

DUATS

Metropolitan Planning Organization

ANNUAL LISTING OF FEDERALLY OBLIGATED PROJECTS

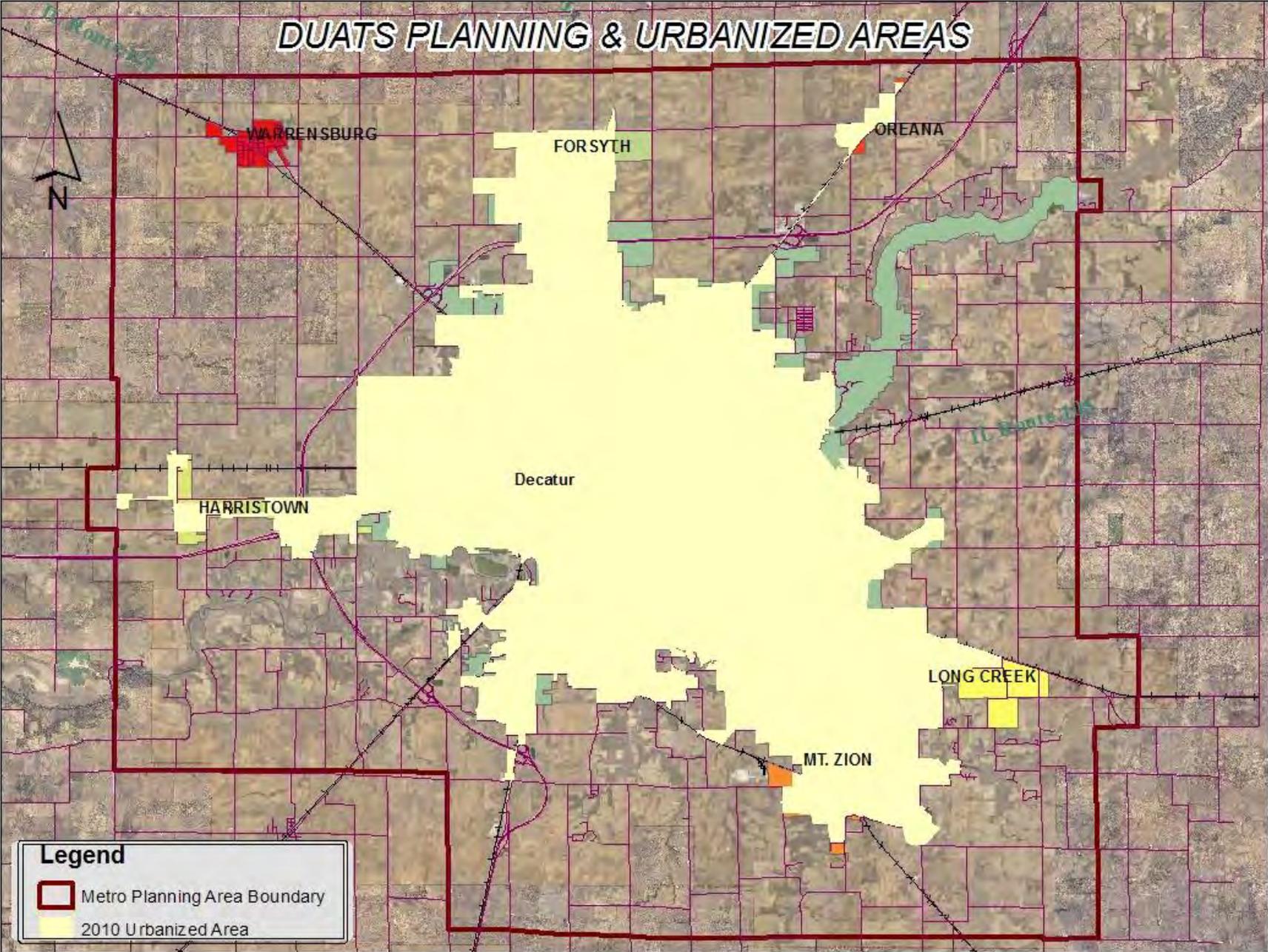
July 1, 2018 through June 30, 2019

This document was prepared by DUATS in compliance with the provisions of MAP-21. Questions or comments on its content should be sent to DUATS, #1 Gary K. Anderson Plaza, Decatur, Illinois, 62523, Voice: 217.424.2782 or email: DUATS@decaturil.gov

TRANSPORTATION PLANNING AND THE DECATUR URBANIZED AREA TRANSPORTATION STUDY

In the early 1960's, Federal legislation was passed requiring all urbanized areas of 50,000 or more to plan and program local Federal Aid Highway and other surface transportation projects using a continuing, comprehensive and cooperative process within the prescribed planning area. From its initial inception in 1964 to early 2006, the Macon County Regional Planning Commission was the Lead Agency responsible for such planning. In early 2006, the Lead Agency role of providing planning and programming for the Decatur Metropolitan Planning Area (MPA) was transferred to the City of Decatur's Community Development Department. The Intergovernmental Agreement originally developed and ratified in early 2002 creating the architecture of DUATS was amended and reaffirmed by the Policy Committee on March 21, 2006. The amendments adopted on that date moved the Lead Agency role from the County to the City of Decatur's Department of Community Development, reflected the transfer of Macon County from IDOT District 5 to District 7 and changed some of the representatives on the Policy and Technical Committee accordingly. Consolidation of staff operations and transportation planning functions was completed on May 1, 2006.

There are three (3) areas within the DUATS realm of activity – Urbanized Area, Urban Area and Metropolitan Planning Area. Each has a unique role and different boundaries. The Urbanized Area is defined by the U.S. Census Bureau. The Urban Area and MPA are delineated by DUATS. The map on the next page shows these areas. Of the latter two, the MPA is the more important and is dealt with most often by DUATS. The MPA boundary is shown on Page 2.



Unless, noted otherwise in the table on Page 9 the Federally Obligated Projects, listed in this document, are in the MPA. DUATS’ annual TIP program includes all transportation related projects that are likely to occur within the MPA. Not all the programmed projects include Federal funding.

