

# N-92, Mead - Omaha

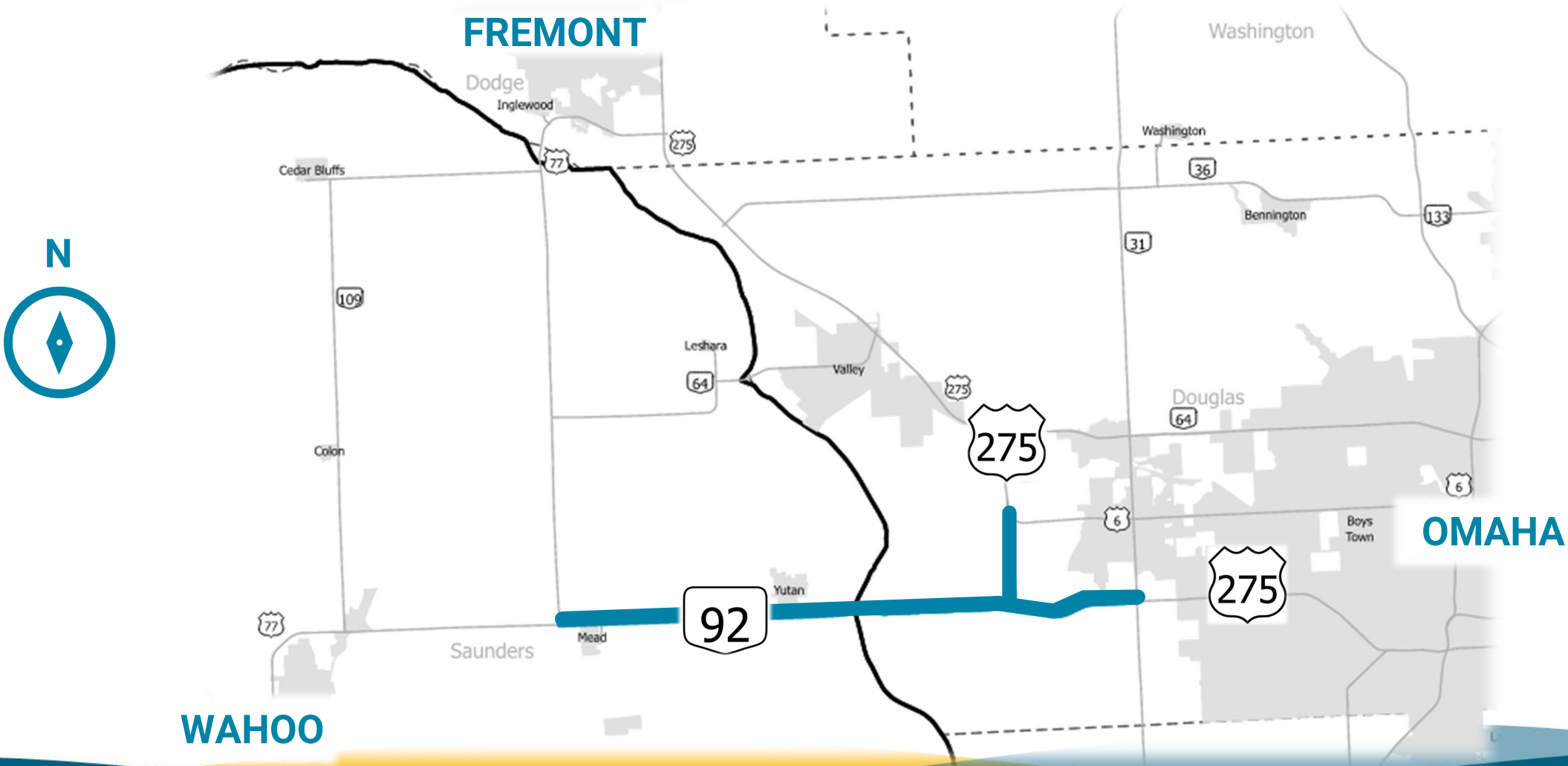
Brandie Neemann, P.E.  
State Roadway Design Engineer

NEBRASKA

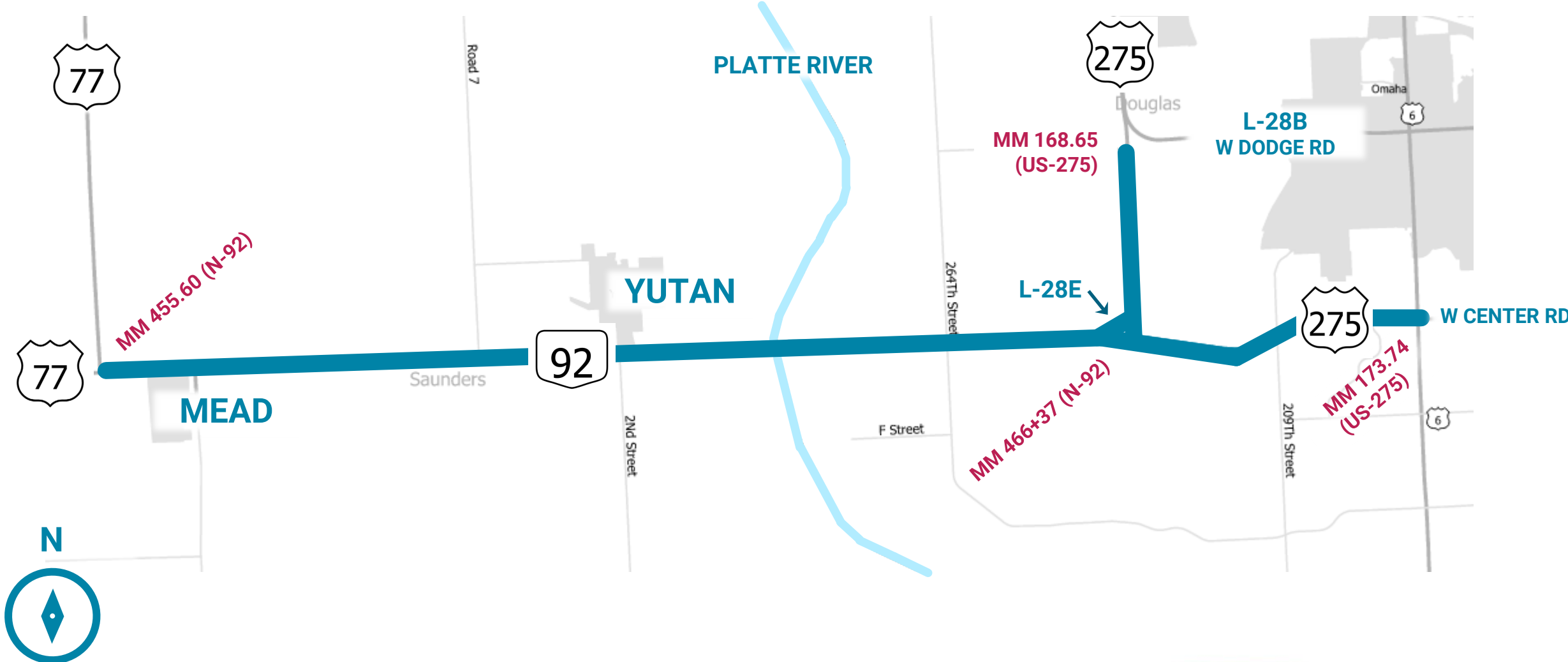
Good Life. Great Journey.

