

180th Street

From North HWS Cleveland Boulevard to West
Maple Road

MAPA-5147(1) – CN 22224
MAPA-5147(2) – CN 22224A

Public Hearing

Tuesday, December 8, 2015

Open House: 6:00 to 7:00 PM
Presentation: 7:00 to 7:15 PM
Public Forum: 7:15 to 8:00 PM

West Dodge Station Elementary School
18480 California Street
Elkhorn, Nebraska



Purpose and Need



- Improve regional connectivity
- Accommodate future traffic volumes within the area.



Existing Conditions

- 180th Street is two lanes north of North HWS Cleveland Boulevard to the Old Lincoln Highway (OLH), a historic property.
- There is a 0.20 mile disconnect of 180th Street between OLH and Blondo Street.
- 180th Street is two lanes north of Blondo Street.
- Blondo Street is a two-lane roadway.
- West Maple Road is a four-lane divided highway.



Traffic Volumes



No Build Scenario				
Road Segment	2015 ADT	2020 ADT	2045 ADT	Percent Heavy Vehicles
180 th Street from North HWS Cleveland Boulevard to OLH	400	500	1,200	6.7%
180 th Street from OLH to Blondo Street	-	-	-	-
180 th Street from Blondo Street to West Maple Road	1,400	1,800	5,900	6.4%
180 th Street north of West Maple Road	1,500	2,400	19,600	5.5%
Build Scenario				
180 th Street from North HWS Cleveland Boulevard to OLH	400	9,900	40,900	6.5%
180 th Street from OLH to Blondo Street	-	9,900	40,900	6.5%
180 th Street from Blondo Street to West Maple Road	1,400	9,400	34,500	6.2%
180 th Street north of West Maple Road	1,500	3,400	26,400	0.8%

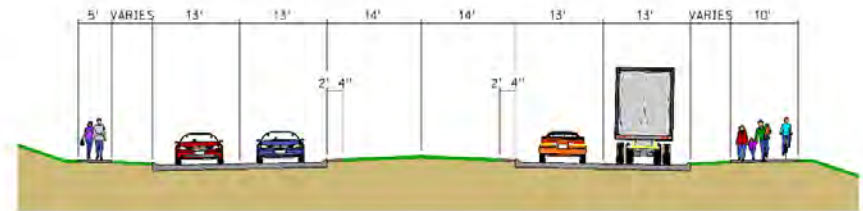
Source: Metropolitan Area Planning Agency (MAPA)

Proposed Project

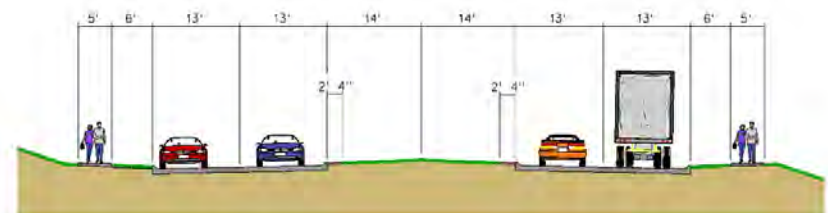
Phase 1 – CN 22224, MAPA-5147(1)
180th Street and Blondo Street



- Reconstruct 180th Street to a four-lane roadway on an alignment slightly east of the existing alignment.
- Construct two parallel bridges over the Old Lincoln Highway, Union Pacific Railroad, and West Papillion Creek.
- Extend the 180th Street Trail.
- Reconstruct a portion of Blondo Street to a four-lane roadway north of the existing roadway.
- Replace an existing bridge on Blondo Street east of 180th Street.



180th Street – Looking North



Blondo Street – Looking East

PRELIMINARY PLAN
NOT FINAL - SUBJECT TO CHANGE

Proposed Project

Phase 1 – CN 22224, MAPA-5147(1)

180th Street and Blondo Street



U.S. Department of Transportation
Federal Highway Administration



STATE PROJECT NO. MAPA-5147(1), C.N. 22224
180TH STREET FROM NORTH HWS CLEVELAND
BOULEVARD TO WEST MAPLE ROAD
PHASE 1

LEGEND	
	PAVED ROADS, INTERSECTIONS AND DRIVEWAYS
	GRAVEL SURFACES
	BRIDGES
	SIDEWALK
	BIKE TRAIL
	TEMPORARY CONNECTION
	TEMPORARY ACCESS
	PROPERTY LINE
	EXISTING ROW
	LIMITS OF CONSTRUCTION