The MPA is the subject area referred to as the 30-year planning horizon. DUATS regularly looks at the MPA regarding land use, traffic, traffic infrastructure needs and future transportation planning activities. The Long-Range Transportation Plan (LRTP) is based on the 30-year planning horizon. The LRTP is reviewed annually and comprehensively updated at least every five (5) years as conditions warrant regarding land use and transportation planning. The last update was adopted in December 2014 and is titled *Decatur Pathways 2040*.

Transportation planning in the Decatur MPA is a collaborative effort. The official organization, DUATS, which provide 3-C services (comprehensive, cooperative and continuing), includes the following ten governmental entities.

- City of Decatur
- County of Macon
- Decatur Park District
- Decatur Public Transit System
- Village of Forsyth
- Village of Harristown
- Village of Mt. Zion
- Village of Oreana
- Illinois Department of Transportation
- Federal Highway Administration
- Federal Transit Administration
- Macon County Highway Department

DUATS’ organizational structure is designed to foster an atmosphere that is fair and impartial regarding planning projects, administering programs and determining priorities. The 3-C planning process used by DUATS has also proved successful in engaging key stakeholders and the public in the planning process.

DUATS is responsible for the following documents and transportation programming.

1. Provide a means of efficient communication between several Federal and State agencies and various units of local government within the Metropolitan Planning Area;
2. To encourage effective cooperation between Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Illinois Department of Transportation (IDOT), Illinois Department of Natural Resources (IDNR) and the various agencies and units of local government regarding implementation of the plans and provisions of the Long-Range Transportation Plan (LRTP), Transportation Improvement Plan (TIP) and Unified Work Program (UWP);
3. Review and provide recommendations and comments regarding developments planned or proposed within the Metropolitan Planning Area (MPA);
4. Annually review and comprehensively update the Long-Range Transportation Plan (LRTP) at least every five (5) years to ensure it contains the priorities, goals and objectives of DUATS and to review and update as necessary the LRTP during each of the intervening years;

5. Prepare an annual UWP, setting forth the transportation and related activities and programming to be accomplished each year;
6. Annually update the TIP which shows the four (4) year plan for transportation improvements within the MPA;
7. To foster and encourage greater awareness of DUATS and its role in promoting and meeting the transportation needs as set forth in the Vision Statement;
8. Be involved in Human Services Transportation Planning (HSTP) activities on the regional, urban and rural level;
9. Handle the various administrative, financial and communicative tasks associated with transportation programming and planning;
10. Maintain databases such as traffic counts, crash data, pavement condition, which support and assist in planning for the maintenance and enhancement of the transportation network;
11. Include the elements of safety, security, operations and, environmental sensitivity in the planning process and;
12. Constantly seek public opinion and engage their involvement throughout the planning process.

THE TRANSPORTATION IMPROVEMENT PROGRAMMING PROCESS

All transportation projects which will be paid in part using Federal funds are required to be included in the local Transportation Improvement Program (TIP). These projects involve streets, roads, bridges, public transit, bike/pedestrian trails and other transportation related activities. The TIP is developed jointly, cooperatively and collaboratively by the member agencies of DUATS. Projects included in the TIP are drawn from the 2040 LRTP.

Projects are proposed and prioritized by staff in cooperation with DUATS' member entities and its planning partners and stakeholders. Federally funded projects included in the TIP are decided on the total scoring basis using the adopted "Selection Criteria" form. Projects not utilizing Federal funds are typically selected based on funding and through an overall focus on the following three criteria.

1. Consistency with the goals and objectives of the Long-Range Transportation Plan,
2. Financial constraint, and
3. Project specific eligibility and justification.

The prioritized list is presented to the DUATS Technical Committee for its recommendation as to which project(s) should be included. After the required minimum thirty (30) day public comment period the final draft of the TIP is submitted to the DUATS Policy Committee. The Policy Committee may adopt the TIP as recommended or may amend the final version. The Policy Committee adopted the current TIP on August 20, 2019. It covers the four (4) year period beginning July 1, 2020 through June 30, 2023.

Each project in the TIP includes a schedule and estimated cost for the project. Since schedules often change because of such variables as weather, availability of material and/or equipment, adequate personnel, or lack of necessary funding, the TIP may not be as current as was intended. To help ensure the public awareness and provide an understanding of how, where and on what transportation projects Federal funds are being spent, Congress included the following statement in the most recent Federal transportation bill, SAFETEA-LU, which requires that:

“an Annual Listing of projects, including investments in pedestrian walkways and bicycle transportation facilities, for which Federal funds have been obligated in the preceding year shall be published or otherwise made available by the cooperative effort of the State, transit operator, and metropolitan planning organization for public review. The listing shall be consistent with the funding categories identified in each metropolitan transportation improvement program (TIP).”

FEDERALLY OBLIGATED PROJECTS

The terminology “Federally Obligated Projects” means that the Federal government has specifically authorized funds to be spent in a year for the construction and completion of a project or projects. Most of these transportation projects have a specific amount obligated to it. These funds must be obligated, and any required State, County or municipal matches must be in place before work can begin on any phase of a project. Only after the funds have been obligated, or set aside, can the work begin, and the bills paid. Expenses may include design engineering from a private consulting firm, payroll or material cost from the construction contractor or certain payroll costs for Illinois Department of Transportation employees who are overseeing work on the project.

Obligation of Federal funds does not always mean that work on a project is eminent. On some projects, construction accounts are set up to pay the initial or project “start-up” costs. Especially in the initial stages of large projects, “project accounts” are created to allow for work to be done on the project’s design and its’ engineering. This early work may take place long before construction begins. In some case, such as the purchase of transit buses, the order is placed long before the new buses are delivered to DPTS. In any case, for the project to move forward, first it must be included in the TIP.

