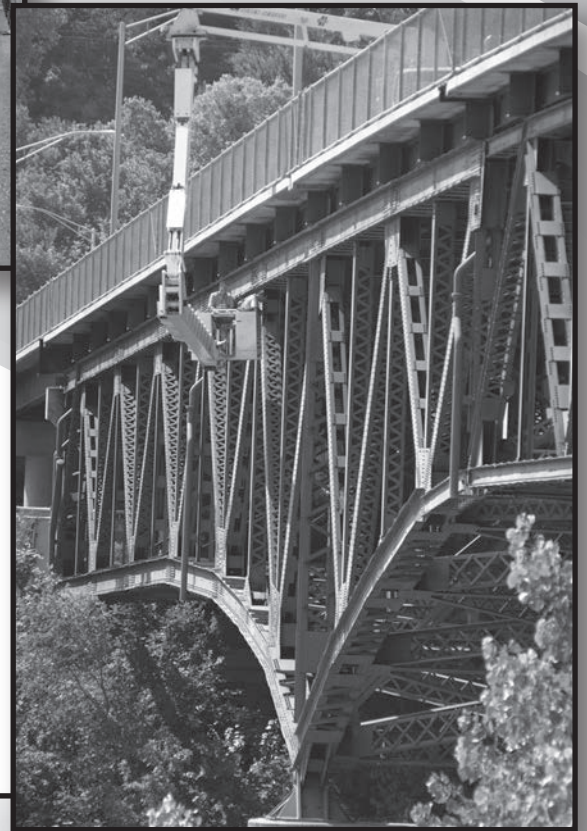

**Administrative Modification #3
(as of 02/16/2022) to the
Kansas FFY 2022-2025 STIP**

The administrative modification #3 to the Kansas FFY 2022-2025 Statewide Improvement Program (STIP) updates the Project Selection Criteria and the Federal Lands and Tribal Transportation Programs narrative sections of the STIP.

The Project Selection Criteria narrative was updated for the recently approved Kansas 2020-2045 Long Range Transportation plan. Updates in verbiage throughout the narrative for the new plan were made and a link for the new plan is provided. Additionally, verbiage for a new subcategory in the Modernization program, the Clear Zone Program, was added. The Federal Lands and Tribal Transportation narrative was updated for the newly approved 2022-2025 Federal Lands Transportation Improvement Program (TIP). Kansas has four projects planned or under construction in the new 2022-2025 Federal Lands TIP and the list of projects is provided after the narrative describing the Federal Lands and Tribal Transportation programs.

Project Selection Criteria



PROJECT SELECTION CRITERIA

Projects in the STIP are created from various levels of government (city, county, and state) using many different processes and criteria. The criteria described in this section are those used by KDOT for the projects currently programmed in FFY 2022-2025 and listed in this document in Appendix A- the Project Index. At the close of the 2020 State legislative session, the legislature passed a new transportation program the Eisenhower Legacy Transportation Program (ELTP) that is designed to be flexible and responsive to shifting needs in Kansas transportation. The new state transportation program, ELTP, is in effect from July 1, 2020, the beginning of state fiscal year (SFY) 2021 through (SFY) 2030 which ends June 30, 2030. The first focus of the new program is to bring to construction the remaining T-WORKS projects that were delayed. Of the eighteen delayed T-WORKS projects, a single phase of each project has been let to construction. Four project phases of two projects remain to let and are scheduled to let for construction in SFY 2022 and SFY 2024.

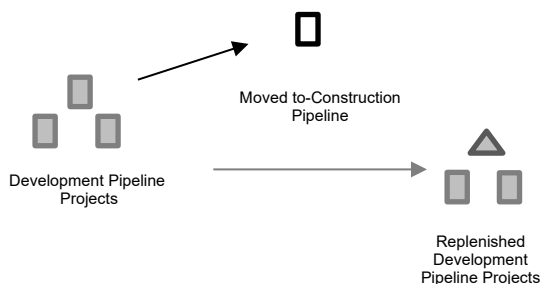
Along with the completion of the delayed T-WORKS projects, the ELTP continues to emphasize preservation of the existing State system with funding levels in the ELTP for projects that ad-

dress existing roadways and bridges infrastructure. set for replacement at the rate used. This renewed dedication to our state system will safeguard our existing system and help move the State in a positive direction towards meeting the recently adopted federal preservation performance measures (for more information, refer to the Performance Measure narrative) Since preservation projects are usually smaller in scale and generally selected on a yearly basis, most preservation related projects only appear in the first year of the STIP project index. For this STIP document, selected federally funded preservation projects that are anticipated to let to construction through December have been captured. The remaining federally funded preservation projects remaining to be developed, will be added to the STIP through the amendment process.

Another aspect of the ELTP program is funding for projects in the Modernization and Expansion programs. Projects from these programs will be selected for construction from a pool of development pipeline projects. The first 40 development pipeline projects were selected in June 2020 and amended to the STIP that was current at that time. These projects are in the preliminary design stage of development. Additional

development pipeline projects will be discussed in the upcoming fall 2021 local consult meetings and selection will be made in SFY 2022. These newly selected development pipeline projects will be added to the current STIP using the amendment process in place and will be approved for the preliminary design stage of development.

Every two years, local consult meetings will be conducted across the state and together with our local partners new projects will be selected and added to the development pipeline. While this will result in more projects available in the development pipeline than existing funding allows to be constructed, this method ensures a steady supply of projects is available for advancement to construction with no lag between development and the construction phase. This process allows for better leverage of federal funds and a more efficient use of resources.



Projects will be selected to advance from the development pipeline to construction based upon need and other factors, like local support. This ensures that the projects with the greatest need and support are selected and that limited resources are used efficiently and effectively.

Along with addressing prior projects and the established Core programs in the ELTP, new categories were created to address newly identified needs that emerged from the local consult dialogues through meetings held in the summer and fall of 2019. New programs were established under the ELTP to address emerging concerns like rural broadband expansion and transportation technology to name two. These initiatives will be handled jointly by the ICT subcategory in the Modernization program and the ITP subcategory in the Local Support program. In general, the ICT group of projects will be captured in the STIP as the work is usually associated with State roadways while the ITP projects are administered by LPAs and are on local roads. Therefore, ITP projects are not included in the STIP Appendix A. Another new program to provide safer new drivers is the Driver's Education Scholarship Fund (DESF), this new program is administered under the Local Support program category (a non-Core category program). Since the DESF program is not road related, Local Support is a better fit than one of the Core programs. Projects developed in this program are not funded with federal FHWA funding and are not part of the U.S.C. Title 23 code and, therefore, are not included in the STIP document. The final new program in the ELTP is the Preservation Plus program which is funding for safety actions that can be incorporated into an existing project. No projects are directly associated with this new program which is managed under the PPP subcategory in the core program of

Preservation. Instead, as selected projects emerge where with additional funding gains in safety could be achieved funding will be transferred from Preservation Plus to the projects. Candidate projects may be from any KDOT program and subcategory but most generally will be from the Preservation or Modernization core programs. Additionally, most of these subcategories will not be federally fund eligible and some may not be in in core program of projects. Projects that are part of the core program will be included in this STIP document.

Finally, the ELTP continues to provide provisions for other transportation modes in the state including rail, air and transit. While other modes are very valuable and bring many benefits to Kansans, with the exception of transit, they are not part of the requirements codified in the U.S.C. Title 23 which is the role of this STIP to address. Of the other modes, only transit is covered under U.S.C. Title 23. Transit information in this document is provided in a Transit narrative and information is provided to the level required by this code and by the Federal Transit Administration (FTA).

While the passage of the ELTP is vital for progress in transportation in Kansas, KDOT recognizes that many of the funding streams for the highway program are not guaranteed for only highway use. Some of the revenue streams that KDOT relies on for the State highways and the new transportation program are at the discretion of the Legislature- specifically the Sales & Compensating taxes. In the

prior program, T-WORKS, reductions in this source and in the total funding available to KDOT impacted the program that KDOT was able to deliver and the condition that State Highways were able to be maintained. Under the new program, the ELTP, these uncertainties in funding remain as the distribution of the Sales & Compensating taxes remain at the discretion of the legislature. However, the 2020 legislature session moved in a positive direction by enacting the ELTP and by providing funding from multiple sources- dedicated funding, funding that is at the discretion of the legislature and through additional bonding. Bonding is anticipated for a portion of the ELTP and is expected to be utilized in the last year of the four-year period of this STIP as estimated in the Cash Flow provided in the Program Financing narrative section.

Although a totally dedicated funding stream was not secured for the ELTP, the manner in which types of projects are funded has been modified from past transportation programs in an effort to reduce the impact of uncertain funding and minimize decline in the existing transportation system. In the ELTP, KDOT will use “protected” sources of funding like the gas tax and federal funding for ongoing preservation of the current system and revenues from less secure sources like the Sales & Compensating taxes to fund the higher profile projects from program categories like Modernization and Expansion. While projects from these two program categories may contribute to the health of the system, they are not critical to preserving the health.

Additionally, under the new transportation program KDOT will leverage partnerships with local communities to help maintain the transportation system.

While the approval of the Eisenhower Legacy Transportation Program (ELTP) at the state level is a great benefit to transportation in Kansas, at the federal level funding is uncertain as the federal transportation program, the FAST Act, officially expired in September 2020. While a new program is being discussed at the federal level, at the time this document was prepared, a new program was not yet enacted. This lack of knowledge about the next federal transportation program does limit KDOT's ability to plan effectively. Some adjustments in how projects are managed and funded may need to be taken with an increased use of the Advance Construction mechanism to allow projects to proceed while waiting for a transportation program at the federal level to be enacted. Along with this uncertainty is the strain that the COVID-19 pandemic continues to place on federal resources. Generally, State resources have rebounded from the effects of the COVID-19 pandemic with only motor fuel tax remaining approximately 2-3 percent lower than pre-pandemic levels. This new lower level is anticipated to be a "new normal" for the State as many businesses elected to continue remote work to some degree resulting in lower travel. The decrease in travel impacts the Motor Fuel tax receipts. These uncertainties and changes in resources make planning more difficult.

Until a new federal transportation program is in place alongside the state program and the full economic impacts from COVID-19 are known, KDOT will continue the development pipeline projects with the expectation that funding levels at the State and Federal level will be available when the projects are ready, or nearly ready, for the construction phase with the understanding that the number of projects continued to construction may potentially be curtailed by these uncertainties. For planning purposes with consideration of these uncertainties outlined, this STIP document has been developed estimating federal funding at 2020 levels, the last year of the FAST Act, for the entire four years of this STIP. Combined state and anticipated federal sources of revenue allow for continued pool development projects with some projects letting to construction as available revenues allow.

To facilitate program management under the ELTP, KDOT categorizes road and bridge construction projects into four broad groups or core category programs: Preservation, Modernization, Expansion and Local Construction. Under the ELTP, the Preservation program projects will continue to be selected on an annual basis through a yearly review process and federally funded projects from the Preservation program not captured in the initial STIP document will be amended using the amendment process in place. Projects from the Modernization and Expansion programs will progress through a devel-

opment pipeline. As previously discussed, development pipeline projects will continue to be added through the local consult process on a two-year schedule with additional development pipeline projects anticipated to be selected in 2022. Each year some projects will be advanced from the development pipeline to construction (letting) for the upcoming 2-year period as the budget allows. Through this rolling 2-year approach, KDOT maintains increased flexibility to respond to economic pressures or opportunities as they arise by selecting projects to advance to construction as funding allows while maintaining a pool of projects ready to advance if the opportunity arises. Maintaining this pool of development pipeline projects increases efficiency and ensures that there is very little lag time between funds becoming available and a project moving to letting for construction.

For projects in this STIP the 2-year rolling selection process means that many of the projects in the first two years of the STIP have been selected and programmed for construction while many of the projects in the latter two years are yet to be selected and are in the design development pipeline. The FFY 2022-2025 projects listed in this STIP in Appendix A are those projects that have been evaluated and programmed to proceed in one or more phases of work and are anticipated to obligate in one or more of the years of the STIP. However, not all of the projects listed are approved for construction at this time. Additionally, projects with federal funding that have an

annual selection process, such as railroad crossing and 1R projects, are partially represented in the STIP document because of timing differences between the development period of the STIP and the project selection period. Projects with federal funds that meet the criteria of USC Title 23 or projects that are regionally significant that move into or are selected and developed after the preparation of the STIP document will be added to the STIP through amendment as described in the “STIP Revision Procedures” (<https://www.ksdot.org/Assets/wwwksdotorg/bureaus/burProgProjMgmt/STIP/MultipleUseAssets/2010-Approved-STIP-Revision-Procedures-official.pdf>).

