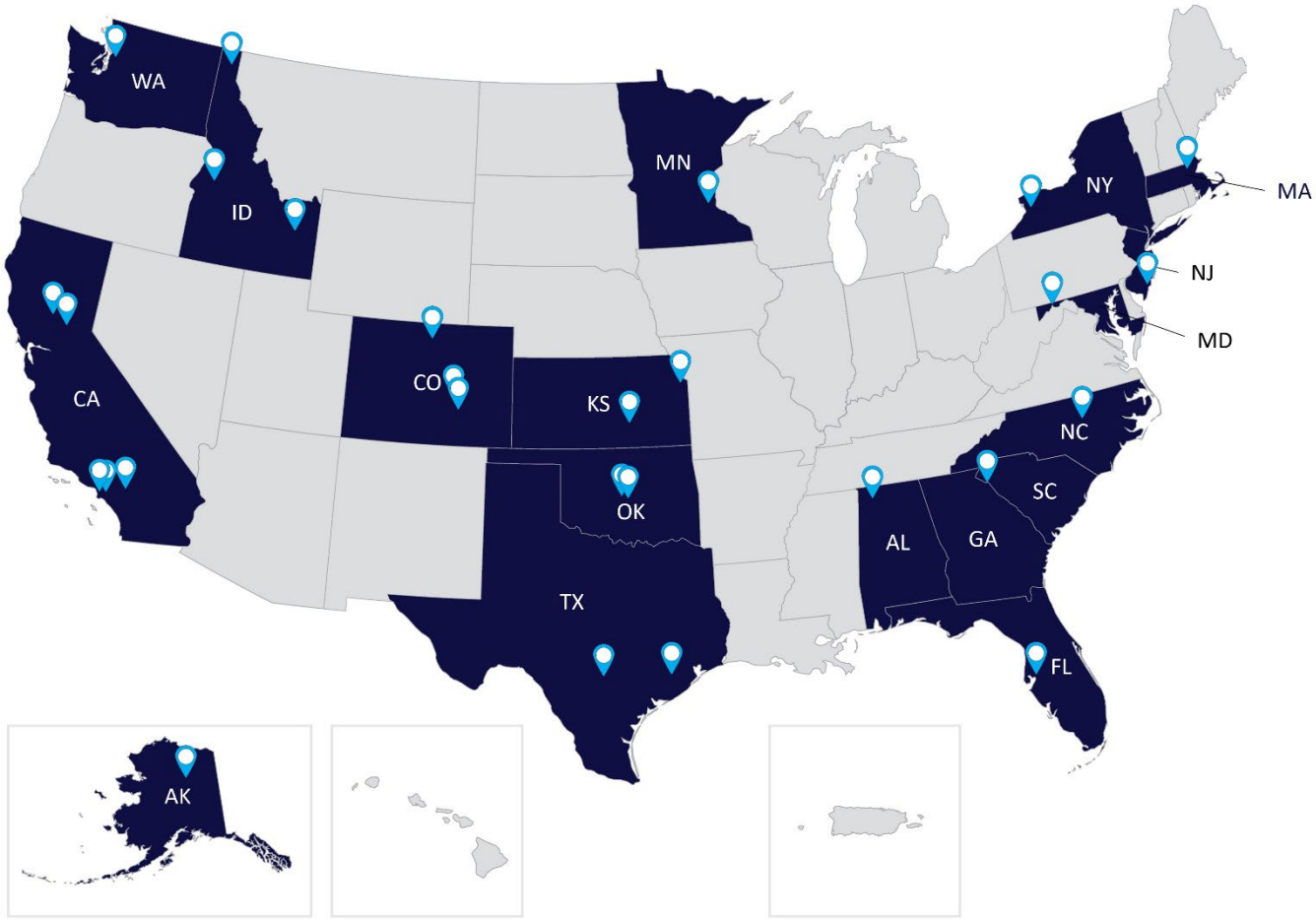
U.S. Department of Transportation
Federal Highway Administration

Bridge Investment Program (BIP)

Planning Grant Awards
2024



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U.S. Department of Transportation
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U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Rural

Investing in Equity and Innovation

31 Counties, Alabama

Grant Funding: $256,000

Grantee: Lauderdale County

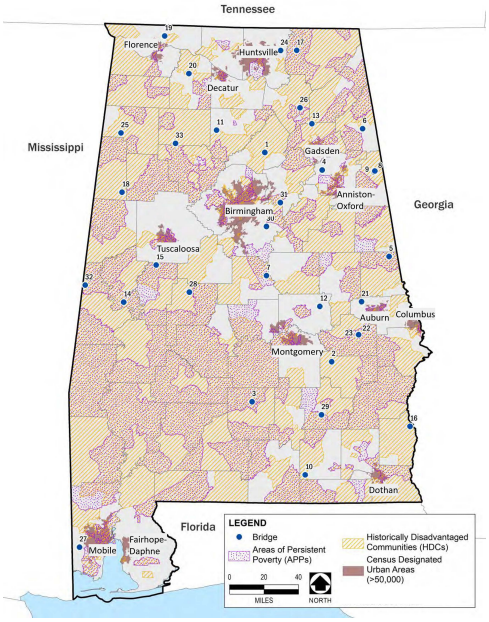
Estimated Total Project Cost: $320,000

Project Description

Alabama local governments, made up of counties and municipalities, maintain 10,127 structures, which account for nearly two-thirds of the State's bridge inventory. The Investing in Equity and Innovation for Alabama County Bridges planning study will help evaluate the feasibility of replacing 30 bridges and rehabilitating three bridges. The bridges have an average age of nearly 66 years and span 31 counties across Alabama. These bridges were identified as the top priority by each county due to the bridges' poor condition of elements critical to the integrity of the structure and the impact of the bridges' looming closure on the State transportation network.