DEPARTMENT OF TRANSPORTATION

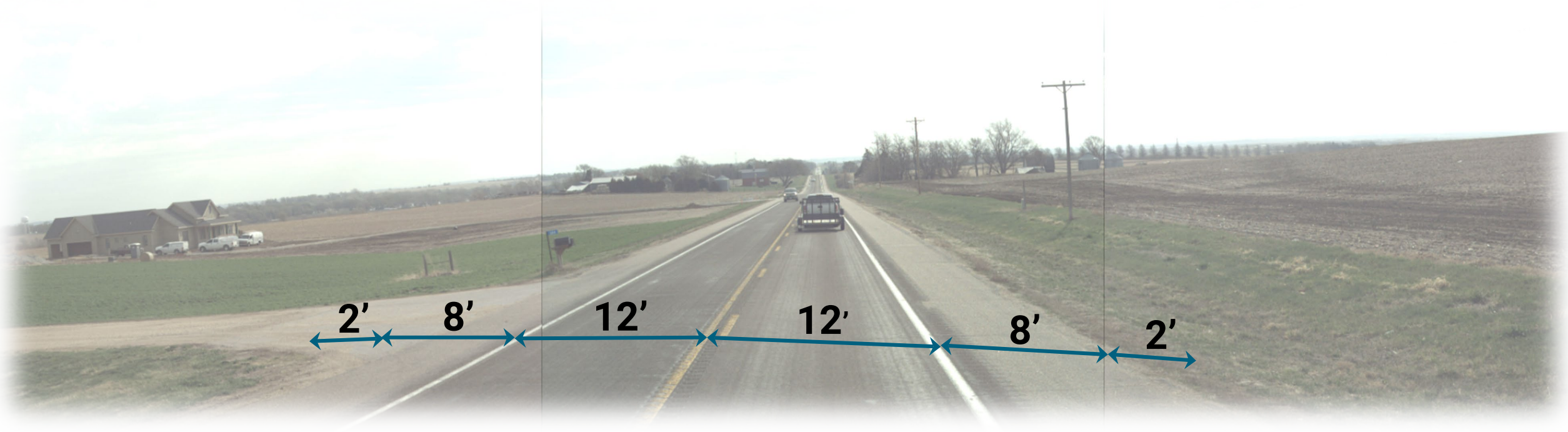
# Project Overview



# Project Overview



# Existing Typical Cross Section





State of Nebraska Department of Roads  
**Highway Improvement Programming Request**

TO BE COMPLETED BY PROJECT SCHEDULING AND PROGRAM MANAGEMENT SECTION  
 CONTROL NUMBER: 17262  
 PROJECT NUMBER: STPD-92-6 (116)  
 PROJECT NAME: MEAD - PLATTE AVENUE

TO BE COMPLETED BY PROJECT REQUESTER  
 COUNTY: SAUNDERS

| HIGHWAY NO. | FROM REFERENCE POST | TO REFERENCE POST | LENGTH |
|-------------|---------------------|-------------------|--------|
| N-92        | 455.35              | 462.55            | 7.2    |

DESCRIPTION OF LOCATION AND PROPOSED IMPROVEMENT: (Specify in Miles)  
 Four lane ~~expressway~~ from Mead to the Saunders/Douglas County line. Develop for Corridor Protection  
 4-lane Gr., Str., Surf., 5. SHLD

Consider Safety Funds:  Yes  No  
 Consider Enhancement Funds:  Yes  No

PAVEMENT MANAGEMENT DATA  
 AGE: 11/35  
 H.S.I.: 68/93  
 P.S.I.: 3.2  
 BIT DEPTH: 19  
 OPTIMUM YEAR: 98/96

TO BE COMPLETED BY PROJECT SCHEDULING AND PROGRAM MANAGEMENT SECTION  
 PROGRAM FUNDED:  Federal  State  
 LET BY CONTRACT LETTING:  Yes  No  
 PUBLIC DEPARTMENT ANTICIPATED:  Yes  No

TO BE COMPLETED BY PROJECT REQUESTER  
 NAME OF REQUESTER: Richard J. Roky  
 DATE OF REQUEST: 12/14/96  
 TO BE COMPLETED BY PROJECT SCHEDULING AND PROGRAM MANAGEMENT SECTION  
 ESTIMATED COST: \$26,400,000  
 DATE: 5/22/96

APPROVED BY DEPUTY DIRECTOR-ENGINEERING: [Signature] DATE: 5/23/96  
 APPROVED BY DEPUTY DIRECTOR-OPERATIONS: [Signature] DATE: 5-23-96

DR Form 73, Test Form-expires 1-95

SCOPING DATA SHEET  
 District: 1  
 Highway: N-92  
 File: 3001+  
 Length: 7.2 miles  
 Date: 5/22/96  
 From: 455+35 to 462+55

Proposed STANDARDS  
 4-lane Divided DR-2  
 Proposed Work Sq. Ft. Cost  
 UIP (New alignment)

PROPOSED WORK:

