



VANDEBURGH COUNTY  
**TRANSPORTATION**  
CAPITAL IMPROVEMENT  
PLAN AND PROGRAM

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**AUGUST 2, 2018**

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# **ACKNOWLEDGMENTS**

## **VANDERBURGH COUNTY COMMISSIONERS**

District 1 - Ben Shoulders

District 2 - Bruce Ungethiem

District 3- Cheryl Musgrave

## **COUNTY ENGINEER**

John Stoll





**EXECUTIVE  
SUMMARY**

**The purpose and mission of the Vanderburgh County Transportation CIPP is to develop a prioritized list of needed infrastructure projects based on a 20 year horizon that is not financially constrained.**

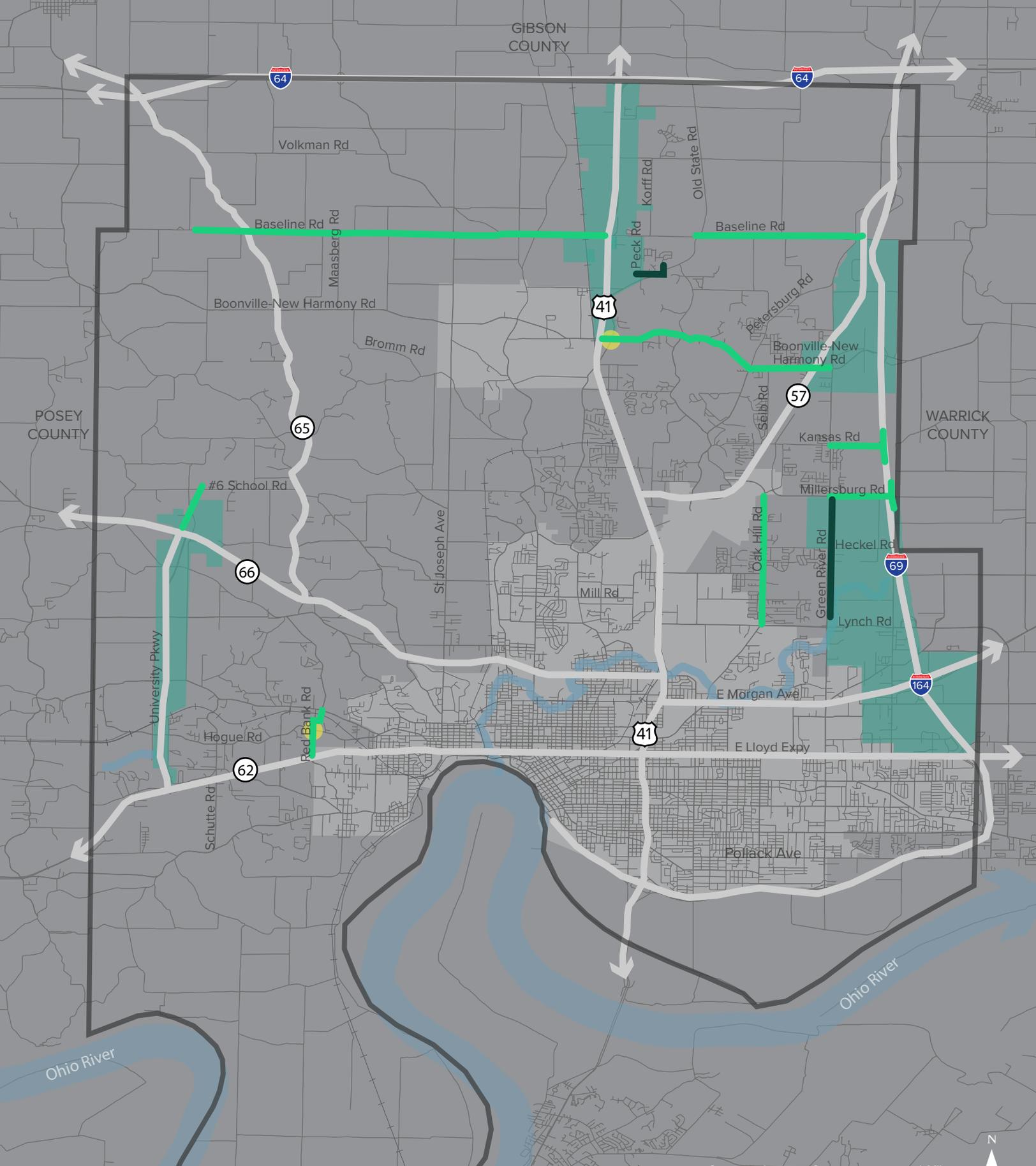


The Vanderburgh County Board of Commissioners has authorized developing a Transportation Capital Improvement Plan and Program (CIPP) to assess and prioritize transportation improvements within the County. An updated and thorough CIPP helps ensure that public funds are strategically invested in infrastructure to provide the greatest public benefit. At the same time, the CIPP prioritizes County transportation projects for local financial investment and helps ensure eligibility for state and federal grant programs.

The CIPP encompasses the County's network of roads located outside the City of Evansville and Town of Darmstadt corporate limits. This includes over 550 miles of publicly maintained roads in the unincorporated areas of Vanderburgh County. The County also maintains 157 bridges throughout the County, including those inside the limits of Evansville and Darmstadt. The County does not have jurisdiction over State and National Highways. Projects that accommodate all modes of transportation (motor vehicle, pedestrian, and bicycle) shall be considered as part of this CIPP.

The Capital Improvement Plan (the Plan) will identify and rank transportation improvement needs on county roadways and bridges over the next 20 years. The Capital Improvement Program (the Program) shall identify and rank the highest priority projects recommended for implementation within a five-year period. Steps identified as part of the Plan and Program include:

- Data collection and plan review
- Meet with key Countywide stakeholders
- Determine and estimate costs for projects
- Evaluate and score projects to generate priority list



# TOP PRIORITY PROJECTS

- Road Project
- Drainage Improvements
- Existing Roadways
- County TIF Districts
- Trail Project
- Intersection Improvements
- Waterways
- City/Town Limits

The Capital Improvement Plan identifies 47 road, seven trailway, and five drainage projects for implementation over a 20-year period with an estimated total cost of \$664,848,000. Not considering estimated revenue increases, inflation, or other variables, at the current pace with estimated trends in past project spending, it would take over 228 years to meet the current infrastructure needs identified in the CIPP. As this duration seems massive and impractical to complete, this calculation is demonstrating the current trend in spending to complete all of projects investigated for this Plan.

The Capital Improvement Program serves as a guide for the timely implementation of the Capital Improvement Plan. The Program uses the prioritization scores established by the plan and develops a program of capital project investments for implementation within a five-year period. This

program covers FY 2018-2022 and provides a current snapshot view of project needs.

The CIPP prioritizes 11 roadway projects and three trailway projects in the five-year Capital Improvement Program. Total estimated cost for these top priority projects is \$172,964,000. With the current estimated available revenue spent for the County capital projects, it is projected it would take over 59 years to complete these top priority projects. At the current trend in available funding being spent on Capital projects, not including other variables such as inflation or changes in funding sources, only 2 of these top priority projects would have the opportunity be able to be completed within a five-year period.

### CAPITAL IMPROVEMENT PROGRAM – TOP PRIORITY FUTURE PROJECTS

This table represents needed Vanderburgh County infrastructure projects sorted by highest scoring projects from scoring criteria explained in table 2 and 3.

ROAD/ TRAIL ID	PROJECT NAME	PROJECT LIMITS	COST* ESTIMATE	TOTAL SCORE
<b>Road/Bridge Projects</b>				
42	University Pkwy**	SR 66 to #6 School Rd	\$11,008,000	90
05	Boonville-New Harmony Rd	Petersburg Rd to Green River Rd	\$8,945,000	80
01	Baseline Rd	Old State Rd to SR 57/I-69	\$17,137,000	78
24	Oak Hill Rd	Lynch Rd to Heckel Rd	\$12,896,000	75
25	Oak Hill Rd	Heckel Rd to Millersburg Rd	\$9,617,000	70
07	Boonville-New Harmony Rd	US 41 to Petersburg Rd	\$17,371,000	70
20	I-69 Interchange (Millersburg Rd or Kansas Rd)	Interchange and Connector Roads	\$31,247,000	70
29	Red Bank Rd	Lloyd Expy to Upper Mt. Vernon Rd	\$7,121,000	67
30	Red Bank Rd and Hogue Rd	Intersection Improvement	\$3,014,000	67
08	Boonville-New Harmony Rd and Old State Rd	Intersection Improvement	\$2,341,000	65
02	Baseline Rd	University Pkwy to US 41	\$41,054,000	65
<b>Trailway Projects</b>				
03	Green River Rd Trail**	Millersburg Rd to Heckel Rd	\$3,019,000	85
04	Green River Rd Trail**	Lynch Rd to Heckel Rd	\$6,789,000	80
06	North HS Trail	North HS to Kingsmont Subdivision	\$1,405,000	70
<b>GRAND TOTAL =</b>			<b>\$172,964,000</b>	

\*Total Project Cost Estimates- includes INDOT Unit Prices for 2017 Construction Dollars; 30% Construction Contingency; 15% Preliminary Engineering; 12.5% Construction inspection; Project Contingency (% varies based on project type and location)- Land Acquisition Costs, Utility Relocation, Environmental Mitigation

\*\* Project has recently been approved into design development. Construction fund programming is pending appropriation at this time.



# PURPOSE OF A CAPITAL IMPROVEMENT PLAN AND PROGRAM

An up to date and thorough CIPP helps ensure that public funds are strategically invested in infrastructure in a manner that provides the greatest public benefit and prioritizes County transportation projects for local financial investment as well as ensuring eligibility for state and federal grant programs. Capital transportation projects are those that require substantial reconstruction and/or new construction of infrastructure critical to the continued functionality and expansion of the roadway network.

Examples of capital projects include:

- Road widening and the construction of new roadways
- Trailway construction
- Extensive drainage improvements
- Bridge or underpass improvements

Maintenance projects, such as crack sealing, pavement mill and resurface, guardrail repair, bridge repair, striping, signing etc. are not funded by the Capital Improvement Program. These activities are funded through operations and maintenance budgets and have been excluded from this document. The Vanderburgh County Road Asset Management Plan and the Vanderburgh County Bridge Inventory and Safety Inspection report both identify maintenance projects.

The priority schedule for the repair or replacement of existing Vanderburgh County bridges will be determined every two years as a part of the biannual bridge inspection program. Since these inspections and subsequent reports could change the priorities of the bridges in any given year, these bridge projects were excluded in the priority schedules for the proposed road and bridge projects stated elsewhere in this report. Culverts were also excluded from the priority schedules since the County does not currently have a prioritized listing of upcoming culvert replacement projects. The County has an inventory of over 2000 culverts 36" and greater in size, and the culverts with known problems are evaluated each year. If one of these annual inspections of the culverts indicates that a culvert must be replaced, it is added into the budget at the time of the inspection.

The CIPP is a two-part document. The Capital Improvement Plan identifies and scores transportation projects needed in the next 20 years in order that they may be placed in priority order. The Capital Improvement Program assigns project costs to highest priority projects recommended for implementation within a 5 year period.

## CAPITAL IMPROVEMENT PLAN

The Plan (Transportation Capital Improvement Plan) is an inventory of transportation capital needs with an estimation of their associated costs. It precedes the Program (Capital Improvement Program) by rating and ranking projects by priority of need. The Plan uses industry standard criteria to evaluate and distinguish Roadway, Bicycle and Pedestrian, Drainage, and Intersection Improvement priorities from the array of candidate projects.

## CAPITAL IMPROVEMENT PROGRAM

The Program implements the Plan by utilizing the prioritization scores established by the Plan and developing a program of capital project investments for implementation within the 5 year horizon. The Program is to be reviewed annually and updated to ensure that limited resources for projects are efficiently and equitably

allocated to the most critical capital needs. Strategies shall be developed to further leverage County funds by partnering these local dollars with federal, state, or private investment. The Program may then be used by elected and appointed officials in preparing the annual Transportation Capital Improvement budget. Public review of the Program is provided annually through the County's budget process.

## CIPP DEVELOPMENT PROCESS

The County road system is dynamic, consistently requiring updates in response to land use decisions for development and increased traffic demands. Consequently, the CIPP must be reconsidered and revised on a regular basis. The following processes and steps were taken to develop the CIPP:

### PLANNING DOCUMENT REVIEW

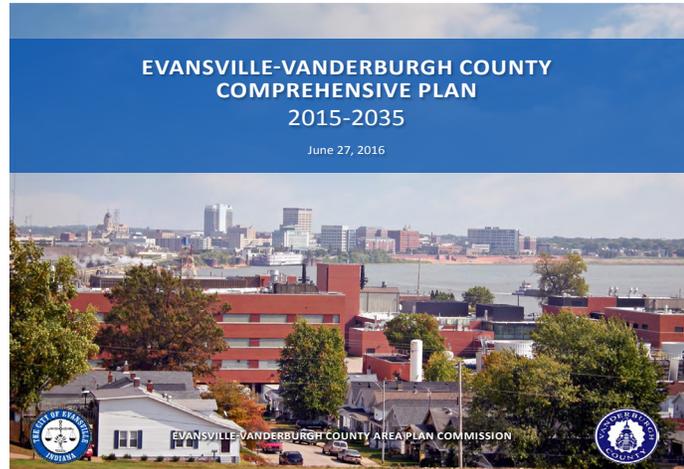
Several external documents have been developed to identify potential transportation improvement projects located within the County. These planning documents have been reviewed for the CIPP and some future planning documents are in development at this time. Future updates to the CIPP can be made upon completion of these future documents. These sources identify roadway segments, intersections, and structures on the County transportation system that are congested, substandard, incomplete, missing links, or in need of reconstruction.

### EXISTING PLANNING DOCUMENTS

- Evansville MPO Transportation Plan 2040 (MTP 2040) – January 8, 2014
  - Vanderburgh County project recommendations:
    - 2 – 2016-2022
    - 2 – 2023-2035
    - 3 – 2036-2040
    - 3 – Illustrative projects eliminated from MTP due to financial constraints
    - 10 – Total Vanderburgh County Projects
- Evansville-Vanderburgh County Comprehensive Plan 2015-2035 – June 27, 2016
  - References projects recommended from MTP 2040 listed above
- Evansville MPO Transportation Improvement Program (TIP) 2018-2021 – May 4, 2017
  - 1 project (Green River Road – Kansas Road to Boonville-New Harmony Road)
- Vanderburgh County – Burkhardt Rd. and US 41 TIF Districts – Bicycle and Pedestrian System Plan – 2012
- Evansville Bicycle and Pedestrian Connectivity Master Plan – 2015
- Southwest Regional Logistics Council Conexus Report – June 2015

### ONGOING/CURRENT PLANNING DOCUMENTS

- US 41 Corridor Study – anticipated completion Summer 2018
- SR 66/Lloyd Expressway Corridor Study – anticipated completion Summer 2018
- University Parkway Corridor Plan – anticipated completion late Summer 2018



Vanderburgh County  
Burkhardt Road + US 41 TIF Districts

### BICYCLE + PEDESTRIAN SYSTEM PLAN

Prepared by:  
Evansville Metropolitan Planning Organization

EVANSVILLE

## METROPOLITAN TRANSPORTATION PLAN MTP 2040



### TRANSPORTATION IMPROVEMENT PROGRAM TIP 2018-2021



## EVANSVILLE, INDIANA BICYCLE AND PEDESTRIAN CONNECTIVITY MASTER PLAN



## STAKEHOLDER INPUT

Several key stakeholders were involved in contributing thoughts and potential project candidates to the CIPP. Individual and group meetings were held for open discussion on key criteria associated with future infrastructure improvements. Background information on the County's desire for this document was described, along with purpose and mission of the CIPP. General items that were discussed include: safety concerns, connectivity issues, regional development locations, congestion areas, roadway drainage concerns, poor pavement conditions, narrow roadway widths, pedestrian facilities, railroad overpasses, missing links, etc.

- Vanderburgh County Commissioners
  - District 1 – Ben Shoulders
  - District 2 – Bruce Ungethiem
  - District 3 – Cheryl Musgrave
- Vanderburgh County Engineer – John Stoll
- Vanderburgh County Surveyor – Jeffrey Mueller
- Vanderburgh County Highway Superintendent – Scot Wichser
- Vanderburgh County Emergency Management Agency – Cliff Weaver
- Scott Township Fire Department – Adam Farrar
- INDOT Vincennes District – Shawn Will
- Evansville-Vanderburgh School Corporation – Mike Mentzel
- Evansville Trails Coalition – Lorie Van Hook
- Economic Development Coalition of Southwest Indiana – Nancy Dieg and Greg Wathen
- Southwest Indiana Chamber – Christy Gillenwater and Jeff Mulzer
- Grown Alliance for Greater Evansville – Ellen Horan
- Southwestern Indiana Builders Association – Brian Murphy



## PROJECT COST ESTIMATING (CAPITAL IMPROVEMENT PLAN)

The plan identifies 47 road, seven trailway, and five drainage projects for implementation over a 20-year period with an estimated total cost of \$664,848,000. Not considering estimated revenue increases, inflation, or other variables, at the current pace with estimated available revenue, it would take over 228 years to meet the current infrastructure needs identified in the CIPP.

**TABLE 1 - CAPITAL TRANSPORTATION NEEDS BY PROJECT TYPE**

PROJECT TYPE	TOTAL COST ESTIMATE
Road-Widen	\$226,712,000
Road-Reconstruct	\$89,779,000
Road-Intersection Improvement	\$23,009,000
Road-New	\$238,382,000
Road-Interchange	\$31,247,000
Road-Beautification	\$920,000
Bridge-Underpass	\$9,067,000
Trailway	\$44,375,000
Stormwater Drainage Improvements	\$1,357,000
<b>GRAND TOTAL</b>	<b>\$664,848,000</b>

## PRIORITIZING PROJECTS (CAPITAL IMPROVEMENT PROGRAM)

Taking a look at past Vanderburgh County spending specifically on Capital improvement projects, from 2004 to 2016, on average, the County is spending approximately \$2.9 million per year. Not considering estimated revenue increases, inflation, or other variables, at the current pace of spending on these projects, it would take over 59 years to meet the current infrastructure needs identified in the CIPP. This does not account for changes such as future population growth trends, development, etc. within the County.

## FY 2018-2037 CAPITAL IMPROVEMENT PLAN- ROADWAY INFRASTRUCTURE

The Transportation Capital Improvement Plan establishes a prioritized list of road and road-related capital projects necessary to enhance and maintain the County road system in order to maximize safety and functionality. The County's road projects are evaluated using criteria that address the following:

- Safety Improvements
- Multi-modal Benefit
- Contribution to Focus Areas (Land Use)
- Connectivity of Corridor
- Potential to leverage non-County funding
- Project Support

These criteria are based in part on project selection criteria used for funding regional projects. Each potential project is evaluated and scored using the Criteria for Roadway Infrastructure Project Evaluation shown on the following Table 2. Using the scoring tool, priorities are established for each project.



**TABLE 2 – CRITERIA FOR ROADWAY INFRASTRUCTURE PROJECT EVALUATION**

	<b>CRITERIA</b>	<b>CRITERIA EXPLANATION</b>	<b>POINTS</b>
<b>SAFETY IMPROVEMENTS (40%)</b>	Safety Improvements	Is there an accident history along the project site? (2012-2016 Accident Data)	10
		Road accident history include fatality or high injury rate? (2012-2016 Accident Data)	15
		Projects that will mitigate a hazard in locations. Does the project reduce conflicts and/or provides safety mitigation for any potential vehicular conflicts?	5
	Multi-Modal Benefit	Project adds bike and pedestrian facilities where none exist. Project location identified in bike or pedestrian plan.	5 5
<b>DEVELOPMENT AND CONNECTIVITY (40%)</b>	Contribution to Focus Areas (Land Use)	Project is located in or directly serving a regional TIF District.	15
		Project is located in or directly serves a development, industrial center, or employment core.	10
		Project serves an activity center (Park, University, K-12 school).	5
Connectivity of Corridor	The project completes a gap in a corridor (i.e. is the roadway on either end of segment constructed to County standards?).	10	
<b>FUNDING AND SUPPORT (20%)</b>	Non-county funding secured	Project is on the Statewide Functional Classification Roadway Network and eligible for Federal Funding.	5
	Project Support	Project is included in a local plan (transportation plan, corridor plan, etc.). Project has received stakeholder support (project discussed in stakeholder meeting; 1 person =5, >1 person = 10)	5 10
<b>Total points possible</b>			<b>100</b>

**TABLE 3 – CRITERIA FOR TRAILWAY INFRASTRUCTURE PROJECT EVALUATION**

	CRITERIA	CRITERIA EXPLANATION	POINTS
LOCATION IMPROVEMENTS (30%)	Compliment Recent or Future Project	Project compliments or enhances a recently completed or near-term future project. Project that have benefit to phases of completed or future projects.	15
	Project Utility	Project serves a need/be well used once it is complete. Project improves access to priority destinations mixed use centers, large employment areas, schools, and essential services.	15
DEVELOPMENT AND CONNECTIVITY (45%)	Contribution to Focus Areas (Land Use)	Project is located in or directly serving a regional TIF District.	20
		Project is located in or directly serves a development, industrial center, or employment core.	10
		Project serves an activity center (Park, University, K-12 school).	5
Connectivity of Corridor	Project completes a gap in the systems; compliments adjacent facilities; significantly improves an existing facility that is well-used. Projects that significantly help to complete a pedestrian or bicycle corridor will receive top scores.	10	
FEASIBILITY AND SUPPORT (25%)	Feasibility	Factors exist within or outside the scope of the project that make it impractical. Projects receive negative points if concerns about right-of-way, topography, or construction timing make them impractical.	ROW/ TOPO issues; -10-0 points
	Project Support	Project is included in a local plan (transportation plan, corridor plan, etc.).	15
		Project has received stakeholder support (project discussed in stakeholder meeting; 1 person =5, >1 person = 10)	10

**Total points possible**

**100**

## FY 2018-2037 CAPITAL IMPROVEMENT PLAN- TRAILWAY INFRASTRUCTURE

The Evansville Trail Coalition has a long-term program to develop and maintain a balanced transportation system that includes sidewalks, shared-use paths, and bike lanes on urban arterials and collectors, and shoulder bike and pedestrian ways on rural roads.

If a roadway project includes a planned bikeway or sidewalk, the bike and pedestrian facilities are constructed as part of the roadway project. Bicycle and pedestrian priorities that will not be constructed by a roadway project or other program in the near future are programmed through the Trailway capital plans. Examples are Trailway gaps, separated bike paths in the road right-of-way, cyclist activated traffic signals, major shoulder construction, and bridge modifications. Trailways that can be created by striping roads and signage (such as designating bicycle lanes or routes) are funded through the maintenance budget.

In selecting Trailway system projects, the plan uses a careful process of addressing critical needs and maximizing funding opportunities. Information used in evaluating a project addresses the following factors:

- Compliment Recent or Future Project
- Completing gaps and connectivity of corridors
- Contribution to Focus Areas (Land Use)
- Proximity to school and other public destinations
- Feasibility
- Project Support

Each potential project is evaluated and scored using the ranking criteria shown in the following Table 3. Using this scoring tool, priorities are established for bicycle system and pedestrian system investments.







# PROJECT FUNDING



## CAPITAL PROJECT FUNDING

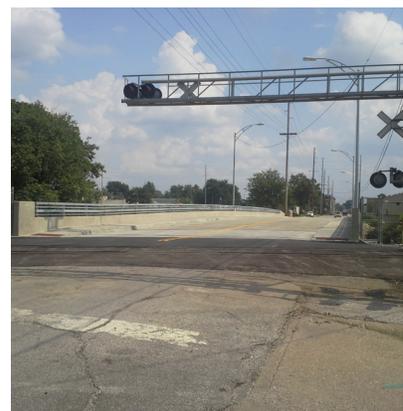
Vanderburgh County receives its transportation revenue from four (4) primary sources – Federal revenues, the State Highway Fund (state gas tax, vehicle registration fees, and truck weight/mile tax), Tax Increment Financing (TIF), and county excise/wheel tax. Federal sources include the Surface Transportation Program (STP) and Transportation Alternative Program (TAP). The County has chosen to dedicate the STP funds to the rural roads within the County in order to ensure equity in geographic allocation. As noted in the EMPO MTP 2040 plan, it is estimated that STP available funding to the entire EMPO is approximately \$3.5 million, rural STP funding to Vanderburgh County of \$2.5 million, and approximately \$700,000 of TAP funds distributed between Vanderburgh and Warrick Counties.

Like all public transportation agencies relying on gas tax revenue, Vanderburgh County is experiencing a reduction in its ability to maintain its current system of roads and bridges AND at the same time, to invest in replacement or expansion Capital projects. Prior to the 2017 State increase of the gas tax, the last state gas tax increase was in 2003. Since that time, the number of vehicle miles traveled in the region has risen, but gas tax revenues only increased marginally. Vehicles have become more fuel efficient, but travelers are no less dependent on a good transportation system.

Since 1993, inflation has increased by more than 50 percent. While fuel prices fluctuate dramatically, the gas tax is flat and has no index to inflation. As a consequence, the County's purchasing power has diminished with inflation. The County's core responsibility to provide a safe and efficient roadway network for the traveling public has been seriously compromised by diminished buying power.

The Past Projects Cost Data in Table 4, shows a total project cost history of projects recently constructed within Vanderburgh County. The completed projects date back to 2004 through 2016. In addition, Table 5 includes projects that are currently in development; this includes projects to date that have been contracted into design up through projects in active construction. This total project cost information includes costs for construction, design, construction inspection, land acquisition, utility relocation costs, etc. and match up with variables included in project cost estimates for projects in the Plan and Program. Evaluating the past project cost data spent by Vanderburgh County provides a reasonable estimate to what can be anticipated to be constructed in the future.

Current projections of County revenues from both the state and county transportation funds indicate an improved but limited ability to sustain investments in road and bridge preservation and maintenance as well as a limited ability to keep pace with the critical capital program. County priorities for its transportation revenues are capital debt payments, the road preservation/overlay program, bridge preservation/maintenance, annual allotments for emergency response and safety, and new bridge and road capital projects.