Project Benefits

The planning study would help identify the preferred alternative for each existing candidate structure, evaluate potential bridge project delivery methods, and identify the path forward for effectively and efficiently addressing environmental regulatory requirements.



Source: Lauderdale County, Alabama

U.S. Department of Transportation
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BIP Planning Project, Rural

Dalton Highway Bridges Planning Bundle

Dalton Highway and Koyukuk River, Alaska

Grant Funding: $1,975,217

Grantee: Alaska DOT&PF

Estimated Total Project Cost: $2,469,022

Project Description

This planning grant would fund Planning and Environment Linkage studies and project development for four critical bridges along the Dalton Highway and Koyukuk River drainage corridor. These bridges are at a heightened risk because of climate changes affecting the rivers along the Dalton Highway, especially through the impact of flooding due to ice buildup and scour.

Project Benefits

This planning project will lead to potential replacement of these bridges. Improved bridges will contribute to the functioning and growth of the economy that depends on them for freight connectivity and the movement of travelers and residents of communities along the Dalton Highway.

Photo Source: Alaska DOT&PF

U.S. Department of Transportation
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BIP Planning Project, Urban

Telegraph Road over Rio Hondo Channel

Pico Rivera, California

Grant Funding: $400,000

Grantee: City of Pico Rivera

Estimated Total Project Cost: $500,000

Project Description

The City of Pico Rivera proposes to complete a Planning and Environment Linkages feasibility analysis and revenue forecasting for the full replacement of the Telegraph Road over Rio Hondo Channel bridge. The goal is to provide the city with a safe, functional, and uncongested bridge for vehicles, pedestrians, and bicyclists.

Project Benefits

The planning process will assess the City's immediate and long-term transportation goals and community needs in developing various alternatives for a new bridge. In line with some of the overall goals, a new bridge would improve driver, pedestrian, and bicyclist safety by eliminating bottlenecking, seismic risks, and issues from the lack of bicyclist and adequate pedestrian accommodation on the existing structure.

Photo Source: City of Pico Rivera, California

U.S. Department of Transportation
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BIP Planning Project, Urban

City of San Bernardino Bridge Planning Grant

City of San Bernardino, California

Grant Funding: $676,348

Grantee: City of San Bernardino

Estimated Total Project Cost: $845,435

Project Description

This project's primary focus is planning activities for rehabilitating 11 priority bridges with identified structural deficiencies, directly responding to existing safety concerns. The rehabilitation work will address these deficiencies, ensuring the bridges meet current safety standards and reducing the likelihood of accidents or failures for all bridge users.

Project Benefits

The project will address critical safety efficiency and reliability of the movement of people and freight over bridges, ensuring the City's economic continuity and growth. Enhancing these bridges will prevent major travel delays for the historically underserved community and essential freight within San Bernardino.

Photo Source: City of San Bernardino, California

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

Simpson Lane Bridge – Planning/Feasibility Study

City of Marysville, California

Grant Funding: $400,000

Grantee: Yuba County

Estimated Total Project Cost: $500,000

Project Description

The substructure of the Simpson Lane Bridge is rated poor and the bridge is considered unstable due to scour. Yuba County would use grant funding to complete a planning and feasibility study to determine whether the existing bridge can be rehabilitated or should be completely replaced.

Project Benefits

This planning project will further the effort to improve the safety and reliability of the Simpson Lane Bridge and improve movement of people and freight over the bridge.

Photo Source: Yuba County, California

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

Sunrise Blvd Bridge over American River Feasibility Study

Fair Oaks, California

Grant Funding: $800,000

Grantee: Sacramento County

Estimated Total Project Cost: $1,000,000

Project Description

This feasibility study project is proposed to guide Sacramento County toward a safe, cost-effective, and sustainable solution to address scour damage while enhancing the safety, efficiency, and reliability of people and freight movement over bridges. This project is a vital first step in preventing this fair condition bridge from falling into poor condition. The goal of the feasibility study will be to summarize the needs and benefits of each identified option through the lens of long-term sustainability.

Project Benefits

Because this structure is a critical transportation asset for the Sacramento region, understanding its current deficiencies and evaluating many options for repair or replacement are essential. The outcome would be a solution that provides a safe and resilient structure for many years.

Photo Source: County of Sacramento, California

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

Enhancing Safety and Mobility: Exploring the Feasibility of Slauson Ave Bridge Widening Project

Ladera Heights, California

Grant Funding: $320,000

Grantee: Los Angeles County

Estimated Total Project Cost: $400,000

Project Description

The project will include a feasibility study to upgrade the Slauson Avenue bridge intersection over La Cienega Boulevard. This intersection is critical for the movement of people and goods, but the existing traffic flow exceeds the capacity of the current infrastructure. Without intervention, this issue will escalate, leading to further congestion and safety risks. The project aims to alleviate severe traffic congestion during peak hours by strategically widening the existing bridge.

Project Benefits

The proposed bridge widening and traffic pattern optimization are vital steps toward a more efficient and safer transportation network, while taking pedestrian and bicycle traffic into consideration.

Photo Source: Los Angeles County, California

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Rural

Larimer County Road 63E Bridge Replacement Planning and Feasibility Analysis

Larimer County, Colorado

Grant Funding: $64,000

Grantee: Larimer County

Estimated Total Project Cost: $80,000

Project Description

This project consists of a planning and feasibility analysis to determine the most suitable structure type and location for a replacement bridge on Larimer County Road 63E over the Cache la Poudre River.