THE PLANNING PROCESS

Regardless of the size of a transportation project, it all starts with an idea. The idea may be to widen a street or replace a bridge. It might involve building a new street to a new

development. When planning for such projects, DUATS focuses on the following six (6) criteria and prioritizes its transportation projects accordingly:

- 1) Safety – how DUATS will increase the level of safety to the travelling public, improve the movement of goods and services and reduce congestion.
- 2) Security – how DUATS will meet the challenges of increasing the efficiency of the transportation system, dealing with the hazards of materials movement and issues revolving around homeland security.
- 3) Maintenance & Operations – requires DUATS to look at the cost constraints and project potentials while maintaining and operating the transportation network.
- 4) Environmental Mitigation – mandates that DUATS look at environmental and natural resources and consider all the potential impacts at the outset of the planning process. It is required to continually assess those impacts throughout the planning process.
- 5) Human Services Transportation Plan – DUATS must work to increase the efficiency of the public transportation system through the improvement, availability and affordability of moving variously challenged individuals from typically rural to urban areas, many times after hours and on weekends and usually outside the coverage area of the Decatur Public Transit System.
- 6) Public Participation – DUATS encourages all public comment from all sources and is required and intends to increase public access and involvement in our transportation planning process.

PROJECT FUNDING

Before a project becomes reality, adequate funding is necessary. All transportation projects are required to be “fiscally constrained.” This term means that before a project can be programmed, all of the funding sources and amounts must be reasonably assured. Typically, funding for transportation improvements come from numerous sources. Funding originates from numerous Federal, State or local programs. Some sources are restricted and can only be used for certain transportation projects, while other sources are more general and may be used for many different types of projects. Examples of funding sources that are rather restricted include the Highway Safety Improvement Program, Highway Bridge Program, Rail Highway Protective Devices Fund, Safe Routes to School and National Recreational Trails. Sources that are more general include Surface Transportation Programs and National Highway System.

Funds from Federal and most State sources typically require that the sponsoring agency supply a locally derived match amount. The amounts of the local matching funds are typically based on a percentage of the construction cost. The total from the various sources must, at a minimum, equal the estimated construction cost of the project.

PROJECTS BECOME REALITIES

After the idea(s) have been discussed, criteria addressed, priorities set, and funding programmed, the process toward construction begins. The construction or improvement process involves numerous steps and takes varying lengths of time to complete. The typical phases of a construction project are summarized below. Remember, DPTS projects are not necessarily construction projects. They many times involve the purchase of equipment, which would not follow the process that is outlined below.

- 1) Public Involvement & Awareness – This phase involves the concept and practice known as Context Sensitive Solutions (CSS). Typically, meetings are held with project developers and designers, local government representatives, nearby owners, various stakeholders and other interested parties. Decisions are made about the specific elements that will be included in the project and the range of design alternatives that will be investigated.
- 2) Preliminary Design - This phase includes basic engineering work on each alternative, traffic studies, environmental analyses, and other work specific to the project. The public is continually kept informed and involved through focused outreach and is used to gain community input into the projects' design. This phase ends with the selection and approval of a project alternative.
- 3) Final Design - In this phase, the actual plans and specifications that the construction contractor will work from are created.
- 4) Right of Way Preparation - Preparation work, including general layout, surveying and property appraisals are done prior to acquisition of the right-of-way.
- 5) Right of Way Acquisition - In this phase, right-of-way that is necessary for the completion of the project is acquired either through purchase or easements.
- 6) Construction - This phase is the most visible and encompasses the work to physically build the project, whether done by a contractor or an agency's own staff.
- 7) Construction Inspections – Normally, the jurisdiction who has responsibility for the project inspects the progress from time to time to make sure that the work is being done properly and conforms to specifications.
- 8) Certification and Acceptance – After the project has passed all inspections and is finished, the local jurisdiction will accept responsibility and maintenance.
- 9) Miscellaneous – There are projects with Federal obligations that do not involve any construction. Examples would include certain public transit projects that involve the actual operation of transit service, and the resultant costs that are incurred, or the purchase and acquisition of equipment or facilities.

THE LIST OF PROJECTS

The following pages contain information on transportation and related projects which received Federal fund(s) or obligations during the reporting period. Pages 9, 10 and 11 are the

project lists which give a brief description, its Federal and State ID number, total anticipated cost and the total amount being provided by the Federal Government by funding type and code. Pages 12 through 25 are maps of the project locations along with a few photos of the projects.

All these projects are active and either have been completed or are in various stages of construction.

Page..... 9	Table of State of Illinois Projects Supported by Federal Funds
Page..... 10	Table of County and City Projects Supported by Federal Funds
Page..... 11	Table of MCCD Projects Supported by Federal Funds

The Federally obligated projects located within the Decatur Metropolitan Planning Area in Federal Fiscal Year 2019 are:

Page..... 12	Bridge painting of two structures over I-72, SW of Niantic and west of Forsyth. This project is complete.
Page..... 13	Joint repair on IL-48 from County Line Road to I-72 in Macon County. This project is 99.9% complete.
Page..... 14	Culvert replacement on Old US 36 over stream, 0.1-mile West of US 36 in Harristown. This project received final inspection on 8/1/2019 and is complete.
Page..... 15	Intersection reconstruction on US 51 at St. Andrews Road 0.2 miles East of Macon. This project is 99.9% complete.
Page..... 16	Replace the structure carrying CH 18 (School Road) over a ditch/tributary to Friends Creek. Located 4.4 miles northeast of Argenta. This project is under contract and is 0% completed.
Page.....17	Replace the bridge carrying FAU 7413 (CH 57) over a tributary to Big Creek and the reconstruction of the approach pavement. Project is located 2.0 miles SE of Long Creek. This project is under construction and is about 10% complete.
Page.....18	Rehabilitate two structures (058-3035) and (058-3036) that carry FAU 7359 (Mound Road) over Spring Creek. Located in the City of Decatur. Replace the superstructures, rehabilitate the abutments, railing and reconstruct the approach pavement. This project is in final restoration and is 99% complete.
Page.....19	City of Decatur Mound Road Maps
Page.....22	Repair three (3) bridges spanning the Sangamon River and Stevens Creek. Project proposes to replace deteriorated wood and fencing, re-shape the ridge embankments, and replace the riprap. This project is about 80% complete.
Page.....23	Macon County Conservation District Bridge and Deck Maps
Page.....25	DUATS – Federally Obligated Projects - 2019

