

State Fiscal Year
2021
SPR-PL
TRANSPORTATION
PLANNING
WORK PROGRAM



July 1, 2020

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Objectives for Fiscal Year 2021

Each year the Office of Planning and Programming (OPP) analyzes its planning and programming initiatives for consistency with current goals and objectives of the Long-Range Transportation Plan. This exercise forms the basis for assessing the current and proposed activities included within this program.

Goals identified during the Long-Range Transportation Plan (LRTP) development that guide the highway and intermodal planning processes and investment strategies of the Department for this year's document include:



State Planning and Research Funds

Statewide Planning & Research (SPR) funds are used to support planning and research activities. The funds are used to establish a cooperative, continuous, and comprehensive (3-C) framework for making transportation investment decisions and to carry out transportation planning and research activities throughout the state.

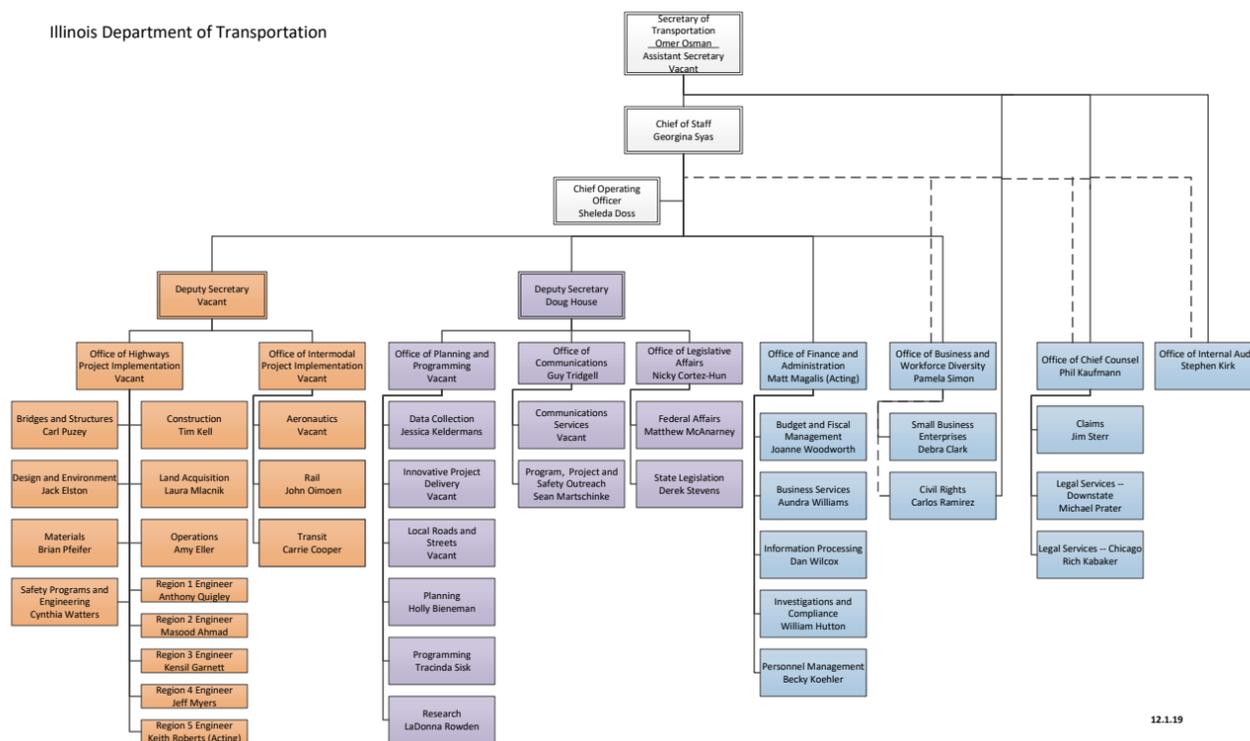
Eligible activities include:

- Planning studies
- Data purchase, collection and/or analysis
- Research activities
- Program development activities
- Performance management activities
- Coordination/outreach activities

IDOT completed a call for projects for SPR funds. These funds were made available to internal and external parties. The call was released February 3, 2020 and all project submittals were due March 13, 2020. The Department evaluated the proposed projects. All selected projects are related to further studying or implementing a goal, strategy, or objective within the State's Long-Range Transportation Plan or one of the Department's modal plans. New for State Fiscal Year 2021, the department also prioritized projects based on whether it benefits a disadvantaged/economically distressed community.

Organization of the Illinois Department of Transportation

IDOT consists of nine supporting offices. The following organization chart represents the basic structure and the department's senior management.



Organization of the Office of Planning and Programming

The Office of Planning & Programming (OPP) is responsible for the development of the Department's program and budget to maintain, enhance, and strategically expand the State of Illinois Transportation system. Also, the office is responsible for conducting the following activities for the state's transportation program and budget.

- Data Collection and Analysis
- Policy Analysis
- Identifying Resources
- Conducting Research
- Long Range Planning
- Department Goal Development
- Program Development and Management
- Federal Fund Management

Five documents guide the Department's transportation planning and programming process.

1. Illinois Long Range Transportation Plan and related planning documents and future problems and solutions related to managing the existing and future transportation system. These plans are used in maintaining, enhancing, and strategically expanding the transportation system to serve the state's future needs.
2. State Transportation Improvement Program (STIP) document details a tentative allocation of resources anticipated during the next five years and a specific scheduling of projects.

3. IDOT's Multi-Year highway Program and the annual highway program is published which details the six year and upcoming year's anticipated accomplishments.
4. The for the Record Document details the annual project accomplishments accomplished in the annual highway program.
5. The construction and grants budget request identify specific sources for financing this program during the coming fiscal year and provides the basis for appropriation requests from the Illinois General Assembly.

While OPP is accountable for directing the development of the state's transportation plans and programs, the resulting products represent the input of the Department and stakeholders across the state.

Key activities of OPP relate to policy development, metropolitan planning, air quality planning, interagency liaison functions, highway program development, highway program management and federal fund management.

In the policy area, the office provides staff support to facilitate policy decisions related to the state appropriations and substantive legislations that impacts transportation. The office administers the state's Metropolitan Planning Program which is funded with federal funds and provides planning support to the state's metropolitan areas enabling local officials to participate in the development of their respective components of the state's plans and programs.

The office represents the department on interagency energy, economic development, and rural revitalization task forces and committees that address the role and the responsibility of transportation in total system planning.

The organization of OPP reflects a structuring of the planning and programming functions. This structuring allows for an integration of activities, which maximizes staff's abilities to meet program objectives, long range goals, and to respond to new programs in transportation planning.

The **Bureau of Planning** is responsible for multi-modal planning, which includes assessment of the States' transit, rail, waterway and aviation systems, freight flows, and bicycle and pedestrian accommodations. Our modal plans establish a vision, goals, and strategies for how these modes interact and contribute to improving mobility in Illinois. This long-range multi-modal planning process informs the multi-year programming process and the annual improvement program. The bureau articulates this multi-modal vision through the *Long-Range Transportation Plan* and other mode specific plans on approximate five-year cycles. The bureau administers the federal Metropolitan Planning Program and acts as a liaison with the 16 largest metropolitan areas in the State. The bureau has recently become responsible for ensuring that new federal performance management requirements are integrated into transportation planning and investment decisions. This includes baseline reporting, target setting, documentation, and reporting progress to the Federal Highway Administration toward meeting goals. The bureau prepares the Official State Highway map and other transportation maps for rail, ports, transit operators, local agencies, and scenic byway management agencies, as well as providing information technology support, fiscal processing, data processing, and graphic services to OPP.

The **Bureau of Programming** develops an assessment of the existing highway system and identifies current and future needs for planning and programming purposes. The bureau is responsible for developing a multi-year highway program and annual highway program of the planned projects within a fiscally constrained budget and reports the highway project accomplishments each fiscal year. The bureau reviews and processes all federal highways funding for the department working closely with the Federal Highway

Administration (FHWA). The bureau is responsible for managing system inventory and ongoing data submittals to FHWA to meet statutory requirements.

The **Bureau of Innovative Project Delivery** oversees the department's initiatives to explore the leveraging of private resources in project implementation and agency operations. The bureau coordinates with private sector and public entities to expedite project delivery and maximize innovation in the financial, design, construction, operation, and maintenance of major transportation infrastructure projects. The Bureau collaborates with a variety of stakeholders throughout the State on FHWA Every Day Counts alternative project delivery and planning initiatives.

The **Bureau of Data Collection** gathers, enters, maintains, and distributes crash report data submitted by law enforcement agencies across the State, as well as motorists involved in a motor vehicle crash. This bureau is responsible for collecting fatality data and disseminating the daily fatality numbers to Department officials, as well as other State agencies and Federal partners. The bureau prepares the annual Illinois Crash Facts & Statistics and Trends publications, and handles data requests from Federal and State agencies, private companies, the media, universities, etc. daily. This bureau is also responsible for administering the Department's portion of the Illinois Safety Responsibility Law, as well as overseeing the Illinois Traffic and Pedestrian Stop Study data collection and reporting processes.

The **Bureau of Research** is the clearinghouse and facilitator of research, knowledge and information management, and pavement design and management expertise in the Department. The bureau manages the department's federally- and state-funded research efforts including in-house research studies; contract research through an intergovernmental agreement with the University of Illinois, which funds the Illinois Center for Transportation; and nationally conducted research efforts. Additionally, the bureau provides information and knowledge management services to all internal customers, including access to internal and external resources; technical reference assistance; and subscription and membership coordination. Finally, the bureau conducts non-destructive pavement testing and provides expertise in pavement design, rehabilitation, preservation, and maintenance to assist with implementation of the department's Transportation Asset Management Plan.

The **Bureau of Local Roads and Streets** is responsible for administering the expenditure of a wide variety of funds for transportation purposes available to local government agencies. The bureau also renders guidance and assistance to local agencies in planning, financing, designing, constructing, and maintaining local highway and street systems. The bureau promotes the coordination and cooperation of counties, townships, municipalities in the development of transportation systems.

Overview of SPR-PL Work Program Changes from Previous Year

For the fiscal year 2021 SPR-PL work program, Chapter Three, which contained the breakout of all multiyear projects, has been omitted. Instead, the fiscal year 2020 SPR-PL work program was amended (Amendment 3 May 2020) for multiyear projects that required funds in fiscal year 2021 to add those funds in fiscal year 2020 thereby omitting the need to include a Chapter 3 in the fiscal year 2021 SPR-PL work program. Appendix A contains the list of prior multi-year projects that required funding through June 30, 2021. This appendix not only contains the list projects, it also captures the cost¹ of the project, funding authorized in previous work programs, the funding authorized with Amendment 3 of FY2020 SPR-PL work

¹ Total cost of a project as it relates to the associated State Job Number from State Fiscal 2018 through State Fiscal Year 2020. Some projects have multiple State Job Numbers spanning several years prior to 2018, those costs are not reflected here.

program and finally, the state fiscal years covered. This format provides a clearer picture of projects underway and make it easier to clearly understand the funding allocations for their project.

Chapter One of the SPR-PL work program will now contain all projects seeking SPR funding; it will remain divided by IDOT sponsored and External sponsored projects. Prior year multiyear projects requiring funding in FY2022 and beyond are contained within their respective sections of the work program (Chapter One Part One for IDOT sponsored and Chapter One Part Two for external sponsored projects). This section of the work program also contains new projects seeking authorization for the first time in fiscal year 2021.

The project overview has also been modified. The work program retains the necessary identifiers such as function numbers and federal project number along with project descriptions. Additionally, funding will no longer be requested by fiscal year. Instead project funding will be presented as:

- **Total Costs** – Will reflect the total cost of the project including IDOT labor over the life of the project.
- **IDOT Labor Costs** – Will reflect the total cost of IDOT labor over the life of the project.
- **FY21 Authorization Request** – Will reflect IDOT’s request to FHWA for authorization for these projects. If this amount differs from the federal amount of the project, that is because the difference has already been authorized by FHWA, unless otherwise noted.

Presenting the project funding needs in this manner will convey a clearer picture of the progression of each project as well as serve as a better control mechanism for the Bureau of Planning and will make it easier to clearly understand the funding available for their project.

Summary

This FY 2021 Transportation Planning Work Program totals \$102,220,453.81. The total Federal costs of this effort is \$81,719,322.07. This funding covers multi-year efforts.

The primary focus of OPP's FY2021 SPR-PL Transportation Planning Work Program is planning and programming-oriented activities performed within the State of Illinois at various levels – Central Office, the District level, Metropolitan Planning Organizations (MPOs) and local agencies.

The funding for the transportation planning and programming work described in this document is expected to come from the following sources:

Item	Federal SPR Amount	Federal PL Amount	Federal FTA Amount	State/Local Amount	Total Costs
IDOT SPR Projects	\$40,347,357.10			\$10,086,839.28	\$50,434,196.38
External SPR Projects	\$11,756,048.80			\$2,939,012.20	\$14,695,061.00
Total SPR Funds	\$52,103,405.90			\$13,025,851.48	\$65,129,257.38
MPO 3-C Projects		\$25,174,701.65	\$4,441,214.52	\$7,475,280.27	\$37,091,196.44
Total FY 2021 Funds	\$52,103,405.90	\$25,174,701.65	\$4,441,214.52	\$7,475,280.27	\$37,091,196.44
Total SPR, PL, & FTA	\$52,103,405.90	\$25,174,701.65	\$4,441,214.52	\$20,501,131.74	\$102,220,453.81

Match Details:

ITEM	State Match	Local Match	Total
IDOT SPR Projects	\$10,086,839.28		\$10,086,839.28
External SPR Projects	\$459,618.20	\$2,479,394.00	\$2,939,012.20
MPO 3-C Funds (PL/FTA)	\$6,936,499.43	\$538,780.84	\$7,475,280.27
TOTAL	\$17,482,956.90	\$3,018,174.84	\$20,501,131.74

Chapter One – IDOT SPR Funded Projects

Program Costs by Job Number

Function	APA State Job Number	Title	Federal Project Number	FY21 Programmed Costs	FY21 Federal Programmed Costs
D37	HPR-66-162-15	Capacity Building Travel / Peer Exchange	3SKQ(836)	\$100,000.00	\$80,000.00
P70	HPR-66-138-18	Traffic Monitoring Equipment	3000(141)	\$1,200,000.00	\$960,000.00
P74	HPR-66-139-18	Geographic Information Systems / Technical Support	3000(142)	\$3,839,666.25	\$3,071,733.00
P32	HPR-66-142-18	Comprehensive Bridge Management	C2IU(841)	\$375,000.00	\$300,000.00
B37	HPR-66-145-18	BridgeWatch® System	8Z5K(365)	\$116,376.00	\$93,100.80
B46	HPR-66-146-18	Alternative Financing & Project Delivery	8VIY(737)	\$2,264,813.00	\$1,811,850.40
D29	HPR-66-152-18	Statewide Travel Demand Model Development	SYBM(165)	\$1,088,560.00	\$870,848.00
D30	HPR-66-153-18	Performance Management Research Data Set	ELCP(673)	\$1,000,000.00	\$800,000.00
D49	HPR-66-023-19	Re-Imagining Public Engagement at IDOT	JLZZ(664)	\$50,000.00	\$40,000.00
D52	HPR-66-026-19	Planning and Programming Information Technology (IT) Support	QSLK(578)	\$4,350,000.00	\$3,480,000.00
D53	HPR-66-027-19	Enterprise Asset Management Plan	XIIA(083)	\$765,822.75	\$612,658.20
B21	HPR-66-083-19	National Scenic Byways in Illinois	WEF5(172)	\$185,625.00	\$148,500.00
E55	HPR-66-020-20	Environmental Survey and Tracking System	FP7W(801)	\$3,750,000.00	\$3,000,000.00
E56	HPR-66-021-20	IDOT Transportation Systems Management and Operations (TSMO) Program Plan	RNN5(739)	\$156,250.00	\$125,000.00
E57	HPR-66-022-20	Adaptive Roadway Lighting Control	ZWFR(395)	\$93,750.00	\$75,000.00
E58	HPR-66-023-20	Origin / Destination Data & Tools	N58M(639)	\$375,000.00	\$300,000.00
E63	HPR-66-028-20	Crash Information System (CIS) Rewrite & Maintenance	XGRJ(146)	\$4,716,250.00	\$3,773,000.00
E65	HPR-66-062-20	Tri-Level Pumping Area Program - Groundwater Hydraulic Model	7E13(335)	\$750,000.00	\$600,000.00
E66	HPR-66-063-20	Statewide Pedestrian Stop Study	YJF4(247)	\$58,288.00	\$46,630.40

Function	APA State Job Number	Title	Federal Project Number	FY21 Programmed Costs	FY21 Federal Programmed Costs
D44	HPR-66-017-21	AASHTOWare Bridge Products License Contract	TDJ0(678)	\$281,500.00	\$225,200.00
P27	HPR-66-019-21	Highway Program Planning	Z6C8(140)	\$2,500,000.00	\$2,000,000.00
E11	HPR-66-021-21	Highway Program, Planning and Engineering	W2BW(037)	\$569,141.00	\$455,312.80
P31	HPR-66-023-21	Condition Rating Survey (CRS) & Highway Asset Collection and Extraction (Project partially funded with Metro Planning Funds - See Chapter 2 for funding details)	HKD7(178)	\$5,399,934.38	\$4,319,947.50
E69	HPR-66-024-21	Research Test and Certification Track	H4WQ(458)	\$3,000,000.00	\$2,400,000.00
D51	HPR-66-025-21	Illinois Official Highway Map 2021-2022	F03R(127)	\$585,720.00	\$468,576.00
E70	HPR-66-026-21	Illinois Rail Needs Assessment Study	JIW4(518)	\$625,000.00	\$500,000.00
E75	HPR-66-031-21	Roadway Safety Educational Content Development	KFUL(194)	\$937,500.00	\$750,000.00
E80	HPR-66-036-21	Illinois Department of Transportation Active Transportation Plan (ATP)	G0G2(083)	\$1,875,000.00	\$1,500,000.00
E99	HPR-66-058-21	Collision Diagram Tool	ULJK(920)	\$625,000.00	\$500,000.00
F11	HPR-66-059-21	Highway Safety Improvement Program (HSIP) Application Database	8MQM(287)	\$375,000.00	\$300,000.00
F04	HPR-66-064-21	IDOT District 9 Pedestrian and Bike Data	C1JR(334)	\$300,000.00	\$240,000.00
F09	HPR-66-071-21	Regulated Substances Management Tool (RSMT)	FX87(457)	\$5,000,000.00	\$4,000,000.00
F10	HPR-66-072-21	District Freight Plans	DQ15(011)	\$3,125,000.00	\$2,500,000.00
			Total	\$50,434,196.38	\$40,347,357.10

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
D37 HPR-66-162-15	Office of Planning and Programming	Bureau of Planning	Capacity Building Travel / Training Opportunities/Peer Exchange	Funding for Capacity Building Travel, Training Opportunities and Peer Exchanges project. Staff continues to participate in capacity building and training to ensure staff are well informed to implement new requirements effectively. This will include National Highway Institute, National Transit Institute Course or conferences/workshops.