In addition to the ELTP program guidance and the requirements of the federal transportation acts, the July 2021 approved, 2020-2045 Kansas Long Range Transportation Plan (LRTP), https://www.ksdot.org/Assets/wwwksdotorg/bureaus/burTransPlan/Documents/KDOT_LRTP.pdf, provides a framework of goals and objectives used in the development and selection of projects in this STIP. The goals and objectives in the newly adopted LRTP were developed over the course of 2019 through mid-2021 in cooperation with many stakeholders and partners across the state including the six Kansas Metropolitan Planning Organizations (MPOs) ensuring that the goals and objectives are relevant for and representative of the people KDOT serves - Kansas citizens. To augment the 2020-2045 LRTP and as

directed by FHWA as part of their recently adopted performance-based data driven approach to asset management and funding allocation, Kansas developed a Transportation Asset Management Plan (TAMP) in 2018. The TAMP assesses current infrastructure and the funding level and work effort required to maintain the current infrastructure in acceptable condition. Based on information gleaned from the TAMP, the agency, stakeholders and legislature worked together to ensure that a key goal of both the newly adopted 2020-2045 LRTP and the newly enacted ELTP is providing funding levels for replacement of infrastructure at the rate that infrastructure is used to ensure that the current State system is maintained in acceptable condition. Together, the 2020-2045 LRTP and TAMP assist KDOT in their management decisions from project selection evaluations to project design and implementation providing the foundation for KDOT's day-to-day decision-making processes and are embodied by the ELTP, and the projects selected and programmed in this STIP. In turn, the execution of the projects listed in this STIP moves KDOT towards achievement of the performance measures identified in both the 2020-2045 LRTP and the TAMP.

— PROJECT SELECTION— (An Expanded Process)

The ELTP continues the project selection method established under T-WORKS with engineering factors play-

ing a key role supplemented with economic impact evaluation and/or local input in some KDOT programs. KDOT categorizes highway construction projects into four broad programs— **Preservation** for projects that take care of what is already in place (pavement rehabilitation and reconstruction and bridge repairs and replacements); **Modernization** for projects that improve safety by improving the existing roadway (shoulder improvements, flattening hills, straightening curves, and improving interchanges); **Expansion** for projects that add to the existing system (new lanes and interchanges); and **Local Construction** for projects on county and city roads. Within each of these major programs are funding and/or project-type groups that separate the projects into more specific groups or subcategories.

The project selection criteria applied to each of the programs is specific to what is most relevant to the work accomplished in the program. For example, priority formulas and other data driven tools work well to select preservation-type projects but are not as effective when used solely in the selection of projects in the Modernization and Expansion programs. Modernization types of projects benefit from engineering factors augmented by regional priorities and Expansion projects being larger in scale are best considered with the perspective of engineering factors, regional priorities along with analysis of the economic benefits/impacts. Revising the project selection criteria to include regional priorities and economic impacts, allowed a way for

stakeholder considerations and regional benefits to be included in the evaluation of projects providing a more inclusive and collaborative process. An objective identified in the 2020-2045 LRTP highlights the need for KDOT to continue to refine and improve the effectiveness of the project selection criteria with an emphasis on finding new and better methods to evaluate and integrate economic development and job growth into the criteria. The fourth program, Local Construction while a Core Program is not a program for which KDOT determines the selection criteria, instead local public authorities (LPAs) are 100 % responsible for determining the project selection criteria for this program. The Local Construction process is coordinated at KDOT by the Bureau of Local Projects and is discussed in greater detail in the Local Construction Program located at the end of this narrative section. Below is a chart showing the project selection criteria used for selection of projects in this STIP for the Core programs with the factor weights applied for scoring and selecting projects.

Project Selection Criteria				
	Engineering Factors	Regional Priorities	Economic Impact	Other
Preservation	100%	-	-	
Modernization	80%	20%	-	
Expansion	50 %	25%	25%	
Local Construction				100 %

The Priority Formula, crash data, cost analysis, traffic flow modeling and

other tools are used to determine engineering factors. While the 2020-2045 LRTP, MPO plans, State Safety plans, local entity plans, local consult meetings and the TAMP are all tools used by KDOT to determine regional priorities and economic impacts. By employing the project selection criteria, KDOT ensures that selected projects meet the goals and objectives of the 2020-2045 LRTP, the TAMP guidelines and meet the requirements of the ELTP legislation. Together these tools aid KDOT in maintaining existing infrastructure at acceptable levels and in making sound decisions about future infrastructure needs and enable project selections that meet both goals.

— PRESERVATION —
(Taking care of what we have)

The first core program category in the ELTP is the Preservation program. The functions of this program are to protect the public’s investment in its highway system by preserving the “as built” condition for as long as possible and to improve roadway safety. Proper maintenance, the cost for major repairs and/or replacement at a future date will be significantly greater than the cost of timely maintenance. Roadway safety actions like signage, pavement markings, rumble strips and lighting focus on keeping vehicles on the roadway and minimizing the consequences of a vehicle leaving the roadway. Projects within this category contribute to the 2020-2045 LRTP goals of Safety & Security and Asset Preservation and are the focus of the TAMP. As

a step towards safeguarding the investment already made in existing infrastructure, the newly enacted ELTP provides for funding levels for the replacement of infrastructure at the rate it is used.

Projects within the Preservation program are further divided into subcategories, that share similar work types. The Preservation program includes the subcategories: Bridge and Culvert Repair (BSR & BCR), Bridge Painting (BSP), Bridge Replacement or Rehabilitation (PBR), Bridge Re-deck (PDR) and Culvert Bridge (PCR), Contract Maintenance (CMN), Emergency Repair (EMR), Interstate Basic Improvement (IRP) and Non-Interstate Basic Improvement (RIP), Interstate Resurfacing (ISR), Miscellaneous for Preservation (NHP), Non-Interstate Resurfacing (1RR), Signing (SOS), Pavement Marking (PMR), Preservation Plus (PPP), Railroad Crossing Surfacing (RRS), Signing & Lighting Repair and Replacement (SLR), State Route Removal (SRR). Each of these subcategories is described in more detail on the following pages. The project selection criteria for projects in the Preservation program rely entirely on engineering factors and selections in most subcategories are made annually. New to this program is the Preservation Plus subcategory created in the newly enacted ELTP. As discussed previously, this subcategory will have no projects associated with it directly. Instead, this subcategory will be a source of funds available to be transferred to projects from other subcategories where additional funds will allow

for safety gains. For example, a 1R overlay project where rumble strips may be added with a small addition of funding transferred from the Preservation Plus subcategory.

Bridge and Culvert Repair (BSR & BCR)

The Bridge Repair and Culvert Repair subcategories are for bridge and culvert repairs of lesser magnitude than the Bridge Replacement/Rehabilitation and Culvert/Bridge Rehabilitation subcategories. These subcategories aim to restore the structural integrity of bridges and culverts. Bridge /culvert repair work includes overlaying concrete decks; re-placing or resetting expansion joints; resetting bearing devices; repairing abutments, piers, or girders; and repairing damage from external sources. Currently, all projects within Culvert Repair (BCR) are state funded and selection is on an annual basis. Projects in the Bridge Repair (BSR) subcategory are funded either solely with state funds or when qualifying with a combination of federal and state funds. Like Culvert Repairs, Bridge Repair projects are selected on an annual basis. The work performed in projects in these subcategories assist KDOT in attainment of the federal bridge infrastructure performance targets. Those bridge repair projects funded with federal funding programmed after the development of this STIP document will be amended using the procedures in place.

To select bridge projects, each KDOT District, using the Bridge Management Engineer's recommended repair list, submits prioritized lists of candidate bridge and culvert projects to the Bureau of Construction and Materials and the Bureau of Design. Each candidate project is reviewed for the structure's condition history and latest inspection to confirm necessary repairs or replacement. Statewide lists are prioritized using such factors as maintenance effort, safety, traffic, and engineering judgment. These lists are then submitted to the Division of Program and Project Management for review to confirm that the candidate structures are not programmed for future work under any other KDOT program. The prioritized lists are then merged to create the yearly statewide repair list.

Bridge Painting (BSP)

Work performed in this subcategory is funded with state funds. Currently, project selection for Group A bridges is on an annual basis as need dictates and funding allows. KDOT districts are responsible for painting Group B bridges and work is performed as need dictates. Projects in this subcategory aid in reaching the federal bridge infrastructure targets.

There are approximately 800 bridge structures on the Kansas State Highway System that require periodic painting to slow corrosion of the structural steel. These structures contain nearly 242,000 tons of structural steel.

They are categorized into two groups:

Group A: Structures that have 10 tons or more of structural steel. The Bridge Management Engineer prioritizes these structures (approximately 760 bridges) according to the Bridge Inspection Manual's "Paint Condition Rating." The statewide prioritized list is then reviewed by the Division of Program and Project Management to verify that each candidate structure is not programmed for future work under any other KDOT program. Projects are scheduled in order of priority until available funds are exhausted.

Group B: Consists of structures that have less than 10 tons of structural steel. Statewide this number is approximately 40 bridges. The districts where these bridges are located are responsible for prioritizing and painting of these structures.

Bridge Replacement/ Rehabilitation (PBR)

The Bridge Replacement and Rehabilitation subcategory is designed to replace or rehabilitate sub-standard bridges. Sub-standard bridges are those in a deteriorated condition or with deficiencies in load-carrying capacity, width, or traffic service. Projects within this subcategory are funded with a combination of federal and state funds and aid in the attainment of the federal bridge infrastructure performance targets.

Bridge projects are selected using the Bridge Priority Formula (a schematic is provided on the following page), along with input from Bridge Design and District personnel. The formula was developed by KDOT and Woodward-Clyde Consultants in 1981 and has been revised since then to incorporate updated technology, policy direction, other available data and district/local input. Bridge conditions are determined using this formula and those bridge projects with higher relative ratings are moved to the top of the priority list to be addressed first within available funding and scheduling considerations.

Bridge Priority Formula		
(Attributes / Adjustment Factors)		
		Adjustment Factors
Attribute (Need Value)	Rel. Weight	AADT¹
Bridge Width (Driver Exposure Attribute)	0.222	0 to 1
Deck Condition	0.169	0 to 1
Structural Condition	0.359	0 to 1
Operating Rating	0.250	0 to 1
Sum of All Weights	1.00	
1 Average Annual Daily Traffic - The number of vehicles per day on a roadway segment averaged over one.		

Bridge Re-Deck and Culvert Rehabilitation (PDR & PCR)

The Bridge Re-deck subcategory addresses bridges where the bridge superstructure and substructure are in satisfactory condition, but the bridge deck is deteriorated to the point that a Bridge Repair type project is not adequate. The

Culvert Rehabilitation subcategory addresses culverts that are beyond the scope of a Culvert Repair project, but do not qualify as a Bridge Replacement / Rehabilitation project. Projects in these subcategories are funded either solely with state funds or when qualifying with a combination of federal and state funds and aid in the attainment of the federal bridge infrastructure performance targets.

Each District, using the Bridge Management Engineer’s recommended repair list, submits prioritized lists of candidate projects to the Bureau of Design. Each candidate project is reviewed for the structure’s condition history and latest inspection to confirm necessary repairs or replacement. Statewide lists are prioritized using such factors as maintenance effort, safety, traffic, and engineering judgment. The lists are submitted to the Division of Program and Project Management for review to confirm that each candidate structure is not programmed for future work under any other KDOT program. The prioritized lists are then merged to create the yearly statewide repair list that is programmed within the limits of available funding.

Contract Maintenance (CMN)

Maintenance activities are performed to offset the effects of weather, deterioration, traffic wear, damage, and vandalism. Eligible projects are those that KDOT is not adequately staffed or equipped to perform. Due to the diverse types of actions and/or geographic loca-

tion, contracting for the service is the most cost-effective approach for the agency. These projects are funded using state funds and aid in the attainment of the federal road infrastructure performance targets.

Selection is based on priority as seen from a statewide perspective. Basic criteria for contract maintenance projects are: 1) inability to perform necessary actions with existing maintenance forces; 2) ineligibility for other maintenance programs; 3) unforeseen (generally the result of weather or traffic conditions). Projects are selected on the basis of statewide need for corrective action, rather than selection based on a balanced distribution between districts. Projects will be programmed in each year within the limits of available funding.

Emergency Repair (EMR)

State funds are reserved annually for emergency repairs that occur as the result of accidents or weather-related disasters. Allocation of these funds is authorized by the State Transportation Engineer as events occur that warrant the need.

Interstate Basic Improvement and Non-Interstate Basic Improvement (RIP & IRP)

Interstate and Non-Interstate Basic Improvement projects involve pavement rehabilitation or replacement without the widening of shoulders, the addition of

passing or through lanes, or intersection/interchange improvements. Projects in the Non-Interstate Basic Improvement subcategory and the Interstate Basic Improvement subcategory are funded with a combination of federal and state funds.

The projects in these two subcategories are selected using the pavement condition-related attributes of the Non-Interstate and Interstate Priority Formulas along with input from district personnel. For additional discussion of the formulas, refer to the Modernization section of Project Selection Criteria. These two subcategories assist in attainment of both road and bridge infrastructure federal performance targets. (Bridge targets are aided because projects in these subcategories while driven by road conditions primarily, perform work on associated bridges in the given area.) Projects programmed in these subcategories after the development of this STIP document will be added using the amendment procedures in place.