TABLE 1 STATE OF ILLINOIS PROJECTS

DUATS - FEDERALLY OBLIGATED PROJECT LIST									FY 2019		
Federal Project No.	State Job No.	Description	Authorized Date	Program Code Description	Federal Funds	Total Federal Obligation	Advance Construction	State Funds	Local Funds	Total Cost	STIP/TIP Reference
STATE PROJECTS											
YICH930	C-97-114-18	Bridge painting of two structures over I-72, SW of Niantic and W. of Forsyth	8/28/2018	National Highway Perf FAST	\$274,356.00	\$272,092.00	\$0.00	\$30,232.00	\$0.00	\$302,324.00	0015157005
RC7A030	C-97-100-18	Joint repair on IL 48 from County Line Road to IL-72 in Macon County	1/7/2019	Surface Transp Block GRTS-FLEX	\$123,845.72	\$136,230.00	\$0.00	\$34,057.00	\$0.00	\$170,287.00	7510450000
HBDZ807	C-97-073-18	Culvert replacement on Old US 36 over stream, 0.1 mile W of US 36 in Harristown	11/6/2018	STBG 5-200K POP FASTG	\$407,517.42	\$448,269.00	\$0.00	\$112,067.00	\$0.00	\$560,336.00	7510490000
06G0764	C-97-035-18	Intersection reconstruction on US 51 at St. Andrews Rd 0.2 mile E of Macon	1/17/2019	Highway Safety Imp Prog FAST	\$1,737,611.00	\$1,911,373.00	\$0.00	\$212,375.00	\$0.00	\$2,123,748.00	S/2019

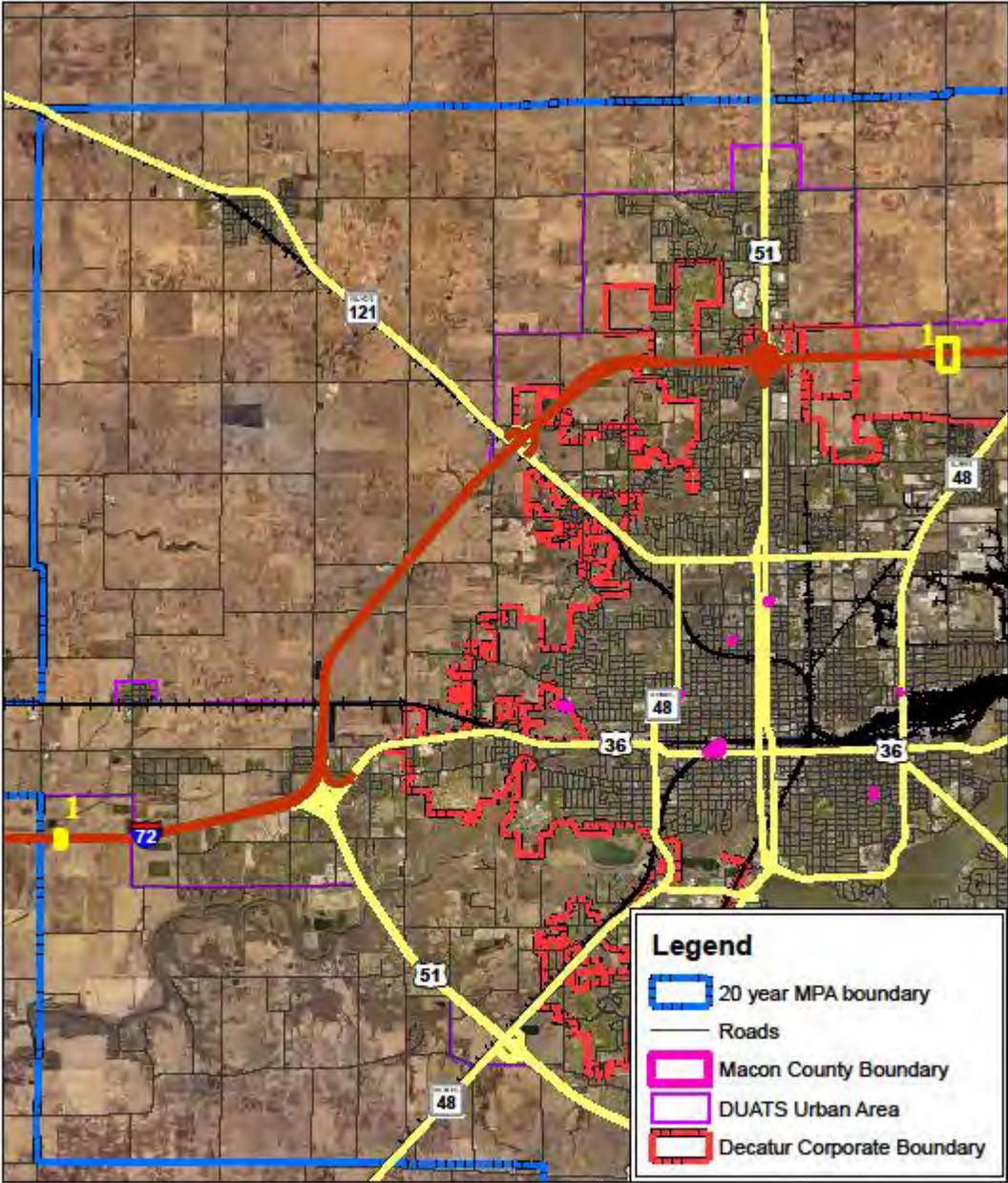
TABLE 2 MACON COUNTY AND CITY OF DECATUR PROJECTS

