



INDEPENDENCE
★ MISSOURI ★

A GREAT AMERICAN STORY

**STREET IMPROVEMENT
OVERSIGHT
COMMITTEE REPORT**

REPORT ELEMENTS

- Oversight Committee
- Purpose of Committee
- Project Status & Overview

OVERSIGHT COMMITTEE MEMBERS

- Edward Nesbitt
- Daniel Martin
- Wes Epperson
- Joshua Mayfield
- Gloria Smith
- Fran Wagner
- Tim Watkins

PURPOSE OF OVERSIGHT COMMITTEE

- Monitor Implementation of Plan
- Monitor Progress
- Report to Council

PROGRAM OVERVIEW

- 12- year program started in 2009
- Voters approved renewal of street sales tax in 2017
- Council approved debt financing for the deferred maintenance program in December of 2019.

PROJECTED REVENUE

FY 2019-20

Sales Tax Revenue	\$8,451,115
Interest Income	\$6,800
Intergovernmental	\$6,203,000
Debt Proceed (FY 20 only)	\$17,940,000
Operating Transfers in	\$245,000
Total Current Year	\$32,845,915

ACTUAL REVENUE

FY 2019-20

Sales Tax Revenue	\$8,323,739
Interest Income	\$174,445
Intergovernmental	\$278,960
Other Miscellaneous	\$135,526
Debt Proceed (FY 20 only)	\$17,940,000
Operating Transfers in	\$283,042
Total Current Year	\$27,135,712

ALLOCATION OF FUNDING FY 2019-2020

Total Operating Expenditures	\$1,765,689
Capital Projects Expenditures	\$7,026,593
Total Expenditures	\$8,792,282

CAPITAL IMPROVEMENTS UPDATE

- Just over \$11.6 Million dedicated for Capital Improvement Projects currently underway.



PROJECTS UPDATE- CONSTRUCTION COMPLETE

SIDEWALKS TO SCHOOLS

- Contractor-Terry Snelling Construction Inc.
- 3-Trails Elementary:
 - along 32nd Street from Crysler to Sterling
- Korte Elementary:
 - along 25th Terrace from Hardy to Northern
- Start August 19, 2019
- Completed June 22, 2020

COMPLETED



TRANSIT STOP IMPROVEMENTS

- 19 Bus Stop
- Installed new concrete pad at locations
- Contractor – National Streetscape, Inc.
- Project began May 26, 2020
- Concrete work completed.
- Bus shelters to be installed by December 2020

COMPLETED



KENDALL DRIVE ACCESS MANAGEMENT

- Project removes portion of Kendall Drive between 5th Street and Downey Avenue.
- Aim is to enhance the safety of roadway operations and surrounding area.
- Project Acceptance in May 2020



2020 INTERSECTIONS IMPROVEMENTS

- River and Truman -2020 completed
- Truman and Noland – 2020 completed
- 23rd and Sterling completed October 12th
- 43rd and Crysler completed October 12th
- Repair as part of the Deferred Maintenance Program.

COMPLETED





PROJECTS UPDATES- UNDER CONSTRUCTION

2020 ASPHALT STREET OVERLAY

- 16.3 Miles (47 lane miles)
- Various Locations City-Wide
- Contractor – Superior Bowen Asphalt Company
- Project began July 22, 2020
- Completion anticipated December 14th 2020



PREVENTATIVE MAINTENANCE

- First year of programming
- Funded by current budget streets sales tax
- Crack sealing- working with streets maintenance to preform all crackfilling.
- Pavement repairs to be completed with Streets Maintenance Crews as well as contractors
- Activities to be advertised for bid:
 - Pavement Repair
 - Crack Filling
 - Micro surfacing
 - Scrub Seal
 - Cape Seal
- Construction- Spring through Fall 2021

COLLEGE STREET PHASE I

- Consulting engineering: Design Consultant- BHC Rhodes
- Project began October 2018
- Project completion: Design Complete- August 2019;
Construction Complete- Lakeview Ave. To Frederick St.,
December 2020.
- Pavement reconstruction, new curb and gutter, and ADA
compliant sidewalk. Storm sewer improvements
- Pavement marking and signage for shared use lanes, for
bicycle users, storm sewer improvements.
- Relocation of overhead utilities to be underground to
remove poles from proximity of traffic corridor.





