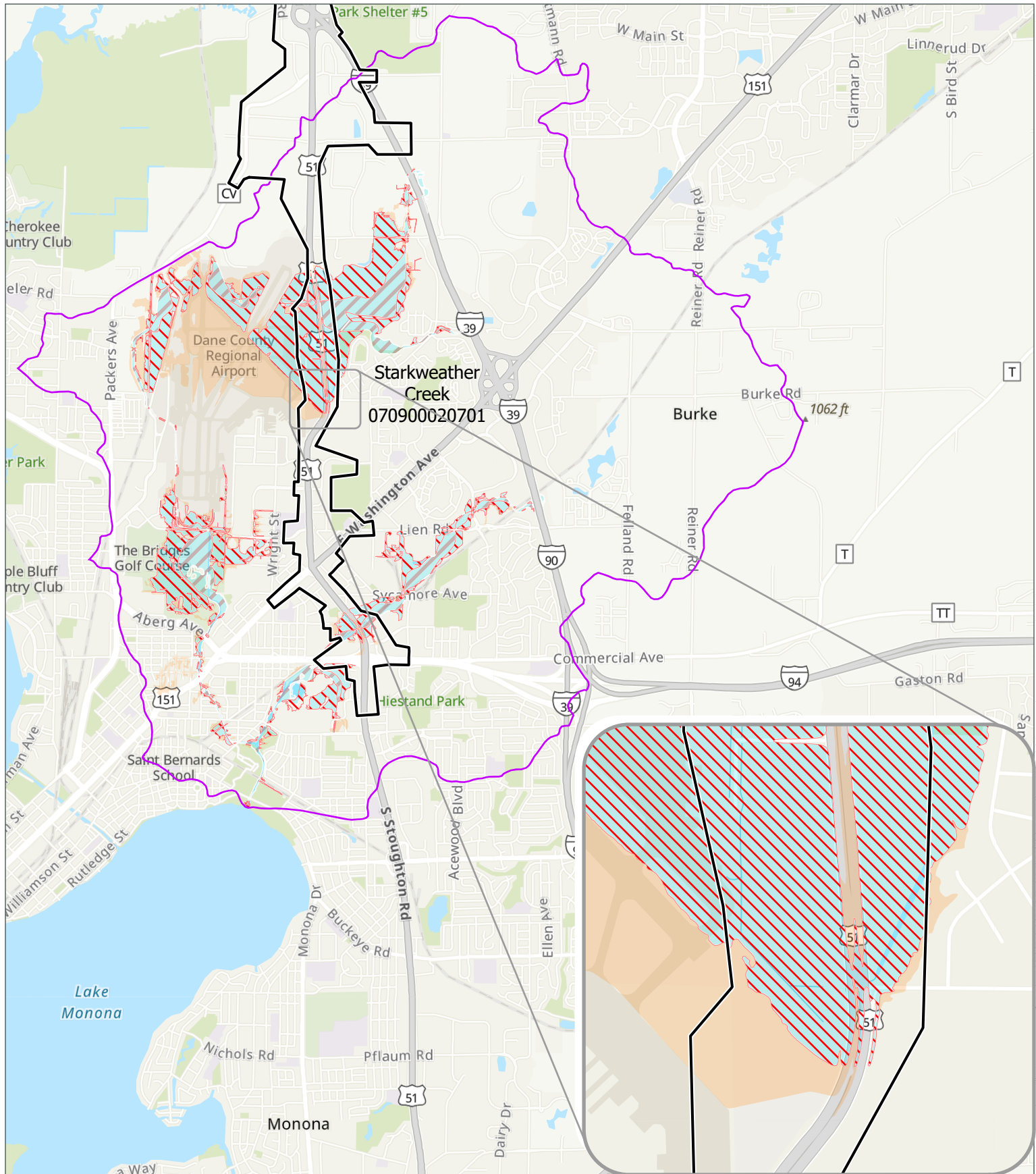


Updated Area of Potential Effect

US 51 North Study Starkweather Creek - East Branch (WBIC 805100)

Madison, Dane County, WI





Print Date: 6/7/2024
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Data Sources:
 Aerial: Dane County
 Flood Zones: FIRM Effective Date:
 09/17/2014
 HUC12 Watershed: WDNR
 Updated Area of Potential Effect: SRF
 Consulting Group

Flood Zone Designation

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- 0.2% Annual Chance Flood Hazard