800,000 9,900,000  
 800,000 / mile = 3,400,000  
 X 1.18 = 3,500,000  
 Construction = 16,800,000  
 E & C = 2,400,000  
 Construction + E & C = 19,200,000  
 ROW, P.E. and Util. = 2,200,000  
 Total Estimated Cost = 21,400,000

(OVER)

State of Nebraska Department of Roads (NEW)  
**Highway Improvement Programming Request**

TO BE COMPLETED BY PROJECT SCHEDULING AND PROGRAM MANAGEMENT SECTION  
 CONTROL NUMBER: 21845  
 PROJECT NUMBER: STPD-92-7 (105)  
 PROJECT NAME: PLATTE RIVER EAST

TO BE COMPLETED BY PROJECT REQUESTER  
 COUNTY: DOUGLAS

| HIGHWAY NO. | FROM REFERENCE POST | TO REFERENCE POST | LENGTH |
|-------------|---------------------|-------------------|--------|
| 92          | 462.55              | 466.37            | 3.82   |

DESCRIPTION OF LOCATION AND PROPOSED IMPROVEMENT: (Specify in Miles)  
 PLATTE RIVER EAST TO I-67 92/275  
 4-LANE EXPRESSWAY, BRIDGE, GRADINGS, GREENING  
 GR STR SURF 5. SHLD

Consider Safety Funds:  Yes  No  
 Consider Enhancement Funds:  Yes  No

PAVEMENT MANAGEMENT DATA  
 AGE: NA  
 H.S.I.: -  
 P.S.I.: -  
 BIT DEPTH: -  
 OPTIMUM YEAR: -

TO BE COMPLETED BY PROJECT SCHEDULING AND PROGRAM MANAGEMENT SECTION  
 PROGRAM FUNDED:  Federal  State  
 LET BY CONTRACT LETTING:  Yes  No  
 PUBLIC DEPARTMENT ANTICIPATED:  Yes  No

TO BE COMPLETED BY PROJECT REQUESTER  
 NAME OF REQUESTER: JAMES R. JACOBSON  
 DATE OF REQUEST: 4-16-96  
 TO BE COMPLETED BY PROJECT SCHEDULING AND PROGRAM MANAGEMENT SECTION  
 ESTIMATED COST: \$20,800,000  
 DATE: 5/24/96

APPROVED BY DEPUTY DIRECTOR-ENGINEERING: [Signature] DATE: 5/24/96  
 APPROVED BY DEPUTY DIRECTOR-OPERATIONS: [Signature] DATE: 5-22-96

DR Form 73, Test Form-expires 1-95

DATA SHEET  
 District: 2  
 Highway: N-92  
 File: 3001+4  
 Length: 3.82 miles  
 Date: 5/24/96  
 From: 462+55 to 466+37

Proposed STANDARDS  
 4-lane Divided DR-2  
 Proposed Work Sq. Ft. Cost  
 4 Turn \$70

PROPOSED WORK:

1 mile = 6,840,000  
 2 = 3,000,000  
 1.8 = 5,250,000  
 1.8 = 15,090,000  
 C = 2,110,000  
 Construction + E & C = 17,200,000  
 ROW, P.E. and Util. = 3,600,000  
 Total Estimated Cost = 20,800,000

(OVER)

# Original N-92 Corridor Study

- Engineering analysis
  - Alignment and geometry
  - Traffic Volumes
  - Intersections
  - Bridges
  - Potential impacts
- Public Meeting held on March 7, 1996 in Yutan
- Establish general project layout and Corridor Protection Plans

MAR 14 1996  
Universal Press Clipping Bureau

## Public views proposed concept State looks to build four-lane highway

By Kelly Ann Kennedy  
Staff Reporter

way. Near the intersection of U.S. Highway 77 west of Mead, the four-lane road would begin following the route of the current two-lane highway. According to McBeth, throughout most of this project, the current highway could be used as two of the lanes and the other two lanes along with a depressed grass median would be constructed. McBeth said this could require up to 100 feet of additional space.

A four-lane highway from Mead to Omaha may be in future plans for Saunders County. Last week, area residents had the opportunity to view the proposed changes to Nebraska Highway 92 as the Nebraska Department of Roads held an information meeting in Yutan.

On a map which stretched across several tables, the department indicated the concept which is currently being considered. According to Steve McBeth, a corridor studies engineer with the department, the plan is just a proposed concept at this time. No survey or design work has been officially conducted and no cost estimate has been figured.

The concept which was presented at the meeting showed approximately 14 miles of the highway reconstructed as a four-lane express-

way. Near the intersection of U.S. Highway 77 west of Mead, the four-lane road would begin following the route of the current two-lane highway. According to McBeth, throughout most of this project, the current highway could be used as two of the lanes and the other two lanes along with a depressed grass median would be constructed. McBeth said this could require up to 100 feet of additional space.

As the concept indicates, the expressway would begin on the current highway and a portion of the land to the south. The plans call for the expressway to be rerouted north of the existing businesses at Mead.

Using the current highway and a portion of land south of the highway, the expressway will continue east to Yutan. At that point, it will be routed to the south of current businesses and structures located near the Yutan intersection. Viaducts would be constructed to extend the expressway over the railroad tracks.

East of Yutan, the expressway would return to the highway's current path using additional land from the north side of the current roadway. The expressway would continue through to the Junction of Nebraska Highway 31, just west of Omaha.

has located two expressway construction may result in wetland impacts. According to department officials these impacts may be major and could require mitigation.

Two of the major concerns McBeth said he heard from the public at the meeting were about access to property and the highway, and the buildings and land which will need to be taken.

On expressway systems, McBeth said, the department provides access to every county road and every half or quarter mile off of the county roads.

Concerning the land and buildings which may be lost because of the expressway construction, McBeth said the department has taken these concerns into consideration. In areas such as Mead and Yutan, where the current highway is very close to existing buildings and businesses, the preliminary plans call for the expressway to be rerouted.

