



Project Management Division (405)522-7601 Fax (405) 522-7612 Room 1-C6

DATE: June 10, 2016
TO: Distribution List
FROM: Kyle P. McKinley, Division 7 Project Manager
SUBJECT: Final Project Initiation Report

J/P Number: 31892(04) County: Love Highway: I-35 Division: 7
PS&E Date: 2023 R/W Date : 2021 Drive-out Date: May 6, 2016
Programmed Estimate: \$9,500,000.00
Project Description: SH 153 Bridge & Approaches over I-35 & Interchange Improvements 5.3 Miles N. of the Texas State Line

EXISTING INFORMATION

Reconnaissance Information Available

Yes Location <http://plansrv1/osd/JP3189204>
 No

Functional Classification

Area Type: Urban Suburban Rural
Terrain Type: Flat Rolling Mountainous
Access Control: Full Partial None
Highway Type: Interstate Principal Arterial Minor Arterial Collector
 NHS Non-NHS STRAHNET Scenic Hwy

Existing Condition

Current ADT: 1,700 % Trucks: Number of Lanes: 2 Lane Width: 10'
Outside Shoulder Width: 3' Inside Shoulder Width: '
 Open Section Curb & Gutter Divided, median width: '
 Other (describe):
Pavement Type: Concrete Pavement Condition: Good Fair Poor
Shoulder Type: Sod Shoulder Condition: Good Fair Poor
Storm Sewer No Yes Storm Sewer Condition: Good Fair Poor
Sidewalks No Left Width: ' Right Width: '

Bridge One Description: 30'-55'-55'-30' Continuous Concrete Slab Span with 2 18' Safety Curbs
Bridge Two Description:
Bridge Three Description:

	Bridge One	Bridge Two	Bridge Three
Feature Intersected:	I-35 Under		
NBI Number:	15547		
Location Number:	4317 0529X		
Sufficiency Rating:	68.6		
Year Built:	1962		
Bridge Width (Clr Rdwy):	29'		
Bridge Length:	172'		
Posted Vertical Clearance:	16' 2"		
Posted:	No		
Sidewalk Width Lt.:	NA		
Sidewalk Width Rt.:	NA		
Health Index:	76.4		
Steel Beam Bridge:	No		

CONSIDERATIONS

Environmental/Right-of-Way

- Historic Properties, list:
- Archeological Sites, list:
- Cemeteries, list:
- Hazardous Waste Sites/ AST's/ Coal Mines/LUST Sites, list: Salvage Yard (SE SH 153/I-35)
- Threatened & Endangered Species, list with seasonal restrictions: Least Tern, Piping Plover, Red Knot, Whooping crane
- Aquatic Species, list with seasonal restrictions:
- Section 4F or 6F Properties, list: Thackerville Public Park (SW of the Intersection)
- Farmland Wetlands Scenic Rivers and Protected Aquifers Critical Resource/
Sensitive Waters/Impaired Waters (type of impairment), List:
- FEMA Flood Zone A AE X
- Compensatory Flood Storage
- Indian/Tribal/Federal/Wetland Reserve Program Properties, List:
- Scenic Byway/Route 66 Yes/No.

Alternative Impacts

- Other Agencies List:
- Turnpike Involvement
- Metropolitan Planning Organizations List:

Permit Information

- Design Exception Anticipated: No As required by design Yes, type:
- Maintenance Agreements (Lighting, Signals, etc.): No Yes, type:
- Permits required: FAA USACE OWRB Railroad Other, type:
- Comments for required permits: (Name and distance to airport, anticipated USACE permit type, Railroad owner, active or abandoned rail line, etc.)

Special Considerations:

PROPOSED IMPROVEMENT

Project Intent: Replace an at-risk bridge structure, make interchange ramp modifications and replace the pavement on SH 153.

Description of Proposed Improvements: Replace the SH 153 bridge over I-35 partially offset to the south of the existing structure keeping one lane of traffic open at all times utilizing a one lane signal system. The new bridge will have a 40' clear roadway and the length will need to accommodate the future widening of I-35 to six lanes. The interchange ramps will be modified to accommodate current design standard accel and decel taper lengths. The new decel ramp in the southeast quadrant of the interchange may require the adjacent county road be realigned.

The pavement from US 77 east through the interchange will be replaced. The typical section from US 77 east to the east property line of the new Thackerville elementary school will be a 2-lane curb and gutter section prescribing a 30' curb to curb clear roadway. A 5' sidewalk will be provided on the north side of the roadway through this extent. A traffic study should be done to determine whether dedicated turn lanes are warranted at the new entrance of the elementary school. From the east property line of the new Thackerville elementary school east through the I-35 interchange, the typical section will transition to a 2-lane open section with 8' shoulders prescribing a 40' clear roadway.

