

WELCOME

PUBLIC MEETING FOR

INTERSECTION IMPROVEMENT

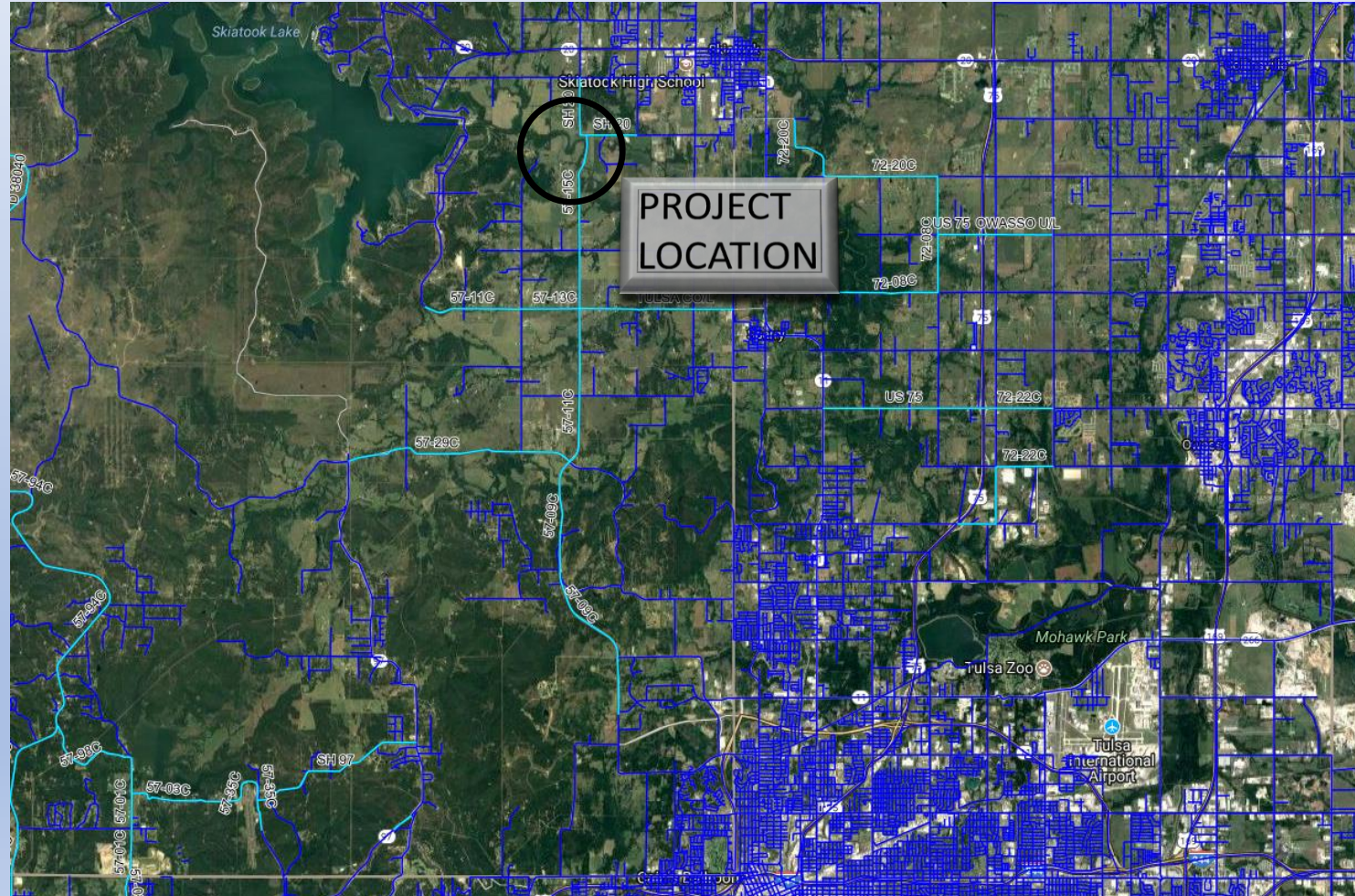
52ND WEST AVENUE AND 133RD STREET NORTH

JUST SOUTH OF SKIATOOK IN OSAGE COUNTY

OSAGE COUNTY DISTRICT 2

Purpose of This Meeting

.....is to present two alternatives considered, discuss the environmental constraints and obtain public input to aid the County in moving forward with the environmental documents and preliminary design.