Project Benefits

The planning project will set the stage for a BIP Bridge Project that will achieve multiple benefits by replacing the more than 80-year-old non-redundant steel bridge with a new, reliable, and resilient structure. A new bridge would improve safety, efficiency, and reliability of the transportation network in Larimer County and greater northern Colorado.

Photo Source: Larimer County, Colorado

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

Academy Blvd over Platte Ave Bridge Replacement and Multimodal Improvements

Colorado Springs, Colorado

Grant Funding: $750,000

Grantee: City of Colorado Springs

Estimated Total Project Cost: $1,500,000

Project Description

The Academy Boulevard bridge over Platte Avenue was originally built as two bridges in 1965 that were widened and connected in 1974. The widening created some inherent issues with the bridge that cannot be fully repaired short of replacing the bridge. The City of Colorado Springs is seeking Bridge Investment Program (BIP) planning funds to conduct a Planning and Environment Linkages (PEL) study to advance project development for replacing this bridge and conducting other multimodal improvements.

Project Benefits

Replacing this bridge is key to improving traffic operations, multimodal access along the corridor, and safety for all. The proposed PEL would engage stakeholders and the public in a decision-making process to identify, evaluate, and advance a candidate project that will address these issues and seek BIP implementation funds in the future.

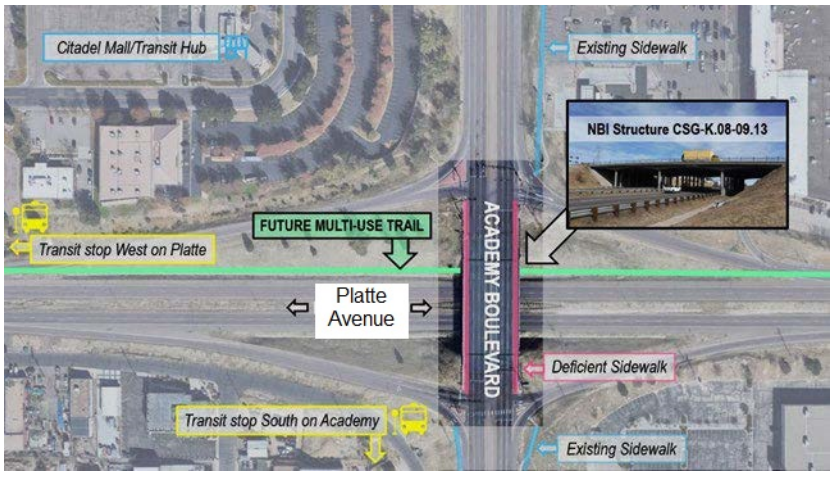

Image Source: City of Colorado Springs, Colorado

U.S. Department of Transportation
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BIP Planning Project, Urban

CO 96 Critical Bridges Replacement Feasibility Analysis

Pueblo, Colorado

Grant Funding: $760,000

Grantee: Colorado DOT

Estimated Total Project Cost: $950,000

Project Description

This project will conduct comprehensive planning to analyze and determine the feasibility of replacing two poor structures on State Highway (CO) 96 in Pueblo, Colorado. Replacement and redesign of these bridges are critical for community connectivity and mobility, and pedestrian, cyclist, and other non-vehicular traveler safety. This feasibility analysis will inform the inevitable reconstruction with current, accurate, and proactive data.

Project Benefits

The findings of this analysis will determine the most feasible, efficient, safe, environmentally sustainable, and cost-effective options for redesigning and reconstructing two poor bridges on CO 96 that carry thousands of daily travelers from the disadvantaged, low-income communities in East Pueblo to Pueblo's downtown hub. CO 96 is the only continuous east-west route through the entire City of Pueblo.

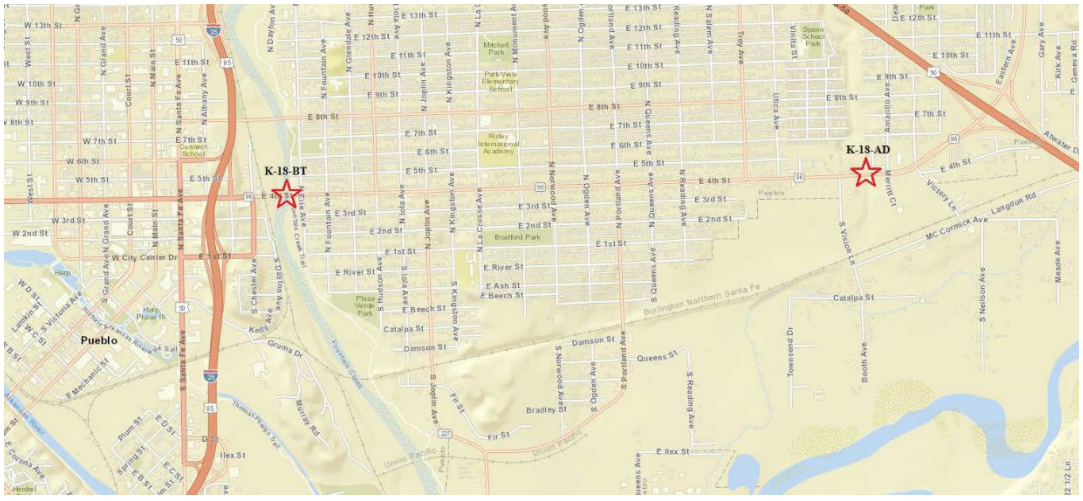

Image Source: Colorado DOT

U.S. Department of Transportation
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BIP Planning Project, Urban/Rural

Hillsborough County Bundled Bridge Planning Study (11 Bridges)

Hillsborough County, Florida

Grant Funding: $1,672,000

Grantee: Hillsborough County

Estimated Total Project Cost: $2,090,000

Project Description

The Hillsborough County Bundled Bridge Planning Study addresses 11 water crossing bridges, which currently range from fair to poor condition. These bridges are facing threat of deterioration due to various factors, including age, outdated design standards, unsafe or inadequate bicycle and pedestrian features, and susceptibility to extreme weather events. These factors pose significant risks to the safety, efficiency, and reliability of these important community connectors. This study will determine the most effective approach, whether through repair or replacement, to addressing the needs of these deteriorating bridges.