Floodplain Storage

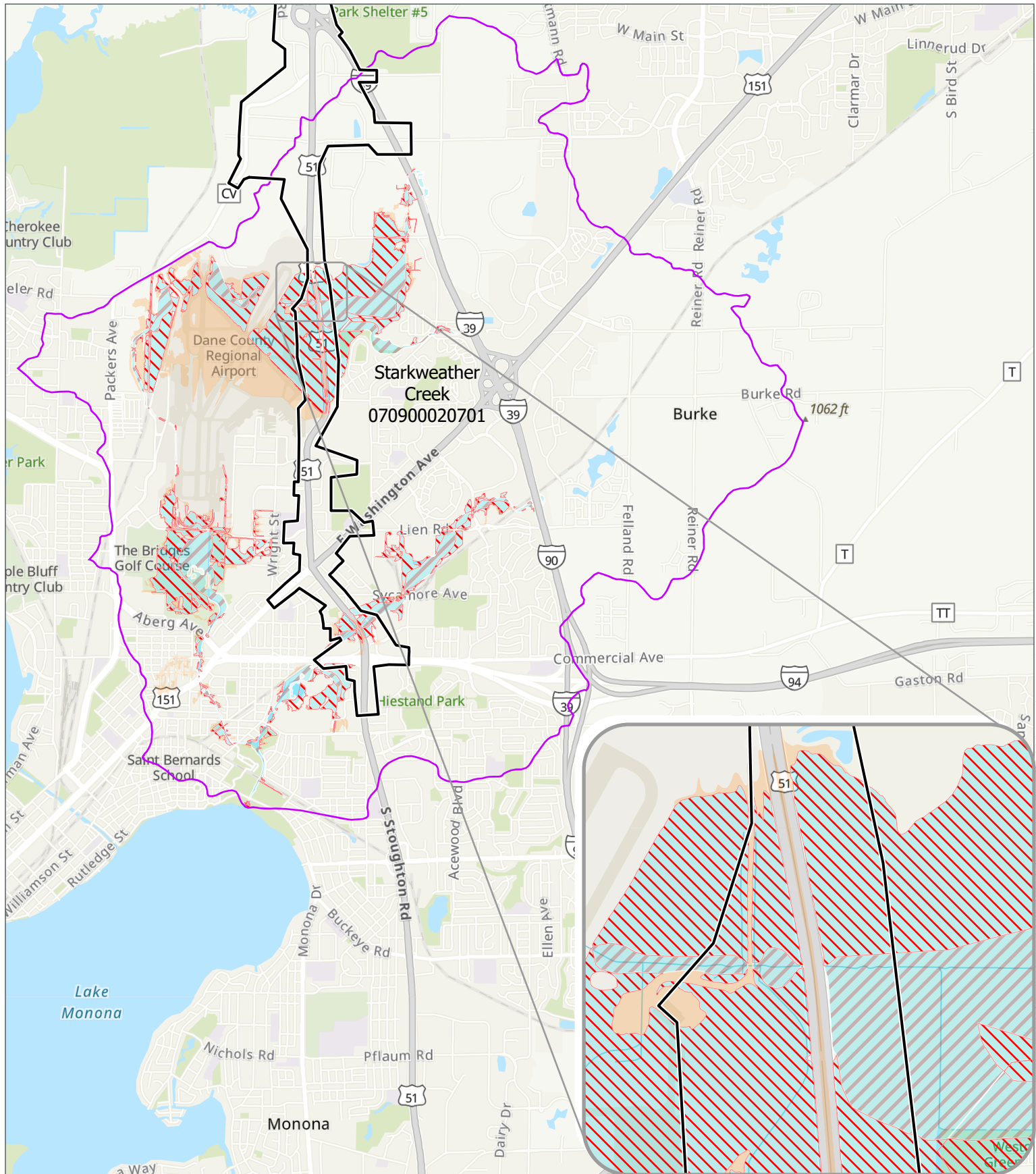


HUC12 Subwatersheds



Updated Area of Potential Effect

US 51 North Study Unnamed Creek (WBIC 5034868)



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Data Sources:
 Aerial: Dane County
 Flood Zones: FIRM Effective Date:
 09/17/2014
 HUC12 Watershed: WDNR
 Updated Area of Potential Effect: SRF
 Consulting Group

Flood Zone Designation

-  1% Annual Chance Flood Hazard
-  Regulatory Floodway
-  0.2% Annual Chance Flood Hazard



Floodplain Storage



HUC12 Subwatersheds



Updated Area of Potential Effect

US 51 North Study Starkweather Creek - West Branch (WBIC 805200)

Madison, Dane County, WI



MAPS

M-30

FLOODPLAIN MAP