Purpose of the Project

.....is to improve safety and reduce accidents

**At the intersection of
North 52nd West Avenue &
133rd Street North**



**At the curves at each
end of the bridge
over Hominy creek**

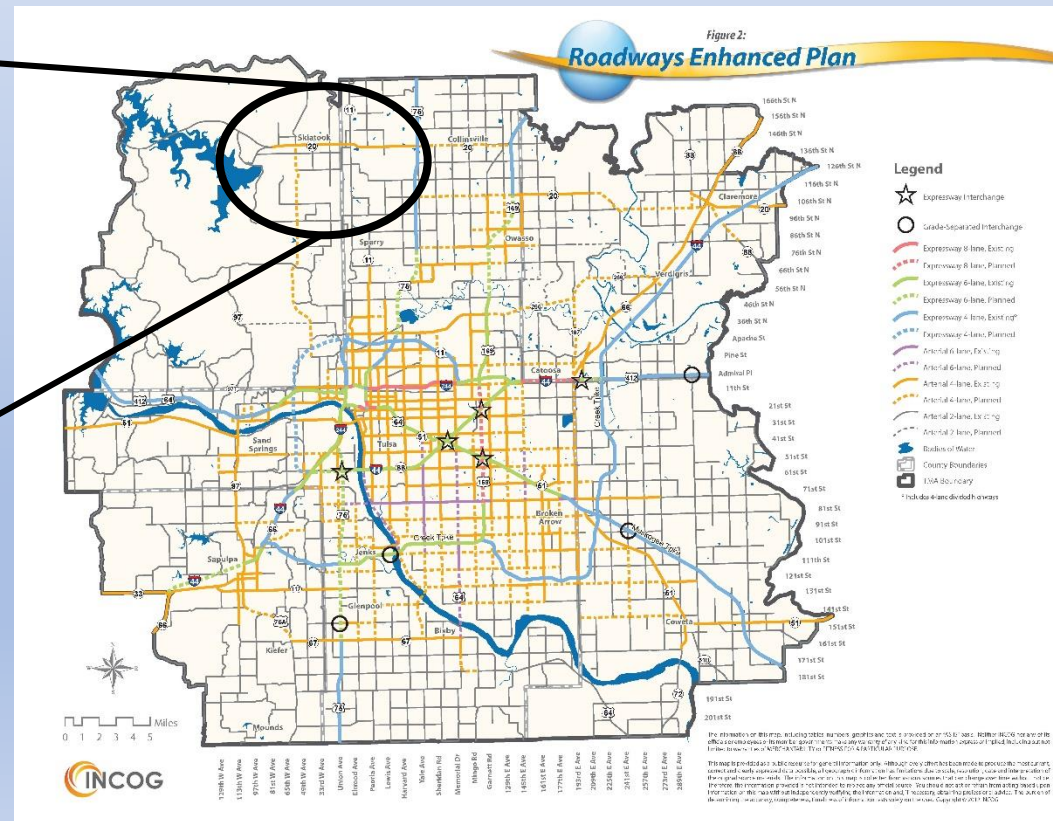


Purpose of the Project

.....continuation of the Master Plan to open the 52nd West Avenue corridor and provide safety improvements.

- Located with Indian Nations Council of Governments (INCOG) Metropolitan Area
- Included in the Long Range Plan for INCOG

Project
Location



Legend

- ☆ Expressway Interchange
 - Grade-Separated Interchange
 - Expressway 8-lane, Existing
 - Expressway 8-lane, Planned
 - Expressway 6-lane, Existing
 - Expressway 6-lane, Planned
 - Expressway 4-lane, Existing*
 - Expressway 4-lane, Planned
 - Arterial 6-lane, Existing
 - Arterial 6-lane, Planned
 - Arterial 4-lane, Existing
 - Arterial 4-lane, Planned
 - Arterial 2-lane, Existing
 - Arterial 2-lane, Planned
 - Bodies of Water
 - County Boundaries
 - TMA Boundary
- * Includes 4-lane divided highways