Interstate Resurfacing (ISR)

Center-line miles of divided Interstate roadway are resurfaced or repaired annually through the Interstate Resurfacing set aside program. Input from the Pavement Management System is used to decide which sections of interstate are to be resurfaced. Resurfacing aids in maintaining road condition and as such helps in the attainment of the federal road infrastructure performance targets. Generally, projects in this subcategory are state

funded but occasionally projects qualify for federal funding and are programmed with a combination of federal and state funds.

Miscellaneous for Preservation (NHP)

This subcategory was established in SFY 2012. This subcategory is reserved for atypical preservation projects that occasionally arise. The scopes of work for projects in this subcategory do not fit into the standard preservation subcategories. However, the scope of work is preservation related with the desire to use preservation program funding. These projects are predominantly state funded and since these are non-routine projects, project selection is based upon need.

Non-Interstate Resurfacing (IRR)

Approximately 1,200 miles of two-lane non-Interstate pavement are resurfaced or repaired annually through this state set aside funded program. Since most of these projects are selected on an annual basis, projects for this group appear only in the first year of the STIP. The program's intent is to maintain non-Interstate pavements in adequate condition and keep rideability at an acceptable level. These projects are selected by using the Pavement Management System(PMS) along with input from district personnel. PMS is an integrated set of procedures that were developed by KDOT and Woodward-Clyde Consultants. It recommends pavement maintenance and rehabilitation strategies on both a network and a project level.

For KDOT as identified in the ELTP, preservation of our road system is a priority and as such a significant portion of the available 2021 funding is focused on this subcategory. Projects in this subcategory are funded with a combination of federal and state funds, except for projects that do not meet eligibility requirements for federal funding. These projects are then funded with state funds only. Federally funded projects in this subcategory that are programmed after the development of this STIP document will be amended using the procedures in place. Resurfacing aids in maintaining road condition and as such helps in the attainment of the federal road infrastructure performance targets.

Pavement Marking (PMR)

This subcategory was established in 1996 to address a then newly passed federal requirement for minimum retroreflectivity of pavement markings. Improvements in this category utilize high-performance, long-life pavement marking materials. Efforts are also made to identify those marking materials with wet weather retroreflectivity. This program is limited to projects that do not have high performance markings included under another KDOT program.

Projects are selected annually by the Bureau of Traffic Engineering staff based upon roadway traffic volumes, past performance of marking material, geometry, surface condition, surface type, crash history and, in the case of new

marking materials, the research benefit. Projects in this subcategory are generally funded with 100 percent Highway Safety Improvement Program (HSIP) federal funds and selected annually. PMR projects help to address the Strategic Highway Safety Plan (SHSP) goal of decreasing roadway departures and are referenced specifically in the SHSP, Appendix A. By helping to lower roadway departures, this subcategory of projects contributes to KDOT's effort to improve overall roadway safety and to meet the newly established federal safety performance measure targets. (For more information about performance measures refer to the performance measure narrative section of this document.)

Preservation Plus (PPP)

Preservation plus is a subcategory to provide a pool of funding for transfer to projects from other subcategories where gains in safety may be made with the additional funds. Projects are generally already planned projects where through the addition of funding a benefit in safety may be made at the location of the planned project. Generally, projects receiving this funding will be from the Preservation or Modernization programs, although all subcategories could be eligible if they meet the requirements of increasing safety. This subcategory aids in the attainment of KDOT's safety performance measures by adding varying types of safety measures to existing, planned projects.

Railroad Crossing Surfacing (RRS)

The Railroad Crossing Surfacing subcategory was established in SFY 2000 to address projects that are at-grade highway/railroad crossing approaches and surface upgrades. Eligible crossings are rural State Highway System Crossings and State Highway System City Connecting Link crossings in cities with populations up to 2,500.

Projects are selected from applications for crossing surface improvement projects submitted by railroad companies and KDOT district personnel. Project scopes include all necessary materials and activities required for long-term crossing surface and approach improvements. These projects are funded with 50 percent state and 50 percent railroad company funds. Project selection is usually on an annual basis and the projects achieved in this subcategory support improved roadway safety and aid in reaching the federal safety performance targets.

Signing (SOS)

Established in 1996, this subcategory addresses necessary sign replacements on the State Highway System in response to a then, new federal requirement for minimum retro reflectivity of signs. This program schedules sign replacements based upon highway route mileage statewide and the total mileage of all the routes in each of KDOT's six districts for that year. Excluded from this program are signs that are scheduled

for repair under other state projects in the same year. This program also excludes signs that were replaced within seven years of the scheduled date of the replacement project. If project selection occurs after the STIP preparation period, new projects will be amended to the STIP using the amendment procedures in place.

Projects are selected annually and are generally funded with 100 percent HSIP federal funds. The signing projects contribute to the SHSP goals of reduction in roadway departures and increased intersection safety and are referenced specifically in the SHSP, Appendix A. The SOS subcategory of projects contribute to increased overall roadway safety and help in KDOT's effort to meet the newly established federal safety performance measure targets.

Signing & Lighting Repair & Replacement (SLR)

This subcategory was created in SFY 2012 to address the need for signing and light structure maintenance across the state. The projects in this set aside are funded 100% with state funds. Currently, there are approximately 2,270 signing/lighting structures under KDOT's responsibility. The role of this program is to enable KDOT to monitor and prioritize the maintenance of these structures.

Structure inspections are performed every four years with the most

recent inspections were begun in SFY 2019 and are anticipated to complete in SFY 2022. The next 2-year inspection cycle is anticipated to begin in SFY 2024. Based on the observations made during the inspection, ratings are assigned to each structure. Using this information, the Signing & Lighting Engineer then compiles the ratings and prepares a prioritized list recommending structures for replacement or repair. Projects are programmed from this list using the available set aside funds to the extent the allotted funds allow. By aiding intersection safety, projects in this subcategory contribute to KDOT's effort to improve overall roadway safety in Kansas and to meeting the federal safety performance measure targets.

State Route Removal (SRR)

The State Route Removal (SRR) subcategory was established in SFY 2013 as a mechanism for the transfer of short state routes to the Local Public Authority (LPA). Routes under consideration for transfer function more in the manner of local roads and are a better fit under the LPA jurisdiction. The transfer results in state route reduction, thereby reducing state maintenance costs. Candidates for the SRR program include stub routes, spur routes and business routes.

Projects are selected based on coordination with LPA's that elect to participate in the set aside program. LPA's accept the route transfer in existing con-

dition and in return receive a lump sum payment funded with state funds. The payment amount is determined based on a per center route mile cost and is intended to offset future maintenance costs. Participation in the program is at the discretion of the LPA's. Routes are selected based on order of submittal and the availability of funds in conjunction with the approval of the Director of Operations.

— MODERNIZATION —
**(Improving safety & existing
roadways & structures)**

The Modernization program category is the second major component of the ELTP and addresses the 2020-2045 LRTP goals of Safety and Security and Transportation System Management. Projects in this program category aim to improve existing roadways and enhance safety by flattening hills, adding shoulders, straightening curves and improving intersections. Under the ELTP a combination of engineering factors and regional priorities were applied to select projects for this program category. As well as supporting the goals and objectives of the 2020-2045 LRTP, projects in the Modernization program improve overall roadway condition contributing to KDOT's attainment of their newly established federal safety performance and road and bridge infrastructure condition targets.

Fourteen Modernization projects were announced in June 2020 and ten more were announced in December 2021

for the ELTP. The projects were authorized for the preliminary engineering (PE) work phase only and are design development pipeline projects not currently authorized for construction. In summer 2021, some of the modernization projects in the development pipeline were selected and advanced to construction and more selections for construction are expected in summer 2022. Projects are selected based on need, local support, and available funding. There is not a specified list of Modernization projects to be constructed during the ELTP and the number of Modernization projects that go forward will vary from year to year.

The subcategories included in this program are: ****New**** Clear Zone Safety (CLZ), Corridor Management (COR), General Safety Improvements (GSI), Guardrail Improvements (GFU), Highway Lighting (LTG), Innovative Connected Technologies (ICT), Interstate Roadway Geometric Improvements (IRE), Non-Interstate Roadway Geometric Improvements (RIM), Resurfacing with Improvements-Practical Design (IRS), KCC Railroad Crossing Projects (KCC), Miscellaneous for Modernization (MPR), Scenic Byway (SBW), State Safety Projects (SAF), and the Strategic Safety Improvement Program (SSI).

**Clear Zone Safety
(CLZ)**

This subcategory was established in state fiscal year (SFY) 2021 to address narrow state routes with inadequate right

of way to expand the roadway and provide adequate shoulders. Improvements in this subcategory are limited to segments where right of way acquisition is necessary. Eligible safety improvements include widening roadbeds and in turn, pavement widths, adding shoulders, flattening foreslopes, extending structures, and other clear zone related improvements.

Annually, the Bureau of Transportation Safety (BTS) provides a candidate map for KDOT districts to consider for possible corridor improvements. The map identifies corridor segments with narrow pavement, lack of right of way, narrow or no shoulders, steep foreslopes, a level of service of safety (LOSS) of IV, and D and E route classifications. Annually districts should submit projects to BTS who conducts the project evaluations and selection. Project submittals should consider LOSS, unprotectable features, clear zone obstructions, right of way needs, utilities, grading, preliminary engineering, structures, shouldering materials, and geometric concerns. Though geometric concerns may be addressed, they are not the primary focus of this program. Project submittals are accompanied by a preliminary cost estimate. Call for projects will take place in late November or early December to align with the district 1R project annual project selections.

Projects in this subcategory are funded through state funds. These projects help to address the Strategic Highway Safety Plan (SHSP) goal of

decreasing roadway departure crashes. By helping to lower roadway departures, this subcategory contributes to KDOT's effort to improve overall roadway safety and to meet federal safety performance measure targets.

Corridor Management (COR)

The Corridor Management set aside program was created to address the growing need for KDOT, cities, and counties to jointly manage transportation corridors, particularly in high growth developing areas. To be eligible for these funds, a location must be designated as a planned corridor or area in a District Access Management Plan, have prepared a KDOT-approved planning instrument, and when appropriate, executed an inner-local cooperation agreement. Exceptions are made carefully and on-a- case-by-case basis. Projects in this subcategory help the State of Kansas in attaining their safety performance measure targets.

Projects are solicited on a rolling basis with KDOT's participation typically being limited to the construction phase; however, in some special cases, Corridor Management funds may be used for advance right-of-way acquisition. Additionally, projects funded under the Corridor Management set aside program have a per-project maximum of \$2 M.

General Safety Improvements (GSI)

This subcategory was established for general safety improvements at vari-

ous individual locations across the state. The goal of this subcategory through a combination of safety analysis and prediction along with KDOT personnel input is to identify and address individual locations throughout the state such as curves, intersections, or short tangent sections with a documented crash history. Additionally, this subcategory is intended to address locations that demonstrate potential safety issues that are not currently being addressed by other KDOT programs or subcategories.

Selected projects may include (though are not limited to) signing improvements, intersection improvements, shoulder improvements, and high-friction surface treatments that provide cost effective solutions to reducing crashes at identified locations. In general, funding for this subcategory is with the HSIP federal safety funds at a 90 percent federal and 10 percent state funding pro rata for most projects, except for certain safety improvements as listed in 23 U.S.C. 120 (c) which are eligible for 100 percent federal safety funding.

Projects in this subcategory are developed as the opportunity arises and are programmed intermittently. These projects when undertaken often contribute to the SHSP goals of reduction in roadway departures and/ or increased intersection safety and are referenced specifically in the SHSP, Appendix A. The GSI subcategory of projects contribute to increased overall roadway safety and help in KDOT's effort to meet the newly established federal safety performance

measure targets.

Guardrail Improvements (GFU)

This subcategory was re-established in FY 2020, for the purpose of addressing blunt end guardrail removal or replacement on the National Highway System (NHS) in Kansas. Blunt end guardrails on the NHS are anticipated to be removed or replaced over a period of six years. Generally, projects will be funded with federal funds and will contribute to increased overall roadway safety and help KDOT's effort to meet their established federal safety performance measure targets.

Highway Lighting (LTG)

Lighting is beneficial to the safety and operation of the highway system and is the focus of this subcategory created in FY 2000. The Bureau of Traffic Engineering using the engineering factors of the roadway's volume, nighttime crash history along with the existing regional priorities in the area of the proposed project to make project selections. To receive funding projects selected for this program may not be included under another KDOT program.

Projects are selected on an annual basis and usually funded with 100 percent HSIP federal funds. Lighting projects help to address the Strategic Highway Safety Plan (SHSP) goal of improving intersection safety and are referenced

specifically in the SHSP. By aiding intersection safety, projects in this subcategory contribute to KDOT's effort to improve overall roadway safety in Kansas and to meeting the newly established federal safety performance measure targets.

At some locations in the state, lighting is installed by the LPA after obtaining a highway permit. In general, when the LPA elects to install lighting, the LPA is responsible for the cost of installation, maintenance, and operation.

