

## **STP-56-5(107); C.N. 31915**

# ***Cedar Rapids to St. Edward***

**LOCATION:** The proposed project would involve approximately 12.96 miles of Nebraska Highway 56 (N-56) located in Boone County. The project would start at the east junction of N-56 with Nebraska Highway 52 (N-52), 1.00 mile east of the east corporate limits of Cedar Rapids, at mile marker (MM) 22.27. The project would extend east to 0.06 mile west of the junction of N-56 and N-39 and 0.75 mile west of the west corporate limits of St. Edward, at MM 35.23. Construction may begin and/or end approximately 200 feet ahead of or beyond the actual project limits to accommodate the transitioning of pavement.

**PURPOSE AND NEED:** The purpose of the proposed project is to preserve the transportation asset, improve the reliability of the transportation system, and perpetuate the mobility of the traveling public. The need for the project is based on the condition of the existing pavement and bridge structures. The need for the project is based on the condition of the roadway and bridge and culvert structures.

**SCOPE OF WORK:** Proposed improvements would include milling and resurfacing the existing roadway with asphalt. Structures S056 02857 and S056 03349 would undergo repairs. The bridge-size box culvert (S056 02883) would be used in place. Structure S056 03206R, a county road wood bridge on 280<sup>th</sup> Avenue, would be replaced with a concrete box culvert. Additional work would include grading, guardrail improvements, and culvert work.

**TRAFFIC VOLUMES:**

	<b>N-56</b>	<b>MM 22.27 – MM 35.23</b>
Year	2017	2027
Vehicles Per Day (ADT)	<b>655</b>	<b>710</b>
% Heavy Trucks	<b>13%</b>	<b>13%</b>

**CONSTRUCTION SCHEDULE:** Construction is tentatively scheduled to begin spring of 2019 with completion by the winter of 2019.

**ACCOMMODATION OF TRAFFIC:** The N-56 portion of the proposed project would be constructed under traffic with lane closures controlled with approved temporary traffic control; however, the project would require detouring 280<sup>th</sup> Avenue traffic due to the proposed bridge replacement. A designated detour would be provided, utilizing 270<sup>th</sup> Avenue, 350<sup>th</sup> Street, and 290<sup>th</sup> Avenue.

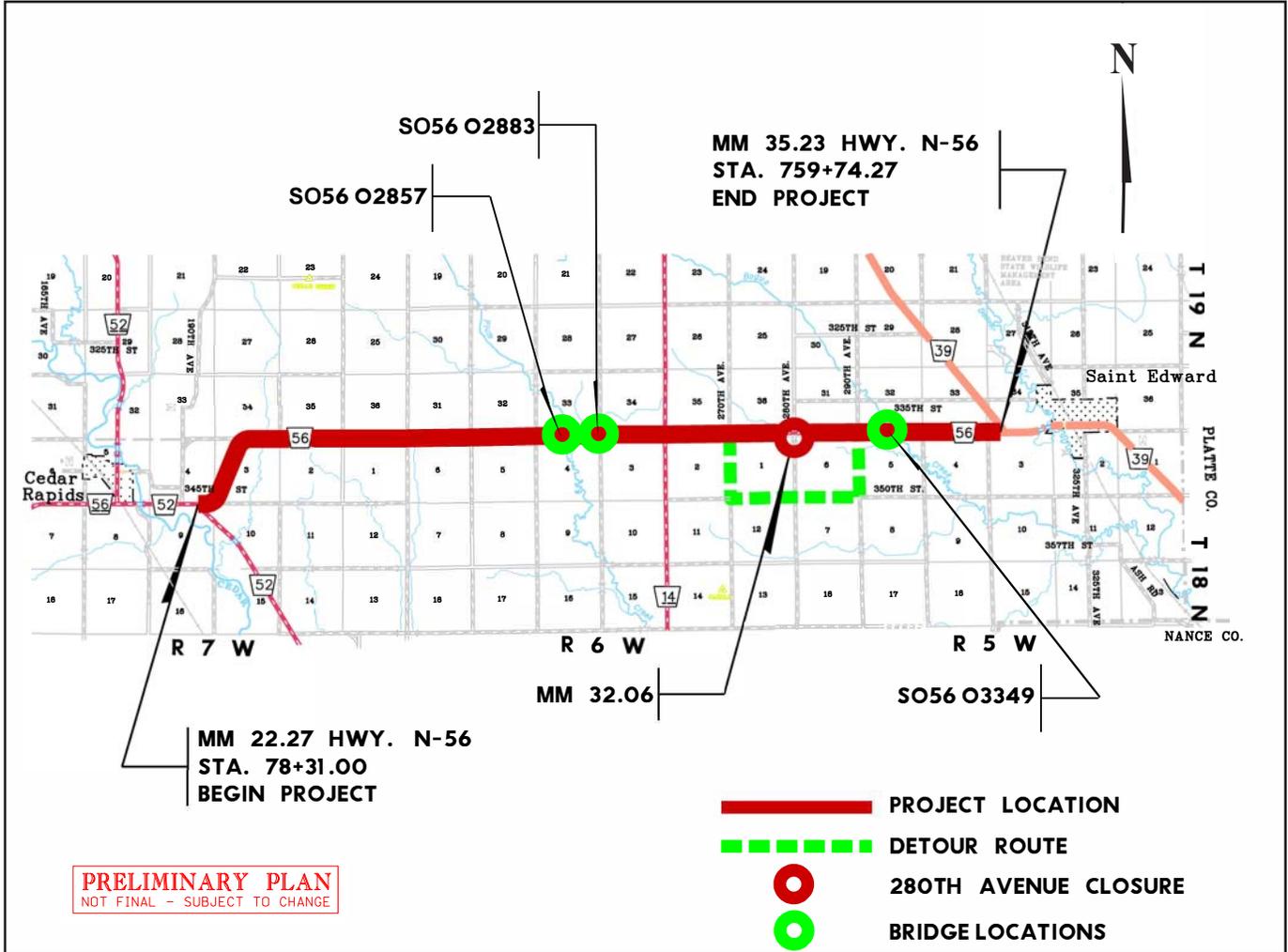
**RIGHT-OF-WAY:** The acquisition of additional property rights would not be required.

**POTENTIAL IMPACTS:** Impacts to wetlands are anticipated.

**ESTIMATED COST:** The estimated cost of the project is approximately \$6.6 million and would derive from state and federal funding sources.

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<p><b>Send comments to:</b>  <b>NDOR Public Involvement</b>  <b>Sarah Kugler</b>          P.O. Box 94759; 1500 Hwy. 2          Lincoln, NE 68509-4759  <b>402-479-4871</b>  <a href="mailto:sarah.kugler@nebraska.gov">sarah.kugler@nebraska.gov</a></p>	<p><b>For more Information:</b>  <b>NDOR District 3 Engineer</b>  <b>Kevin Domogalla</b>          408 N. 13th Street          Norfolk, NE 68701-3714  <b>402-370-3470</b>  <a href="mailto:kevin.domogalla@nebraska.gov">kevin.domogalla@nebraska.gov</a></p>
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