

# Rebuild Illinois Statewide Transit Capital Program

## BACKGROUND

In 2020, as part of the Rebuild Illinois Capital Program, the state of Illinois appropriated funds for the purpose of providing capital grants to downstate public transit agencies. These funds are separated into two funding programs, the Multi-Modal Transportation Bond Fund for Downstate Public Transportation in the amount of \$204,000,000, and the Downstate Mass Transportation Capital Improvement Fund in the amount of \$151,944,000, for a total of \$355,944,000.

The Transit Capital Bureau intends to divide the appropriated capital funds to provide the option of at least two separate calls for projects over the next three to four years.

The first call for projects was announced in January 2020 with an application due date that was extended to June 2020. IDOT received a total of 31 applications, including 19 from rural transit providers and 12 from urban transit providers.

The Downstate Capital Transit Section reviewed each application to determine if it met the required criteria to be included in this capital program. Of the 19 rural applications, a total of \$23,180,394 in projects was determined to be eligible. Of the 12 urban applications, a total of \$151,750,207 in projects was determined to be eligible. This amounted to a total request of \$174,930,601.

For the Capital Bureau to maintain its plan for multiple calls for projects, it has been determined that we need to set a funding limit of approximately \$100 million for the first call for projects. This will allow for at least one more call for projects over the life of the program.

Due to the need to reduce the amount of funding for this call for projects, the Capital Bureau has reviewed the funding request differences between the urban and rural applicants. Based on this analysis, staff recommends reducing the larger urban requests by approximately 50% to bring the proportional funding of the urban to rural applicants close to a 75%-25% split. This results in a total apportioned amount \$24,959,517 for rural recipients and \$87,554,399 for urban recipients, yielding a program total of \$112,513,916.

## SCOPE OF WORK & JUSTIFICATION OF RURAL APPLICANTS

### Champaign County

- The county is requesting the procurement of an additional medium-duty bus to facilitate the implementation of a deviated fixed-route in Mahomet, Illinois. Trip data shows Mahomet as the second-highest municipality for trip generation in rural Champaign County.
- Champaign County also proposes in this application the procurement of exterior and interior bus cameras for C-CARTS 13-bus fleet, plus cameras for an additional bus in the likely event that the county adds another bus to the current fleet in the next two years. The utilization of bus cameras will assist in resolving disputes and increasing safety for both passengers and operators.
- Apportioned amount is \$107,000.

### City of Macomb

- Replace a 23-foot medium-duty vehicle that is 12 years old. Replace 35-foot large transit bus that is 22 years old. Both vehicles have exceeded the benchmarks of replacement by age and mileage.
- Replace forklift battery pack. Current battery pack has exceeded its useful life.
- Replace the Cub Cadet Zero Turn Riding Lawn Mower. The mower is 6 years old with an expected life of 5 years.
- Apportioned amount is \$506,400.

### **City of Ottawa**

- Purchase two new small paratransit vehicles. The small units will get good mileage and include wheelchairs or similar mobility devices.
- Construct a roof over the city's new parking lot, which is scheduled to be constructed soon. A roof over the lot will alleviate weather and sun concerns and will contribute to extending the life of the vehicles.
- Purchase and install camera surveillance system on all city fleet vehicles. The system will protect the city's assets, drivers and passengers.
- Apportioned amount is \$1,053,585.

### **City of Quincy**

- Replace a service truck to haul parts and run service calls for buses. The original truck was disposed of in 2016.
- Replace an administrative vehicle to deliver bus passes to vendors, attend sales calls for services and facilitate all types of services and conferences.
- Apportioned amount is \$67,201.

### **Coles County**

- Replace a bus that caught fire with a medium-duty 14-passenger bus. The new bus will aid in the public transportation needs for the residents of the county.
- Replace current paratransit and dispatching/routing software since the current software company has not modernized or implemented specific features necessary for the county's program to perform effectively.
- Apportioned amount is \$91,658.50.

### **Grundy County**

- Replace three medium-duty buses that are beyond their useful life.
- Apportioned amount is \$180,741.

### **Jo Daviess County**

- Replace four 30-foot buses and two paratransit vans due to high mileage.
- Replace Jo Daviess County Transit's office equipment, specifically computers due to old age.
- Repair the roof of the older section of the administration building due to leaks and constant repairs.
- Apportioned amount is \$378,000.

