



# JEFFERSON COUNTY, MISSOURI PUBLIC WORKS DEPARTMENT

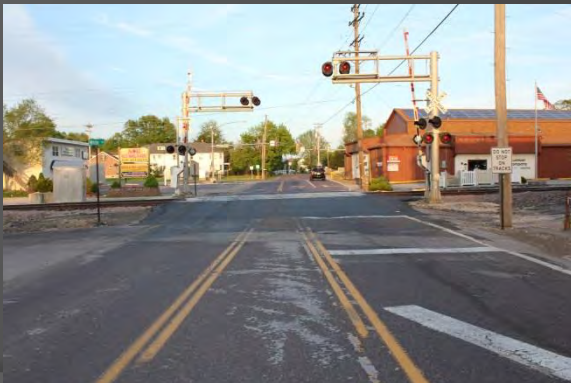


2019 Investment in Infrastructure Expo

February 26, 2019

Jason Jonas, P.E.

Public Works Director



# Jefferson County, Missouri

## Road and Bridge Sales Tax:

- **Jefferson County has a one-half cent sales tax that is dedicated to road and bridge capital improvement projects**
- **Tax has a 15-year sunset and has been in place since 1986, then renewed in 1998 and 2014, and is not set to potentially expire until at least September 2031**
- **Revenue is shared among incorporated and unincorporated areas of the County**
- **Tax collection was over \$12 million for 2018, and expected to grow slightly in 2019**
- **Projects undertaken with these funds include both local and federal construction**
- **This means Jefferson County and its Municipalities spend around \$15-20 million a year on major road and bridge improvement projects as a result of this tax source**
- **Jefferson County would not be able to perform these improvements without this tax source**

# 2019 Project Bid Lettings for Jefferson County Public Works:

<b>2019 JEFFERSON COUNTY CONSTRUCTION PROJECTS</b>	<b>FUNGIN D SOURCE (LOCAL OR FEDERAL)</b>	<b>ASPHALT OVERLAY AND PAVEMENT PRESERVATION</b>	<b>BRIDGE AND STRUCTURAL REPLACEMENT OR REPAIRS</b>	<b>ROADWAY AND OTHER PAVEMENT RECONSTRUCTION</b>	<b>TRAFFIC SIGNALS AND OPERATIONS</b>	<b>ESTIMATED BID OPENING</b>
<b>Unincorporated County</b>		<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>Mon/Year</b>
County Road Intersection Lighting Program	LOCAL				\$96,000	Winter 2019
Heads Creek Road Bridge Replacement	LOCAL		\$450,000			Winter 2019
Old State Route 21 at Lions Den Intersection Improvements	FEDERAL			\$450,000		Spring 2019
Hillsboro Valley Park PSP (UBAWS)	FEDERAL	\$400,000				Spring 2019
East Four Ridge PSP (Chip Seal)	FEDERAL	\$200,000				Spring 2019
Old Antonia PSP (UBAWS)	FEDERAL	\$250,000				Spring 2019
Ficken Road Culvert Replacement	LOCAL		\$300,000			Spring 2019
Old State Route 21 at Four Ridge Intersection Improvements	FEDERAL			\$2,200,000		Spring 2019
Subdivision Street Repairs/Recon/Overlays	LOCAL	\$500,000				Spring 2019
Fountain City Road Improvements	LOCAL			\$2,350,000		Spring 2019
Elm Drive PSP (UBAWS)	LOCAL	\$100,000				Summer 2019
Saline Road Asphalt Overlay	LOCAL	\$500,000				Summer 2019
Antire at Williams Creek Intersection Improvements	FEDERAL			\$400,000		Summer 2019
Local Hillsboro at Cedar Hill Intersection Improvements	FEDERAL			\$550,000		Summer 2019
County Road Intersection Lighting Program	LOCAL				\$175,000	Winter 2020
Charter Church Road Bridge Replacement	FEDERAL		\$1,000,000			Spring 2020
Doc Sargent Road Bridge Replacement	FEDERAL		\$700,000			Spring 2020
Whitehead Road Bridge Replacement	FEDERAL		\$600,000			Spring 2020
Old Lemay Ferry Road Phase 1 and 2 Improvements	FEDERAL			\$4,200,000		Spring 2020
Seckman Road Phase 1 and 2 Improvements	FEDERAL			\$2,035,000		Spring 2020
<b>UNINCORPORATED TOTALS =</b>		<b>\$1,950,000</b>	<b>\$3,050,000</b>	<b>\$12,185,000</b>	<b>\$271,000</b>	<b>\$17,456,000</b>