NEXT YEAR CONSTRUCTION

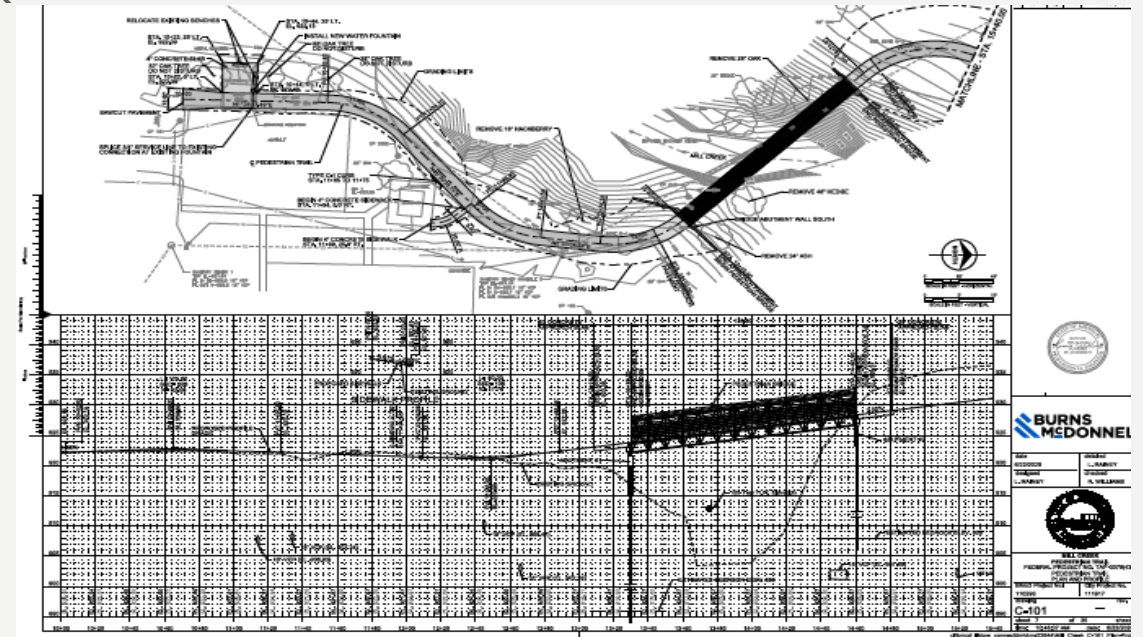
40 HWY COMPLETE STREETS

- Consulting engineering: Design Consultant- Affinis Corp.
- Design Complete- October 2020; Construction Complete – Fall 2021
- Project Length: 1.51 miles
- Complete Street upgrades on North Side from Blue Ridge Cutoff to Sterling Ave.
- New curb and gutter, storm drainage improvements, ADA compliant sidewalk and pedestrian signals.
- Shoulder resurfacing, pavement marking and signage for dedicated on-street bicycle lane.
- Grants funding – Surface Transportation Program (STP)
- Estimated construction costs: \$2,474,808.00
- STP funds: \$2,000,000.00 (up to 80% of construction costs covered by STP grants)



MILL CREEK TRAIL EXTENTION

- Design Completed, anticipated letting October 2020
- Start Date: Construction- Winter 2020
- Project Completion Date: Summer 2020
- Project length: 0.2 miles trail from Jones Rd to Mill Creek Park
- Extend a shared bicycle/pedestrian trail along Mill Creek
- Install new 130' pedestrian bridge
- Federal Funded- Transportation Alternative Program (TAP)
- Estimated cost: \$ 351,471.60 construction
- TAP funds: \$203,000 (up to 80% of construction costs covered by TAP grants)