Continued on Page 2A

### Expressway concept would extend 14-miles

The Nebraska Department of Roads' concept of a four-lane expressway between Mead and Omaha was viewed by the public last week. The proposed plan calls for the road to be rerouted from the existing highway near Mead and also near Yutan

SOURCE: Nebraska Department of Roads  
Staff graphic/Kelly Ann Kennedy

# Corridor Protection

- Corridor Protection approved in 1997
- Generally, 300' left and right of the *proposed* centerline
- Permit reviews since 1997:
  - Several reviews
  - No action taken for some
  - One early acquisition

**Nebraska** **Memorandum**

Department of Roads

DATE: February 10, 1997

TO: Randy Needham, ROW Manager

THRU: Arthur B. Yonkey *Arthur B. Yonkey*

FROM: Steve McBeth *SMcBeth*

SUBJECT: Corridor Protection  
N-92, Mead to Omaha

Project STPD-92-6(116) CN 12262  
Project STPD-92-7(105) CN 21845  
Project STPD-275-7(177) CN 21764

Four-lane studies along N-92 and US-275 from just west of Mead to the junction of US-275, US-6, and N-31 were completed in 1996. An open-house public information meeting was held last March to get the public's input. Also a part of this study was the two-mile (north-south) segment of US-275 between L28B and N-92.

Most of the proposed widening will occur along the existing alignment. However, there is some minor alignment shift at Mead and at Yutan. Potential interchange locations, which will require additional width of Corridor Protection, are proposed at the junction of N-92 and the Recreation Road serving Two Rivers Recreation Area.

With approval from the Director and Deputy Director, Location Approval for this four-lane highway is given and Corridor Protection should be obtained. Please initiate the work to provide Corridor Protection in this area. Project Development Division will supply additional backup information, if needed.

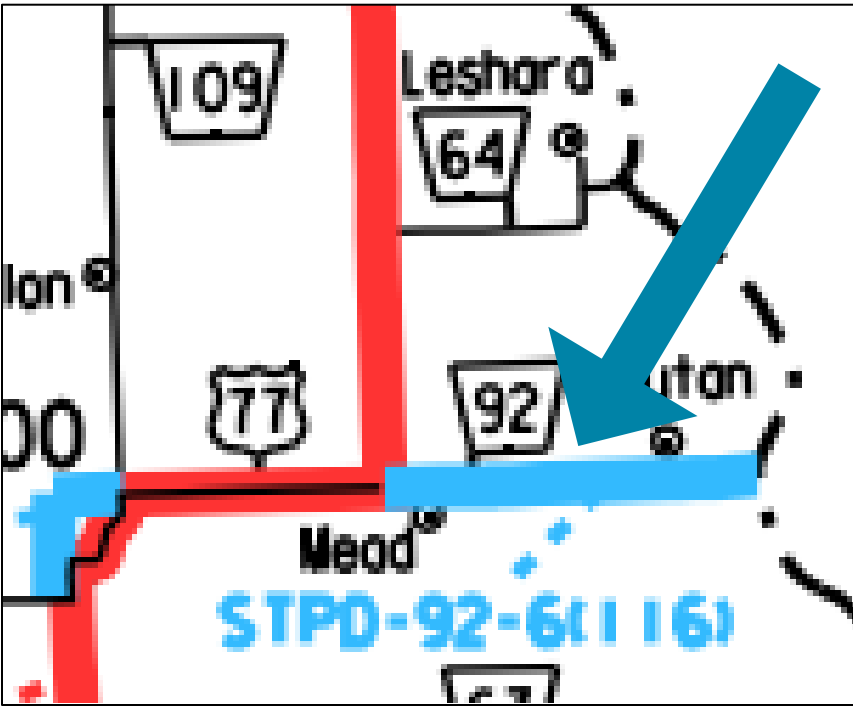
Approved *Marty Johnson* Date 2-13-97  
Deputy Director - Engineering