PRELIMINARY PLAN
NOT FINAL - SUBJECT TO CHANGE



U.S. Department of Transportation
Federal Highway Administration



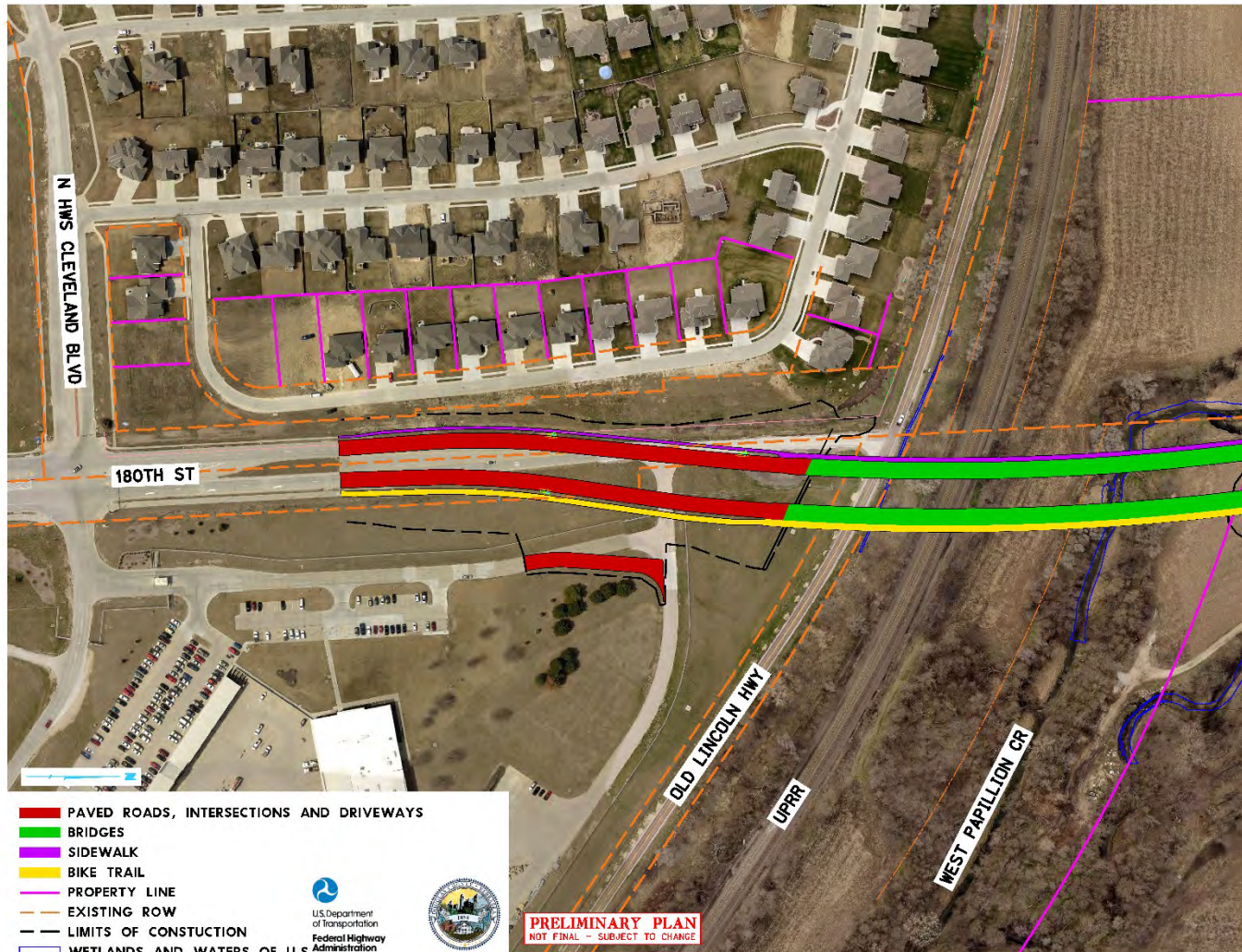
Proposed Project

Phase 1 – 180th Street



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of Transportation