TRUMAN DEPOT AND PACIFIC TRAIL IMPROVEMENT

- Consulting engineering: Design Consultant – SFS Architecture.
- Project Began: Winter 2021
- Project Completion: Design Complete- October 2020; Construction Complete- Summer 2021
- Project length: Pacific Ave Trail= 0.5 miles
- Restoration improvement for the Historic Amtrak Station.
- Trail provides complete street upgrades on the North side of W. Pacific Ave to S. Pleasant Street.
- New curb and ADA compliant sidewalk
- Pavement marking and signage for shared use lanes, for bicycle users.
- Estimated cost: \$410,716.91 (Base Bid). Option not included as part of Base Bid = \$9,983.00 (Bid Option 1) and \$37,298.14 (Bid Option 2).
- TAP funds: \$350,000 (up to 80% of construction costs covered by TAP grants)



DEFERRED MAINTENANCE CAPITAL IMPROVEMENT PROJECTS

- Scott Avenue Bridge
- Curb and Gutter maintenance program- First Year; anticipated construction summer 2021
- Sidewalk installation program- First Year; anticipated construction summer 2021
- 2020 Bridge Assessment
- Streets Maintenance Equipment
- Bridge Repair & Maintenance Program
- 24 Highway cost share
- Square Streetscapes

DEFERRED MAINTENANCE SCOTT AVENUE BRIDGE 24TH STREET TO 25TH STREET

- Consulting engineering: Design Consultant- Olsson
- Project began; September 2018
- Project completion; Design Completed- July 2019 Construction Complete- Summer 2021
- Moved to Deferred Maintenance program Summer 2020.



DEFERRED MAINTENANCE 2020 BRIDGE ASSESSMENT

COMPLETED

- Consulting Engineering Company: Design Consultant- Alfred Benesch & Company.
- Start Date: February 2020
- Assessment complete working to incorporate data into CityWorks.
- Findings from the assessment will aid developing the Bridge maintenance program from the Deferred Maintenance program
- For strategic management of City-Wide bridges, to determine the need and timing of preventative or remedial actions required to maintain a desired level of service for City-wide Bridge assets.

The screenshot displays the benesch software interface for bridge assessment. The left pane shows a table of existing conditions and load carrying capacity. The right pane shows a summary sheet with various charts and graphs.

EXISTING CONDITIONS	STIP PULLDOWN	40%	Br. %
NBI 58	DECK	25%	10.0
NBI 59	SUPERSTR	35%	14.0
NBI 60	SUBSTR	30%	12.0
NBI 61	CHANNEL	5%	2.0
NBI 62	CULVERT	50%	2.0
NBI 113	SCOUR CRITICAL	5%	2.0
EXISTING CONDITIONS TOTAL		100%	100%

LOAD CARRYING CAPACITY	STIP PULLDOWN	10%	%
NBI 31	DESIGN LOAD	0%	0.0
NBI 64	OPERATING RATING	40%	4.0
NBI 66	INVENTORY RATING	30%	3.0
NBI 70	BRIDGE POSTING	30%	3.0
LOAD CARRYING CAPACITY TOTAL		100%	10

The right pane shows a summary sheet with various charts and graphs, including a bridge image and a table of summary data.

Summary Sheets	Yearly Overviews	Condition Graphs	Cost Graphs
Hydro & Latex	Mill & Latex	EPO-MMA	Redeck
Replacement	Super Replacement	Sub Rehab	Culvert Replacement