**TABLE 4- PAST PROJECTS**

This table represents past Vanderburgh County projects with construction complete

PROJECT	PROJECT LIMITS	PROJECT LENGTH (LFT)	NUMBER OF LANES	FUNDING SOURCE	ROAD/ BRIDGE	CONSTR. BID LETTING	*TOTAL PROJECT COST - VAND. CO.
University Parkway	SR 62 to Upper Mt. Vernon Rd	10,400	4	INDOT 80-LPA 20	Road	3/23/2004	\$3,663,000
Burdette- USI Trail Phase 1	Nurrenbern Rd to 450' W. of Burdette Park Access Rd	3,060	-	Vand. Co	Trail	12/12/2006	\$579,000
Baseline Rd. Bridge #201	over CSX RR; 0.4 mi. W. of US 41	1,750	2	Vand. Co.	Bridge	9/1/2008	\$3,809,000
Burdette- USI Trail Phase 4	Discovery Lodge Tie-in	660	-	Vand. Co	Trail	11/24/2009	\$328,000
University Parkway	Upper Mt. Vernon Rd to Marx Rd	6,680	4	INDOT 80-LPA 20	Road	12/4/2009	\$1,800,000
First Ave. Bridge	Rehab; bridge over Pigeon Creek	400	4	Vand. Co.	Bridge	3/1/2010	\$1,619,000
Burdette- USI Trail Phase 2	USI Campus to 1600' S. of Broadway Ave	5,690	-	Vand. Co	Trail	3/1/2010	\$1,408,000
University Parkway	Marx Rd to SR 66	8,510	4	INDOT 80-LPA 20	Road	12/8/2010	\$2,421,000
Burdette- USI Trail Phase 3	1600' S. of Broadway Ave to Nurrenbern Rd	5,050	-	Vand. Co	Trail	2/7/2011	\$1,300,000
Millersburg Rd	Oak Hill Rd to Green River Rd	4,435	3	Vand. Co.	Road	2/7/2012	\$3,785,000
Old Boonville Hwy. Br. #1530	0.33 miles west of Burkhardt Rd	125	2	Vand. Co.	Bridge	6/1/2013	\$241,000
Green River Rd Phase 5	Millersburg Rd to Kansas Rd	5,175	5	Vand. Co.	Road	2/11/2014	\$7,817,000
Maryland St. Br. #1330	over Pigeon Creek; 0.18 mi. W. of Wabash Ave	300	2	Vand. Co.	Bridge	10/1/2014	\$2,475,000
Broadway Ave. Bridge #271	at Johnson Lane	140	2	Vand. Co.	Bridge	5/1/2015	\$1,217,000
Heckel Rd	Oak Hill Rd to Green River Rd	5,845	3	Vand. Co.	Road	2/16/2016	\$5,182,000
St. Joseph Ave. Bridge 1923	0.5 mi. N. of Mohr Rd	100	2	Vand. Co.	Bridge	1/1/2017	\$249,000

\*Note: the total cost shown represents costs covered by Vanderburgh County and do not reflect Federal Aid funds contributed to projects



**TABLE 5- CURRENT PROJECTS IN DEVELOPMENT**

This table represents Vanderburgh County projects currently in development ranging from beginning of design through active construction

PROJECT	PROJECT LIMITS	PROJECT LENGTH (LFT)	NUMBER OF LANES	FUNDING SOURCE	ROAD/ BRIDGE	CONSTR. BID LETTING	*TOTAL PROJECT COST - VAND. CO.
Peck Rd	Old State Rd to Baseline Rd	4,500	3	Vand. Co	Road	10/3/2017	\$2,439,000
Baseline Rd	Small Structure 0.15 mi. west of Petersburg Rd	300	3	Vand. Co	Road	7/1/2018	\$180,000
Green River Rd Phase 6	Kansas Rd to Boonville-New Harmony Rd	7,660	3	INDOT 80- LPA 20	Road	8/8/2018	\$1,886,000
Green River Rd Phase 7	Boonville-New Harmony Rd to SR 57	2,800	3	Vand. Co	Road	9/15/2018	\$4,065,000
Baseline Rd	Fenway Dr to Korff Rd	1,550	3	Vand. Co	Road	4/1/2019	\$2,575,000
Kansas Rd	Petersburg Rd to Green River Rd	8,410	3	Vand. Co	Road	12/1/2019	\$8,892,000
Baseline Rd	Korff Rd to Old State Rd	3,830	3	Vand. Co	Road	4/1/2020	\$5,340,000
University Pkwy**	SR 66 to #6 School Rd	5,560	4	Vand. Co	Road	TBD	\$11,008,000
Green River Rd Trail**	Millersburg Rd to Heckel Rd	5,230	-	Vand. Co	Trail	TBD	\$3,019,000
Green River Rd Trail**	Lynch Rd to Heckel Rd	8,010	-	Vand. Co	Trail	TBD	\$6,789,000

\*Note: the total cost shown represents costs covered by Vanderburgh County and do not reflect Federal Aid funds contributed to projects

\*\* Project has recently been approved into design development. Construction fund programming is pending appropriation at this time.

**TABLE 6 – FUTURE PROJECTS- CAPITAL IMPROVEMENT PROGRAM**

This table represents needed Vanderburgh County infrastructure projects sorted by highest scoring projects from scoring criteria explained in Table 2 and 3.

PROJECT NAME	PROJECT LIMITS	COST ESTIMATE*	TOTAL SCORE
<b>Road/Bridge Projects</b>			
University Pkwy**	SR 66 to #6 School Rd	\$11,008,000	90
Boonville-New Harmony Rd	Petersburg Rd to Green River Rd	\$8,945,000	80
Baseline Rd	Old State Rd to SR 57/I-69	\$17,137,000	78
Oak Hill Rd	Lynch Rd to Heckel Rd	\$12,896,000	75
Oak Hill Rd	Heckel Rd to Millersburg Rd	\$9,617,000	70
Boonville-New Harmony Rd	US 41 to Petersburg Rd	\$17,371,000	70
I-69 Interchange (Millersburg Rd or Kansas Rd)	Interchange and Connector Roads	\$31,247,000	70
Red Bank Rd	Lloyd Expy to Upper Mt. Vernon Rd	\$7,121,000	67
Red Bank Rd and Hogue Rd	Intersection Improvement	\$3,014,000	67
Boonville-New Harmony Rd and Old State Rd	Intersection Improvement	\$2,341,000	65
Baseline Rd	University Pkwy to US 41	\$41,054,000	65
<b>Trailway Projects</b>			
Green River Rd Trail**	Millersburg Rd to Heckel Rd	\$3,019,000	85
Green River Rd Trail**	Lynch Rd to Heckel Rd	\$6,789,000	80
North HS Trail	North HS to Kingsmont Subdivision	\$1,405,000	70
<b>GRAND TOTAL =</b>		<b>\$172,964,000</b>	

\*Total Project Cost Estimates- includes INDOT Unit Prices for 2017 Construction Dollars; 30% Construction Contingency; 15% Preliminary Engineering; 12.5% Construction inspection; Project Contingency (% varies based on project type and location)- Land Acquisition Costs, Utility Relocation, Environmental Mitigation

\*\* Project has recently been approved into design development. Construction fund programming is pending appropriation at this time.

## FY 2018-2022 CAPITAL IMPROVEMENT PROGRAM

The Transportation Capital Improvement Program has been developed as a guide for the timely implementation of the capital plan. Where the Capital Improvement Plan identifies and scores 20-year project needs for Vanderburgh County's transportation system, the Capital Improvement Program identifies anticipated County revenue and schedules projects for development and construction for a 5-year period.

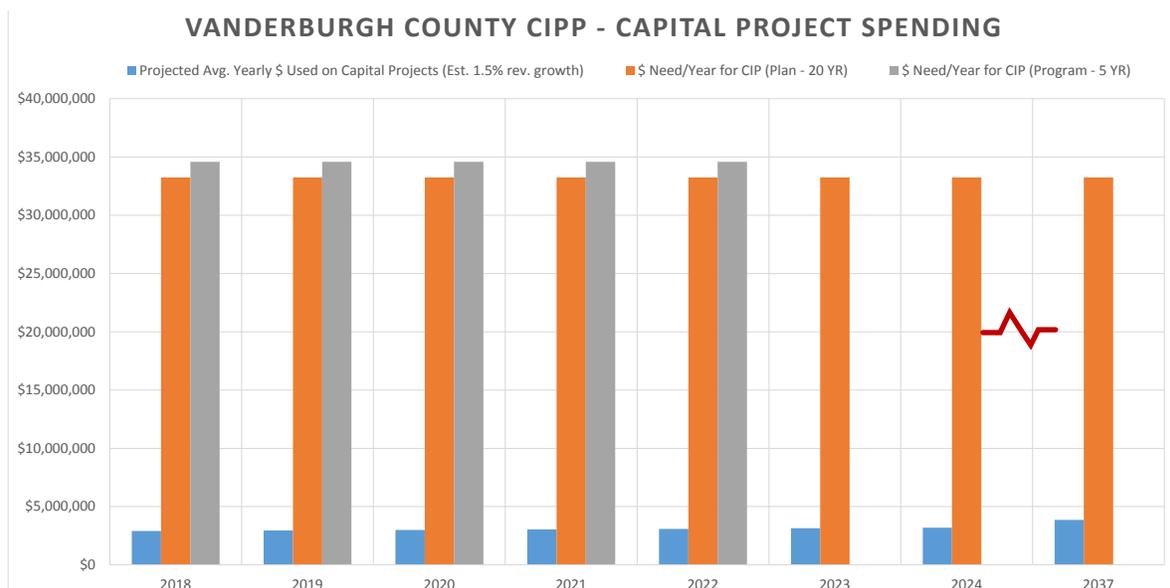
Constantly changing community needs will alter County transportation program priorities over time. The Transportation Capital Improvement Program should be reviewed by stakeholders on an annual basis and full reviews with public input should be conducted biennially. The 2018-2022 CIP is based on the best available revenue forecasting and cost information and by clear and objective means, establishes a strategy for addressing the highest priority transportation needs for County fiscal years from 2018 to 2022.

Projected available transportation revenue for Vanderburgh County capital projects is estimated from the past trends in spending for capital projects. The estimated available capital project revenue for the County, which does not include the average maintenance and operations costs, is \$2,914,846 in 2018. Assuming conservative 1.5% per year increase in revenue, the total estimated funding for Vanderburgh County for 5-year period from 2018-2022, would be approximately \$15.1 million.

**TABLE 7 VANDERBURGH CO. - PAST PROJECT SPENDING 2004-2016**

<b>TOTAL</b>	<b>\$37,893,000.00</b>
TOTAL YEARS	13
AVG \$/YEAR	\$2,914,846.15

	Total Cost Estimate	Plan/Program Duration	\$/Year Need	Years to Complete at Current Spending Trends
CIP (Plan - 20 YR)	\$664,848,000	20	\$33,242,400	228
CIP (Program - 5 YR)	\$172,964,000	5	\$34,592,800	59
Next 5 Year Estimated Project Spending	\$15,018,065			



This \$2.9 million annual estimate was determined using all funding sources that were utilized on past projects. As a result, this includes TIF expenditures from prior years. If TIF funds are not available in the future, this \$2.9 million figure could be as low as \$1.0 million to \$1.5 million if Vanderburgh County has to rely solely on Local Road and Street and/or County Highway Funds. This decrease in available local funds would obviously further increase the gap between the funding needed to complete the projects and the annual funding that could be provided by Vanderburgh County.

The CIP provides a current “snapshot” view of project needs and will need to be re-evaluated on a yearly basis. Future changes, such as potential City of Evansville annexation and future unidentified development areas will dictate changes to the Program. Projects with the most critical need and fewest constraints were recommended for priority development. The projects scoring over 60, were viewed as top priority projects to include in the CIP and are shown in Table 6. Without considering inflation, if transportation funding is not increased and capital investment continues at its current pace, it will take over 59 years to meet the current infrastructure needs identified in the CIP.

Recent trends in construction inflation indicate a 3-4% annual increase and will have significant impact on the County’s ability to complete projects. This will need to be taken into account for future planning and in future updates to this plan. Comparing anticipated revenue growth and inflation noted above, shows the funding shortfall and demonstrates need for increased funding to keep up with infrastructure improvements. This Capital Program recognizes that 2017 House Bill 1002 and the distribution of increased gas tax revenue will have positive impacts on the availability of maintenance and operations revenue and potentially on capital project revenue. While it is anticipated that the initial annual distributions of this increased revenue will be invested primarily on maintenance, the most advantageous use of this new revenue should be further explored in future years to determine the most advantageous balance between capital projects and annual maintenance/resurface projects.

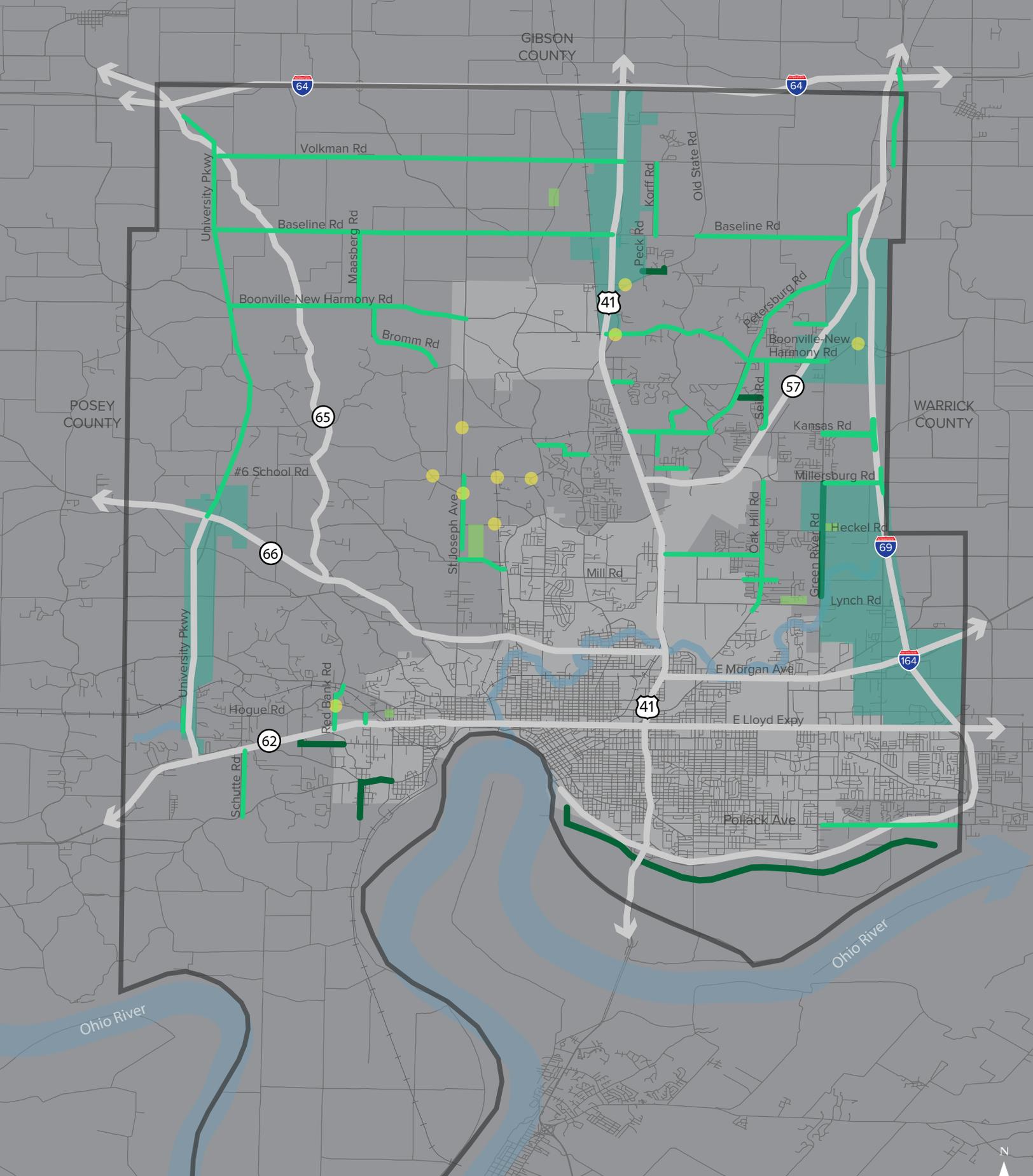
Of course, it would be desirable to complete these critical transportation improvements in a timelier manner. However, the implementation timeframe established by this CIP is based on the best revenue and project cost information available at the time of this study’s completion and, by clear and objective means, it has established a strategy for addressing the highest priority transportation needs as quickly as possible with the anticipated revenue.

In an effort to further stretch local transportation investment and complete critical capital improvements more quickly, the County attempts to leverage external funds whenever possible. Inevitably however, many necessary local projects remain unfunded, have captured only a portion of their necessary funding, or simply cannot be funded in a timeframe to meet the public need. In an effort to leverage non local funding sources and expedite implementation, the County staff has identified projects that are probable candidates for state or federal funding assistance and have funded some if these projects partially with the expectation that they would eventually receive external funding assistance (at an 80% federal to 20% local funding ratio) to complete the project. INDOT typically issues a “Call for Projects” in which transportation project funding applications are requested from local public agencies. While federal funding availability is limited, competition for the funds is intense, and receipt of a funding grant is far from guaranteed, this is one of the only tools at the County Highway Director’s disposal to achieve the county transportation needs.



**APPENDIX A-  
PROJECT MAPS**



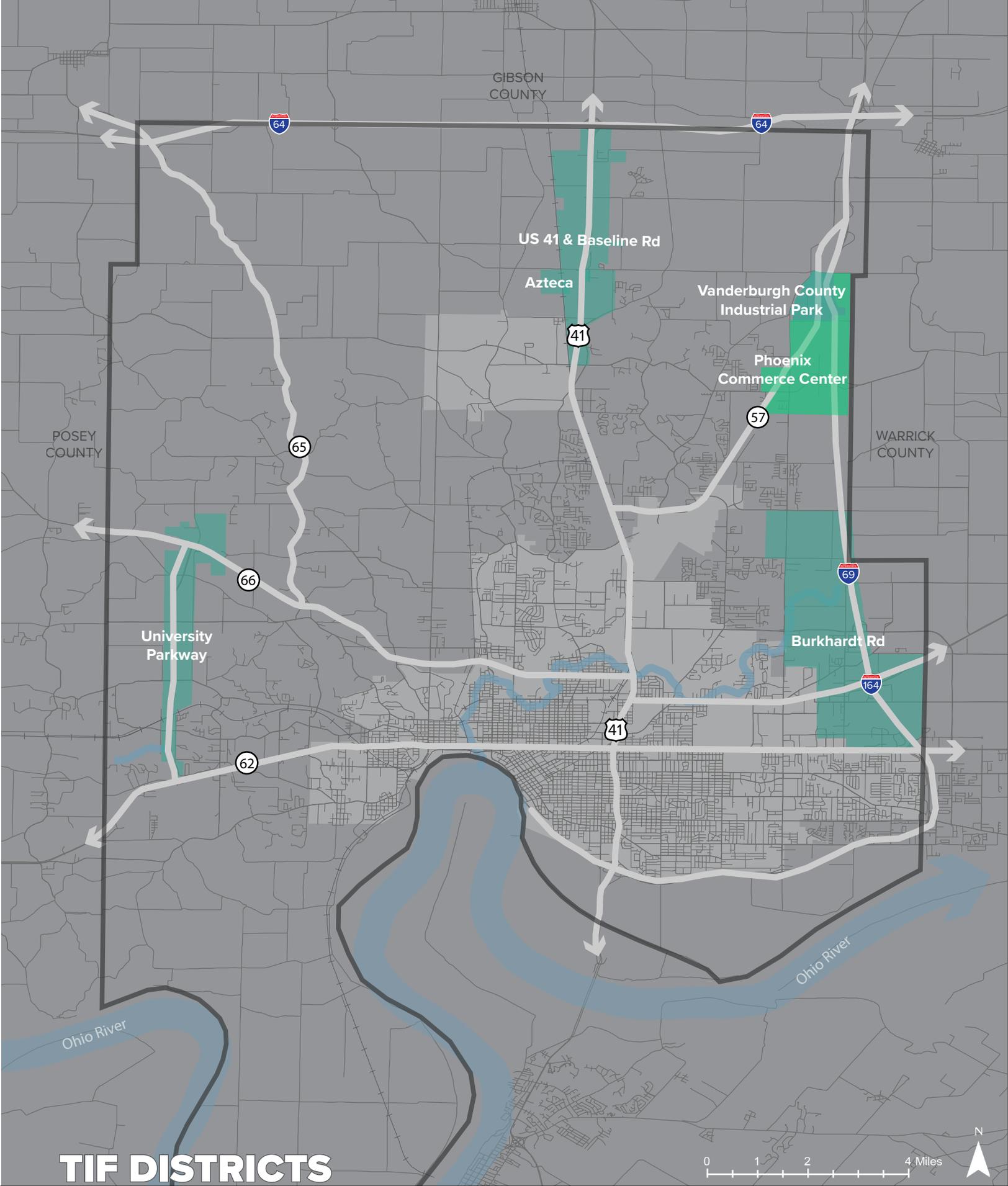


# PROJECT OVERVIEW



- Road Project
- Intersection Improvements
- Existing Roadways
- County TIF Districts
- Trail Project
- Waterways
- City/Town Limits



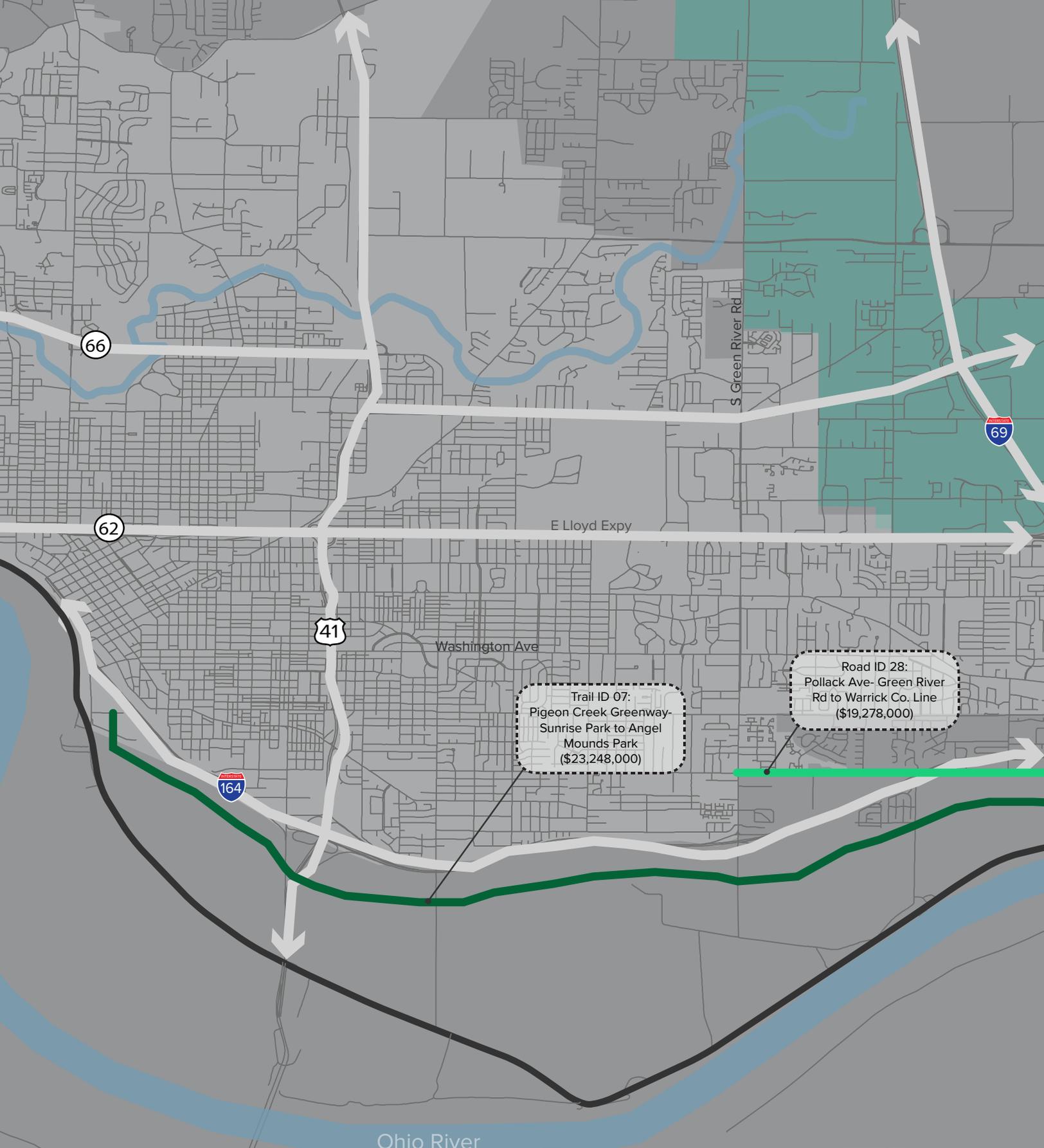


# TIF DISTRICTS



- Road Project
- Drainage Improvements
- Existing Roadways
- County TIF Districts
- Trail Project
- Intersection Improvements
- Waterways
- City/Town Limits



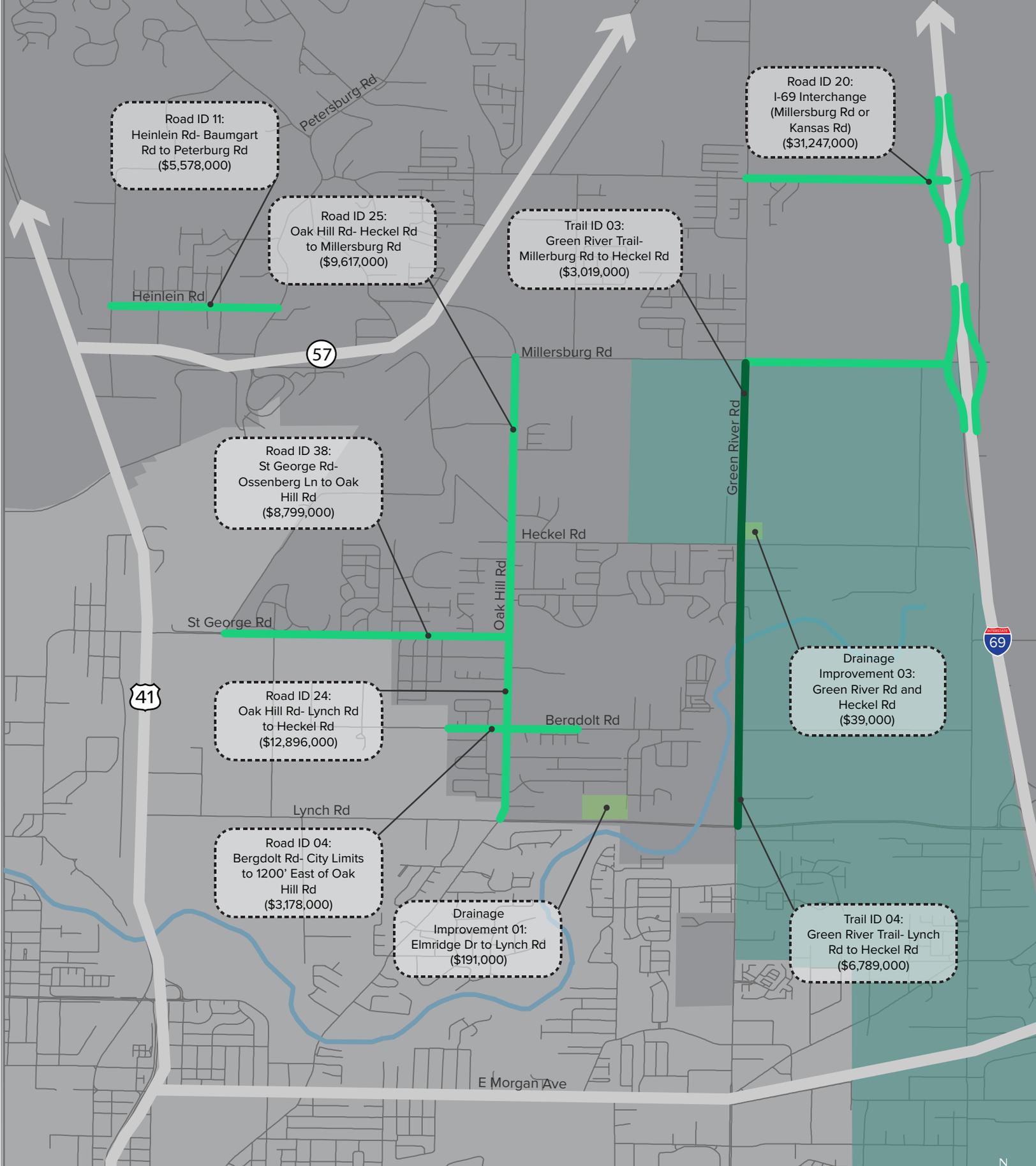


# DISTRICT 1 FUTURE PROJECTS



- Road Project
- Drainage Improvements
- Existing Roadways
- County TIF Districts
- Trail Project
- Intersection Improvements
- Waterways
- City/Town Limits