Federal Highway
Administration

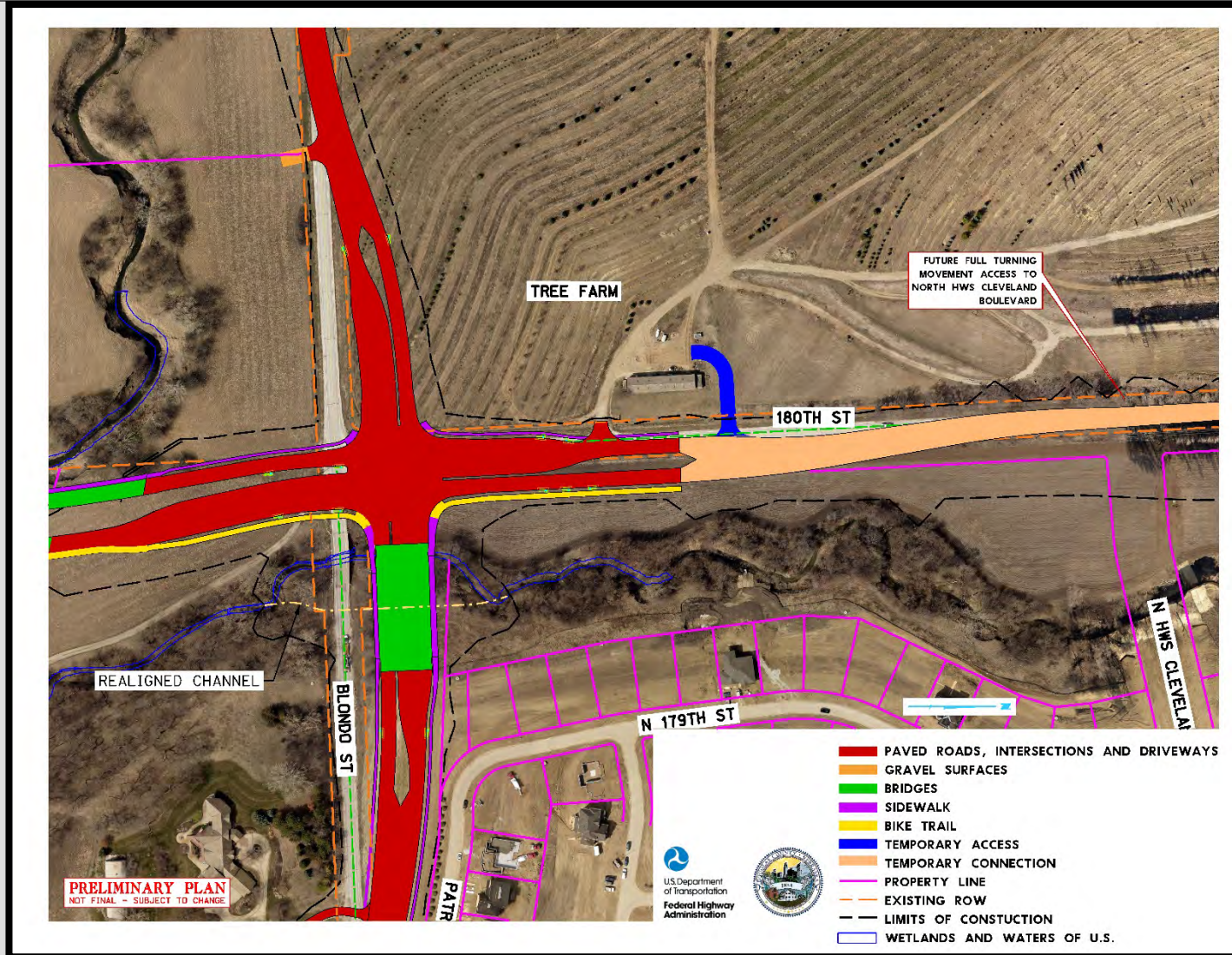


Proposed Project

Phase 1 – 180th Street

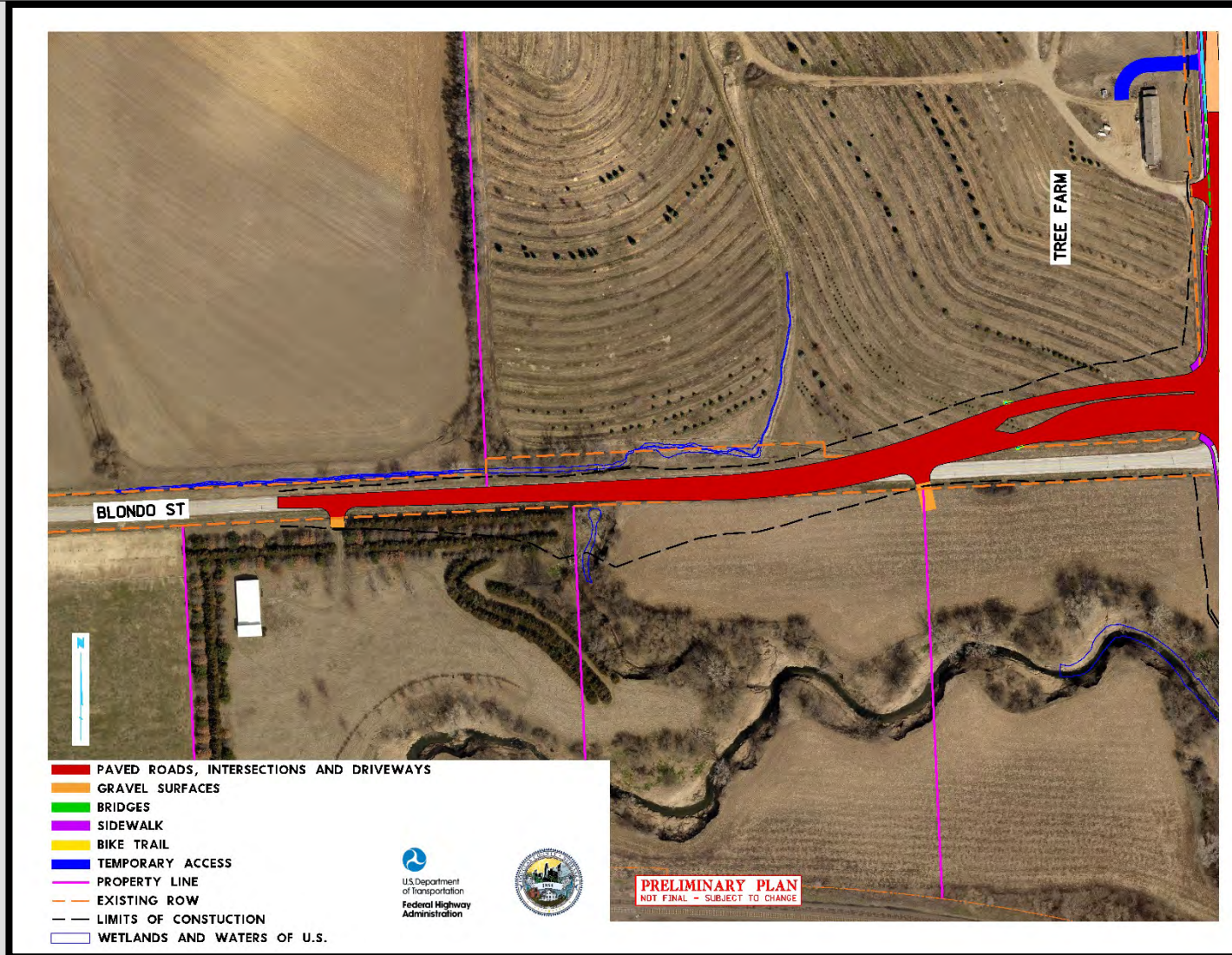


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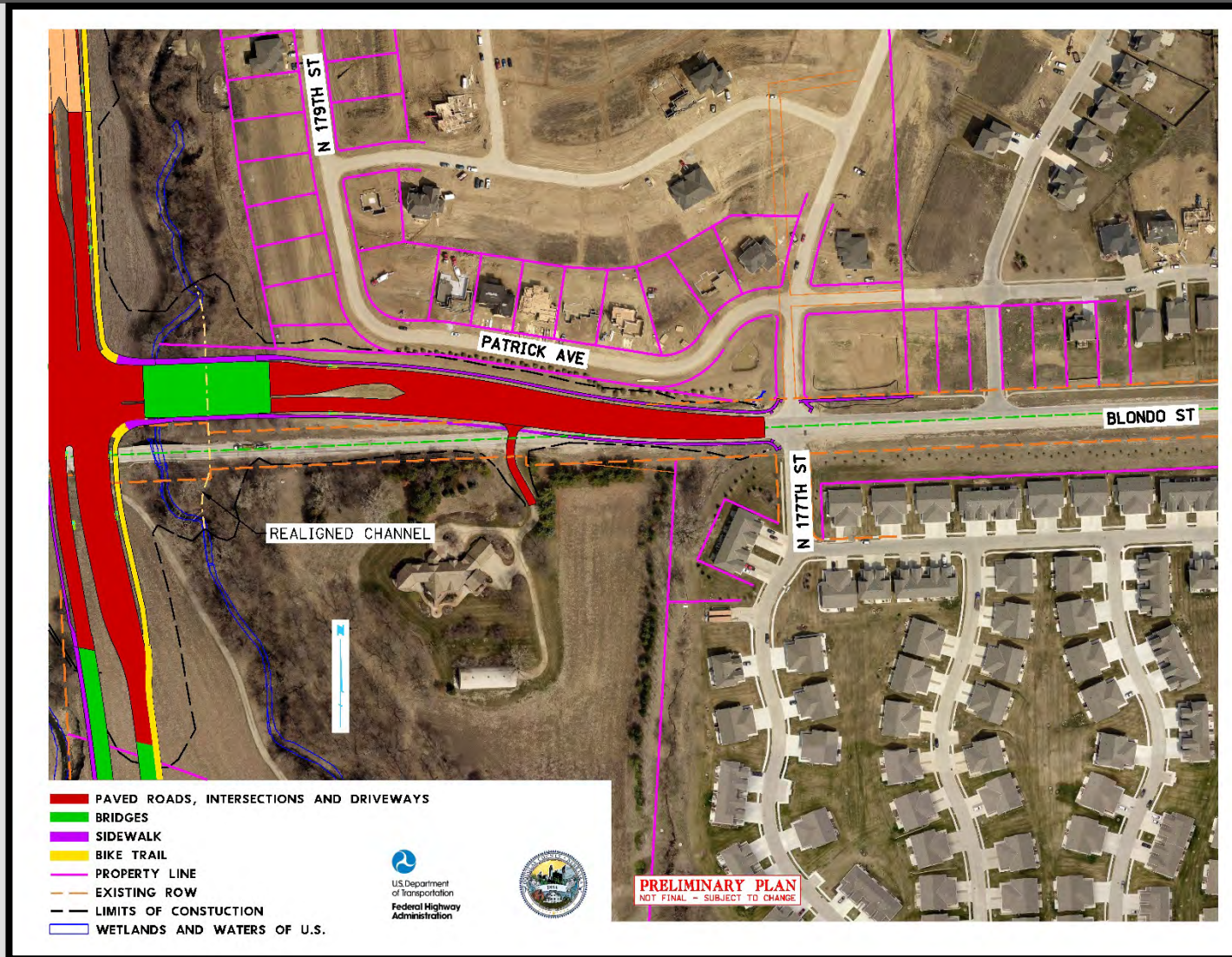
Proposed Project