Project Funding Breakdown:	Costs
Total Costs	\$295,850.00
Federal Total	\$236,680.00
FY21 Authorization Request	\$100,000.00
Federal FY21 Authorization Request	\$80,000.00

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
P70 HPR-66-138-18	Office of Planning and Programming	Bureau of Programming	Traffic Monitoring Equipment	This project was increased by \$400,000 in FY20 and \$250,000 in FY21 to replace the 400 road tube counters. FY19 Obligation Number TRCNT2019 - Misc. repair supplies and parts for traffic counters and classifiers; Miovision 19T0009 - Video wrong way collision; BELDON2019 - purchase 10 Tirtl Classifiers; Midwest Software 17T0057 - Webhosting site to display traffic data; LANDINFO19 - Aerial Imagery subscription for roadway inventory; Modem 19 CDS - Purchase 50 mounting hardware for traffic counters; CDSModem19 - Purchase 50 wireless models and 75 L&E Antenna. FY2020 - \$271,000.00 obligated for the purchase of road tube traffic counters. Obligation # HIGHLEAH20 Vendor: High Leah Electronics Inc DBA Diamond Traffic Products. IDOT labor costs for staff dedicated to this project may seek federal reimbursement. This is represented by adding 25% of the total project cost to the project.

Project Funding Breakdown:	Costs
Total Costs	\$8,446,875.00
Federal Total	\$6,757,500.00
IDOT labor costs	\$1,689,375.00
FY21 Authorization Request	\$1,200,000.00
Federal FY21 Authorization Request	\$960,000.00

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
P74 HPR-66-139-18	Office of Planning & Programming	Bureau of Programming / Bureau of Information Processing	Geographic Information Systems / Technical Support	A contract was executed with GIS Solutions Inc. for \$8,841,047 effective from 9/16/2016 to 09/15/2019 with a 3-year renewal option for \$9,215,201 and will start in FY20. The obligation number is 17GISSOA. This contract provides technical support of GIS products. This contract is funded between OPP and BIP. IDOT labor costs for staff dedicated to this project may seek federal reimbursement. This is represented by adding 25% of the total project costs to the project.

Project Funding Breakdown:	Costs
Total Costs	\$18,498,393.44
Federal Total	\$14,798,714.75
IDOT labor costs	\$3,699,678.69
FY21 Authorization Request	\$3,839,666.25
Federal FY21 Authorization Request	\$3,071,733.00

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
P32 HPR-66-142-18	Highway Project Implementation	Bureau of Bridges and Structures (BBS)	Comprehensive Bridge Management	Funds are provided for employees of the Bureau of Bridges to attend classes provided by the Federal Highway administration such as fracture critical inspection techniques for steel bridges and safety inspection of in-service bridges. The obligation number is BRDGCLSS19

Project Funding Breakdown:	Cost
Total Costs	\$1,313,438.00
Federal Total	\$1,050,750.40
FY21 Authorization Request	\$375,000.00
Federal FY21 Authorization Request	\$300,000.00

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
B37 HPR-66-145-18	Office of Planning & Programming / Office of Highway	Bureau of Bridges and Structures (BBS)	BridgeWatch® System	An agreement with US Engineering Solution Corp. was extended in FY2018 and runs through 7/22/2022. The obligation number is 13T0024. The obligated funds totaled \$635,000 with the federal share of \$508,000. The project continues the BridgeWatch® Scour and storm related monitoring services for 650 bridges in Illinois.

Project Funding Breakdown:	Cost
Total Costs	\$621,814.00
Federal Total	\$497,451.20
FY21 Authorization Request	\$116,376.00
Federal FY21 Authorization Request	\$93,100.80

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
B46 HPR-66-146-18	Office of Planning & Programming	Bureau of Innovative Project Delivery	Alternative Financing & Project Delivery	A contract was executed with CDM Smith Inc. on 10/25/2017 and is effective until 10/24/2019 to develop alternative financing and project delivery options, including public-private partnerships. Contract may be renewed for a total of two (2) 24 months at the same rate as the initial term. The obligation number is 18T0024. The total contract cost is \$3,703,200. Funding in FY21/FY22 will be for renewal costs.

Project Funding Breakdown:	Cost
Total Costs	\$12,393,842.00
Federal Total	\$9,915,073.60
FY21 Authorization Request	\$2,264,813.00
Federal FY21 Authorization Request	\$1,811,850.40

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
D29 HPR-66-152-18	Office of Planning and Programming	Bureau of Planning	Statewide Travel Demand Model Development	A contract was executed with Resource Systems Group on 1/25/2018 and is effective until 1/24/2021 to consolidate existing data sources and related studies to build an efficient Illinois Statewide Travel Demand Model. The obligation number is 18T0035. The 3-year total for this agreement is \$1,632,840 and it has been fully obligated. The contract includes a 3-year renewal option at the estimated cost of \$1,632,804.

Project Funding Breakdown:	Cost
Total Costs	\$4,132,840.00
Federal Total	\$3,306,272.00
FY21 Authorization Request	\$1,088,560.00
Federal FY21 Authorization Request	\$870,848.00

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
D30 HPR-66-153-18	Office of Planning and Programming	Bureau of Planning	Performance Management Research Data Set	An agreement has been signed with the University of Maryland to procure the service of the Regional Integrated Transportation System (RITIS), a web-based system hosted by the University. The obligation number is 18T0044. This agreement is effective from 1/16/2018 to 1/15/2023. The 5-year agreement totals \$2,105,000 and the federal share is \$1,705,000. This project was increased by \$400,000 in FY20 and \$100,000 in FY21 to cover the additional costs associated with the Origin Destination Data and Tools project (Function E58). FY21, FY22, FY23 will be funded with SPR funds.

Project Funding Breakdown:	Cost
Total Costs	\$4,231,250.00
Federal Total	\$3,385,000.00
FY21 Authorization Request	\$1,000,000.00
Federal FY21 Authorization Request	\$800,000.00

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
D49 HPR-66-023-19	Office of Communications	Bureau of Outreach	Re-Imagining Public Engagement at IDOT	A consultant will be selected to identify and review all current policies, manuals, practices, guidelines etc. that are used by the Department to inform the public engagement process used by employees in all areas of IDOT. Review the best practices of other DOTs that have a broader approach to engagement to learn what strategies and methods they employ. Oversee the creation and staffing of two working groups, one internal and one external, to help inform the process of revamping public engagement at IDOT.

Project Funding Breakdown:	Cost
Total Costs	\$150,000.00
Federal Total	\$120,000.00
FY21 Authorization Request	\$50,000.00
Federal FY21 Authorization Request	\$40,000.00

CHAPTER ONE – PART ONE IDOT PROJECTS
PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
D52 HPR-66-026-19	Office of Finance and Administration	Bureau of Information Processing	Planning and Programming Information Technology (IT) Support	The scope of the project involves various aspects of IT data and system development, management, and support. The data sources and systems will include various applications, services, and databases all of which are integral to the Department's many work efforts related to transportation planning, programming, and asset management. This contract will be for four to six years for specialized IT consulting resources. Project deliverables will be the ongoing development, management, and support of enterprise IDOT Planning and Programming applications and databases. Two contracts have been executed with SAVVY Technologies in FY19. Five other contracts for project imaging, business analysis, .Net Developers, CMMS Resources and quality assurance are in the process of being executed.

Project Funding Breakdown:	Cost
Total Costs	\$11,590,000.00
Federal Total	\$9,272,000.00
FY21 Authorization Request	\$4,350,000.00
Federal FY21 Authorization Request	\$3,480,000.00

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
D53 HPR-66-027-19	Office of Planning and Programming	Bureau of Programming	Enterprise Asset Management Plan	The system will integrate with the current Bridge and Pavement Inventory Systems. The system will have the ability to create/integrate strategies, benefit cost/life cycle planning, and deterioration models by asset class. IDOT labor costs for staff dedicated to the project may seek federal reimbursement. This is represented by adding 25% of the total project to the project.

Project Funding Breakdown:	Cost
Total Costs	\$2,469,145.50
Federal Total	\$1,975,316.40
IDOT Labor Costs	\$493,829.10
FY21 Authorization Request	\$765,822.75
Federal FY21 Authorization Request	\$612,658.20

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
B21 HPR-66-083-19	Planning and Programming	Bureau of Programming	National Scenic Byways in Illinois	IDOT will award National Scenic Byways in Illinois grant agreements to promote the roadways that are designated byways and the attractions along them.

Project Funding Breakdown:	Cost
Total Costs	\$404,125.00
Federal Total	\$323,300.00
FY21 Authorization Request	\$185,625.00
Federal FY21 Authorization Request	\$148,500.00

CHAPTER ONE – PART ONE IDOT PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E55 HPR-66-020-20	Highway Project Implementation	Bureau of Design and Environment (BDE)	Environmental Survey and Tracking System	Project Monitoring Application (PMA) was created for the BDE Location and Environment Section (L&E) more than 25 years ago. A Web Environmental Survey Request (ESR) form allows the Local Public Agencies (LPAs) and consultants to submit ESRs, which ultimately populate into PMA. BDE would partner with Bureau of Information Processing (BIP) on the development of the new system and use the Statewide Planning and Research funds to cover some of the costs associated with Information Technology development. The IT Staff will play a key role in research activities, determining the new systems' requirements, scoping and planning needs as well as data collection and analysis. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the total project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$6,550,000.00
Federal Total	\$5,240,000.00
IDOT Labor Costs	\$1,310,000.00
FY21 Authorization Request	\$3,750,000.00
Federal FY21 Authorization Request	\$3,000,000.00

CHAPTER ONE – PART ONE IDOT PROJECTS
PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E56 HPR-66-021-20	Highway Project Implementation	Bureau of Operation	IDOT Transportation Systems Management and Operations (TSMO) Program Plan	The TSMO Program plan provides the structure by which IDOT coordinates across disciplines, projects, and services to deliver the strategic vision. It also serves as the business plan for TSMO activities to support the business decisions and processes needed to deliver a safe, efficient, and reliable transportation system while supporting the state's environmental and economic health. The TSMO Program Plan will build upon IDOT projects including: IDOT LRTP; MPO plans; ITS Arch/Strat Plan; Statewide Advanced Traffic Management System (ASTM) Study; D-1 Arterial Transportation Management System (TMS) study; Traffic Policies and Procedures Manual. FY2020 contract with Atkins North America Inc. totaling \$450,764. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the total project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$625,000.00
Federal Total	\$500,000.00
IDOT Labor Costs	\$125,000.00
FY21 Authorization Request	\$156,250.00
Federal FY21 Authorization Request	\$125,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E57 HPR-66-022-20	Highway Project Implementation	Bureau of Design and Environment (BDE)	Adaptive Roadway Lighting Control	Currently LED roadway luminaries are being installed around the State with 7-pin receptacles and shorting caps on top of the fixture. The Department is currently preparing a Request for Information (RFI) for a potential large scale P3 deployment of LED roadway lighting with consideration of lighting controls and asset management capabilities. The study will require a collaboration between various Districts and Bureaus to assess the current and future data needs of the Department. The project will investigate the most effective way to identify, mine, secure, transmit, process and management data using this technology as the platform while evaluating compatibility with other ITS systems at IDOT. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the total project costs to the total cost of the project.

Project Funding Breakdown:	Cost
Total Costs	\$500,000.00
Federal Total	\$400,000.00
IDOT Labor Costs	\$100,000.00
FY21 Authorization Request	\$93,750.00
Federal FY21 Authorization Request	\$75,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E58 HPR-66-023-20	Planning and Programming	Bureau of Programming	Origin / Destination Data & Tools	The project is to request funding to purchase the necessary INRIX data for planning within IDOT and the Illinois Metropolitan Planning Organization's (MPO). The INRIX data will be used with the University of Maryland CATT Lab RITIS tools (See Function D30 Performance Management Research Data Set)

Project Funding Breakdown:	Cost
Total Costs	\$2,050,000.00
Federal Total	\$1,640,000.00
FY21 Authorization Request	\$375,000.00
Federal FY21 Authorization Request	\$300,000.00

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PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E63* HPR-66-028-20	Planning and Programming	Bureau of Data Collection	Crash Information System (CIS) Rewrite & Maintenance	The CIS is the central system used by the Bureau of Data Collection to both enter data elements for each motor vehicle crash reported in a calendar year by Illinois law enforcement agencies and used to locate the crashes on a map. During the rewrite, a piece will be put in place for smaller agencies to enter their crash report information electronically straight into CIS, which will increase the electronic percentage. Total project cost: \$6,105,000; FY24 - \$1,166,000; FY25 - \$55,000; FY26 - \$55,000; FY27 - \$55,000; FY28 - \$55,000; FY29 - \$55,000. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$7,631,250.00
Federal Total	\$6,105,000.00
IDOT Labor Costs	\$1,526,250.00
FY21 Authorization Request	\$4,716,250.00
Federal FY21 Authorization Request	\$3,841,750.00

*This project has funding identified past SFY 2025. SFY 21 Authorization request will include funding through SFY 2025. SFY26-SFY29 funding authorization required will occur in SFY 2025.

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E65 HPR-66-062-20	Office of Highway Project Implementation	Bureau of Design and Environment (BDE)	Tri-Level Pumping Area Program - Groundwater Hydraulic Model	There are several large pump stations in District 8 near the Tri-Level Interchange of Interstates 55/64/70 in Madison and Fairmont Counties. The pumps run almost continuously in order that groundwater not overtop and close the associated interstate routes. There is a considerable chemical contamination plume in the area groundwater created by industrial sources in the vicinity over many years. It now appears the pumping over some forty-plus years might be attracting the plume closer to the pumps. BDE, District 8, the Bureau of Personnel Management, Illinois EPA, and Illinois DNR have formed a working group to investigate the issue. As a part of that effort, we need the Illinois State Water Survey (ISWS) to gather and compile sampling data and to construct a groundwater hydraulic model for the area. Field work includes installation of flow meters, and groundwater sampling. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$1,250,000.00
Federal Total	\$1,000,000.00
IDOT Labor Costs	\$250,000.00
FY21 Authorization Request	\$750,000.00
Federal FY21 Authorization Request	\$600,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E66 HPR-66-063-20	Office of Planning and Programming	Bureau of Data Collection	Statewide Pedestrian Stop Study	The Illinois Department of Transportation Bureau of Data Collection will provide a standardized law enforcement data compilation form and analyze the data provided by law enforcement agencies. The Bureau of Data Collections will submit a report annually of the previous year's findings to the Governor, the General Assembly, the Racial Profiling Prevention and Data Oversight board and each law enforcement agency. A vendor has been selected to conduct the analysis to detect "Statistically significant aberrations" in the pedestrian stop statically data. This project was previously funded using state planning funds but will use federal funds in the future.

Project Funding Breakdown:	Cost
Total Costs	\$87,432.00
Federal Total	\$69,945.60
FY21 Authorization Request	\$58,288.00
Federal FY21 Authorization Request	\$46,630.40

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
D44 HPR-66-017-21	Highway Project Implementation	Bureau of Bridges and Structures (BBS)	AASHTOWare Bridge Products License Contract	Annual Request. The American Association of State Highway and Transportation Officials (AASHTO) provides software and maintenance called AASHTOWare which includes but is not limited to, AASHTOWare Bridge: AASHTOWare Bridge Rating Unlimited, AASHTOWare Bridge Design Unlimited, AASHTOWare Bridge Management Super Site License, AASHTOWare Bridge Rating Agency Sponsored Consultant Licenses for over 30 Consultants, AASHTOWare Safety Analyst Site License. This includes periodic software releases, product enhancements and software support. A planned enhancement is being added to the existing AASHTOWare Bridge Rating (BrR) software which we currently use to determine load ratings on state and local structures. This planned enhancement to the BrR software will allow us to use those load rating evaluations and determine the adequacy of overload permit requests without using additional software programs. There is no additional cost to add this enhancement and will save the Department money over the years.

Project Funding Breakdown:	Cost
Total Costs	\$281,500.00
Federal Total	\$225,200.00
FY21 Authorization Request	\$281,500.00
Federal FY21 Authorization Request	\$225,200.00

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PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
P27 HPR-66-019-21	Planning and Programming	Bureau of Programming	Highway Program Planning	The purpose of this project is to reimburse the salaries of 13 employees in the Bureau of Programming. Costs vary due to employees leaving and new hires. These positions include: Bureau Chief of Programming, Annual Project Information Analyst, Highways Planning Manager, Program Development Section Chief, Interstate and Special Programs Manager, Urban Highway Program Manager, Intercity Highways Program Manager, System Performance Manager, Program Management Section Chief, Urban Highways Program Analyst, Project Information Manager, Special Program Manager and Database GIS Specialist.

Project Funding Breakdown:	Cost
Total Costs	\$2,500,000.00
Federal Total	\$2,000,000.00
FY21 Authorization Request	\$2,500,000.00
Federal FY21 Authorization Request	\$2,000,000.00

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 PROPOSED PROJECTS

Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E11 HPR-66-021-21	Highway Project Implementation	Local Roads and Streets	Highway Program, Planning and Engineering	The purpose of this project is to reimburse the salaries of 5 employees in the Bureau of Local Roads and Streets. Costs vary due to employees leaving and new hires. These positions include: Local Program Development Engineer, Local Planning and Programming Manager, Urban Programs Manager, Rural Bridge and Safety Programs Manager and Project Planning and Programming Technician.

Project Funding Breakdown:	Cost
Total Costs	\$1,116,183.00
Federal Total	\$892,946.40
FY21 Authorization Request	\$569,141.00
Federal FY21 Authorization Request	\$455,312.80

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E69 HPR-66-024-21	Office of Planning and Programming	Bureau of Research	Research Test and Certification Track	New FHWA regulations required the certification of data collection equipment for the HPMS submittals. FHWA has long since required that quality control testing that constitutes an incentive be conducted with certified equipment as well. The Department does not have any means to conduct this certification in a controlled and repeatable manner. The Bureau of Research would like to build a track in which this equipment certification can be carried out. This track will also serve as a location for pavement marking research, skid testing research and calibration, falling weight Deflectometer calibration, ground penetrating radar calibration, and finally mobile lidar calibration and research.