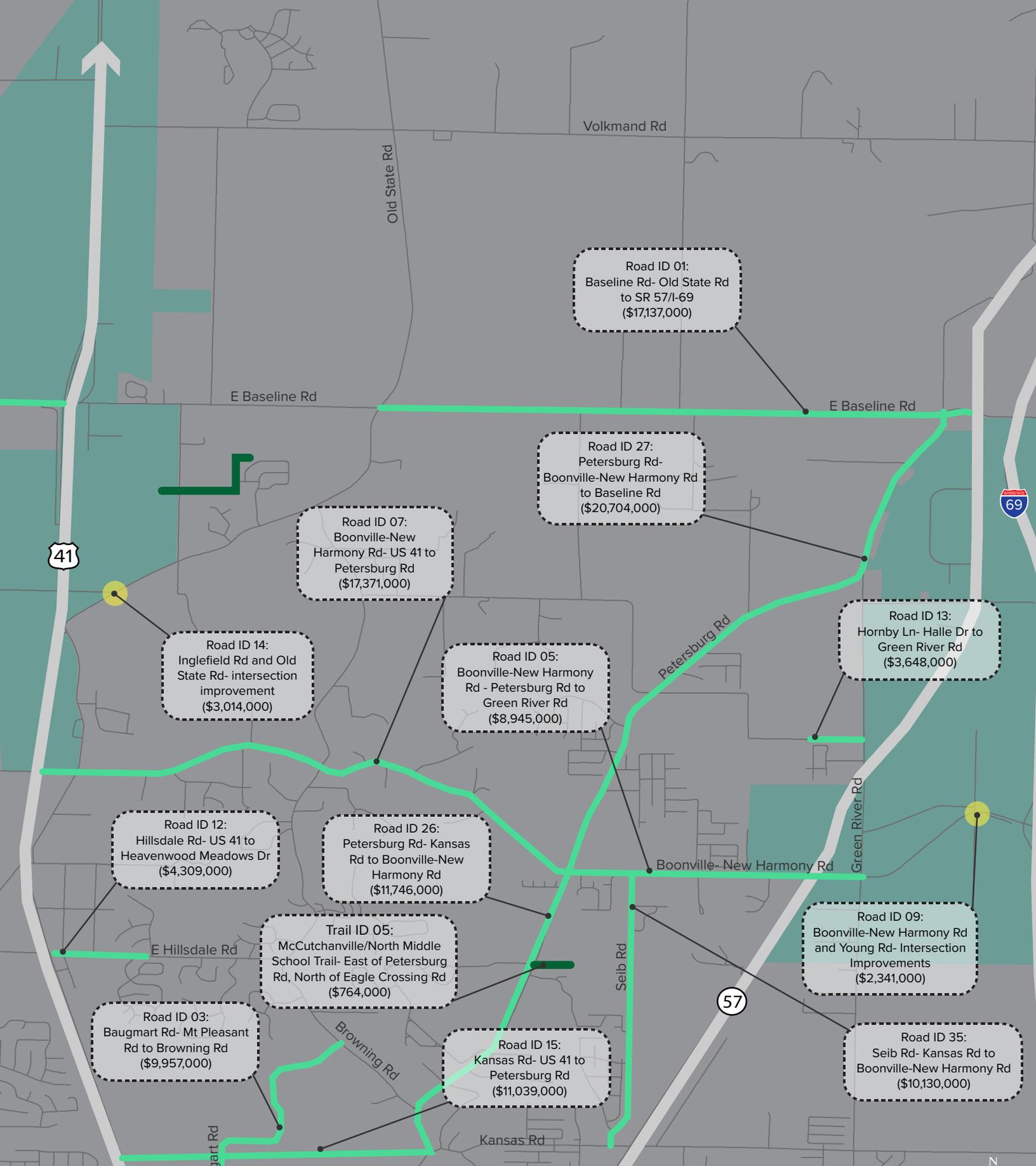


# DISTRICT 2 FUTURE PROJECTS



- Road Project
- Drainage Improvements
- Existing Roadways
- County TIF Districts
- Trail Project
- Intersection Improvements
- E Lloyd Expy
- Waterways
- City/Town Limits



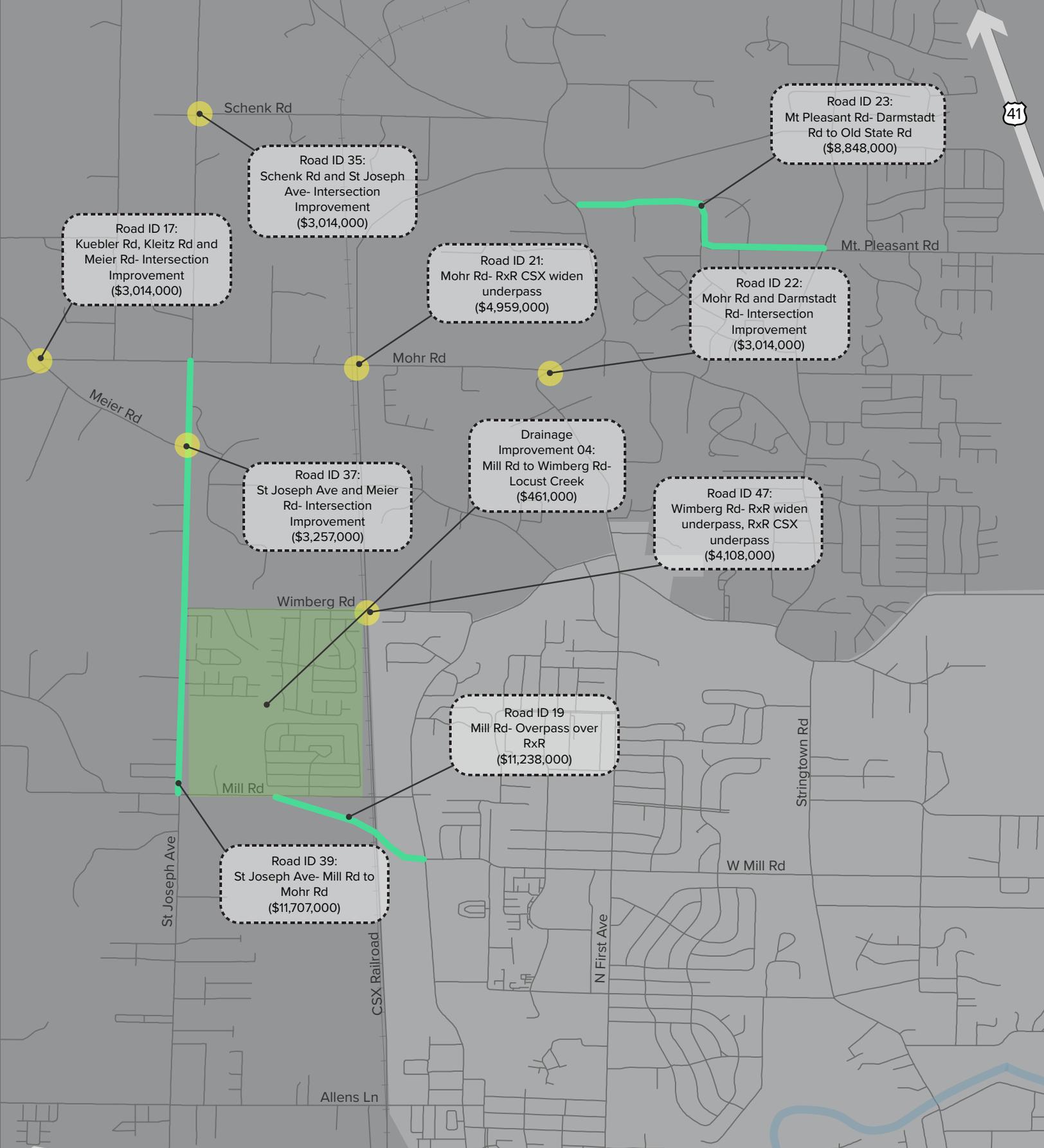


# DISTRICT 2 FUTURE PROJECTS

- Road Project
- Drainage Improvements
- Existing Roadways
- County TIF Districts
- Intersection Improvements
- Waterways
- City/Town Limits





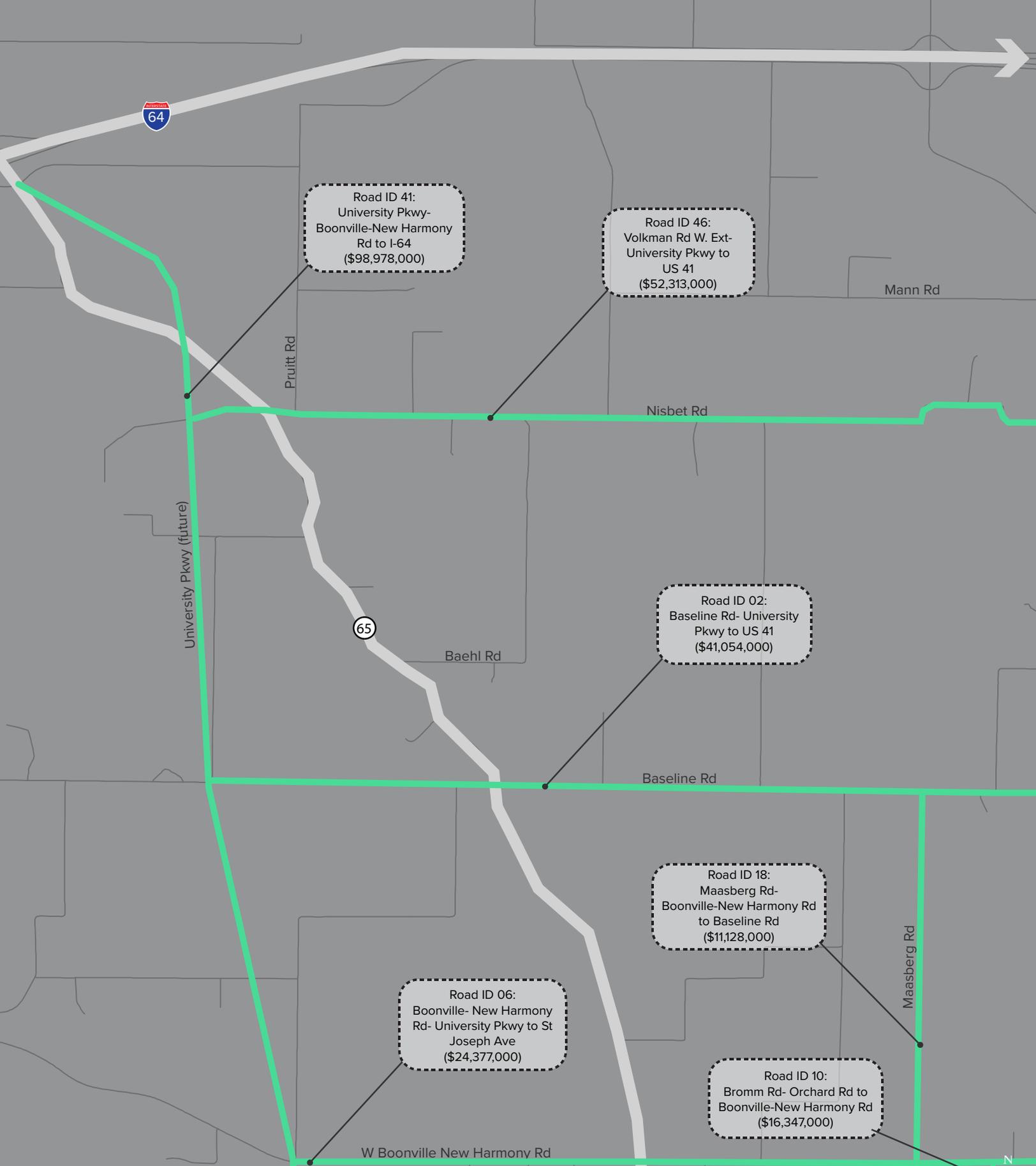


# DISTRICT 2 FUTURE PROJECTS



- Road Project
- Drainage Improvements
- Existing Roadways
- County TIF Districts
- Intersection Improvements
- Waterways
- City/Town Limits



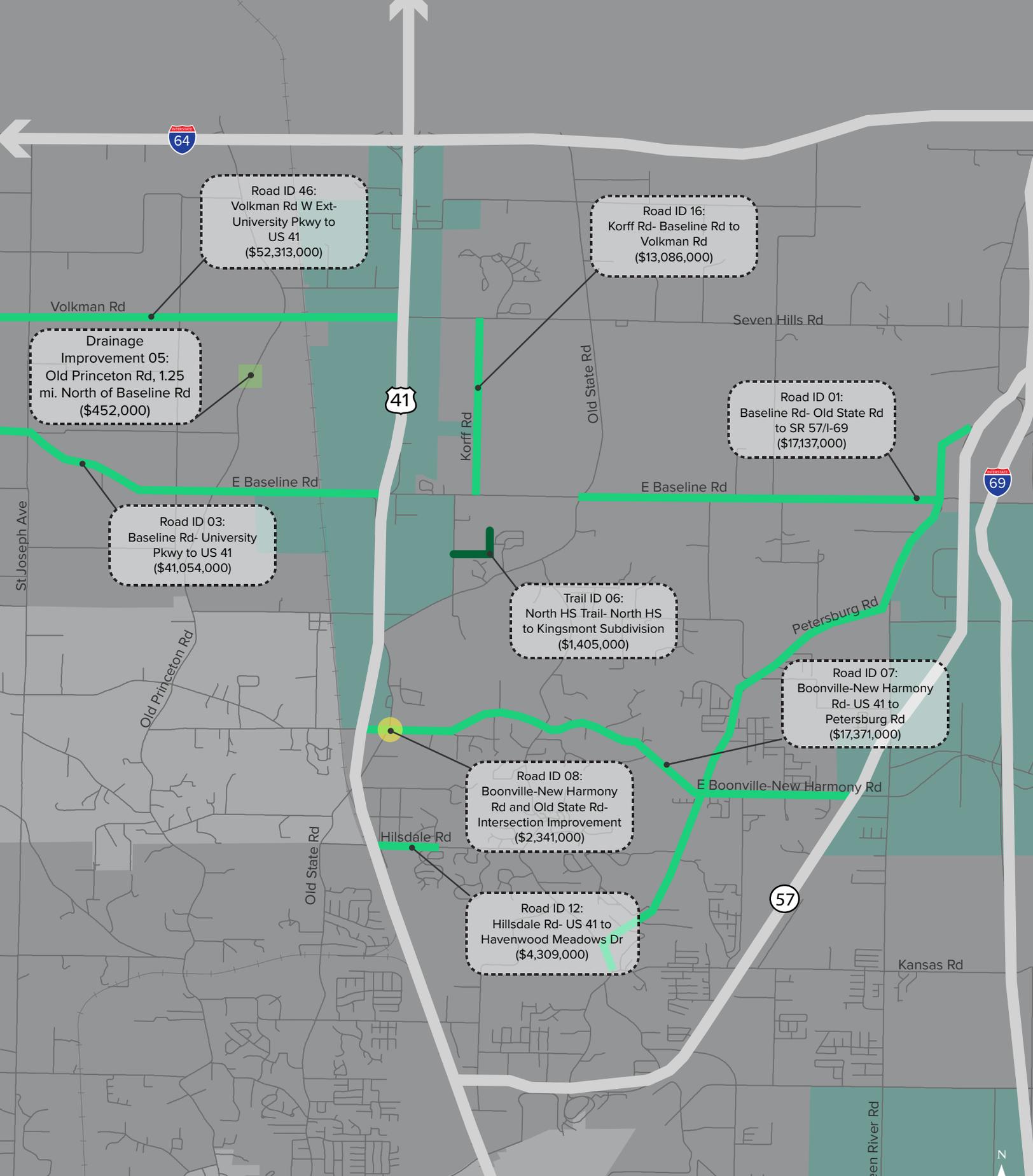


# DISTRICT 2 FUTURE PROJECTS



- Road Project
- Drainage Improvements
- Existing Roadways
- County TIF Districts
- Trail Project
- Intersection Improvements
- Waterways
- City/Town Limits



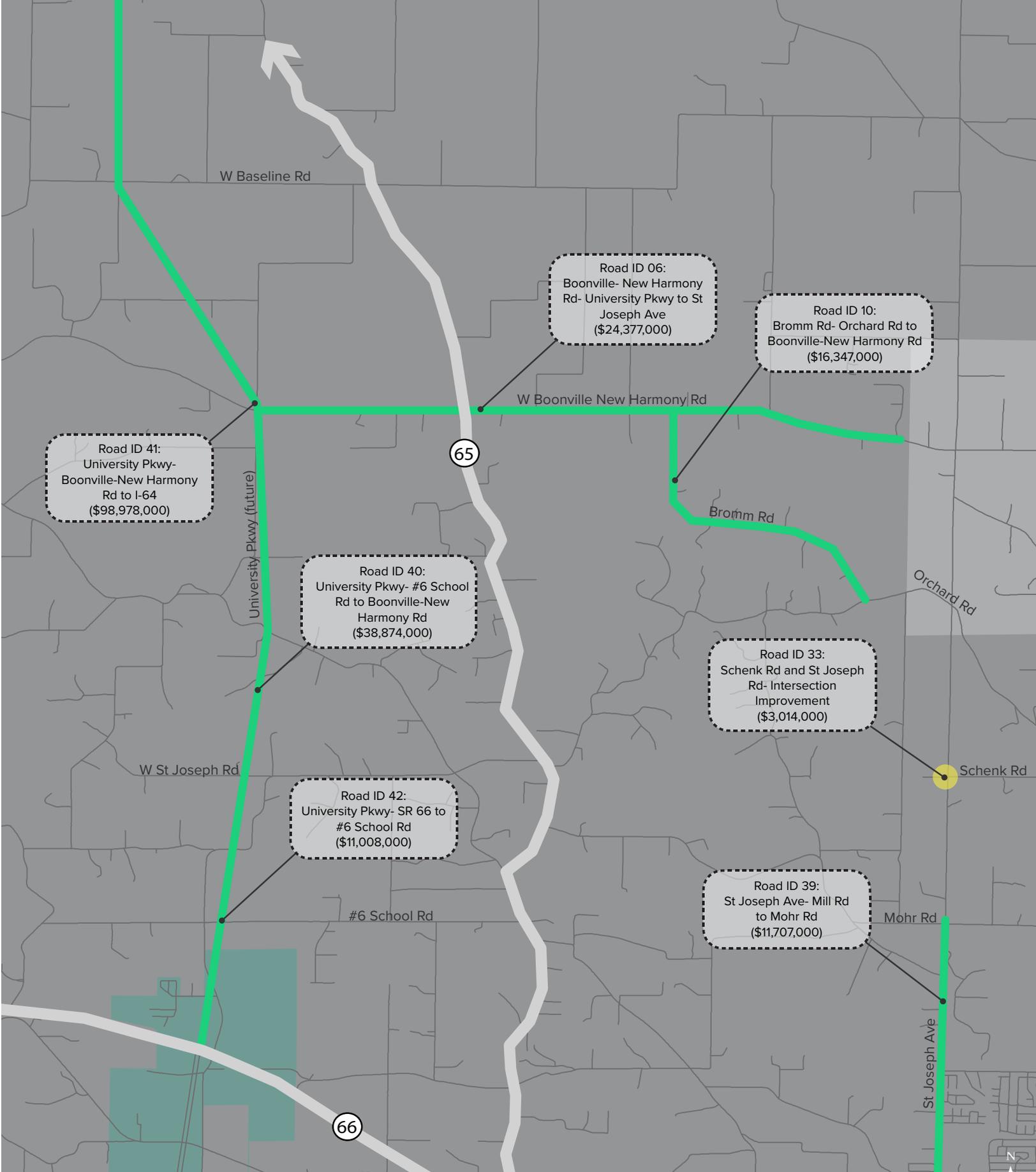


# DISTRICT 2 FUTURE PROJECTS



- Road Project
- Drainage Improvements
- Trail Project
- Intersection Improvements
- Existing Roadways
- Waterways
- County TIF Districts
- City/Town Limits



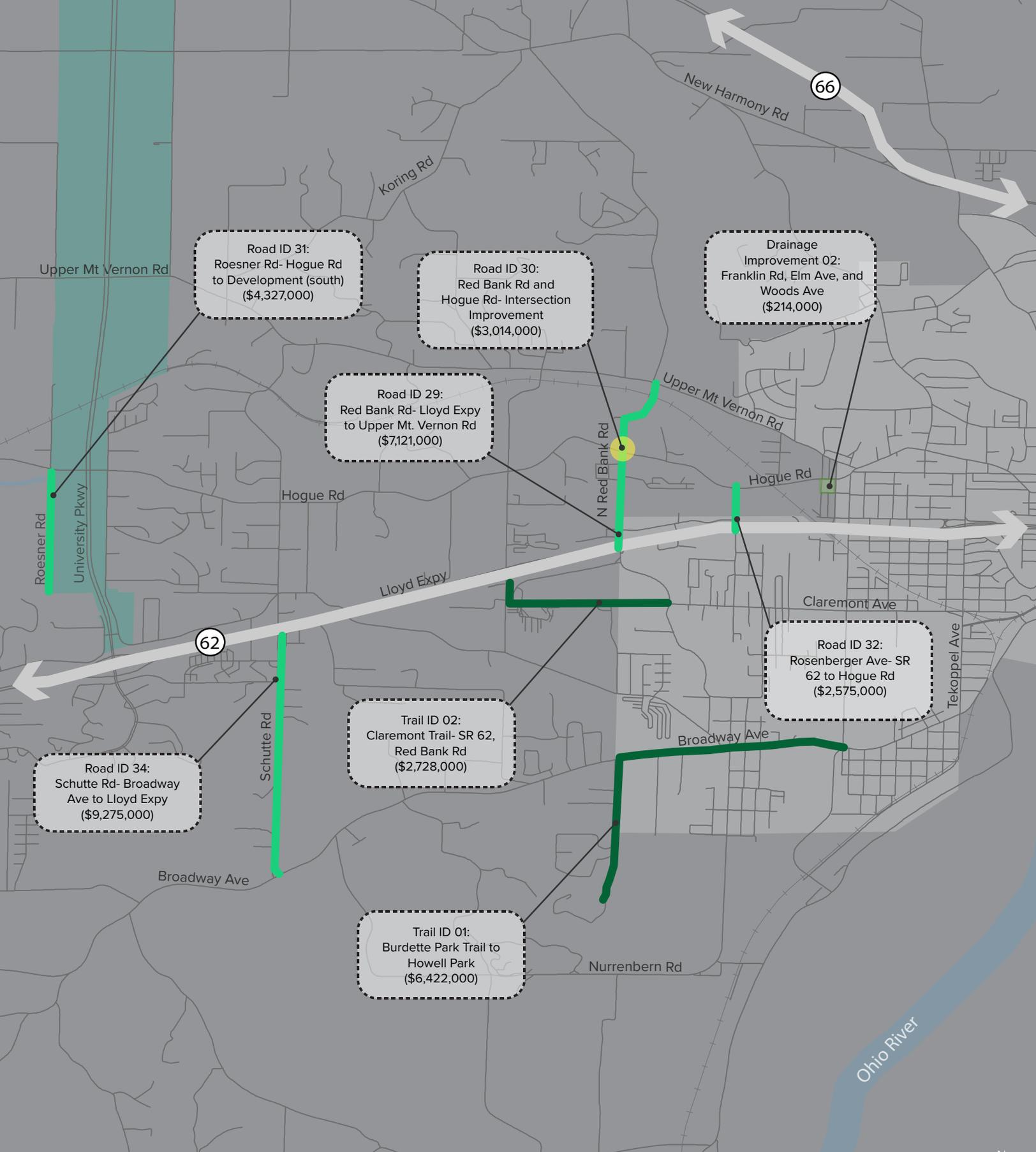


# DISTRICT 2 FUTURE PROJECTS



- Road Project
- Drainage Improvements
- Existing Roadways
- County TIF Districts
- Trail Project
- Intersection Improvements
- Waterways
- City/Town Limits





# DISTRICT 3 FUTURE PROJECTS

- Road Project
- Drainage Improvements
- Existing Roadways
- County TIF Districts
- Trail Project
- Intersection Improvements
- Waterways
- City/Town Limits





# APPENDIX B- ACCIDENT DATA



**VANDERBURGH COUNTY CIPP- ACCIDENT DATA- ROAD SEGMENTS  
2012-2016, 5 YEAR HISTORY**

ID	Project Name	Project Limits	Type	Length	Accident	Accident/ Mile/Year	Injuries	Fatalities	Pedestrian Related
01	Baseline Rd	Old State Rd to SR 57/I-69	Road - Widen	14,650	25	1.80	2	0	0
02	Baseline Rd	University Pkwy to US 41	Road - Widen	35,100	71	2.14	18	0	0
03	Baumgart Rd	Mt. Pleasant Rd to Browning Rd	Road - Reconstruct	8,700	6	0.73	2	0	0
04	Bergdolt Rd	City Limits to 1200' east of Oak Hill Rd	Road - Reconstruct	2,700	25	9.78	3	0	0
05	Boonville-New Harmony Rd	Petersburg Rd to Green River Rd	Road - Widen	7,650	96	13.25	27	0	0
06	Boonville-New Harmony Rd	University Pkwy to St. Joseph Ave	Road - Widen	20,840	63	3.19	17	1	0
07	Boonville-New Harmony Rd	US 41 to Petersburg Rd	Road - Widen	14,850	159	11.31	32	0	0
08	Boonville-New Harmony Rd and Old State Rd	Intersection improvement	Road - Intersection						
09	Boonville-New Harmony Rd and Young Rd	Intersection improvement	Road - Intersection						
10	Bromm Rd	Orchard Rd to Boonville-New Harmony Rd	Road - Reconstruct	11,440	7	0.65	2	0	0
11	Heinlein Rd	Baumgart Rd to Petersburg Rd	Road - Widen	4,770	9	1.99	1	0	0
12	Hillsdale Rd	US 41 to Havenwood Meadows Dr	Road - Reconstruct	2,940	24	8.62	3	0	1
13	Hornby Ln	Halle Dr to Green River Rd	Road - Reconstruct	2,490	0	0.00	0	0	0
14	Inglefield Rd and Old State Rd	Intersection improvement	Road - Intersection						
15	Kansas Rd	US 41 to Petersburg Rd	Road - New	7,200	113	14.68	25	0	1
16	Korff Rd	Baseline Rd to Volkman Rd	Road - Reconstruct	8,930	3	0.35	0	0	0
17	Kuebler Rd and Kleitz Rd and Meier Rd	Intersection improvement	Road - Intersection						
18	Maasberg Rd	Boonville-New Harmony Rd to Baseline Rd	Road - Reconstruct	8,965	1	0.12	0	0	0
19	Mill Rd	Overpass over RxR	Road - New	3,690	27	7.73	4	0	1
20	I-69 Interchange (Millersburg Rd or Kansas Rd)	Interchange and Connector Roads	Road - Interchange	--	--	--	--	--	--
21	Mohr Rd - RxR underpass	RxR CSX widen underpass	Bridge						
22	Mohr Rd and Darmstadt Rd	Intersection improvement	Road - Intersection						
23	Mt Pleasant Rd	Darmstadt Rd to Old State Rd	Road - Reconstruct	6,040	39	6.82	13	0	0
24	Oak Hill Rd	Lynch Rd to Heckel Rd	Road - Widen	8,410	221	36.81	55	0	0
25	Oak Hill Rd	Heckel Rd to Millersburg Rd	Road - Widen	6,270	53	5.66	16	0	1
26	Petersburg Rd	Kansas Rd to Boonville-New Harmony Rd	Road - Widen	10,040	18	1.89	4	0	0
27	Petersburg Rd	Boonville-New Harmony Rd to Baseline Rd	Road - Widen	17,700	15	0.89	3	0	0
28	Pollack Ave	Green River Rd to Warrick Co. Line	Road - Reconstruct	13,160	59	4.73	19	0	0
29	Red Bank Rd	Lloyd Expy to Upper Mt. Vernon Rd	Road - Widen	6,090	164	28.44	24	0	0
30	Red Bank Rd and Hogue Rd	Intersection improvement	Road - Intersection						
31	Roesner Rd	Hogue Rd to Development (south)	Road - Widen	3,700	2	0.57	0	0	0
32	Rosenberger Ave	SR 62 to Hogue Rd	Road - Widen	2,220	289	137.47	62	0	0
33	Schenk Rd and St Joseph Ave	Intersection improvement	Road - Intersection						
34	Schutte Rd	Broadway Ave to Lloyd Expy	Road - Widen	8,150	153	19.82	28	0	0
35	Seib Rd	Kansas Rd to Boonville-New Harmony Rd	Road - Widen	8,860	24	2.86	4	0	1
36	SR 57 Beautification	US 41 to Kansas Rd	Road - Beautification	--	--	--	--	--	--
37	St Joseph Ave and Meier Rd	Intersection improvement	Road - Intersection						
38	St. George Rd	Ossenberg Ln to Oak Hill Rd	Road - Widen	7,520	38	5.34	10	0	0
39	St. Joseph Ave	Mill Rd to Mohr Rd	Road - Widen	10,290	137	14.06	35	2	1
40	University Pkwy	#6 School Rd to Boonville-New Harmony Rd	Road - New	5,000	--	--	--	--	--
41	University Pkwy	Boonville-New Harmony Rd to I-64	Road - New	50,000	--	--	--	--	--
42	University Pkwy	SR 66 to #6 School Rd	Road - New	5,560	53	10.07	6	2	0
43	University Pkwy	Right and Left turn at major intersections	Road - Widen	6,340	221	36.81			Study Required
44	US 41 Beautification	I-64 to Airport	Road - Beautification	--	--	--	--	--	--
45	Vanderburgh/Warrick Co. Line Rd	Seven Hills Rd to Nobles Chapel Rd	Road - New	11,810	--	--	--	--	--
46	Volkman Rd W. Ext.	University Pkwy to US 41	Road - New	35,710	--	--	--	--	--
47	Wimberg Rd - RxR underpass	RxR CSX widen underpass	Bridge						