Approved *Albert Albert* Date 2-13-97  
Director - State Engineer

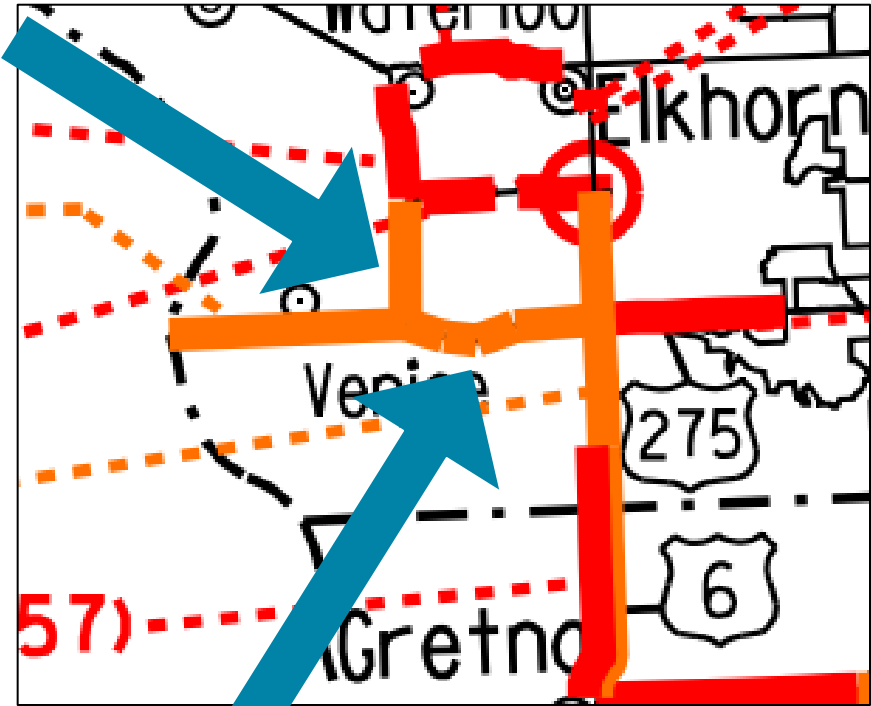


# Corridor Protection

- <https://dot.nebraska.gov/travel/map-library/>

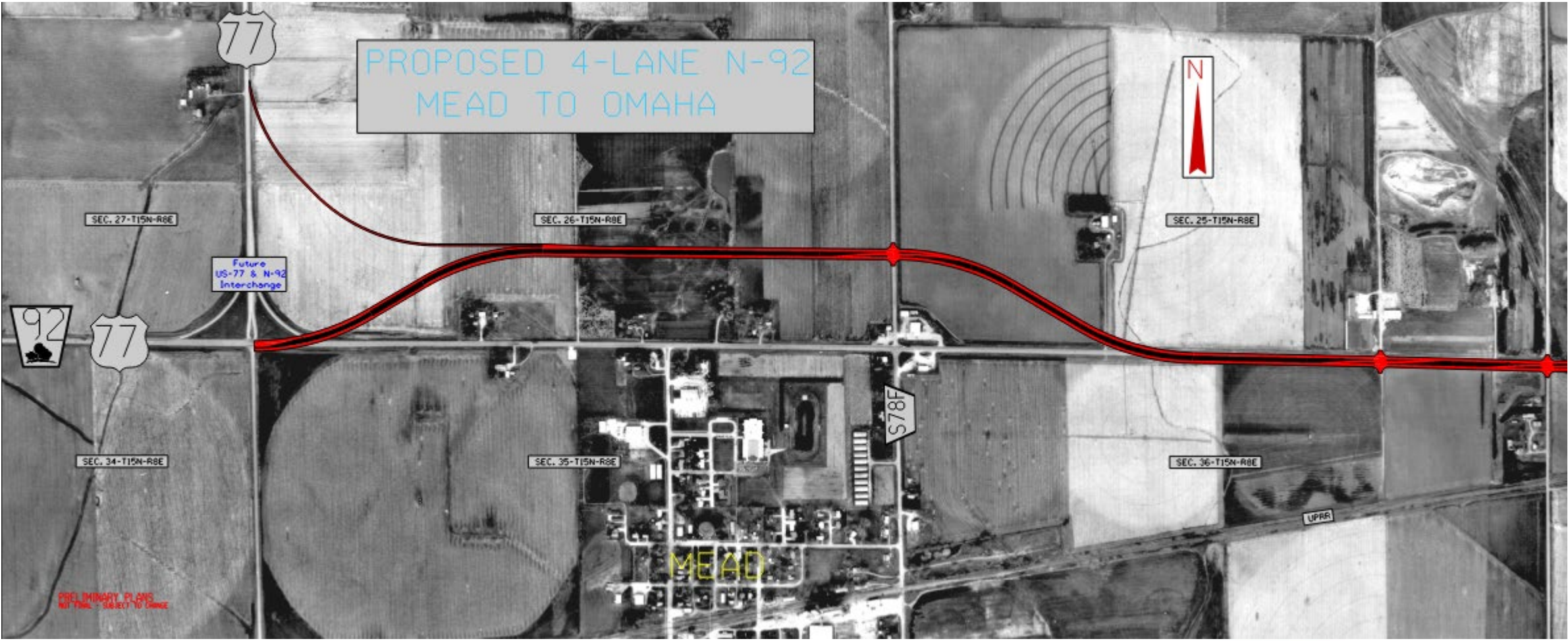


District 1

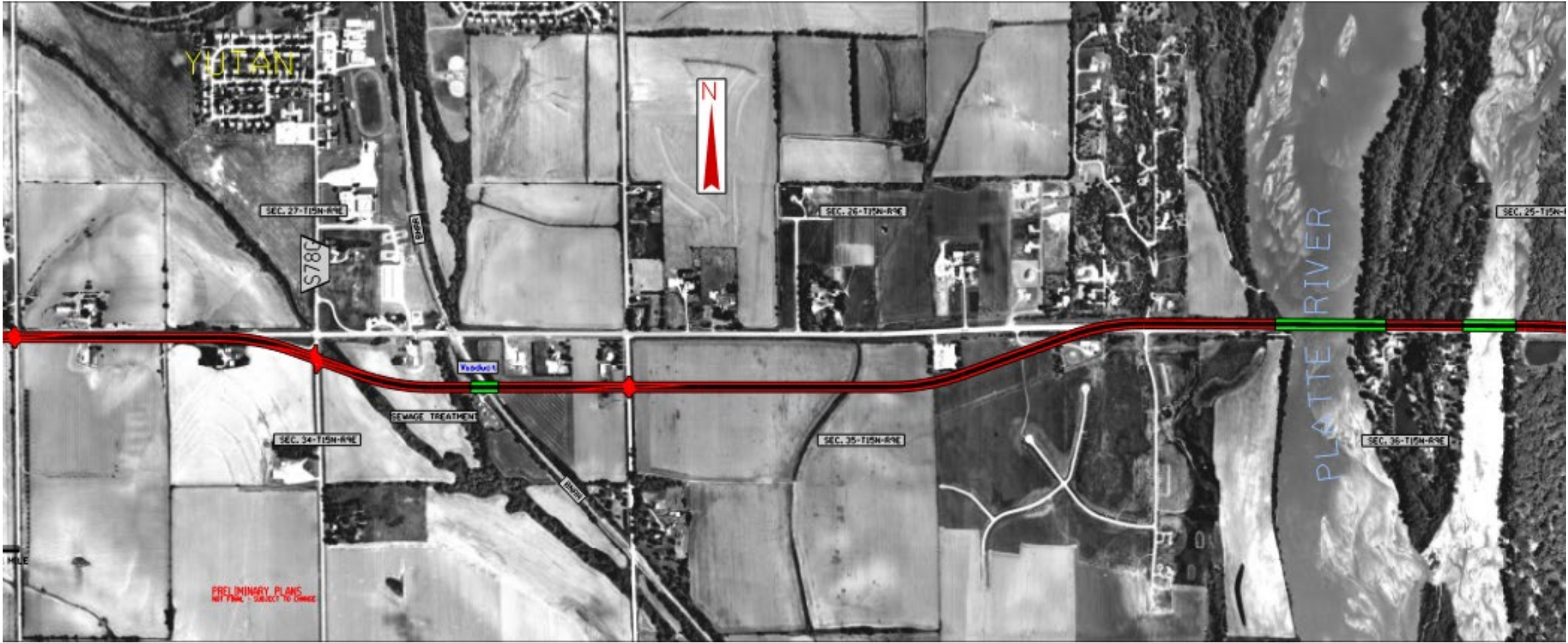


District 2

# 1997 Corridor Highlights - Mead



# 1997 Corridor Highlights - Yutan




# BNA / TIA Prioritized Corridor

**BUILD NEBRASKA ACT**  
THE NEXT 10 YEARS

**NEBRASKA**  
Good Life. Great Journey.  
DEPARTMENT OF ROADS

**TRANSPORTATION INNOVATION ACT**

**PROJECT PROFILE**  
N-92/US 275 east of Yutan



**QUICK FACTS**

Category: Design

Project: N-92/US 275 east of Yutan, 4-lane divided highway

Estimated project cost: \$64M

Length of project: 10 miles

**WHY IT WAS SELECTED**

**Meets a Future Need:** Because of existing and projected traffic, NDOR will complete design work for a four-lane divided highway on this 10-mile stretch on N-92/US 275 east of Yutan. By completing design work, this project will be ready for future construction.