Project Benefits

Enhancing the condition of the bridges will decrease the likelihood of unplanned closures and need for detours.

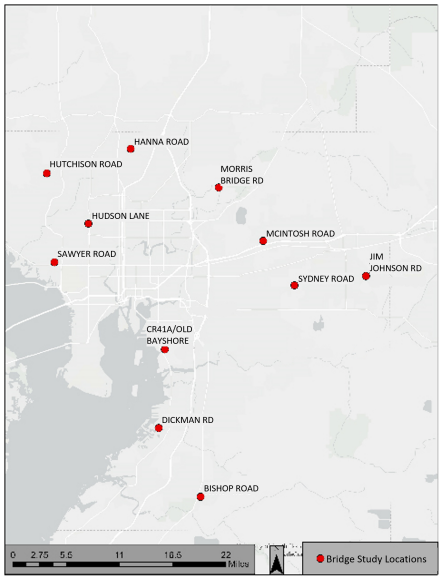

Image Source: Hillsborough County, Florida

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Rural

145th N Bridge Replacement Project over the Snake River

Bonneville County, Idaho

Grant Funding: $328,000

Grantee: Bonneville County

Estimated Total Project Cost: $410,000

Project Description

This project will study and recommend a replacement alternative for the 145th N bridge over the Snake River. Improvements to the 1967 design are necessary to improve public safety and address the fair to poor National Bridge Inventory (NBI) ratings for the structure. These improvements include wider lanes to accommodate traffic (including agriculture equipment), shoulders, space for non-motorized users, and deep foundations to improve overall structural resiliency.

Project Benefits

The project will improve resiliency of the crossing and corridor, improve the structural integrity of the bridge by conforming to current design standards, reduce maintenance burdens on the County, improve driver and pedestrian safety, and improve mobility for non-motorized users.

Photo Source: Bonneville County, Idaho

U.S. Department of Transportation
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BIP Planning Project, Rural

Naples Bridge, Boundary County Planning Analysis

Boundary County, Idaho

Grant Funding: $600,000

Grantee: Local Highway Technical Assistance Council

Estimated Total Project Cost: $750,000

Project Description

The primary purpose of this project is to facilitate a comprehensive planning process that encompasses feasibility analysis, revenue forecasting, and the identification of viable funding strategies for the replacement, rehabilitation, preservation, or protection of the Naples Bridge. By enabling detailed assessments of technical feasibility, environmental impacts, and potential funding mechanisms, the Naples Bridge planning project lays the groundwork for developing a project that is both viable and sustainable, ensuring that the community's long-term infrastructure needs are met. By conducting a thorough feasibility study, the project aims to explore alternatives that are both innovative and practical, addressing technical and environmental concerns.

Project Benefits

This initial investment is crucial for ensuring that the project not only addresses current transportation needs but also anticipates future demands, thereby enhancing connectivity, safety, and economic development in the area.

Photo Source: Local Highway Technical Assistance Council, Idaho

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Rural

Lake Fork Bridge (S Bridge) Planning Study

Donnelly, Idaho

Grant Funding: $464,000

Grantee: Valley County

Estimated Total Project Cost: $830,000

Project Description

This project consists of planning activities for the Lake Fork Bridge (S Bridge), which needs replacement or rehabilitation to improve safety and accessibility. The project will thoroughly evaluate the current condition of the Lake Fork Bridge as well as refine the scope of work on what construction is needed to ensure the bridge meets the current design standard, load, and traffic requirements. There will be two options considered in the planning process, which are replacement or rehabilitation to widen the road. The ultimate goal of this project is to complete all preliminary planning activities, providing critical information necessary to allow Valley County the opportunity to address the structural deficiencies of the bridge.

Project Benefits

Efficiency is a major focus, with the project aimed at alleviating the existing bottlenecks caused by the bridge's insufficient width and outdated design. By widening and straightening the bridge, the project promises smoother traffic flow and a considerable reduction in congestion and travel times. This is especially beneficial for freight transportation, where efficiency is crucial for timely deliveries and operational productivity.

Photo Source: Valley County, Idaho

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban/Rural

Bridge Network Prioritization Program

Wichita, Kansas

Grant Funding: $372,000

Grantee: Unified Government of Wyandotte County

Estimated Total Project Cost: $465,000

Project Description

The Unified Government (UG) of Wyandotte County and Kansas City, Kansas, plans to develop a risk-based prioritization process across its bridge-length structure inventory to identify and address a backlog of rehabilitation and replacement candidates. This planning project includes incorporating criteria aligned with recognized asset management methods; identifying priority bridge candidates for Bridge/Large Bridge Project grant application; identifying and preparing revenue and external funding sources to assist in rehabilitation or replacement construction costs; and coordinating with regulatory agencies to identify anticipated requirements and impacts through Planning and Environment Linkage studies for priority structures.

Project Benefits

The planning project will enable the UG to thoroughly assess its bridge inventory and identify where future Federal and local funds can make the largest impact for safety of the traveling public and reliability of the infrastructure network.