**VANDERBURGH COUNTY CIPP- ACCIDENT DATA- INTERSECTIONS  
2012-2016, 5 YEAR HISTORY**

ID	Project Name	Project Limits	Type	Length	Accidents	Injuries	Fatalities	Pedestrian Related
01	Baseline Rd	Old State Rd to SR 57/I-69	Road - Widen					
02	Baseline Rd	University Pkwy to US 41	Road - Widen					
03	Baumgart Rd	Mt. Pleasant Rd to Browning Rd	Road - Reconstruct					
04	Bergdolt Rd	City Limits to 1200' east of Oak Hill Rd	Road - Reconstruct					
05	Boonville-New Harmony Rd	Petersburg Rd to Green River Rd	Road - Widen					
06	Boonville-New Harmony Rd	University Pkwy to St. Joseph Ave	Road - Widen					
07	Boonville-New Harmony Rd	US 41 to Petersburg Rd	Road - Widen					
08	Boonville-New Harmony Rd and Old State Rd	Intersection improvement	Road - Intersection					
09	Boonville-New Harmony Rd and Young Rd	Intersection improvement	Road - Intersection	2,000	13	2	0	0
10	Bromm Rd	Orchard Rd to Boonville-New Harmony Rd	Road - Reconstruct	2,000	10	4	0	0
11	Heinlein Rd	Baumgart Rd to Petersburg Rd	Road - Widen					
12	Hillsdale Rd	US 41 to Havenwood Meadows Dr	Road - Reconstruct					
13	Hornby Ln	Halle Dr to Green River Rd	Road - Reconstruct					
14	Inglefield Rd and Old State Rd	Intersection improvement	Road - Intersection	2,000	6	0	0	0
15	Kansas Rd	US 41 to Petersburg Rd	Road - New					
16	Korff Rd	Baseline Rd to Volkman Rd	Road - Reconstruct					
17	Kuebler Rd and Kleitz Rd and Meier Rd	Intersection improvement	Road - Intersection	2,000	1	0	0	0
18	Maasberg Rd	Boonville-New Harmony Rd to Baseline Rd	Road - Reconstruct					
19	Mill Rd	Overpass over RxR	Road - New					
20	I-69 Interchange (Millersburg Rd or Kansas Rd)	Interchange and Connector Roads	Road - Interchange					
21	Mohr Rd - RxR underpass	RxR CSX widen underpass	Bridge					
22	Mohr Rd and Darmstadt Rd	Intersection improvement	Road - Intersection	2,000	19	1	0	0
23	Mt Pleasant Rd	Darmstadt Rd to Old State Rd	Road - Reconstruct					
24	Oak Hill Rd	Lynch Rd to Heckel Rd	Road - Widen					
25	Oak Hill Rd	Heckel Rd to Millersburg Rd	Road - Widen					
26	Petersburg Rd	Kansas Rd to Boonville-New Harmony Rd	Road - Widen					
27	Petersburg Rd	Boonville-New Harmony Rd to Baseline Rd	Road - Widen					
28	Pollack Ave	Green River Rd to Warrick Co. Line	Road - Reconstruct					
29	Red Bank Rd	Lloyd Expy to Upper Mt. Vernon Rd	Road - Widen					
30	Red Bank Rd and Hogue Rd	Intersection improvement	Road - Intersection	2,000	19	4	0	0
31	Roesner Rd	Hogue Rd to Development (south)	Road - Widen					
32	Rosenberger Ave	SR 62 to Hogue Rd	Road - Widen					
33	Schenk Rd and St Joseph Ave	Intersection improvement	Road - Intersection	2,000	10	0	0	0
34	Schutte Rd	Broadway Ave to Lloyd Expy	Road - Widen					
35	Seib Rd	Kansas Rd to Boonville-New Harmony Rd	Road - Widen					
36	SR 57 Beautification	US 41 to Kansas Rd	Road - Beautification					
37	St Joseph Ave and Meier Rd	Intersection improvement	Road - Intersection	2,000	3	1	1	0
38	St. George Rd	Ossenberg Ln to Oak Hill Rd	Road - Widen					
39	St. Joseph Ave	Mill Rd to Mohr Rd	Road - Widen					
40	University Pkwy	#6 School Rd to Boonville-New Harmony Rd	Road - New					
41	University Pkwy	Boonville-New Harmony Rd to I-64	Road - New					
42	University Pkwy	SR 66 to #6 School Rd	Road - New					
43	University Pkwy	Right and Left turn at major intersections	Road - Widen					
44	US 41 Beautification	I-64 to Airport	Road - Beautification					
45	Vanderburgh/Warrick Co. Line Rd	Seven Hills Rd to Nobles Chapel Rd	Road - New					
46	Volkman Rd W. Ext.	University Pkwy to US 41	Road - New					
47	Wimberg Rd - RxR underpass	RxR CSX widen underpass	Bridge					



An aerial photograph of a suburban residential area. A wide, multi-lane road runs vertically through the center of the image. The surrounding area is filled with houses, trees, and some open fields. The overall scene is in grayscale, except for a central green banner.

# APPENDIX C- PROJECT SCORING



VANDEBURGH COUNTY CIPP - PROJECT SCORING - ROADWAY INFRASTRUCTURE

Road ID	Plan ID / Proj No.	County District	Project Type	Project Name	Project Limits	Potential Funding Source	Project Cost Estimate*	Safety Improvements			Multi-Modal Benefit		Contribution to Focus Areas (land use)			Connectivity of Corridor	Non-County Funding	Project Support		Total Points	
								Accident History	Accident w/ Fatality or High Injury Rate	Mitigate Problem	Bike / Ped Facility	Bike / Ped Plan	TIF District	Industrial / Dvlmpt	Activity Center			Complete Gap	Funct. Class		Local Plan
<b>Max Points =</b>								10	15	5	5	5	15	10	5	10	5	5	10	10	<b>100</b>
01	IL-10	2	Road - Widen	Baseline Rd	Old State Rd to SR 57/I-69	State/Fed.	\$17,137,000	5	3	5	5	5	15	5	5	10	5	5	10	<b>78</b>	
02	IL-10	2	Road - Widen	Baseline Rd	University Pkwy to US 41	Local	\$41,054,000	5	10	5	5	0	15	0	0	5	5	5	10	<b>65</b>	
03	TBD	2	Road - Reconstruct	Baumgart Rd	Mt. Pleasant Rd to Browning Rd	Local	\$9,957,000	5	5	0	3	0	0	10	0	0	0	0	5	<b>28</b>	
04	TBD	2	Road - Reconstruct	Bergdolt Rd	City Limits to 1200' east of Oak Hill Rd	TIF	\$3,178,000	10	5	5	3	0	0	10	0	0	0	0	5	<b>38</b>	
05	40-5	2	Road - Widen	Boonville-New Harmony Rd	Petersburg Rd to Green River Rd	TIF	\$8,945,000	10	10	5	5	0	15	10	5	0	5	5	10	<b>80</b>	
06	IL-9	2	Road - Widen	Boonville-New Harmony Rd	University Pkwy to St. Joseph Ave	Local	\$24,377,000	5	15	5	5	0	0	0	0	5	5	10	<b>50</b>		
07	IL-9	2	Road - Widen	Boonville-New Harmony Rd	US 41 to Petersburg Rd	State/Fed.	\$17,371,000	10	10	5	5	0	15	0	5	0	5	5	10	<b>70</b>	
08	TBD	2	Road - Intersection	Boonville-New Harmony Rd and Old State Rd	Intersection Improvement	TIF	\$2,341,000	5	5	5	5	5	15	10	0	0	5	5	5	<b>65</b>	
09	TBD	2	Road - Intersection	Boonville-New Harmony Rd and Young Rd	Intersection Improvement	TIF	\$2,341,000	5	5	5	0	0	15	10	0	0	5	0	5	<b>50</b>	
10	TBD	2	Road - Reconstruct	Bromm Rd	Orchard Rd to Boonville-New Harmony Rd	Local	\$16,347,000	0	3	0	3	0	0	0	0	0	0	0	5	<b>11</b>	
11	TBD	2	Road - Widen	Heinlein Rd	Baumgart Rd to Petersburg Rd	Local	\$5,578,000	5	3	5	5	0	0	10	0	0	0	0	5	<b>33</b>	
12	TBD	2	Road - Reconstruct	Hillsdale Rd	US 41 to Havenwood Meadows Dr	Local	\$4,309,000	10	3	5	3	0	0	0	0	0	0	0	5	<b>26</b>	
13	TBD	2	Road - Reconstruct	Hornby Ln	Halle Dr to Green River Rd	Local	\$3,648,000	0	0	0	5	0	15	10	0	10	0	0	5	<b>45</b>	
14	TBD	2	Road - Intersection	Inglefield Rd and Old State Rd	Intersection Improvement	TIF	\$3,014,000	5	0	5	0	0	15	10	5	5	5	0	5	<b>55</b>	
15	TBD	2	Road - New	Kansas Rd	US 41 to Petersburg Rd	TIF	\$11,039,000	5	5	5	5	0	0	5	5	10	5	0	5	<b>50</b>	
16	TBD	2	Road - Reconstruct	Korff Rd	Baseline Rd to Volkman Rd	Local	\$13,086,000	3	0	5	5	5	15	10	5	0	0	0	5	<b>53</b>	
17	TBD	2	Road - Intersection	Kuebler Rd and Kleitz Rd and Meier Rd	Intersection Improvement	Local	\$3,014,000	3	0	5	0	0	0	0	0	0	5	0	10	<b>23</b>	
18	TBD	2	Road - Reconstruct	Maasberg Rd	Boonville-New Harmony Rd to Baseline Rd	Local	\$11,128,000	0	0	5	3	0	0	0	0	0	0	0	5	<b>13</b>	
19	TBD	2	Road - New	Mill Rd	Overpass over RxR	Local	\$11,238,000	3	5	5	0	0	0	5	5	10	5	0	5	<b>43</b>	
20	IL-15	2	Road - Interchange	I-69 Interchange (Millersburg Rd or Kansas Rd)	Interchange and Connector Roads	State/Fed.	\$31,247,000	0	0	0	5	5	15	10	5	10	5	5	10	<b>70</b>	
21	TBD	2	Bridge - Underpass	Mohr Rd - RxR underpass	RxR CSX widen underpass	Local	\$4,959,000	0	0	5	0	0	0	0	0	0	0	0	5	<b>10</b>	
22	TBD	2	Road - Intersection	Mohr Rd and Darmstadt Rd	Intersection Improvement	Local	\$3,014,000	10	5	5	0	0	0	0	0	0	5	0	10	<b>35</b>	
23	TBD	2	Road - Reconstruct	Mt. Pleasant Rd	Darmstadt Rd to Old State Rd	Local	\$8,848,000	5	10	5	0	0	0	0	0	5	0	0	5	<b>30</b>	
24	IL-1	2	Road - Widen	Oak Hill Rd	Lynch Rd to Heckel Rd	State/Fed.	\$12,896,000	10	10	5	5	5	5	10	5	10	5	5	0	<b>75</b>	
25	IL-1	2	Road - Widen	Oak Hill Rd	Heckel Rd to Millersburg Rd	State/Fed.	\$9,617,000	5	10	5	5	5	5	10	5	10	5	5	0	<b>70</b>	
26	TBD	2	Road - Widen	Petersburg Rd	Kansas Rd to Boonville-New Harmony Rd	Local	\$11,746,000	5	5	5	5	0	0	10	5	0	5	0	5	<b>45</b>	
27	TBD	2	Road - Widen	Petersburg Rd	Boonville-New Harmony Rd to Baseline Rd	TIF	\$20,704,000	5	5	5	5	0	15	10	5	0	0	0	5	<b>55</b>	
28	TBD	1	Road - Reconstruct	Pollack Ave	Green River Rd to Warrick Co. Line	Local	\$19,278,000	5	10	5	3	0	0	0	5	0	5	0	10	<b>43</b>	
29	40-4	3	Road - Widen	Red Bank Rd	Lloyd Expy to Upper Mt. Vernon Rd	State/Fed.	\$7,121,000	10	12	5	5	0	5	5	5	0	5	5	10	<b>67</b>	
30	TBD	3	Road - Intersection	Red Bank Rd and Hogue Rd	Intersection Improvement	State/Fed.	\$3,014,000	10	12	5	5	0	5	5	5	0	5	5	10	<b>67</b>	
31	TBD	3	Road - Widen	Roesner Rd	Hogue Rd to Development (south)	TIF	\$4,327,000	3	0	5	5	0	15	10	0	5	0	0	5	<b>48</b>	
32	TBD	3	Road - Widen	Rosenberger Ave	SR 62 to Hogue Rd	Local	\$2,575,000	10	12	5	0	0	0	10	0	0	5	0	5	<b>47</b>	
33	TBD	2	Road - Intersection	Schenk Rd and St Joseph Ave	Intersection Improvement	Local	\$3,014,000	5	0	5	0	0	0	0	0	0	5	0	5	<b>20</b>	
34	TBD	3	Road - Widen	Schutte Rd	Broadway Ave to Lloyd Expy	Local	\$9,275,000	10	10	5	5	0	0	0	5	0	5	0	0	<b>40</b>	
35	TBD	2	Road - Widen	Seib Rd	Kansas Rd to Boonville-New Harmony Rd	Local	\$10,130,000	5	5	5	5	0	0	10	0	0	0	0	0	<b>30</b>	
36	TBD	2	Road - Beautification	SR 57 Beautification	US 41 to Kansas Rd	Local	\$460,000	0	0	0	0	0	0	10	5	0	5	0	10	<b>30</b>	
37	TBD	2	Road - Intersection	St. Joseph Ave and Meier Rd	Intersection Improvement	Local	\$3,257,000	5	15	5	0	0	0	0	0	0	5	0	5	<b>35</b>	
38	TBD	2	Road - Widen	St. George Rd	Ossenber Ln to Oak Hill Rd	Local	\$8,799,000	5	10	5	5	0	0	10	0	0	5	0	5	<b>45</b>	
39	TBD	2	Road - Widen	St. Joseph Ave	Mill Rd to Mohr Rd	State/Fed.	\$11,707,000	10	15	5	5	0	0	0	0	5	5	0	5	<b>50</b>	
40	35-8	2	Road - New	University Pkwy	#6 School Rd to Boonville-New Harmony Rd	State/Fed.	\$38,874,000	0	0	0	5	0	15	5	0	10	5	5	10	<b>55</b>	
41	40-1	2	Road - New	University Pkwy	Boonville-New Harmony Rd to I-64	State/Fed.	\$98,978,000	0	0	0	5	0	0	5	0	10	5	5	10	<b>40</b>	
42	35-8	2	Road - New	University Pkwy**	SR 66 to #6 School Rd	State/Fed.	\$11,008,000	10	15	5	5	0	15	10	0	10	5	5	10	<b>90</b>	
43	TBD	3	Road - Widen	University Pkwy	Right and Left turn at major intersections	TIF	\$3,353,000	5	0	5	0	0	15	10	0	5	5	0	5	<b>50</b>	
44	TBD	2	Road - Beautification	US 41 Beautification	I-64 to Airport	TIF	\$460,000	0	0	0	0	0	15	10	5	0	5	0	10	<b>45</b>	
45	TBD	2	Road - New	Vanderburgh/Warrick Co. Line Rd	Seven Hills Rd to Nobles Chapel Rd	Local	\$14,932,000	0	0	0	5	0	0	5	5	10	0	0	5	<b>30</b>	
46	TBD	2	Road - New	Volkman Rd W. Ext.	University Pkwy to US 41	Local	\$52,313,000	0	0	0	5	0	15	5	0	10	0	0	5	<b>40</b>	
47	TBD	2	Bridge - Underpass	Wimberg Rd - RxR underpass	RxR CSX widen underpass	Local	\$4,108,000	0	0	5	0	0	0	0	0	0	0	0	5	<b>10</b>	
<b>TOTAL =</b>							<b>\$619,116,000</b>														

\*Total Project Cost Estimate - includes INDOT Unit Prices for 2017 Construction Dollars; 30% Construction Contingency; 15% Preliminary Engineering; 12.5% Construction Inspection; Project Contingency (% varies based on project type and location) - Land Acquisition Costs, Utility Relocations, Environmental Mitigation

**PROJECT SCORE >60**

\*\*Project has recently been approved into design development. Construction fund programming is pending appropriation at this time.

Project Type Summary:	
Road - Widen	\$226,712,000
Road - Reconstruct	\$89,779,000
Road - Intersection	\$23,009,000
Road - New	\$238,382,000
Road - Interchange	\$31,247,000
Road - Beautification	\$920,000
Bridge - Underpass	\$9,067,000
<b>SUBTOTAL =</b>	<b>\$619,116,000</b>
Trailway (see other sheets)	\$44,375,000
Drainage Improvement (see other sheets)	\$1,357,000
<b>GRAND TOTAL =</b>	<b>\$664,848,000</b>



VANDEBURGH COUNTY CIPP - PROJECT SCORING - TRAILWAY INFRASTRUCTURE

Trail ID	Plan ID / Proj No.	County District	Project Type	Project Name	Project Limits	Potential Funding Source	Project Cost Estimate*	Compliment Recent or Future Project	Project Utility	Contribution to Focus Areas (land use)			Connectivity of Corridor	Feasibility	Project Support		Total Points	
								Compliments or enhances a recently completed project	Project improves access to priority destinations	TIF District	Industrial / Dvlmpt	Activity Center	Complete Gap	Negative points if concerns about right-of-way, topography, etc.	Local Plan	Stakeholder Support		
							<b>Max Points =</b>	15	15	20	10	5	10	0	15	10	<b>100</b>	
01	TBD	3	Trail	Burdette Park Trail to Howell Park	Burdette Park to Howell Park	Local	\$6,422,000	10	15	0	0	5	10	-5	5	5	<b>45</b>	
02	TBD	3	Trail	Claremont Trail	SR 62 to Red Bank Rd	Local	\$2,728,000	0	15	0	10	5	5	0	0	5	<b>40</b>	
03	TBD	2	Trail	Green River Rd Trail**	Trail along Green River Rd - Millersburg Rd to Heckel Rd	TIF	\$3,019,000	15	15	20	10	5	10	-5	5	10	<b>85</b>	
04	TBD	2	Trail	Green River Rd Trail**	Trail along Green River Rd- Lynch Rd to Heckel Rd	TIF	\$6,789,000	15	15	20	10	0	10	-5	5	10	<b>80</b>	
05	TBD	2	Trail	McCutchanville/North Middle School Trail	East of Petersburg, north of Eagle Crossing Dr	Local	\$764,000	5	5	0	10	5	5	0	0	5	<b>35</b>	
06	TBD	2	Trail	North HS Trail	North HS to Kingsmont Subdivision	TIF	\$1,405,000	10	10	20	10	5	10	0	5	0	<b>70</b>	
07	TBD	1	Trail	Pigeon Creek Greenway	Sunrise Park to Angel Mounds Park	Local	\$23,248,000	10	15	0	10	5	10	-10	5	5	<b>50</b>	
<b>TOTAL =</b>							<b>\$44,375,000</b>											

\*Total Project Cost Estimate - includes INDOT Unit Prices for 2017 Construction Dollars; 30% Construction Contingency; 15% Preliminary Engineering; 12.5% Construction Inspection; Project Contingency (% varies based on project type and location) - Land Acquisition Costs, Utility Relocations, Environmental Mitigation

**PROJECT SCORE >60**

\*\*Project has recently been approved into design development. Construction fund programming is pending appropriation at this time.



**VANDERBURGH COUNTY CIPP - PROJECT SCORING - BRIDGE PRIORITY**

Bridge ID	Bridge Number	County District	Project Type	Project Name	Project Limits	Potential Funding Source	Project Cost Estimate*	Estimated Year of Construction	Bridge Priority Number
01	01921	2	Bridge - Replacement	St. Joseph Ave	0.6 miles N. of Mill Rd	Community Crossings/Cumulative Bridge	\$1,195,000	2018	1
02	01581	2	Bridge - Replacement	Old State Rd	0.6 miles N. of Campground Rd	Community Crossings/Cumulative Bridge	\$884,000	2019	2
03	00310	3	Bridge - Rehabilitation	Columbia - Delaware	0.2 miles W. of 7th Ave	Federal Funds/Cumulative Bridge	\$4,160,000	2019	3
04	01700	2	Bridge - Repair	Old Petersburg Rd	0.1 miles W. of US 41	Cumulative Bridge	\$29,000	2019	4
05	00620	3	Bridge - Repair	Franklin St	0.1 miles W. of 7th Ave	Federal Funds/Cumulative Bridge	\$396,000	2020	5
06	00274	3	Bridge - Replacement	Broadway Ave	0.9 miles W. of Bayou Creek Rd	Cumulative Bridge	\$752,000	2020	6
07	01431	3	Bridge - Replacement	Nurrenbern Rd	0.8 miles S. of Broadway Ave	Cumulative Bridge	\$746,000	2020	7
08	01352	2	Bridge - Rehabilitation	Mesker Park Dr	at intersection with Folz Rd	Cumulative Bridge	\$432,000	2021	8
09	00100	2	Bridge - Replacement	Adler Rd	0.1 miles W. of Old Princeton Rd	Cumulative Bridge	\$698,000	2021	9
10	02400	2	Bridge - Replacement	Walnut Rd	0.4 miles N. of Hillsdale Rd	Cumulative Bridge	\$701,000	2021	10
11	01350	2	Bridge - Replacement	Mesker Park Dr	0.6 miles N. of SR 66	Cumulative Bridge	\$940,000	2022	11
12	01580	2	Bridge - Replacement	Old State Rd	0.1 miles N. of Wortman Rd	Cumulative Bridge	\$1,042,000	2022	12
13	00252	2	Bridge - Replacement	Boonville-New Harmony Rd	0.9 miles W. of St. Joseph Ave	Cumulative Bridge	\$663,000	2023	13
14	02430	2	Bridge - Replacement	Wimberg Rd	0.1 miles E. of St. Joseph Ave	Cumulative Bridge	\$701,000	2023	14
15	01911	2	Bridge - Replacement	St. Joseph Rd	at intersection with Neu Rd	Cumulative Bridge	\$708,000	2023	15
16	01540	3	Bridge - Replacement	Old Henderson Rd	0.4 miles W. of Happe Rd	Cumulative Bridge	\$744,000	2024	16
17	01950	2	Bridge - Replacement	Schlensker Rd	at intersection with McCutchan Rd	Cumulative Bridge	\$776,000	2024	17
18	00810	2	Bridge - Repair	Heckel Rd	0.5 miles E. of Green River Rd	Cumulative Bridge	\$480,000	2024	18
19	01583	2	Bridge - Repair	Old State Rd	0.5 miles N. of Mt. Pleasant Rd	Cumulative Bridge	\$304,000	2025	19
20	00400	2	Bridge - Repair	Darmstadt Rd	0.1 miles S. of Orchard Rd	Cumulative Bridge	\$304,000	2025	20
<b>TOTAL =</b>							<b>\$16,655,000</b>		

\*Total Project Cost Estimate - includes INDOT Unit Prices for 2017 Construction Dollars; 30% Construction Contingency; 15% Preliminary Engineering; 12.5% Construction Inspection; Project Contingency (estimated 2.5%) - Land Acquisition Costs, Utility Relocations, Environmental Mitigation

Project Type Summary:		
Bridge - Replacement		\$10,550,000
Bridge - Rehabilitation		\$4,592,000
Bridge - Repair		\$1,513,000
<b>GRAND TOTAL =</b>		<b>\$16,655,000</b>

NOTE: The priority schedule for the repair or replacement of existing Vanderburgh County bridges will be determined every two years as a part of the biannual bridge inspection program. Since these inspections and subsequent reports could change the priorities of the bridges in any given year, these bridge projects were excluded in the priority schedules for the proposed road and bridge projects stated elsewhere in this report. Culverts were also excluded from the priority schedules since the County does not currently have a prioritized listing of upcoming culvert replacement projects. The County has an inventory of over 2000 culverts 36" and greater in size, and the culverts with known problems are evaluated each year. If one of these annual inspections of the culverts indicates that a culvert must be replaced, it is added into the budget at the time of the inspection.





**APPENDIX D-  
PROJECT COST  
ESTIMATES**



# ROAD 01

**LOCATION:** BASELINE RD, OLD STATE RD TO SR 57/I-69

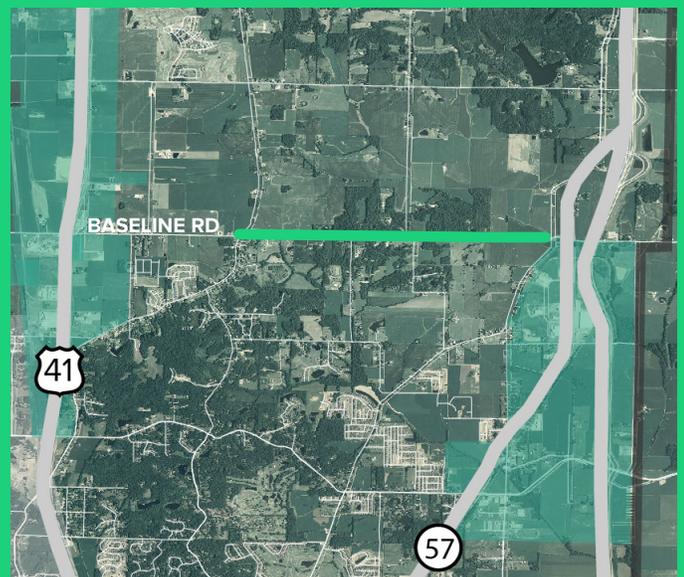
**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 78

**OVERALL COST:** \$17,137,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		14650	LFT	\$494	\$7,237,100
Construction Engineering	105	1	LS	\$188,000	\$188,000
Mobilization and Demobilization	110	1	LS	\$470,000	\$470,000
Clearing Right of Way	201	1	LS	\$188,000	\$188,000
Stormwater Management Budget	205	1	LS	\$188,000	\$188,000
Drainage	720	1	LS	\$470,000	\$470,000
Signage and Pavement Markings	800	1	LS	\$188,000	\$188,000
Maintaining Traffic	801	1	LS	\$470,000	\$470,000

DESCRIPTION	COST
Construction Subtotal	\$9,399,100
30.0% Contingency	\$2,820,000
Estimated Total- Construction	\$12,219,000
Preliminary Engineering- 15.0%	\$1,833,000
Construction Inspection- 12.5%	\$1,527,000
Project subtotal	\$15,579,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs,Utility Relocations, Environmental Mitigation	10%
	\$1,558,000
Project Total	\$17,137,000



# ROAD 02

**LOCATION:** BASELINE RD, UNIVERSITY PKWY TO US 41

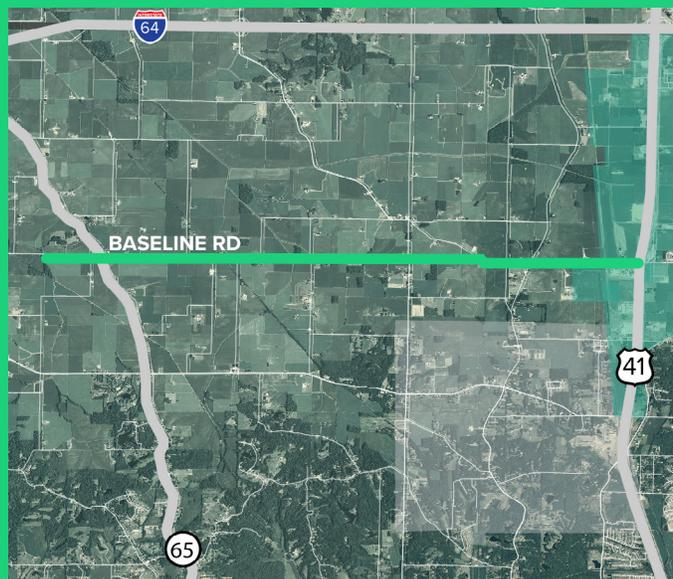
**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 65

**OVERALL COST:** \$41,054,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		35100	LFT	\$494	\$17,339,400
Construction Engineering	105	1	LS	\$450,000	\$450,000
Mobilization and Demobilization	110	1	LS	\$1,126,000	\$1,126,000
Clearing Right of Way	201	1	LS	\$450,000	\$450,000
Stormwater Management Budget	205	1	LS	\$450,000	\$450,000
Drainage	720	1	LS	\$1,126,000	\$1,126,000
Signage and Pavement Markings	800	1	LS	\$450,000	\$450,000
Maintaining Traffic	801	1	LS	\$1,126,000	\$1,126,000

DESCRIPTION	COST
Construction Subtotal	\$22,517,400
30.0% Contingency	\$6,755,000
Estimated Total- Construction	\$29,272,000
Preliminary Engineering- 15.0%	\$4,391,000
Construction Inspection- 12.5%	\$3,659,000
Project subtotal	\$37,322,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$3,732,000
Project Total	\$41,054,000