Project Funding Breakdown:	Cost
Total Costs	\$3,000,000.00
Federal Total	\$2,400,000.00
FY21 Authorization Request	\$3,000,000.00
Federal FY21 Authorization Request	\$2,400,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
D51 HPR-66-025-21	Office of Planning and Programming	Bureau of Planning	Illinois Official Highway Map 2021-2022	Mandated Statute (605 ILCS5/) Illinois Highway Code - (605 ILCS 5/4-101.13) (from ch. 121, par. 4-101.13) Sec. 4-101.13. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$585,720.00
Federal Total	\$468,576.00
IDOT Labor Costs	\$117,144.00
FY21 Authorization Request	\$585,720.00
Federal FY21 Authorization Request	\$468,576.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E70 HPR-66-026-21	Office of Planning and Programming	Bureau of Planning	Illinois Rail Needs Assessment Study	The Department is seeking a vendor to develop the Illinois Rail Needs Study to improve our understanding of the condition of the rail network, how that condition affects the efficiency of movement, the effect on the public transportation system, and identify opportunities for strategic investments to the rail network to improve overall transportation system efficiency. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$810,000.00
Federal Total	\$648,000.00
IDOT Labor Costs	\$360,000.00
FY21 Authorization Request	\$625,000.00
Federal FY21 Authorization Request	\$500,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E75 HPR-66-031-21	Highway Project Implementation	Bureau of Safety Programs and Engineering	Roadway Safety Educational Content Development	BSPE will be requesting assistance for a vendor to develop and produce creative materials for public relations campaigns, overall public education, and other initiatives that support the goals of IDOT. Examples of such materials would include, but not limited to; how and when to use a zipper merge, how to drive around bicyclists, how to drive around pedestrians, what is the move over law, how to drive around motorcyclists, best practices when running on a road with no sidewalks, what to do when on a disabled vehicles adjacent to a road. etc. This content will be used on social and local media, educational opportunities, and possibly on IDOT paid media campaigns. Exposing the public to this information has the potential to change behavior before it results in another fatal crash. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$937,500.00
Federal Total	\$750,000.00
IDOT Labor Costs	\$187,500.00
FY21 Authorization Request	\$937,500.00
Federal FY21 Authorization Request	\$750,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E80 HPR-66-036-21	Office of Planning and Programming	Bureau of Planning	Illinois Department of Transportation Active Transportation Plan (ATP)	The purpose of the ATP is to gain a better understanding of the active transportation network, its users, and potential users, to ensure the development of a vision for the future of active transportation. The ATP will assess trends and needs, identify opportunities for improvement, and guide policies and practices related to active transportation. In general, increased usage of the active transportation network provides societal benefits related to better health, increased transportation options, less vehicle emissions, and more livable communities, and therefore, it is anticipated that an overarching goal of the ATP will be to increase usage of the active transportation network. The ultimate product will be a statewide, comprehensive ATP that will be one of the suites of modal plans that complement the Department’s Long-Range Transportation Plan. The Project Scope includes a literature review, stakeholder outreach, data collection and analysis, establishment of a vision statement, development of goals, strategies, and performance measures, analysis of funding options, and completion of the final ATP document. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$1,875,000.00
Federal Total	\$1,500,000.00
IDOT Labor Costs	\$375,000.00
FY21 Authorization Request	\$1,875,000.00
Federal FY21 Authorization Request	\$1,500,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
E99 HPR-66-058-21	Highway Project Implementation	Bureau of Safety Programs and Engineering	Collision Diagram Tool	The scope of the project would be to develop a customized collision diagram system tool to help IDOT identify crash patterns at intersection locations. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$625,000.00
Federal Total	\$500,000.00
IDOT Labor Costs	\$125,000.00
FY21 Authorization Request	\$625,000.00
Federal FY21 Authorization Request	\$500,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
F11 HPR-66-059-21	Office of Highway Project Implementation	Bureau of Safety Programs and Engineering	Highway Safety Improvement Program (HSIP) Application Database	The scope of the project is to develop a system where applications for HSIP projects can be submitted by district personnel for both local and state routes, reviewed by central office, and notifications can be sent back and forth between parties. It would also track projects and allow to export data to develop reports of the HSIP program. The database shall have the capability to export to excel, word, and GIS. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$375,000.00
Federal Total	\$300,000.00
IDOT Labor Costs	\$75,000.00
FY21 Authorization Request	\$375,000.00
Federal FY21 Authorization Request	\$300,000.00

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Function Number State Job Number	Office	Project Title	Description of Project
F04 HPR-66-064-21	District 9	IDOT District 9 Pedestrian and Bike Data	<p>This project involves the purchase of bike and pedestrian traffic data from a vendor. Bike and pedestrian data in the District are very limited and available only at a very few locations where manual or video counts have been taken specifically for that purpose. These counts are labor intensive and expensive to conduct each time bike and pedestrian data is needed. Additionally, bike and pedestrian data can be quite variable from day to day so numerous days of counts are needed to obtain an accurate representation of the traffic. With the pervasiveness of smart phones and various fitness trackers immense amounts of bike and pedestrian data is being captured. This data is being processed and made available for purchase by several vendors nationwide. Access to this data would provide a tremendous time savings since data for the entire district would be instantly available. Labor saving would also be significant since and there would be no need for manual counts and video processing. Accuracy would also be increased since the data can be averaged over any desired time.</p>

Project Funding Breakdown:	Cost
Total Costs	\$300,000.00
Federal Total	\$240,000.00
FY21 Authorization Request	\$300,000.00
Federal FY21 Authorization Request	\$240,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
F09 HPR-66-071-21	Highway Project Implementation	Bureau of Design and Environment Geologic & Waste Assessment Unit	Regulated Substances Management Tool (RSMT)	The regulated substances work involves planning, conducting and documenting environmental-related evaluations in Phase 1 and Phase 2, including: <ul style="list-style-type: none"> •Site investigation and soil management expertise for road construction projects and Capital Improvement Unit for Capital Development Board (CDB) projects; •Underground storage tank (UST) removals at IDOT properties; •Leaking Underground Storage Tank (LUST) and Site Remediation Program (SRP) incidents on behalf of Operations and land acquisition and OCC; •Technical and financial reviews of Highway Authority Agreements (HAAs); • Consultant agreement management, tracking, finances, invoicing; •Roadway spills and emergencies for Bureau of Operations and Office of Chief Counsel; •Environmental compliance expertise for central and district Operations; • Training and education for the Operations, Construction, Land Acquisition, Utilities, contractors and consultants, and DESUs; •Groundwater ordinances and RCRA permit notifications. All these steps are currently done manually. To address these challenges, the department will develop a Regulated Substances Management Tool (RSMT) to track and manage our technical work, track, and report finances/invoices, and communicate with other Department systems more effectively. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$5,000,000.00
Federal Total	\$4,000,000.00
IDOT Labor Costs	\$1,000,000.00
FY21 Authorization Request	\$5,000,000.00
Federal FY21 Authorization Request	\$4,000,000.00

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Function Number State Job Number	Office	Bureau	Project Title	Description of Project
F10 HPR-66-072-21	Office of Planning and Programming	Bureau of Planning	District Freight Plans	The plans will build upon the 2017 Illinois State Freight Plan to provide an in-depth analysis of regional freight impacts, opportunities, and performance. The purpose of the study is to provide a better understanding of the demands that freight places on the regional transportation infrastructure and to provide a framework that addressed key state freight planning goals. These plans would produce county freight profiles consisting of mapping freight generators, identifying freight related problems, making recommendations for solutions. Freight system profiles will be completed to illustrate physical system and economic components. The plans will conclude by identifying transportation strategies to improve the movement of freight and promote economic growth. Working in conjunction with Metropolitan Planning Organizations and selective stakeholders, the district freight plans will build upon previous planning efforts and add a deeper analysis of problem areas throughout the State. IDOT may seek federal reimbursement for labor costs dedicated to the completion of this project. This is represented by adding 25% of the project costs to the total costs of the project.

Project Funding Breakdown:	Cost
Total Costs	\$3,125,000.00
Federal Total	\$2,500,000.00
IDOT Labor Costs	\$625,000.00
FY21 Authorization Request	\$3,125,000.00
Federal FY21 Authorization Request	\$2,500,000.00

Part Two – External SPR Funded Projects

Program Costs by Job Number

Function	APA State Job Number	Title	Federal Project Number	FY21 Programmed Costs	FY21 Federal Programmed Costs
E30	HPR-66-039-20	McHenry County Roadside Safety Review	ZTRJ(706)	\$180,000.00	\$144,000.00
E33	HPR-66-042-20	Collaborative Engagement Technology with Access Score	I11N(149)	\$55,000.00	\$44,000.00
E35	HPR-66-044-20	Champaign County Safety Plan Implementation: Safety Study of Top 20 High Priority Intersections and Segments	Z70C(026)	\$11,000.00	\$8,800.00
E44	HPR-66-053-20	Southwest Industrial Corridor Transportation Planning Support Services	6DYZ(912)	\$100,000.00	\$80,000.00
E46	HPR-66-055-20	Feasibility and Implementation Plan for Access Improvements to South Branch Parks and Neighborhoods	60JN(989)	\$50,000.00	\$40,000.00
E49	HPR-66-058-20	Economic Benefits of the CREATE Program and Freight and Passenger Rail in the Chicago Region	22MA(777)	\$50,000.00	\$40,000.00
E50	HPR-66-060-20	Utilization of StreetLight Data to Improve the Accuracy and Functionality of the Regions TDM and MTP	QVG7(544)	\$81,750.00	\$65,400.00
E16	HPR-66-089-19	Travel Demand Model	SRKT(172)	\$66,630.00	\$53,304.00
E68	HPR-66-022-21	Greater Egypt Rural Transportation Planning Study	WJUC(993)	\$200,000.00	\$160,000.00
E71	HPR-66-027-21	Roadmap for Transit Signal Priority (TSP) at CTA	3JNB(867)	\$375,000.00	\$300,000.00
E72	HPR-66-028-21	Illinois Crash Data Entry	TJFN(516)	\$500,000.00	\$400,000.00
E73	HPR-66-029-21	Perry County Small Drainage Structure Inventory	VXBZ(787)	\$26,000.00	\$20,800.00
E74	HPR-66-030-21	Clay County Asset Management Initiative	89SQ(953)	\$75,000.00	\$60,000.00
E76	HPR-66-032-21	Greene County Asset Management Initiative	QI4E(843)	\$50,000.00	\$40,000.00
E77	HPR-66-033-21	I-90 Transit Access Study	KVOE(236)	\$250,000.00	\$200,000.00

CHAPTER ONE – PART TWO EXTERNAL PROJECTS
PROPOSED PROJECTS

Function	APA State Job Number	Title	Federal Project Number	FY21 Programmed Costs	FY21 Federal Programmed Costs
E78	HPR-66-034-21	R1PC Freight Plan	9SME(571)	\$195,000.00	\$156,000.00
E79	HPR-66-035-21	America's Central Port Infrastructure Conditions Assessment	DNMV(725)	\$486,000.00	\$388,800.00
E81	HPR-66-037-21	Willowbrook Corner Transit Service Plan	2YCM(028)	\$50,000.00	\$40,000.00
E82	HPR-66-038-21	City of Urbana Florida Avenue Corridor Study	L3DK(622)	\$180,849.00	\$144,679.20
E35	HPR-66-039-21	Champaign County Safety Plan Implementation	JZCR(978)	\$181,152.00	\$144,921.60
E83	HPR-66-040-21	Systemic Safety Evaluation Tool (SSET)	8SZ4(072)	\$380,098.00	\$304,078.40
E84	HPR-66-041-21	Auburn Street Corridor Study	J23R(466)	\$150,000.00	\$120,000.00
E85	HPR-66-042-21	Passenger Rail Feasibility Study between Rockford IL & Dubuque IA	LT43(633)	\$345,000.00	\$276,000.00
E86	HPR-66-043-21	Woodford County Asset Management Program Software Project	WDID(936)	\$114,000.00	\$91,200.00
E87	HPR-66-044-21	Port Master Plan Study	3MBH(003)	\$250,000.00	\$200,000.00
E88	HPR-66-045-21	R1PC Keith Creek Corridor Study	P1R6(049)	\$281,000.00	\$224,800.00
E89	HPR-66-046-21	R1PC Passenger Rail Station Conceptual Siting Analysis	85XJ(440)	\$175,000.00	\$140,000.00
E90	HPR-66-047-21	Asset Management Database Collection	8BS2(372)	\$500,000.00	\$400,000.00
E91	HPR-66-048-21	Metra's Systemwide On/Off Rail Ridership Counts	0WY2(600)	\$585,000.00	\$468,000.00
E92	HPR-66-049-21	9th St./Peoria Rd. Corridor Redevelopment	EJ4Z(291)	\$250,000.00	\$200,000.00
E49	HPR-66-050-21	CREATE Program Planning Support	042C(478)	\$500,000.00	\$400,000.00
E93	HPR-66-051-21	Railroad-Related Support Services	9DNN(265)	\$500,000.00	\$400,000.00
E94	HPR-66-052-21	Land Use Inventory and Parcel Model for Champaign, Urbana, and Savoy	5ORF(108)	\$405,090.00	\$324,072.00
E95	HPR-66-053-21	Targeted Traffic Safety Behavior Change and Marketing Research	1GDL(400)	\$250,000.00	\$200,000.00

CHAPTER ONE – PART TWO EXTERNAL PROJECTS
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Function	APA State Job Number	Title	Federal Project Number	FY21 Programmed Costs	FY21 Federal Programmed Costs
E96	HPR-66-054-21	Regulating Plan/Form Based Code for the Moline Multimodation Station TOD Zone and I-74 Bridge Realignment Zone	41PA(995)	\$200,000.00	\$160,000.00
E97	HPR-66-055-21	Illinois Great Streets Planning	RQM3(519)	\$622,993.00	\$498,394.40
F07	HPR-66-056-21	Central Illinois Smart Mobility Laboratory Framework	RZSE(552)	\$1,000,000.00	\$800,000.00
E98	HPR-66-057-21	Route 66 Planning Grant	WJQV(732)	\$200,000.00	\$160,000.00
F01	HPR-66-060-21	Tri-County Regional Asset Management Planning	WXUI(132)	\$256,268.00	\$205,014.40
F02	HPR-66-061-21	Greater Peoria Activity-Based Travel Demand Model	TRPL(708)	\$480,000.00	\$384,000.00
F03	HPR-66-062-21	Pace Suburban Bus ADA Paratransit and Vanpool Customer Service Survey	XI5E(527)	\$150,000.00	\$120,000.00
E08	HPR-66-063-21	METSI Metropolitan Transportation Support Initiative	YBVF(723)	\$1,718,750.00	\$1,375,000.00
F05	HPR-66-065-21	Planning for Emerging Mobility: Testing and Deployment in Illinois	ESXB(775)	\$812,500.00	\$650,000.00
D69	HPR-66-066-21	CMAP Technical Assistance Planning Program Support	GYH9(474)	\$330,000.00	\$264,000.00
F06	HPR-66-067-21	Mississippi River Ports of Eastern Iowa and Western Illinois (MRPEIWI) Mapping Tool and Data Collection	CWTV(804)	\$60,000.00	\$48,000.00
F16	HPR-66-069-21	Equity Performance Measures: Invest in Cook Pilot	BIG6(423)	\$631,611.00	\$505,288.80
F08	HPR-66-070-21	Web-Based Regional Environmental Framework	ZZ3G(685)	\$184,370.00	\$147,496.00
F12	HPR-66-073-21	City of Washington Collaborative and Comprehensive Land Use, Economic Development, and Transportation Plan	3XW3(440)	\$200,000.00	\$160,000.00
Total				\$14,695,061.00	\$11,756,048.80

CHAPTER ONE – PART TWO EXTERNAL PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E30 HPR-66-039-20	McHenry County Division of Transportation	McHenry County Roadside Safety Review	This planning project aims to identify and address current and future safety issues along county roadways. McHenry County has 220 centerline miles of roadway under its jurisdiction in all types of land use environments - urban, suburban, and rural. This project's scope will include an evaluation of the existing safety conditions of county roadsides, a development of performance criteria which can be used to prioritize future safety projects, and lists of recommended safety projects to be incorporated into the County's Five-Year Transportation Program.

Project Funding Breakdown:	Cost
Total Costs	\$500,000.00
Federal Total	\$400,000.00
FY21 Authorization Request	\$180,000.00
Federal FY21 Authorization Request	\$144,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E33 HPR-66-042-20	Champaign County Regional Planning Commission (CCRPC)	Collaborative Engagement Technology with Access Score	CCRPC propose Collaborative Engagement Technology (CET), an approach that aims to combine the strengths of both individual engagement technology and transitional public meetings. Inspired by collaborative video games, in which players use technology to facilitate an in-person gaming experience, CET allows participants to engage with one another in a way that is mediated and enhanced by technology. Participants remain engaged with the discussion occurring in the meeting space and use the technology, in combination with verbal conversations, to communicate their opinions and to build on the ideas of others. In a CET-facilitated meeting, the facilitator controls a web application connected to a projector or other large screen that can be seen by the participants. Each participant has a phone or tablet - either a personal device or a device provided by the facilitator - that connects to the same application via the web. As the meeting progresses, the facilitator asks the group a series of questions, which appear on the participants' mobile devices. Participants enter their responses on their devices, and the responses are summarized by the application and displayed on the large screen in real time. The tables, charts, and maps generated by the application from the participants' responses serve as a conversation starter, allowing follow-up questions and verbal discussion of the issues raised by the participants.

Project Funding Breakdown:	Cost
Total Costs	\$205,000.00
Federal Total	\$164,000.00
FY21 Authorization Request	\$55,000.00
Federal FY21 Authorization Request	\$44,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E35 HPR-66-044-20	Champaign County Regional Planning Commission (CCRPC)	Champaign County Safety Plan Implementation : Safety Study of Top 20 High Priority Intersections and Segments	Identify, using a specific methodology, the high priority intersections and segments on county and township roadways in rural areas and city/township/county roadways in urban areas of Champaign County. The detailed safety analysis of the high priority segments and intersections include conducting traffic volume studies after collecting 12-hour traffic volumes and determining peak hour level of service, historic crash analysis including reviewing the collision diagrams and crash reports, site analysis comprising study of geometric conditions, access and gap analysis. Once the data for existing conditions at each of the top twenty locations is completed, detailed recommendations for improvements will be proposed so that the responsible agencies can make informed decisions to improve safety at the identified locations. These improvements will reflect the guidance from the Champaign Urbana Urbanized Area Transportation Study (CUUATS) Access Management Guidelines for the Urbanized Area, Manual of Uniform Traffic Control Devices (MUTCD) CUAATS Complete Street Policy, Illinois Strategic Highway Safety Plan and other related resources. The improvements will not only address existing issues but also possible impact of potential future land use developments. The selection of the top twenty locations as well as the safety analysis will be discussed and shared with the members of the CUUATS Safety Committee, which includes the agencies with jurisdiction over those locations.

Project Funding Breakdown:	Cost
Total Costs	\$106,000.00
Federal Total	\$84,800.00
FY21 Authorization Request	\$11,000.00
Federal FY21 Authorization Request	\$8,800.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E44 HPR-66-053-20	Chicago Department of Transportation (CDOT)	Southwest Industrial Corridor Transportation Planning Support Services	The Southwest Industrial Corridor (SWIC), located along I-55 on Chicago's Southwest Side is home to an active, growing cluster of manufacturers, warehousing and logistics businesses and related industries. The corridor is attracting new tenants from local, national, and international corporations. The City of Chicago's Department of Planning and Development (DPD) is currently preparing an initial analysis of the SWIC within the city to understand how the current and potential future mix of industrial land uses related to the existing infrastructure conditions and the movement of freight the city and region. CDOT will conduct analyses on how freight movement (specifically truck traffic) affects neighborhood traffic demand, operations, safety, and other community activity with the SWIC. It would provide important data and guidance to help determine next steps for potential improvements in the area to mitigate negative impacts from this traffic while sustaining the benefits of the corresponding economic activity.

Project Funding Breakdown:	Cost
Total Costs	\$400,000.00
Federal Total	\$320,000.00
FY21 Authorization Request	\$100,000.00
Federal FY21 Authorization Request	\$80,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E46 HPR-66-055-20	Chicago Department of Transportation (CDOT)	Feasibility and Implementation Plan for Access Improvements to South Branch Parks and Neighborhoods	The planning study will produce an implementation plan for a range of access improvements that connect the local communities and parks to existing right-of-way (ROW) and other transportation infrastructure. The project will include identifying coordinated connectivity projects for implementation, assessing the feasibility of each, developing a phased implementation strategy, articulating the economic impacts of the initiatives, and identifying funding opportunities for implementation. The scope of the planning study will focus on the "Connected Parks and Neighborhoods" chapter of the South Branch Parks Framework Plan. CDOT in close coordination with Chicago Department of Planning and Development (DPD), the Chicago Park District, and a planning consultant team will analyze existing conditions, coordinate and reconcile goals of various public and private organizations, agencies, and stakeholders, identify options for access strategies and routes, and analyze the physical, political and economic feasibility of the options. This project will include deliberate coordination and engagement with the following stakeholders at minimum: elected officials representing the study area, City of Chicago DPD, the Chicago Park District, the South Branch Park Advisory Council, other community organizations, local businesses, and community members.

