



Wayne County Roads Department

510 Pearl Street
Suite 5
Wayne, NE 68787

(402) 375-1153
FAX (402) 375-4137
E-mail: roads@wayne.nacone.org

19 December 2016

Name
Address
Wayne, NE 68787

Project Name: **Wayne West**, Project Number: **BRO-7090(20)**, Control Number: **32067**

Dear Citizen:

Enclosed is information regarding the proposed transportation improvement project on 574th Avenue called Wayne West.

Wayne County is planning the replacement of a bridge one mile west of the City of Wayne and 0.6 mile south of Nebraska Highway 35 on 574th Avenue. The proposed project would require detouring 574th Avenue traffic; a designated detour would be provided utilizing 854th Road, 575th Avenue, and Grainland Road. The proposed project would require the acquisition of additional property rights including new right-of-way (ROW) for construction throughout the project area. Wetland impacts are anticipated; however, no mitigation would be required. Construction is tentatively scheduled to begin as early as the spring of 2018 and could be complete by the fall of 2018.

The public is being encouraged to make suggestions or express concerns regarding this proposed project. A comment sheet is included for your use. Comments will be collected through January 23, 2017. A fact sheet and figures describing the proposed project's details are also included with this letter. Written comments should be submitted to: Mark Casey, Road/Bridge Project Manager, Roads Office, 510 North Pearl Street, Suite 5, Wayne, NE 68787; email roads@wayne.nacone.org, phone number (402)375-1153.

Wayne County understands a bridge replacement project may cause temporary inconvenience and hardship, but we are dedicated to improving Wayne County's bridges. With your help we can achieve this goal.

Sincerely,

Mark Casey
Road/Bridge Project Manager
Wayne County



BRO-7090(20); C.N. 32067
Wayne West

LOCATION: This proposed project is on 574th Avenue, one mile west of the City of Wayne and 0.6 mile south of Nebraska Highway 35, in Wayne County, Nebraska.

PURPOSE AND NEED: The purpose of this proposed project is to preserve the transportation asset, improve the reliability of the transportation system and perpetuate the mobility of the traveling public. The proposed project is needed because:

- The bridge is structurally deficient due to extensive deterioration of the bridge components, including the substructure. Conditions include, but are not limited to, corrosion, weak spots in the steel trusses, and loss of bridge components over time.
- The bridge, built in 1935, is more than 75 years old and is at the end of its design life. A weight load restriction of 9 tons has been placed on the bridge due to its deteriorated condition and prevents farm equipment from crossing Deer Creek via the bridge.
- The bridge provides market access for local residents to Wayne, Nebraska.

SCOPE OF WORK: The proposed project would remove and replace the Wayne County Bridge (Structure Number C009003315) with a new bridge. Additional improvements would include installing culverts in the southwest and southeast quadrants of the bridge, riprap would be placed between the culvert outlet and the edge of the water, guardrail would be installed on all four corners of the new bridge, and the road would be widened. A temporary crossing may be needed. Erosion control measures would be implemented.

TRAFFIC VOLUMES:

574th Avenue

Year	2016	2036
Vehicles Per Day (ADT)	50	85
% Heavy Trucks	10%	10%

CONSTRUCTION SCHEDULE: Construction is tentatively scheduled to begin as early as the spring of 2018 and could be complete by the fall of 2018.

ACCOMMODATION OF TRAFFIC: The proposed project would require detouring 574th Avenue traffic; a designated detour would be provided utilizing 854th Road, 575th Avenue, and Grainland Road.

RIGHT-OF-WAY: The proposed project would require the acquisition of additional property rights including new right-of-way (ROW) for construction throughout the project area.

POTENTIAL IMPACTS: Wetland impacts are anticipated; however, no mitigation would be required.

ESTIMATED COST: The proposed project's cost is currently estimated at \$1.25 million, which would derive from federal and county funding sources.