# ROAD 03

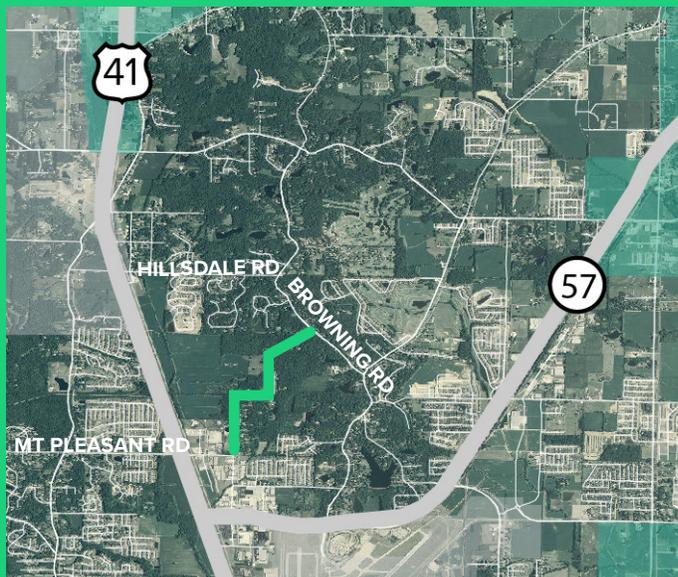
**LOCATION:** BAUMGART RD, MT. PLEASANT RD TO BROWNING RD

**DESCRIPTION:** ROADWAY RECONSTRUCTION, 2 LANES, CURB AND GUTTER

**PROJECT SCORING:** 28

**OVERALL COST:** \$9,957,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 2 lanes, curb & gutter		8700	LFT	\$497	\$4,323,900
Construction Engineering	105	1	LS	\$112,000	\$112,000
Mobilization and Demobilization	110	1	LS	\$281,000	\$281,000
Clearing Right of Way	201	1	LS	\$112,000	\$112,000
Stormwater Management Budget	205	1	LS	\$112,000	\$112,000
Drainage	720	1	LS	\$281,000	\$281,000
Signage and Pavement Markings	800	1	LS	\$112,000	\$112,000
Maintaining Traffic	801	1	LS	\$281,000	\$281,000



DESCRIPTION	COST
Construction Subtotal	\$5,614,900
30.0% Contingency	\$1,684,000
Estimated Total- Construction	\$7,299,000
Preliminary Engineering- 15.0%	\$1,095,000
Construction Inspection- 12.5%	\$912,000
Project subtotal	\$9,306,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$651,000
Project Total	\$9,957,000

# ROAD 04

**LOCATION:** BERGDOLT RD, CITY LIMITS TO 1200' EAST OF OAK HILL RD

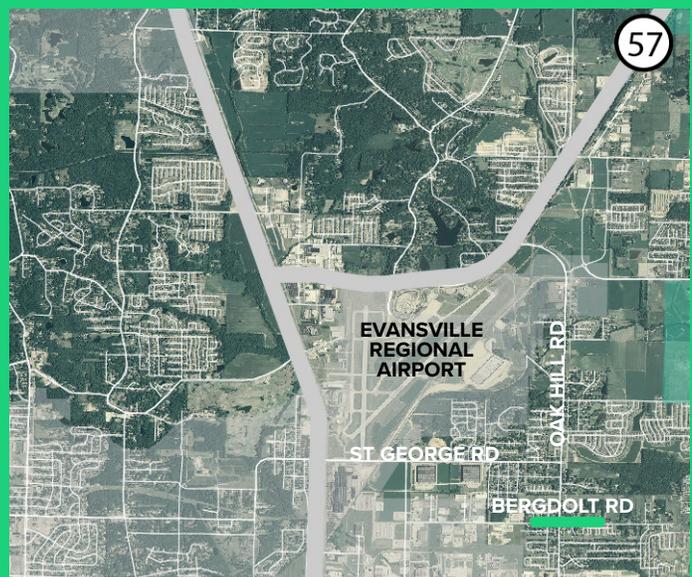
**DESCRIPTION:** ROADWAY RECONSTRUCTION, 2 LANES, CURB AND GUTTER

**PROJECT SCORING:** 38

**OVERALL COST:** \$3,178,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 2 lane, curb & gutter		2700	LFT	\$497	\$1,341,900
Construction Engineering	105	1	LS	\$35,000	\$35,000
Mobilization and Demobilization	110	1	LS	\$87,000	\$87,000
Clearing Right of Way	201	1	LS	\$35,000	\$35,000
Stormwater Management Budget	205	1	LS	\$35,000	\$35,000
Drainage	720	1	LS	\$87,000	\$87,000
Signage and Pavement Markings	800	1	LS	\$35,000	\$35,000
Maintaining Traffic	801	1	LS	\$87,000	\$87,000

DESCRIPTION	COST
Construction Subtotal	\$1,742,900
30.0% Contingency	\$523,000
Estimated Total- Construction	\$2,266,000
Preliminary Engineering- 15.0%	\$340,000
Construction Inspection- 12.5%	\$283,000
Project subtotal	\$2,889,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$289,000
Project Total	\$3,178,000



# ROAD 05

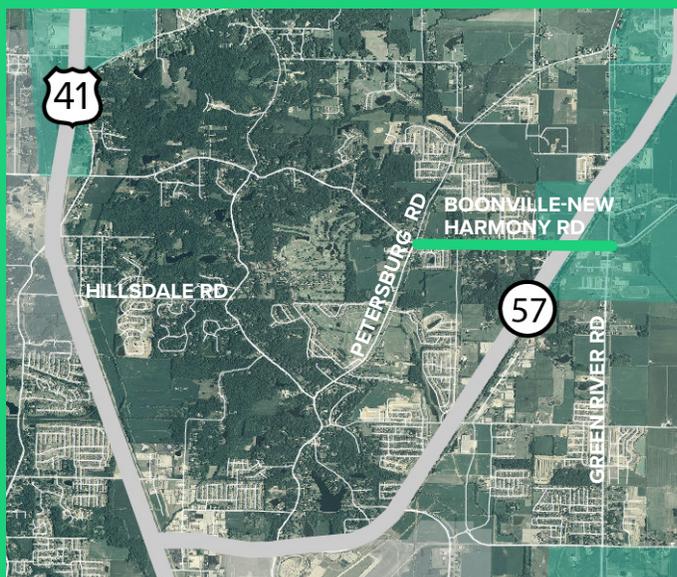
**LOCATION:** BOONVILLE-NEW HARMONY RD, PETERSBURG RD TO GREEN RIVER RD

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 80

**OVERALL COST:** \$8,945,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		7650	LFT	\$494	\$3,779,100
Construction Engineering	105	1	LS	\$98,000	\$98,000
Mobilization and Demobilization	110	1	LS	\$245,000	\$245,000
Clearing Right of Way	201	1	LS	\$98,000	\$98,000
Stormwater Management Budget	205	1	LS	\$98,000	\$98,000
Drainage	720	1	LS	\$245,000	\$245,000
Signage and Pavement Markings	800	1	LS	\$98,000	\$98,000
Maintaining Traffic	801	1	LS	\$245,000	\$245,000



DESCRIPTION	COST
Construction Subtotal	\$4,906,100
30.0% Contingency	\$1,472,000
Estimated Total- Construction	\$6,378,000
Preliminary Engineering- 15.0%	\$957,000
Construction Inspection- 12.5%	\$797,000
Project subtotal	\$8,132,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$813,000
Project Total	\$8,945,000

# ROAD 06

**LOCATION:** BOONVILLE-NEW HARMONY RD, UNIVERSITY PKWY TO ST JOSEPH AVE

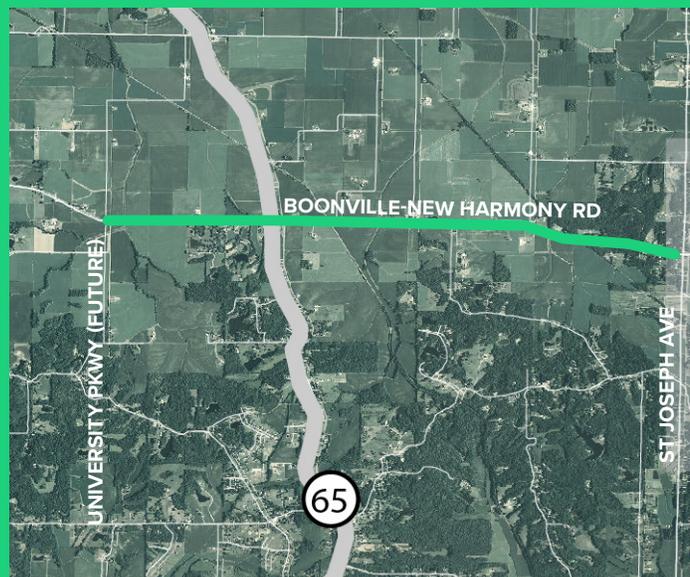
**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 50

**OVERALL COST:** \$24,377,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		20840	LFT	\$494	\$10,294,960
Construction Engineering	105	1	LS	\$267,000	\$267,000
Mobilization and Demobilization	110	1	LS	\$669,000	\$669,000
Clearing Right of Way	201	1	LS	\$267,000	\$267,000
Stormwater Management Budget	205	1	LS	\$267,000	\$267,000
Drainage	720	1	LS	\$669,000	\$669,000
Signage and Pavement Markings	800	1	LS	\$267,000	\$267,000
Maintaining Traffic	801	1	LS	\$669,000	\$669,000

DESCRIPTION	COST
Construction Subtotal	\$13,369,960
30.0% Contingency	\$4,011,000
Estimated Total- Construction	\$17,381,000
Preliminary Engineering- 15.0%	\$2,607,000
Construction Inspection- 12.5%	\$2,173,000
Project subtotal	\$22,161,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$2,216,000
Project Total	\$24,377,000



# ROAD 07

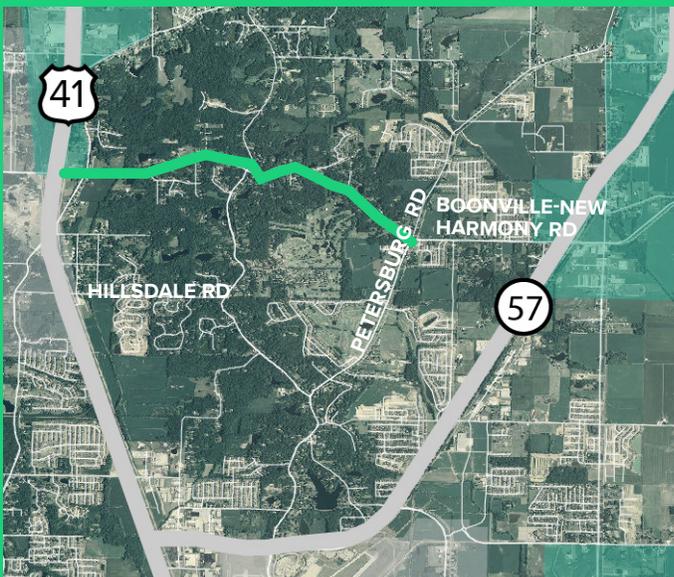
**LOCATION:** BOONVILLE-NEW HARMONY RD, US 41 TO PETERSBURG RD

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 70

**OVERALL COST:** \$17,371,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		14850	LFT	\$494	\$7,335,900
Construction Engineering	105	1	LS	\$191,000	\$191,000
Mobilization and Demobilization	110	1	LS	\$476,000	\$476,000
Clearing Right of Way	201	1	LS	\$191,000	\$191,000
Stormwater Management Budget	205	1	LS	\$191,000	\$191,000
Drainage	720	1	LS	\$476,000	\$476,000
Signage and Pavement Markings	800	1	LS	\$191,000	\$191,000
Maintaining Traffic	801	1	LS	\$476,000	\$476,000



DESCRIPTION	COST
Construction Subtotal	\$9,527,900
30.0% Contingency	\$2,858,000
Estimated Total- Construction	\$12,386,000
Preliminary Engineering- 15.0%	\$1,858,000
Construction Inspection- 12.5%	\$1,548,000
Project subtotal	\$15,792,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$1,579,000
Project Total	\$17,371,000

# ROAD 08

**LOCATION:** BOONVILLE-NEW HARMONY RD AND OLD STATE RD, INTERSECTION IMPROVEMENT

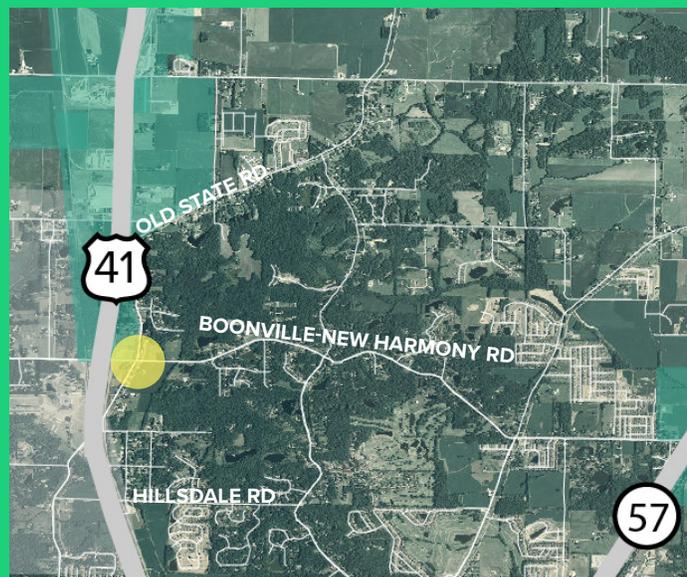
**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 65

**OVERALL COST:** \$2,341,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway widening, 2-3 lanes, shoulder/ditch		2000	LFT	\$494	\$988,000
Construction Engineering	105	1	LS	\$26,000	\$26,000
Mobilization and Demobilization	110	1	LS	\$64,000	\$64,000
Clearing Right of Way	201	1	LS	\$26,000	\$26,000
Stormwater Management Budget	205	1	LS	\$26,000	\$26,000
Drainage	720	1	LS	\$64,000	\$64,000
Signage and Pavement Markings	800	1	LS	\$26,000	\$26,000
Maintaining Traffic	801	1	LS	\$64,000	\$64,000

DESCRIPTION	COST
Construction Subtotal	\$1,284,000
30.0% Contingency	\$385,000
Estimated Total- Construction	\$1,669,000
Preliminary Engineering- 15.0%	\$250,000
Construction Inspection- 12.5%	\$209,000
Project subtotal	\$2,128,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$213,000
Project Total	\$2,341,000



# ROAD 09

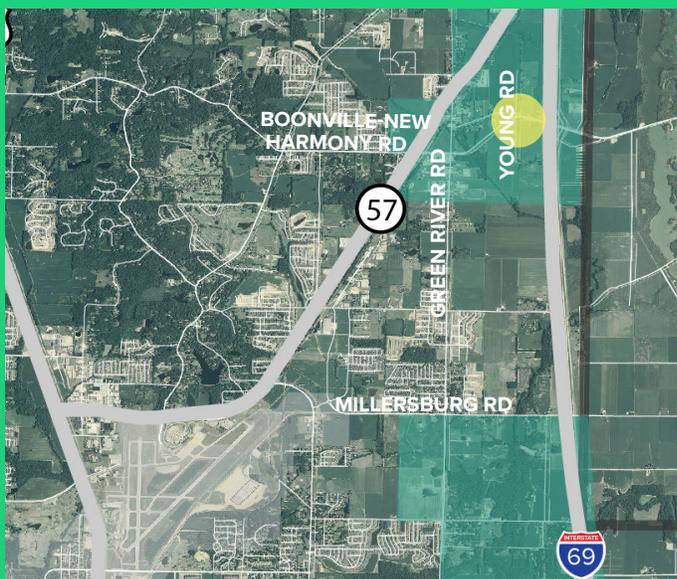
**LOCATION:** BOONVILLE-NEW HARMONY RD AND YOUNG RD, INTERSECTION IMPROVEMENT

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 50

**OVERALL COST:** \$2,341,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		2000	LFT	\$494	\$988,000
Construction Engineering	105	1	LS	\$26,000	\$26,000
Mobilization and Demobilization	110	1	LS	\$64,000	\$64,000
Clearing Right of Way	201	1	LS	\$26,000	\$26,000
Stormwater Management Budget	205	1	LS	\$26,000	\$26,000
Drainage	720	1	LS	\$64,000	\$64,000
Signage and Pavement Markings	800	1	LS	\$26,000	\$26,000
Maintaining Traffic	801	1	LS	\$64,000	\$64,000



DESCRIPTION	COST
Construction Subtotal	\$1,284,000
30.0% Contingency	\$385,000
Estimated Total- Construction	\$1,669,000
Preliminary Engineering- 15.0%	\$250,000
Construction Inspection- 12.5%	\$209,000
Project subtotal	\$2,128,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$213,000
Project Total	\$2,341,000

# ROAD 10

**LOCATION:** BROMM RD, ORCHARD RD TO BOONVILLE-NEW HARMONY RD

**DESCRIPTION:** ROADWAY RECONSTRUCTION. 3 LANES, SHOULDER/ DITCH

**PROJECT SCORING:** 11

**OVERALL COST:** \$16,347,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction, 3 lanes, shoulder/ditch		10510	LFT	\$688	\$7,230,880
Construction Engineering	105	1	LS	\$188,000	\$188,000
Mobilization and Demobilization	110	1	LS	\$470,000	\$470,000
Clearing Right of Way	201	1	LS	\$188,000	\$188,000
Stormwater Management Budget	205	1	LS	\$188,000	\$188,000
Drainage	720	1	LS	\$470,000	\$470,000
Signage and Pavement Markings	800	1	LS	\$188,000	\$188,000
Maintaining Traffic	801	1	LS	\$470,000	\$470,000

DESCRIPTION	COST
Construction Subtotal	\$9,392,000
30.0% Contingency	\$2,818,000
Estimated Total- Construction	\$12,211,000
Preliminary Engineering- 15.0%	\$1,832,000
Construction Inspection- 12.5%	\$1,526,000
Project subtotal	\$15,569,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	5%
	\$778,000
Project Total	\$16,347,000



# ROAD 11

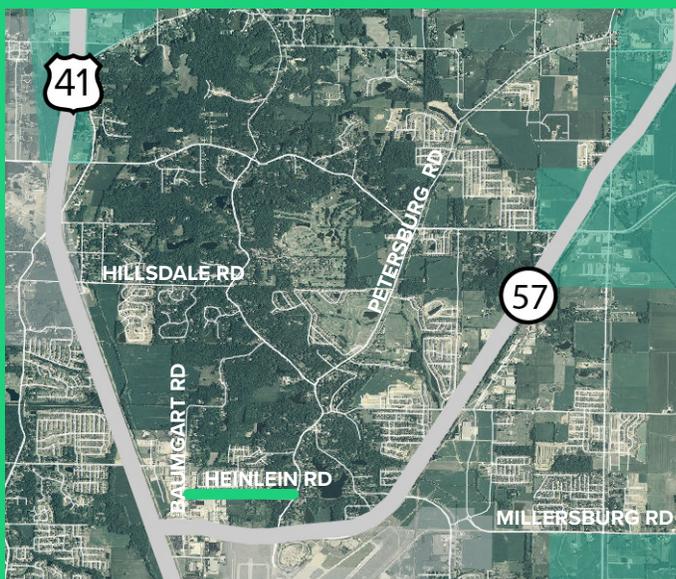
**LOCATION:** HEINLEIN RD, BAUMGART RD TO PETERSBURG RD

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 33

**OVERALL COST:** \$5,578,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		4770	LFT	\$494	\$2,356,380
Construction Engineering	105	1	LS	\$61,000	\$61,000
Mobilization and Demobilization	110	1	LS	\$153,000	\$153,000
Clearing Right of Way	201	1	LS	\$61,000	\$61,000
Stormwater Management Budget	205	1	LS	\$61,000	\$61,000
Drainage	720	1	LS	\$153,000	\$153,000
Signage and Pavement Markings	800	1	LS	\$61,000	\$61,000
Maintaining Traffic	801	1	LS	\$153,000	\$153,000



DESCRIPTION	COST
Construction Subtotal	\$3,059,380
30.0% Contingency	\$918,000
Estimated Total- Construction	\$3,977,000
Preliminary Engineering- 15.0%	\$597,000
Construction Inspection- 12.5%	\$497,000
Project subtotal	\$5,071,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$507,000
Project Total	\$5,578,000

# ROAD 12

**LOCATION:** HILLSDALE RD, US 41 TO HAVENWOOD MEADOWS DR

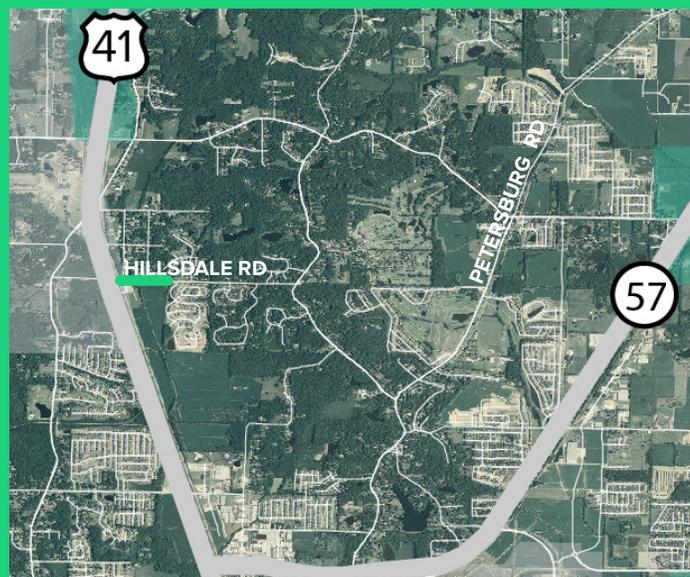
**DESCRIPTION:** ROADWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 26

**OVERALL COST:** \$4,309,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction, 3 lanes, curb & gutter		2940	LFT	\$636	\$1,869,840
Construction Engineering	105	1	LS	\$49,000	\$49,000
Mobilization and Demobilization	110	1	LS	\$121,000	\$121,000
Clearing Right of Way	201	1	LS	\$49,000	\$49,000
Stormwater Management Budget	205	1	LS	\$49,000	\$49,000
Drainage	720	1	LS	\$121,000	\$121,000
Signage and Pavement Markings	800	1	LS	\$49,000	\$49,000
Maintaining Traffic	801	1	LS	\$121,000	\$121,000

DESCRIPTION	COST
Construction Subtotal	\$2,428,840
30.0% Contingency	\$729,000
Estimated Total- Construction	\$3,158,000
Preliminary Engineering- 15.0%	\$474,000
Construction Inspection- 12.5%	\$395,000
Project subtotal	\$4,027,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$282,000
Project Total	\$4,309,000



# ROAD 13

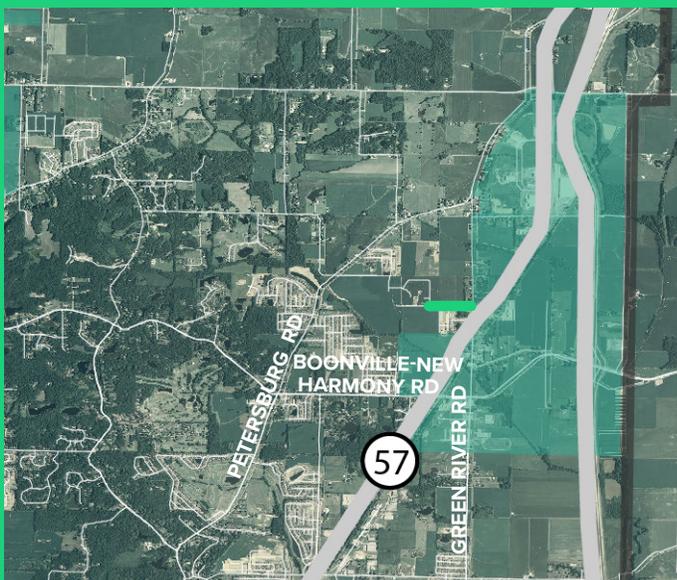
**LOCATION:** HORNBY LN, HALLE DR TO GREEN RIVER RD

**DESCRIPTION:** ROADWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 45

**OVERALL COST:** \$3,648,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lane, curb & gutter		2490	LFT	\$636	\$1,583,640
Construction Engineering	105	1	LS	\$41,000	\$41,000
Mobilization and Demobilization	110	1	LS	\$103,000	\$103,000
Clearing Right of Way	201	1	LS	\$41,000	\$41,000
Stormwater Management Budget	205	1	LS	\$41,000	\$41,000
Drainage	720	1	LS	\$103,000	\$103,000
Signage and Pavement Markings	800	1	LS	\$41,000	\$41,000
Maintaining Traffic	801	1	LS	\$103,000	\$103,000



DESCRIPTION	COST
Construction Subtotal	\$2,056,640
30.0% Contingency	\$617,000
Estimated Total- Construction	\$2,674,000
Preliminary Engineering- 15.0%	\$401,000
Construction Inspection- 12.5%	\$334,000
Project subtotal	\$3,409,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$239,000
Project Total	\$3,648,000

# ROAD 14

**LOCATION:** INGLEFIELD RD AND OLD STATE RD, INTERSECTION IMPROVEMENT

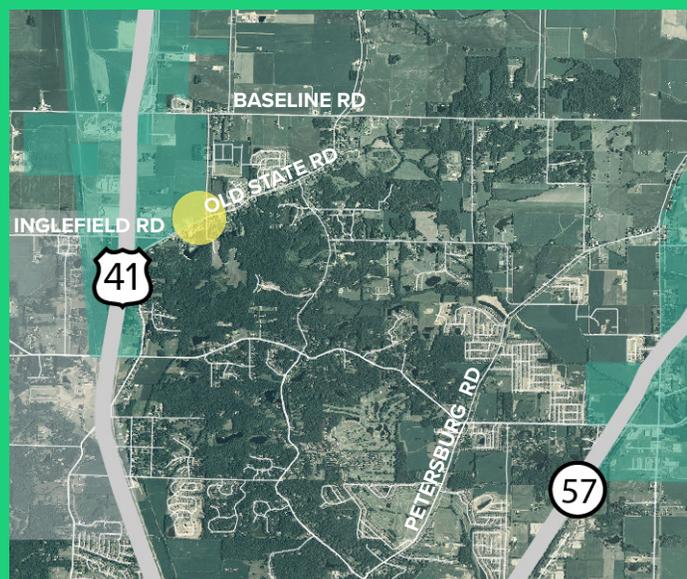
**DESCRIPTION:** ROADWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 55

**OVERALL COST:** \$3,014,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction, 3 lanes, curb & gutter		2000	LFT	\$636	\$1,272,000
Construction Engineering	105	1	LS	\$33,000	\$33,000
Mobilization and Demobilization	110	1	LS	\$83,000	\$83,000
Clearing Right of Way	201	1	LS	\$33,000	\$33,000
Stormwater Management Budget	205	1	LS	\$33,000	\$33,000
Drainage	720	1	LS	\$83,000	\$83,000
Signage and Pavement Markings	800	1	LS	\$33,000	\$33,000
Maintaining Traffic	801	1	LS	\$83,000	\$83,000

DESCRIPTION	COST
Construction Subtotal	\$1,653,000
30.0% Contingency	\$496,000
Estimated Total- Construction	\$2,149,000
Preliminary Engineering- 15.0%	\$322,000
Construction Inspection- 12.5%	\$269,000
Project subtotal	\$2,740,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$274,000
Project Total	\$3,014,000



# ROAD 15

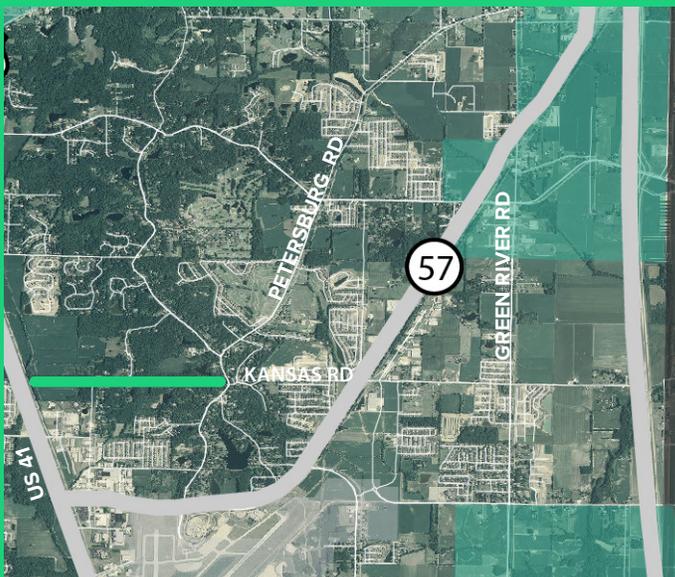
**LOCATION:** KANSAS RD, US 41 TO PETERSBURG RD