Project Funding Breakdown:	Cost
Total Costs	\$200,000.00
Federal Total	\$160,000.00
FY21 Authorization Request	\$50,000.00
Federal FY21 Authorization Request	\$40,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E49* HPR-66-058-20	Chicago Department of Transportation (CDOT)	Economic Benefits of the CREATE Program and Freight and Passenger Rail in the Chicago Region	CDOT will conduct a comprehensive study on the economic impact of rail that will allow for a greater understanding of the impacts of transportation to the region, quantify the value of investments already made and being planned, identify future needs, improve public outreach and elected official outreach efforts and better position our region for additional investments needed as part of the Chicago Region Environmental and Transportation Efficiency Program (CREATE) and for rail-related transportation as a whole. This study will provide the ability to quantify both the economic impacts of passenger and commuter rail as well as their interactions with freight operations. This study will allow the diverse impacts of the CREATE Program to be quantified. Furthermore, an update to this study will allow for the full program benefits to be measured using the most up to date methodologies and modeling that is required especially for federal grants. This study will include outreach to rail users, local and national businesses, elected and appointed officials, and the general traveling public in order to best capture the impacts and importance of rail transportation in the region to all users. The study will allow for increased public awareness and participation in the planning and investment process. **

Project Funding Breakdown:	Cost
Total Costs	\$850,000.00
Federal Total	\$680,000.00
FY21 Authorization Request	\$50,000.00
Federal FY21 Authorization Request	\$40,000.00

*This project has funding identified past SFY 2025. SFY 21 Authorization request will include funding through SFY 2025. SFY26 funding authorization required will occur in SFY 2025.

**Any activities related to lobbying are not eligible for SPR funds.

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E50 HPR-66-060-20	Region 1 Planning Council	Utilization of StreetLight Data to Improve the Accuracy and Functionality of the Regions TDM and MTP	FY2020 Continuing Project: Region 1 Planning Council will utilize StreetLight Data to calibrate and improve the accuracy of the Travel Demand Model (TDM). Information is now available from location-based-services, vehicle GPS, and INRIX. This data will greatly improve the accuracy of the origin-destination matrix within the TDM. Using StreetLight Data will allow for more detailed analysis as it relates to scenario planning, performance measures, congestion studies, and other planning initiatives outlined in the Metropolitan Transportation Plan (MTP). StreetLight Data offers a large sample size with markedly improved accuracy. Traditional TDM calibration consists mostly of manual survey methods and automatic counter systems which are known to be costly, labor intensive and prone to inaccuracies. By utilizing StreetLight data these concerns are significantly reduced. Additionally, StreetLight offers a software program that mines large sets of travel data and provides detailed reports and analysis of specific components of this information for projects with regional or local context. The StreetLight data and software would be utilized for other studies and research into other components of the Metropolitan Transportation.

Project Funding Breakdown:	Cost
Total Costs	\$245,250.00
Federal Total	\$196,200.00
FY21 Authorization Request	\$81,750.00
Federal FY21 Authorization Request	\$65,400.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E16 HPR-66-089-19	Region 1 Planning Council	Travel Demand Model	The contract term is January 1, 2019 through June 30, 2023. Region 1 Planning Council will use the updated Regional Economic Model (REMI) and the Travel Demand Model (TDM) software over the next 5 years to conduct economic analysis and traffic projection studies to estimate the benefits of transportation projects, land-use decisions, economic policy and changes to industry workforce development.

Project Funding Breakdown:	Cost
Total Costs	\$398,707.50
Federal Total	\$318,966.00
FY21 Authorization Request	\$66,630.00
Federal FY21 Authorization Request	\$53,304.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E68 HPR-66-022-21	Greater Egypt Regional Planning and Development Commission	Greater Egypt Rural Transportation Planning Study	<p>This project will formalize a rural transportation planning organization for the Greater Egypt District that would operate similar to the Southern Illinois Metropolitan Planning Organization (SIMPO). This planning organization will serve as a platform for cooperative transportation planning for the Greater Egypt region and would provide an opportunity for the rural areas outside of the MPO to utilize the funding strategies that have been successfully developed through the MPO planning process.</p> <p>The initial steps will involve organizing the membership, scheduling regular meetings and preparing general guidelines, goals and bylaws for the planning body. The next step would be to advertise and procure a consultant to prepare a Long-Range Transportation Plan for the Greater Egypt Region. Oversight of the consultant would be provided by Greater Egypt staff. Future efforts by this body would involve planning studies targeted to available funding streams. For example, Safety Studies would identify projects and prepare applications for HSIP funds.</p> <p>The organization will fulfill the objectives identified in the FHWA document “RTPO 101 Fact Sheet Series”. The organization will identify local transportation needs, conduct planning, assist local governments, and support the statewide transportation planning process in the non- metropolitan region of the Greater Egypt District. The organization would also provide a means for the State to meet the increased level of coordination that is mandated by “Moving Ahead for Progress in the 21st Century (MAP-21)”. States are now required to cooperate with non-metropolitan local officials, a higher level of engagement than the previous requirement of consultation.</p>

Project Funding Breakdown:	Cost
Total Costs	\$200,000.00
Federal Total	\$160,000.00
FY21 Authorization Request	\$200,000.00
Federal FY21 Authorization Request	\$160,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E71 HPR-66-027-21	Chicago Transit Authority (CTA)	Roadmap for Transit Signal Priority (TSP) at CTA	The Chicago Transit Authority (CTA) will conduct a high-level technical research for Transit Signal Priority (TSP) architecture and provide recommendations that will allow for a TSP system that works efficiently, effectively, and for the long-term. TSP is a system that modifies traffic signal timing or phasing when buses are at or approaching an intersection. First, the consultant will create a technical planning report for CTA and CDOT. This will include a review of TSP systems in operation throughout the world as well as emerging technologies in the field to provide insight into what TSP architecture would be best for Chicago area. Second, the consultant will develop an implementation plan that outlines the necessary steps for CTA, CDOT and OEMC for adopting the recommended TSP architecture layout and provide a rough order of magnitude cost. This plan will list out the guidelines for a pilot test, to be done in a separate phase/under a different project. The consultant will assess existing conditions, explain best practices and challenges in Chicagoland’s context, and investigate all TSP architecture available today and emerging technologies. This project process involves background research, data evaluation of the existing system, practices/vendor/technology research, and coordination with other city agencies. While CTA is the lead agency with respect to this application, the project is conceived as an inter-agency project and would be managed in close coordination with CDOT.

Project Funding Breakdown:	Cost
Total Costs	\$375,000.00
Federal Total	\$300,000.00
FY21 Authorization Request	\$375,000.00
Federal FY21 Authorization Request	\$300,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E72 HPR-66-028-21	Chicago Metropolitan Agency for Planning (CMAP)	Illinois Crash Data Entry	<p>Currently there are 4,500 crash reports to be entered for the 2019 coding year and 4,400 for the 2020 coding year. Pending legislation would mandate that all crash reports be submitted to IDOT electronically, thus eliminating any data entry backlog. Until such time however, the data backlog needs to be maintained.</p> <p>As a result, CMAP has offered to conduct a project to assist in expediting the processing of this data and reduce the time lag for actionable data by hiring temporary staff (“crash coders”) to aid with processing the crash data. Once the data backlog has been eliminated, and until such time the electronic submittal of crash reports is legislated, they will retain the data entry personnel to aid in reducing additional data backlogs.</p> <p>CMAP anticipates hiring approximately ten crash coders for 12 or more months. IDOT staff in the Traffic Statistics Unit will train the coders in crash data entry, quality control, etc. according to IDOT’s procedures, with the coders traveling to the IDOT central office in Springfield for the training. CMAP staff will then be responsible for supervising the crash coders. The crash coders will be expected to meet productivity and accuracy goals mutually agreeable to IDOT and CMAP. The crash coders will focus on entry of the data on the written crash reports and will not be responsible for geolocation of the crashes.</p> <p>IDOT will provide access to the state’s crash information system for CMAP staff and the crash coders over a virtual private network or other system. Data entry will occur directly in the IDOT crash information system. CMAP will provide computer hardware and office space for the project.</p>

Project Funding Breakdown:	Cost
Total Costs	\$500,000.00
Federal Total	\$400,000.00
FY21 Authorization Request	\$500,000.00
Federal FY21 Authorization Request	\$400,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E73 HPR-66-029-21	Perry County Highway Department	Perry County Small Drainage Structure Inventory	<p>The project will consist of inspection and collection of data for small drainage structures (5 foot and smaller) in Perry County. This dataset will complete the inventory of all small structures in the County (structures from 5’ to 20’ were surveyed using an SPR grant in 2019).</p> <p>Greater Egypt will provide to Perry County a GIS based map listing each structure to be inspected. The map will include the structure type and size from IDOT’s current inventory as well as the Key Route, station, Road Name and structure coordinates. The county will obtain or verify the following additional data for each drainage structure:</p> <ol style="list-style-type: none"> 1. Type – (CMP, RCCP, RCBC, etc.) 2. Size 3. Approximate Length (GPS data acceptable) 4. Approximate Fill Height (GPS data acceptable) 5. Feature crossed 6. Condition Rating <p>County staff will incorporate this additional data into the provided map. Photographs of the culvert will be taken and linked to the spreadsheet/GIS data for convenient use.</p> <p>After the conclusion of the project, the County will update this pipe culvert survey and the pipe culvert survey performed 2 years ago on a regular basis. This continuously updated inventory will provide the County a complete overview of the status of all pipe culverts as well as history on performance of each pipe placed.</p>

Project Funding Breakdown:	Cost
Total Costs	\$26,000.00
Federal Total	\$20,800.00
FY21 Authorization Request	\$26,000.00
Federal FY21 Authorization Request	\$20,800.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E74 HPR-66-030-21	Clay County	Clay County Asset Management Initiative	The proposed project will provide a GIS database for the county and road district infrastructure including size, type, condition, and GPS location of existing across road culverts, signs, and pavements in Clay County. This information will be used by the county and townships to analyze roadway conditions to ensure proactive asset management of its infrastructure. The ability to do right time maintenance ensuring a safe and continuous flow of the transportation system without unknown interruptions will benefit the traveling public as well as realizing savings in operational costs. This will include the updating for the hardware and software needed for the GIS and pavement management applications.

Project Funding Breakdown:	Cost
Total Costs	\$75,000.00
Federal Total	\$60,000.00
FY21 Authorization Request	\$75,000.00
Federal FY21 Authorization Request	\$60,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E76 HPR-66-032-21	Greene County	Greene County Asset Management Initiative	The proposed project will provide a GIS database that will collect the size, type, condition and GPS location of across road culverts and small structures in Greene County. This information will be used by the county to analyze infrastructure conditions to ensure proactive asset management. The ability to complete right time maintenance and structure replacements will ensure a safe and continuous flow of traffic without unknown interruptions which benefits the traveling public as well as realizing savings in operational costs for the county and its citizens.

Project Funding Breakdown:	Cost
Total Costs	\$50,000.00
Federal Total	\$40,000.00
FY21 Authorization Request	\$50,000.00
Federal FY21 Authorization Request	\$40,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E77 HPR-66-033-21	Village of Schaumburg	I-90 Transit Access Study	Building on the success of Pace’s I-90 Corridor Service expansion in 2017, the Village of Schaumburg, in partnership with Pace Suburban Bus, will complete a preliminary study that would evaluate opportunities to provide direct transit access to and from I-90 in order to reduce travel times and improve service efficiency between the I-90 corridor and the Northwest Transportation Center. The study will evaluate opportunities to improve the existing service to these destinations and will consider how improved transit access to I-90 might open up opportunities to expand service to other key transportation and employment destinations. In addition to improving access for existing transit services, the study would also serve as the foundation for potential service expansions that are anticipated to serve the 90N District West (former Motorola campus) and the 90N District East planned entertainment district. The transformation of these areas focuses on the development of a mixed-use district, centered on a multimodal transportation network that includes a strong transit component in order to provide both local and regional connectivity to the area. Working in partnership with Pace, IDOT and the Illinois Tollway, the proposed I-90 Transit Access Study would help to set the path for future transit improvements for both Schaumburg and the region. Once completed, the preliminary study would deliver a report that will serve as the foundation for the necessary engineering studies so that the desired transit access can be constructed.

Project Funding Breakdown:	Cost
Total Costs	\$250,000.00
Federal Total	\$200,000.00
FY21 Authorization Request	\$250,000.00
Federal FY21 Authorization Request	\$200,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E78 HPR-66-034-21	Region 1 Planning Council	R1PC Freight Plan	<p>The overarching goal for this project is to strengthen the connection between the region’s key freight transportation assets, core industries, and land use development.</p> <p>The ultimate product of the project is the development of the Regional Freight Plan that provides a blueprint for the Rockford region regarding freight-related infrastructure improvements, freight-related land use planning, and freight linkages to economic development. The final report and documentation would emphasize the regional and local freight impacts and needs, integrate with the statewide freight planning efforts, and help performance-based planning. The final report would include freight mobility goals; narrative on the importance of freight to the regional economy; overview of the trends, issues, and needs of the freight system; outline of the freight policies, programs, and institutions, including freight infrastructure funding; overview on the region’s freight infrastructure assets; and a recommendations and implementation plan. To achieve the overarching goal of this project, the MPO will embark on the following development process: Phase I: Establish Project Management & Freight Working Group Phase II: Identify Problem Statement Phase V: Identify Strategies & Opportunities Phase III: Develop Goals for the Plan Phase IV: Establish Performance Measures Phase VI: Recommend Priorities for Implementation Phase VII: Draft & Adopt the Plan Phase VII: Draft & Adopt the Plan.</p>

Project Funding Breakdown:	Cost
Total Costs	\$195,000.00
Federal Total	\$156,000.00
FY21 Authorization Request	\$195,000.00
Federal FY21 Authorization Request	\$156,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E79 HPR-66-035-21	America's Central Port District	America's Central Port Infrastructure Conditions Assessment	<p>The America's Central Port Infrastructure Conditions Assessment will document the current condition of the rail, road, and sewer assets on the America's Central Port property. This information will be provided in GIS files for the Port to use in the creation of an asset management system.</p> <p>America's Central Port is an economic development agency tasked with promoting job growth and multi-modal transportation in Southwestern Illinois. To achieve this, it manages a 1,200-acre property, served by rail and road and containing two harbors, on which it leases out warehouse, office, and land to industrial and manufacturing tenants. Maintaining its existing infrastructure and constructing new infrastructure is a critical activity the Port undertakes to achieve its goal of attracting businesses to the area and promoting the use of river and rail freight transportation. The Port will hire an engineering firm to conduct the assessment and prepare the GIS files. With the data from the assessment, the Port will be able to make data-driven decisions as it prepares its annual capital improvement plan. This data will help identify and prioritize key projects, find efficiencies by collocating projects, and identify opportunities for preventative maintenance.</p>

Project Funding Breakdown:	Cost
Total Costs	\$486,000.00
Federal Total	\$388,800.00
FY21 Authorization Request	\$486,000.00
Federal FY21 Authorization Request	\$388,800.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E81 HPR-66-037-21	DuPage County	Willowbrook Corner Transit Service Plan	<p>The Willowbrook Corner Transit Service Plan is intended to identify a potential transit solution for a community that the Illinois Department of Commerce and Economic Opportunity describes as underserved and economically challenged. The area is currently served by one Pace route (664). This is a very limited peak hour service that transports passengers to/from the Clarendon Hills Metra Station 3 times during the morning and evening peak periods. No other regular service offering connections to other parts of DuPage or the region are currently available.</p> <p>The intent of the Service Plan is to establish the following: Demand; Maximization of opportunity through routing; Operating period(s); Cost of equipment; Cost of service options and labor; Cost participants; Advisory participation – incorporate experience from other local providers; Agency responsibility for operation/dispatch; Qualification for Pace Locally Based Service or Municipal Vehicle Program; Pilot Test Period; Implementation Plan; Pilot performance metrics – goals and return on investment</p> <p>The County proposes to contract with a qualified consultant to perform a service plan in consultation with the County, local villages of Willowbrook, Darien, Burr Ridge and Hinsdale. The product should also discuss next steps to implement and put a pilot program into place. A clear vision of performance expectations will be included in the Plan so residents understand the requirements for continuing or discontinuing the pilot.</p>

Project Funding Breakdown:	Cost
Total Costs	\$50,000.00
Federal Total	\$40,000.00
FY21 Authorization Request	\$50,000.00
Federal FY21 Authorization Request	\$40,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E82 HPR-66-038-21	Champaign County Regional Planning Commission	City of Urbana Florida Avenue Corridor Study	<p>The Florida Avenue Corridor Study will evaluate 1.12 miles of Florida Avenue in the City of Urbana (2017 population: 42,141) in Central Illinois. The goal of this study is to identify and coordinate multimodal infrastructure improvements to increase safety and mobility in this high-priority, high-traffic location situated between the City of Urbana and the University of Illinois flagship campus in Urbana-Champaign. The primary motivation for this corridor study is based on the corridor’s central intersection of Florida Avenue and Race Street, which was identified as one of the top 5 percent of priority safety locations in District 5 in 2017 (Map 1). During the 5-year safety analysis period, 28 crashes, including 3 type-A crashes, occurred at this intersection. The intersection currently operates as an urban 4-leg all-way stop controlled intersection.</p> <p>The City of Urbana would like to take advantage of Highway Safety Improvement Program (HSIP) funds to improve the Florida Avenue/Race Street intersection as soon as a full corridor study can be completed to thoroughly compare possible improvements to maximize safety improvements for all modes within the corridor study area. The corridor study recommendations will incorporate all modes of transportation because the City of Urbana is committed to supporting active transportation as a healthy and environmentally responsible way to get around.</p>

Project Funding Breakdown:	Cost
Total Costs	\$180,849.00
Federal Total	\$144,679.20
FY21 Authorization Request	\$180,849.00
Federal FY21 Authorization Request	\$144,679.20

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E35 HPR-66-039-21	Champaign County Regional Planning Commission	Champaign County Safety Plan Implementation	This project’s aims to implement specific recommendations from the Safety Plans related to conducting detailed safety analysis of specific locations identified using a specific methodology for identifying high priority intersections and segments on county and township roadways in rural areas and city/township/county roadways in urban areas of Champaign County using the last five-year of available crash data. The proposed detailed safety analysis of the high priority segments and intersections include conducting traffic volume studies after collecting 12-hr traffic volumes at each location and determining peak hour level of service, historic crash analysis including reviewing the collision diagrams and crash reports, site analysis comprising study of geometric conditions, access and gap analysis. Once the data for existing conditions at each of the top twenty locations is completed, detailed recommendations for improvements will be proposed so that the responsible agencies can make informed decisions to improve safety at the identified locations. These improvements will be based on guidance from the CUUATS Access Management Guidelines for the Urbanized Area, Manual of Uniform Traffic Control Devices (MUTCD), CUUATS Complete Street Policy, Illinois Strategic Highway Safety Plan and other related resources. Task 1. Identify high priority intersections and segments in urban and rural areas of Champaign County for the proposed safety analysis using the most recent crash data. Task 2. Data Collection for Safety Analysis. Task 3. Safety analysis for high priority segments and intersections. Task 4. Recommendations based on the safety analysis. Task 5. Prioritize safety projects for funding.