Innovative Connected Technologies (ICT)

Innovative Connected Technologies (ICT) is a forward-looking subcategory created for the study, evaluation and integration of newly emerging technologies that affect or will affect Kansas roadways in the future. Projects in this subcategory will be varied with most selections focused on the modernization of the State Highway System (SHS) for the adaptation of the system to the vehicles traveling on them.

Part of the SHS adaptation will be accomplished through projects that deploy Connected Vehicle Infrastructure (CVI) along our State Highway System. CVI prepares roadways for deployment of technologies like Vehicle-to-X (V2X) that allow vehicles to communicate with their surroundings and the Internet of Things (IoT) that allow for the internet connectivity capabilities of objects like roads, traffic signals, and signs. This in-

terconnectivity will allow these objects to interact with other connected devices. Other projects in this subcategory will be research oriented for the evaluation of current and future technologies to assess integration, capabilities, and limitations. These research projects may be performed in-house, be awarded to consultants or be projects managed and developed by University staff depending on which choice is the best fit to meet the needs and scope of the project.

Funding for this program is currently with state funds and \$3M per year has been designated in the ELTP to be available for projects in this subcategory. The first round of project selections was made in SFY 2021 and the next round of applications for project considerations will be in summer 2021 for SFY 2022 project selections.

As this program subcategory continues to evolve it is anticipated that there will be multiple funding sources that may include federal, state, local and even private sources. Additionally, where appropriate, funds from this subcategory may be applied jointly with another subcategory where the goals of both align and cost benefits are attained by the combined scope. Since this is a new subcategory, immediate impact of the projects from this subcategory on performance measures will be limited. However, future projects from this subcategory should contribute to KDOT's effort to improve overall roadway safety and to improve roads and bridges in Kansas contributing to KDOT's attainment

of the newly established federal safety performance measure targets and infrastructure targets for roads and bridges.

**Interstate Roadway Geometric
Improvements/ Non-Interstate
Roadway Geometric Improvements
(RIM, IRI)**

Interstate and Non-Interstate Roadway Geometric Improvements projects are major highway improvements that, in addition to pavement rehabilitation or replacement, include wider shoulders or intersection improvements but do not include passing or through lanes or interchanges. Projects within these subcategories are usually funded with a combination of federal and state funds. The work accomplished in the projects from this subcategory impact KDOT's attainment both safety and road and bridge infrastructure performance targets.

Roadway projects are selected using the Non-Interstate and Interstate Priority Formulas, which supply the engineering factors, along with regional priorities in the area of the proposed projects as determined through local consult meetings. The formulas used for the engineering factors were developed by KDOT and Woodward-Clyde Consultants in 1981 and have been modified since to incorporate updated technology, policy direction, and available data. (Schematics of the formulas are on the following page.) The formula combines road attributes with weighting factors and adjustment factors to determine a

needs-based score for each section of pavement evaluated. A high score in this evaluation is a factor that contributes to a section of pavement being selected for pavement rehabilitation or replacement. Projects for construction from these subcategories will be selected from the development pipeline and announced as selected.

**KCC Railroad Crossing
(KCC)**

Prior to 1999, this program was administered by the Kansas Corporation Commission (KCC), since then KDOT has managed the program. This is a state funded program supplemented with railroad company funds. Eligible crossings in this program are crossings that do not meet the federal funded program eligibility requirements, but if updated, would improve safety and as such help in attainment of the safety performance target. To be considered for this program, LPAs must submit potential crossings for funding. Projects are programmed in the order requests are made.

**Miscellaneous for Modernization
(MPR)**

This subcategory is reserved for atypical modernization projects that occasionally arise. The scopes of work for projects in this subcategory do not fit into the standard modernization subcategories. However, the scope of work is related to the modernization program and the desire is to reflect this by using the modernization program funding. These projects are predominantly state funded

Non-Interstate Priority Formula (Attributes /Adjustment Factors)										
		Adjustment Factors								
		Accident Rate (See below)	Posted Speed (See below)	Facility Type		Shoulder Type		Route Class (See below)	AADT¹ (See below)	
Attribute (Need Value)	Relative Weight	*	*	Divided	Undivided	Stabilized	Unstabilized	*	*	
Driver Exposure Attributes	No. Of Narrow Structures Per Mile	0.086	0 to 1	0 to 1					0 to 1	0 to 1
	Shoulder Width	0.089	0 to 1	0 to 1	0.54	1.0	.0607	1.0	0 to 1	0 to 1
	No. Of SSSD ² Per Mile	0.069	0 to 1	0 to 1					0 to 1	0 to 1
	Lane Width	0.101	0 to 1	0 to 1	0.5	1.0			0 to 1	0 to 1
	No. Of SHC ³ Per Mile	0.099	0 to 1	0 to 1					0 to 1	0 to 1
	Volume/ Capacity (Maximum Default Value = 1.15)	0.091							0 to 1	0 to 1
	Commercial Traffic (Maximum Default Value = 725)	0.065			.0376	1.0	0.519	1	0 to 1	0 to 1
	Rideability	0.088							0 to 1	0 to 1
	Pavement Structural Evaluation (PSE)	0.208							0 to 1	0 to 1
	Observed Condition	0.104							0 to 1	0 to 1
Sum of All Weights		1.00								

* Non-Interstate Priority Formula (Adjustment Factors)							
Accident Rate	Adjustment Factor	Posted Speed	Adjustment Factor	Route Class	Adjustment Factor	Capacity –Adjusted AADT⁴	Adjustment Factor
High	1.0	≥55 MPH	1.0	A	1.0	20,000	1.0
Medium	0.858			B	0.9	10,000	0.925
Low	0.734	≤55 MPH	Varies from	C	0.7	6,000	0.895
			0 to 1	D	0.5	2,000	0.865
				E	0.3	0	0.850

Interstate Priority Formula (Attributes / Adjustment Factors)							
		Adjustment Factors					
		Facility Type		Shoulder Type		Route Class (See below)	AADT¹ (See below)
Attribute (Need Value)	Relative Weight	Divided	Undivided	Stabilized	Unstabilized		
Commercial Traffic	0.140	0.376	1.0	0.519	1.0	0 to 1	0 to 1
Rideability	0.189					0 to 1	0 to 1
Pavement Structural Evaluation (PSE)	0.447					0 to 1	0 to 1
Observed Condition	0.224					0 to 1	0 to 1
Sum of All Weights		1.00					

¹ **Average Annual Daily Traffic-** The number of vehicles per day on a road -way segment averaged over one year.

and since the projects are non-routine in nature, they are programmed on a need only basis. Projects from this group aid in reaching the safety performance measure targets.

Resurfacing with Improvements (IRS)

Resurfacing with Improvements projects are pavement rehabilitation projects with modest shoulder improvements using practical improvement principles. These projects are evaluated and selected at the same time as the Preservation Non-Interstate Resurfacing (1RR) projects and like those projects, selections are on an annual basis. Since these projects are selected on a yearly basis, the projects in this group are only in the first year of the STIP.

This group is an extension of the 1RR group of projects (described above). The 1RR list developed from the PMS system is further analyzed by KDOT personnel and from the analysis projects are identified as candidates for minor shoulder enhancements and resurfacing. These projects become the IRS projects for the year and like the 1RR project selection, the number of projects programmed from one year to the next fluctuates. Currently, projects within this subcategory are programmed on a need basis. Projects that qualify will be funded with a combination of state and federal funds while those that do not will be funded with state funds. Projects in this subcategory help the State of Kansas move towards the recently established road infrastructure and safety

performance measure targets.

Safety (SAF)

This subcategory provides for improvement of intersections or spot locations where major improvement is not required. The addition of turn lanes traffic signals, roundabouts, pavement resurfacing, signing, and pavement marking provide cost effective solutions to reducing crashes at eligible locations. Most of the projects in this subcategory are for improvements along the Kansas State Highway System in areas either within communities or in rural locations.

The Bureau of Traffic Engineering (BTE) identifies possible projects by conducting studies on the physical and operational characteristics of high-crash locations. Identified, projects are ranked in descending order by average annual net return and priority is given to the project with the highest average annual net return and with overlapping regional priority.

Generally, funding is expected to continue to be used for high crash locations identified by the Bureau of Traffic Engineering. Whenever feasible safety projects will be combined with existing projects already selected where adding a safety feature like turn lanes to the existing project is practical. In this way, the limited safety funds are stretched and used as efficiently as possible. Currently, projects in this subcategory are usually state funded. However, occasionally projects are eligible for federal HSIP funding. Safety projects in-

cluded in this subcategory assist KDOT in meeting their newly established federal safety performance measure targets.

Strategic Safety Improvement Program (SSI)

Newly created in state fiscal year 2020 and continued in the ELTP, this program focuses on a variety of projects that when addressed, enhance safety in a strategic and cost-effective manner. This subcategory differs from the safety subcategory in that the projects selected can be larger in scale and include all regions of the state, both, urban and rural. Possible projects would address a variety of improvements including shoulder widening, the addition of turning lanes and larger scale intersection improvements such as roundabouts. The ELTP has designated that \$10M per year be applied to projects in this subcategory with the intent that the subcategory provides an additional flexible source for response to safety needs throughout the state.

Projects in this subcategory, when eligible, may be funded with HSIP federal funding and state funding. Projects that do not qualify for HSIP federal funds will be funded with state funds only or with a combination of state and local funds. Safety projects included in this subcategory assist KDOT in meeting their newly established federal safety performance measure targets.

Scenic Byways (SBW)

Currently, in Kansas there are twelve designated byways- nine scenic, two of which are National Scenic Byways and three historic byways. These Byways were established and developed through a grant from FHWA's Scenic /Historic Byways program.

Under Map-21 most of the Scenic/Historic Highway program was eliminated from eligibility for federal funding with only a few specified activities like construction of turnouts, overlooks or viewing areas still qualifying for federal funding. As a result of the change in federal support for this program, KDOT has turned over administration of the Kansas Byways program to the Kansas Department of Wildlife, Parks and Tourism (KDWP&T). Decisions regarding this program including new projects and funding levels now reside with KDWP&T. KDOT cooperates with KDWP&T in matters concerning the scenic byways and participates in funding maintenance of the existing scenic byways for items like kiosk repair and update and informational signage repair and update.

— EXPANSION — (Adding something new)

The third program category of projects is Expansion. Under the ELTP a combination of engineering factors, economic impact, and regional priorities are applied to select projects in this program category. Projects in this program add

new lanes or interchanges, enhance driving by relieving congestion and improving access, enhance economic development, increase job growth and retention, and substantially improve safety. With such a broad and encompassing role, this program impacts several of the goals and objectives of the 2020-2045 LRTP, with projects from this program contributing to one or several of the LRTP goals and objectives of Safety & Security, Transportation System Enhancement, Freight & Economic Vitality and Stewardship. Projects in this program support KDOT's performance measures related to safety and road and bridge infrastructure.

The first ELTP project selection announced in June 2020 included 26 projects from the Expansion category and a second announcement of 10 projects was made in December 2021. Currently, most of these projects are part of the design pipeline and authorized for the PE work phase only. However, a few projects were advanced to construction from this development pool in Summer 2021 and are approved for construction with all phases of work PE, right-of-way acquisition, utility relocations and construction approved. In Summer 2022, additional selections for construction from the design pipeline pool of projects are anticipated to be announced for construction. Projects will be selected based on need, local support and available funding. Unlike previous transportation programs, there is not a specified list of Expansion projects to be constructed during the ELTP and the number of Expansion projects that go forward will vary from year

to year. This approach allows the state to remain flexible and responsive to shifting transportation needs and changes in the economic environment.

Projects in the program are grouped into the following subcategories: Advanced Acquisition of ROW (AAR), Cost Share Program (CSP), Economic Development (EDP), Interstate Capacity Improvement (IRC), Intelligent Transportation Systems (ITS), and Non-Interstate Capacity Improvement (RIC).

Advanced Acquisition of ROW (AAR)

Advanced Acquisition of ROW projects are the use of State of Kansas funds to acquire ROW for highways planned to be converted to urban free-ways. There are several benefits from AAR projects:

- 1) Reduces acquisition and transportation infrastructure cost by purchasing before development takes place,
- 2) Reduces delay in roadway projects and disruption to communities,
- 3) Promotes orderly urban growth,
- 4) Creates good will and support for KDOT from communities,
- 5) Promotes voluntary transactions, thus reducing eminent domain costs (monetary and public relations),
- 6) Alleviates hardship to property owners and local governments by addressing the uncertainty about the

impact of proposed long-range projects on the owner's ability to sell or develop property.

Projects are generally funded with a combination of State and local funds with KDOT currently requiring a one-third match from local communities wishing to use AAR funds to acquire properties. However, a reduced match may be negotiated for communities without the resources to pay the full one-third match or when communities are able to demonstrate that the acquisition has limited benefit to the community. Projects from this subcategory are developed on a need basis often in response to proposed private developments.