**DESCRIPTION:** ROADWAY, NEW/CONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 50

**OVERALL COST:** \$11,039,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, curb & gutter		7200	LFT	\$636	\$4,579,000
Construction Engineering	105	1	LS	\$119,000	\$119,000
Mobilization and Demobilization	110	1	LS	\$297,000	\$297,000
Clearing Right of Way	201	1	LS	\$119,000	\$119,000
Stormwater Management Budget	205	1	LS	\$119,000	\$119,000
Drainage	720	1	LS	\$297,000	\$297,000
Signage and Pavement Markings	800	1	LS	\$119,000	\$119,000
Maintaining Traffic	801	1	LS	\$297,000	\$297,000



DESCRIPTION	COST
Construction Subtotal	\$5,946,200
30.0% Contingency	\$1,784,000
Estimated Total- Construction	\$7,730,000
Preliminary Engineering- 15.0%	\$1,160,000
Construction Inspection- 12.5%	\$966,000
Project subtotal	\$9,856,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	12%
	\$1,183,000
Project Total	\$11,039,000

# ROAD 16

**LOCATION:** KORFF RD, BASELINE RD TO VOLKMAN RD

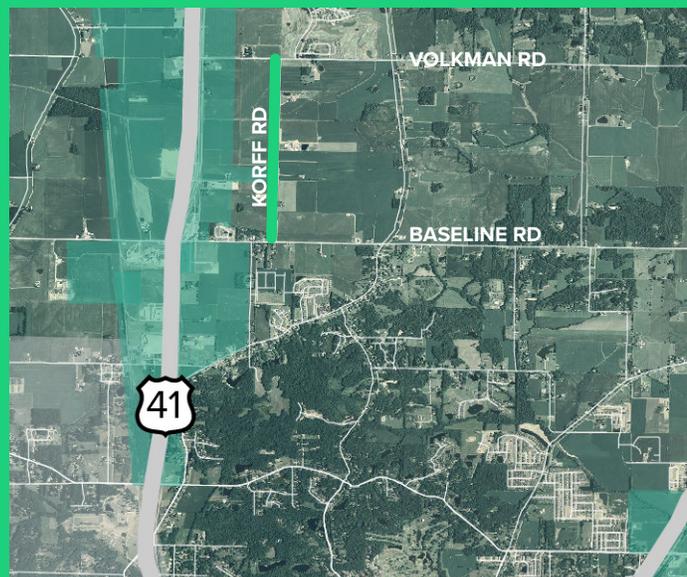
**DESCRIPTION:** ROAWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 53

**OVERALL COST:** \$13,086,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction, 3 lanes, curb & gutter		8930	LFT	\$636	\$5,676,480
Construction Engineering	105	1	LS	\$148,000	\$148,000
Mobilization and Demobilization	110	1	LS	\$369,000	\$369,000
Clearing Right of Way	201	1	LS	\$148,000	\$148,000
Stormwater Management Budget	205	1	LS	\$148,000	\$148,000
Drainage	720	1	LS	\$369,000	\$369,000
Signage and Pavement Markings	800	1	LS	\$148,000	\$148,000
Maintaining Traffic	801	1	LS	\$369,000	\$369,000

DESCRIPTION	COST
Construction Subtotal	\$7,378,480
30.0% Contingency	\$2,214,000
Estimated Total- Construction	\$9,592,000
Preliminary Engineering- 15.0%	\$1,439,000
Construction Inspection- 12.5%	\$1,199,000
Project subtotal	\$12,230,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$856,000
Project Total	\$13,086,000



# ROAD 17

**LOCATION:** KUEBLER RD AND KLEITZ RD AND MEIER RD, INTERSECTION IMPROVEMENT

**DESCRIPTION:** ROADWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 23

**OVERALL COST:** \$3,014,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, curb & gutter		2000	LFT	\$636	\$1,272,000
Construction Engineering	105	1	LS	\$33,000	\$33,000
Mobilization and Demobilization	110	1	LS	\$83,000	\$83,000
Clearing Right of Way	201	1	LS	\$33,000	\$33,000
Stormwater Management Budget	205	1	LS	\$33,000	\$33,000
Drainage	720	1	LS	\$83,000	\$83,000
Signage and Pavement Markings	800	1	LS	\$33,000	\$33,000
Maintaining Traffic	801	1	LS	\$83,000	\$83,000



DESCRIPTION	COST
Construction Subtotal	\$1,653,000
30.0% Contingency	\$496,000
Estimated Total- Construction	\$2,149,000
Preliminary Engineering- 15.0%	\$322,000
Construction Inspection- 12.5%	\$269,000
Project subtotal	\$2,740,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$274,000
Project Total	\$3,014,000

# ROAD 18

**LOCATION:** MAASBERG RD, BOONVILLE-NEW HARMONY RD TO BASELINE RD

**DESCRIPTION:** ROADWAY RECONSTRUCTION, 2 LANES, SHOULDER/ DITCH

**PROJECT SCORING:** 13

**OVERALL COST:** \$11,128,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction. 2 lanes, shoulder/ditch		8965	LFT	\$549	\$4,921,785
Construction Engineering	105	1	LS	\$128,000	\$128,000
Mobilization and Demobilization	110	1	LS	\$320,000	\$320,000
Clearing Right of Way	201	1	LS	\$128,000	\$128,000
Stormwater Management Budget	205	1	LS	\$128,000	\$128,000
Drainage	720	1	LS	\$320,000	\$320,000
Signage and Pavement Markings	800	1	LS	\$128,000	\$128,000
Maintaining Traffic	801	1	LS	\$320,000	\$320,000

DESCRIPTION	COST
Construction Subtotal	\$6,393,785
30.0% Contingency	\$1,918,000
Estimated Total- Construction	\$8,312,000
Preliminary Engineering- 15.0%	\$1,247,000
Construction Inspection- 12.5%	\$1,039,000
Project subtotal	\$10,598,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	5%
	\$530,000
Project Total	\$11,128,000



# ROAD 19

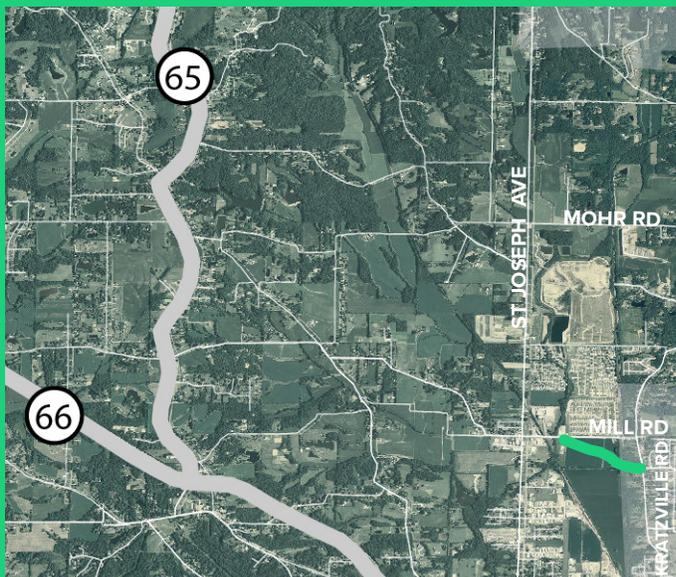
**LOCATION:** MILL RD, OVERPASS OVER RXR

**DESCRIPTION:** NEW ROADWAY

**PROJECT SCORING:** 43

**OVERALL COST:** \$11,238,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, curb & gutter		3690	LFT	\$636	\$2,346,840
Bridge, new or widen		12000	SFT	\$200	\$2,400,000
Construction Engineering	105	1	LS	\$123,000	\$123,000
Mobilization and Demobilization	110	1	LS	\$308,000	\$308,000
Clearing Right of Way	201	1	LS	\$123,000	\$123,000
Stormwater Management Budget	205	1	LS	\$123,000	\$123,000
Drainage	720	1	LS	\$308,000	\$308,000
Signage and Pavement Markings	800	1	LS	\$123,000	\$123,000
Maintaining Traffic	801	1	LS	\$308,000	\$308,000



DESCRIPTION	COST
Construction Subtotal	\$6,162,840
30.0% Contingency	\$1,849,000
Estimated Total- Construction	\$8,012,000
Preliminary Engineering- 15.0%	\$1,202,000
Construction Inspection- 12.5%	\$1,002,000
Project subtotal	\$10,216,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$1,022,000
Project Total	\$11,238,000

# ROAD 20

**LOCATION:** I-69 INTERCHAGE (MILLERSBURG RD OR KANSAS RD)

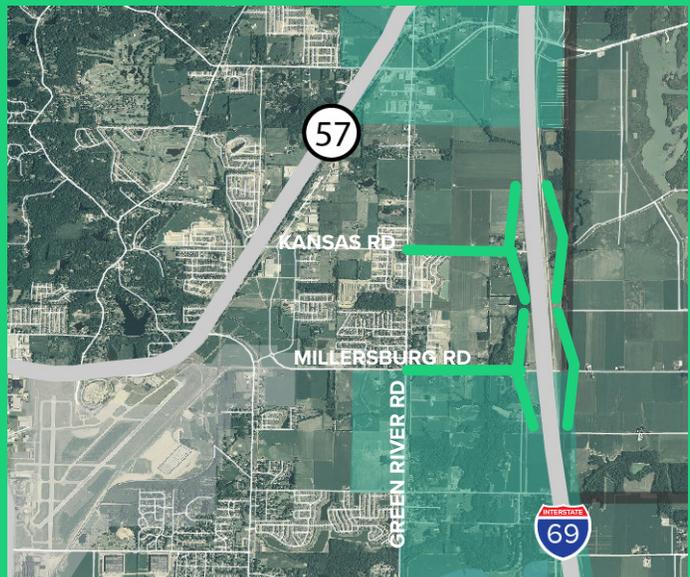
**DESCRIPTION:** NEW INTERSTATE INTERCHANGE AND CONNECTOR ROADS

**PROJECT SCORING:** 70

**OVERALL COST:** \$31,247,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
New Interchange-Interstate					\$10,190,000
Roadway, widening, 2-5 lanes, Curb and Gutter		4050	LFT	\$742	\$3,005,100
Construction Engineering	105	1	LS	\$343,000	\$343,000
Mobilization and Demobilization	110	1	LS	\$857,000	\$857,000
Clearing Right of Way	201	1	LS	\$343,000	\$343,000
Stormwater Management Budget	205	1	LS	\$343,000	\$343,000
Drainage	720	1	LS	\$857,000	\$857,000
Signage and Pavement Markings	800	1	LS	\$343,000	\$343,000
Maintaining Traffic	801	1	LS	\$857,000	\$857,000

DESCRIPTION	COST
Construction Subtotal	\$17,138,000
30.0% Contingency	\$5,141,000
Estimated Total- Construction	\$22,279,000
Preliminary Engineering- 15.0%	\$3,342,000
Construction Inspection- 12.5%	\$2,785,000
Project subtotal	\$28,406,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$2,841,000
Project Total	\$31,247,000



# ROAD 21

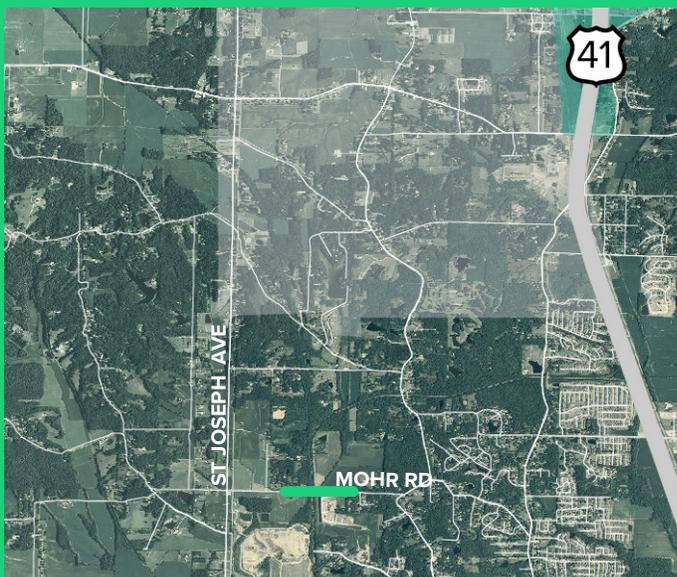
**LOCATION:** MOHR RD, RXR CSX UNDERPASS

**DESCRIPTION:** BRIDGE AND ROADWAY RECONSTRUCTION, 3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 10

**OVERALL COST:** \$4,959,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Bridge, new or widen		3600	SFT	\$200	\$720,000
Roadway, new/reconstruction, 3 lanes, shoulder/ditch		2000	LFT	\$688	\$1,376,000
Construction Engineering	105	1	LS	\$54,000	\$54,000
Mobilization and Demobilization	110	1	LS	\$136,000	\$136,000
Clearing Right of Way	201	1	LS	\$54,000	\$54,000
Stormwater Management Budget	205	1	LS	\$54,000	\$54,000
Drainage	720	1	LS	\$136,000	\$136,000
Signage and Pavement Markings	800	1	LS	\$54,000	\$54,000
Maintaining Traffic	801	1	LS	\$136,000	\$136,000



DESCRIPTION	COST
Construction Subtotal	\$2,720,000
30.0% Contingency	\$816,000
Estimated Total- Construction	\$3,536,000
Preliminary Engineering- 15.0%	\$530,000
Construction Inspection- 12.5%	\$442,000
Project subtotal	\$4,508,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$451,000
Project Total	\$4,959,000

# ROAD 22

**LOCATION:** MOHR RD AND DARMSTADT RD, INTERSECTION IMPROVEMENT

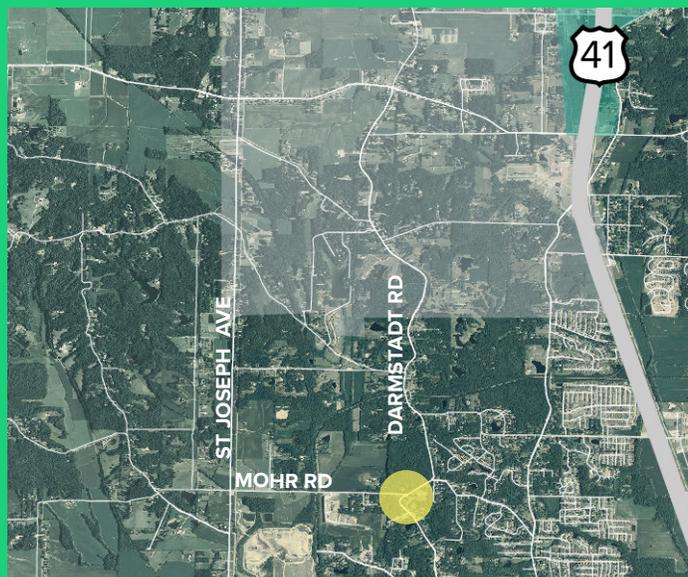
**DESCRIPTION:** ROADWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 35

**OVERALL COST:** \$3,014,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, curb & gutter		2000	LFT	\$636	\$1,272,000
Construction Engineering	105	1	LS	\$33,000	\$33,000
Mobilization and Demobilization	110	1	LS	\$83,000	\$83,000
Clearing Right of Way	201	1	LS	\$33,000	\$33,000
Stormwater Management Budget	205	1	LS	\$33,000	\$33,000
Drainage	720	1	LS	\$83,000	\$83,000
Signage and Pavement Markings	800	1	LS	\$33,000	\$33,000
Maintaining Traffic	801	1	LS	\$83,000	\$83,000

DESCRIPTION	COST
Construction Subtotal	\$1,653,000
30.0% Contingency	\$496,000
Estimated Total- Construction	\$2,149,000
Preliminary Engineering- 15.0%	\$322,000
Construction Inspection- 12.5%	\$269,000
Project subtotal	\$2,740,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$274,000
Project Total	\$3,014,000



# ROAD 23

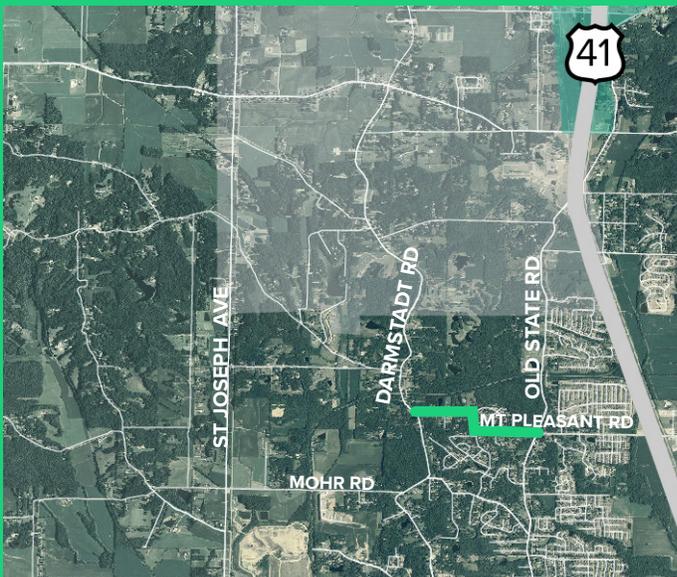
**LOCATION:** MT PLEASANT RD, DARMSTADT RD TO OLD STATE RD

**DESCRIPTION:** ROADWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 30

**OVERALL COST:** \$8,848,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction, 3 lanes, curb & gutter		6040	LFT	\$636	\$3,841,440
Construction Engineering	105	1	LS	\$100,000	\$100,000
Mobilization and Demobilization	110	1	LS	\$249,000	\$249,000
Clearing Right of Way	201	1	LS	\$100,000	\$100,000
Stormwater Management Budget	205	1	LS	\$100,000	\$100,000
Drainage	720	1	LS	\$249,000	\$249,000
Signage and Pavement Markings	800	1	LS	\$100,000	\$100,000
Maintaining Traffic	801	1	LS	\$249,000	\$249,000



DESCRIPTION	COST
Construction Subtotal	\$4,988,440
30.0% Contingency	\$1,497,000
Estimated Total- Construction	\$6,485,000
Preliminary Engineering- 15.0%	\$973,000
Construction Inspection- 12.5%	\$811,000
Project subtotal	\$8,269,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$579,000
Project Total	\$8,848,000

# ROAD 24

**LOCATION:** OAK HILL RD, LYNCH RD TO HECKEL RD

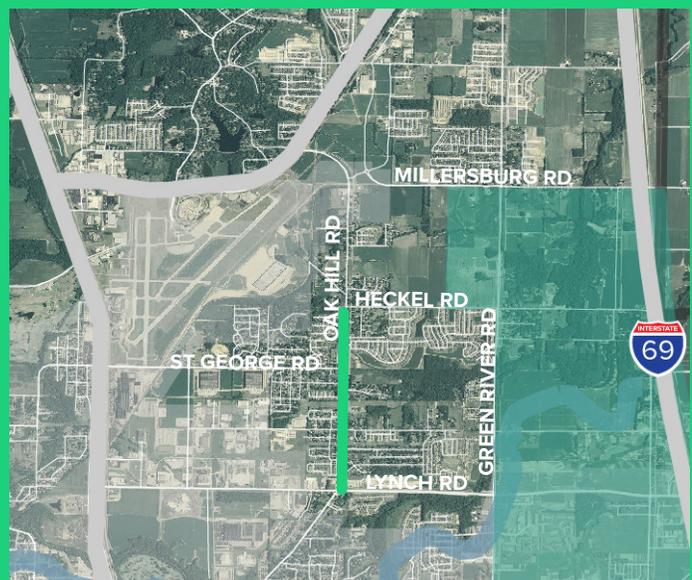
**DESCRIPTION:** ROADWAY WIDENING, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 75

**OVERALL COST:** \$12,896,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, curb & gutter		8410	LFT	\$636	\$5,348,760
Construction Engineering	105	1	LS	\$139,000	\$139,000
Mobilization and Demobilization	110	1	LS	\$347,000	\$347,000
Clearing Right of Way	201	1	LS	\$139,000	\$139,000
Stormwater Management Budget	205	1	LS	\$139,000	\$139,000
Drainage	720	1	LS	\$347,000	\$347,000
Signage and Pavement Markings	800	1	LS	\$139,000	\$139,000
Maintaining Traffic	801	1	LS	\$347,000	\$347,000

DESCRIPTION	COST
Construction Subtotal	\$6,945,000
30.0% Contingency	\$2,084,000
Estimated Total- Construction	\$9,030,000
Preliminary Engineering- 15.0%	\$1,355,000
Construction Inspection- 12.5%	\$1,129,000
Project subtotal	\$11,514,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	12%
	\$1,382,000
Project Total	\$12,896,000



# ROAD 25

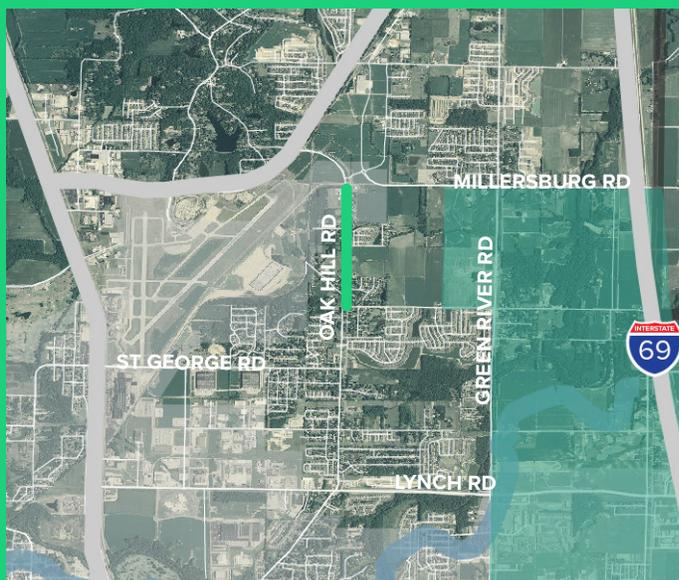
**LOCATION:** OAK HILL RD, HECKEL RD TO MILLERSBURG RD

**DESCRIPTION:** ROADWAY WIDENING, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 70

**OVERALL COST:** \$9,617,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction, 3 lanes, curb & gutter		6270	LFT	\$636	\$3,987,000
Construction Engineering	105	1	LS	\$104,000	\$104,000
Mobilization and Demobilization	110	1	LS	\$259,000	\$259,000
Clearing Right of Way	201	1	LS	\$104,000	\$104,000
Stormwater Management Budget	205	1	LS	\$104,000	\$104,000
Drainage	720	1	LS	\$259,000	\$259,000
Signage and Pavement Markings	800	1	LS	\$104,000	\$104,000
Maintaining Traffic	801	1	LS	\$259,000	\$259,000



DESCRIPTION	COST
Construction Subtotal	\$5,180,000
30.0% Contingency	\$1,554,000
Estimated Total- Construction	\$6,735,000
Preliminary Engineering- 15.0%	\$1,010,000
Construction Inspection- 12.5%	\$842,000
Project subtotal	\$8,587,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	12%
	\$1,030,000
Project Total	\$9,617,000

# ROAD 26

**LOCATION:** PETERSBURG RD, KANSAS RD TO BOONVILLE-NEW HARMONY RD

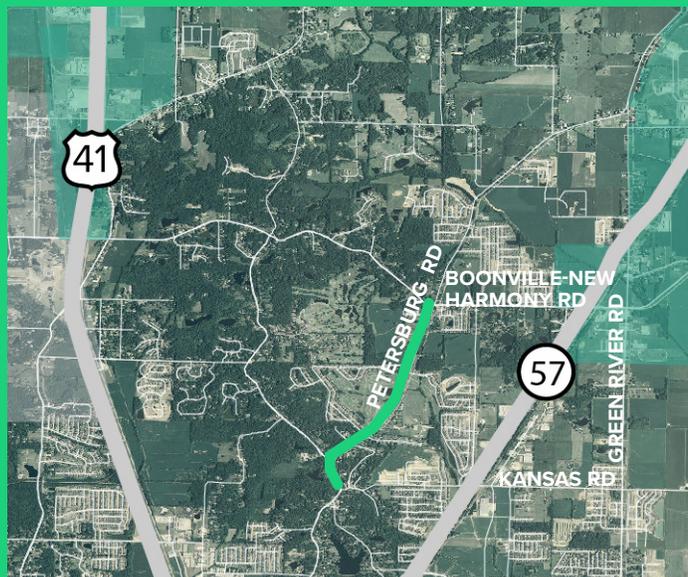
**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 45

**OVERALL COST:** \$11,746,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		10040	LFT	\$494	\$4,959,760
Construction Engineering	105	1	LS	\$129,000	\$129,000
Mobilization and Demobilization	110	1	LS	\$322,000	\$322,000
Clearing Right of Way	201	1	LS	\$129,000	\$129,000
Stormwater Management Budget	205	1	LS	\$129,000	\$129,000
Drainage	720	1	LS	\$322,000	\$322,000
Signage and Pavement Markings	800	1	LS	\$129,000	\$129,000
Maintaining Traffic	801	1	LS	\$322,000	\$322,000

DESCRIPTION	COST
Construction Subtotal	\$6,441,760
30.0% Contingency	\$1,933,000
Estimated Total- Construction	\$8,375,000
Preliminary Engineering- 15.0%	\$1,256,000
Construction Inspection- 12.5%	\$1,047,000
Project subtotal	\$10,678,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$1,068,000
Project Total	\$11,746,000



# ROAD 27

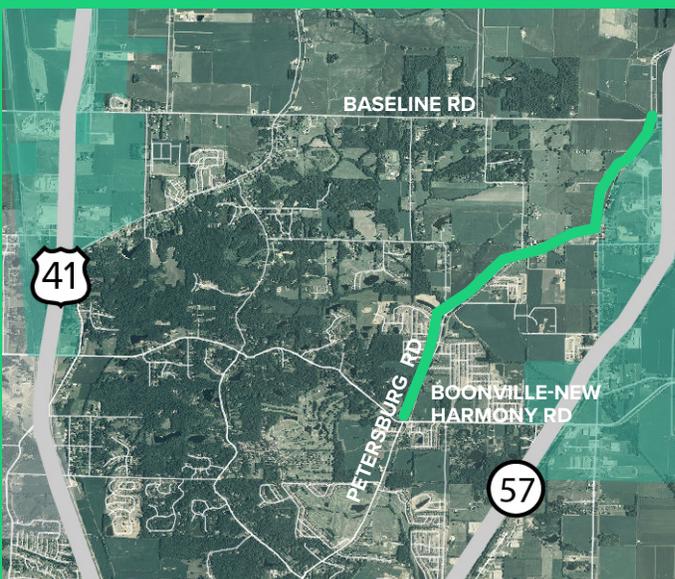
**LOCATION:** PETERSBURG RD, BOONVILLE-NEW HARMONY RD TO BASELINE RD

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 55

**OVERALL COST:** \$20,704,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		17700	LFT	\$494	\$8,743,800
Construction Engineering	105	1	LS	\$227,000	\$227,000
Mobilization and Demobilization	110	1	LS	\$568,000	\$568,000
Clearing Right of Way	201	1	LS	\$227,000	\$227,000
Stormwater Management Budget	205	1	LS	\$227,000	\$227,000
Drainage	720	1	LS	\$568,000	\$568,000
Signage and Pavement Markings	800	1	LS	\$227,000	\$227,000
Maintaining Traffic	801	1	LS	\$568,000	\$568,000



DESCRIPTION	COST
Construction Subtotal	\$11,355,800
30.0% Contingency	\$3,407,000
Estimated Total- Construction	\$14,763,000
Preliminary Engineering- 15.0%	\$2,214,000
Construction Inspection- 12.5%	\$1,845,000
Project subtotal	\$18,822,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$1,882,000
Project Total	\$20,704,000

# ROAD 28

**LOCATION:** POLLACK AVE, GREEN RIVER RD TO WARRICK CO. LINE

**DESCRIPTION:** ROADWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 43

**OVERALL COST:** \$19,278,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, curb & gutter		13160	LFT	\$636	\$8,369,760
Construction Engineering	105	1	LS	\$217,000	\$217,000
Mobilization and Demobilization	110	1	LS	\$544,000	\$544,000
Clearing Right of Way	201	1	LS	\$217,000	\$217,000
Stormwater Management Budget	205	1	LS	\$217,000	\$217,000
Drainage	720	1	LS	\$544,000	\$544,000
Signage and Pavement Markings	800	1	LS	\$217,000	\$217,000
Maintaining Traffic	801	1	LS	\$544,000	\$544,000