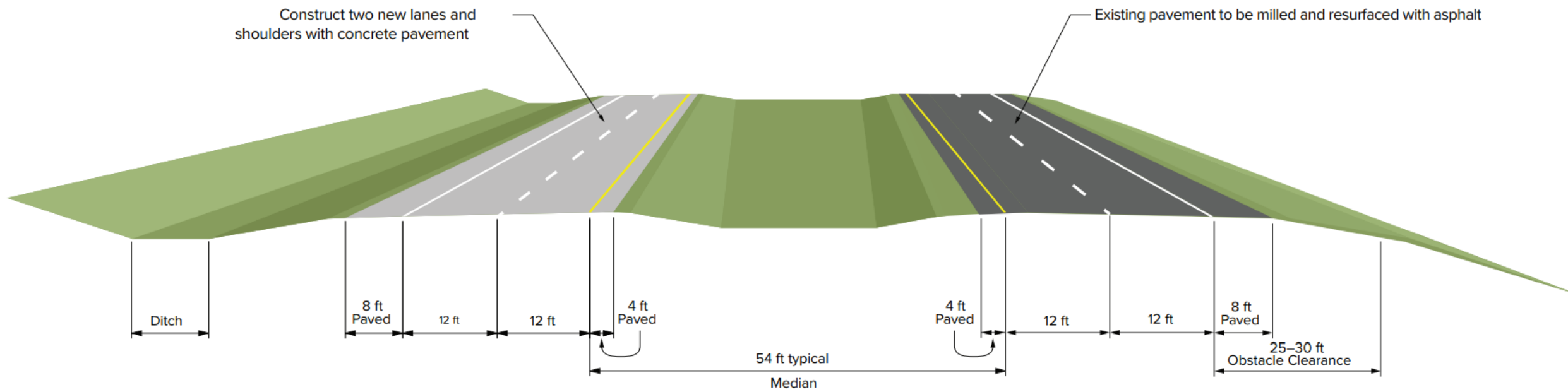
**Emerging Economic Opportunity:** There is some commercial growth in the area and a four-lane expansion could help facilitate economic development. The expansion would not only benefit Yutan, but also the communities west of Omaha and the City of Omaha itself.

**Strong Stakeholder Support:** More than 200 comments and 600 signatures of support for this project have been submitted to NDOR. Stakeholders also expressed support for this project at NDOR's recent stakeholders meetings, noting that N-92 from Platte River is the most important segment along the corridor. In particular, stakeholders requested reduced congestion and improved safety on the existing roadway. They also noted that this area has potential for economic growth.

**QUESTIONS?**  
Contact: Sarah Kugler, [sarah.kugler@nebraska.gov](mailto:sarah.kugler@nebraska.gov), 402-479-4871.

- Funding was not identified, and the project was shelved
- Traffic demand remains high
- Prioritized for **DESIGN** in the second round of project selections through Build Nebraska Act and Transportation Innovation Act

# Potential Future 2+2 Typical Cross Section



The side of the existing pavement on which new pavement would be constructed on is to be determined.

# Bridges and Other Structures

- 8 Bridges
  - Platte River Bridges
  - Elkhorn River
- 7 Bridge-size Concrete Box Culverts
- Railroad crossings (at grade vs grade separated)



# Other Project Features

- Assessment for 3R Standards for existing 2 lanes
- Extensive grading
- Utility relocation
- ROW acquisition
- Intersection improvement analysis:
  - US-77/N-92 – Roundabout under design with US-77, Wahoo-Fremont
  - N-92/Yutan Rd
  - N-92/Two Rivers Rec Rd
  - US-275/N-92/L-28E
  - US-275/Skyline Dr.
  - US-275/L-28B – Roundabout under design (CN 22888)