Phase 1 – Blondo Street



Proposed Project

Phase 1 – Blondo Street

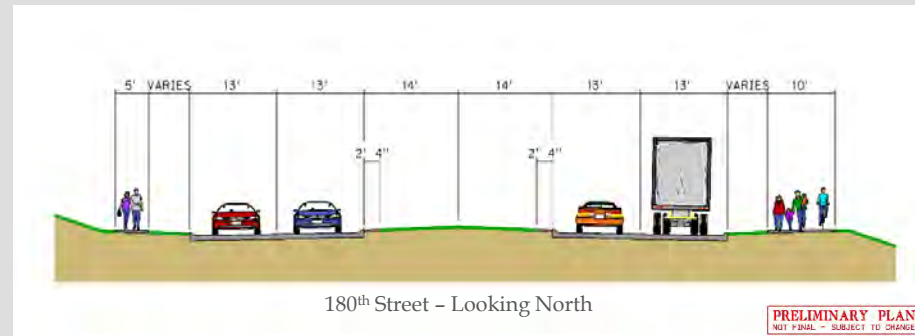


Proposed Project

Phase 2 – CN 2224A, MAPA-5147(2)
180th Street and West Maple Road

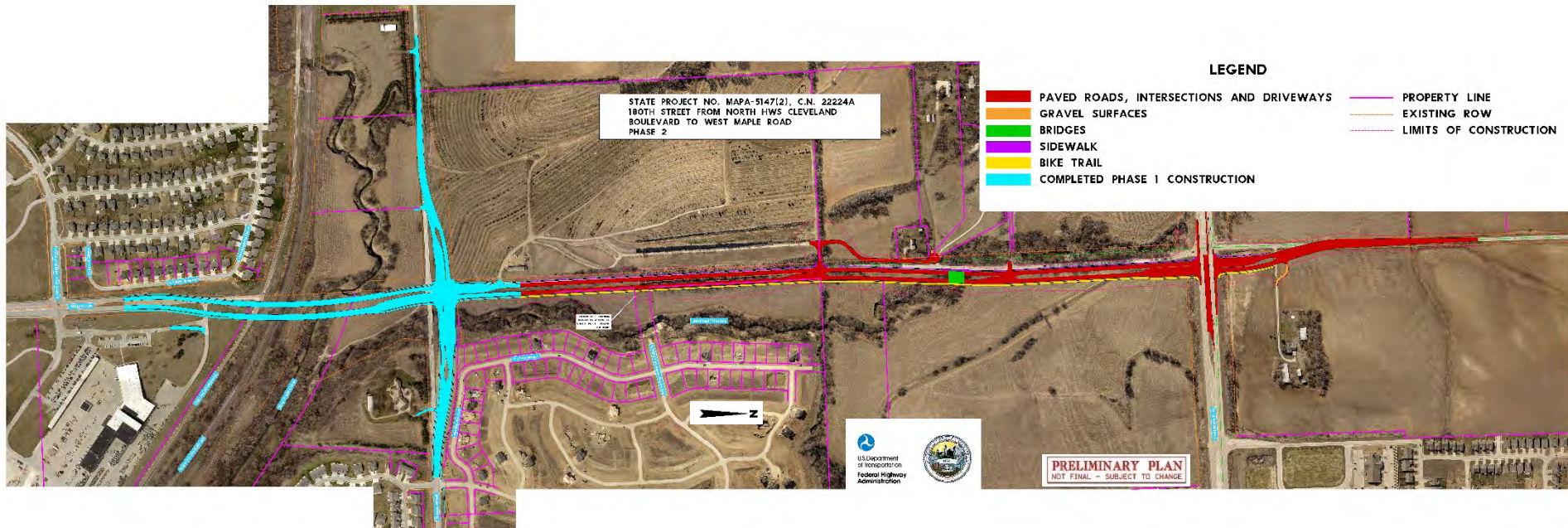


- Reconstruct 180th Street to a four-lane roadway on an alignment slightly east of the existing alignment.
- Extend the 180th Street Trail.
- Replace an existing bridge on 180th Street south of West Maple Road.
- Reconfigure 180th Street and West Maple Road intersection.