DESCRIPTION	COST
Construction Subtotal	\$10,869,760
30.0% Contingency	\$3,261,000
Estimated Total- Construction	\$14,131,000
Preliminary Engineering- 15.0%	\$2,120,000
Construction Inspection- 12.5%	\$1,766,000
Project subtotal	\$18,017,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$1,261,000
Project Total	\$19,278,000



# ROAD 29

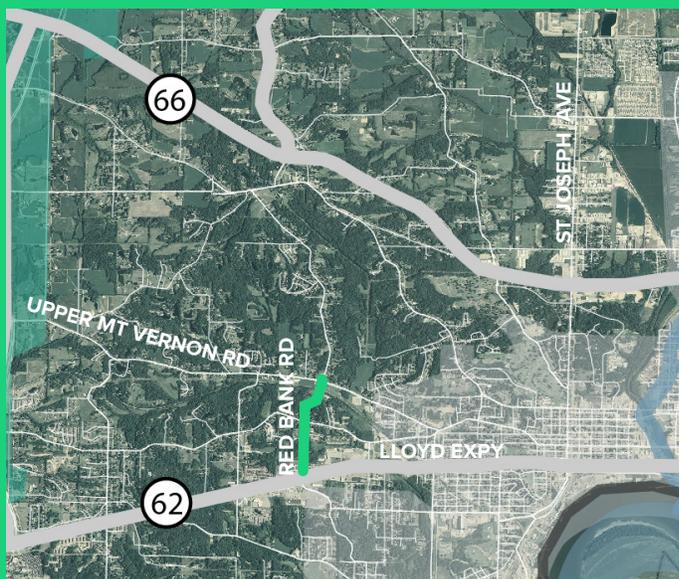
**LOCATION:** RED BANK RD, LLOYD EXPY TO UPPER MT VERNON RD

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 67

**OVERALL COST:** \$7,121,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		6090	LFT	\$494	\$3,008,460
Construction Engineering	105	1	LS	\$78,000	\$78,000
Mobilization and Demobilization	110	1	LS	\$195,000	\$195,000
Clearing Right of Way	201	1	LS	\$78,000	\$78,000
Stormwater Management Budget	205	1	LS	\$78,000	\$78,000
Drainage	720	1	LS	\$195,000	\$195,000
Signage and Pavement Markings	800	1	LS	\$78,000	\$78,000
Maintaining Traffic	801	1	LS	\$195,000	\$195,000



DESCRIPTION	COST
Construction Subtotal	\$3,905,460
30.0% Contingency	\$1,172,000
Estimated Total- Construction	\$5,077,000
Preliminary Engineering- 15.0%	\$762,000
Construction Inspection- 12.5%	\$635,000
Project subtotal	\$6,474,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$647,000
Project Total	\$7,121,000

# ROAD 30

**LOCATION:** RED BANK RD AND HOGUE RD, INTERSECTION IMPROVEMENTS

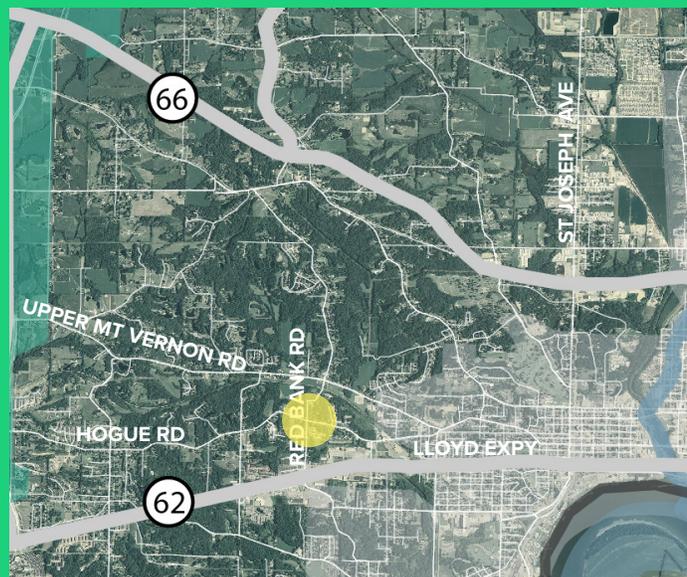
**DESCRIPTION:** ROADWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 67

**OVERALL COST:** \$3,014,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, curb & gutter		2000	LFT	\$636	\$1,272,000
Construction Engineering	105	1	LS	\$33,000	\$33,000
Mobilization and Demobilization	110	1	LS	\$83,000	\$83,000
Clearing Right of Way	201	1	LS	\$33,000	\$33,000
Stormwater Management Budget	205	1	LS	\$33,000	\$33,000
Drainage	720	1	LS	\$83,000	\$83,000
Signage and Pavement Markings	800	1	LS	\$33,000	\$33,000
Maintaining Traffic	801	1	LS	\$83,000	\$83,000

DESCRIPTION	COST
Construction Subtotal	\$1,653,000
30.0% Contingency	\$496,000
Estimated Total- Construction	\$2,149,000
Preliminary Engineering- 15.0%	\$322,000
Construction Inspection- 12.5%	\$269,000
Project subtotal	\$2,740,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$274,000
Project Total	\$3,014,000



# ROAD 31

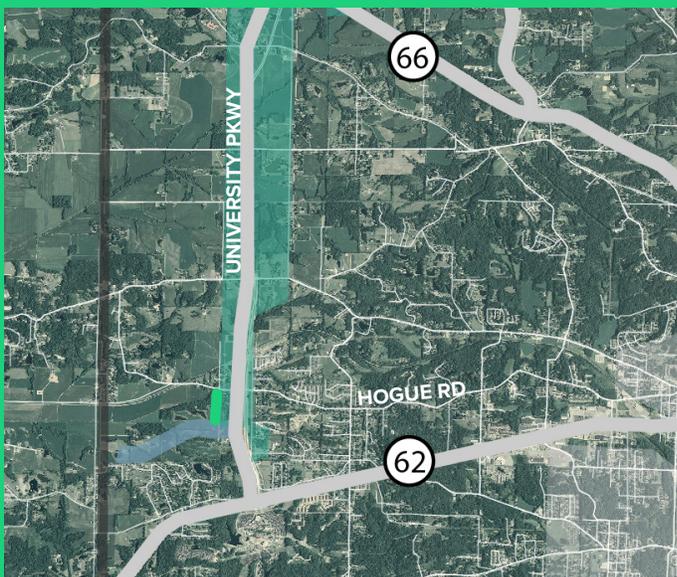
**LOCATION:** ROESNER RD, HOGUE RD TO DEVELOPMENT (SOUTH)

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 48

**OVERALL COST:** \$4,327,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		3700	LFT	\$494	\$1,827,800
Construction Engineering	105	1	LS	\$47,000	\$47,000
Mobilization and Demobilization	110	1	LS	\$119,000	\$119,000
Clearing Right of Way	201	1	LS	\$47,000	\$47,000
Stormwater Management Budget	205	1	LS	\$47,000	\$47,000
Drainage	720	1	LS	\$119,000	\$119,000
Signage and Pavement Markings	800	1	LS	\$47,000	\$47,000
Maintaining Traffic	801	1	LS	\$119,000	\$119,000



DESCRIPTION	COST
Construction Subtotal	\$2,372,800
30.0% Contingency	\$712,000
Estimated Total- Construction	\$3,085,000
Preliminary Engineering- 15.0%	\$463,000
Construction Inspection- 12.5%	\$386,000
Project subtotal	\$3,934,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$393,000
Project Total	\$4,327,000

# ROAD 32

**LOCATION:** ROSENBERGER AVE, SR 62 TO HOGUE RD

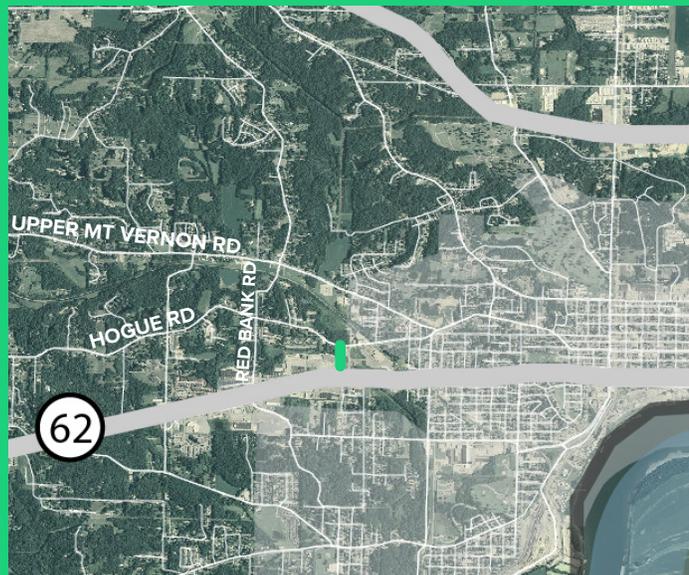
**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 47

**OVERALL COST:** \$2,575,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 2-3 lanes, shoulder/ditch		2200	LFT	\$494	\$1,086,800
Construction Engineering	105	1	LS	\$28,000	\$28,000
Mobilization and Demobilization	110	1	LS	\$71,000	\$71,000
Clearing Right of Way	201	1	LS	\$28,000	\$28,000
Stormwater Management Budget	205	1	LS	\$28,000	\$28,000
Drainage	720	1	LS	\$71,000	\$71,000
Signage and Pavement Markings	800	1	LS	\$28,000	\$28,000
Maintaining Traffic	801	1	LS	\$71,000	\$71,000

DESCRIPTION	COST
Construction Subtotal	\$1,411,800
30.0% Contingency	\$424,000
Estimated Total- Construction	\$1,836,000
Preliminary Engineering- 15.0%	\$275,000
Construction Inspection- 12.5%	\$230,000
Project subtotal	\$2,341,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$234,000
Project Total	\$2,575,000



# ROAD 33

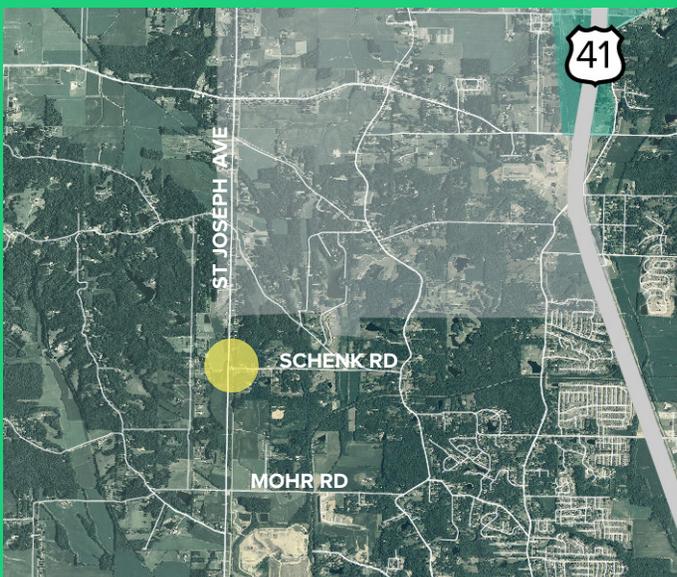
**LOCATION:** SCHENK RD AND ST JOSEPH AVE, INTERSECTION IMPROVEMENT

**DESCRIPTION:** ROADWAY RECONSTRUCTION, 3 LANES, CURB AND GUTTER

**PROJECT SCORING:** 20

**OVERALL COST:** \$3,014,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, curb & gutter		2000	LFT	\$636	\$1,272,000
Construction Engineering	105	1	LS	\$33,000	\$33,000
Mobilization and Demobilization	110	1	LS	\$83,000	\$83,000
Clearing Right of Way	201	1	LS	\$33,000	\$33,000
Stormwater Management Budget	205	1	LS	\$33,000	\$33,000
Drainage	720	1	LS	\$83,000	\$83,000
Signage and Pavement Markings	800	1	LS	\$33,000	\$33,000
Maintaining Traffic	801	1	LS	\$83,000	\$83,000



DESCRIPTION	COST
Construction Subtotal	\$1,653,000
30.0% Contingency	\$496,000
Estimated Total- Construction	\$2,149,000
Preliminary Engineering- 15.0%	\$322,000
Construction Inspection- 12.5%	\$269,000
Project subtotal	\$2,740,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$274,000
Project Total	\$3,014,000

# ROAD 34

**LOCATION:** SCHUTTE RD, BROADWAY AVE TO LLOYD EXPY

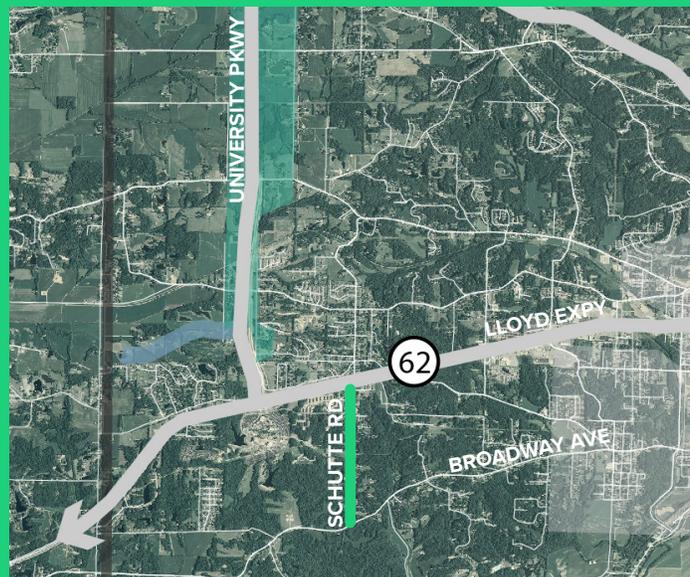
**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 40

**OVERALL COST:** \$9,275,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		8150	LFT	\$494	\$4,026,100
Construction Engineering	105	1	LS	\$105,000	\$105,000
Mobilization and Demobilization	110	1	LS	\$261,000	\$261,000
Clearing Right of Way	201	1	LS	\$105,000	\$105,000
Stormwater Management Budget	205	1	LS	\$105,000	\$105,000
Drainage	720	1	LS	\$261,000	\$261,000
Signage and Pavement Markings	800	1	LS	\$105,000	\$105,000
Maintaining Traffic	801	1	LS	\$261,000	\$261,000

DESCRIPTION	COST
Construction Subtotal	\$5,229,100
30.0% Contingency	\$1,569,000
Estimated Total- Construction	\$6,798,000
Preliminary Engineering- 15.0%	\$1,020,000
Construction Inspection- 12.5%	\$850,000
Project subtotal	\$8,668,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$607,000
Project Total	\$9,275,000



# ROAD 35

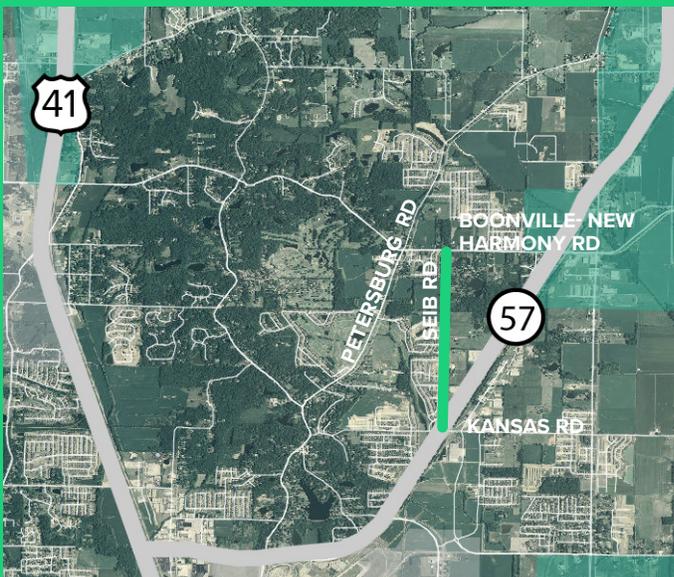
**LOCATION:** SEIB RD, KANSAS RD TO BOONVILLE-NEW HARMONY RD

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 30

**OVERALL COST:** \$10,130,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		8660	LFT	\$494	\$4,278,040
Construction Engineering	105	1	LS	\$111,000	\$111,000
Mobilization and Demobilization	110	1	LS	\$278,000	\$278,000
Clearing Right of Way	201	1	LS	\$111,000	\$111,000
Stormwater Management Budget	205	1	LS	\$111,000	\$111,000
Drainage	720	1	LS	\$278,000	\$278,000
Signage and Pavement Markings	800	1	LS	\$111,000	\$111,000
Maintaining Traffic	801	1	LS	\$278,000	\$278,000



DESCRIPTION	COST
Construction Subtotal	\$5,556,040
30.0% Contingency	\$1,667,000
Estimated Total- Construction	\$7,223,000
Preliminary Engineering- 15.0%	\$1,083,000
Construction Inspection- 12.5%	\$903,000
Project subtotal	\$9,209,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$921,000
Project Total	\$10,130,000

# ROAD 36

**LOCATION:** SR 57, US 41 TO KANSAS

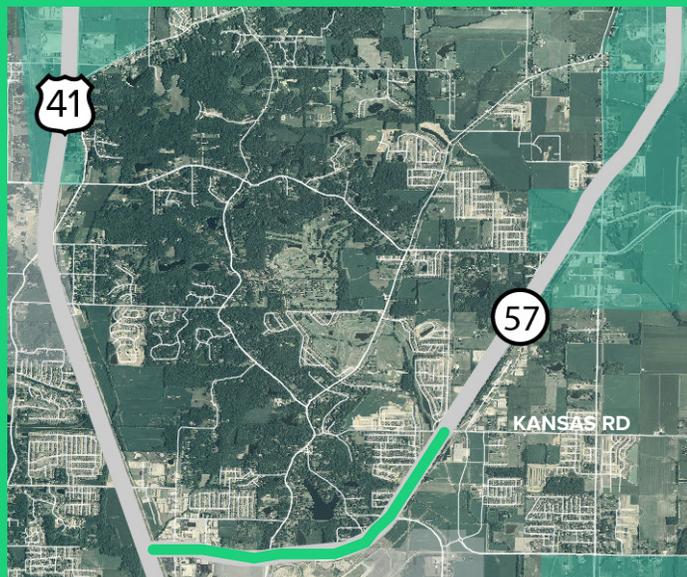
**DESCRIPTION:** BEAUTIFICATION

**PROJECT SCORING:** 30

**OVERALL COST:** \$460,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Landscaping Estimate					\$200,000
Construction Engineering	105	1	LS	\$5,000	\$5,000
Mobilization and Demobilization	110	1	LS	\$13,000	\$13,000
Clearing Right of Way	201	1	LS	\$5,000	\$5,000
Stormwater Management Budget	205	1	LS	\$5,000	\$5,000
Drainage	720	1	LS	\$13,000	\$13,000
Signage and Pavement Markings	800	1	LS	\$5,000	\$5,000
Maintaining Traffic	801	1	LS	\$13,000	\$13,000

DESCRIPTION	COST
Construction Subtotal	\$259,000
30.0% Contingency	\$78,000
Estimated Total- Construction	\$337,000
Preliminary Engineering- 15.0%	\$51,000
Construction Inspection- 12.5%	\$42,000
Project subtotal	\$430,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$30,000
Project Total	\$460,000



# ROAD 37

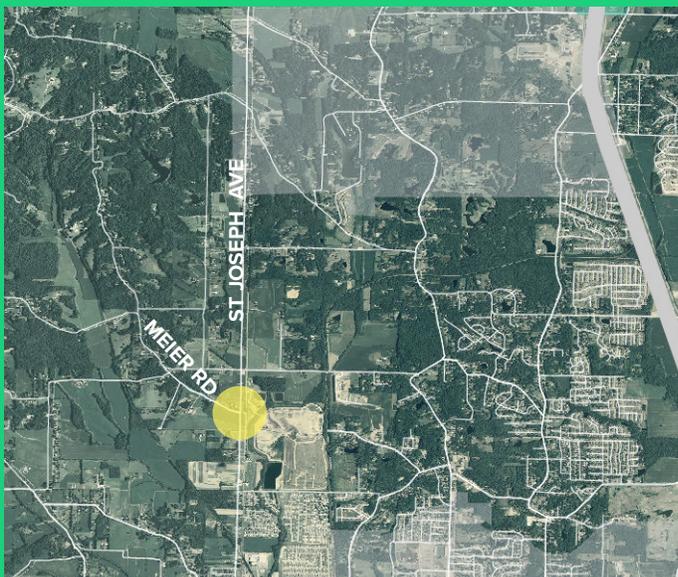
**LOCATION:** ST JOSEPH AVE AND MEIER RD, INTERSECTION IMPROVEMENT

**DESCRIPTION:** ROADWAY RESCONSTRUCTION, 3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 35

**OVERALL COST:** \$3,257,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 3 lanes, shoulder/ditch		2000	LFT	\$688	\$1,376,000
Construction Engineering	105	1	LS	\$36,000	\$36,000
Mobilization and Demobilization	110	1	LS	\$89,000	\$89,000
Clearing Right of Way	201	1	LS	\$36,000	\$36,000
Stormwater Management Budget	205	1	LS	\$36,000	\$36,000
Drainage	720	1	LS	\$89,000	\$89,000
Signage and Pavement Markings	800	1	LS	\$36,000	\$36,000
Maintaining Traffic	801	1	LS	\$89,000	\$89,000



DESCRIPTION	COST
Construction Subtotal	\$1,787,000
30.0% Contingency	\$536,000
Estimated Total- Construction	\$2,323,000
Preliminary Engineering- 15.0%	\$348,000
Construction Inspection- 12.5%	\$290,000
Project subtotal	\$2,961,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$296,000
Project Total	\$3,257,000

# ROAD 38

**LOCATION:** ST GEORGE RD, OSSENBERG LN TO OAK HILL RD

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 45

**OVERALL COST:** \$8,799,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		7520	LFT	\$494	\$3,714,880
Construction Engineering	105	1	LS	\$97,000	\$97,000
Mobilization and Demobilization	110	1	LS	\$241,000	\$241,000
Clearing Right of Way	201	1	LS	\$97,000	\$97,000
Stormwater Management Budget	205	1	LS	\$97,000	\$97,000
Drainage	720	1	LS	\$241,000	\$241,000
Signage and Pavement Markings	800	1	LS	\$97,000	\$97,000
Maintaining Traffic	801	1	LS	\$241,000	\$241,000

DESCRIPTION	COST
Construction Subtotal	\$4,825,880
30.0% Contingency	\$1,448,000
Estimated Total- Construction	\$6,274,000
Preliminary Engineering- 15.0%	\$941,000
Construction Inspection- 12.5%	\$784,000
Project subtotal	\$7,999,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$800,000
Project Total	\$8,799,000



# ROAD 39

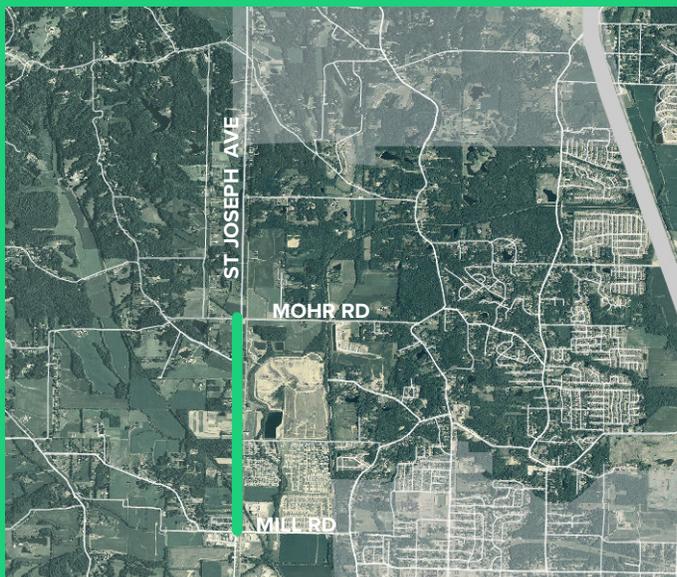
**LOCATION:** ST JOSEPH AVE, MILL RD TO MOHR RD

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 50

**OVERALL COST:** \$11,707,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		10290	LFT	\$494	\$5,083,260
Construction Engineering	105	1	LS	\$132,000	\$132,000
Mobilization and Demobilization	110	1	LS	\$330,000	\$330,000
Clearing Right of Way	201	1	LS	\$132,000	\$132,000
Stormwater Management Budget	205	1	LS	\$132,000	\$132,000
Drainage	720	1	LS	\$330,000	\$330,000
Signage and Pavement Markings	800	1	LS	\$132,000	\$132,000
Maintaining Traffic	801	1	LS	\$330,000	\$330,000



DESCRIPTION	COST
Construction Subtotal	\$6,601,260
30.0% Contingency	\$1,980,000
Estimated Total- Construction	\$8,581,000
Preliminary Engineering- 15.0%	\$1,287,000
Construction Inspection- 12.5%	\$1,073,000
Project subtotal	\$10,941,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$766,000
Project Total	\$11,707,000

# ROAD 40

**LOCATION:** UNIVERSITY PARKWAY, #6 SCHOOL RD TO BOONVILLE-NEW HARMONY RD

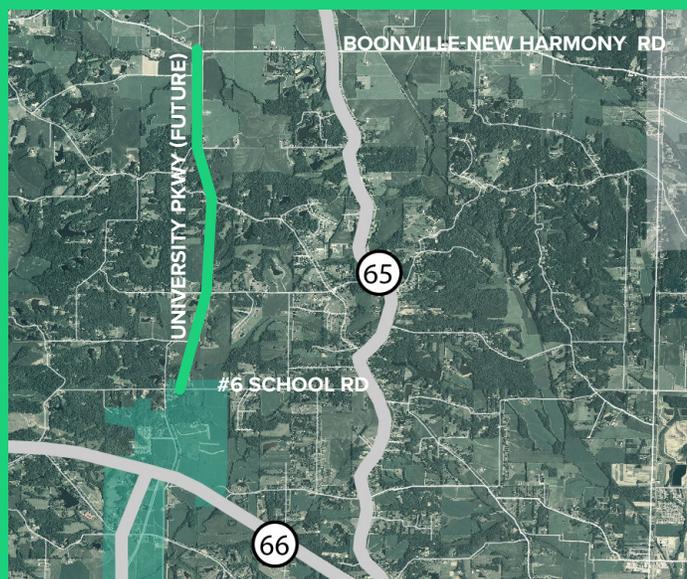
**DESCRIPTION:** NEW ROADWAY

**PROJECT SCORING:** 55

**OVERALL COST:** \$38,874,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction, 4 lanes, shoulder/ditch		19640	LFT	\$836	\$16,419,040
Construction Engineering	105	1	LS	\$426,000	\$426,000
Mobilization and Demobilization	110	1	LS	\$1,066,000	\$1,066,000
Clearing Right of Way	201	1	LS	\$426,000	\$426,000
Stormwater Management Budget	205	1	LS	\$426,000	\$426,000
Drainage	720	1	LS	\$1,066,000	\$1,066,000
Signage and Pavement Markings	800	1	LS	\$426,000	\$426,000
Maintaining Traffic	801	1	LS	\$1,066,000	\$1,066,000

DESCRIPTION	COST
Construction Subtotal	\$21,321,040
30.0% Contingency	\$6,396,000
Estimated Total- Construction	\$27,717,000
Preliminary Engineering- 15.0%	\$4,158,000
Construction Inspection- 12.5%	\$3,465,000
Project subtotal	\$35,340,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$3,534,000
Project Total	\$38,874,000



# ROAD 41

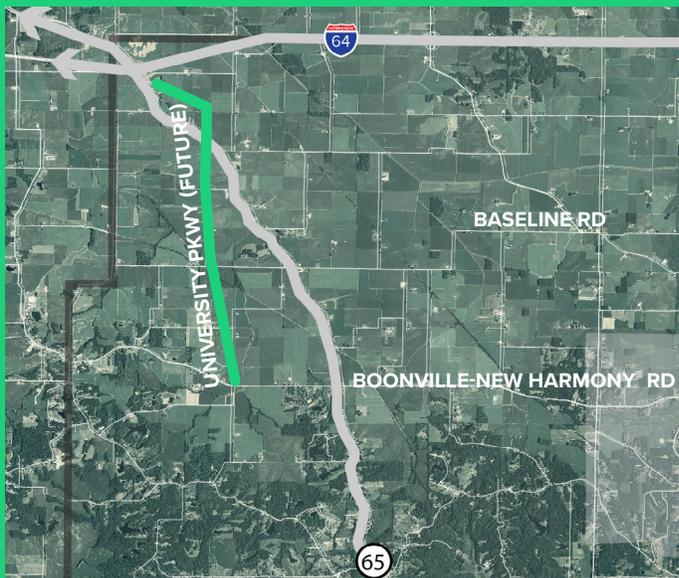
**LOCATION:** UNIVERSITY PARKWAY, BOONVILLE-NEW HARMONY RD TO I-64