Cost Share Program (CSP)

The Cost Share program is a new program developed in 2020 that is continuing in the ELTP whose purpose is to increase job growth and retention in the state. There is broad eligibility within this program within scope and mode. Possible projects may address an important transportation need like safety, access improvement, congestion relief, and/or improvement of a current roadway condition. Likewise, projects in this program are not limited to roadway improvements only. This is a multimodal program that accepts projects from all modes including on or off the state roadway system, rail, airports, public transit and bicycle/pedestrian projects. Since this is a multi-modal program not all of the projects achieved under this subcategory will be included in

the STIP index of projects. Only those projects related to roadways and bridges are captured. Projects related to other modes will be reported under their respective reporting mechanisms.

Through this program KDOT will provide financial assistance to local entities for construction projects that improve safety through the leveraging of state funds to increase the total transportation investment and aid improvement of the transportation system in both rural and urban areas throughout the state. Eligible projects will include investments that provide transportation benefits and are not eligible for other KDOT programs. A minimum of 15% non-state cash match is required for a project to be considered. Generally, projects will be administered by Local Public Authorities (LPA), although non-governmental projects will be considered, and projects will be funded with a combination of local and state funds or private and state funds or a combination of all three. For program details, see the KDOT website <https://www.ksdot.org/Assets/wwwksdotorg/LocalConsult/Cost%20ShareSummary081419.pdf>

Economic Development (EDP)

Economic development projects are projects that help spur financial growth. A key priority identified in the LRTP and in the recent local consult meetings is the continuing need for the ELTP and the projects within to be linked to the state's economic priorities. While

it is a focus for all programs to reflect the state economic priorities, this subcategory is designed to aid specific projects that will assist communities in spurring financial growth in their areas. In evaluating the potential impact of proposed economic development projects, KDOT utilizes a scoring system that looks at economic impact, cost per job ratio and benefits to the Kansas economy. In addition to scoring well, desirable projects are those that align with regional priorities of an area, have the recommendation of KDOT staff and the endorsement of external partners.

To increase flexibility during the 10-year period of the ELTP and beyond, proposed economic development projects will be reviewed and selected on an ongoing basis. In this way, a source of funding will be available as desirable opportunities arise. Generally, these projects are funded using a combination of state and local funding.

Interstate Capacity Improvement & Non-Interstate Capacity Improvement (RIC & IRC)

Interstate and Non-Interstate Capacity Improvement projects are major highway improvements that include passing or additional through lanes or interchanges in addition to pavement rehabilitation or replacement and geometric improvements. Projects in these categories are selected using the updated project selection process launched by KDOT in the previous program, T-WORKS, and con-

tinued in the ELTP and discussed previously. The work accomplished in the projects from this subcategory impact KDOT's attainment of the safety, road and bridge infrastructure performance targets.

Given the scope of projects and significant capital required for projects in the RIC & IRC subcategories, projects are usually funded using a combination of federal and state funds. Projects from these subcategories will be generated from the development pipeline. Project selections will be made on a need basis as revenues allow with preference given to those projects that have local support. There is not a specified list of Expansion projects to be constructed during the ELTP and the number of RIC/IRC projects that go forward will vary from year to year. As projects progress through the development pipeline from initial design, to right of acquisition, utilities, final design and eventually some projects to construction, the approved phases of work will be amended to the STIP using the amendment process in place.

Intelligent Transportation Systems (ITS)

The Intelligent Transportation Systems (ITS) program was established to meet the funding needs of ITS/ technology-related projects in Kansas. The funding is available to apply technology such as advanced sensor, computer, electronics, and communications and management strategies to increase the safety and efficiency of the transportation system. As

such, the projects develop under this subcategory assist KDOT in reaching their safety performance targets. The funding is available to both state and local agencies and is not necessarily limited to agencies that are transportation oriented. ITS applications are widespread with applicants from urban areas, rural areas, transit, and commercial vehicle operations and funding consideration is given to all areas.

The Bureau of Intelligent Transportation Systems, along with the ITS Steering Committee, establishes project rankings based upon:

- 1) project support and integration risks;
- 2) telecommunication considerations;
- 3) design considerations and factors of success;
- 4) funding sources and evaluation consideration;
- 5) cost effectiveness and benefits;
- 6) local funding match percentage;
- 7) economic impact of project;
- 8) commonality with regional priorities in the area of the proposed project.

Projects are solicited annually and selected based upon the criteria outlined above. ITS projects are usually funded with a combination of state and local funds.

— LOCAL CONSTRUCTION —
(City and county road improvements)

Local Construction is the fourth

program category in the ELTP and projects primarily involve improvements on city or county roads with a few projects focused on safety. As discussed previously, most of the project selections in this program are at the discretion of LPAs and are selected based on the criteria they have in place. The work in this program is varied in nature with some projects focused on maintaining existing roadways with preservation as the focus, while others are smaller, expansion-type projects and finally a few are oriented towards improving roadway safety. A small portion of the projects within this program are safety related and are selected by KDOT. With the primary focus on local roads, the majority of projects in this program address the 2020-2045 LRTP goal of Stewardship. While the few safety related projects in the program address the Safety & Security goal of the 2020-2045 LRTP.

Most of the work completed in this program does not contribute towards attainment of the federal performance measures and targets as the focus is predominantly on local (non-NHS roadways). The exceptions are the federal safety projects covered by the HAZ and HES subcategories, the High-Risk Rural Road projects which are part of the RES subcategory and the Railroad/Highway Crossing Protection projects managed under the RXR and RRX subcategories. These subcategories and the projects within assist KDOT in reaching the federal safety performance safety targets. While the remaining subcategories within this program do not aid in meeting the

federal performance targets, the work encompassed is vital to maintaining the roadways and bridges throughout the State in a safer condition and better state of repair and are therefore of great benefit. The funding within this program of projects like the project themselves is also varied, coming from a combination of state and/or local and/or federal sources.

Like the other programs already described, the Local Construction program is grouped into subcategories of similar work type. The subcategories are: HSIP Safety Projects-off system (HAZ), HSIP Safety Projects-on system (HES), KLINK-Surface Preservation (K1R), KLINK Pavement Restoration (K2R), KLINK Geometric Improvements (K3R), Local Bridge Transfer (LBT), Local Fund Transfer (LFT), Local Administered projects (LOC), KDOT Administered projects (RES), HSIP Railroad Crossing Protection-on system (RRX), HSIP Railroad Crossing Protection-off system (RXR), Safe Routes to Schools projects (SRT) and Transportation Enhancement (TEX) projects. These subcategories are described in more detail on the following pages.

City Connecting Link Improvement Program (CCLIP)

KLINK- Surface Preservation, Pavement Restoration and Geometric Improvement (K1R, K2R, K3R)

The City Connecting Link Improvement Program (CCLIP) provides funds for the repair or improvement of any route of the State Highway System located within the corporate limits of a

city. All city connecting links except those on the Interstate System or on fully controlled access sections of the Freeway system are eligible to participate in this program. The CCLIP program is comprised of three subcategories each addressing specific types of work.

The first of these subcategories is the KLINK Surface Preservation program (K1R) which focuses on the preservation and or improvement of the driving surface of City Connecting Links on the State Highway System. Projects in this subcategory focus on overlaying, pavement patching, sealing or other surface type maintenance work. Additional work like, bridge improvements, curb and gutter repair or replacement, drainage improvements, construction or improvement of sidewalks beyond the ADA ramps, or geometric improvements may be included in a project but shall not be eligible for program funding. Projects in this subcategory are funded with a combination of state and city funds with only the construction and construction engineering phases eligible for State participation. The maximum State participation for a project in this subcategory is set at \$300,000. The city required match is determined based upon population.

The second subcategory in the program is the newly created KLINK Pavement Restoration (K2R). The goal of this subcategory is to address deficiencies in road surface that are extensive or severe in nature that require measures and funding that exceed the scope of the K1R subcategory. Projects within this group may

involve a full- depth pavement replacement or extensive rehabilitation. Other related qualifying work includes curb and gutter replacements or repair and storm sewer repairs to list just a few. In general, projects in this subcategory focus on the restoration of the roadway condition without modification. Projects may be funded with a combination of city, state and federal funding with federal funding utilized in the construction and construction engineering phases only. The maximum State participation for a pavement restoration project is set at \$1,000,000 and city matching share is determined by population.

KLINK Geometric Improvement (K3R) is the third and final subcategory in the CCLIP program. Projects in this subcategory are intended to address safety and capacity issues of a roadway. Typical projects include, but are not limited to, intersection improvements, addition or extension of turn lanes, lane widening, and sight distance improvements. Projects may be funded with a combination of city, state and federal funding with federal funding utilized in the construction and construction engineering phases only. Like the K2R subcategory, the maximum State participation is set at \$1,000,000 per project and city matching share is determined by population.

KDOT's Bureau of Local Projects (BLP) solicits projects for the CCLIP program from eligible cities. Projects are evaluated (including a site visit to each proposed project site); selections are

made; and projects are then programmed. Depending on the timing of project selections, projects programmed will be in the STIP project listings (Appendixes A-C) or will be added to the STIP document through the amendment process. For more information about this program contact the KDOT Bureau of Local Projects at 785-296-3861. Or visit KDOT's BLP webpage at <https://www.ksdot.org/bureaus/bur-LocalProj/default.asp>.

Federal Safety Projects (HAZ & HES)

These federal-aid projects provide safety improvements on all federal-aid systems. The construction and construction engineering costs of projects in these two subcategories are generally funded with federal safety (HSIP) funds at a 90 percent federal pro rata with 10 percent local or state matching funds, except for certain safety improvements as listed in

23 U.S.C. 120 (c) which are eligible for 100 percent federal funding. Most of the safety funding is administered by the Bureau of Transportation Safety (BTS) while the Bureau of Traffic Engineering (BTE) is responsible for project selection and management of projects in communities with a population of 5,000 or greater. The Bureau of Local Projects administers safety projects on county roads and in cities with a population under 5,000. By contributing to the reduction in road-way departures and intersection safety, both subcategories are part of KDOT's effort

to improve overall roadway safety in Kansas and are referenced specifically in the Strategic Highway Safety Plan (SHSP), Appendix A. Jointly these two subcategories help to meet the newly established federal safety performance measure targets.

For projects managed by the BTE, cities are requested to submit four high-crash locations on federal-aid routes within their areas every two years. High-crash locations are those that have 10 or more crashes in a 3-year period. Along with the high-crash locations, cities must also submit their scope of improvement and all necessary supporting data like crash reports and volume counts.

To select projects from the requests received KDOT evaluates the submittals using the following criterion:

- 1) Verify crash history meets minimum requirement- submittals that do not meet the requirement are placed on hold.
- 2) Crash analysis is performed to determine if the proposed scope will effectively address the existing crash pattern. The scope may be modified if the crash pattern data indicates change is warranted. Also, in this step a crash rate and equivalent-property-damage-only accident (EPDO) rate are developed. These ratings are used as tools to rank and prioritize the project submittals received.
- 3) A benefit cost ratio is developed

for each project that proceeds from step 1. Benefit cost is a function of reduction factors and crash costs. Benefit cost is another tool used to rank and prioritize projects.

Project submittals are then ranked based upon the crash rates, EPDO rates, and benefit cost analysis information. Selections are generally made based upon a combination of project ranking and engineering judgment and projects are selected until the available funding is exhausted. Projects selected in this subcategory may be financed with federal and local and/or state funds. However, since 2008 there has been a sharp decline in LPA interest and requests for projects given the economic downturn. As a result, when available funding exceeds the number of submittals received, KDOT utilizes the remaining funding in the following ways:

- 1) By pursuing locations KDOT has identified as needing improvement and then providing a state match to the federal funding
- 2) By adding more funding to selected projects as appropriate
- 3) By reevaluating submitted projects with less than 10 crashes in a 3-year period to determine if the crash numbers have increased to the minimum requirement since the last evaluation.

For locations on county roads and other roadways that are administered in KDOT by the BLP, projects are selected

by LPAs and are submitted to the BLP and the Federal Highway Administration for review and approval. These projects are financed with federal and local funds.

Local Bridge Improvements (LBT)

The Kansas Local Bridge Improvement Program (KLBIP) was initiated in 2014 and provides funds to local public authorities (LPA) for the rehabilitation or replacement of deficient locally owned bridges. The focus of this program is to reduce the number of deficient bridges in the state in a cost-effective manner. This program targets bridges with span length of 50 feet or less, which comprise more than half of all deficient bridges in the state. Eligible bridges are on very low-volume roads, have a span of 50 feet or less and shall be classified as structurally deficient or functionally obsolete. Longer bridges or bridges on higher volume roads are, also, eligible, but are limited to the same state funding amounts. At origination, this program was funded for only the initial year.

However, funding was then revived in SFY 20 and will continue in the ELTP program so more rural bridges may continue to be addressed. The goal of projects in this subcategory is to increase the state of repair of rural bridges across the State of Kansas. In the ELTP, \$5M of funding per year of the ten-year program is available to address these bridges. The maximum state participation per individual project is \$150,000, unless the LPA

agrees to close and remove a second deficient bridge on their system, then the maximum state dollars is increased to \$200,000.