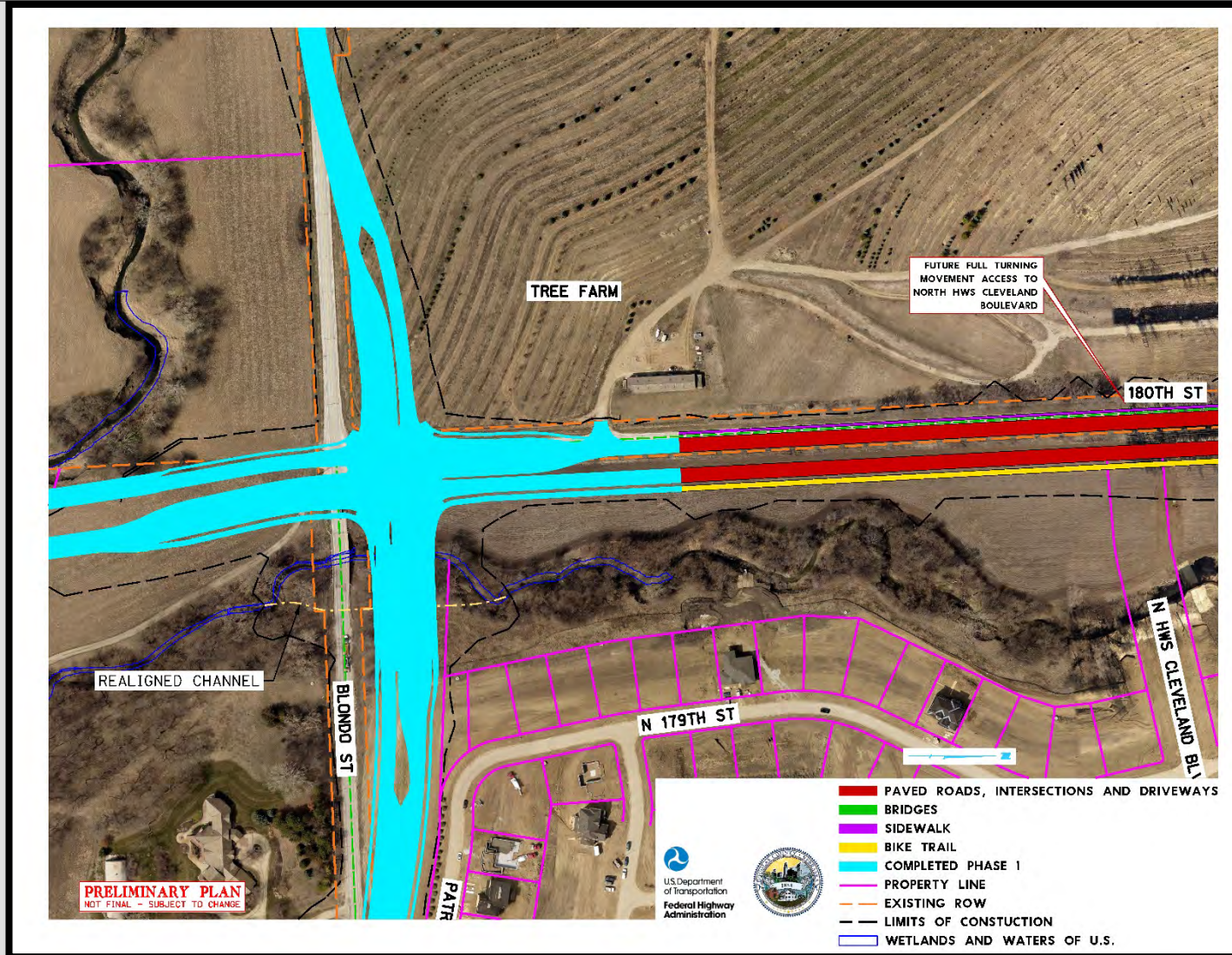
Proposed Project

Phase 2 – CN 22224A, MAPA-5147(2)
180th Street and West Maple Road



Proposed Project

Phase 2 – 180th Street

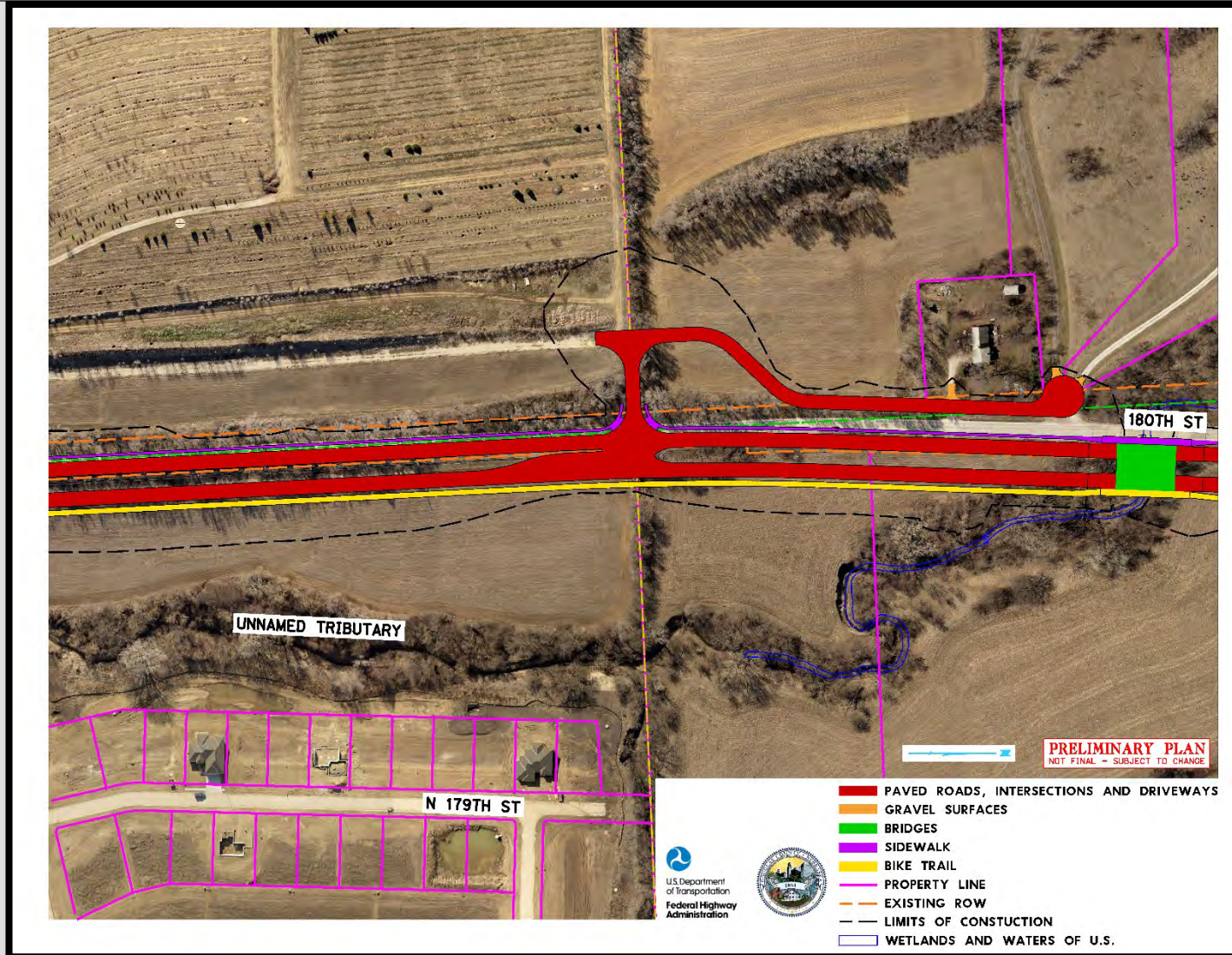


Proposed Project

Phase 2 – 180th Street



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Proposed Project

Phase 2 – 180th Street



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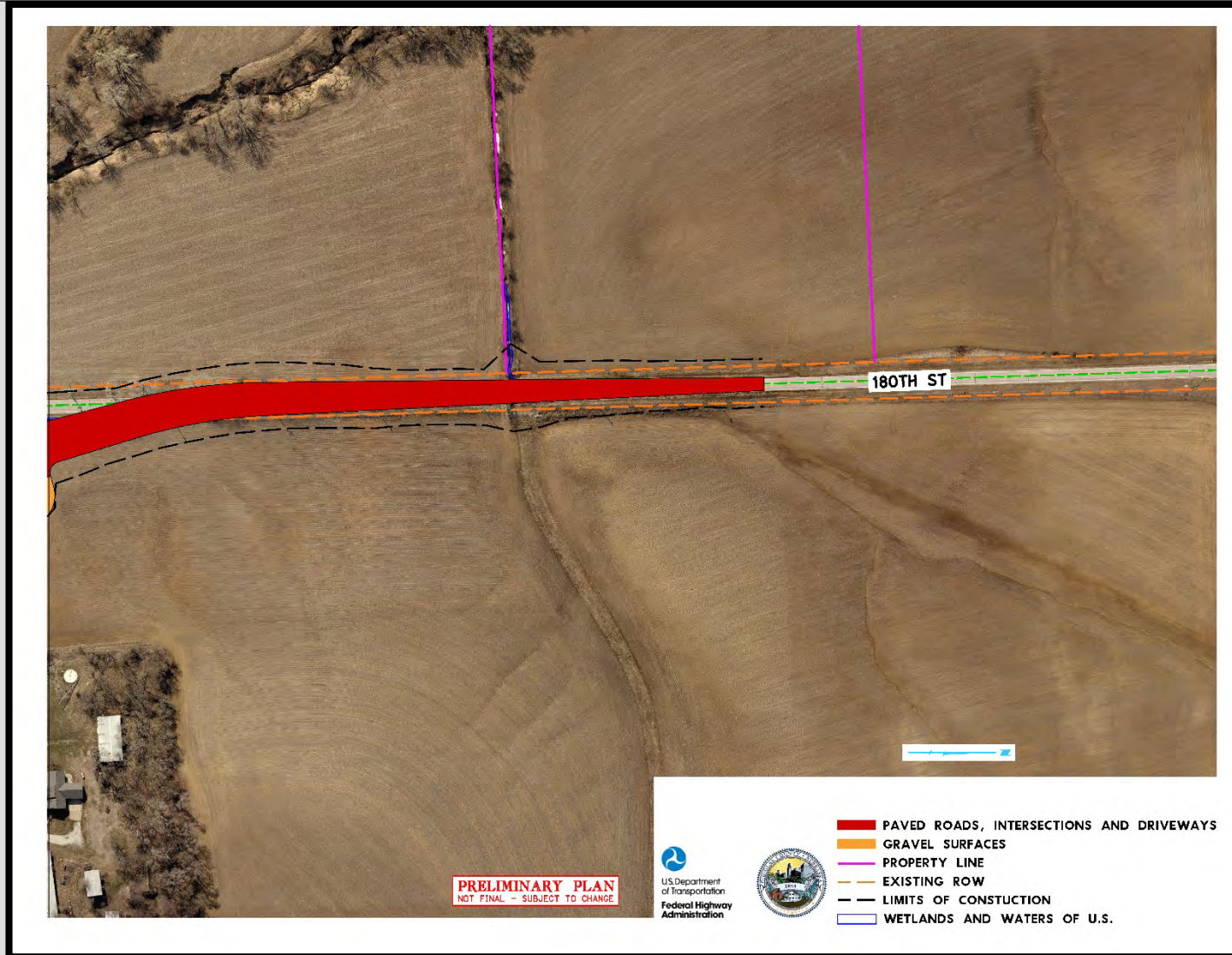
- PAVED ROADS, INTERSECTIONS AND DRIVEWAYS
- GRAVEL SURFACES
- SIDEWALK
- BIKE TRAIL
- PROPERTY LINE
- EXISTING ROW
- LIMITS OF CONSTRUCTION
- WETLANDS AND WATERS OF U.S.