Current Project Area Information

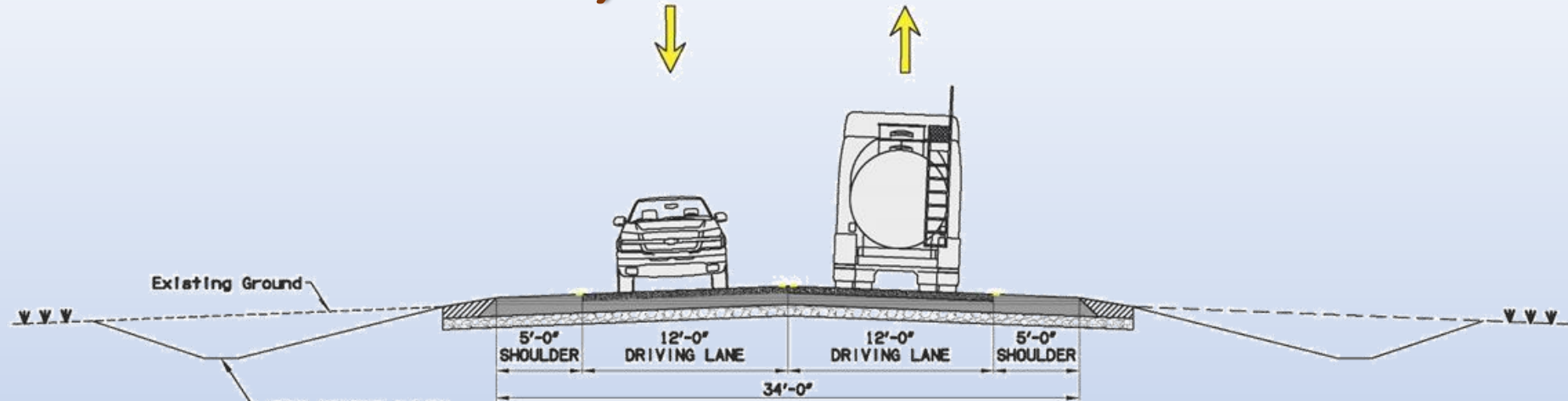
General Data

- **Two 11-foot Wide Driving Lanes**
- **1-foot Wide Sod Shoulders**
- **Posted Speed 50 mph**
- **Current Traffic**
 - **1,793 Vehicles/Day @ 52nd North of 133rd**
 - **3,511 Vehicles/Day @ 52nd South of 133rd**
 - **1,984 Vehicles/Day @ 133rd**
 - **530 Trucks/Day**
- **Projected Traffic (20 years)**
 - **3,239 Vehicles/Day @ 52nd North of 133rd**
 - **6,342 Vehicles/Day @ 52nd South of 133rd**
 - **3,584 Vehicles/Day @ 133rd**
 - **957 Trucks/Day**

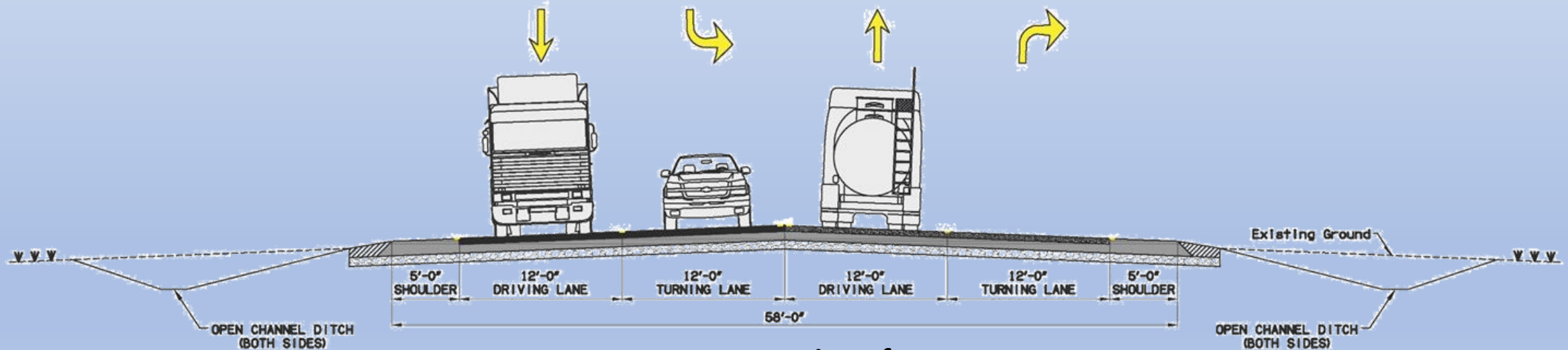
Existing Conditions Warrant Improvement

- The intersection is part of a School Bus Route for Skiatook Public Schools
- Access to Skiatook athletic complex
- The intersection provides access to an industrial area
 - Concrete plant
 - City landfill
 - Wastewater treatment plant
- During flooding events this intersection provides one of only two routes for citizens to travel from Skiatook to Tulsa in Osage County.