Aesthetic treatments to the bridge will be considered during the design of the project.

It is recommended that this project be solicited for consultant design services.

Design Speed: 45 mph

Potential to transfer steel bridge beams to County (Oklahoma Statute Title 69 subsection 1001)

Yes

No Fully document specific reasons preventing transfer:

NA

Project Termini

Beginning of Project: US 77

End of Project: East Intersection of the SH 153/I-35 Interchange Ramps

Limits of Survey:

I-35

Survey will begin 4000 feet south of SH 153 centerline (Approximately 1280' north of EW 223 Section Line) and will continue north to a point 4000 feet north of the centerline of SH 153 (Approximately 1280' south of EW 221 Section Line, Reed/Hutchins Road). The width of the survey will be 200 feet beyond the Present Right-of-Way (Including Ramps) Left and Right up to centerline of SH 153, thence the survey will be 100 feet beyond the Present R/W (Including Ramps) north to end of survey.

SH 153

Survey will begin at the GC & SF Railroad and will continue east approximately 4200 feet to a point at least 500 feet east of a road from the south that parallels the east I-35 Right-of-Way

(Approximately 1320 west of Tabler Road / NS 330 Section Line). The width of survey will be 200 feet left and right from centerline of survey to include the front of new school found north of centerline, found in Thackerville.

Information from SWO 4354(1), SWO 4399(1) and SWO 5094(1) should be checked and utilized on this survey if at all possible.

Limits of NEPA Survey Area: Same as Survey Extents.

Typical Section

- Open Section
- Other (describe):
- Number of Lanes: 2
- Outside Shoulder Width: 8'
- Storm Sewer
- Sidewalks
- Sidewalk decision comments:
- Curb & Gutter
- Divided, median width: '
- Lane Width: 12'
- Inside Shoulder Width: '
- No
- Yes
- No
- Left Width: 5'
- Right Width: '
- The sidewalk will extend from US 77 east to the east property line of the new Thackerville elementary school.

- Overlay
- Coldmill
- Add Shoulders
- No
- Yes, thickness:
- No
- Yes, thickness:
- No
- Yes, width: 8' from the east property line of the new Thackerville elementary school east through the interchange

Bridge Width: 40' clear roadway

Alignment

- Existing
- New, located
- Parallel Lanes, located
- Alignment decision comments:
- Spot Improvements
- Horizontal, Description:
- Vertical, Description:
- North or
- South or
- East or
- West of existing
- North or
- South or
- East or
- West of existing

Detour

- Shoo-fly, located
- Widening, located
- Crossovers
- Close Road
- Signed Detour, Route Description:
- Anticipated duration of Detour:
- Public Meeting Required
- Agreement Required
- Phased Construction, Description: Bridge will be built 1/2 at a time with a partial offset to the south.
- North or
- South or
- East or
- West of existing
- North or
- South or
- East or
- West of existing

Traffic Items

- Traffic Management Plan
- Median Barrier
- No
- Yes
- No
- Yes

New Guardrail No Yes
 End Treatment No Type: GET
 Highway Lighting No Outside or Median
 Traffic Signals No Location(s):

Miscellaneous

Channel Work No Relocation Re-Alignment Cleanup
 Public Involvement No Road Closure Letters
 Public Meeting
 Stakeholder Meeting

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PROGRAMMING INFORMATION

RW Project Needed No Yes
 Utility Project Needed No Yes

Initiation Estimate

Roadway:	\$ 2,671,000.00	E & C:	\$ 314,090.00
Bridge:	\$ 2,300,000.00	Total Construction:	\$ 5,653,636.00
Traffic Control:	\$		
Signing and Striping:	\$	Right-of-Way:	\$ 250,000.00
Highway Lighting:	\$	Utility:	\$ 350,000.00
Traffic Signals:	\$		
Mobilization:	\$ 263,849.00	Total Estimate:	\$ 6,253,636.00
Staking:	\$ 104,697.00		