Project Funding Breakdown:	Cost
Total Costs	\$181,152.00
Federal Total	\$144,921.60
FY21 Authorization Request	\$181,152.00
Federal FY21 Authorization Request	\$144,921.60

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E83 HPR-66-040-21	Champaign County Regional Planning Commission	Systemic Safety Evaluation Tool (SSET)	SSET will be a web application that allows state, county, and municipal engineers to evaluate systemic crash risks, explore potential countermeasures, and estimate the benefits and costs of safety improvement projects, using the Champaign County Highway Department roadway network as a demonstration project. Using a systemic approach to conduct safety assessment, SSET will allow the engineers to identify projects with the greatest potential safety impact and will streamline the process of preparing supporting documents for Highway Safety Improvement Program (HSIP) funding. SSET will address the limitations of the existing site-specific safety analysis approach and provide a tool that integrates data management, data analytics, visualization, and report generation. SSET will allow state and local governments to be nimbler in responding to safety priorities and expand their ability to make informed and effective safety investment decisions. SSET will be developed in five phases, with participation from Champaign County Highway Department and IDOT, in every phase to review and provide comments: Safety Database Preparation; Risk Assessment Development; Cost-Benefit Tool Conversion; Web Application Development; Application Documentation, Deployment and Testing

Project Funding Breakdown:	Cost
Total Costs	\$380,098.00
Federal Total	\$304,078.40
FY21 Authorization Request	\$380,098.00
Federal FY21 Authorization Request	\$304,078.40

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E84 HPR-66-041-21	City of Rockford	Auburn Street Corridor Study	<p>The Auburn Street Corridor Study will allow the City of Rockford to determine the types of transportation improvements and community enhancements that would most effectively address the corridor's failing infrastructure, implement the City's Complete Streets Policy, promote a better sense of well-being, and improve the movement of economic activity in the area, which are all definitive missions of the City's Capital Improvement Program.</p> <p>The project area would span from the Winnebago County owned Springfield Avenue to the Rock River. The study would aim to build off of the State of Illinois's recent multi-lane roundabout project and the City's streetscape improvements along the eastern portion. Beyond being a gateway to the west, the corridor's project area contains links to a wide variety of land uses, including a high school, airport, industrial, commercial/retail, and residential.</p> <p>The Auburn Street Corridor Study would provide the City with the data needed to make an informed and responsible determination on the most effective type of improvement to be constructed along this corridor. Once a determination is made, the City would then commit funding to it through its Capital Improvements Program to implement the recommendations of the study.</p>

Project Funding Breakdown:	Cost
Total Costs	\$150,000.00
Federal Total	\$120,000.00
FY21 Authorization Request	\$150,000.00
Federal FY21 Authorization Request	\$120,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E85 HPR-66-042-21	East Central Intergovernmental Association	Passenger Rail Feasibility Study between Rockford IL & Dubuque IA	<p>Analyze Alternative Routes: Detailed assessment and comparison of passenger rail service on several different corridors; For each alternative evaluate service speeds and frequencies, ridership levels, travel times, capital investment costs for equipment and track, operating costs, signal and communication requirements (i.e. PTC), estimated revenues and benefit/cost analysis.</p> <p>Passenger Rail Station Development Planning and Design Activities: Include platform, parking, fare-box equipment, etc.; Estimate costs associated with constructing the minimal station elements required at potential station locations. Estimate costs associated with constructing full-service stations at potential station locations.</p> <p>Documentation of existing conditions through site visits. Determination of space needs based on ridership projections and Amtrak and railroad requirements. Development of conceptual site plans. Preparation of initial cost estimates.</p> <p>Passenger Rail Layover Facilities: Determination of space needs based on Amtrak and railroad requirements. Costs associated with constructing required layover facility elements at potential locations. Documentation of existing conditions through site visits. Development of conceptual site plans. Preparation of initial cost estimates.</p> <p>Develop and update passenger rail forecasts: Creation of traffic analysis zones. Detailed assessment of current and future corridor and city population levels. Calculation of distances and travel times between communities. Location and magnitude of special traffic generators. Establish community-based person trip tables. Modal split determination for passenger travel between city pairs. Analyses of basic socio-economic factors. Results will be used for future passenger rail ridership projections on various routes.</p> <p>Identify and Update Basic Capital Investment Needs for Various Passenger Rail Corridors: Determination and cost estimates concerning the number of required trainsets. Need for new or refurbished cars. Number and size of coach cars. Type of food service cars. Horsepower and type of locomotives. Conceptual engineering required to determine order-of-magnitude cost estimates for infrastructure improvements necessary to accommodate passenger rail service on the proposed corridors, such as rail (track), structures, grade crossings, etc. Positive train control systems. Signalization requirements. Calculation of energy, fuel efficiency and air</p>

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			<p>emission savings.</p> <p>Analyze Ongoing Maintenance Cost: Includes stations, track and signal, capital equipment, layover facilities, subsidy etc.</p> <p>Economic Development and Safety Analysis: Conduct before and after implementation of the project. Using historical data of employment, summarize the growth and changes in employment. Identify any new major employment centers or population/housing activity that might occur around station areas after the implementation of the passenger rail service.</p> <p>Prepare for Grant Applications Develop summary material, benefit/cost analysis, budget, analysis etc. that may be required to apply for grants. Identify potential environmental documentation (i.e. National Environmental Policy Act) and analysis required for future implementation stages. Better Utilizing Investments to Leverage Development (BUILD) grant. Federal Railroad Administration (FRA) grants. Other federal and State of Illinois grants.</p>
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Project Funding Breakdown:	Cost
Total Costs	\$345,000.00
Federal Total	\$276,000.00
FY21 Authorization Request	\$345,000.00
Federal FY21 Authorization Request	\$276,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E86 HPR-66-043-21	Woodford County Highway Department	Woodford County Asset Management Program Software Project	This project will involve the creation and deployment of a web-based GIS Asset Management System (AMS) to assist the Woodford County Highway Department in maintaining its infrastructure assets.

Project Funding Breakdown:	Cost
Total Costs	\$114,000.00
Federal Total	\$91,200.00
FY21 Authorization Request	\$114,000.00
Federal FY21 Authorization Request	\$91,200.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E87 HPR-66-044-21	Havana Regional Port District	Port Master Plan Study	Develop initial port master plan study for the Havana Regional Port District. There are currently no planning studies prepared since the Port District was formed. In accordance with the Havana Regional Port District Act (70 ILCS 1805/4), the District desires to prepare and adopt a comprehensive plan for the development of port facilities to aid and promote the development of terminal and port facilities.

Project Funding Breakdown:	Cost
Total Costs	\$250,000.00
Federal Total	\$200,000.00*
FY21 Authorization Request	\$250,000.00
Federal FY21 Authorization Request	\$200,000.00

*subject to change based on final scope of project. Some scope may not be eligible for SPR.

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E88 HPR-66-045-21	Region 1 Planning Council	R1PC Keith Creek Corridor Study	<p>The Keith Creek corridor project has had considerable support for more than a decade, however significant progress has yet to be made due to a lack of available funding for a planning study. The RPC, in coordination with the City of Rockford, will move this project forward by facilitating a study that identifies an improved greenway that offers equitable access to alternative transportation; improves access to natural resources; supports infrastructure improvements (e.g. drainage, sidewalks, natural culverts, etc.); increases resiliency of the corridor; and supports economic redevelopment in some of the City’s most disadvantaged areas.</p> <p>The broader goals of this corridor study include the development of a comprehensive corridor analysis. This analysis will include socio-demographic metrics, access to transportation, and environmental conditions. Additionally, the project supports the development of an inventory of current conditions along the corridor, which will include built infrastructure, surface transportation facilities and structures, public transit amenities, community assets, and environmental considerations. It will include recommendations for the corridor’s development, based on factors identified in stakeholder and community input, a proposed master-budget, and proposed development scenario.</p> <p>The RPC will follow the development process outlined below: Phase 1-1: Establish Project Management; Phase 1-2: Identify Issues, Needs, & Opportunities; Phase 1-3: Develop Goals & Objectives; Phase 1-4: Develop a RFP for the Keith Creek Corridor Study; Phase 2-1: Draft the Keith Creek Corridor Study; Phase 2-2-: Determine & Evaluate the Corridor Development Options; Phase 2-3: Select and Adopt the Preferred Development Proposal; Phase 2-4: Recommended Priorities for Implementation</p>

Project Funding Breakdown:	Cost
Total Costs	\$281,000.00
Federal Total	\$224,800.00
FY21 Authorization Request	\$281,000.00
Federal FY21 Authorization Request	\$224,800.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E89 HPR-66-046-21	Region 1 Planning Council	R1PC Passenger Rail Station Conceptual Siting Analysis	<p>The Rockford Region Passenger Rail Station Conceptual Siting Analysis is a comprehensive planning study to evaluate the most feasible and viable locations for two (2) passenger rail stations in the Rockford region in support of establishing the Chicago to Rockford Intercity Passenger Rail expansion project funded under the 2019 Rebuild Illinois Capital Bill. The study will be led by the Region 1 Planning Council, with Rockford Mass Transit District (RMTD) and the Cities of Rockford and Belvidere serving as co-applicants. The locations in which proposed rail facilities are located are in the Cities of Rockford and Belvidere, Illinois. This planning effort will include conducting an in-depth needs assessment of stations, focusing on siting, conceptual design, multi-modal connectivity, and growth potential. The most viable locations for rail stations along the rail segment will be identified, including surrounding land-use, zoning, and environmental compatibility, localized transportation impacts, space requirements, facility amenities, and additional facility design elements. Also included as part of this study will be recommendations on how to maximize opportunities that directly impacted communities.</p> <p>Study objectives include: Conducting a needs assessment as it relates to a rail facility location, building/site characteristics and design elements; Conducting research on current design elements of transit/rail facilities; identify facility amenities and design elements for consideration; Assessing land use and zoning issues, along with development impacts; Establishing siting criteria and recommendations; and; Evaluating and refining the preliminary IDOT Chicago to Rockford Intercity Passenger Rail operational analysis and incorporating findings and recommendations into applicable elements of this study.</p>

Project Funding Breakdown:	Cost
Total Costs	\$175,000.00
Federal Total	\$140,000.00
FY21 Authorization Request	\$175,000.00
Federal FY21 Authorization Request	\$140,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E90 HPR-66-047-21	City of Peoria	Asset Management Database Collection	The project will collect and collate asset data throughout the City of Peoria and modify the existing GIS databases as appropriate. The project will collect and update data for the following assets: traffic signals, sidewalks, signing condition, ADA ramps, fiberoptic traffic signal interconnects, curb and gutter, ditches, guardrail, bus shelters, bike racks, tress, pavement markings, and parking meters. Hanson Professional Services* will complete the following scope items: Evaluating the fields within the GIS databases; Evaluating alternatives for data maintenance; Coordinating with other City teams to determine best practices; Developing a standard operating procedure to keep databases updated

Project Funding Breakdown:	Cost
Total Costs	\$500,000.00
Federal Total	\$400,000.00
FY21 Authorization Request	\$500,000.00
Federal FY21 Authorization Request	\$400,000.00

*State and Federal procurement rules must be followed, otherwise the work function will not be eligible for SPR funds.

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E91 HPR-66-048-21	Commuter Rail Division of the RTA, d/b/a Metra	Metra’s Systemwide on/off Rail Ridership Counts	<p>Metra will conduct 2020 On/Off Counts, which will be completed by the end of State Fiscal Year 2021. It is necessary to conduct the counts to accurately measure current ridership, to determine the number of passengers that use each station, and to predict future ridership and trends. On/Off Counts are conducted on a regular schedule, ideally every two years. Metra contracts professional services to conduct the counts due to the size and complexity of the system and the number of personnel required to complete the counts. Counts are conducted by field observation and are taken on-board all trains during typical weekday service. On the lines with the highest service levels, as many as 200 personnel are needed to conduct a full-days count over 24 hours. Staffing includes counters placed at each rail car door, back-up counters, and supervisors and consultant personnel.</p> <p>Accurate passenger counts support Metra staff in making informed decisions when evaluating transit service and capital expenditures. On/Off Counts are also used to inform CMAP’s regional transportation plan, evaluate existing and new "infill" stations that are included in the regional Transportation Improvement Plan, and for CMAP’s air quality modeling efforts. FTA's New Starts program requires this count to be performed no less than once every 5 years for ridership forecast models for potential Capital Improvement Grants applications. Metra uses the data collected from on/Off Counts to support FTA-required Title VI reporting, fare analysis, service analysis, and other general policy analyses.</p>

Project Funding Breakdown:	Cost
Total Costs	\$585,000.00
Federal Total	\$468,000.00
FY21 Authorization Request	\$585,000.00
Federal FY21 Authorization Request	\$468,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E92 HPR-66-049-21	Springfield - Sangamon Co. Regional Planning Comm.	9th St./Peoria Rd. Corridor Redevelopment	This corridor is a major north/south thoroughfare in Springfield and serves as Business 55. The corridor passes through or is within two blocks of four (4) Tax Increment Financing districts; an enterprise zone; the Mid-Illinois Medical District; and, an opportunity zone. The corridor is also adjacent to the railroad relocation project. Despite its critical location, the area lacks a comprehensive redevelopment plan to guide how this corridor can, and should be, transformed to spur economic growth in this area of the city. A consultant will be retained to complete an independent analysis of the area, pull together the stakeholder groups with interests in the area and make recommendations to be included in a comprehensive land use planning study.

Project Funding Breakdown:	Cost
Total Costs	\$250,000.00
Federal Total	\$200,000.00
FY21 Authorization Request	\$250,000.00
Federal FY21 Authorization Request	\$200,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E49 HPR-66-050-21	Chicago Department of Transportation	CREATE Program Planning Support	<p>This project will secure professional consultant services with national and local transportation planning, outreach, and communication expertise to continue to provide technical, policy, advocacy, and related support as needed to successfully achieve the goals of the CREATE Program as set forth in the CREATE Feasibility Plan (as amended) and other relevant CREATE Partner decisions. Based upon the CREATE partners’ previous experience, these activities are likely to include, without limitation:</p> <ol style="list-style-type: none"> 1. Support CREATE Advocacy Working Group activities. 2. Provide specialized technical analysis, planning, research, and policy support to develop recommendations for CDOT. 3. Support the CREATE partners’ relationships with other federal, state, and local transportation agencies regarding technical aspects of the CREATE Program. 4. Support the development of materials to facilitate testimony by the CREATE partners. 5. Facilitate outreach to relevant national, state, and local freight, transportation and business organizations, and other relevant communities and stakeholders to garner and/or sustain support for obtaining the resources required to successfully complete the CREATE Program. 6. Conduct assessments and research into the impacts of the CREATE Program on specific stakeholders. 7. Conduct specialized analyses and technical studies and research to advance institutional and financial support for CREATE and related initiatives.

Project Funding Breakdown:	Cost
Total Costs	\$500,000.00
Federal Total	\$400,000.00
FY21 Authorization Request	\$500,000.00
Federal FY21 Authorization Request	\$400,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E93 HPR-66-051-21	Chicago Department of Transportation	Railroad- Related Support Services	<p>CDOT needs to be able to understand and plan for the needs on the rail system and the roadways and passenger facilities affected by rail traffic. This includes activities such as needs assessments for viaducts and vertical clearance improvements, identification/implementation of quiet zones, advocating and securing funding for critical rail-related infrastructure and safety projects, and leading and participating in regional efforts to improve grade crossings and other infrastructure that impacts Chicago region residents and businesses.</p> <p>This project will include retaining professional consultant services with expertise in rail related issues in Chicago to undertake a combination of potential technical and outreach activities to achieve these goals. These activities are likely to include but are not necessarily limited to: Data collection, technical analysis, and related research; Review and assessment of technical and design plans and studies related to railroad initiatives; Development of strategies and concepts to address identified needs; Grant application preparation; Expert review and synthesis of existing plans and studies, railroad and other activities pertinent to the Chicago region; Advising CDOT on freight and passenger rail issues and conducting technical analysis to support CDOT’s decision making, planning and investment needs; Communication with railroads, elected officials, and related public and private sector stakeholders</p>

Project Funding Breakdown:	Cost
Total Costs	\$500,000.00
Federal Total	\$400,000.00
FY21 Authorization Request	\$500,000.00
Federal FY21 Authorization Request	\$400,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E94 HPR-66-052-21	Champaign County Regional Planning Commission	Land Use Inventory and Parcel Model for Champaign, Urbana, and Savoy	<p>Using lessons learned from the UrbanCanvas model, CUUATS staff began to develop a custom, parcel-based land use model using open source tools developed by UrbanSim. These open source tools are used in land use models developed by Metropolitan Planning Organizations in Detroit, Seattle, and other cities. CUUATS staff established the model framework, prepared data from existing sources, and produced an initial model output for the period from 2015 to 2045. While the initial model development yielded results, it also highlighted the need for better data inputs in order to increase the accuracy of the future land use forecasts. CUUATS staff need more detailed and consistent data about the physical and financial characteristics of existing land uses to establish the relationships used to predict future uses. Establishing a consistent land use data set for the Champaign Urbana Urbanized Area—and, the City of Champaign, City of Urbana, and Village of Savoy—would allow for more accurate land use and transportation modeling. The results of the updated model will be in the next Long-Range Transportation Plan update, which will likely begin during 2021.</p> <p>Goals and Objectives - 1. Establish a consistent, accurate database of existing land use data for use in modeling. 2. Update the parcel-based model to prepare it for use in the next Long-Range Transportation Plan. 3. Develop web-based tools that can be used by the City of Champaign, City of Urbana, and Village of Savoy to update the land use database as uses change.</p>

Project Funding Breakdown:	Cost
Total Costs	\$405,090.00
Federal Total	\$324,072.00
FY21 Authorization Request	\$405,090.00
Federal FY21 Authorization Request	\$324,072.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E95 HPR-66-053-21	Chicago Department of Transportation	Targeted Traffic Safety Behavior Change and Marketing Research	<p>This project’s goal is to develop a Vision Zero behavior change marketing campaign founded in research and targeted to change driving behaviors of the people most likely to cause severe traffic crashes in Chicago – young males.</p> <p>Vision Zero is a safe systems approach that aims to eliminate fatalities and serious injuries from traffic crashes. The Vision Zero Chicago initiative, in operation since 2017, is the result of collaboration between twelve city departments and sister agencies and numerous community stakeholders. This plan leverages the resources and expertise of each department and stakeholders to advance the shared goal to eliminate traffic fatalities and serious injuries on Chicago’s streets by 2026.</p> <p>A key strategy to achieving the City of Chicago’s Vision Zero goals is changing the culture of driving in Chicago. In addition to targeted street redesigns and citywide policies that the City is pursuing, it is necessary that individual drivers adopt safer driving behaviors. Initial research indicates that only five behaviors are involved in 72% of fatal crashes. These dangerous driving behaviors are: speeding, failure to give the right of way, using a cell phone while driving, driving under the influence, and disobeying traffic signs and signals.</p>

Project Funding Breakdown:	Cost
Total Costs	\$250,000.00
Federal Total	\$200,000.00
FY21 Authorization Request	\$250,000.00
Federal FY21 Authorization Request	\$200,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E96 HPR-66-054-21	City of Moline, IL (in partnership with the Rock Island County Mass Transit District (MetroLINK))	Regulating Plan/Form Based Code for the Moline Multimodation Station TOD Zone and I-74 Bridge Realignment Zone	The City of Moline and MetroLINK will work cooperatively on the project, which will focus on the development of a Regulating Plan/Form Based Code that will guide future development within the Moline Multimodal Station TOD Zone and the I-74 Bridge Realignment Zone. This project will geographically cover much of, if not all of downtown Moline, Renew Moline will also be a participant. The project will inventory and collect data related to existing right-of-way conditions for multiple modes of transportation, e.g., transit, pedestrian, bicycle, auto, truck, etc., as well as existing buildings and land parcels. Special attention will be given to curb, sidewalk, and other pedestrian/bike ways for developing guidelines to assist transit, autonomous vehicles, and pedestrian/bike movement. Assessment and analysis of the data collected will lead to the development of a Regulating Plan that will provide guidance on the future development of right-of-way and land parcels, which will include guidance for density, bulk, mass, etc. for future building development as these all impact the efficacy and efficiency of the transportation system and the various modes that comprise the system. The Regulating Plan will be packaged together with processes and procedures to establish a Form Based Code for the zones which will serve as the project deliverable. The Plan/Code deliverable will be used to further implement and advance IDOT's previous and ongoing investments in The Q Multimodal Station and TOD Zone, the new I-74 Mississippi River Bridge and Corridor, Illinois 92 and the Illinois 92 Corridor Study, and the Moving Moline Forward amendment to the Moline Comprehensive Plan.