Roadway Pavement Section

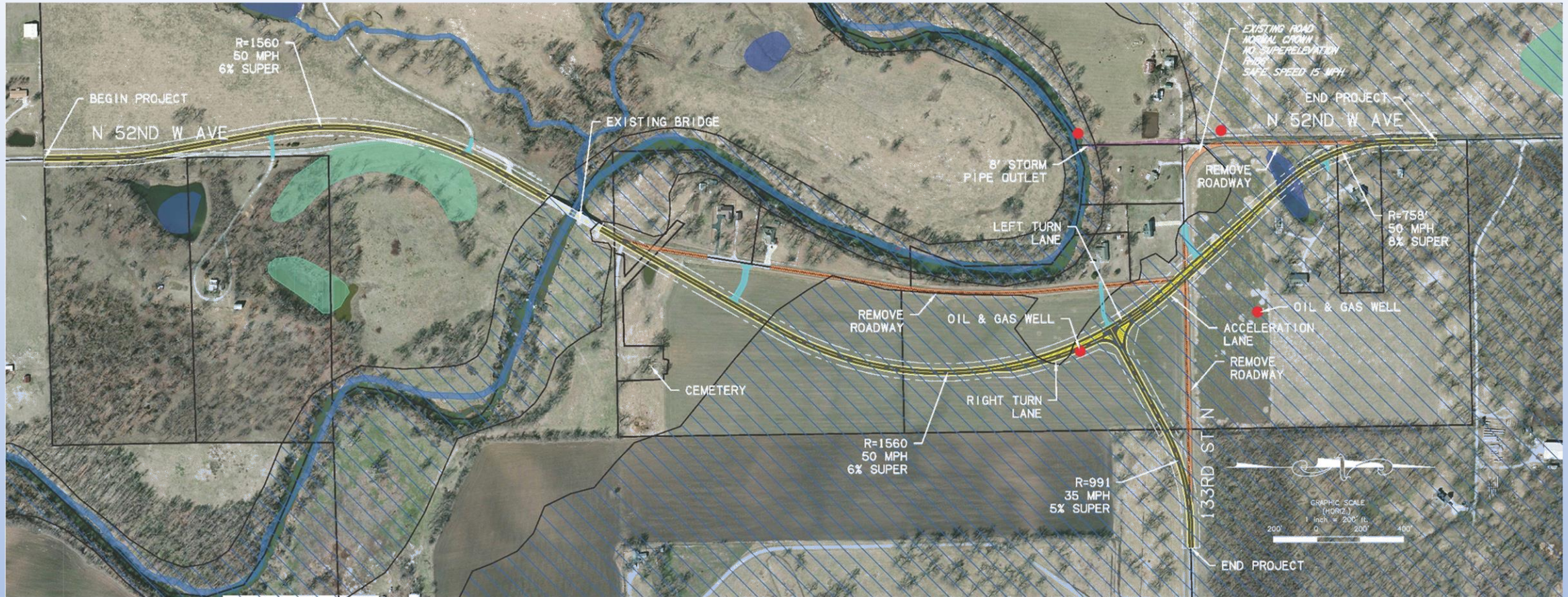


2 Lane Roadway



**Intersection of
52nd & 133rd**

Option A



LEGEND:

- FRESH WATER EMERGENT WETLANDS
- FRESH WATER POND WETLANDS
- RIVERINE WETLANDS
- REGULATORY FLOODWAY
- OIL & GAS WELL

Option B



LEGEND:

- FRESH WATER EMERGENT WETLANDS
- FRESH WATER POND WETLANDS
- RIVERINE WETLANDS
- REGULATORY FLOODWAY
- OIL & GAS WELL

PROJECT CONSTRAINTS

North 52nd West Avenue & West 133rd Street Intersection

	Alignment A	Alignment B
New Right of Way Required (Acres)	10.7	7.5
Historic Properties	Low Potential	Low Potential
Archeological Sites	Low Potential	Low Potential
Cemeteries	None	None
UST/LUST sites	None	None
O&G Wells Potentially Impacted (EDR Data)	1	0
Potential Wetlands (Acres)	0.28	0.38
Blue Line Streams (Linear Ft)	80.33	256.98
Floodplains (Acres)	9.18	6.77
Threatened & Endangered Species	Same	Same
Critical Habitat	None	None
Migratory Birds	Same	Same
Tribal Property	None	None
Public Parks / Recreation Areas / Refuges	None	None