Image U.S. Geological Survey

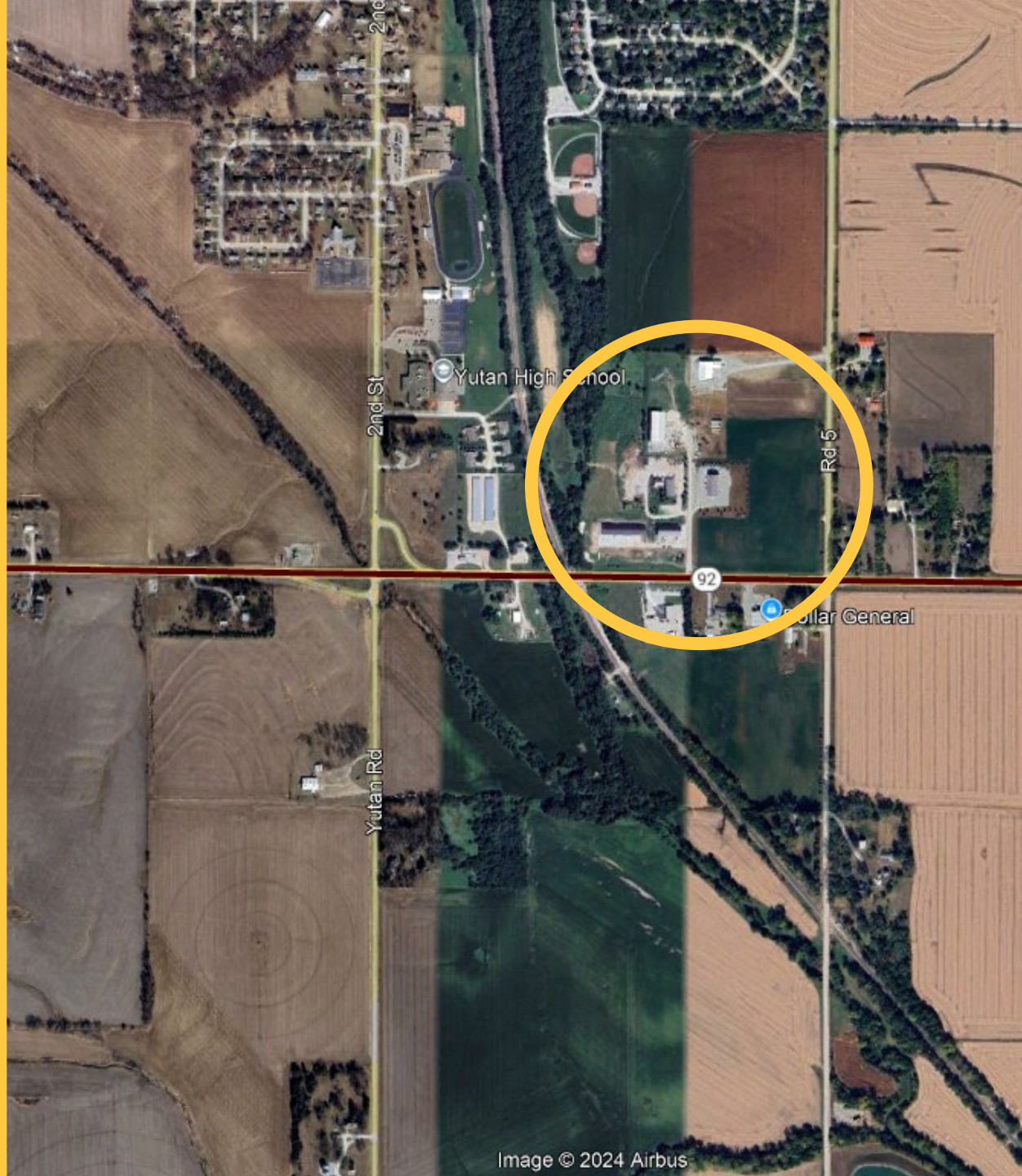


Image © 2024 Airbus

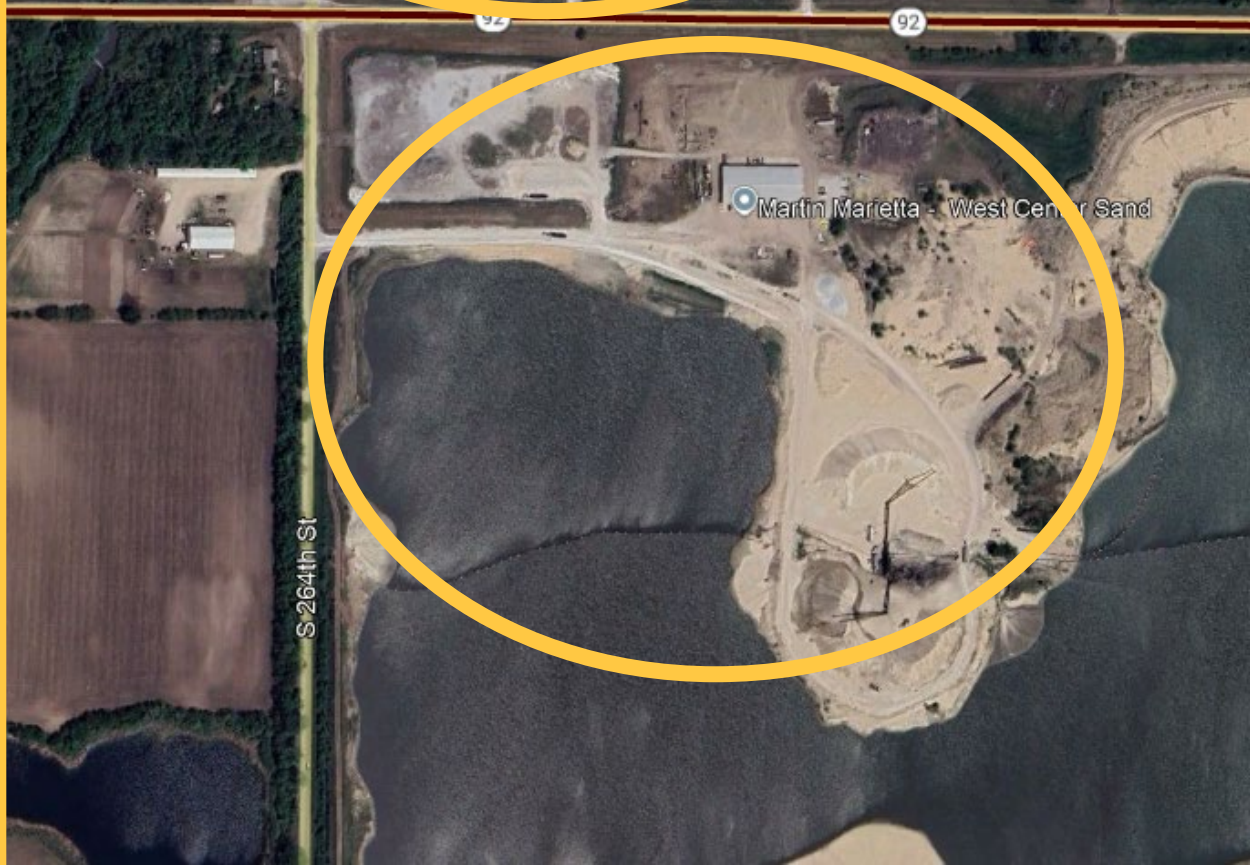




Image U.S. Geological Survey



Image © 2024 Airbus





Salted Edge

10/2024

Edge Rd

Salted Edge

275

288

Skyline Dr

S 204th St

Pacific St

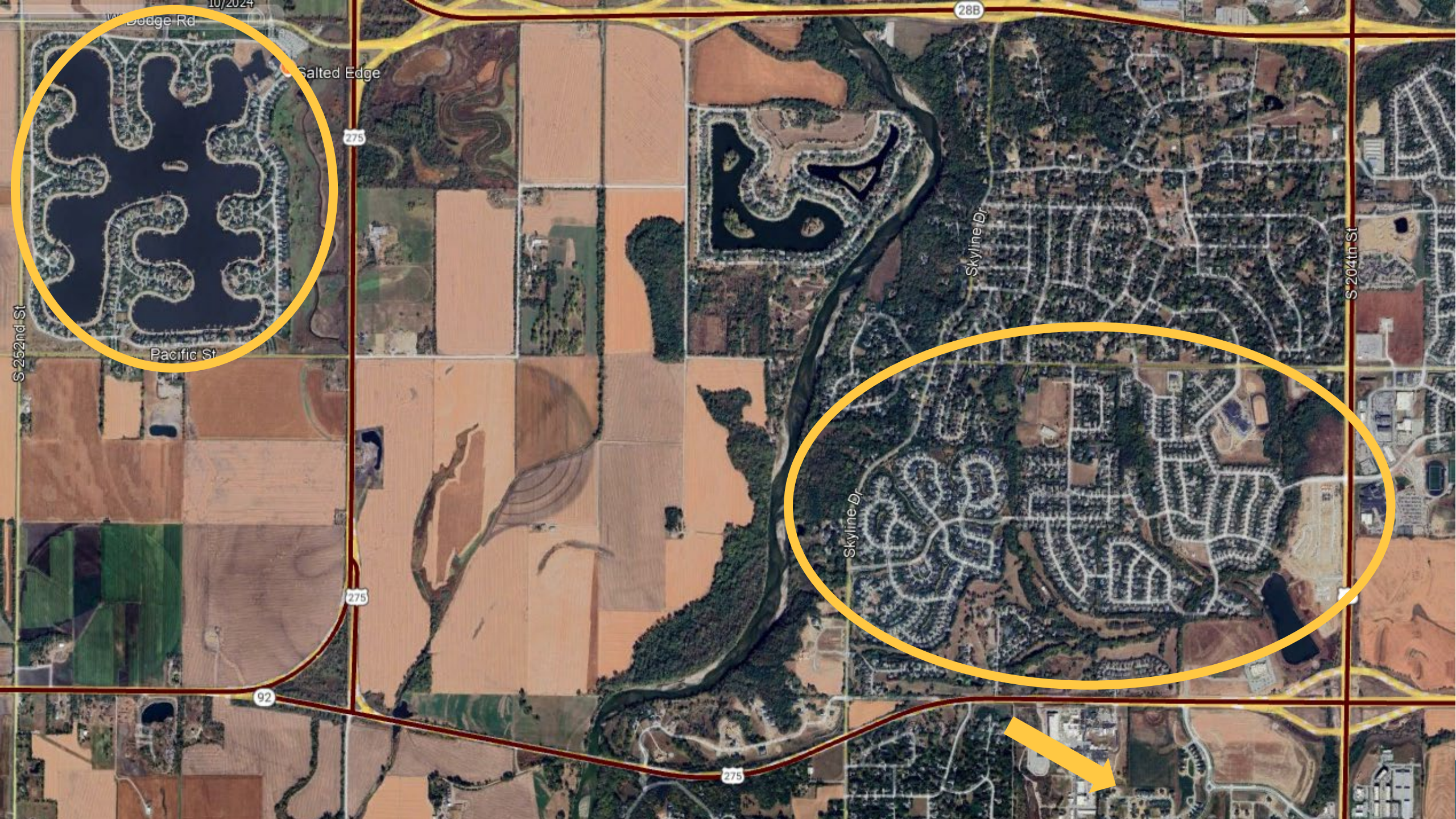