Buttons: SAVE, EXIT



FUTURE PROJECTS

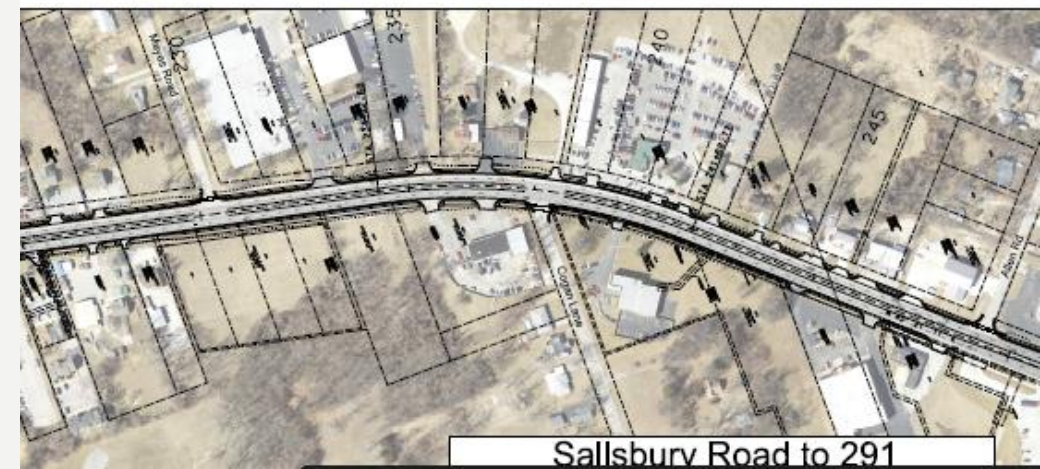
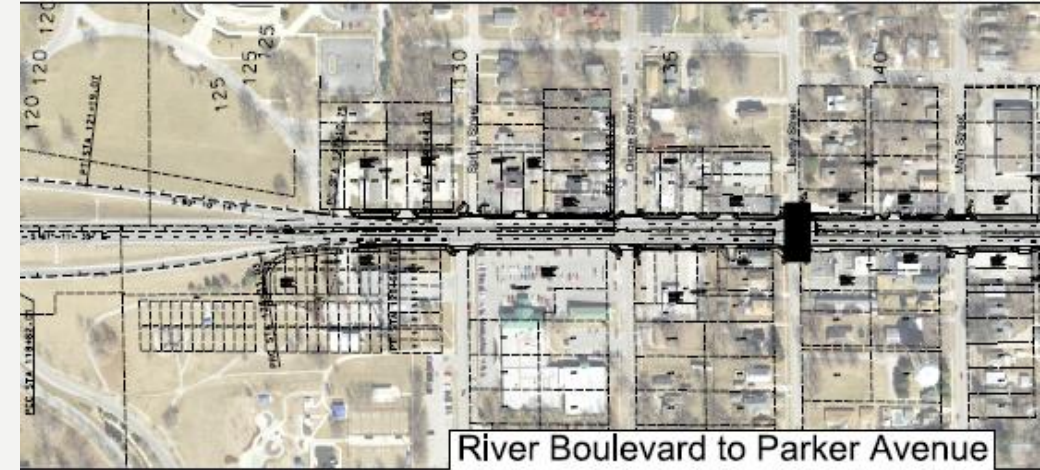
FUTURE HARDY AVENUE SIDEWALKS PHASE I

- In-house Design currently gathering field data.
- Start Date: Construction- Fall 2021
- Project Completion Date: Summer 2022
- Project length: 0.5 miles
- Install sidewalk along Hardy Avenue on one side and Storm Sewer improvements from 35th Street to Cassell Park Elementary school at 31st Street.



FUTURE 24 HWY COMPLETE STREETS PHASE I

- Right of Way/Acquisitions plans design phase
- Burns & McDonnell – Design Consultant
- Start Date: Construction- Spring 2022 Administered by MoDOT
- Project Completion Date: Summer 2023
- MoDOT cost share project.
- Project length: 3 miles from 291 to River Blvd.
- Improve from 4 lane to 5 lane section with curb & gutter.
- 10-foot multi-use path south side and 5-foot sidewalk north side.
- Storm sewers and traffic signal improvements.
- Estimated cost: \$10,582,354.15
- STP funds: \$3,500,000.00 (up to 80% of construction costs covered by STP grants)