The program is competitive with projects selected through an application process with a call for applications planned the summer of 2021. Once a project is selected for funding, KDOT and the LPA will enter into an agreement for the project. All project development and administration are the responsibility of the LPA. Projects must be let to contract. After project selections are announced and funding is awarded, the LPA must advance the project through letting within 24 months. For more information about this program contact the KDOT Bureau of Local Projects at 785-296-3861. Or visit KDOT's BLP webpage at <https://www.ksdot.org/bureaus/bur-LocalProj/default.asp>.

Local Construction Locally and State Administered (LOC, RES, LFT)

The projects in these subcategories are varied and may have elements of each of the three state programs-preservation, modernization, and expansion, but all are performed on city and county roads. Local construction projects are divided into three subcategories: LOC, for those projects administered by the LPA with federal funding; RES, for those projects with federal funding administered by KDOT on behalf of the LPA and LFT for those projects developed without federal funding using instead the Federal Fund Ex-

change Program where the LPA has exchanged federal dollars for state dollars to administer local transportation projects.

To qualify for LOC subcategory funding and the administration of their own federally funded non-National Highway System (Non-NHS) projects, LPAs must first meet minimum requirements established by FHWA and KDOT. These requirements are intended to ensure that projects are developed in accordance with all applicable laws, regulations, criteria, and accepted engineering practices.

KDOT administered projects, which are grouped into subcategory RES, are similar in nature to locally administered projects with the key difference being that the State lets the project to construction and oversees the work on behalf of the LPAs. Local construction projects in the LOC and RES subcategories are funded with a combination of federal and local funding with a usual funding ratio of 80 percent federal funds and 20 percent local funds. Since the LOC and RES subcategory of projects are federally funded, these projects are listed in the STIP or in the applicable TIP when an MPO area is involved.

Projects in the third subcategory, LFT, are funded with local and state funds, with the state funds coming from an exchange of LPA federal obligation for the state funds. While the LFT subcategory is included in this discussion, the subcategory is not part of KDOT's Local Construction program and does not use federal funds. As a result, LFT projects

are not included in the STIP. A discussion of the LFT subcategory projects is included in this narrative to explain the decrease in the number of RES and LOC projects undertaken and the corresponding decrease in LPA projects present in the STIP. Most LPAs have elected to use the LFT program to fund the repairs on city and county roads. For more information concerning the Federal Fund Exchange Program, refer to the Program Finance section of this narrative or contact the Bureau of Local Projects, contact information provided at beginning of this section.

Also, included in this program is a subset of projects funded with HSIP funding for High Risk Rural Roads (HRRR). Under past federal transportation acts, funds for high-risk rural roads were reserved for these roads but this funding was not continued in the FAST Act and is expected to be treated similarly in the next program as well. However, safety on Kansas rural roads is a concern that KDOT elects to continue to address these roads. HRRRe funds are intended for roads with a history of crashes higher than the statewide average. Projects are intended to address roadway departures and intersection safety and are generally funded with HSIP funds at a 90% federal share and a 10 % local share, although the funding pro rata may vary. These projects are referenced specifically in the Strategic Highway Safety Plan (SHSP) Local Roads section (<https://www.ksdot.org/Assets/wwwksdotorg/bureaus/burTrafficSaf/reports/reportspdf/SHSP2020.pdf>).

The high-risk rural road projects contribute to KDOT's effort to improve overall roadway safety in Kansas and aid in KDOT's efforts to meet the newly established federal safety performance measure targets.

Regardless of the funding used for repairs, LPAs select all projects in a similar manner using the same set of criteria for all selections. Projects are often proposed because of safety concerns, the need to maintain existing facilities or structures, and community needs fueled by growth and other factors. To assist in their selection process, KDOT bridge inspection data and other management systems are available to locals to use in their decision-making processes.

The LPA is responsible for public involvement in the selection/prioritization process of projects with the public involvement for each project being determined by the complexity of the project scope. At a minimum, public involvement should include a public notice indicating when a governing body will make decisions about reviewing needs, selecting projects and setting priorities for federal aid projects. As each project selected develops, additional public involvement may be warranted. The public involvement in the project development process will be in accordance with KDOT's publication "Sharing the Future, Public Involvement in the Kansas Transportation System".

After the selection and prioritization process is completed, projects are

programmed. For federally funded projects, these lists are the local entities' portion of the STIP and identify their prioritized road or bridge construction projects. These projects are incorporated into the STIP or TIPs as appropriate.

Railroad/Highway Crossing Protection (RRX & RXR)

This federal-aid program funds protective device installation and hazard elimination at railroad/highway grade crossings on public roads. Federal-aid HSIP funding finances up to 100 percent of the cost of these projects. In accordance with Section 130 of the 1973 Federal-aid Highway Act, KDOT has established a state rail crossing inventory and formula to prioritize all 6,200 at-grade public crossings in Kansas.

Priority Formula For Railroad Crossings

$$\text{Hazard Index} = \text{AADT} \times \text{T} \times \text{W}$$

Where

AADT = Average Annual Daily Traffic

T = Average Trains per day

W = 0.1 for gates, 0.6 for flashing lights & 1.0 for cross bucks

The priority formula "hazard index" is used to rate the relative hazard potential for all crossings and is based on the following three factors- highway traffic, train traffic and a warning device. Annually a few of the highest ranked crossings that have not been addressed in prior pro-

grams are selected for review. A preliminary review of the crossings is conducted to verify crossing inventory information.

Crossings from this list that pass the preliminary review are scheduled for on-site diagnostic reviews. The diagnostic review team consists of KDOT, railroad, and local government staff. This team makes recommendations for each crossing as to type of warning system, crossing surface work, approach roadway improvements, drainage improvements, and brush and timber clearing. A rough cost estimate of the recommendations is developed for each crossing.

The on-site review is sent to the local government officials who have maintenance responsibilities for the highway or roadway. When crossing projects receive funding commitments from local government, railroad, and the State, a project implementation procedure is started that leads to improvements at the crossing.

In conjunction with the United States Department of Transportation's national highway/railroad crossing safety initiatives, KDOT is also addressing railroad corridor highway/railroad crossing safety projects. For approval of corridor project, there must be a reasonable number of highway/ railroads crossing closures. The highest priority highway /railroad crossings in the corridor are improved with active flashing light and gate signal systems. Projects in these two subcategories are reviewed and selected on an annual basis. Currently, projects for

2021 have been selected and programmed and the selection and programming of 2022 projects is underway.

Projects in these subcategories help to address the Strategic Highway Safety Plan (SHSP) goal of decreasing roadway departures and are referenced specifically in the SHSP, Appendix A. These projects contribute to KDOT's effort to increase overall road safety in Kansas and to meet the newly established federal safety performance measure targets.

Safe Routes to School (SRT)

Although, the FAST Act has ended for planning purposes the Safe Routes to School (SRTS) program will continue to be treated in the same manner it was under the FAST Act and will remain merged with the Transportation Alternative program (TA). Likewise, the TA program will continue to be treated as a set aside program of STBG program as was established in the Fast Act. All TA funded projects regardless of project type are funded at an 80 percent federal fund and 20 percent local match ratio with the federal share being capped.

For planning purposes until a new federal program is in place, the focus of the SRTS is expected to continue to be increasing the number of school children who walk or bike to school. SRTS provides reimbursements to local public authorities and school districts for projects or activities that will make walking and bicycling to school safe, enjoyable, and

routine. In this subcategory, projects are selected by soliciting applications and then selecting projects through a competitive selection process. To qualify for consideration, applications must meet one of the following three criteria:

- 1) Project provides for plan development of safe routes to school programs, with possible future funding to implement the plan. A SRTS Plan is prerequisite for future infrastructure funding consideration.
- 2) Project provides for infrastructure such as improvements to pedestrian and bicycle crossings, sidewalks, traffic calming, on- and off-street bicycle facilities, secure bicycle parking, and traffic diversions.
- 3) Project provides for non-infrastructure activities above and beyond those activities covered in the other two.

Local public authorities, individual schools and school districts are sent request for projects when funding is available for the SRTS program, submissions are evaluated, and selections made. The selected projects are then added to the STIP document or amended using the amendment process in place depending on the timing of the selections. A call for projects is currently underway for the SRTS subcategory. More information about the SRTS subcategory and the Transportation Alternatives program is available at the following link:

<https://www.ksdot.org/bureaus/burtransport/TransAlt.asp>

Transportation Enhancement (TEX)

Although, the FAST Act has ended for planning purposes the federal Transportation Enhancement (TE) program continues to be treated as part of the Transportation Alternative (TA) program which itself is a set aside of the federal STBG program. Projects in the TEX subcategory must correspond with one of the following criteria:

- 1) Project provides environmental mitigation related to storm-water management or reduction in wildlife mortality from vehicles,
- 2) Project provides construction of pedestrian and bicycle facilities,
- 3) Project provides conversion and use of abandoned railroad corridors for trails,
- 4) Project provides construction of turnouts, overlooks and viewing areas, (formerly part of the now discontinued federal Scenic Byways program)
- 5) Project provides community improvement through inventory, control or removal of outdoor advertising, historic preservation and rehabilitation of historic transportation facilities, vegetation management practices and archaeological activities relating to impacts from the execution of a transportation project.

As part of the TA set aside program, projects in this subcategory are

funded on an 80 percent federal/20 percent local match and projects are selected by an application process. Eligible projects must demonstrate their financial ability to meet their obligation. The federal funds awarded are capped for each project selected. Projects selected that do not meet the deadline for entry into the STIP document will be amended to the STIP using the amendment process in place. More information about the Transportation Enhancement and TA Program is available at <https://www.ksdot.org/bureaus/burtransplan/TransAlt.asp> .

Federal Lands & Tribal Transportation



FEDERAL LANDS & TRIBAL TRANSPORTATION PROGRAMS

The Office of Federal Lands Highway (FLH) administers a coordinated program of federal public roads and bridges; to protect and enhance our Nation's natural resources; and to provide needed transportation access for Native Americans. FLH was established in 1983 and functions to provide apportioned and allocated funding resources and technical assistance through programs that serve the transportation needs of the Federal and Indian lands.

Under the FAST Act the three core programs, the Federal Lands Transportation Program (FLTP), the Federal Lands Access Program (FLAP) and the Tribal Transportation Program (TTP) continue ensuring that all federally owned public roads and tribal transportation facilities are treated under uniform policies in a manner similar to those in effect for federal-aid highways and other public transportation and transportation related facilities. However, the FAST Act does not authorize funding for the Tribal High Priority Projects (THPP) program established under MAP-21. Instead, a new program Nationally Significant Federal Lands and Tribal Projects (NSFLTP) has been established to provide funding for nationally significant construction, reconstruction and rehabilitation projects on Federal or tribal lands.

For the FLTP the distribution of funds changed with the FAST Act with specified agencies receiving funding in apportioned amounts for the first time. The following agencies: National Park Service, United States (US) Fish and Wildlife Service and United States Department of Agriculture (USDA) Forest Service all receive funding in specified apportioned amounts in each of the five years of the act. While the remaining funds will be allocated competitively among the Bureau of Land Management, US Army Corp of Engineers, the Bureau of Reclamation and other independent Federal agencies with natural resource and land management responsibilities. The Bureau of Reclamation and other independent Federal agencies with natural resource and land management responsibilities became eligible for funding under the FAST Act legislation. Funding is provided for several categories of FLTP projects that improve access within national forests and national recreational areas or on infrastructure owned by the Federal government. Additionally, under the FAST Act a portion of the combined funds from the FLTP and FLAP are to be set-aside (at a rate of not more than 5 percent of the combined total) to be used for transportation planning, asset management, data collection, cooperative research and technology deployment and

bridge inspections within lands under the tribal and federal lands jurisdiction. With the passage of the FAST Act the core programs and eligibilities are retained and the Federal funding participation remains at 100 percent for all projects that provide access to or within Federal land.

The FLAP eligibilities and features were not modified under the FAST Act. FLAP funds are still distributed by formula among states that have Federal lands and provide funding for projects that improve access to infrastructures owned by States and local public authorities (LPAs). States continue to be required to provide a non-Federal match for the program funds. However, a new provision under the FAST Act is the requirement for a portion of the FLAP funding to go towards set asides as described in the FLTP section.

In the third core program, the TTP eligibilities and features are essentially the same in the FAST Act as under MAP-21 with minor changes. The set-asides established in MAP-21 for tribal bridge projects, tribal safety projects, program administration, planning and tribal supplemental funding continue with only small adjustments in some of their funding amounts. The funding provided for projects that improve access into and within Tribal lands continues to be allocated among the Tribes based upon formula without change and the Federal funding participation remains at 100 percent.

Under the fourth and new program, the NSFLTP entities eligible to receive TTP, FLAP or FLTP funding are eligible for funding. Additionally, a State, county or local entity may apply for funding if sponsored by an eligible Federal land management agency or Indian tribe. As previously stated, this program is intended to fund nationally-significant projects on Federal or tribal lands. Projects will be selected from applications submitted to FHWA with eligible projects having a minimum cost estimate of \$25 million and with preference given to projects with cost estimates of \$50 million and greater. For more information about this program or other Federal lands or tribal transportation programs refer to the FAST Act web page . <https://www.fhwa.dot.gov/fastact/>.