DUATS - FEDERALLY OBLIGATED PROJECT LIST									FY 2019		
Federal Project No.	State Job No.	Description	Authorized Date	Program Code Description	Federal Funds FY 2020-2023 TIP FY 2019-2022 TIP	Total Federal Obligation	Advance Construction	State Funds	Local Funds	Total Cost	STIP/TIP Reference
COUNTY PROJECTS											
FGMV182	C-97-060-18	Replace the structure carrying CH 18 (School Road) over a ditch/tributary to Friends Creek, located 4.4 miles northeast of Argenta	4/29/2019	STBG FAST OFF-SYSTEM BRIDGE	Not shown in TIP	\$0.00	\$240,000.00	\$0.00	\$60,000.00	\$300,000.00	B/2019
8MJT436	C-97-001-17	Replace the bridge carrying FAU 7413 (CH 57) over a tributary to Big Creek and the reconstruction of the approach pavement. Project is located 2.0 miles SE Long Creek.	3/15/2019	STBG<5K POP FAST	\$2,160,000.00	\$0.00	\$2,160,000.00	\$0.00	\$540,000.00	\$2,700,000.00	MC 19-03
CITY PROJECTS											
EBDH794	C-97-059-18	Rehabilitate two structures (058-3035) and (058-3036) that carry FAU 7359 (Mound Road) over Spring Creek, located in the City of Decatur. Replace the superstructures, Rehabilitate the abutments, railing and reconstruct the approach pavement.	11/20/2018	STBG 5-200K POP FASTG	\$1,900,000.00	\$1,900,000.00	\$0.00	\$0.00	\$475,000.00	\$2,375,000.00	DEC 19-03
6WGY165	D-97-009-19	Design engineering for Brush College Road over Faries Parkway and Norfolk Southern Railroad.	3/5/2019	NATIONAL HWY FREIGHT PROGRAM	\$3,600,000.00	\$0.00	\$2,400,000.00	\$0.00	\$600,000.00	\$3,000,000.00	DEC 19-09

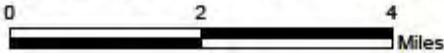
TABLE 3 MACON COUNTY CONSERVATION DISTRICT PROJECTS

DUATS - FEDERALLY OBLIGATED PROJECT LIST									FY 2019		
Federal Project No.	State Job No.	Description	Authorized Date	Program Code Description	Federal Funds FY 2020-2023 TIP	Total Federal Obligation	Advance Construction	State Funds	Local Funds	Total Cost	STIP/TIP Reference
MACON COUNTY CONSERVATION DISTRICT											
RTP8143	RTP 18-143	Repair 3 bridges spanning the Sangamon River and Stevens Creek. Project proposes to replace deteriorated wood and fencing, re-shape the ridge embankments, and replace the riprap.	9/18/2018	RECREATIONAL TRAILS	No Federal Funds shown in TIP for the past 3 years	\$75,176.00	\$0.00	\$0.00	\$18,794.00	\$93,970.00	MCCD-01
RTP8143	RTP 18-143	Repair 3 bridges spanning the Sangamon River and Stevens Creek. Project proposes to replace deteriorated wood and fencing, re-shape the ridge embankments, and replace the riprap.	9/18/2018	RECREATIONAL TRAILS S-LU EXT	No Federal Funds shown in TIP for the past 3 years	\$61,639.16	\$0.00	\$0.00	\$15,333.00	\$76,972.16	MCCD-01
RTP8143	RTP 18-143	Repair 3 bridges spanning the Sangamon River and Stevens Creek. Project proposes to replace deteriorated wood and fencing, re-shape the ridge embankments, and replace the riprap.	9/18/2018	RECREATIONAL TRAILS MAP-21	No Federal Funds shown in TIP for the past 3 years	\$37,600.00	\$0.00	\$0.00	\$9,400.00	\$47,000.00	MCCD-01
RTP8143	RTP 18-143	Repair 3 bridges spanning the Sangamon River and Stevens Creek. Project proposes to replace deteriorated wood and fencing, re-shape the ridge embankments, and replace the riprap.	9/18/2018	RECREATIONAL TRAILS MAP-21 EXT	No Federal Funds shown in TIP for the past 3 years	\$6,384.84	\$0.00	\$0.00	\$1,673.00	\$8,057.84	MCCD-01