Project Funding Breakdown:	Cost
Total Costs	\$200,000.00
Federal Total	\$160,000.00
FY21 Authorization Request	\$200,000.00
Federal FY21 Authorization Request	\$160,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E97 HPR-66-055-21	East-West Gateway Council of Governments	Illinois Great Streets Planning	<p>East-West Gateway Council of Governments (the Council) will conduct an approximately eleven-month Great Streets Initiative (the Initiative) planning project on the Illinois side of the St. Louis region. The scope includes an open competitive project selection process, consultant selection/procurement, and multi-disciplinary planning services culminating in a final plan document. The consultant team collaboration will be managed by the consultant’s project manager to ensure that the various interests and planning disciplines are fully engaged and equitably emphasized through every planning issue for the entire duration of the project. Land use, transportation, economic, and environmental issues are constantly assessed during the planning process to help both the planning team and the community make well informed decisions.</p> <p>A community engagement consultant will be a key part of the consultant team to facilitate efficient and productive community and consultant education and input for the duration of the process. While interviews, focus groups, and advisory committee meetings will occur throughout the planning process, multiple public meetings will be held strategically to define the community’s Vision for itself (informed by the consultant’s existing conditions analysis). Community and stakeholder input will be gathered and documented using a variety of methods such as a project website surveys, keypad polling, comment cards, interviews, etc. The state DOT has been a partner in all previous Great Streets planning efforts, and we anticipate that IDOT will be one of the select stakeholders and Advisory Committee members throughout the project. Furthermore, if IDOT owns or manages the facility in the selected project area, IDOT will participate in the project scope definition before the consultant services RFP is released.</p>

Project Funding Breakdown:	Cost
Total Costs	\$622,993.00
Federal Total	\$498,394.40
FY21 Authorization Request	\$622,993.00
Federal FY21 Authorization Request	\$498,394.40

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
F07 HPR-66-056-21	Peoria County	Central Illinois Smart Mobility Laboratory Framework	<p>The Central Illinois Smart Mobility Laboratory will serve as a testing hub for ACES (Autonomous, Connected, Electric, and Shared) transportation solutions. The goal of the Smart Mobility Laboratory is to create a smart technology network within the public right-of-way that will allow technology companies the opportunity to beta test products and solutions that will eventually be brought to market. The goal is to build tools into the public infrastructure that create a mobility workshop for inventors to create new companies and currently unimagined jobs.</p> <p>The SPR grant funds will be used to support the ongoing effort of Hanson Professional Services* to: Identify and formalize the organizational structure to manage the Smart Mobility Laboratory; Develop the standard agreements between ROW owners and technology partners; Complete a market study to identify what ACES companies need in a test zone, Create an implementation plan for the public infrastructure equipment needs; Publish a business plan, funding mechanisms, and a long-term operating budget for the Smart Mobility Laboratory; Outline and execute an outreach program to advertise the Smart Mobility Laboratory to businesses interested in R&D in a smart mobility network; Manage and distribute data collected by the Smart Mobility Laboratory, and Procure the equipment needed for the Smart Mobility Laboratory. The final deliverable will meet the intentions of the scope as efficiently as possible and then remaining grant money will be used to procure equipment identified in the implementation plan.</p>

Project Funding Breakdown:	Cost
Total Costs	\$1,000,000.00
Federal Total	\$800,000.00
FY21 Authorization Request	\$1,000,000.00
Federal FY21 Authorization Request	\$800,000.00

*State and Federal procurement rules must be followed, otherwise the work function will not be eligible for SPR funds.

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E98 HPR-66-057-21	Springfield - Sangamon Co. Regional Planning Comm.	Route 66 Planning Grant	Route 66 is, without a doubt, the most famous road in America. The route traverses through Sangamon County and was part of the original 1926 alignment. The Illinois segments were the first to be paved from end to end. Sangamon County has an opportunity to capitalize on the continued popularity of Route 66 as a tourism destination. While various materials exist to promote and market the Route as a tourist attraction, the purpose of this project is to develop a multi-faceted master corridor plan that considers all opportunities for sustainable development to support economic vitality along the Route 66 corridor. The planning process will include multiple jurisdictions and interested entities to encourage extensive collaboration and cooperation necessary to develop a master plan. In the year 2026, Route 66 will celebrate its 100th Anniversary. As such, the window of opportunity to fund this request, receive the deliverable and begin implementation is narrowing.

Project Funding Breakdown:	Cost
Total Costs	\$200,000.00
Federal Total	\$160,000.00
FY21 Authorization Request	\$200,000.00
Federal FY21 Authorization Request	\$160,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
F01 HPR-66-060-21	Tri-County Regional Planning Commission	Tri-County Regional Asset Management Planning	Tri-County RPC will be acquiring a software that combines asset management principles with community benefit analysis to aid in the development of capital planning

Project Funding Breakdown:	Cost
Total Costs	\$256,268.00
Federal Total	\$205,014.40
FY21 Authorization Request	\$256,268.00
Federal FY21 Authorization Request	\$205,014.40

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
F02 HPR-66-061-21	Tri-County Regional Planning Commission	Greater Peoria Activity- Based Travel Demand Model	The project will produce a fully calibrated activity-based travel demand model for the Greater Peoria region of Peoria, Tazewell, and Woodford Counties. Scope items include: <ul style="list-style-type: none"> - Document Development Process - Data Collection - Network Development - Develop Mobility Models - Develop Land Use Models - Develop Activity Types and Activity Pattern Structures - Calibrate Model - Develop Future Year Models

Project Funding Breakdown:	Cost
Total Costs	\$480,000.00
Federal Total	\$384,000.00
FY21 Authorization Request	\$480,000.00
Federal FY21 Authorization Request	\$384,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
F03 HPR-66-062-21	Pace Suburban Bus	Pace Suburban Bus ADA Paratransit and Vanpool Customer Service Survey	<p>Pace will hire a qualified consultant to conduct a Customer Satisfaction Index (CSI) Study of Pace’s Vanpool and ADA Paratransit Services. The overarching goal of the study is to provide continued evaluation of service performance through the eyes of Pace customers so transportation needs can be met, loyalty strengthened, and ridership increase.</p> <p>Performing a customer satisfaction survey will lead to the improvement of service for ADA riders in this six-county region, often seniors or people with disabilities. It will also offer improvements to the Pace Vanpool Program which will reduce emissions and congestion on the region’s roadways. Few traditional transportation studies look at the needs of the disabled, and Pace attempts to rectify this and let their voices be heard in this study.</p> <p>This project will help improve mobility and quality of service for users of the paratransit and vanpool services, as well as offer ways to improve the efficiency of the service. By increasing efficiency and encouraging more people to use the service, Pace is working toward reducing congestion and reducing emissions throughout the region.</p>

Project Funding Breakdown:	Cost
Total Costs	\$150,000.00
Federal Total	\$120,000.00
FY21 Authorization Request	\$150,000.00
Federal FY21 Authorization Request	\$120,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
E08 HPR-66-063-21	The Board of Trustees of the University of Illinois	METSI Metropolitan Transportation Support Initiative	<p>METSI projects will be proposed by IDOT based upon the need and priority, and they will be commissioned with active involvement from IDOT. UIC will also be able to propose topics of research that will benefit IDOT and undertake projects that are mutually beneficial. It is anticipated the projects commissioned will be scoped to identify tangible benefits for IDOT and of use to IDOT. With these principles in mind, the technical program for METSI is discussed next.</p> <p>TECHNICAL PROGRAM – SCOPE OF WORK - METSI will help achieve the goals of the Illinois Long Range Transportation Plan (ILRTP). The specific performance goals of the ILRTP are Economy, Livability, Mobility, Resiliency, and Stewardship. METSI past project, ongoing projects, and future projects have addressed and will address these aspects explicitly with the approval of IDOT. METSI will also allow for new research to be undertaken with IDOT permission to further these above mentioned goals, and at the same time provide any required technical assistance to IDOT or communities in the state with IDOT’s approval on a wide range of topics and issues. METSI can also be a vehicle for providing education and training on specific issues for IDOT planners, and engineers as needed.</p>

Project Funding Breakdown:	Cost
Total Costs	\$1,718,750.00
Federal Total	\$1,375,000.00
FY21 Authorization Request	\$1,718,750.00
Federal FY21 Authorization Request	\$1,375,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
F05 HPR-66-065-21	The Board of Trustees of the University of Illinois	Planning for Emerging Mobility: Testing and Deployment in Illinois	An ongoing effort within the State of Illinois is the planning phase of the Illinois Autonomous and Connected Track (I-ACT). I-ACT is slated to lay the foundation for many mutually inclusive benefits, focusing on connected and autonomous high-speed freight and multimodal mobility of diverse communities. Research Methodology: The plan to achieve each objective is detailed as follows. Task 1—5G Integration; Task 2—Planning of I-ACT Features; Task 3—Business Plan and Economic Analysis. Project Deliverable: The final product of the proposed project is a detailed planning framework of the track’s features and integration of technologies related to advanced mobility, multimodal systems, and electric grids. Moreover, the business plan will be appended, as it will lay out a clear path to partnerships and economic impacts of I-ACT.

Project Funding Breakdown:	Cost
Total Costs	\$812,500.00
Federal Total	\$650,000.00
FY21 Authorization Request	\$812,500.00
Federal FY21 Authorization Request	\$650,000.00

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Function Number State Job Number	Grantee Organization	Project Title	Description of Project
D69 HPR-66-066-21	Chicago Metropolitan Agency for Planning	CMAP Technical Assistance Planning Program Support	CMAP solicited new LTA projects in fall 2019 and selected 14 new projects. The program overall will continue to support the development of comprehensive plans, corridor plans, and subarea plans, all of which include transportation elements, and may also begin to explore other avenues to advance implementation and investment in our communities, particularly those with a transportation element. This LTA work is intended to support better decision making at the local level, which can be challenged by limiting factors such as resource constraints. Funding from the IDOT SPR program would support the agency aiding on one or more of the 14 LTA projects identified through the 2019 Call for Projects. The following outlines the general types of tasks and analysis that would be undertaken as part of comprehensive plans supported by these funds: Tasks Pre-kickoff work; Existing conditions; Visioning; Key recommendations; Plan drafting; Partnerships;

Project Funding Breakdown:	Cost
Total Costs	\$330,000.00
Federal Total	\$264,000.00
FY21 Authorization Request	\$330,000.00
Federal FY21 Authorization Request	\$264,000.00

CHAPTER ONE – PART TWO EXTERNAL PROJECTS
PROPOSED PROJECTS

Function Number State Job Number	Grantee Organization	Project Title	Description of Project
F06 HPR-66-067-21	Bi-State Regional Commission (lead) in cooperation with ECIA, SEIRPC, WIRPC and Blackhawk Hills RPC	Mississippi River Ports of Eastern Iowa and Western Illinois (MRPEIWI) Mapping Tool and Data Collection	<p>The corridor is serviced by locks and dams along this linear geographic area and need improvements. When designated, the MREIWI PSA and the 70 river terminals within the designated area will be ranked as a “middle third” Top 100 Port on the U.S. Ports List. The project goals include: Expanding staff capacity in river-related freight movement and knowledge of local facilities; Establishing public-private partnerships with river terminals within the corridor to strengthen the regional economy; Promoting multi-modal opportunities and future funding opportunities for infrastructure improvements; and Developing an interactive asset mapping tool to highlight the critical role the river plays in national and international commerce.</p> <p>The project will include a survey of terminals and related facilities by phone, e-mail, and/or face-to-face meetings. From this survey, a database of the terminals, operators, docks, and river related data will be collected. These facilities will be mapped in relation to the highway system, rail access and other key data to support freight movement and multi-modal connectivity. The effort is being modeled after a similar project by the Ohio-Kentucky-Indiana Regional Council of Governments (OKI).</p> <p>The proposed PSA interactive assets mapping tool will enhance the collective efforts for the corridor port designation. It will raise the region’s profile to improve regional, national, and global visibility and competitiveness. This will allow for the attraction of a wider range of public and private investment in the 15-county region. Additionally, it will provide a visual tool to enhance the PSA designation and creation of a regional multi-modal transportation identify.</p>

Project Funding Breakdown:	Cost
Total Costs	\$60,000.00
Federal Total	\$48,000.00
FY21 Authorization Request	\$60,000.00
Federal FY21 Authorization Request	\$48,000.00

CHAPTER ONE – PART TWO EXTERNAL PROJECTS
PROPOSED PROJECTS

Function Number State Job Number	Grantee Organization	Project Title	Description of Project
F16 HPR-66-069-21	The Board of Trustees of the University of Illinois	Equity Performanc e Measures: Invest in Cook Pilot	The proposed work plan is split into two stages. For the first stage the project team will: • Task 1. Form steering committee. • Task 2. Engage key elected leaders and community representatives. • Define terms. • Task 3. Case studies and local interviews. • Task 4. Research and identify best practices. • Task 5. Identify broad equity goals for use in Invest in Cook. *Task 6. Develop specific recommendations for scoring criteria that are appropriate to different modes of transportation (automobile, bus, train, paratransit, non-motorized, shared use, etc) as well as for different mobility platforms (expressway, arterials, local roads, transit, active (non-motorized) transportation) and different types of projects (expansion, reconstruction, maintenance). • Task 7. Produce a deliverable that summarizes the results of the above and makes recommendations for action. For the second stage, the project team will: • Task 8. Add to steering committee. • Task 9. Revisit and revise equity goals for statewide use. • Task 10. Revisit and revise specific recommendations for scoring criteria. • Task 11. Produce a final deliverable that summarizes the results of the above.

Project Funding Breakdown:	Cost
Total Costs	\$631,611.00
Federal Total	\$505,288.80
FY21 Authorization Request	\$631,611.00
Federal FY21 Authorization Request	\$505,288.80

CHAPTER ONE – PART TWO EXTERNAL PROJECTS
PROPOSED PROJECTS

Function Number State Job Number	Grantee Organization	Project Title	Description of Project
F08 HPR-66-070-21	Champaign County Regional Planning Commission	Web-Based Regional Environmental Framework	CUUATS staff seeks to build upon the FHWA’s Eco-logical approach which can be used by member agencies for future transportation planning. This effort has resulted in the basis for the Champaign County Regional Environmental Framework (REF), an ongoing CUUATS project to create a comprehensive, centralized resource for transportation planners and engineers to both understand and incorporate the regional environmental features into the planning phase that also prepares projects for the National Environmental Policy Act (NEPA) review process and Illinois Department of Transportation (IDOT) environmental assessment process. In order to truly connect environmental considerations into the planning phase a platform is needed that facilitates the transfer of information in a meaningful way. In order to maximize the utility of the REF Report, staff proposes developing the REF report into a web-based version of the REF, with an interactive map application that would make the REF contents accessible in a more centralized, easily navigated resource. Within this interactive map application, staff also proposes developing a Composite Score that defines areas of general environmental concern as an initial level of analysis of the potential vulnerability of sites within the county. For environmental categories that cannot be shown spatially on a map (i.e. air quality, noise and light pollution), graphs and figures will be used to present the information along with associated text.

Project Funding Breakdown:	Cost
Total Costs	\$184,370.00
Federal Total	\$147,496.00
FY21 Authorization Request	\$184,370.00
Federal FY21 Authorization Request	\$147,496.00

CHAPTER ONE – PART TWO EXTERNAL PROJECTS
 PROPOSED PROJECTS

Function Number State Job Number	Grantee Organization	Project Title	Description of Project
F12 HPR-66-073-21	City of Washington	City of Washington Collaborative and Comprehensive Land Use, Economic Development, and Transportation Plan	The final product will provide goals, objectives, and an implementation strategy for a comprehensive land use, transportation, and economic development plan for the City of Washington. These three areas are intricately linked and must be emphasized equally to ensure a plan that enhances quality of life. It will be collaborative through the solicitation of multi-jurisdictional input and will seek to acquire and analyze considerable data. The City's current comprehensive plan was adopted in 2001 and the population has grown by more than 50% in that time, which has put a strain on financial resources and infrastructure. Additionally, the city has been seeking to reinvent itself following a devastating November 2013 tornado. This plan will provide a focus on three primary transportation corridors/areas: US 24/Nofsinger Road, Business Route 24/IL 8, and Freedom Parkway/Lakeshore Drive. Each of these corridors have substantial economic development potential but also have challenges that have restricted that currently. The design engineering for the realignment of the US 24/Nofsinger Road intersection has been completed and this plan will closely examine the phasing of various types of development that can incorporate green infrastructure and encourage pedestrian connectivity. The reconstruction of Business Route 24 was announced as part of Governor Pritzker's capital bill last fall and the timing of this plan would be perfect to match the eventual road work and analyzing its land use, development options, and multiple transportation modes.

Project Funding Breakdown:	Cost
Total Costs	\$200,000.00
Federal Total	\$160,000.00
FY21 Authorization Request	\$200,000.00
Federal FY21 Authorization Request	\$160,000.00

Chapter Two – Metropolitan Planning Summary of Work

Metropolitan Planning Program Objectives

The major objective of the Metropolitan Planning Program is to carry out the Metropolitan Planning process identified in 23 USC 134, 49 USC 5303, and 23 CFR 450 Subpart C by producing transportation plans and programs for the state's metropolitan planning areas. The aim is to develop plans and programs through the cooperative process that ensures that the highest priority metropolitan needs are being address and that proposed investments are consistent with statewide policies and plans. Another objective is to allow planning to be more responsive to the needs of local decision makers and citizens and adjusted to the realities of long-term budget constraints in urbanized areas.

Anticipated Accomplishments for Fiscal Year 2021

A major effort will be made by the Department and the Metropolitan Planning Organizations to provide planning projects which provide information that can be used by implating agencies to make investment decisions. Significant objectives for the Planning (PL) and Federal Transit Administration (FTA) funds include:

- Preparation of a financially realistic Transportation Improvement Program (TIP) - (A TIP/air quality conformity finding in accordance with 40 CFR 51 will be addressed where applicable)
- Certification – (Statement regarding conformance with federal regulations as per 23 CFR 450.334(a))
- Performance Management – Working with the Department to set and monitor targets for safety, asset condition, and system performance
- Unified Work Program – Identifying the planning work to be conducted over the course of the fiscal year
- Special studies addressing the transportation needs of minorities and the disadvantaged
- Project Completion Report
- Title VI Citizen Participation Report

Unspent/Carry-over Metro Planning Fund Objectives

Annually, Federal Metropolitan Planning Funds are apportioned to the Metropolitan Planning Organizations (MPOs) to carryout Continued, Coordinated, and Comprehensive (3-C) projects and programs. Unspent 3-C funds are carried forward to the next State Fiscal Year and reapportioned. The unspent funds have and continue to compound. In an effort to spend down these carryover funds and complete projects with a statewide significance, IDOT Bureau of Planning is coordinating the completion of three projects to include a three-year subscription to NARC and AMPO as well as the completion of Pavement Condition Data Collection and Analysis. These projects will be administered by IDOT Bureau of Planning and Bureau of Programming for the benefit of all of the MPOs within the State. This was done with the permission of 14² Metropolitan Planning Organizations within the state of Illinois in accordance with 23 CFR 420.109e.