Federal Lands Highway Projects

A new Federal Lands TIP has been approved covering the years 2022-2025. In the new 2022-2025 TIP, Kansas has four projects planned or under construction. When future updates are made to the Federal Lands TIP, the updated TIP will be added to KDOT's STIP using the amendment/administrative modification process. The FLHP is administered by the Office of Federal Lands Highway which is divided into three regions-Western, Central and Eastern. The Central Federal Lands Highway Division (CFLHD) is responsible for the administration of projects in Kansas. To learn more about the FLH projects and

their programs visit the website at the following link: <http://flh.fhwa.dot.gov/> and for information about the CFLHD and view the TIPs with Kansas projects visit the following link: <https://highways.dot.gov/sites/fhwa.dot.gov/files/docs/federal-lands/programs-plan-ning/tip/36081/cfl-tip-2022-2025.pdf>. Or following this program discussion is an excerpt of the current TIP for the CFLHD, listing the projects committed in Kansas.

Tribal Transportation Projects

Four Indian Nations have reservations contained or partially contained within the State of Kansas. These Nations receive federal funding for roads and bridges from the programs outlined above. The funds for the tribal lands are administered jointly by the Bureau of Indian Affairs (BIA) - Division of Transportation and the Office of Federal Lands Highway. To learn more about the BIA visit their website at the following link: <http://www.bia.gov/> and for information about Tribal TTPs and upcoming projects visit the following link for the TTIP in place for tribes in Kansas: Kansas tribes are part of the Southern Plains BIA region. <https://flh.fhwa.dot.gov/other/documents/ott/stip/2021/TTP-STIP-for-Kansas.pdf>.

The four Indian Nations in Kansas are:

Prairie Band of Potawatomi Indians,
located in Jackson County, Kansas

Kickapoo Nation of Kansas,
located in Brown County, Kansas

Sac and Fox Nation of Missouri,
located in Brown County, Kansas and
Richardson County, Nebraska

Iowa Tribe of Kansas and Nebraska,
located in Brown County, Kansas,
Doniphan County, Kansas and
Richardson County, Nebraska

The 2021 TTIP which covers the years 2021-2025 is the most current TIP in place for the Indian Nations in the State of Kansas. All four tribes have projects in the 2021 TTIP with a total of twenty-one projects planned. Following this discussion is the most recent TTIP project list in place for the Kansas Nations grouped by nation.

When updates are made throughout the year to either the Federal Land and/or the Tribal TIP(s), the updates will be integrated into KDOT's STIP via an administrative modification and the STIP amendment process.



**Transportation Improvement Program
FY 2022 to FY 2025
Central Federal Lands Highway Division
Federal Highway Administration**

Approved by CFL Director of Business Operations:

**JUDY
SALOMONSON**

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Project Name	Award Year	State	County	FLMA Unit	Project Description	Type of Work	Primary Fund Source	Program Amount	Funds From Title	Delivered By	Phase	Congressional District	FLMA Region
Arizona													
AZ FLAP SR181(1) CHIRICAHUA ACCESS ROAD	2022	AZ	Cochise	Chiricahua NM	Reconstruct SR 181 and extend drainage crossings from Jct. SR 186 to Chiricahua NM.	3R	FLAP	\$4,196,000	Title 23	CFLHD	Active	AZ-2	NPS-IMR
AZ FS 24(1) BUFFALO CROSSING BRIDGE	2022	AZ	Apache	Apache Sitgreaves NF	Bridge replacement.	BR	GAOA & FS	\$1,000,000	Title 23	CFLHD	Active	AZ-1	FS-3-SW
AZ FTBR SALT 80(1) HORSE MESA BRIDGE	2022	AZ	Maricopa	BOR Salt River Project	Bridge replacement.	BR	FLTP - BOR	\$2,800,000	Title 23	CFLHD	Active	AZ-4	BOR-LowCO
AZ FTNP GRCA 14(1) NORTH ENTRANCE ROAD	2022	AZ	Coconino	Grand Canyon NP	Roadway rehabilitation.	3R	FLTP - NPS	\$7,299,917	Title 23	CFLHD	Active	AZ-1	NPS-IMR
AZ NP GRCA 272(1) MATHER POINT CAMPGROUND LOOPS	2022	AZ	Coconino	Grand Canyon NP	Rehabilitate Mather Point Campground loops.	3R	FLTP - NPS	\$3,200,000	Title 23	CFLHD	Active	AZ-1	NPS-IMR
AZ/NV BR LCDO HOOVER PARKING HOOVER DAM PARKING LOTS REHAB	2022	AZ	Mojave	BOR-Hoover Dam	Rehabilitate Parking at Hoover Dam.	3R	FLTP - BOR	\$825,000	Title 23	CFLHD	Active	AZ-4	BOR-LowCO
AZ FLAP NAV FR136(1) JOE TANK ROAD	2023	AZ	Navajo	Apache-Sitgreaves NF	Rehabilitate and widen 1/3 mile of roadway.	4R	FLAP	\$1,300,000	Title 23	CFLHD	Active	AZ-1	FS-3-SW
AZ FLAP PIM FR510(1) SABINO CANYON PARK ROAD	2023	AZ	Pima	Coronado NF	Parking and roadway improvements.	4R	FLAP	\$3,100,000	Title 23	CFLHD	Active	AZ-2	FS-3-SW
AZ FLAP SR261(1) EAGAR TO CRESCENT LAKE	2023	AZ	Apache	Apache Sitgreaves NF	Rehabilitate and resurface 12 miles of SR 261 from MP 294 to MP 406.	3R	FLAP	\$12,500,000	Title 23	CFLHD	Active	AZ-1	FS-3-SW
AZ/CA FTBR LCD PADA(1) PARKER DAM ROAD	2023	AZ	La Paz	BOR-Parker Dam	Roadway rehabilitation.	3R	FLTP - BOR	\$1,050,000	Title 23	CFLHD	Active	AZ-4	BOR-LowCO
AZ FLAP PIN FR77(1) EAST PERALTA ROAD	2024	AZ	Pinal	Tonto NF	Roadway rehabilitation for 6.1 miles.	4R	FLAP	\$8,000,000	Title 23	CFLHD	Active	AZ-4	BLM-AZ ~ FS-3-SW
AZ FTNP LAKE 113(2) WILLOW BEACH ROAD	2024	AZ	Mohave	Lake Mead NRA	Rehabilitate 4 miles of Willow Beach Access Road.	4R	FLTP - NPS	\$20,121,567	Title 23	CFLHD	Active	AZ-4	NPS-PWR
AZ FLAP COC FH735(1) PERKINSVILLE ROAD	2025	AZ	Coconino	Prescott NF	Rehabilitate and widen 8.6 miles of roadway.	3R	FLAP	\$14,200,000	Title 23	CFLHD	Active	AZ-1	FS-3-SW
AZ FTFW BIWI 100(1) PLANET RANCH ROAD	2025	AZ	La Paz	Bill Williams NWR	Rehabilitate Planet Ranch Rd, Rt# 100 (3.5 miles gravel), parking and trails.	3R	FLTP - FWS	\$2,400,000	Title 23	CFLHD	Active	AZ-4	FWS-2-SW
Arizona National Scenic Trail Realignment	2022	AZ	Coconino	Multiple	Realignment of trail to separate trail from roadway.	Trail	FLTP - FS	\$1,065,000	Title 23	FS	Construction	AZ-1	FS-03-SW
AZ FTNP GRCA 237243 Procure (4) CNG Buses to Replace 20 Year Old Buses to Ensure Uninterrupted Transit Service	2022	AZ	Coconino	Grand Canyon NP	Procure (4) CNG Buses to Replace 20 Year Old Buses to Ensure Uninterrupted Transit Service.	Transit	FLTP - NPS	--	Title 23	NPS	Construction	AZ-1	NPS-IMR
AZ/NV BR LCDO HOOVER DAM ROCKFAL Hoover Dam Rockfall Road Hazards	2023	AZ	Mojave	BOR-Hoover Dam	This project is to provide rockfall blasting and protection around Hoover Dam's public roads and sidewalks/trails.	Spot	FLTP - BOR	\$600,000	Title 23	BOR	In design	AZ-4	BOR-LowCO



**Transportation Improvement Program
FY 2022 to FY 2025
Central Federal Lands Highway Division
Federal Highway Administration**

Project Name	Award Year	State	County	FLMA Unit	Project Description	Type of Work	Primary Fund Source	Program Amount	Funds From Title	Delivered By	Phase	Congressional District	FLMA Region
HI STP SR560(1) WAINIHA STREAM BRIDGES #1, #2, #3	2023	HI	Kauai	N/A	Bridge replacement.	BR	STP	\$25,726,000	Title 23	CFLHD	Active	HI-2	
HI FTNP HAVO TBD CRATER RIM DRIVE ROUNDABOUT	2022	HI	Hawaii	Hawaii Volcanoes NP	Crater Rim Drive Widening and Roundabout.	3R	FLTP - NPS	\$3,900,000	Title 23	NPS	Construction	HI-2	NPS-PWR
Kilauea Point NWR Entrance Reconstruction and Turnaround	2023	HI	Kauai	Kilauea Point NWR	Redesign of the entrance to the Refuge including constructing a ranger/fee both and a turn around for visitors.	4R_New	FLTP - FWS	\$300,000	Title 23	FWS	Planned	HI-2	FWS-1-Pac
Kansas													
KS FLAP KIN 50(1) CHENEY RESERVOIR ACCESS	2022	KS	Kingman	Cheney Reservoir	Rehabilitate Cheney Reservoir South Access Road.	3R	FLAP	\$1,945,000	Title 23	CFLHD	Active	KS-4	BOR-GP
KS FLAP MIA 253(1) HILLSDALE LAKE ACCESS	2023	KS	Miami	Hillsdale Lake	Rehabilitate and Pave .75 miles of 253rd Street and Orleans Road.	3R	FLAP	\$910,000	Title 23	CFLHD	Active	KS-2	USACE-NW
KS FLAP RSL 15(1) HELL CREEK BRIDGE REPAIR	2024	KS	Russell	Wilson Lake	Bridge repair.	BR	FLAP	\$1,560,000	Title 23	CFLHD	Active	KS-1	USACE-NW
KS FW QVR 401(1) MIGRANT'S MILE TRAIL	2022	KS	Stafford	Quivira NWR	Rehab accessible pedestrian paved trail/boardwalk.	Trail	FLTP - FWS	\$420,000	Title 23	FWS	Construction	KS-4	FWS-6-MtPr
Nebraska													
NE FLAP LOU 10(1) CALAMUS RESERVOIR ACCESS	2023	NE	Garfield	Calamus Reservoir	Rehabilitation of approximately 6 miles of highway and 113,800 square yards (interior roads and park.	3R	FLAP	\$1,300,000	Title 23	NDOT	Active	NE-3	BOR-GP
Nevada													
NV FLAP 400(1) LOGANDALE TRAILS ACCESS ROAD	2022	NV	Clark	Las Vegas Field Office	Reconstruct and pave 3.25 miles of Logandale Trails Access Road.	3R	FLAP	\$6,236,000	Title 23	CFLHD	Active	NV-4	BLM-NV
NV FLAP US50(1) ROUND HILL PINES ACCESS	2022	NV	Douglas	Lake Tahoe Basin Management Unit	Construct new parking facility and improve ingress and egress on US 50 at Round Hill Pines.	4R	FLAP	\$3,750,000	Title 23	CFLHD	Active	NV-2	FS-5-PacSW
NV FLAP 500(1) RED ROCK TRAIL	2023	NV	Clark	Las Vegas Field Office	Construct paved multi-use trail from Summerlin to Red Rock Visitor Center.	Trail	FLAP	\$12,000,000	Title 23	CFLHD	Active	NV-3	BLM-NV
NV FLAP NYE 10(1) BOB RUUD MEM HWY & BELL VISTA AVE	2023	NV	Nye	Ash Meadows NWR	Roadway rehabilitation.	3R	FLAP	\$27,184,000	Title 23	CFLHD	Active	NV-4	FWS-8-CaNv
NV FTBL 1094(1) WILSON CAMPGROUND ROAD	2023	NV	Elko	BLM-NV Wilson Reservoir	Roadway rehabilitation.	3R	FLTP - BLM	\$4,000,000	Title 23	CFLHD	Active	NV-2	BLM-NV
NV FLAP 500(2) RED ROCK TRAIL	2024	NV	Clark	Red Rock Canyon NCA	Multi-use Trail.	Trail	FLAP	\$7,300,000	Title 23	CFLHD	Active	NV-3	BLM-NV
New Mexico													
NM FAA DEM(1) DEMING ACCESS ROAD	2022	NM	Dona Ana	FAA - Deming ARSR	Roadway and drainage improvements.	3R	FAA	\$1,000,000	Title 23	CFLHD	Active	NM-2	



Office of Federal Lands Highway
US Department of Transportation - Federal Highway Administration

**Tribal Transportation Program
Transportation Improvement Program**

State of

Kansas

Tribal Transportation Program Transportation Improvement Program 2021

This report includes all construction projects on current approved Tribal TIPs in this State.