### **Kankakee County**

- Replacement of a medium-duty 14-passenger paratransit vehicle to be used in the provision of non-urban public transportation in Kankakee County.
- Replacement of mobile radios in the county's fleet. Radio communication will ensure the safest and most efficient provision of services in a rural area.
- Apportioned amount is \$82,000.

### **Kendall County**

- Purchase of bus surveillance system. No current surveillance system for the buses in place. Bus surveillance helps to address liability issues and offers an additional level of quality assurance.
- Purchase of two medium-duty paratransit buses. A total of 25% of the current fleet is more than 10 years old and still used actively, while the Kendall Area Transit (KAT) system demand has increased steadily. Expansion vehicles would help address growth while reducing regular use of older vehicles.
- Engineering and design for a new bus terminal. KAT is currently borrowing space from Kendall County in two locations and can only park a third of the fleet under the roof. KAT is seeking design work to plan for future development of an integrated transit facility.
- Acquisition of new radios. Upgrades to the radio system would focus on switching to digital service and extending the range of the signal.
- Apportioned amount is \$505,494.

### **CRIS Rural Mass Transit District**

- Purchase of network server, three desktop computers and monitors, color printer, and four 40-inch smart TV monitors. Modernizing outdated equipment will meet industry standards.
- Apportioned amount is \$22,300.

### **DeKalb County**

- Purchase two medium-duty paratransit buses to assist in expansion of rural transit services, and one medium-duty paratransit bus to replace one that was totaled in an accident.
- Upgraded ventilation/HVAC systems in facilities. Updates will be more energy efficient and cost effective.
- Upgrade bus surveillance system for safety and security of drivers and passengers. Upgrade radio transmitter. Current system is outdated and needs repair.
- Apportioned amount is \$361,839.20.

### **Henry County**

- Replace a 14-passenger, medium-duty van that was totaled in an accident and removed from the fleet in November 2019. The addition of this vehicle will allow the county to increase ridership.
- Apportioned amount is \$35,912.

### **Lee County**

- Purchase of real estate property to design, construct and equip a new satellite maintenance and administration location in Ogle County, which shares Lee County's transportation system. Overall, the facility will provide the Lee Ogle Transportation System with a greater presence.
- Purchase of three Ford transit vehicles, one of which will be expansion and two of which will be replacements.
- Purchase of video cameras for each transit vehicle in the LOTS system.
- Overall, this proposed capital project of Lee County/LOTS will improve access for ridership, improve safety for both riders and drivers, and reduce the volume of "dead-head" rides between counties.
- Apportioned amount is \$2,794,783.

### **McLean County**

- Purchase three replacement super-medium-duty paratransit buses and three medium-duty buses for use in six counties.
- Purchase one support vehicle for the maintenance department.

- Purchase mobile and bus radios, computers to support dispatching software, maintenance equipment, fax/copier/printer scanner machine to replace aging equipment and allow the shop to perform reoccurring jobs in house. Purchase bus passenger shelters for use along deviated fixed routes to protect riders from the elements.
- Apportioned amount is \$866,600.

### **Monroe Randolph Transit District**

- Purchase new office equipment to replace existing equipment in disrepair.
- Purchase ITS-related equipment to include additions to existing Ecolane dispatching software program of proprietary nature, new PC and tablet computers, cellphones, dispatching monitors and facility video security cameras.
- Apportioned amount is \$153,926.

### **Rides Mass Transit District**

- Upgrade all information technology items to replace existing end-of-life hardware and software items and include new remote capability technologies.
- Construct a new or purchase and remodel an existing multiuse vehicle storage maintenance and dispatch facility in Wayne County. A new or remodeled facility will save \$45,000 in annual lease expenses and a more efficient facility will generate additional operating savings.
- Construct an operations and maintenance facility of 10,000 square feet in Olney, Illinois. The facility will replace an existing leased facility that no longer meets service requirements.
- Construct a storage/maintenance facility of 15,000 square feet in Carbondale, Illinois. The proposed facility will support fixed-route and paratransit operations throughout the Carbondale urbanized area.
- Purchase heavy-duty bus and maintenance equipment, mobile lifts, bus and bus facility video systems. The benefits derived from the above equipment will have a positive impact on the transit system to operate reliably and safely.
- Purchase bus shelters and route supervisor minivans for the district's urbanized area. The shelters will provide protection to the riders from the elements. The minivans and operators will ensure fixed routes are operating properly and on time.
- Apportioned amount is \$9,825,000.