UG Structures in Disadvantaged Census Tracts

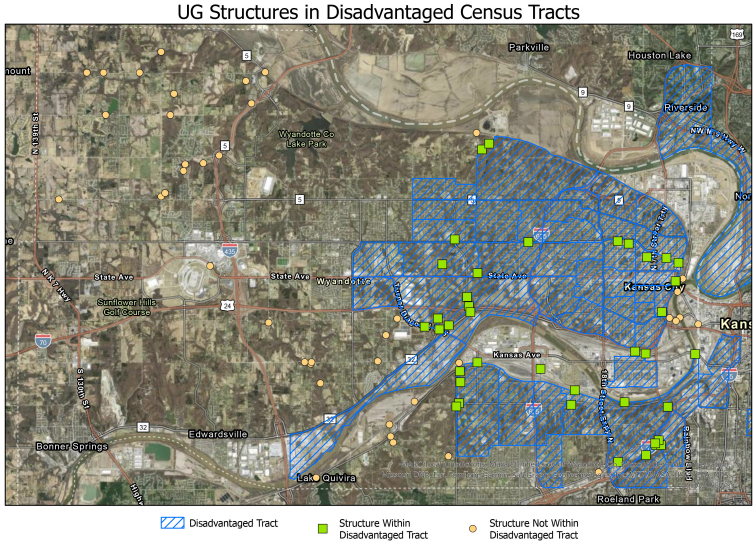

Photo Source: Wyandotte County, Kansas

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

The Canal Route Modernization Study

Wichita, Kansas

Grant Funding: $1,600,000

Grantee: Kansas DOT

Estimated Total Project Cost: $2,000,000

Project Description

This project is a Planning and Environment Linkages study to explore options for replacing infrastructure along a 5.5-mile segment (known locally as "Canal Route") on Interstate 1-35 (I-135) and the surrounding local transportation network bisecting east and west Wichita. The Canal Route is nearing the end of its service life and needs modern design solutions with extensive input from the surrounding community. The study area is comprised of the two largest bridge structures in Kansas (both bridges are over 600,000 square feet and 2.2 miles long), two system-to-system interchanges, and 53 roadway bridges. The Canal Route, which carries over 87,000 vehicles daily, channels traffic through the core of Wichita, provides connections to I-35 and the I-235 bypass as well as other highways, and is designated as a primary highway freight system route by FHWA and as a Strategic Highway Corridor by the U.S. Department of Defense.

Project Benefits

The planning study will develop a rehabilitation and replacement plan for all bridge structures in the study area to be maintained in a state of good repair until replacement is necessary. The plan would be implemented within the phased program of projects and would provide new structures that will meet modern design standards, such as providing sufficient vertical bridge clearance that impacts truck movements.

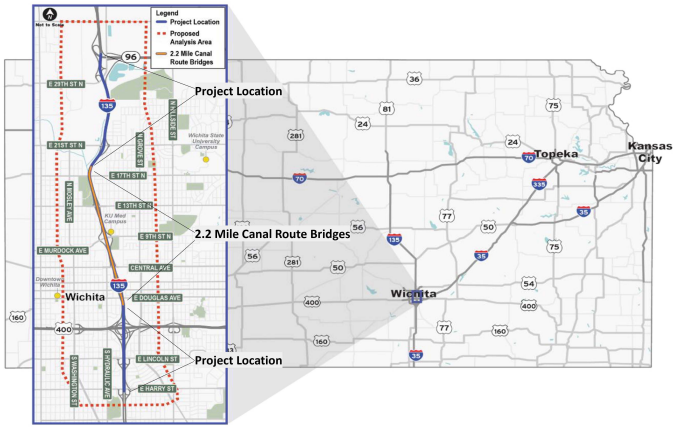

Image Source: Kansas DOT

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban/Rural

Rethinking The I-68 Viaduct: A Plan to Reconnect Cumberland

Cumberland, Maryland

Grant Funding: $1,600,000

Grantee: Maryland DOT

Estimated Total Project Cost: $2,000,000

Project Description

This project will support a Planning and Environment Linkages (PEL) study of the Interstate 68 (I-68) Viaduct. Characterized by steep grade changes and sharp curves that have contributed to years of safety and congestion issues, the viaduct serves as a physical, economic, and visual barrier, which divides the City of Cumberland in half. The Maryland Department of Transportation has reached a pivotal moment of opportunity: the largest viaduct structure (NBI # 100000010096010) is rapidly deteriorating and Maryland DOT has determined the structure is due for a full deck replacement within the next 5 years at a cost likely to exceed $100 million. However, this $100 million investment to extend the service life of the bridge another 30–40 years would not address opportunities to enhance safety, accessibility, and equity issues. Instead, Maryland DOT has chosen to pursue this PEL study.

Project Benefits

This project is an opportunity to study mistakes of the past and determine how to reshape the interstate to help Cumberland grow, retain its historic character, and improve recreational opportunities and quality of life.