INDIAN ROADS RESERVATION PROGRAM CSTIPS Module of ITIMS

CSTIP Report

The CSTIP report shows the full contents of one or more CSTIPS.

For example, if the report is requested for a particular reservation with a managing entity that also manages two other reservations, then projects for all three reservations are reported. This means that subtotal amounts are always correct, no matter what the filter might be. However, see the next remark on how to read subtotals.

The CSTIP Subtotal is the full total for values on the CSTIP.

The state subtotal is the sum of the values in the state and on the current CSTIP. This report does not show overall state totals.

The location subtotal is the sum of values for projects on a particular reservation and in a particular state. When a reservation lies in two states, project data for each part including the subtotal is presented in separate places.

Any type of CSTIP may be the subject of the report.



Indian Reservation Roads Programs

Federal Lands Highway

Any level TIP/EIP Report

Reporting each CSTIP that meets the filter.

REPORT FILTERS:

Location = B-***-***
 program_class_code = 6K1
 CSTIP Type = TIP



Entity Name B04860 - IOWA TRIBE OF KS AND NE
 Program Class Code 6K1
 CSTIP Type TIP Fiscal Year 2021
 FHWA Approved Date 28-MAY-21 Funding Amount 204,007

FIRST PAGE FOR CSTIP

State 20 - Kansas
 Location B04860 - low a Tribe (Ks & Ne)

Projects on the CSTIP with this state are listed and subtotaled in this section
 Covers that part of the reservation within the current state.

		Phase	FY 2021 (\$)	FY 2022 (\$)	FY 2023 (\$)	FY 2024 (\$)	FY 2025 (\$)	Total
PCAS	B0405601	PE	0	0	0	0	0	0
Class	R	CONS	0	0	0	0	0	0
Name	low a Tribe Long Range Transportation F	CE	0	0	0	0	0	0
County	043 - Doniphan	Z	24,701	10,000	1,000	1,000	0	36,701
Project Type	PLANING	Total	24,701	10,000	1,000	1,000	0	36,701
Work Type	P9							
PCAS	B0407602	PE	20,000	1,000	0	0	0	21,000
Class	R	CONS	62,000	0	80,000	0	0	142,000
Name	ROUTE 817	CE	8,000	0	10,000	0	0	18,000
County	043 - Doniphan	Z	0	0	0	0	0	0
Project Type	RECONS	Total	90,000	1,000	90,000	0	0	181,000
Work Type	7							
PCAS	B0407603	PE	0	0	10,000	10,000	0	20,000
Class	R	CONS	0	0	0	100,000	200,000	300,000
Name	ROUTE 826	CE	0	0	0	5,000	10,000	15,000
County	043 - Doniphan	Z	0	0	0	0	0	0
Project Type	RECONS	Total	0	0	10,000	115,000	210,000	335,000
Work Type	7							
PCAS	B041060M	PE	0	0	0	0	0	0
Class	O	CONS	0	0	0	0	0	0
Name	low a Tribe Road Maintenance	CE	0	0	0	0	0	0
County	013 - Brown	Z	39,306	30,000	100,000	80,000	0	249,306
Project Type	REHAB	Total	39,306	30,000	100,000	80,000	0	249,306
Work Type	3							
PCAS	B0415601	PE	0	0	0	0	0	0
Class	R	CONS	0	150,000	0	0	0	150,000
Name	Wellness Center Parking	CE	0	0	0	0	0	0
County	043 - Doniphan	Z	0	0	0	0	0	0
Project Type	RECONS	Total	0	150,000	0	0	0	150,000
Work Type	7							
PCAS	B0419601	PE	50,000	0	0	0	0	50,000
Class	R	CONS	0	0	0	0	0	0
Name	Casino Parking Rehabilitation	CE	0	0	0	0	0	0
County	043 - Doniphan	Z	0	0	0	0	0	0
Project Type	REHAB	Total	50,000	0	0	0	0	50,000
Work Type	7							
Location Subtotal			204,007	191,000	201,000	196,000	210,000	1,002,007
State Subtotal			204,007	191,000	201,000	196,000	210,000	1,002,007
CSTIP Subtotal			204,007	191,000	201,000	196,000	210,000	1,002,007



Indian Reservation Roads Programs

Federal Lands Highway

Any level TIP/EIP Report

Reporting each CSTIP that meets the filter.

REPORT FILTERS:

Location = B-**-***
 program_class_code = 6K1
 CSTIP Type = TIP



Entity Name	B04861 - KICKAPOO TRIBE OF INDIANS IN KANSAS		
Program Class Code	6K1		
CSTIP Type	TIP	Fiscal Year	2021
FHWA Approved Date	23-JUN-21	Funding Amount	276,554

FIRST PAGE FOR CSTIP

State 20 - Kansas **Projects on the CSTIP with this state are listed and subtotaled in this section**
Location B04861 - Kickapoo Tribe (Ks) **Covers that part of the reservation within the current state.**

			FY 2021 (\$)	FY 2022 (\$)	FY 2023 (\$)	FY 2024 (\$)	FY 2025 (\$)	Total
PCAS	B040661P	Phase						
Class	O	PE	10,000	10,000	10,000	10,000	10,000	50,000
Name	Kickapoo Tribe (KS) Long Range Plannir	CONS	0	0	0	0	0	0
County	013 - Brow n	CE	0	0	0	0	0	0
Project Type	PLANING	Z	0	0	0	0	0	0
Work Type	P9	Total	10,000	10,000	10,000	10,000	10,000	50,000
PCAS	B041061M	Phase						
Class	O	PE	0	0	0	0	0	0
Name	Kickapoo Tribe (KS) Road Maintenance	CONS	0	0	0	0	0	0
County	013 - Brow n	CE	0	0	0	0	0	0
Project Type	REHAB	Z	116,554	110,000	50,000	80,000	200,000	556,554
Work Type	3	Total	116,554	110,000	50,000	80,000	200,000	556,554
PCAS	B0416611	Phase						
Class	R	PE	0	0	0	0	0	0
Name	Route 1076	CONS	150,000	100,000	0	0	0	250,000
County	013 - Brow n	CE	0	0	0	0	0	0
Project Type	RECONS	Z	0	0	0	0	0	0
Work Type	7	Total	150,000	100,000	0	0	0	250,000
PCAS	B0430100	Phase						
Class	R	PE	0	20,000	0	0	0	20,000
Name	ROAD 130 KICKAPOO	CONS	0	10,000	100,000	0	0	110,000
County	013 - Brow n	CE	0	0	5,000	10,000	0	15,000
Project Type	RECONS	Z	0	0	0	0	0	0
Work Type	2	Total	0	30,000	105,000	10,000	0	145,000
PCAS	B0430500	Phase						
Class	R	PE	0	0	0	0	0	0
Name	ROAD 140 KICKAPOO	CONS	0	0	95,000	125,000	0	220,000
County	013 - Brow n	CE	0	0	5,000	25,000	0	30,000
Project Type	RECONS	Z	0	0	0	0	0	0
Work Type	2	Total	0	0	100,000	150,000	0	250,000
Location Subtotal			276,554	250,000	265,000	250,000	210,000	1,251,554
State Subtotal			276,554	250,000	265,000	250,000	210,000	1,251,554
CSTIP Subtotal			276,554	250,000	265,000	250,000	210,000	1,251,554



Indian Reservation Roads Programs

Federal Lands Highway

Any level TIP/EIP Report

Reporting each CSTIP that meets the filter.

REPORT FILTERS:

Location = B-**-***
 program_class_code = 6K1
 CSTIP Type = TIP



Entity Name B04862 - Prairie Band Potaw atomi Nation
 Program Class Code 6K1
 CSTIP Type TIP Fiscal Year 2021
 FHWA Approved Date 17-JUN-21 Funding Amount 487,638

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State 20 - Kansas
 Location B04862 - Prairie Band Potaw atomi Nation

Projects on the CSTIP with this state are listed and subtotaled in this section
 Covers that part of the reservation within the current state.

		Phase	FY 2021 (\$)	FY 2022 (\$)	FY 2023 (\$)	FY 2024 (\$)	FY 2025 (\$)	Total
PCAS	B0410624	PE	70,000	0	40,000	5,000	0	115,000
Class	R	CONS	0	200,000	300,000	300,000	0	800,000
Name	126th & O Road Intersection	CE	0	0	5,000	5,000	5,000	15,000
County	085 - Jackson	Z	0	0	0	0	0	0
Project Type	RECONS	Total	70,000	200,000	345,000	310,000	5,000	930,000
Work Type	I1							
PCAS	B0410625	PE	0	0	0	0	0	0
Class	R	CONS	50,000	100,000	10,000	0	0	160,000
Name	174th & H.4 Road Hill Cut	CE	5,000	5,000	5,000	0	0	15,000
County	085 - Jackson	Z	0	0	0	0	0	0
Project Type	RECONS	Total	55,000	105,000	15,000	0	0	175,000
Work Type	I1							
PCAS	B0419621	PE	0	0	0	0	0	0
Class	O	CONS	0	0	0	0	0	0
Name	Road Maintenance Equipment	CE	200,000	0	0	0	0	200,000
County	085 - Jackson	Z	0	0	0	0	0	0
Project Type	RDMAINT	Total	200,000	0	0	0	0	200,000
Work Type	T1							
PCAS	B041962M	PE	0	0	0	0	0	0
Class	O	CONS	0	0	0	0	0	0
Name	Maintenance	CE	0	0	0	0	0	0
County	085 - Jackson	Z	105,000	100,000	80,000	100,000	0	385,000
Project Type	RDMAINT	Total	105,000	100,000	80,000	100,000	0	385,000
Work Type	3							
PCAS	B041962P	PE	0	0	0	0	0	0
Class	O	CONS	0	0	0	0	0	0
Name	TTP Program Management	CE	0	0	0	0	0	0
County	085 - Jackson	Z	57,638	80,000	80,000	80,000	0	297,638
Project Type	PLANING	Total	57,638	80,000	80,000	80,000	0	297,638
Work Type	P10							
Location Subtotal			487,638	485,000	520,000	490,000	5,000	1,987,638
State Subtotal			487,638	485,000	520,000	490,000	5,000	1,987,638
CSTIP Subtotal			487,638	485,000	520,000	490,000	5,000	1,987,638



Indian Reservation Roads Programs Federal Lands Highway Any level TIP/EIP Report

Reporting each CSTIP that meets the filter.

REPORT FILTERS:

Location = B-**-***
 program_class_code = 6K1
 CSTIP Type = TIP



Entity Name B04863 - SAC & FOX NATION OF MISSOURI (KS-NE)
 Program Class Code 6K1
 CSTIP Type TIP Fiscal Year 2021
 FHWA Approved Date 17-JUN-21 Funding Amount 149,682

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State 20 - Kansas
 Location B04863 - Sac & Fox Nation Of Missouri

Projects on the CSTIP with this state are listed and subtotaled in this section
 Covers that part of the reservation within the current state.

		Phase	FY 2021 (\$)	FY 2022 (\$)	FY 2023 (\$)	FY 2024 (\$)	FY 2025 (\$)	Total
PCAS	B041063M	PE	0	0	0	0	0	0
Class	O	CONS	0	0	0	0	0	0
Name	Sac & Fox Kansas Road Maintenance	CE	0	0	0	0	0	0
County	013 - Brown	Z	60,000	10,000	10,000	10,000	0	90,000
Project Type	RDMAINT	Total	60,000	10,000	10,000	10,000	0	90,000
Work Type	RM							
PCAS	B0416632	PE	0	0	0	0	0	0
Class	R	CONS	0	0	0	0	0	0
Name	Longspur Road (Route 0710)	CE	0	0	0	0	0	0
County	013 - Brown	Z	0	50,000	0	0	0	50,000
Project Type	RDMAINT	Total	0	50,000	0	0	0	50,000
Work Type	S4							
PCAS	B0417631	PE	0	0	0	0	0	0
Class	R	CONS	0	0	65,000	0	0	65,000
Name	Truck Stop Entry Drive	CE	0	0	0	0	0	0
County	013 - Brown	Z	0	0	0	0	0	0
Project Type	RECONS	Total	0	0	65,000	0	0	65,000
Work Type	8							
PCAS	B0417632	PE	0	0	0	0	0	0
Class	R	CONS	0	0	0	0	0	0
Name	Chip Seal Route 702	CE	0	0	0	0	0	0
County	013 - Brown	Z	50,000	65,000	0	0	0	115,000
Project Type	RDMAINT	Total	50,000	65,000	0	0	0	115,000
Work Type	S4							
PCAS	B0417633	PE	0	0	0	0	0	0
Class	O	CONS	0	0	0	0	0	0
Name	Sac&Fox Kansas Program Management	CE	0	0	0	0	0	0
County	013 - Brown	Z	39,682	10,000	10,000	10,000	0	69,682
Project Type	PLANING	Total	39,682	10,000	10,000	10,000	0	69,682
Work Type	P10							
Location Subtotal			149,682	135,000	85,000	20,000	0	389,682
State Subtotal			149,682	135,000	85,000	20,000	0	389,682