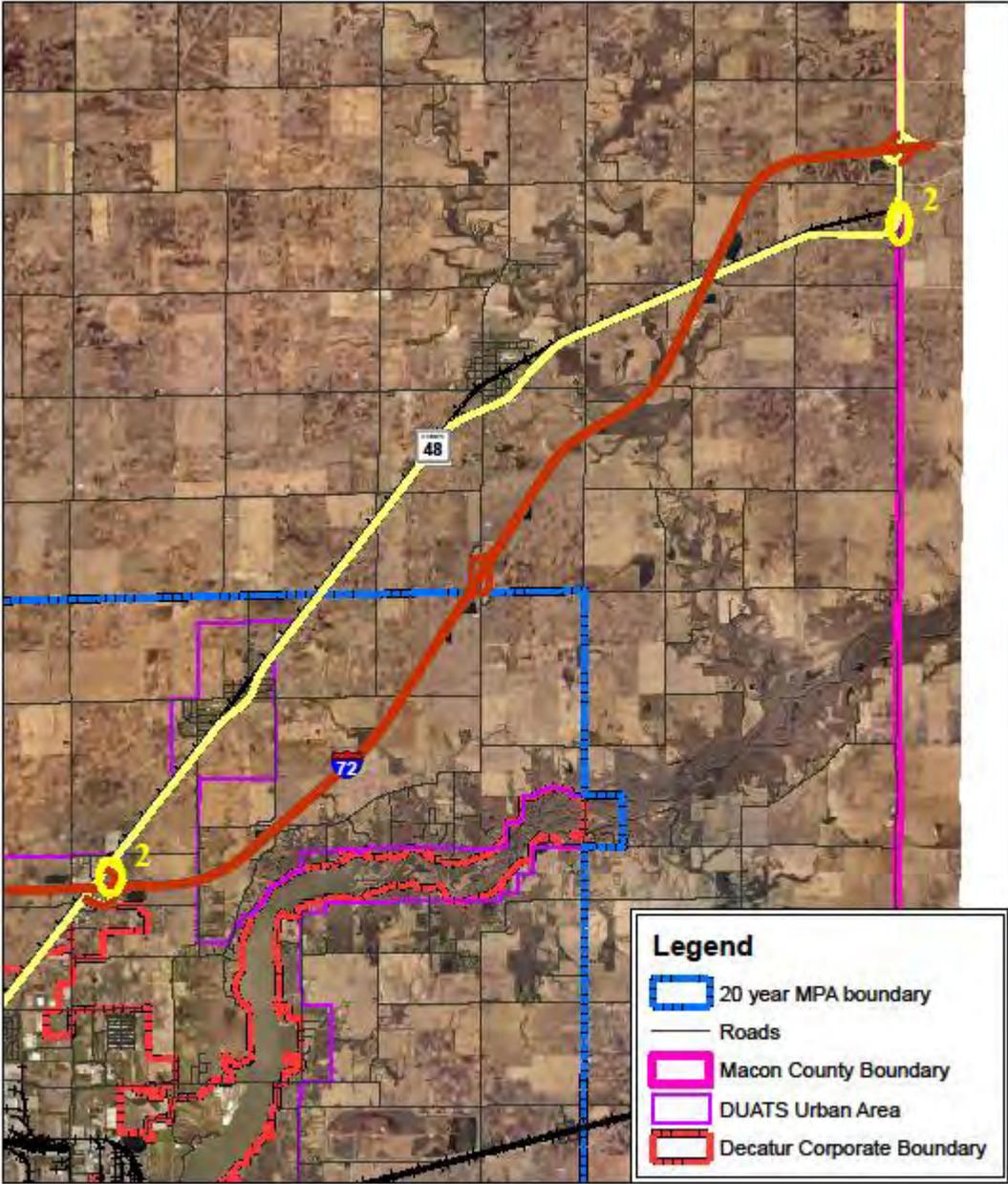
State of Illinois Project - 1



Bridge painting of two structures over I-72, SW of Niantic and West of Forsyth,



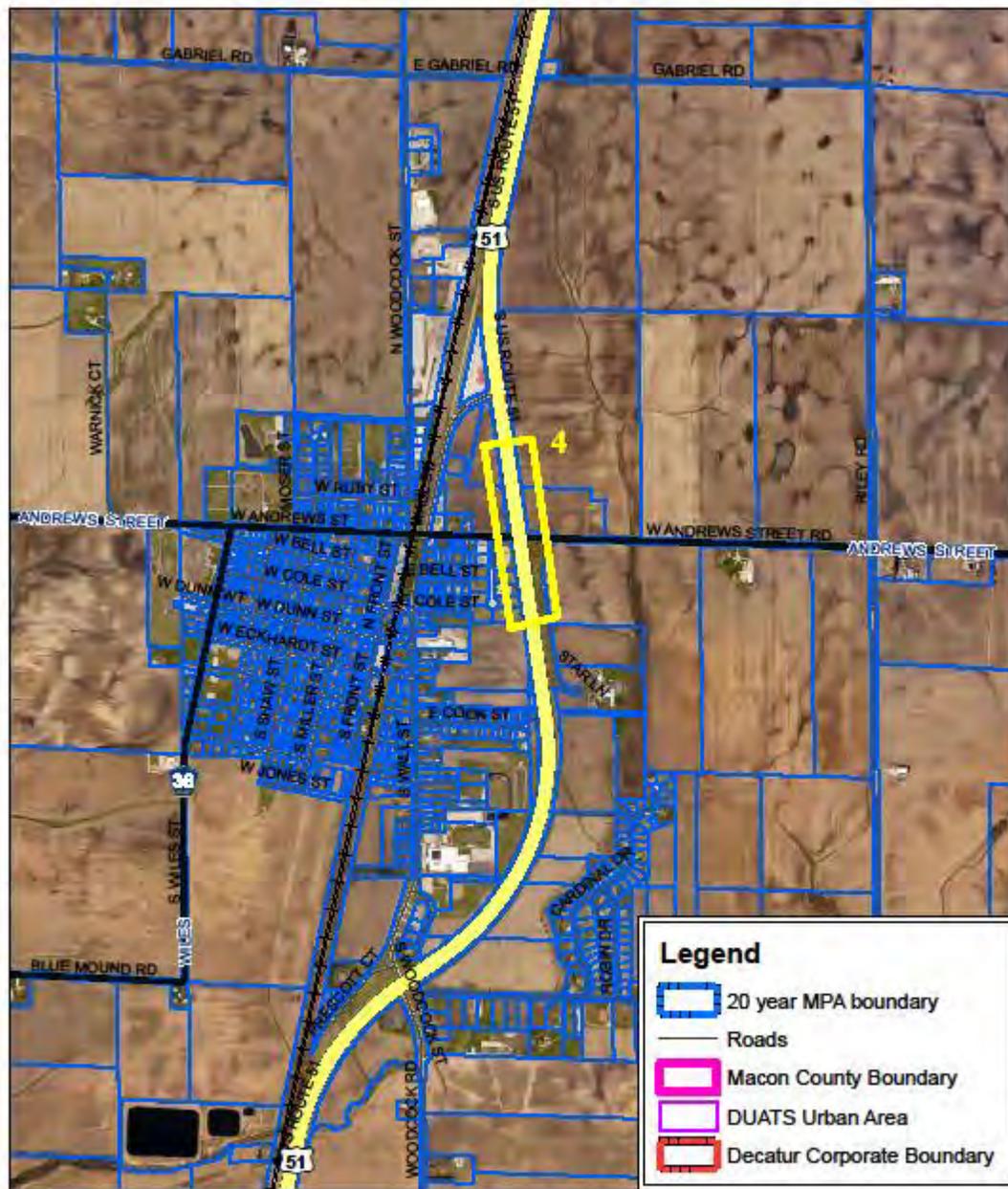
State of Illinois Project - 2



Joint repair on IL 48 from County Line Road to I-72 in Macon County.

