



Oklahoma Department of Transportation

Project Management Division (405)522-7601 Fax (405) 522-7612 Room 3C9

DATE: November 14, 2013
TO: Distribution List
FROM: Project Management Division
SUBJECT: Draft - Final Project Initiation

J/P Number: 27108(04) County: Muskogee Highway: US-69 Division: One
PS&E Date: FY-2020 R/W Date: FY-2018 Drive-out Date: May 30, 2013
Programmed Estimate: \$ 16,700,000.00
Project Description: US-69: BEGIN 0.1 MI N OF US-64 E (PEAK BLVD) & EXT N 2.5 MILES

FUNCTIONAL CLASSIFICATION

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

EXISTING INFORMATION

Current ADT: 17,200 % Trucks: 30 Number of Lanes: 4 Lane Width: 12'
Outside Shoulder Width: 10' Inside Shoulder Width:
 Open Section Curb & Gutter Divided, median width: 32'
 Other (describe):
Pavement Type: P.C. Conc. Pavement Condition: Good Fair Poor
Shoulder Type: Paved Shoulder Condition: Good Fair Poor
Storm Sewer No Yes Storm Sewer Condition: Good Fair Poor
Sidewalks No Yes Sidewalk Width:
Bridge One Description: 12'x 14'x 12'x 14'x 104' R.C. Box
Bridge Two Description: 2- 43.6' CONT RIGID FRAM SPANS
Bridge Three Description: 3-10'x 4'x 242' R.C. Box

	Bridge One	Bridge Two	Bridge Three
Feature Intersected:	Coody Creek	Ped. Path(US-69 Under)	Creek
NBI Number:	12788	12806	12955
Location Number:	5156 1418X	5156 1470X	5156 1283X
Sufficiency Rating:	75.9	-2	79.3
Year Built:	1952	1952	1953
Bridge Width:	42'		33.1'
Bridge Length:	104'	99.1'	242'
Posted Clearance:			
Posted:			
Health Index:	97.7	-1	99.3

Steel Beam Bridge:

ENVIRONMENTAL CONSIDERATIONS

- Historic Properties, list: N/A
- Archeological Sites, list: N/A
- Cemeteries, list:
- Hazardous Waste / LUST Sites, list: Numerous potential sites including FATSO'S, Advance Warnings, American Technical Institute, ODOT, Sinclair, Kum & Go, Star Mart, Muskogee Dist. Service Center
- Endangered Species, list: ABB, American Peregrine Falcon, Bald Eagle, Gray Bat, Least Tern, Piping Plover, Whooping Crane
- Section 4F or 6F Properties, list: Centennial Trail & 6(f) at Coody Cr.
- Farmland Wetlands (potential) Scenic and Protected Aquifers 100 Year Flood Plain

ALTERNATIVE IMPACTS

- Other Agencies List: City of Muskogee, Muskogee County
- Turnpike Involvement
- Metropolitan Planning Organizations List: N/A

PERMIT INFORMATION

Design Exception Anticipated: No As required by design Yes, type:
Maintenance Agreements (Lighting, Signals, etc.): No Yes, type: UT Agreement
Permits required: FAA USACE OWRB Railroad Other, type:
Additional:

PROPOSED IMPROVEMENT

Project Intent: Improve Facility to Design Criteria

Special Considerations: During const. one lane traffic near pedestrian trail will be needed and near Cody Creek possible consider 6(f). Design plans needed to determine impacts. New signals requirements at intersections and traffic analysis will be required.

Description of Proposed Improvements: Construct 7 lane Curb and Gutter from Borders St. Intersection north to Okmulgee St., Standard 4 lane divided section south to pavement change near Division One Headquarters. Adjustment of vertical clearance at pedestrian bridge will be a min 17'9" clearance. Division request to consider not have a center pier for Ped. Bridge.

Design Speed: 45/55 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: Begin at pavement change, approx. 2500' north of US-64

End of Project: Intersection of US-64/SH16/US-62 (Okmulgee St.)

Limits of Survey: Survey Limits: From 500 feet North of SH 165 East, (at the South edge of Muskogee) the survey will extend North, along the existing US 69, to the Centerline of Okmulgee Avenue. Survey length approximately 3 miles. Survey width will be 300 feet Right and Left, widening to 1000 feet Right and Left from 200 feet South of the Railroad Bridge, to 200 feet North of the Railroad Bridge. Flowline profiles on all bridge sized structures will extend 1000 feet upstream and downstream.

Limits of NEPA Survey Area: 200' Lt. & 200' Rt. Of centerline of US-69, Same length as survey limits

Typical Section

- Open Section
- Other (describe):
- Number of Lanes: 7, 6
- Outside Shoulder Width: ' Lane Width: 12'
- Inside Shoulder Width: ' Sidewalks
- Storm Sewer No Yes, width: 6'(1 side only)
- Overlay No Yes, thickness:
- Coldmill No Yes, thickness:
- Add Shoulders No Yes, width: 10'
- Bridge Width: existing will be extended to clearzone

Alignment

- Existing
- New, located North or South or East or West of existing
- Parallel Lanes, located North or South or East or West of existing
- Spot Improvements
- Horizontal, Description:
- Vertical, Description: Sag vertical curve correction at pedestrian bridge (old RR), minimum 6' to 10' adjustment.

Detour

- Shoo-fly, located North or South or East or West of existing
- Widening, located North or South or East or West of existing
- Crossovers
- Close Road
- Signed Detour, Route Description:
- Phased Construction, Description: Construction will be done allowing two lane both directions, transition to one lane at existing pedestrian crossing.

Traffic Items

- Traffic Management Plan No Yes
- Median Barrier No Yes
- New Guardrail No Yes
- End Treatment No Type:
- Highway Lighting No Outside or Median
- Traffic Signals No Location(s): As determined

Right-of-Way

- Additional RW Required No Yes, describe: for construction
- Utility Conflicts No Yes, describe: for construction

Miscellaneous

- Channel Re-Alignment No Yes, describe:

INITIATION ESTIMATE

Roadway:	\$ 8,500,000.00	Total Construction:	\$
Bridge:	\$		
Traffic Control:	\$ 181,000.00	Right-of-Way:	\$ 5,727,233(programed)
Signing and Striping:	\$ 119,000.00	Utility:	\$ 3,363,504(programed)
Highway Lighting:	\$ 660,000.00*		
Traffic Signals:	\$ 190,000.00	Total Estimate:	\$
Mobilization:	\$		
Staking:	\$		
E & C:	\$		

*NOTE: The lighting estimate includes using staggered single luminaires along the entire stretch of the project with 200' spacing, any conduit, conductors, pull boxes, and footing the new lights would need as well as removal of the existing lighting.

PROGRAM REVISIONS

Estimate: \$ Letting Date: Project Length:

Work Type:

Description:

Attachments (Aerial with Preliminary RW)

Distribution List:

- Director of Engineering
- Director of Capital Projects and Information Management
- Bridge Division
- Environmental Programs Division
- FHWA
- Field Division
- Project Management Division
- Right-of-Way Division
- Roadway Design
- Survey Division
- Planning Division
- Traffic Engineering