PRELIMINARY PLAN
NOT FINAL - SUBJECT TO CHANGE

Proposed Project

Phase 2 – 180th Street



Environmental Review

National Environmental Policy Act (NEPA)



- Land Use
- Social Impacts
- Economic Impacts
- Minority and Low Income Populations
- Right-of-Way Acquisitions and Relocations
- Access
- Parks and Recreational Areas
- Historic and Cultural Resources
- Water Quality
- Wetlands
- Floodplains
- Threatened and Endangered Species
- Utilities
- Noise
- Air Quality
- Hazardous Materials
- Transportation Needs
- Cumulative and Indirect Impacts
- Farmland

Historic Old Lincoln Highway



- Listed on the National Register of Historic Places
- Recommended Project Effect: No Adverse Effect
- Programmatic Agreement

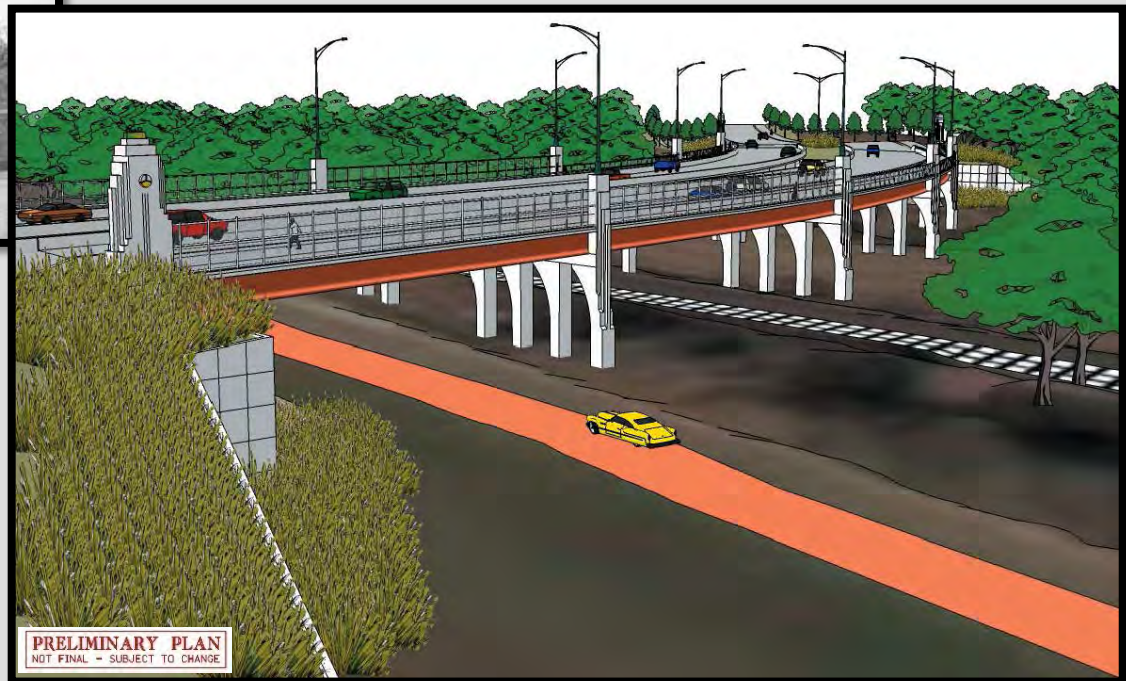


Historic Old Lincoln Highway

Aesthetics



Period bridge used to develop concepts
in the 180th Street Bridge Aesthetic
Master Plan.