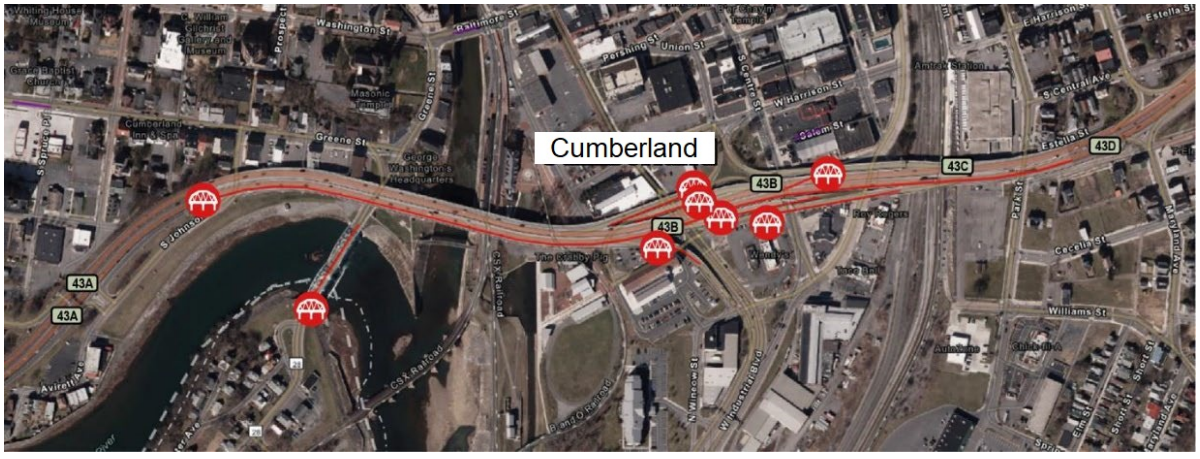

Photo Source: Maryland DOT

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

Lowell Bridge Prioritization Plan

City of Lowell, Massachusetts

Grant Funding: $800,000

Grantee: City of Lowell

Estimated Total Project Cost: $1,000,000

Project Description

This project will develop a Bridge Prioritization Plan that will evaluate all 33 of Lowell's bridges and create an appropriate maintenance plan to ensure these bridges remain in good repair. The Prioritization Plan will study the existing condition and future needs of each bridge and prioritize their protection, preservation, or rehabilitation.

Project Benefits

Having a clear action plan for bridge maintenance will ensure that the bridges remain safe, efficient, and reliable for pedestrians, bicyclists, vehicles, and movement of goods, consistent with the goals of the Bridge Investment Program.

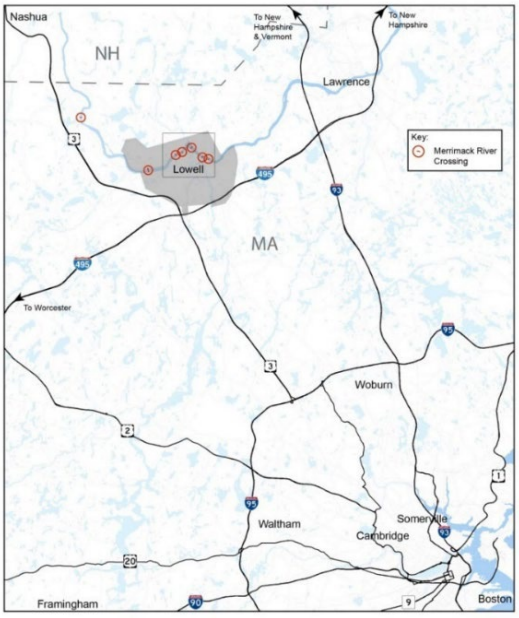

Image Source: City of Lowell, Massachusetts

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban/Rural

Planning for Tomorrow

Southeast Minnesota

Grant Funding: $2,304,000

Grantee: Minnesota DOT

Estimated Total Project Cost: $2,880,000

Project Description

This project will develop strategic asset management plans for seven high priority bridges across the State's Trunk Highway System. The planning process will identify key preservation and maintenance activities that improve the condition of bridges, extend structure service life, reduce the number of bridges that deteriorate to poor condition, and ultimately reduce the total person and freight miles over poor condition bridges. The plans, developed only for the highest priority and complex bridges in Minnesota, would evaluate maintenance scenarios in comparison to existing conditions.

Project Benefits

This project will contribute toward the Minnesota Department of Transportation's goal to maximize the service life of key structures across Minnesota's Trunk Highway system through proactive planning for short- and long-term bridge rehabilitation, preservation, and protection projects.

Photo Source: Minnesota DOT

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

Jobs Point Bridge

Atlantic County, New Jersey

Grant Funding: $784,000

Grantee: Atlantic County

Estimated Total Project Cost: $980,000

Project Description

Atlantic County is proposing to conduct a planning study to recommend alternatives for a new bridge that meets current New Jersey DOT and AASHTO standards. The Jobs Point Bridge is located along County Route 559 (Mays Landing-Somers Point Road) over Patcong Creek in Atlantic County, New Jersey. Constructed in 1967, the Jobs Point Bridge is a two-lane urban minor arterial route that serves as one of two bridges that connects the Township of Egg Harbor and the City of Somers Point.

Project Benefits

The proposed planning project aims to develop a Bridge Project eligible for BIP funding, enhancing safety, efficiency, and reliability for both people and freight movement. The bridge's advanced age, combined with structural deficiencies, load restrictions, and its critical role in the region's tourism industry, underscores the necessity for timely and minimal disruptive repairs to ensure safety and maintain traffic flow.

Photo Source: Atlantic County, New Jersey

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

Planning for Grand Island Bridges and I-190 Corridor in Western NY

Buffalo-Niagara Region of Western New York

Grant Funding: $1,597,009

Grantee: New York State Thruway Authority

Estimated Total Project Cost: $2,000,000

Project Description

The New York State Thruway Authority, which owns the bridges, and the Greater Buffalo Niagara Regional Transportation Council, the local metropolitan planning organization, are seeking a planning grant to analyze the Grand Island Bridges against the regional transportation network's current and future needs. The planning project would investigate feasible project alternatives to address identified challenges; study existing social, economic, and environmental conditions; perform a life cycle cost analysis; and forecast future toll revenue. By utilizing a corridor-based approach, these activities will be coordinated through a Planning and Environment Linkages study to aid in decision-making on how to best address the needs of the Interstate 190 corridor in Western New York.