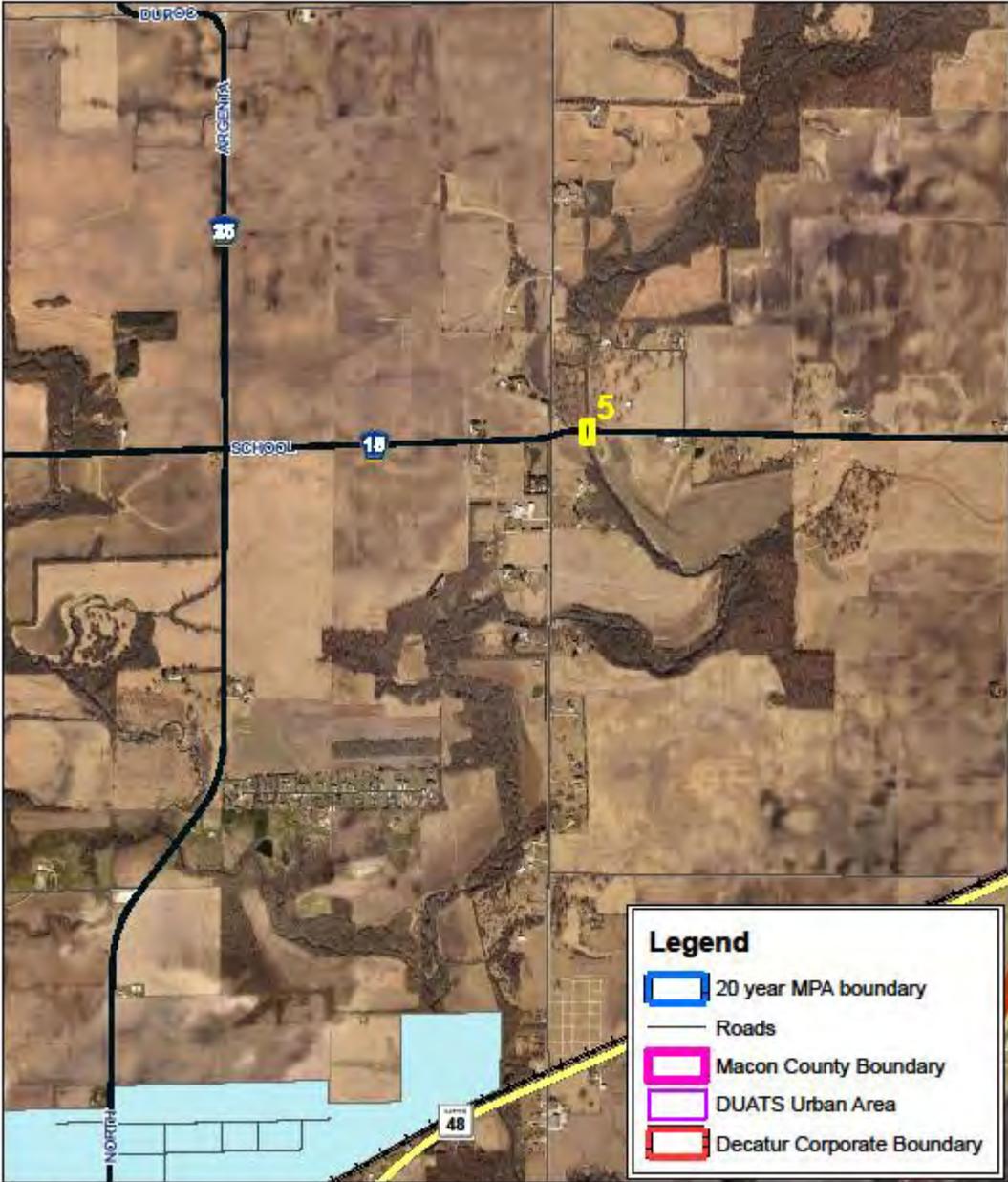


State of Illinois Project - 4

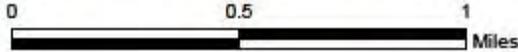


Intersection reconstruction on US 51 at St. Andrews Street 0.2 miles East of Macon.

Macon County Project - 1



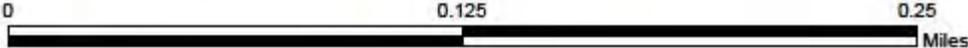
Replace the structure carrying CH 18 (School Road) over a ditch/Tributary to Friends Creek, located 4.4 miles northeast of Argenta.



Macon County Project - 2



Replace the bridge carrying FAU 7413 (CH 57) over a tributary to Big Creek and the reconstruction of the approach pavement. Project is located 2.0 miles SE Long Creek.