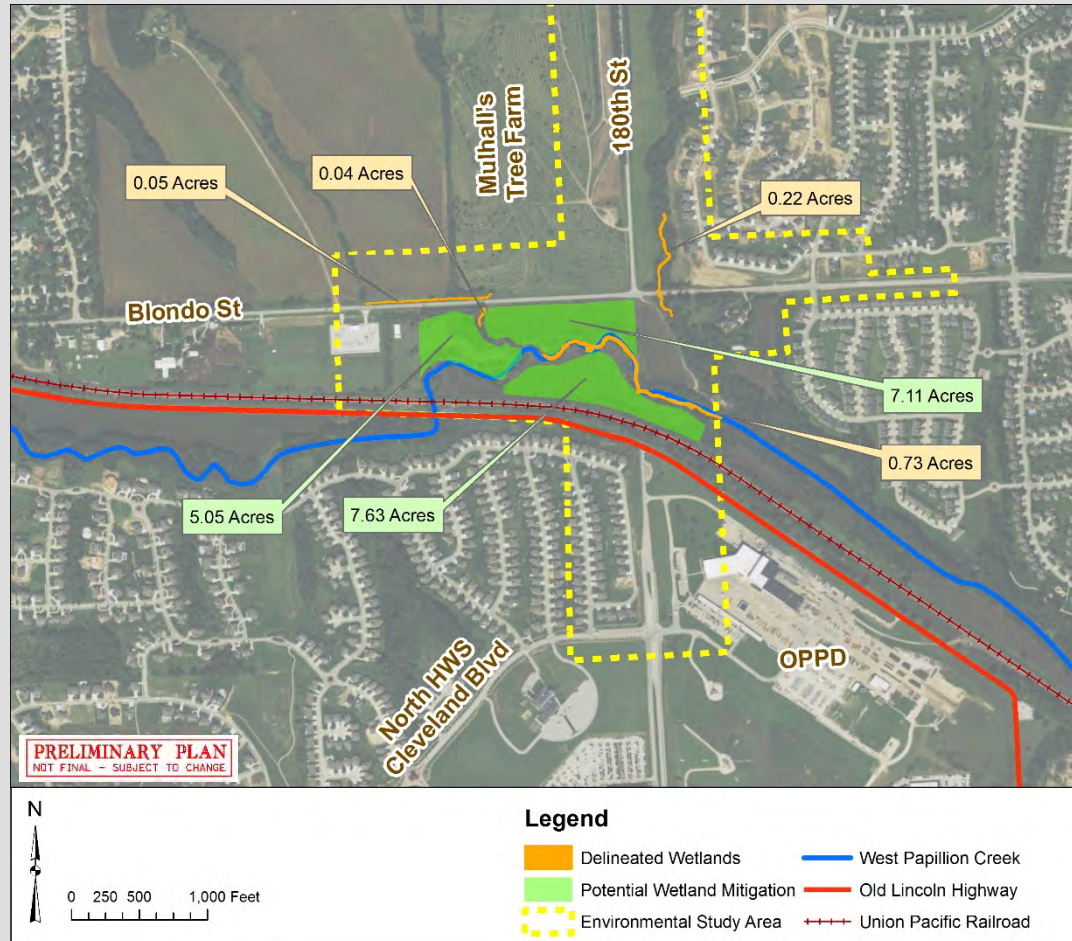


Historic Old Lincoln Highway

Aesthetics



Waters of the United States



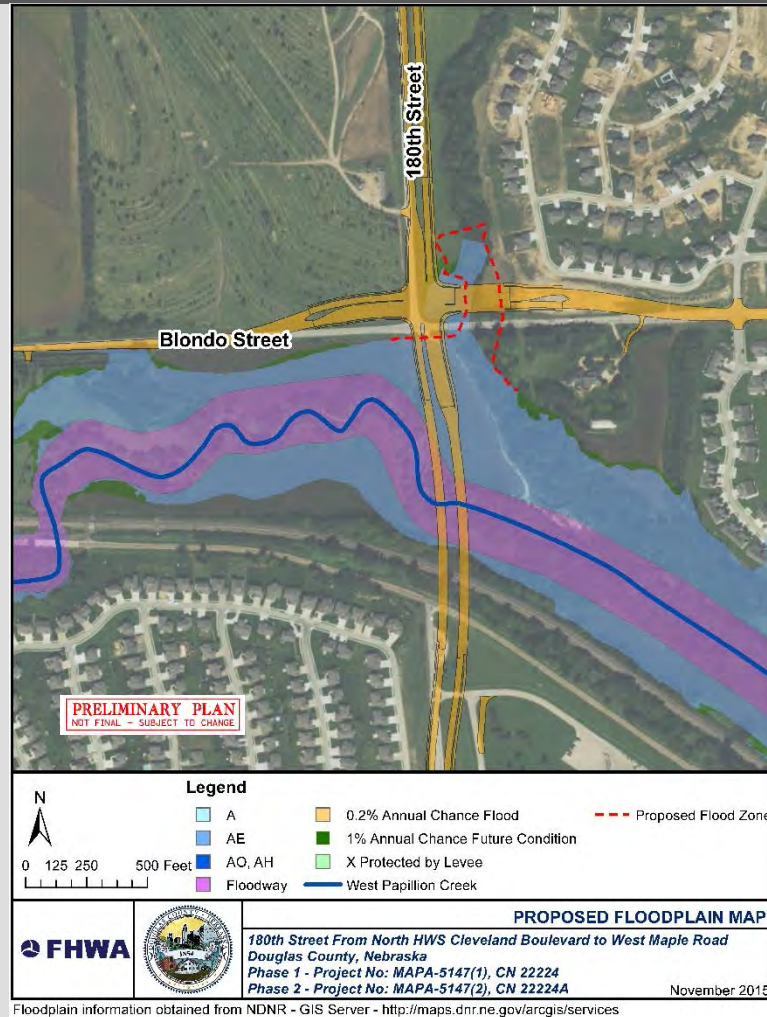
Wetland and Channel Impacts

Waters of the United States

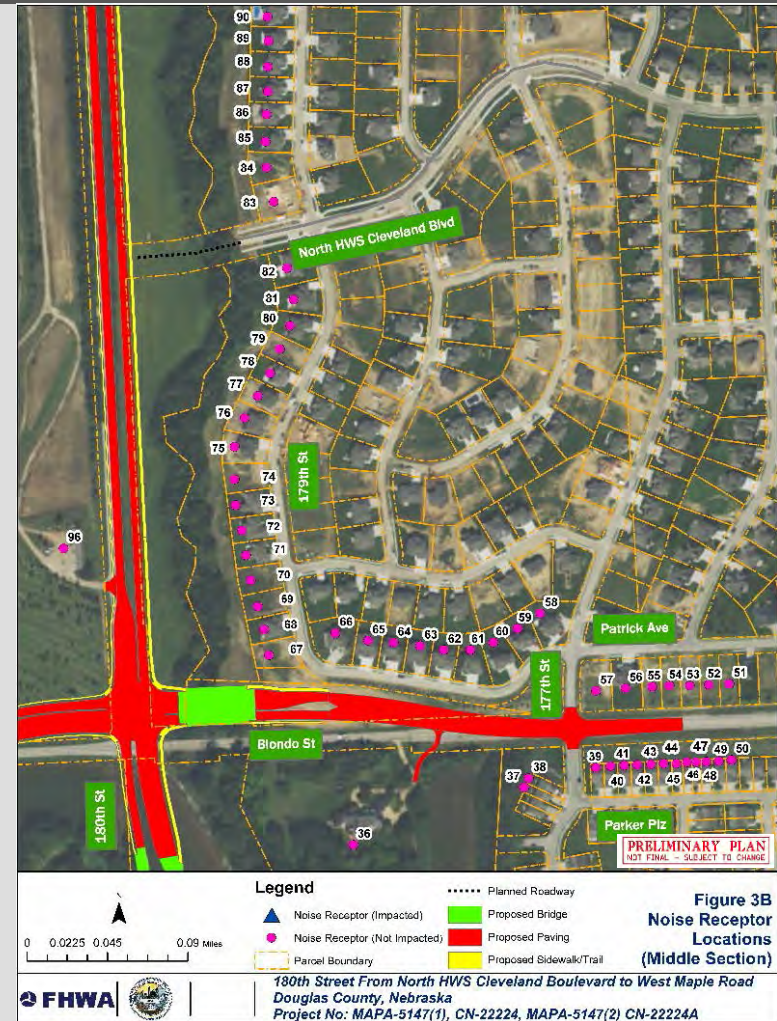
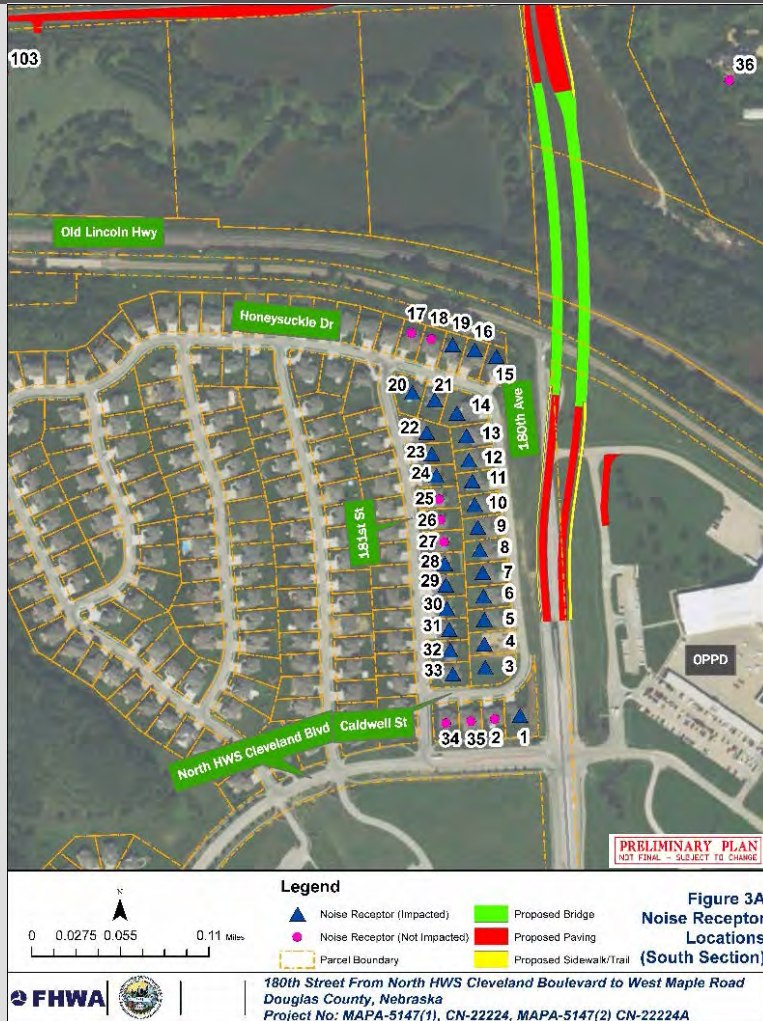


Wetland and Channel Impacts

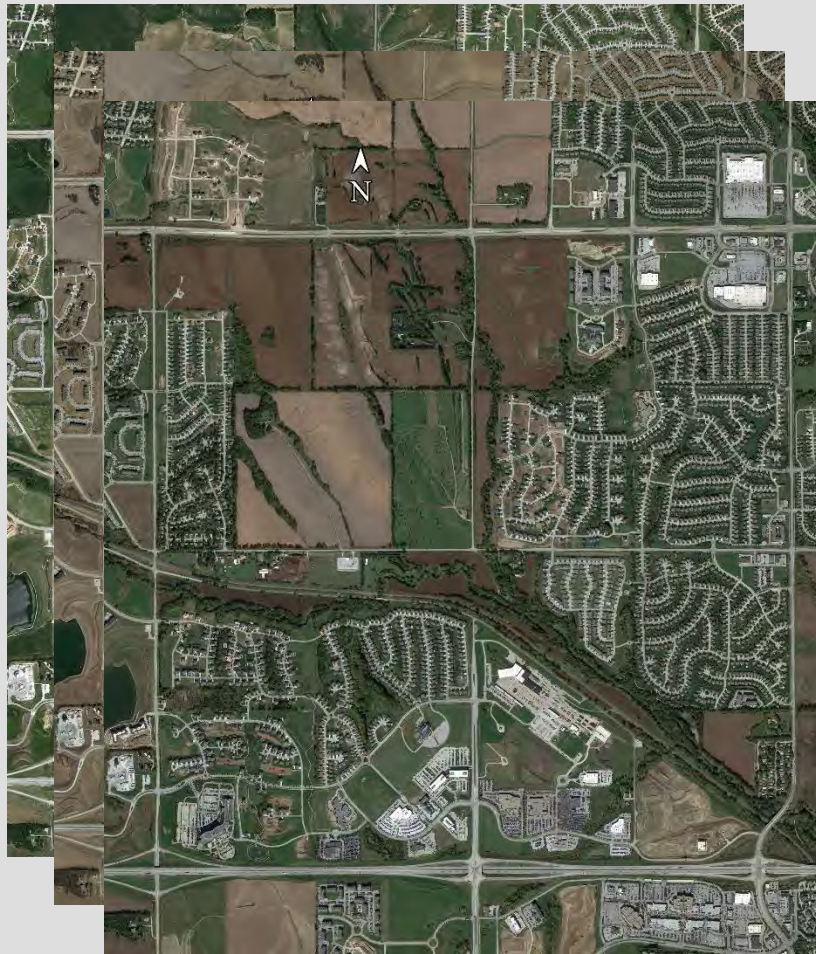
Floodplain Impacts



Noise Impacts



Area Development



2010 Aerial
2012 Aerial
2014 Aerial

Aerial images were copied from Google Earth

Accommodation of Traffic

Phase 1 Detours



- 180th Street, Blondo Street, and the historic Old Lincoln Highway would be closed to through traffic for the duration of the phase.
- Two Years

Accommodation of Traffic

Phase 2 Detour



- 180th Street, between Blondo Street and Fort Street, would be closed to through traffic for the duration of the phase.
- West Maple Road modifications would be made under traffic.
- Two Years

Construction Schedule



- Phase 1
 - Expected to begin early 2019 and completed by end of 2020.

- Phase 2
 - Expected to begin early 2021 and completed by end of 2022.

Estimated Cost



Phase 1 - \$31,000,000

Phase 2 - \$10,000,000

Public Forum

7:15pm-8:00pm

- Sign up to ask a question or give a comment when approaching the lectern.
- 3 minute time limit.
- Please state your name and spell your last name prior to speaking.



Comments



In addition to the comments received tonight, comments will be accepted through December 23, 2015.

Send Comments To:
Tom McDonald
Douglas County Engineer's Office
15505 West Maple Road
Omaha, NE 68116-5173
Phone: (402) 444-6372
Email: tom.mcdonald@douglascounty-ne.gov

Thank You!

Information will be available at the Douglas County website at:

<http://www.dcengineer.org/information>