Project Benefits

The proposed planning project aims to develop a detailed analysis which will create a framework for future maintenance, rehabilitation, and reconstruction activities. This framework will optimize the useful life of the bridges and overall corridor, as well as result in reduced costs for immediate and future needs.

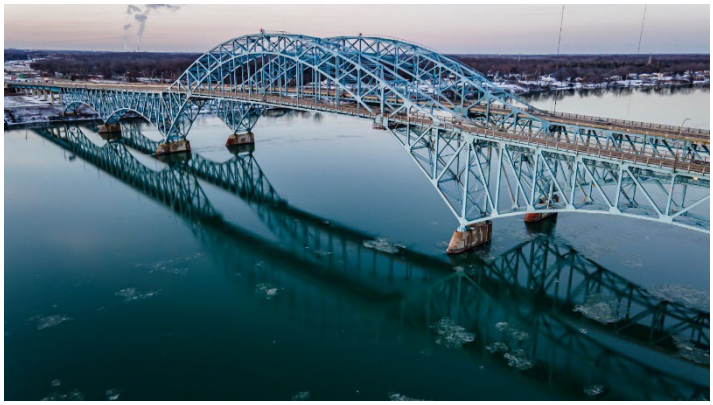

Photo Source: New York State Thruway Authority

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

Planning Study for Replacement of Two Bridges

City of Durham, North Carolina

Grant Funding: $500,000

Grantee: City of Durham

Estimated Total Project Cost: $625,000

Project Description

The project entails a planning study for the removal and replacement of two existing bridges that are in fair or poor condition, and that do not meet current geometric standards. The new bridges will meet current geometric, construction, and structural design standards for the types and volumes of projected traffic on the facilities over the bridges' design lives. Additionally, the new bridges will feature wider lanes, improved under-clearances, and dedicated pathways for pedestrians and cyclists.

Project Benefits

The proposed planning project aims to improve traffic flow by preventing accidents involving over-height vehicles and providing wider lanes to enhance traffic flow and minimize congestion during peak hours. These improvements will provide positive impacts to nearby local business and regional commerce by improving connectivity and reducing delays.

Photo Source: City of Durham, North Carolina

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

South Oklahoma City Lightning Creek Bridge Planning Bundle

Oklahoma City, Oklahoma

Grant Funding: $666,655

Grantee: Oklahoma City

Estimated Total Project Cost: $833,319

Project Description

This planning project is for a Planning and Environment Linkages (PEL) study for eight bridges along Lightning Creek in South Oklahoma City. The bridges are in fair or poor condition and do not meet current geometric standards. All eight bridges are recommended for full replacement. The PEL work will include consideration of structural stormwater management best management practices (BMPs) to better address the high volume of floatables carried by Lightning Creek into 47 acres of parkland served and surrounded by these eight bridges.

Project Benefits

The proposed planning project aims to plan for bridge replacements that better accommodate vehicular and non-vehicular uses safely and reliably. The project will also pursue environmental benefits through consideration of structural stormwater management BMPs to reduce impacts to community parkland.

Photo Source: Oklahoma City, Oklahoma

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

West Oklahoma City MacArthur Stretch Bridge Planning Bundle

Oklahoma City, Oklahoma

Grant Funding: $1,533,338

Grantee: Oklahoma City

Estimated Total Project Cost: $1,895,829

Project Description

This project consists of a Planning and Environment Linkages study for the full reconstruction of six bridges in West Oklahoma City, along South MacArthur Boulevard, West Reno Avenue, North Portland Avenue, and Northwest 10th Street. All six of these bridges are in poor condition and all are being proposed for replacement.

Project Benefits

The proposed planning project aims to move all six bridges closer to engineering and design for a future project. It would allow engagement of the surrounding community in determining design solutions and planning bridge replacements that better accommodate vehicular and non-vehicular uses safely and reliably, including connections to relatively new sidewalks in the project area.

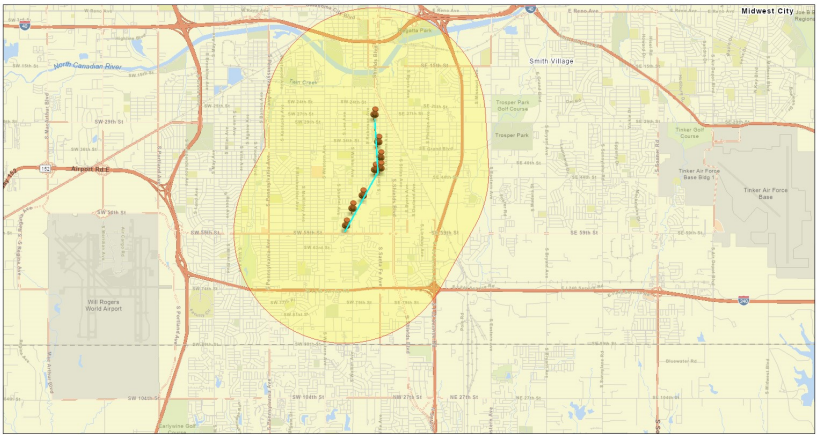

Image Source: Oklahoma City, Oklahoma

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Rural

I-85 Planning and Environmental Linkages Study

South Carolina-Georgia Border on I-85

Grant Funding: $1,680,000

Grantee: South Carolina DOT

Estimated Total Project Cost: $2,100,000

Project Description

The South Carolina and Georgia Departments of Transportation (SCDOT and GDOT) are partnering on a Planning and Environment Linkages (PEL) study for approximately 2.5 miles on the Interstate 85 (I-85) corridor. The I-85 PEL study will evaluate how best to replace or rehabilitate a bundle of six rural bridges that are in poor or fair condition. Additionally, the PEL study will examine two interchanges, potential lane widening, additional truck parking, and a shared use path.