# 2019 Project Bid Lettings for Jefferson County Municipalities:

<b>2019 JEFFERSON COUNTY CONSTRUCTION PROJECTS</b>	<b>FUNGIN D SOURCE (LOCAL OR FEDERAL)</b>	<b>ASPHALT OVERLAY AND PAVEMENT PRESERVATION</b>	<b>BRIDGE AND STRUCTURAL REPLACEMENT OR REPAIRS</b>	<b>ROADWAY AND OTHER PAVEMENT RECONSTRUCTION</b>	<b>TRAFFIC SIGNALS AND OPERATIONS</b>	<b>ESTIMATED BID OPENING</b>
<b>Incorporated Municipalities</b>		<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>\$</b>	<b>Year</b>
Arnold - Contracted Street Repairs	LOCAL	\$800,000				2019
Byrnes Mill - Contracted Culvert Replacements	LOCAL		\$180,000			2019
Crystal City - Maple/Bailey Sidewalk/Lighting	FEDERAL			\$350,000		2019
Desoto - Contracted Street Repairs	LOCAL	\$150,000				2019
Desoto - Rock Road Improvements	FEDERAL			\$525,000		2019
Festus - Contracted Street Repairs	LOCAL	\$675,000				2019
Festus - Collins Road Improvements	LOCAL	\$505,000				2019
Festus - North Third Street Improvements	LOCAL	\$545,000				2019
Festus - North Fifth Street Improvements	LOCAL			\$575,000		2019
Festus SRD - Contracted Street Repairs	LOCAL	\$725,000				2019
Herculaneum - St. Joseph Improvements	FEDERAL			\$360,000		2019
Herculaneum - Contracted Street Repairs	LOCAL	\$60,000				2019
Pevely - Contracted Street Repairs	LOCAL	\$465,000				2019
Other - Smaller City Road Projects	LOCAL	\$215,000				2019
<b>INCORPORATED TOTALS =</b>		<b>\$4,140,000</b>	<b>\$180,000</b>	<b>\$1,810,000</b>	<b>\$0</b>	<b>\$6,130,000</b>
<b>JEFFERSON COUNTY TOTALS =</b>		<b>\$6,090,000</b>	<b>\$3,230,000</b>	<b>\$13,995,000</b>	<b>\$271,000</b>	<b>\$23,586,000</b>



# Old State Route 21 at Four Ridge:



- Repair concrete slabs and joints
- Reconstruct roadway shoulders
- Surface mill and overlay travel lanes
- Realign and reconstruct East/West Four Ridge intersection with Old State Route 21
- Approx. 45,000 cy project cut – material to be compacted on adjacent property
- MSE retaining wall
- Signage, striping, traffic control, etc.
- Engineer's Estimate = \$2,200,000

# Fountain City Road:



- Coldmill existing asphalt pavement (<3.5 inches)
- Full-depth reclamation or rubblization of exist conc slabs
- 5" asphalt on 4" Type 5 on reclaimed pavement base
- Type 1 or 5 shoulders with minor grading
- Signage, Striping, traffic control, etc.
- Length of Project = approx. 20,000 feet or 3.7 miles
- Engineer's Estimate = \$2,350,000



# Old State Route 21 at Lions Den:



- Repair concrete slabs and joints
- Reconstruct roadway shoulders
- Surface mill and overlay travel lanes
- Widen roadway for left and right turn lanes
- Guardrail, signage, traffic control, etc.
- Engineer's Estimate = \$450,000

# Antire at Williams Creek:

- Re-align and reconstruct intersection
- Add paved shoulders
- Guardrail, signage, traffic control, etc.
- Engineer's Estimate = \$400,000



# Charter Church Road Bridge:



- Replace existing deficient structure
- 180' three-span concrete I-girders
- Reconstruct 335' of roadway/shoulders
- Guardrail, signage, traffic control, etc.
- Engineer's Estimate = \$1,000,000