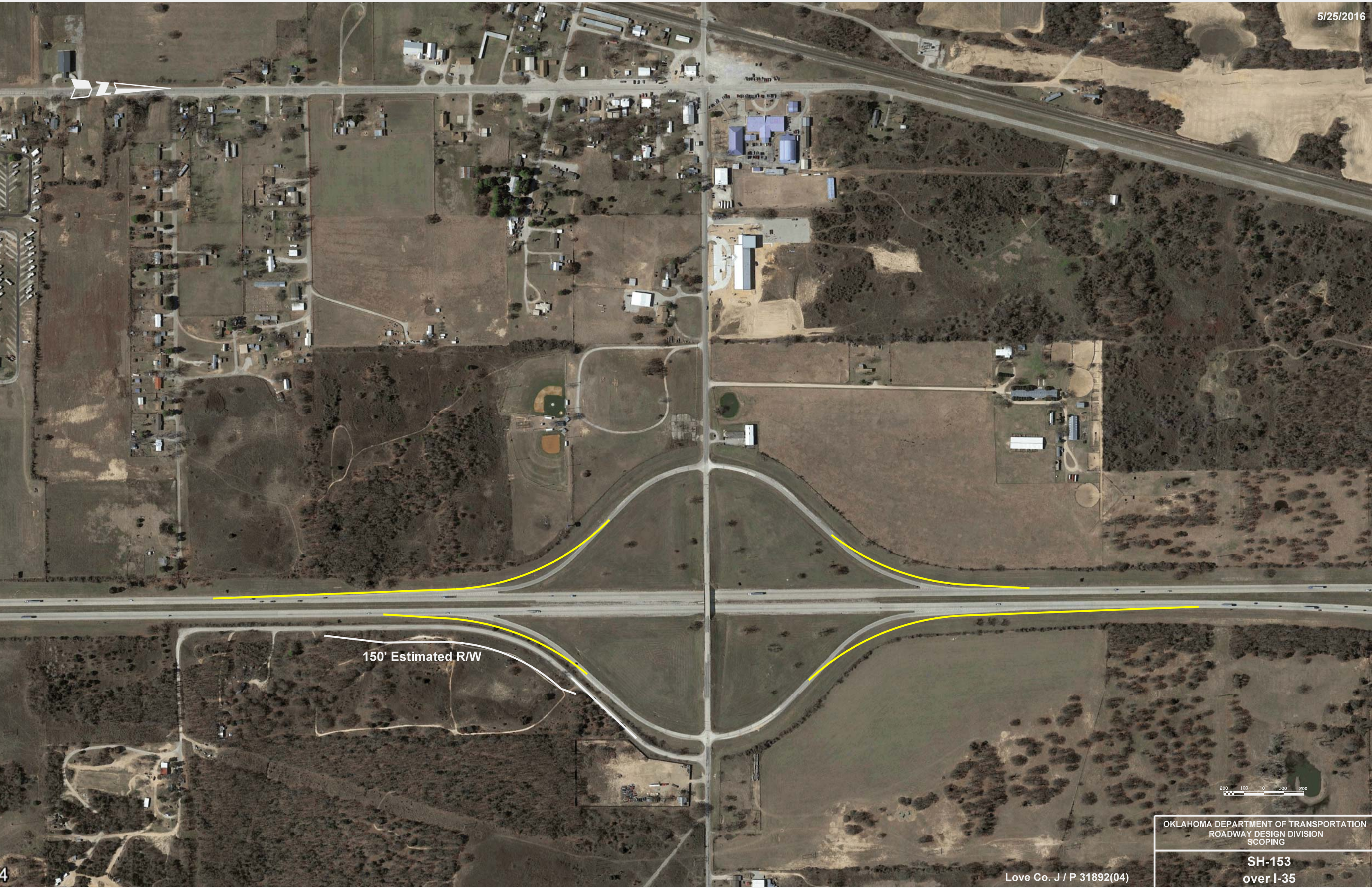
Attendee Name	Representing
Kyle McKinley	ODOT - Project Management
Jay Earp	ODOT - Division 7
Tracy Terrill	ODOT - Division 7
Chris Fuhrmann	ODOT - Division 7
Randy Woods	ODOT - Roadway
Steven Bowen	ODOT - Roadway
Charles Sims	ODOT - Project Management
Steve Jacobi	ODOT - Bridge
Greg Worrell	ODOT - Environmental Programs
Danny Dees	ODOT - Survey

Attachments (Aerial with Preliminary RW)

Distribution List:

Director of Engineering
 Director of Capital Programs

Bridge Division
Environmental Programs Division
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Field Division
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Right-of-Way Division
Roadway Design Division
Survey Division
Strategic Asset & Performance Management Division
Traffic Engineering Division



150' Estimated R/W



OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
SCOPING

SH-153
over I-35

Love Co. J / P 31892(04)