### **Shawnee Mass Transit District**

- Purchase land, design and build a new office building/depot with an attached maintenance garage in Union County, Illinois. Included will be a parking lot large enough to house fifteen various size buses and minivans with employee/customer parking equipped with handicap accessible parking spots.
- Design and build a new administration facility in Pulaski County.
- Apportioned amount is \$2,724,000.

### **South Central Transit**

- Purchase of mobile farebox collection equipment, rack servers, customer management software, mobile data terminals/tablets, updated document centers for offices, bus-stop message boards, passenger shelters and fuel tank canopies. Additionally, update Locust Street Transportation Center to include recoating of roof and replacing exhaust system for the restrooms.
- Apportioned amount is \$2,711,000.

### **West Central Mass Transit District**

- Construct a new building to house administration, training facilities and dispatch center for six county areas, renovate two existing buildings to provide covered storage for all revenue

vehicles, and resurface existing parking lot and driveway. Purchase computerized dispatching software and hardware equipment. Completed project will increase efficiencies, protect vehicles and consolidate dispatching and management, resulting in improved communication and coordination between six counties.

- Apportioned amount is \$2,492,076.67.

## **SCOPE OF WORK & JUSTIFICATION OF URBAN APPLICANTS**

### **Rockford Mass Transit District**

- Purchase 11 35-foot fixed route alternative fuel buses and six 20-foot paratransit vehicles. The new vehicles will replace fixed-route and paratransit vehicles that have exceeded their useful life.
- Purchase radios, cameras, routers, tablets and automated passenger counters, which will enhance safety, improve connectivity with office operations and provide seamless transfers to the Stateline Mass Transit District.
- Procure design, construction management as well as purchase and installation of depot charges, depot power blocks, dispenser reels and other associated equipment, which will reduce energy consumption and harmful emissions, including the emission of greenhouse gases associated with the fleet.
- Apportioned amount is \$6,850,000.

### **Stateline Mass Transit District**

- Purchase three medium-duty handicapped accessible buses with communication and security equipment for expansion of fleet. SMTD provides much-needed transportation services to transit-dependent individuals in the Rockton, Roscoe and South Beloit areas.
- Apportioned amount is \$225,000.

### **City of DeKalb**

- Procure architectural, engineering, and construction of a Transit Maintenance, Operations, and Transfer Facility for the DeKalb Urbanized Area. The city of DeKalb and the DeKalb Urbanized Area currently do not have a centralized location for transit assets. The city estimates the size of the transit facility to be approximately 100,000 square feet. This would provide ample room for existing fleet and personnel while also considering future needs.
- Apportioned amount is \$5,000,000.

### **River Valley Metro Mass Transit District**

- Construct a true maintenance facility at the district's headquarters in Bourbonnais.
- The new building will include properly sized service bays, bus lifts and a secured parts/tools storage location. The larger building will allow Metro to better manage its assets and include modern equipment to promote a safe working environment.
- Apportioned amount is \$8,020,000.

### **Rock Island County Metropolitan Mass Transit District**

- Purchase eight 40-foot replacement buses and 12 35-foot replacement buses and 35-foot expansion buses. The new buses are expected to increase fleet reliability, reduce maintenance and fuel costs, and allow further improvement to transit use and the overall transit experience by passengers and the general public.
- Construct Multi-Modal Pedestrian Streetscape Improvement to include sidewalk improvements, constructing accessible curb cutouts, concrete work in existing right of way to improve transit access, installing bike racks and other passenger amenities.

- Purchase/install electric bus charging equipment. These chargers are necessary for the operation of electric buses, as these are what are used to “fuel” the buses.
- Apportioned amount is \$10,994,363.