PROJECT CONSTRAINTS

- Natural Resources
 - Jurisdictional Wetlands, Streams and Drainages
 - Under the jurisdiction of the U.S. Army Corps of Engineers
 - Avoid
 - Minimize
 - Mitigate

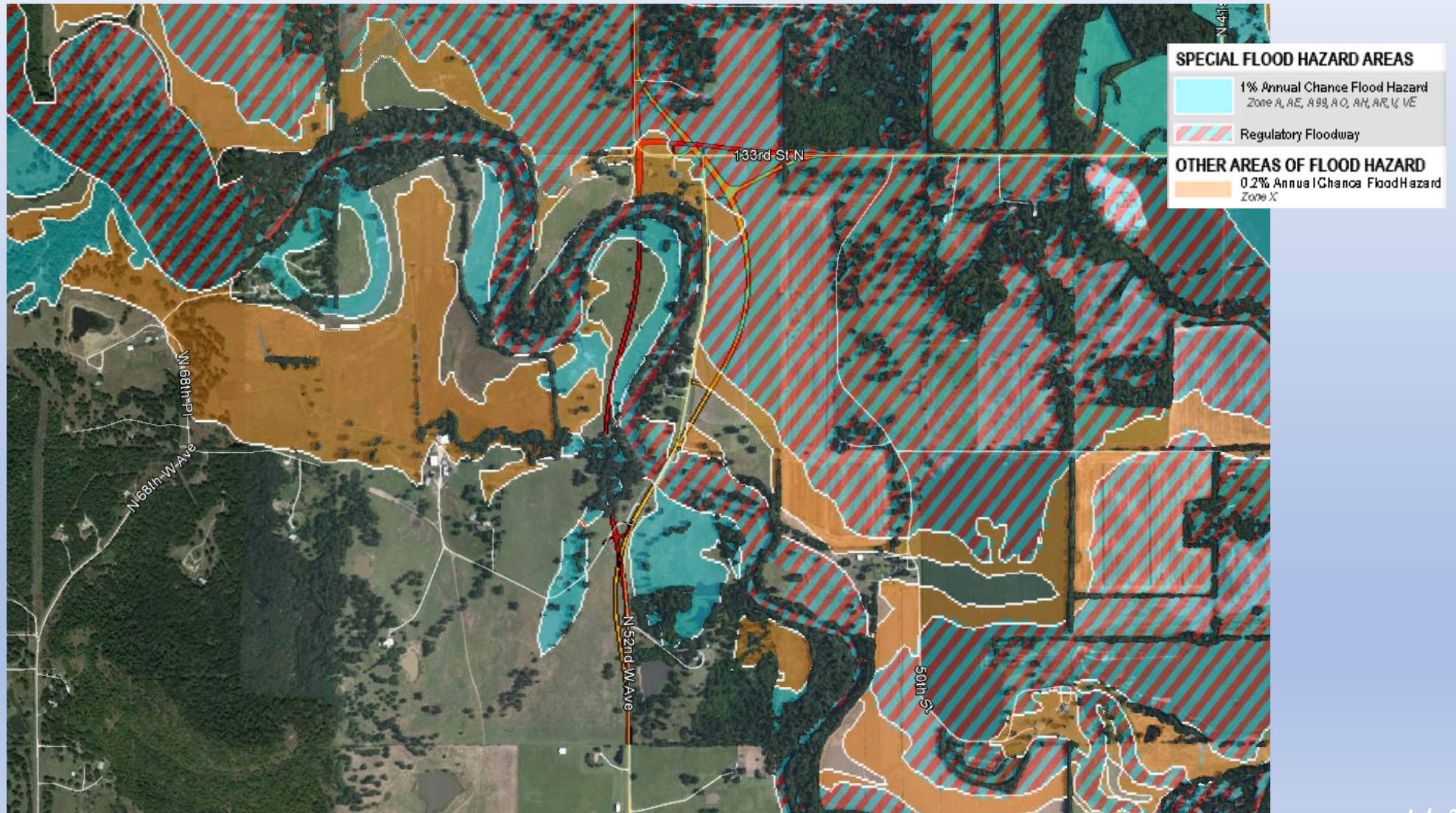
	OPTIONS	
	A	B
Potential Wetlands (Acres)	0.28	0.38
Blue Line Streams (Linear Ft)	80	260