Project Benefits

The proposed planning project aims to improve safety along this high-speed, high-volume interstate highway. Safety improvements include increased shoulder widths, adding emergency service pull-off areas, upgrading bridge railings, and correcting deficient geometric curves and alignments along the project corridor. These improvements will contribute to efficiency and reliability of the corridor, in addition to safety.

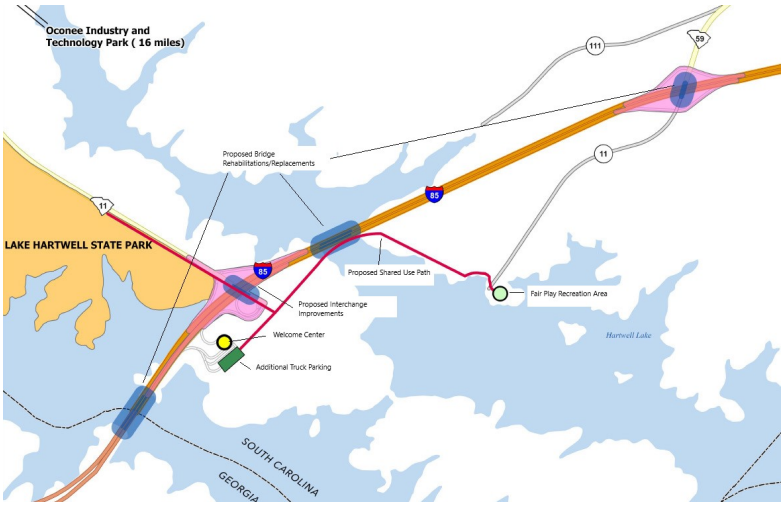

Image Source: South Carolina DOT

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

City of Boerne – Citywide Bridge Planning

Boerne, Texas

Grant Funding: $600,000

Grantee: City of Boerne

Estimated Total Project Cost: $750,000

Project Description

The proposed City of Boerne – Citywide Bridge Planning project will develop a comprehensive plan to address significant safety, transportation, and mobility challenges posed by 18 existing bridges located within Boerne. The planning project will enhance connectivity for the community and improve residents' quality of life.

Project Benefits

The planning project aims to improve many of the bridges along Highway 46, which bisects the city. Upgrading the bridges along this traffic corridor will contribute to better bicycle and pedestrian safety, as well as reduced response times for emergency services during flood events. Congestion and air pollution would also be reduced. This planning project will also enable the city to assess options to alleviate flooding issues and increase climate resiliency for future decades.

Image Source: City of Boerne, Texas

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

Buffalo Bayou Bridges Rehabilitation Study

West Houston, Texas

Grant Funding: $2,000,000

Grantee: City of Houston

Estimated Total Project Cost: $2,500,000

Project Description

Planning activities would determine preferred alternatives for bridge design and construction for the rehabilitation of nine bridges along the Buffalo Bayou in Houston Texas. The planning activities will include a feasibility analysis, a hydrology analysis, project development, and stakeholder and community engagement. Examination of the substructures, superstructures, deck condition, approaches, informing project schematics toward bridge layouts, and conceptual designs will also be part of the study.

Project Benefits

The planning project aims to investigate roadway designs that consider all transportation users, including freight movement, bicyclists, and pedestrians. Elevating the structures will raise them out of the flood plain, reducing structural deterioration and eliminating a detour for when the bridges are inundated during flood events. The project will also study opportunities for bikeways to improve connectivity for bicyclists and pedestrians.

U.S. Department of Transportation
Federal Highway Administration

BIP Planning Project, Urban

102nd Ave NE Bridge Replacement Planning Study

City of Bothell, Washington

Grant Funding: $1,080,000

Grantee: City of Bothell

Estimated Total Project Cost: $1,355,000

Project Description

This project will lead to a necessary upgrade of the only crossing that connects the City of Bothell downtown core to the communities south of the Sammamish River. It will provide for safer conveyance of vehicles and non-motorized traffic both across the bridge and under the bridge. Planning activities will consist of a feasibility and cost analysis; a type, size, and location study; and community outreach to advance toward a Bridge Project for the replacement of the bridge.

Project Benefits

The project aims to improve resiliency by providing unrestricted access for emergency response. Additionally, safety of non-motorized travelers will be improved by widening the shared use path and installing a crash-tested barrier between the path and vehicular traffic. Improved geometric conditions under the structure will reduce accidents on State Route 522 in the vicinity of the bridge.

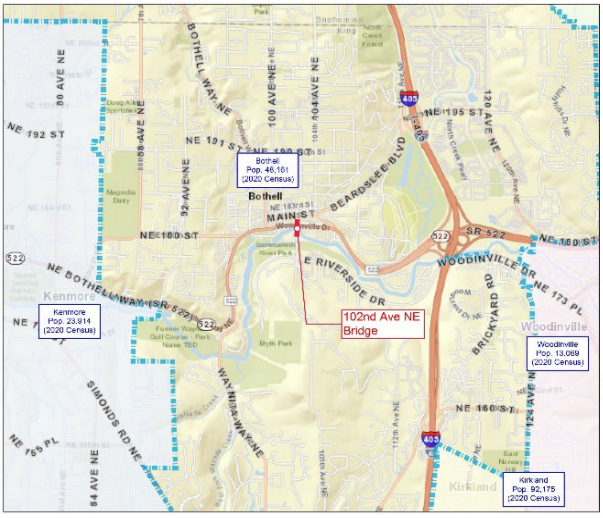

Image Source: City of Bothell, Washington