S 252nd St

275

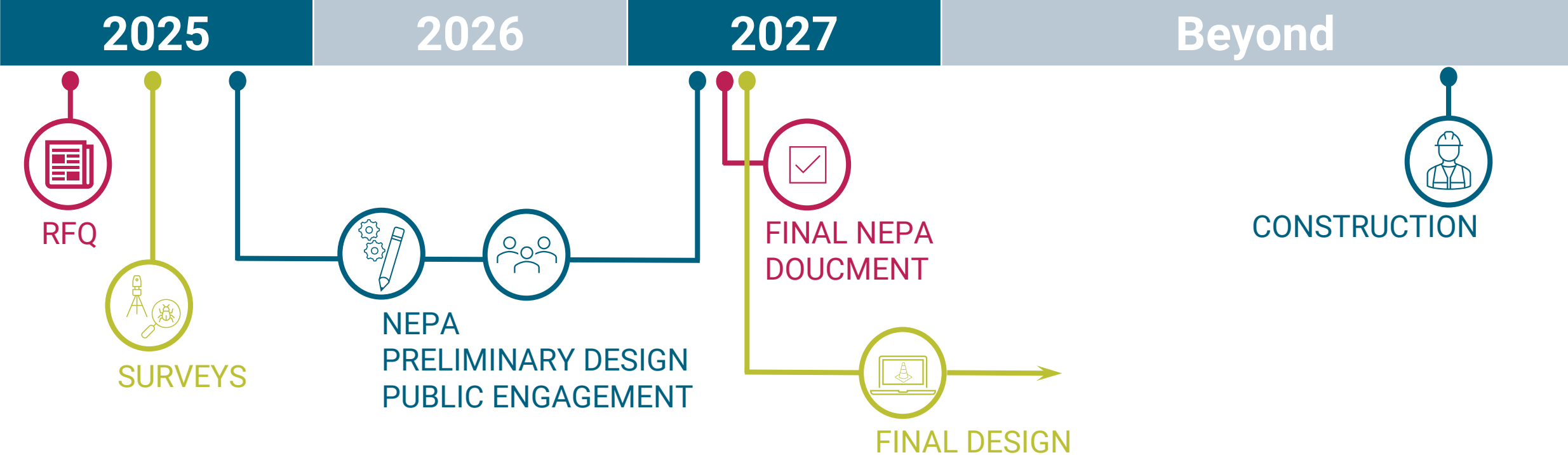
Skyline Dr

92

275



# N-92, Mead-Omaha – Next Steps



# Questions?



**Brandie Neemann, P.E.**  
*State Roadway Design Engineer*

**Nebraska Department of Transportation**  
OFFICE: 402.479.4601  
[Brandie.Neemann@nebraska.gov](mailto:Brandie.Neemann@nebraska.gov)