PROJECT CONSTRAINTS

- Floodplains

Floodplains (Acres)	9.18	6.77
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PROJECT CONSTRAINTS

- Threatened & Endangered Species for Osage County
 - Least Tern
 - Piping Plover
 - Red Knot
 - Whooping Crane
 - Neosho Mucket
 - American Burying Beetle
 - Rattlesnake-master Borer Moth



PROJECT CONSTRAINTS

- Hazardous Waste Sites/ Underground Storage Tanks
 - No Above or Underground Storage Tanks
 - One Oil and Gas Well



Potential
Well Site

- Cultural Resources (Section 106)
 - No Historic Properties or Archeological Sites Identified
 - State Archaeological Site Files
 - Oklahoma Landmarks Inventory
 - State Historic Preservation Office
 - Determinations of Eligibility
 - National Register of Historic Places
 - Low potential for sites in area
- No Cemeteries

YOUR INPUT IS IMPORTANT

- **LOCAL KNOWLEDGE**
- **ALIGNMENT PREFERENCE**

ENVIRONMENTAL DOCUMENT

Once a Preferred Alignment has been selected:

- Detailed Environmental Studies will be completed for:
 - Waters and Wetlands
 - Threatened and Endangered Species
 - Including Migratory Birds
 - Initial Site Assessment
 - Cultural Resources
 - Including Tribal Coordination
- Approval by the appropriate agencies depends on funding source for both the detailed studies and Environment Document
- Complete Environment Document for approval

DETERMINATION MATRIX

IMPACT COMPARRISON STUDY			
NORTH 52 ND WEST AVENUE & 133 RD STREET NORTH			
Category	Do Nothing	Alignment A	Alignment B
Description	-	Realign 52nd St to be a continuous N-S roadway. Improve bridge approaches and sight distances to reduce the accident rate at existing bridge approaches. 133rd St realigned to a stop condition to reduce the accident rate at the intersection.	Realign 52nd St to be a continuous N-S roadway. Construct a new 300' bridge to eliminate accidents at existing bridge approaches. 133rd St realigned to a stop condition to reduce the accident rate at the intersection.
Design Speed	50 MPH 15 MPH IN CURVES	50 MPH	50 MPH
Bridge	Existing	Existing	3 - 100' spans
Geometric Adequacy	Adequate	Adequate	New Bridge
Structural Adequacy	Adequate	Adequate	New Bridge
Project Length			
52nd Street	1.35 Miles	1.23 Miles	1.33 Miles
133rd Street	0.23 Miles	0.36 Miles	0.21 Miles
New Right of Way (Acres)	0	10.70	7.50
Hazards			
UST/LUST Sites	None	None	None
Oil & Gas Well Potentially Impacted (EDR Data)	0	1	0
Permit Required (individual 404)	No	No	Yes
Utilities Impacted	No	Gas, Electric, Water	Gas, Electric, Water
Project Costs	-	\$2,776,792.00	\$4,279,932.00
Environmental Impacts			
Potential Wetlands Impacts (Acres)	0	0.28	0.38
Blue Line Streams (linear Foot)	0	80.33	256.98
Floodplains (Acres)	0	9.18	6.77
Threatened & Endangered Species	Same	Same	Same
Critical Habitat	None	None	None
Migratory Birds	Same	Same	Same
Cultural Impacts			
Historic Properties	None	Low Potential	Low Potential
Archeological Sites	None	Low Potential	Low Potential
Cemeteries	None	None	None
Tribal Properties	None	None	None
Public Parks/Recreation Areas/Rufuges	None	None	None

PLAN AHEAD

- **Right of Way time frame – Fall 2018**
- **Construction – Late 2020**

THANK YOU !!

✓ ***Leave your written comments with us tonight.***

✓ ***Submit your written comments by mail to:***

Russell Dixon

Guy Engineering

6910 E 14th Street

Tulsa, OK 74112

***Please Submit Your Comments by
August 4th, 2017***