FUTURE TRUMAN CONNECTED PHASE I

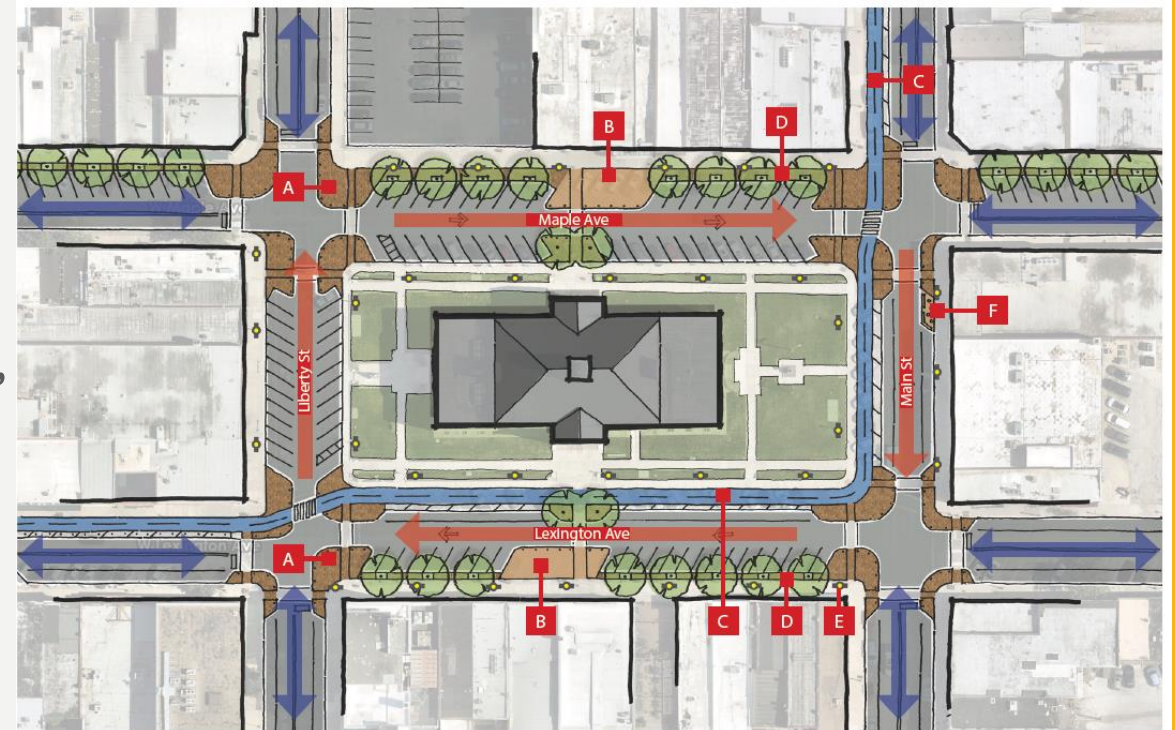
- Consulting Engineering: Advertise RFQ October 15, 2020
- Start date: Design – Winter 2020/21, Construction- Spring 2022
- Project Completion Date: Spring 2023
- Implementation of bicycle and pedestrian facilities and amenities
- Roadway modifications, utilities improvements, and traffic enhancement
- Estimated cost: \$3,950,000.00
- STP Funds \$2,700,000.00; TAP Funds \$500,000.00 (up to 80% of construction costs covered by STP and TAP grants)



Source: Truman Connected PSP

FUTURE SQUARE STREETSCAPE

- Consulting Engineering
- Start date: Design – Spring 2021, Construction- Spring 2022
- Project Completion Date: Spring 2023
- Implementation of bicycle and pedestrian facilities and amenities
- Roadway modifications, utilities improvements, and traffic enhancement



CONCEPT PLAN

A - Install decorative pavements and re-install bollards
B - Construct mid-block parklets and add planters & seating
C - Cycle track and buffer

D - Construct curbed amenity zones & install street trees
E - Install new light poles with pedestrian-lighting & signage
F - Parklet





QUESTIONS???



THANK YOU!