# Doc Sargent Road Bridge:

- Replace existing deficient structure
- 70' single-span concrete NU-girders
- Reconstruct 365' of roadway/shoulders
- Guardrail, signage, traffic control, etc.
- Engineer's Estimate = \$700,000





# Whitehead Road Bridge:



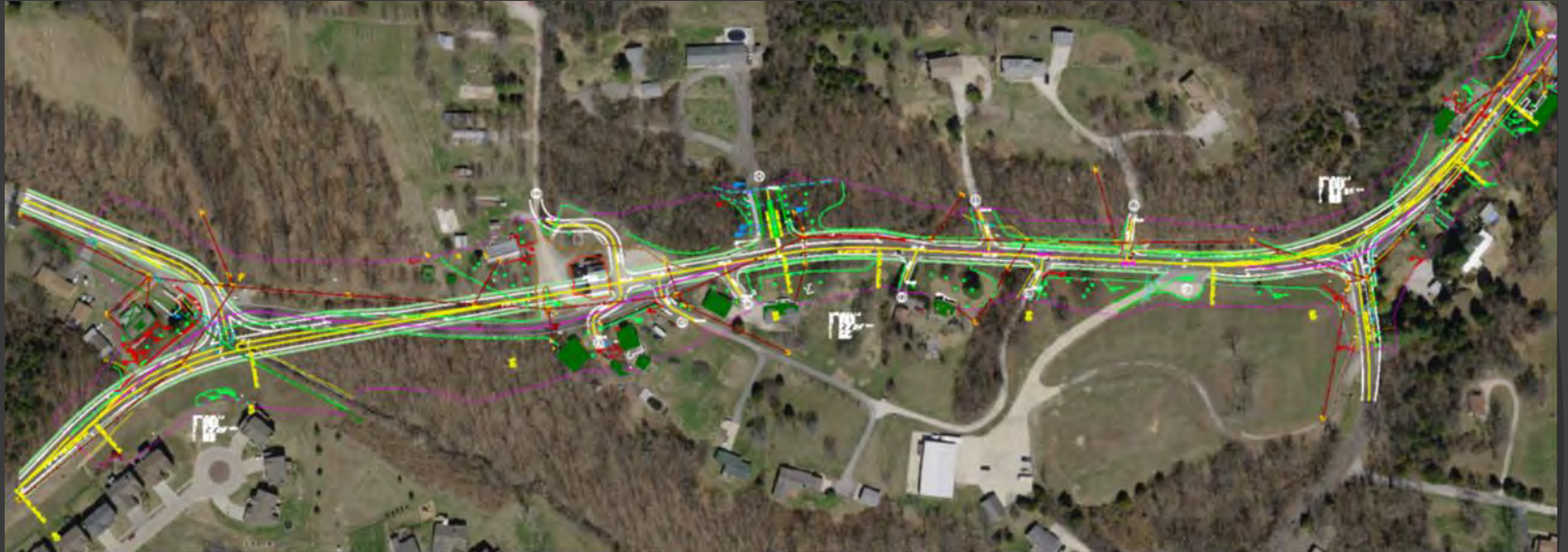
- Replace existing deficient structure
- 55' single-span concrete box beams
- Reconstruct 205' of roadway/shoulders
- Guardrail, signage, traffic control, etc.
- Engineer's Estimate = \$600,000

# Heads Creek Road Bridge:

- Replace existing deficient structure
- 22' wide single concrete box culvert
- Reconstruct 70' of roadway/shoulders
- Guardrail, signage, traffic control, etc.
- Engineer's Estimate = \$450,000



# Old Lemay Ferry Road:



- Realign and Reconstruct two-thirds mile (3,425 feet) of roadway
- Adds shoulders, turn lanes, curb and gutter, guardrail, walls, etc.
- Install 12' x 8' reinforced concrete box culvert
- Reconstruct two county road intersections at East Rock Creek and Spring Forest
- Major cut and fill earthwork grading (+20' cut and +30' fill)
- Engineer's Estimate = \$4,200,000



# Seckman Road:



- Construct roundabout at Old Lemay Ferry and Seckman / Lions Den Road
- Install traffic signals at two intersections with the Seckman K-12 campus
- Adds sidewalks, lighting, curb and gutter, etc.
- Guardrail, signage, traffic control, etc.
- Engineer's Estimate = \$2,035,000



# Any Questions?

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