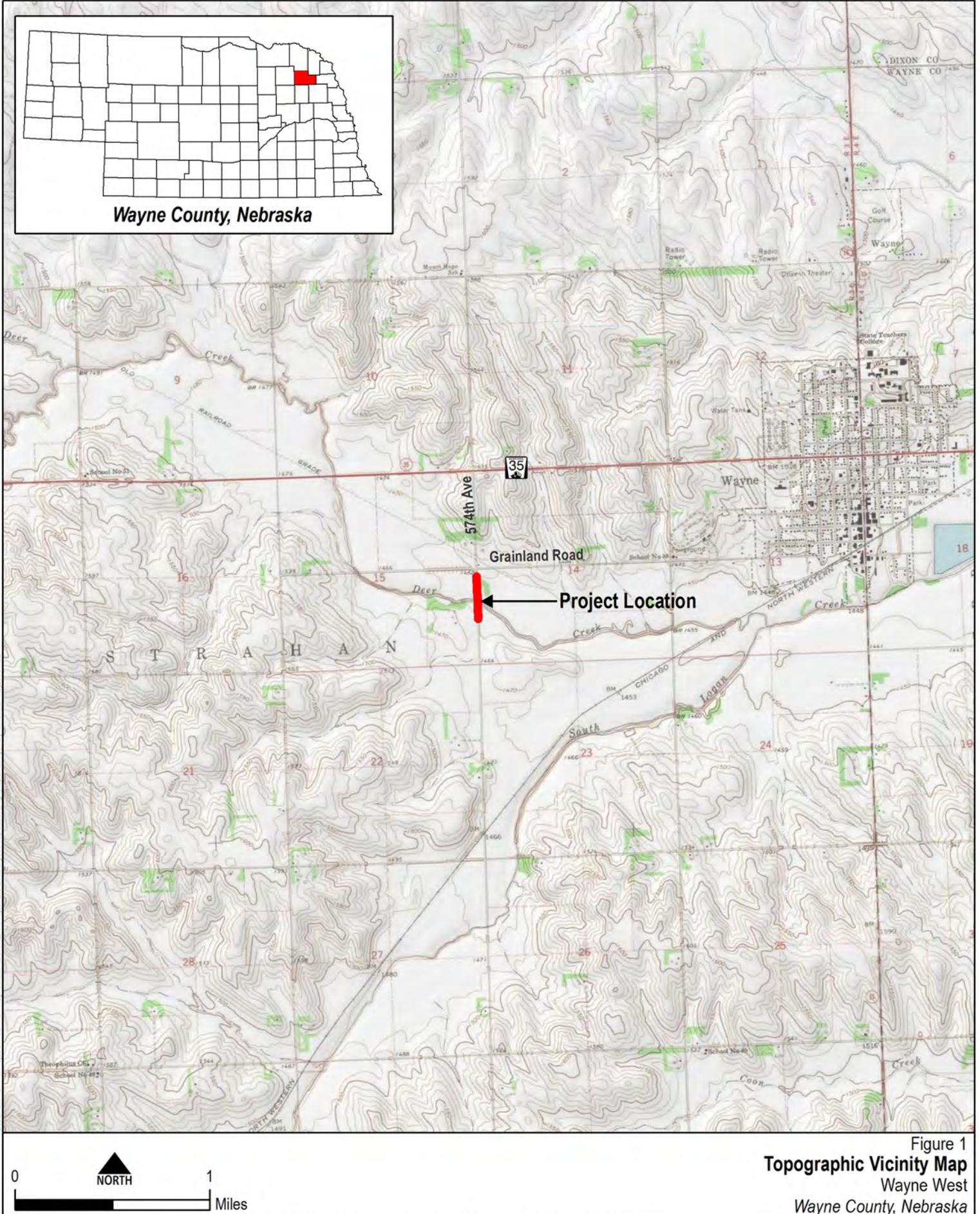
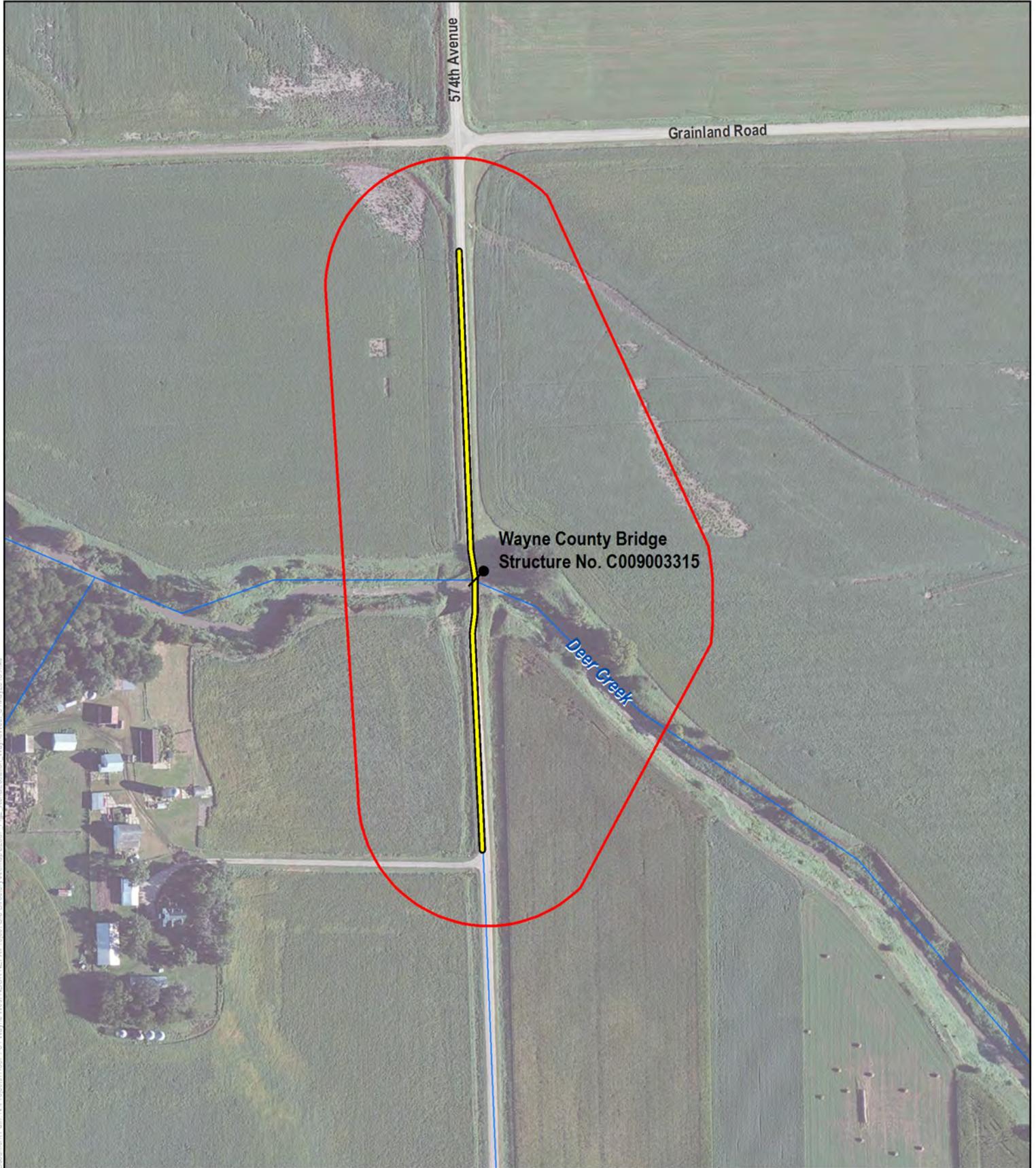


Figure 1
Topographic Vicinity Map
Wayne West
Wayne County, Nebraska

Topographic Source: 2013 National Geographic Society, i-cubed (ESRI 2016); USGS 1:100,00 scale metric Topographic Map; Sioux City 1981



Document Path: N:\Projects\1150774-01 Wayne West MOOR NEPA\Project GIS Directory\Aerial\030307_FIG2_Aerial.mxd, WayneWest_31May2016.mxd

-  Bridge
-  Project Alignment
-  Streams and Rivers
-  Environmental Study Area

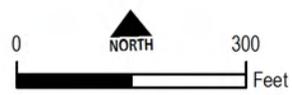


Figure 2
Location Map
Wayne West
Wayne County, Nebraska



Document Path: N:\Projects\16057-104\Wayne West\NCR\NEPA\Project_GIS_Directory\Map\32067_Fig3_DetourLocation_WayneWest_31May2016.mxd

- Project Location
- Detour Route (Length = 4.7 miles)

City Boundary



Figure 3
Detour Location Map
Wayne West
Wayne County, Nebraska