² Cape Girardeau and Dubuque were not requested to provide approval because they do not enter into an agreement with IDOT for access to metropolitan planning funding.

Metropolitan Planning 3-C Projects Funding Summary

Funding Summary by State Job Numbers

Function	APA State Job Number	Title	Federal Project Number	Federal PL Dollar Amount	Federal FTA Dollar Amount
P02	HPR-66-001-21	Bloomington	N5ZA(565)	\$302,972.38	\$74,135.23
B68	HPR-66-002-21	Cape Girardeau	RQBR(215)	\$1,650.30	\$206.94
B67	HPR-66-003-21	Carbondale	8ACH(950)	\$189,414.25	\$37,999.37
P03	HPR-66-004-21	Champaign	Y8A7(435)	\$317,956.38	\$78,903.36
P01	HPR-66-005-21	Chicago	SH0Q(541)	\$15,449,787.73	\$3,338,981.32
A57*	HPR-66-006-21	Danville	ZYG4(392)	\$161,893.75	\$29,241.94
P05	HPR-66-007-21	Decatur	X6N3(189)	\$234,494.61	\$52,344.60
A56	HPR-66-008-21	Dekalb	Y30A(438)	\$188,571.39	\$37,731.16
P06	HPR-66-009-21	Dubuque	2B53(639)	\$10,403.38	\$2,037.65
P07	HPR-66-010-21	Kankakee	J9K6(297)	\$214,264.27	\$45,907.01
P08	HPR-66-011-21	Peoria	U65I(562)	\$533,824.95	\$147,595.91
P09	HPR-66-012-21	Quad Cities	5YH4(730)	\$308,328.52	\$75,839.64
P10	HPR-66-013-21	Rockford	PMMN(193)	\$584,019.91	\$163,568.69
P11	HPR-66-014-21	St. Louis	JBIL(592)	\$880,027.79	\$257,762.74
P12	HPR-66-015-21	South Beloit	TM8J(320)	\$49,038.83	\$10,195.23
P13	HPR-66-016-21	Springfield	FXU9(824)	\$348,942.91	\$88,763.73
F08	HPR-66-074-21	AMPO Dues	9X8D(257)	\$50,068.30	\$0.00
F13	HPR-66-075-21	NARC Dues	RLFD(390)	\$45,000.00	\$0.00
P31	HPR-66-023-21	Pavement Condition Data Collection and Analysis	HKD7(178)	\$5,304,042.00	\$0.00
TOTAL				\$25,174,701.65	\$4,441,214.52

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
Bloomington/Normal Function P02	McLean County Regional Planning Commission	Prepare the FY2021 Overall Work Program (OWP) and the Unified Work Program (UWP). Compile GIS data sets for regional and rural comprehensive plans and spatial analysis. Prepare the FY 2022–2026 TIP, the 2021 Regional Transportation Dashboard, and Travel Demand Model. Continued implantation of LRTP. Hold the 2021 Information Forum as a part of education and outreach. Continue to produce and distribute "Visions" newsletter. Continue to serve as HSTP coordinator. Create a detailed action plan to improve rural transportation access. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$471,384.51	\$302,972.38	\$74,135.23	\$377,107.61	\$94,276.90

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
Cape Girardeau Function B68	Southeast Metropolitan Planning Organization	Develop the annual budget and Unified Planning Work Program for FY2022. Conduct public outreach activities according to the Public Participation Plan. Compile data and maintain databases for demographics, socioeconomics, land uses, traffic counts, traffic accidents and crashes for the planning area. Amend the 2021 - 2024 Metropolitan Transportation Plan as necessary. Prepare the FY 2022-2026 Transportation Improvement Program (TIP). Establish performance targets. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$2,321.55	\$1,650.30	\$206.94	\$1,857.24	\$464.31

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
Chicago Function P01	Chicago Metropolitan Agency for Planning	Develop proposals for Unified Work Program (UWP) funding. Funding for 3-C transportation planning activities will be conducted by the Chicago Metropolitan Agency for Planning, City of Chicago, Chicago Transportation Authority (CTA), Pace Suburban Bus, Northeastern Illinois Regional Commuter Railroad Corporation (METRA) and the Northeast Council of Mayors. Contribute to the implementation of goals and objectives of the region’s long-range, comprehensive plan, ON TO 2050. Provide technical assistance and coordination to local governments for planning activities. Manage the Community Planning Program and other grants. Continue development of a performance-based evaluation criteria for highway and transit funding decision. Continue to conduct congestion pricing analysis. Conduct transportation planning and transit security/safety planning. Assist local governments in activities that integrate transit with land use and housing. Amend the Transportation Improvement Program, as necessary. Continue to develop the Long-Range Transportation Plan. Conduct a variety of transit surveys as requested. Manage the CMAQ Program. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$23,485,961.31	\$15,449,787.73	\$3,338,981.32	\$18,788,769.05	\$4,697,192.26

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
<p>Champaign-Urbana Urbanized Area Transportation Study (CUUATS) Function P03</p>	<p>Champaign County Regional Planning Commission</p>	<p>Complete development of the Long-Range Transportation Plan (LRTP) 2050. Amend (as needed) the FY2021-2024 Transportation Improvement Program (TIP) and develop the FY2022-2025 (TIP). Complete the development of the parcel based CUUATS Land Use Model and regularly update the model. Enhance and maintain the countywide CUUATS Travel Demand Model (TDM), the Motor Vehicle Emissions Simulator (MOVES) model and the CUUATS Social Costs of Land Development Scenarios (SCALDS) model. Collect changes on sidewalk facilities and annually update the CUUATS inventory and assessment of the sidewalks in the urbanized area. Analyze data collected through the administration of a pedestrian and bicyclist survey (PABS). Continue to facilitate the Champaign County Rural Transit Advisory Group (RTAG) to improve transit service between the urbanized area and rural Champaign County and within Champaign County. Develop a safety forecasting tool using the steps from the Highway Safety Manual (HSM) for estimating future crashes. The Metropolitan Planning Organization (MPO) endorses the work scheduled.</p>

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$496,074.68	\$317,956.38	\$78,903.36	\$396,859.74	\$99,214.94

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
Danville Area Transportation Study (DATS) Function A57	City of Danville	Manage the implementation of tasks within the FY2021 UPWP. Continue to work on and implement the 2050 Long Range Transportation Plan. Develop the 2022-2025 Transportation Improvement Program (TIP) and amend the FY2021-2024 TIP as needed. Assist the Danville Mass Transit office and bus facility with respect to ADA accommodations. Collect socioeconomic data for planning and project design. Complete infrastructure assessment study to assess roadway drainage to develop a prioritization and funding program for the MPO roadway drainage systems. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$238,919.61	\$161,893.75	\$29,241.94	\$191,135.69	\$47,783.92

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
<p>Davenport / Rock Island / Moline (Quad Cities) Function P09</p>	<p>Bi-State Regional Commission</p>	<p>The long-range plan (LRP), 2045 Quad Cities Area Long-Range Transportation Plan (LRTP), will be updated and monitored, as needed.</p> <p>Revise the FY2021 TPWP and develop the FY2022 TPWP, when necessary.</p> <p>Maintain a core of socio-economic data for the five-county Bi-State area that is as complete, current, and accurate as reasonably possible and make this information available to the general public. Investigate general transportation issues as they occur in various transportation modes such as rail, air, water navigation, and intermodal issues (as needed). Monitor travel demand model needs for 2050 plan update, including network and parameter verification and software needs. Facilitate the 2050 LRTP public input process and timeline; continue modal data collection and incorporate consultation process with resource agencies into the plan development. Provide technical assistance in transit planning to transit systems and work on human services coordination related to transportation mobility. Prepare crash analyses and provide technical assistance in traffic safety and security efforts.</p> <p>Maintain FFY 2021-2024 Transportation Improvement Program (TIP) and prepare FFY 2022-2025 TIP. The Metropolitan Planning Organization (MPO) endorses the work scheduled.</p>

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$480,210.20	\$308,328.52	\$75,839.64	\$384,168.16	\$96,042.04

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
Decatur Function P05	Decatur Urbanized Area Transportation Study	Develop the FY 2021 Unified Work Plan. Maintain and update FY2021-2024 multi-modal TIP. Provide continued assistance and support to the GIS Administrator in enhancing GIS for expanded use in studying and evaluating land use, transportation systems, route networks and properties, growth and development patterns, inter-modal needs and opportunities and their interactions and dependencies. Continue to update the 2040 LRTP and the 2045 Long Range Transportation Plan as needed. Conduct on/off board transit passenger counts and surveys to assist with creating new routes and designing more efficient routes and schedules. Monitor the use of the fixed route bus system by people with disabilities during the year and identify ways to improve service. Make transit route and schedule changes as needed and monitor the changes. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$358,549.01	\$234,494.61	\$52,344.60	\$286,839.21	\$71,709.80

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
DeKalb Function A56	DeKalb/Sycamore Area Transportation Study County of DeKalb	Preparation of the SFY 2022-2026 TIP. Update the DSATS Public Participation Plan and Human Services Transportation Plan. Continue to update the DSATS region MTP model. Continue updating the policies and procedures for MPO activities. Continue to update the DeKalb-Sycamore Area Regional Intelligent Transportation Systems Architecture database. Update the DSATS Public Participation Plan including virtual public involvement. Work with City of DeKalb transit staff to update the DSATS Human Services Transportation Plan. Provide annual updates to various plans including the Metropolitan Transportation Plan (MTP), the Transportation Improvement Program (TIP), and the Active Transportation Plan (ATP). Continue to work with the Active Transportation organizations to help implement projects identified in the 2019 ATP. Update the MTP regarding transportation projects as needed. Perform the annual DSATS Traffic Counts Study in-house. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$282,878.19	\$188,571.39	\$37,731.16	\$226,302.55	\$56,575.64

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
<p>Dubuque Function P06</p>	<p>Dubuque Metropolitan Area Transportation Study (DMATS)</p>	<p>Develop the FFY 2022-2025 Transportation Improvement Program (TIP) in cooperation with the Iowa, Illinois, and Wisconsin Departments of Transportation. Work with DMATS members in street/highway and bike/pedestrian transportation planning. Maintain DMATS 2045 Long-Range Transportation Plan (LRTP) and start developing DMATS draft 2050 Long-Range Transportation Plan (LRTP). Prepare and manage the four-year multi-modal Transportation Improvement Program (TIP) for the DMATS area.</p> <p>Update existing DMATS model and have socioeconomic data projected to 2050. Continue to maintain databases and the GIS system with updated information for future analysis and graphical representation. Providing input on traffic studies as needed. Work on Phase II Smarter Travel project with IADOT and the city of Dubuque. Update Passenger Transportation Plan (PTP) in FY 2021 working with the TAG group. Develop the FFY 2021-2024 Transportation Improvement Program (TIP). The Metropolitan Planning Organization (MPO) endorses the work scheduled.</p>

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$15,551.29	\$10,403.38	\$2,037.65	\$12,441.03	\$3,110.26

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
Kankakee Function P07	Kankakee Area Transportation Study (KATS)	Develop the FY 2022 Unified Work Program, and complete and/or modify the FY 2021 Unified Work Program, as needed. Prepare the FY 2022 Transportation Improvement Program and modify the FY 2022 the TIP, as needed. Maintain and update as needed the Long-Range Transportation Plan. Provide assistance to Region 6 Rural Human Services Transportation Program (HSTP) and serve as Program Compliance Oversight Monitor (PCOM) for rural transit program. Maintain traffic count information. Complete data collection, analysis, target setting, monitoring, and reporting to address FAST Act performance measures. Create a highway safety plan for Kankakee County in response to the safety performance measures and targets. Provide assistance to local school districts and units of local government for the Safe Routes to Schools Program. Evaluate the MPO database and Attend the Illinois Model Users Group (ILMUG) meetings. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$325,214.10	\$214,264.27	\$45,907.01	\$260,171.28	\$65,042.82

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
<p>Peoria Function P08</p>	<p>Peoria / Pekin Urban Area Transportation Study</p>	<p>Develop the FY22 Unified Planning Work Program. Provide staff support for PPUATS Technical and Policy Committees. Provide staff support for Human Service Transportation Plan (HSTP). Continue to use the Travel Demand Model to project future transportation volumes for proposed surface transportation improvements. Continue in structuring, expanding, updating, and maintaining transportation data layers in a Geographic Information System (GIS). Implement the FY 2020-2045 Metropolitan Transportation Plan. Monitor the Performance Measures outlined in the FY2015-2040 Metropolitan. Continue non-motorized transportation planning, including bike/ped traffic counts, trail plans in small communities. Update Safety Performance Measures; Update Road/Bridge Condition Performance Measures; Update System Performance/Freight/CMAQ Measures; Update Transit Asset Management Measures; Develop the FY2021-2024 Transportation Improvement Program (TIP); Amend the adopted TIP as needed; Promote alternative transportation modes such as transit, walking, and bicycling. Continue to monitor air quality issues as they relate to transportation planning. The Metropolitan Planning Organization (MPO) endorses the work scheduled.</p>

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$851,776.08	\$533,824.95	\$147,595.91	\$681,420.86	\$170,355.22

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
Rockford Function P10	Region 1 Planning Council	Update the FY 2021 UWP as needed. Develop an interactive digital version of the regional Greenways Map. Lead and provide assistance to local units of government to address and resolve emerging transportation, environmental and other planning issues. Continue to work on elements of the Bicycle and Pedestrian Plan. Continue to monitor and incorporate the most recent data sets and analysis into transportation planning process and GIS capabilities. Maintain and update travel demand modeling. Prepare FY 2021-2024 Transportation Improvement Program (TIP). Continue to provide technical assistance to the MPO Policy Committee and Technical committee members, but also to other governmental, civic/community organizations and the public. Update the 2040 LRTP and Develop the 2050 MTP (Metropolitan Transportation Plan). The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$934,485.75	\$584,019.91	\$163,568.69	\$747,588.60	\$186,897.15

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
<p>Southern Illinois Metropolitan Planning Organization (SIMPO) Function B67</p>	<p>Greater Egypt Regional Planning & Development Commission</p>	<p>Develop and coordinate the implementation of the long-range transportation strategy. Develop the annual Transportation Improvement Program (TIP) for the FY 2021 - 2024. Amend and track amendments to the TIP as needed by the SIMPO members for FY2021 - FY2024. Develop the annual budget and Unified Planning Work Program (UPWP) for FY2021. The following studies will be completed in FY2021 through contractual services: SIMPO Safety Study, Carbondale Parking Study, Marion Pedestrian Safety and Traffic Study.</p> <p>The following studies will be completed by SIMPO in-house staff: Create various local HSIP analysis and grant applications, various traffic counts, UAS flights, photographs and terrain modeling, other Special Studies. The Metropolitan Planning Organization (MPO) endorses the work scheduled.</p>

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$284,267.03	\$189,414.25	\$37,999.37	\$227,413.62	\$56,853.41

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
South Beloit Function P12	Stateline Area Transportation Study	This MPO operates on a calendar year. A new TIP and UWP will be prepared. Support will be provided to local jurisdictions. Performance measures will be established. Coordinate traffic studies, corridor studies, and intersection studies. Continue work on Environmental Justice and accessibility analyses. Continue outreach to community groups to improve public involvement. Monitor air quality to remain an "attainment" area. Prepare the 2021-2024 Transportation Improvement Program. Continue implementation of the 2016-2040 Long Range Transportation Plan including the Bike and Pedestrian Component and continued development of a regional freight route plan. Assist the transit agencies in implementing each system's Transit Development Plan. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$74,042.58	\$49,038.83	\$10,195.23	\$59,234.06	\$14,808.52

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
Springfield Area Transportation Study (SATS) Function P13	Springfield-Sangamon County Regional Planning Commission	Develop 2021 Unified Planning Work Program (UPWP). Update criteria, evaluation matrices, application, and support documents for allocation of future ST-U funds and other funding opportunities as needed. Conduct call for projects for ST-U and other funding opportunities. Maintain Title VI Program. Amend the 2040 Long Range Transportation Plan (LRTP) as needed. Monitor performance measures outlined in the 2040 LRTP. Develop 2045 LRTP. Maintain FY2020-2023 Transportation Improvement Plan (TIP) by amending and modifying, as necessary. Development and implementation of FY 2021-2024 TIP. Integrate performance measures into the TIP. Create, update, expand and maintain various GIS data layers. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$547,133.30	\$348,942.91	\$88,763.73	\$437,706.64	\$109,426.66

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Agency	Anticipated Accomplishments
St. Louis - Alton Function P11	East-West Gateway Council of Governments	Continue to maintain and enhance existing model sets and ensure that the highway and transit modeling meets all criteria established by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA). Maintain and update technical documentation of TransEval, which is EWG’s regional travel demand model, and its applications. Provide support and prepare travel demand forecasts for the Transportation Improvement Program (TIP) and Regional Transportation Plan (RTP). Continue to maintain and enhance existing model sets and ensure that the transit model meets all criteria established by FTA for New/Small Start capital projects. Develop and manage regional Geographic Information System (GIS). Refine Congestion Mitigation and Air Quality (CMAQ) project evaluation tool using outputs from the MOVES 2014 air quality model to include the latest needs. Finalize FY 2021-2024 and Draft FY 2022-2026 TIP Transportation Improvement Program (TIP). Promote bicycle and pedestrian facility design “best practices” through FHWA and National Association of City Transportation Officials (NACTO) recommended design resources. Maintain and update inventory of existing bicycle network in GIS for use in various transportation studies and reports. Maintain the Regional Freight GIS Inventory/Warehouse. Coordinate air quality planning activities between Illinois and Missouri agencies. The Metropolitan Planning Organization (MPO) endorses the work scheduled.

2021 Total Cost	PL	FTA	Total Federal	Total Match
\$1,422,238.16	\$880,027.79	\$257,762.74	\$1,137,790.53	\$284,447.63

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Project Title	Description of Project
Statewide IDOT Bureau of Planning Function F08	Association of Metropolitan Planning Organizations (AMPO) membership dues for all MPOs and Regional Councils	AMPO membership dues for all MPOs and Regional Councils. AMPO is the transportation advocate for metropolitan regions, committed to enhancing MPOs' abilities to improve metropolitan transportation systems. AMPO is a 501c4 non-profit. In SAFETEA-LU, AMPO successfully lobbied for the PL increase. Access to archived and current policy materials drafted by the AMPO Policy Committee on the future metropolitan vision. Legislative tracking and regular updates on all Congressional items relating to transportation systems and metropolitan planning. The opportunity to hold a seat (MPO members) on the AMPO Policy Committee. This Committee is the liaison between the AMPO Board/Staff and the MPO Community.