City of Decatur Mound Road Bridge – 1



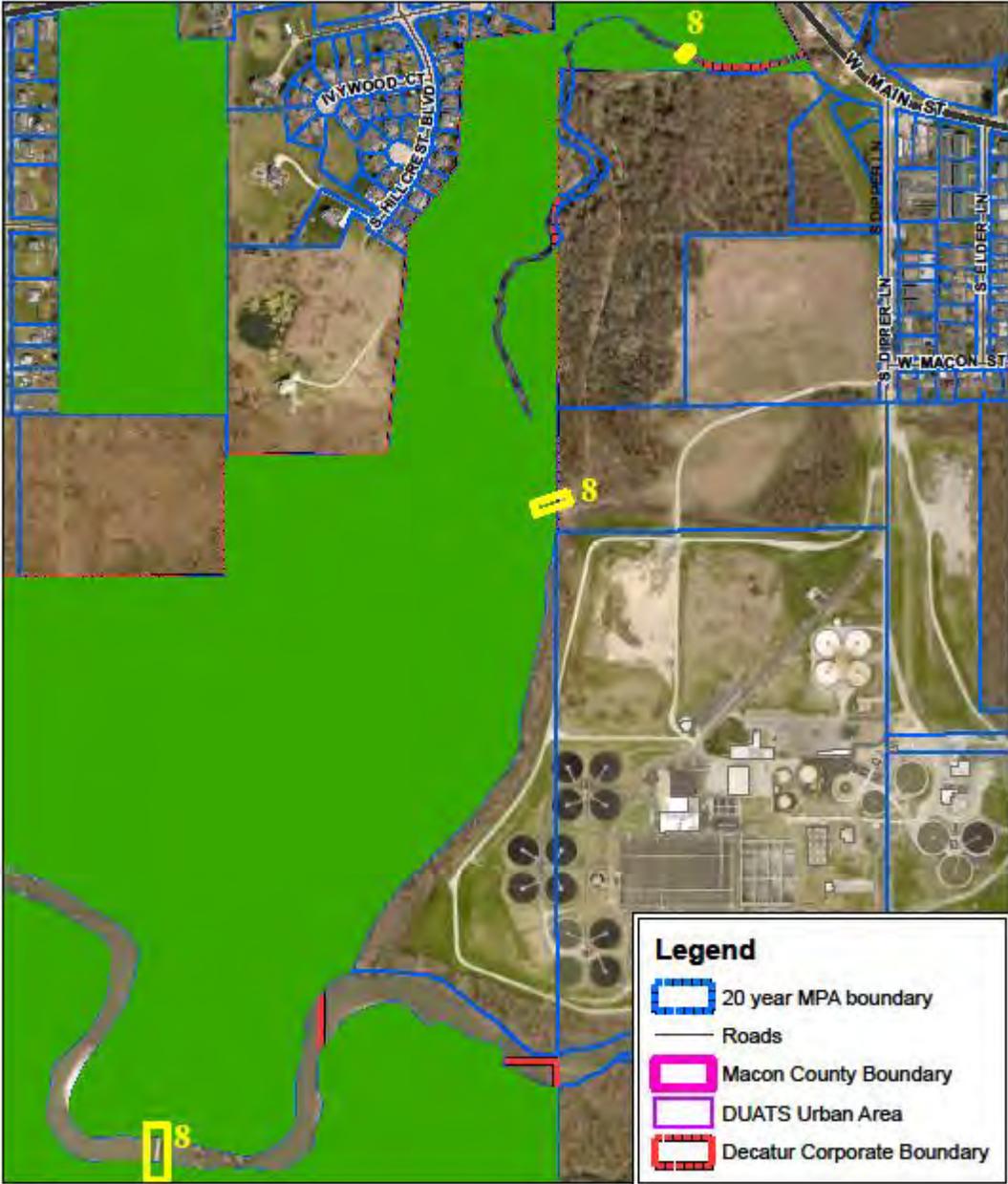
City of Decatur Mound Road Bridge - 2



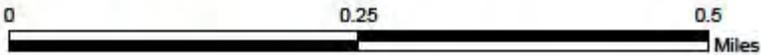
City of Decatur Mound Road Bridge - 3



Macon County Conservation District Project - 1



Repair three (3) bridges spanning the Sangamon River and Stevens Creek. Project proposes to replace deteriorated wood and fencing, re-shape the ridge embankments, and replace the riprap.



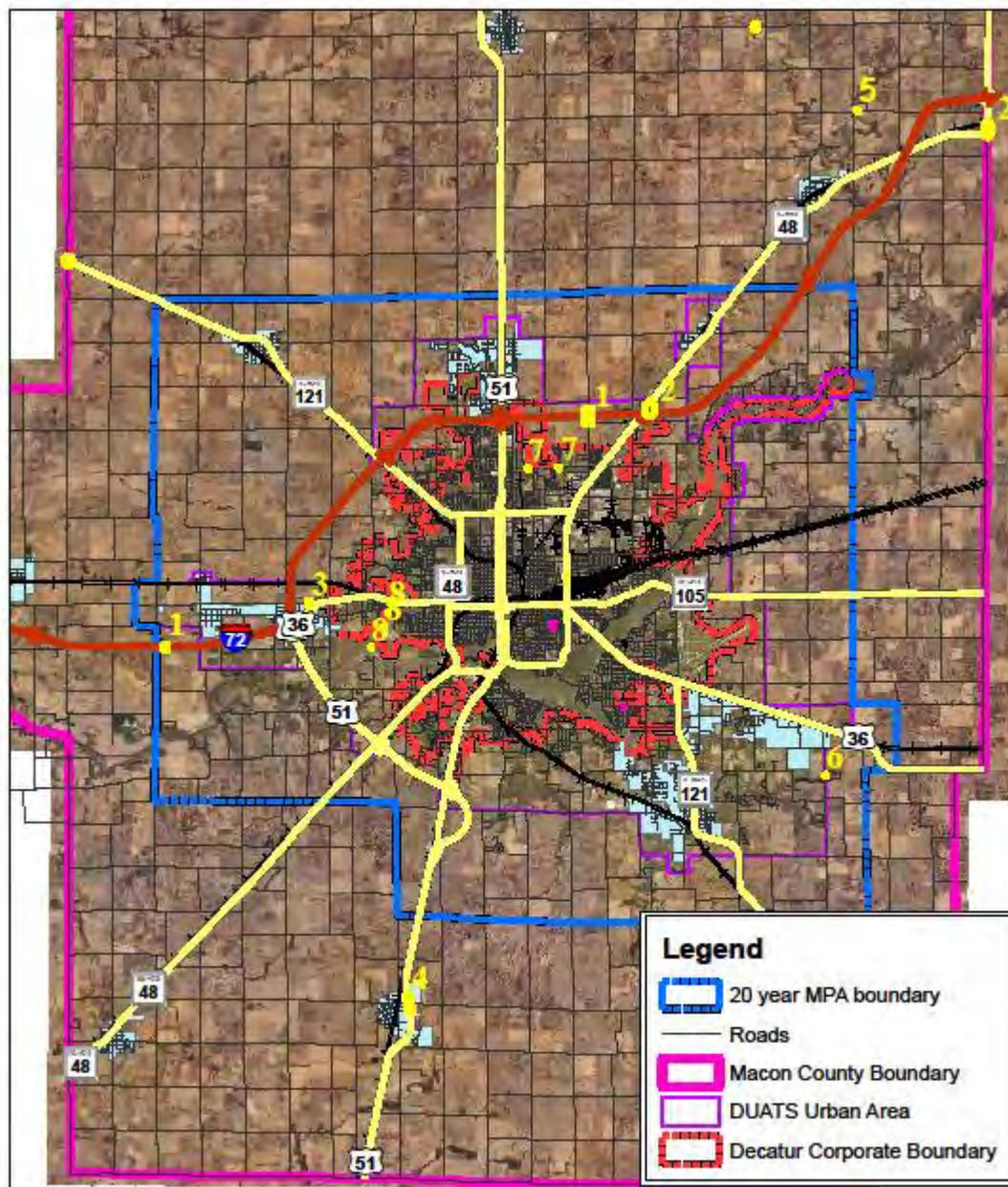
Macon County Conservation District Bridge



Macon County Conservation District Deck



DUATS 2019 FEDERALLY OBLIGATED PROJECTS



State of Illinois Projects 1-4
Macon County Projects 5-6
City of Decatur Project 7
Macon County Conservation District Project 8