### **Connect Transit (Bloomington-Normal)**

- Design and construct a downtown Bloomington transportation center. The center will improve safety and mobility for passengers. The current location — a parking area spreading across three blocks — lacks amenities, access, proper safety measures and capacity.
- Purchase four 35-foot replacement electric buses, which will replace existing vehicles that have exceeded their useful life.
- Procure architectural/engineering services for the design of 90 bus stops in the city of Bloomington and town of Normal transit service area.
- Perform construction for 90 bus stops that will include ADA-compliant concrete pads, shelters and benches.
- Purchase 10 5-foot by 10-foot bus shelters for bus stop improvements.
- Apportioned amount is \$9,916,000.

### **Madison County Transit**

- Construct a new administration building and associated site and security improvements at the MCT Transit Operations Center. The funds being requested are specifically for design/construction management services and construction related to security improvements for both the new building and entire TOC. Since the inception of MCT operations over three decades ago, MCT has expanded significantly.
- Purchase transit automation and communication technology. Upgrading MCT’s existing communications infrastructure will greatly improve its ability to prepare for increased real-time data transmission and retention. Installation of passenger information screens on the fixed-route buses and at transit stations will provide passengers with real-time information about the MCT fixed-route bus services.
- Apportioned amount is \$15,251,000.

### **Champaign-Urbana Mass Transit District**

- Purchase three 60-foot replacement diesel buses to provide fixed-route public transportation service to Champaign-Urbana and the University of Illinois campus. The new hybrid buses will replace 19-year-old standard diesel buses, which are well beyond their intended useful life of 12 years.
- Rehab and renovate bus stations to improve old passenger information kiosks by repairing components and the exterior. These steps would extend the life of these aging kiosks at a significantly reduced cost relative to the full replacement cost.
- Construct a 3 million kWh solar array. The district will directly utilize the energy generated from the array to power the hydrogen generation and fueling station at MTD’s maintenance facility.
- Apportioned amount is \$7,597,500

### **City of Danville**

- Purchase four 35-foot low-floor replacement buses. The existing buses to be replaced have exceeded their useful life.
- Replace underground diesel fuel and waste storage tanks at 101 N. Jackson St. The existing tanks were installed when the facility was built in the 1980s and are difficult to insure due to their old age.
- Acquire land for administrative/maintenance upgrade and addition.
- Procure architectural/engineering services for administrative/maintenance upgrade and addition.

- Apportioned amount is \$2,255,000.

### **City of Decatur**

- Purchase fare box system to replace existing one.
- Purchase heavy-duty work truck to replace 2001 truck. The new vehicle will be utilized for snow removal and salt spreading during winter.
- Purchase and install tire lift system, which will help prevent employees from potential injury when lifting tires onto storage racks.
- Repair and resurface parking lot at 555 E. Wood St.
- Improve HVAC system by repairing and replacing heating and cooling systems for all transit facilities. The improvements will provide better air quality and control for all facilities in a more energy efficient manner.
- Construct bus stop accessibility improvements by repairing sidewalks and ramps to all bus stop locations. The improvements are needed for all stops so that they become accessible to all passengers.
- Apportioned amount is \$1,140,000.

### **Greater Peoria Mass Transit District**

- Construct a new facility and make various improvements to the existing pre-engineered buildings that house the maintenance and operations functions for GPMTD. This project will revise the fundamental flow and circulation of all the maintenance and operations activities of vehicles and personnel to maximize safety and efficiency.
- Purchase miscellaneous equipment (driver simulator, bus camera system, driver barriers, fareboxes, ITS, etc.) to improve day-to-day operations of the system.
- Apportioned amount is \$16,747,000.

### **Sangamon Mass Transit District**

- Purchase four road supervisor vans to replace aging supervisor fleet.
- Replace two maintenance vehicles that have reached the end of their useful life.
- Replace bus wash, which is at the end of its lifecycle.
- Purchase one portable lift to increase productivity.
- Purchase on-the-bus brake lathe to improve the maintenance shop's ability to work with changing brake technology.
- Replacement and expansion of facility camera surveillance system to address "blind spots" to improve the protection of the district's assets.
- Update of the maintenance garage lighting to improve safety by increasing visibility in critical work areas.
- Resurface the district's transfer center parking lot, which is failing in spots directly below where the bus parks to pick up/disembark passengers.
- Repair south storage facility roof and exterior walls to avoid further deterioration.
- Apportioned amount is \$3,558,536.