2021 Total Cost	PL	SPR	Total Federal	Total Match
\$100,137.00	\$50,068.30	\$0.00	\$50,068.30	\$50,068.30

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Project Title	Description of Project
Statewide IDOT Bureau of Planning Function F13	National Association of Regional Councils (NARC) dues for all MPOs and Regional Councils	NARC dues for all MPOs and Regional Councils. The National Association of Regional Councils (NARC) serves as the national voice for regions by advocating for regional cooperation as the most effective way to address a variety of community planning and development opportunities and issues. NARC’s member organizations include regional councils, councils of governments, regional planning and development agencies, Metropolitan Planning Organizations, and other regional organizations. NARC’s member organizations work collaboratively with their communities – large and small, urban, and rural – to address their citizens’ needs and promote a regional approach to planning for the future. NARC provides its members valuable information and research on key national policy issues, federal policy developments, and best practices. The association conducts enriching training sessions, conferences, workshops, and webinars for its members.

2021 Total Cost	PL	SPR	Total Federal	Total Match
\$90,000.00	\$45,000.00	\$0.00	\$45,000.00	\$45,000.00

CHAPTER TWO – ILLINOIS METROPOLITAN 3-C PROJECTS

Metropolitan Planning Area	Project Title	Description of Project
Statewide IDOT Bureau of Programming Function P31	Pavement Condition Data Collection and Analysis	Collect pavement images and condition data on an annual basis for the State's nearly 16,000-mile highway system, the National Highway System (NHS), Highway Performance Monitoring System (HPMS) sections and additional mileage including the local jurisdiction functionally classified system of collectors and above. In total the collected mileage will be approximately 24,000 miles per year. In addition, collection and extraction of the State's Highway roadside assets will be conducted. The collection of this data allows the Department and local agencies to preform pavement condition assessments for highway planning, construction, and reporting requirements. 4-year contract for a total of \$10.25M. \$3.5M per year for years 1 & 2 includes CRS, optional Asset extraction and equipment. \$1.5 per year for years 3 & 4 CRS only. \$700,000 for consultant services.

2021 Total Cost	PL	SPR	Total Federal	Total Match
\$10,950,000.00	\$5,304,042.00	\$3,455,958.00	\$8,760,000.00	\$2,190,000.00

Appendix A - IDOT Sponsored -Current Projects

Function Number State Job Number	Federal Project Number	Office	Bureau	Project Title	Total Cost	Total Federal Costs	Previously Authorized	Authorized w/ FY2020 SPR-PL Amendment 3	State Fiscal Year Term
P31 HPR-66-118-18	3000(123)	Office of Planning and Programming	Bureau of Programming	Adapt CRS Data to a Pavement Management System	\$4,570,862.46	\$3,656,689.97	\$2,285,431.25	\$2,285,431.25	03/28/2017 - 03/27/2021
B59 HPR-66-126-18	3000(130)	Office of Finance and Administration	Bureau of Information Processing	Fiber Planning and Tracking Software Purchase	\$413,440.00	\$330,752.00	\$330,752.00	\$82,688.00	04/10/2015 - 04/09/2022
D31 HPR-66-149-18	CW12(938)	Office of Planning and Programming	Bureau of Operations	Maintenance Yard Study	\$1,457,359.00	\$1,165,887.20	\$1,000,000.00	\$457,359.00	07/01/2017 - 06/30/2021
D35 HPR-66-158-18	96N6(732)	Office of Planning and Programming	Bureau of Programming	Multi-Year Program Highways Program Development	\$349,000.00	\$279,200.00	\$316,000.00	\$33,000.00	07/01/2017 - 06/30/2021
D46 HPR-66-020-19	L5EU(442)	Office of Highway Project Implementation	Bureau of Operations	Green-Friendly Best Management Practices for Interstate Rest Areas Update	\$600,000.00	\$480,000.00	\$400,000.00	\$200,000.00	7/1/2018 - 06/30/2021
D50 HPR-66-024-19	RYY7(948)	Office of Planning and Programming	Bureau of Planning	Illinois State Bicycle Map Printing	\$150,000.00	\$120,000.00	\$75,000.00	\$75,000.00	7/1/2018 - 06/30/2021
D54 HPR-66-028-19	F2P4(776)	Office of Highway Project Implementation	Bureau of Local Roads and Streets	Cell Phone Based Roughness Index Study	\$280,000.00	\$224,000.00	\$249,000.00	\$31,000.00	07/01/2018 - 06/30/2021
D97 HPR-66-071-19	IYKU(495)	Office of Planning and Programming	Bureau of Planning	Bike Maps/Network	\$575,000.00	\$460,000.00	\$387,500.00	\$187,500.00	07/01/2018 - 06/30/2021
D98 HPR-66-072-19	X8LT(765)	Office of Highway Project Implementation	District One	Regional Transportation Management System	\$625,000.00	\$500,000.00	\$375,000.00	\$250,000.00	07/01/2018 - 06/30/2021

Function Number State Job Number	Federal Project Number	Office	Bureau	Project Title	Total Cost	Total Federal Costs	Previously Authorized	Authorized w/ FY2020 SPR-PL Amendment 3	State Fiscal Year Term
E13 HPR-66-086-19	XJW7(005)	Office of Planning and Programming	Bureau of Innovative Project Delivery	Alternate Project Delivery Development Support	\$6,000,000.00	\$4,800,000.00	\$5,000,000.00	\$1,000,000.00	07/01/2018- 06/2/2022
A66 HPR-66-095-19	T3U1(602)	Office of Communications	Bureau of Safety Programs and Engineering	Work Zone Safety Campaign	\$2,400,000.00	\$1,920,000.00	\$1,200,000.00	\$1,200,000.00	07/01/2018 - 06/30/2021
E59 HPR-66-024-20	0AM8(775)	Office of Planning and Programming	Bureau of Planning	Analysis of Connectivity between Inter-City Passenger Rail and Transit in Illinois	\$300,000.00	\$240,000.00	\$100,000.00	\$200,000.00	07/01/2019 - 06/30/2021
E60 HPR-66-025-20	MZVJ(960)	Office of Planning and Programming	Bureau of Planning	Bicycle Facility Inventory	\$300,000.00	\$240,000.00	\$150,000.00	\$150,000.00	07/01/2019 - 06/30/2021
E61 HPR-66-026-20	NJ5M(395)	Office of Planning and Programming	Bureau of Planning	Illinois State Rail Plan Capital and Operating Financing Plans	\$250,000.00	\$200,000.00	\$125,000.00	\$125,000.00	07/01/2019 - 06/30/2021
D32 HPR-66-029-20	F5N9(250)	Office of Planning and Programming	Bureau of Programming	Field Collection of Data on Various Routes in Districts 1- 9	\$11,250,000.00	\$9,000,000.00	\$3,750,000.00	\$7,500,000.00	07/01/2019 - 06/30/2021
E64 HPR-66-059-20	MTHS(647)	Office of Planning and Programming	Bureau of Planning	Downstate Illinois Transit Non-Ridership Study	\$375,000.00	\$300,000.00	\$187,500.00	\$187,500.00	07/01/2019 - 06/30/2021
E53 HPR-66-061-20	I3T4(680)	Office of Planning and Programming	Bureau of Planning	Geometric Training Videos	\$135,937.50	\$108,750.00	\$135,937.00	\$135,937.00	07/01/2019 - 06/30/2021
Total Costs					\$30,031,598.96	\$24,025,279.17	\$16,067,120.25	\$14,100,415.25	

Appendix A - External Sponsored -Current Projects

Function Number State Job Number	Grantee Organization	Project Title	Total Cost	Total Federal Costs	Previously Authorized	Authorized w/ FY2020 SPR-PL Amendment 3	Funding Terms
E21 HPR-66-030-20	Chicago Transit Authority	CTA Transit System Network Design Study	\$500,000.00	\$400,000.00	\$350,000.00	\$150,000.00	07/01/2019 - 06/30/2021
E22 HPR-66-031-20	Chicago Transit Authority	CTA Bus Priority Zones (BPZ)	\$500,000.00	\$400,000.00	\$375,000.00	\$125,000.00	07/01/2019 - 06/30/2021
E23 HPR-66-032-20	Pace Suburban Bus	Pace Suburban Bus Capital Facilities Planning	\$420,000.00	\$336,000.00	\$150,000.00	\$270,000.00	07/01/2019 - 06/30/2021
E27 HPR-66-036-20	Greater Egypt Regional Planning and Development Commission	Greater Egypt County Highway Safety Study	\$120,000.00	\$96,000.00	\$90,000.00	\$30,000.00	07/01/2019 - 06/30/2021
E28 HPR-66-037-20	Springfield Sangamon County RPC	Travel Demand Model	\$71,595.00	\$57,276.00	\$53,696.25	\$17,898.75	07/01/2019 - 06/30/2021
E29 HPR-66-038-20	McHenry County Division of Transportation McHenry County Council of Mayors	McHenry County Sub-regional Bicycle and Pedestrian Plan	\$200,000.00	\$160,000.00	\$80,000.00	\$120,000.00	07/01/2019 - 06/30/2021
E31 HPR-66-040-20	Peoria County	Peoria County Transportation Equity and Economic Mobility Studies	\$100,000.00	\$80,000.00	\$80,000.00	\$20,000.00	07/01/2019 - 06/30/2021
E32 HPR-66-041-20	Greater Peoria Mass Transit District (GPMTD)	GPMTD Micro-transit Study	\$210,000.00	\$168,000.00	\$60,000.00	\$150,000.00	07/01/2019 - 06/30/2021
E34 HPR-66-043-20	McLean County Regional Planning Commission	Bloomington Normal Mobile Transportation Management Consortium	\$100,000.00	\$80,000.00	\$80,000.00	\$20,000.00	07/01/2019 - 06/30/2021

Function Number State Job Number	Grantee Organization	Project Title	Total Cost	Total Federal Costs	Previously Authorized	Authorized w/ FY2020 SPR-PL Amendment 3	Funding Terms
E37 HPR-66-046-20	Chicago Metropolitan Agency for Planning (CMAP)	Commercial Services Vehicle Touring Model	\$125,000.00	\$100,000.00	\$60,000.00	\$65,000.00	07/01/2019 - 06/30/2021
E38 HPR-66-047-20	Region 1 Planning Commission (R1PC)	Regional Interchange Study	\$178,886.19	\$143,108.95	\$85,966.41	\$92,919.78	07/01/2019 - 06/30/2021
E39 HPR-66-048-20	County of DuPage	East Branch DuPage River Greenway Trail Feasibility Study	\$250,000.00	\$200,000.00	\$200,000.00	\$50,000.00	07/01/2019 - 06/30/2021
E40 HPR-66-049-20	Tri-County Regional Planning Commission	Central Illinois Digital Planimetric Data Project	\$186,250.00	\$149,000.00	\$93,125.00	\$93,125.00	07/1/2019 - 06/30/2021
E41 HPR-66-050-20	Tri-County Regional Planning Commission	Peoria Grey Area Mobility Enhancement and Expansion Study	\$100,000.00	\$80,000.00	\$75,000.00	\$25,000.00	07/01/2019 - 06/30/2021
E42 HPR-66-051-20	City of Rockford	11th Street Corridor Study	\$200,000.00	\$160,000.00	\$100,000.00	\$100,000.00	07/01/2019 - 06/30/2021
E43 HPR-66-052-20	City of Decatur	Decatur Bicycle Plan	\$75,000.00	\$60,000.00	\$65,000.00	\$10,000.00	07/01/2019 - 06/30/2021
E48 HPR-66-057-20	Chicago Department of Transportation	Chicago River Edge Access Study	\$200,000.00	\$160,000.00	\$80,000.00	\$120,000.00	07/01/2019 - 06/30/2021
D60 HPR-66-034-19	Bi-State Development - St. Louis Regional Freight-way	Illinois/Missouri - Modeling Freight Flows and Visualizing System Performance	\$540,768.00	\$432,614.40	\$300,768.00	\$240,000.00	07/01/2018 - 06/30/2021
D64 HPR-66-038-19	Champaign County Regional Planning Commission	Development of Champaign County Safety Forecasting Tool	\$184,000.00	\$147,200.00	\$145,000.00	\$39,000.00	07/01/2019 - 06/30/2021

Function Number State Job Number	Grantee Organization	Project Title	Total Cost	Total Federal Costs	Previously Authorized	Authorized w/ FY2020 SPR-PL Amendment 3	Funding Terms
D66 HPR-66-043-19	Champaign County Regional Planning Commission	Illinois Modeling Users Group: Building IL MPOs Travel Demand Models and Providing Technical Support for IL MPOS	\$211,421.29	\$169,137.03	\$180,000.00	\$31,421.29	07/01/2018 - 06/30/2021
D67 HPR-66-044-19	Chicago Department of Transportation	Complex Intersections Framework Plan	\$1,250,000.00	\$1,000,000.00	\$875,000.00	\$375,000.00	07/01/2018 - 06/30/2021
D69 HPR-66-046-19	Chicago Metropolitan Agency for Planning (CMAP)	Local Technical Assistance Program Support	\$500,000.00	\$400,000.00	\$350,000.00	\$150,000.00	07/01/2018 - 06/30/2021
D70 HPR-66-047-19	Chicago Metropolitan Agency for Planning (CMAP)	Illinois International Port District (IIPD) Master Plan	\$351,947.13	\$281,557.70	\$213,000.00	\$138,947.13	07/01/2018 - 06/30/2021
D71 HPR-66-048-19	Chicago Metropolitan Agency for Planning (CMAP)	Pavement Management Plans for Chicago Local Agencies	\$1,995,730.29	\$1,596,584.23	\$1,333,332.00	\$662,398.29	07/01/2018 - 06/30/2021
D77 HPR-66-054-19	Cook County Department of Transportation and Highways	Cook County Transit Plan	\$487,500.00	\$390,000.00	\$380,000.00	\$107,500.00	07/01/2018 - 06/30/2021
Total Costs			\$16,360,574.05	\$13,088,459.24	\$10,470,767.39	\$8,376,613.91	

Appendix B - Illinois SPR and Metropolitan Planning (PL) Program

July 1, 2020 through June 30, 2021

A. Available Estimated Federal Funds

Unobligated Balance as of 05/08/2020	
State Planning & Research (SPR) Funds	
Fund	Balance
L550	\$3,363,147.88
L55E	\$1.76
M55E	\$49,318.50
Z550	\$68,406,442.68
	<u>\$71,818,910.82</u>
PL Funds	
Fund	Balance
L450	\$194,876.64
M45E	\$252,024.93
Z450	\$43,731,674.40
	<u>\$44,178,575.97</u>
FTA Funds*	
Z77D	\$37,138.52
20MP	\$4,404,076.00
	<u>\$4,441,214.52</u>
Total	\$120,438,701.31

* Transferred to FHWA for use

B. Total Federal Proposed Program as of May 29, 2020

FY21 Proposed Program	
(SPR) Projects	\$52,103,405.90
Urbanized Area Planning (PL)	\$25,174,701.65
Urbanized Area (FTA)	<u>\$4,441,214.52</u>
Total	\$81,719,322.07

FY2021 SPR Funds & Proposed Costs	
State Planning & Research (SPR) Funds	
Fund	Balance
L550	\$3,363,147.88
L55E	\$1.76
M55E	\$49,318.50
Z550	<u>\$68,406,442.68</u>
	\$71,818,910.82
FY21 Proposed Program	
(SPR) Projects	<u>\$52,103,405.90</u>
Total	\$52,103,405.90
Difference	\$19,715,504.92

FY2021 PL /FTA Funds and Proposed Costs	
PL Funds	
Fund	Balance
L450	\$194,876.64
M45E	\$252,024.93
Z450	<u>\$43,731,674.40</u>
	\$44,178,575.97
FTA Funds	
Z77D	\$37,138.52
Z0MP	<u>\$4,404,076.00</u>
	\$4,441,214.52
PL/FTA Total	\$48,619,790.49
FY 2021 Proposed Program	
Urbanized Area Planning (PL)	\$25,174,701.65
Urbanized Area (FTA)	<u>\$4,441,214.52</u>
Total	\$29,615,916.17
Difference	\$19,003,874.32

C. Proposed Funding and Match Source as of May 28, 2020

SPR Fund Types	80% Federal Funds	Match State Funds	Match Local Funds	Total
L550	\$3,363,147.88	\$840,786.97	\$0.00	\$4,203,934.85
L55E	\$1.76	\$0.44	\$0.00	\$2.20
M55E	\$46,318.50	\$11,579.63	\$0.00	\$57,898.13
Z550	\$48,693,937.76	\$9,694,090.44	\$2,479,394.00	\$60,867,422.20
TOTAL	\$52,103,405.90	\$10,546,457.48	\$2,479,394.00	\$65,129,257.38

Metro Planning Fund Types	80% Federal Funds	Match State Funds	Match Local Funds	Total
L450	\$194,876.64	\$48,719.16	\$0.00	\$243,595.80
M45E	\$252,024.93	\$63,006.23	\$0.00	\$315,031.16
Z450	\$24,727,800.08	\$5,714,470.41	\$538,780.84	\$30,981,051.33
Z77D*	\$37,138.52	\$9,284.63	\$0.00	\$46,423.15
20MP*	\$4,404,076.00	\$1,101,019.00	\$0.00	\$5,505,095.00
TOTAL	\$29,615,916.17	\$6,936,499.43	\$538,780.84	\$37,091,196.44

D. Office of Intermodal Project Implementation Planning

The notice of funding opportunity (NOFO) to award planning funds utilizing Federal Transit Administration Funding has been drafted and is currently being reviewed by IDOT's chief legal counsel. It is estimated that the NOFO will be released late June to early July with awards occurring as soon as possible after NOFO closing. Once projects are selected for award, the FY21 SPR-PL Work Program will be amended to include these projects.

E. Illinois State Safety Oversight Agency (SSOA) FTA 5539

The Illinois Department of Transportation State Safety Oversight Agency (IL-SSOA) program fulfills the Federal Transit Administration (FTA) requirement for the states to oversee the safety and security of Rail Fixed Guideway Public Transportation Systems not regulated by the Federal Railroad Administration (FRA). The program is responsible for establishing and overseeing implementation of safety practices that reduce the likelihood of events that may lead to death, injury or property damage, and procedures to reduce intentional wrongful or criminal acts that occur on public transportation. The Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991 (49 U.S.C. Section 5330), requires states to oversee the safety and security of rail fixed guideway systems through a designated State Safety Oversight Agency (SSOA). Moving Ahead for Progress in the 21st Century Act (MAP-21) of 2012 (49 U.S.C. § 5329) enhanced SSOA responsibilities and provided for annual apportionments. The FTA administers the IL-SSOA requirements through their final ruling in 49 CFR Part 674. The IL-SSOA is financially and legally independent from the transit agencies it oversees. It oversees and enforces rail transit agency safety plans. It has investigative and enforcement authority of rail transit agency safety. It is responsible for auditing rail transit agency compliance with safety plans and making annual reports to the FTA.

Federal Apportionments by Year

State Fiscal Year	Annual Apportionment	Status Report
2014	\$2,110,981.00	Awarded currently expending, expected late 2020 closeout
2015	\$1,699,897.00	Awarded currently expending, expected late 2020 closeout
2016	\$1,915,058.00	Awarded and will start drawdown in FY2021
2017	\$1,928,741.00	Awarded and will start drawdown in FY2021
2018	\$1,949,363.00	Applying for by September 1, 2020 and will start drawdown in FY2022
2019	\$1,971,295.00	Not yet applied for
2020	\$2,003,271.00	Not yet applied for

Consultant / Internal Costs

The SSOA Program contracts with a technical consultant to provide subject matter experts and administrative support at an average of \$260,000 a year. The balance of the funds is used for internally administrative costs, travel, and training.