**DESCRIPTION:** NEW ROADWAY

**PROJECT SCORING:** 40

**OVERALL COST:** \$98,978,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction, 4 lanes, shoulder/ditch		50000	LFT	\$836	\$41,800,000
Construction Engineering	105	1	LS	\$1,086,000	\$1,086,000
Mobilization and Demobilization	110	1	LS	\$2,714,000	\$2,714,000
Clearing Right of Way	201	1	LS	\$1,086,000	\$1,086,000
Stormwater Management Budget	205	1	LS	\$1,086,000	\$1,086,000
Drainage	720	1	LS	\$2,714,000	\$2,714,000
Signage and Pavement Markings	800	1	LS	\$1,086,000	\$1,086,000
Maintaining Traffic	801	1	LS	\$2,714,000	\$2,714,000



DESCRIPTION	COST
Construction Subtotal	\$54,286,000
30.0% Contingency	\$16,286,000
Estimated Total- Construction	\$70,572,000
Preliminary Engineering- 15.0%	\$10,586,000
Construction Inspection- 12.5%	\$8,822,000
Project subtotal	\$89,980,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$8,998,000
Project Total	\$98,978,000

# ROAD 42

**LOCATION:** UNIVERSITY PARKWAY, SR 66 TO #6 SCHOOL RD

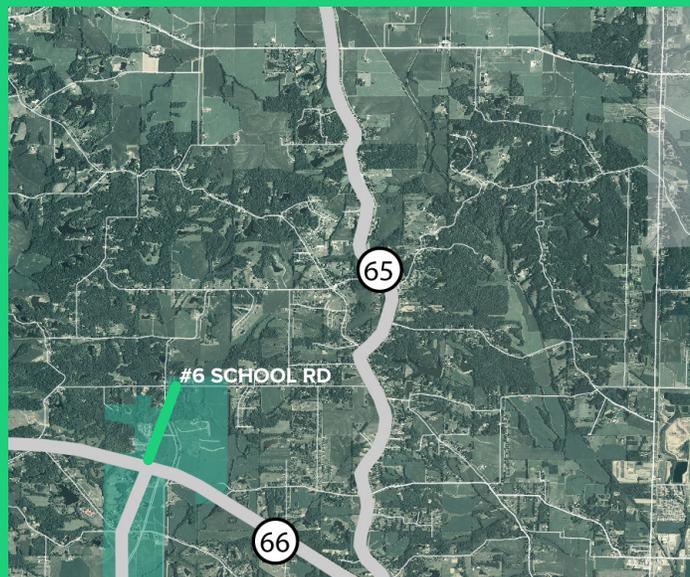
**DESCRIPTION:** NEW ROADWAY

**PROJECT SCORING:** 90

**OVERALL COST:** \$11,008,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction, 4 lanes, shoulder/ditch		5560	LFT	\$836	\$4,648,160
Construction Engineering	105	1	LS	\$121,000	\$121,000
Mobilization and Demobilization	110	1	LS	\$302,000	\$302,000
Clearing Right of Way	201	1	LS	\$121,000	\$121,000
Stormwater Management Budget	205	1	LS	\$121,000	\$121,000
Drainage	720	1	LS	\$302,000	\$302,000
Signage and Pavement Markings	800	1	LS	\$121,000	\$121,000
Maintaining Traffic	801	1	LS	\$302,000	\$302,000

DESCRIPTION	COST
Construction Subtotal	\$6,038,160
30.0% Contingency	\$1,811,000
Estimated Total- Construction	\$7,849,000
Preliminary Engineering- 15.0%	\$1,177,000
Construction Inspection- 12.5%	\$981,000
Project subtotal	\$10,007,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$1,001,000
Project Total	\$11,008,000



# ROAD 43

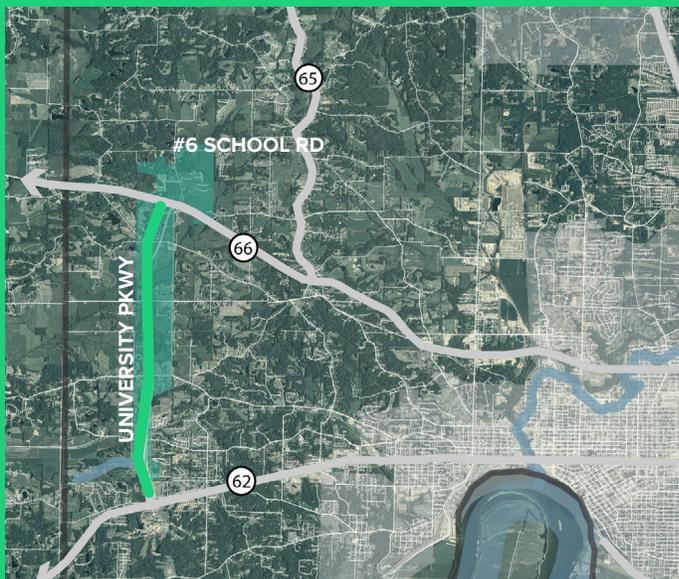
**LOCATION:** UNIVERSITY PARKWAY, RIGHT AND LEFT TURN AT MAJOR INTERSECTIONS

**DESCRIPTION:** ROADWAY WIDENING, 2-3 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 50

**OVERALL COST:** \$3,353,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, widening, 2-3 lanes, shoulder/ditch		3000	LFT	\$494	\$1,482,000
Construction Engineering	105	1	LS	\$39,000	\$39,000
Mobilization and Demobilization	110	1	LS	\$96,000	\$96,000
Clearing Right of Way	201	1	LS	\$39,000	\$39,000
Stormwater Management Budget	205	1	LS	\$39,000	\$39,000
Drainage	720	1	LS	\$96,000	\$96,000
Signage and Pavement Markings	800	1	LS	\$39,000	\$39,000
Maintaining Traffic	801	1	LS	\$96,000	\$96,000



DESCRIPTION	COST
Construction Subtotal	\$1,926,000
30.0% Contingency	\$578,000
Estimated Total- Construction	\$2,504,000
Preliminary Engineering- 15.0%	\$376,000
Construction Inspection- 12.5%	\$313,000
Project subtotal	\$3,193,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	5%
	\$160,000
Project Total	\$3,353,000

# ROAD 44

**LOCATION:** US 41, I-64 TO AIRPORT

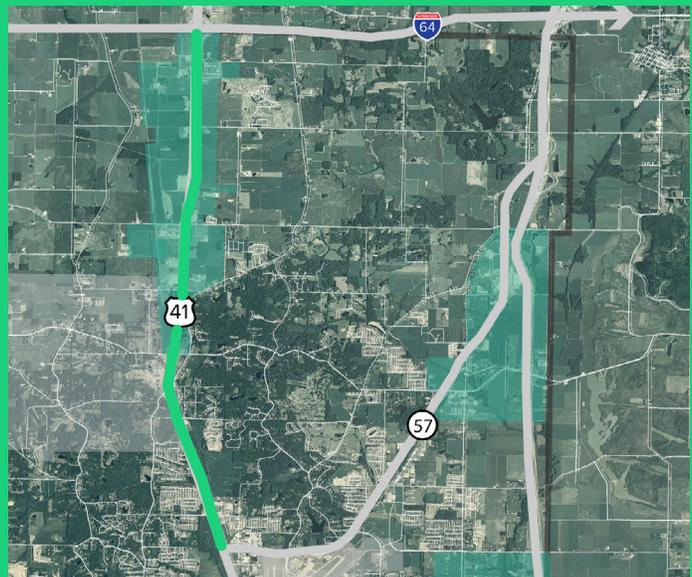
**DESCRIPTION:** BEAUTIFICATION

**PROJECT SCORING:** 45

**OVERALL COST:** \$460,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Landscaping Estimate					\$200,000
Construction Engineering	105	1	LS	\$5,000	\$5,000
Mobilization and Demobilization	110	1	LS	\$13,000	\$13,000
Clearing Right of Way	201	1	LS	\$5,000	\$5,000
Stormwater Management Budget	205	1	LS	\$5,000	\$5,000
Drainage	720	1	LS	\$13,000	\$13,000
Signage and Pavement Markings	800	1	LS	\$5,000	\$5,000
Maintaining Traffic	801	1	LS	\$13,000	\$13,000

DESCRIPTION	COST
Construction Subtotal	\$259,000
30.0% Contingency	\$78,000
Estimated Total- Construction	\$337,000
Preliminary Engineering- 15.0%	\$51,000
Construction Inspection- 12.5%	\$42,000
Project subtotal	\$430,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$30,000
Project Total	\$460,000



# ROAD 45

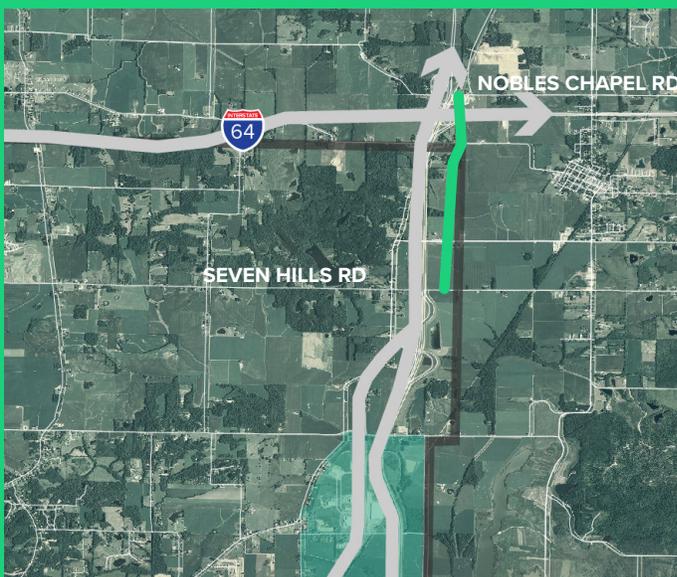
**LOCATION:** VANDERBURGH/WARRICK CO. LINE RD, SEVEN HILLS RD TO NOBLES CHAPEL RD

**DESCRIPTION:** NEW ROADWAY

**PROJECT SCORING:** 30

**OVERALL COST:** \$14,932,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway, new/reconstruction. 2 lanes, shoulder/ditch		11810	LFT	\$549	\$6,483,690
Construction Engineering	105	1	LS	\$168,000	\$168,000
Mobilization and Demobilization	110	1	LS	\$421,000	\$421,000
Clearing Right of Way	201	1	LS	\$168,000	\$168,000
Stormwater Management Budget	205	1	LS	\$168,000	\$168,000
Drainage	720	1	LS	\$421,000	\$421,000
Signage and Pavement Markings	800	1	LS	\$168,000	\$168,000
Maintaining Traffic	801	1	LS	\$421,000	\$421,000



DESCRIPTION	COST
Construction Subtotal	\$8,418,690
30.0% Contingency	\$2,526,000
Estimated Total- Construction	\$10,945,000
Preliminary Engineering- 15.0%	\$1,642,000
Construction Inspection- 12.5%	\$1,368,000
Project subtotal	\$13,955,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$977,000
Project Total	\$14,932,000

# ROAD 46

**LOCATION:** VOLKMAN RD W. EXT, UNIVERSITY PARKWAY TO US 41

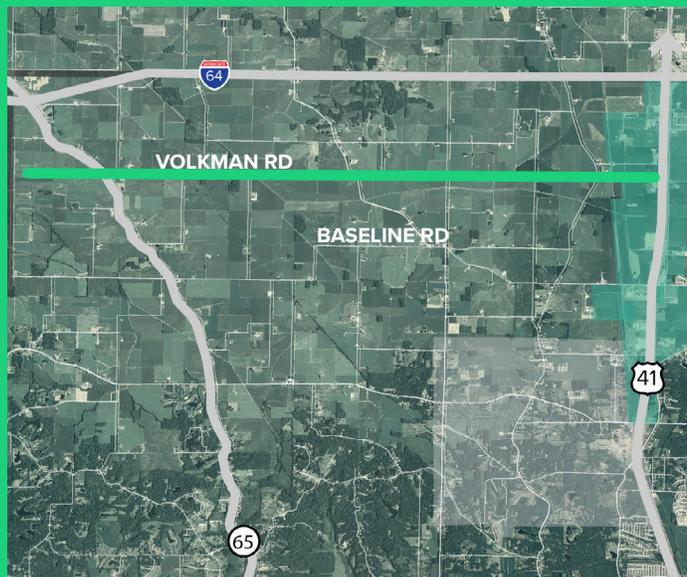
**DESCRIPTION:** NEW ROADWAY

**PROJECT SCORING:** 40

**OVERALL COST:** \$52,313,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Roadway new/reconstruction, 3 lanes, curb & gutter		35710	LFT	\$636	\$22,711,560
Construction Engineering	105	1	LS	\$590,000	\$590,000
Mobilization and Demobilization	110	1	LS	\$1,475,000	\$1,475,000
Clearing Right of Way	201	1	LS	\$590,000	\$590,000
Stormwater Management Budget	205	1	LS	\$590,000	\$590,000
Drainage	720	1	LS	\$1,475,000	\$1,475,000
Signage and Pavement Markings	800	1	LS	\$590,000	\$590,000
Maintaining Traffic	801	1	LS	\$1,475,000	\$1,475,000

DESCRIPTION	COST
Construction Subtotal	\$29,496,560
30.0% Contingency	\$8,849,000
Estimated Total- Construction	\$38,346,000
Preliminary Engineering- 15.0%	\$5,752,000
Construction Inspection- 12.5%	\$4,793,000
Project subtotal	\$48,891,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$3,422,000
Project Total	\$52,313,000



# ROAD 47

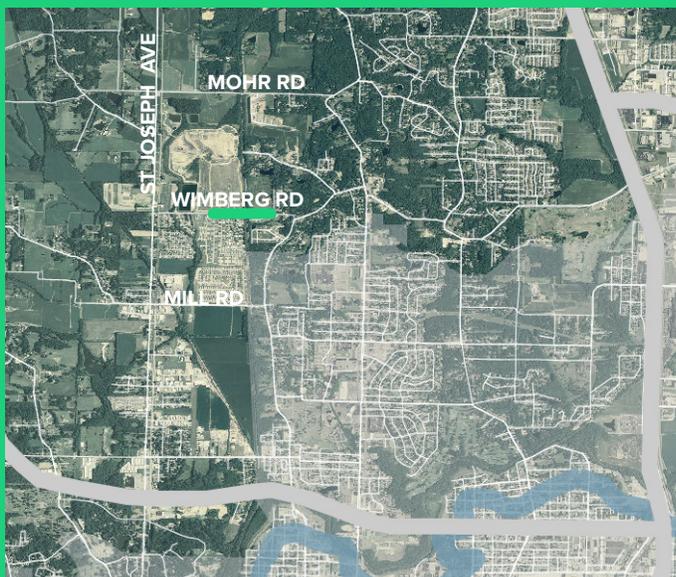
**LOCATION:** WIMBERG RD, RXR CSX WIDEN UNDERPASS

**DESCRIPTION:** BRIDGE, ROADWAY RECONSTRUCTION, 2 LANES, SHOULDER/DITCH

**PROJECT SCORING:** 10

**OVERALL COST:** \$4,108,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Bridge, new or widen		4800	SFT	\$200	\$960,000
Roadway reconstruction, 2 lanes, shoulder/ditch		1500	LFT	\$549	\$823,500
Construction Engineering	105	1	LS	\$46,000	\$46,000
Mobilization and Demobilization	110	1	LS	\$116,000	\$116,000
Clearing Right of Way	201	1	LS	\$46,000	\$46,000
Stormwater Management Budget	205	1	LS	\$46,000	\$46,000
Drainage	720	1	LS	\$116,000	\$116,000
Signage and Pavement Markings	800	1	LS	\$46,000	\$46,000
Maintaining Traffic	801	1	LS	\$116,000	\$116,000



DESCRIPTION	COST
Construction Subtotal	\$2,315,500
30.0% Contingency	\$695,000
Estimated Total- Construction	\$3,011,000
Preliminary Engineering- 15.0%	\$452,000
Construction Inspection- 12.5%	\$376,000
Project subtotal	\$3,839,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	7%
	\$269,000
Project Total	\$4,108,000



# TRAIL 01

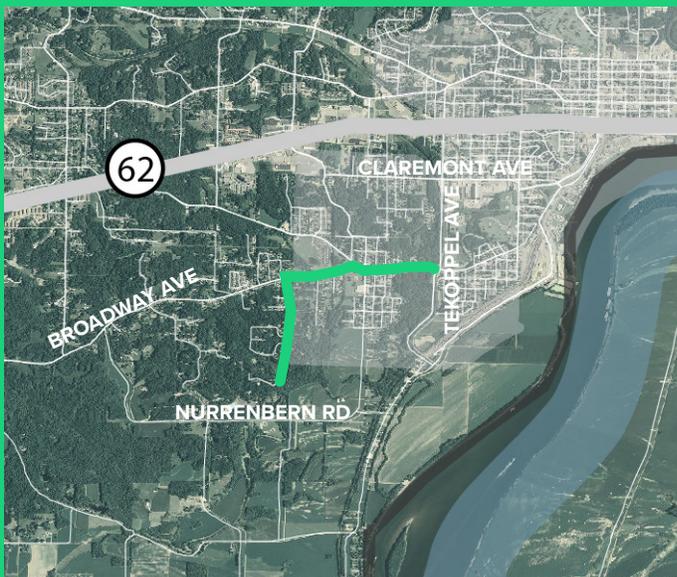
**LOCATION:** BURDETTE PARK TRAIL TO HOWELL PARK

**DESCRIPTION:** TRAILWAY

**PROJECT SCORING:** 45

**OVERALL COST:** \$6,422,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Trailway		10642	LFT	\$255	\$2,713,000
Construction Engineering	105	1	LS	\$70,000	\$70,000
Mobilization and Demobilization	110	1	LS	\$176,000	\$176,000
Clearing Right of Way	201	1	LS	\$70,000	\$70,000
Stormwater Management Budget	205	1	LS	\$70,000	\$70,000
Drainage	720	1	LS	\$176,000	\$176,000
Signage and Pavement Markings	800	1	LS	\$70,000	\$70,000
Maintaining Traffic	801	1	LS	\$176,000	\$176,000



DESCRIPTION	COST
Construction Subtotal	\$3,521,710
30.0% Contingency	\$1,057,000
Estimated Total- Construction	\$4,579,000
Preliminary Engineering- 15.0%	\$687,000
Construction Inspection- 12.5%	\$572,000
Project subtotal	\$5,838,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$584,000
Project Total	\$6,422,000

# TRAIL 02

**LOCATION:** CLAREMONT TRAIL, SR 62 TO RED BANK RD

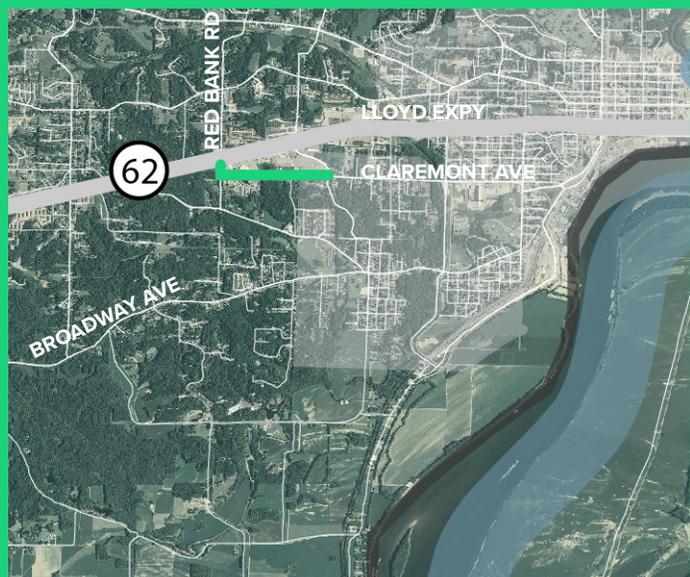
**DESCRIPTION:** TRAILWAY

**PROJECT SCORING:** 40

**OVERALL COST:** \$2,728,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Trailway		4513	LFT	\$255	\$1,150,815
Construction Engineering	105	1	LS	\$30,000	\$30,000
Mobilization and Demobilization	110	1	LS	\$75,000	\$75,000
Clearing Right of Way	201	1	LS	\$30,000	\$30,000
Stormwater Management Budget	205	1	LS	\$30,000	\$30,000
Drainage	720	1	LS	\$75,000	\$75,000
Signage and Pavement Markings	800	1	LS	\$30,000	\$30,000
Maintaining Traffic	801	1	LS	\$75,000	\$75,000

DESCRIPTION	COST
Construction Subtotal	\$1,495,000
30.0% Contingency	\$449,000
Estimated Total- Construction	\$1,945,000
Preliminary Engineering- 15.0%	\$292,000
Construction Inspection- 12.5%	\$243,000
Project subtotal	\$2,480,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	10%
	\$248,000
Project Total	\$2,728,000



# TRAIL 03

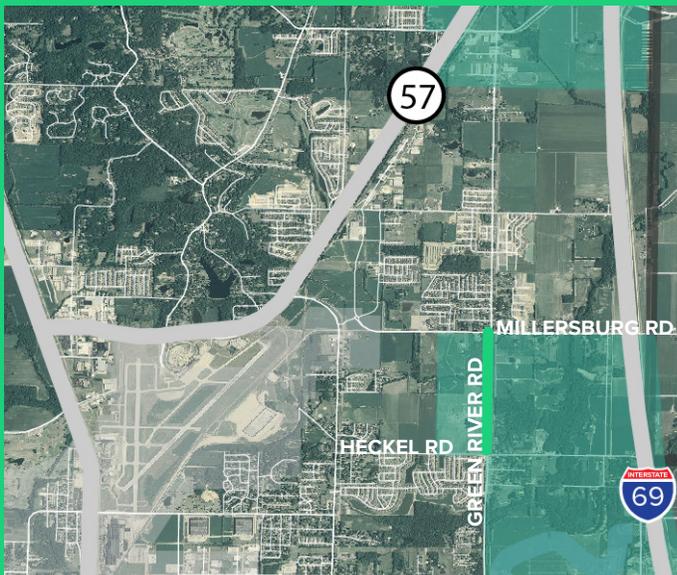
**LOCATION:** GREEN RIVER RD TRAIL, MILLERSBURG RD TO HECKEL RD

**DESCRIPTION:** TRAILWAY ALONG GREEN RIVER RD

**PROJECT SCORING:** 85

**OVERALL COST:** \$3,019,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Trailway		5230	LFT	\$255	\$1,333,650
Construction Engineering	105	1	LS	\$35,000	\$35,000
Mobilization and Demobilization	110	1	LS	\$87,000	\$87,000
Clearing Right of Way	201	1	LS	\$35,000	\$35,000
Stormwater Management Budget	205	1	LS	\$35,000	\$35,000
Drainage	720	1	LS	\$87,000	\$87,000
Signage and Pavement Markings	800	1	LS	\$35,000	\$35,000
Maintaining Traffic	801	1	LS	\$87,000	\$87,000



DESCRIPTION	COST
Construction Subtotal	\$1,734,000
30.0% Contingency	\$520,000
Estimated Total- Construction	\$2,255,000
Preliminary Engineering- 15.0%	\$338,000
Construction Inspection- 12.5%	\$282,000
Project subtotal	\$2,875,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	5%
	\$144,000
Project Total	\$3,019,000

# TRAIL 04

**LOCATION:** GREEN RIVER RD TRAIL, LYNCH RD TO HECKEL RD

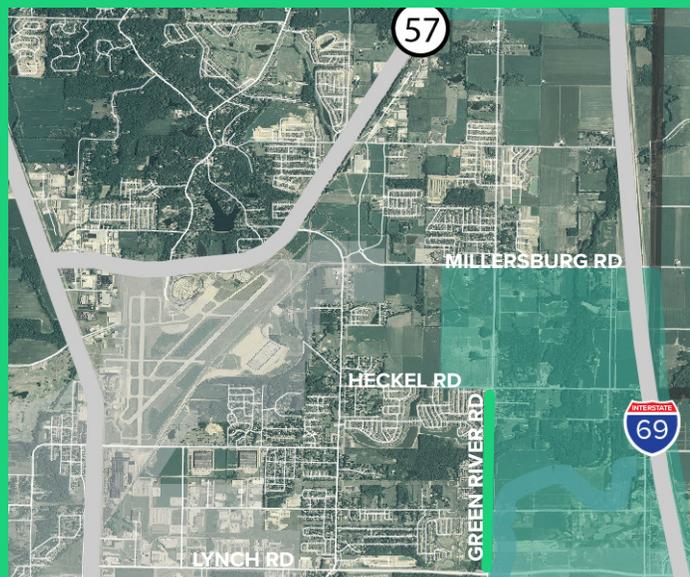
**DESCRIPTION:** TRAILWAY ALONG GREEN RIVER RD

**PROJECT SCORING:** 80

**OVERALL COST:** \$6,789,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Trailway		8010	LFT	\$375	\$3,003,750
Construction Engineering	105	1	LS	\$78,000	\$78,000
Mobilization and Demobilization	110	1	LS	\$195,000	\$195,000
Clearing Right of Way	201	1	LS	\$78,000	\$78,000
Stormwater Management Budget	205	1	LS	\$78,000	\$78,000
Drainage	720	1	LS	\$195,000	\$195,000
Signage and Pavement Markings	800	1	LS	\$78,000	\$78,000
Maintaining Traffic	801	1	LS	\$195,000	\$195,000

DESCRIPTION	COST
Construction Subtotal	\$3,900,750
30.0% Contingency	\$1,170,000
Estimated Total- Construction	\$5,071,000
Preliminary Engineering- 15.0%	\$761,000
Construction Inspection- 12.5%	\$634,000
Project subtotal	\$6,466,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	5%
	\$323,000
Project Total	\$6,789,000



# TRAIL 05

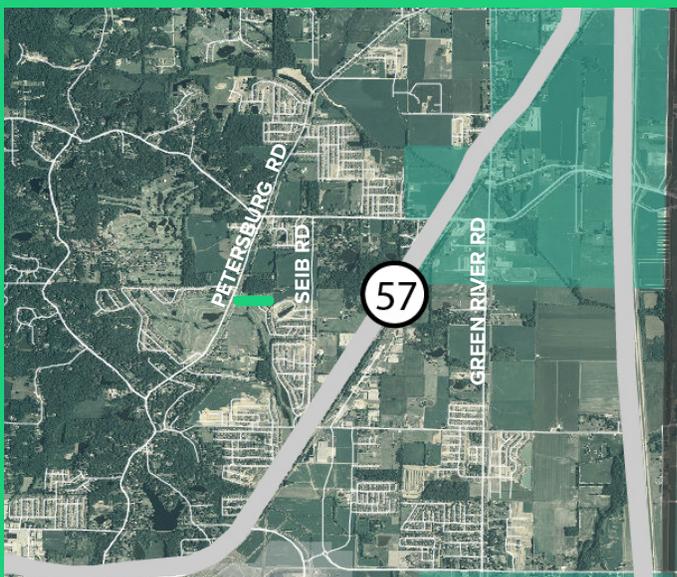
**LOCATION:** MCCUTCHANVILLE/NORTH MIDDLE SCHOOL TRAIL, EAST OF PETERSBURG, NORTH OF EAGLE CROSSING DR

**DESCRIPTION:** TRAILWAY

**PROJECT SCORING:** 35

**OVERALL COST:** \$764,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Trailway		1213	LFT	\$255	\$309,315
Construction Engineering	105	1	LS	\$8,000	\$8,000
Mobilization and Demobilization	110	1	LS	\$20,000	\$20,000
Clearing Right of Way	201	1	LS	\$8,000	\$8,000
Stormwater Management Budget	205	1	LS	\$8,000	\$8,000
Drainage	720	1	LS	\$20,000	\$20,000
Signage and Pavement Markings	800	1	LS	\$8,000	\$8,000
Maintaining Traffic	801	1	LS	\$20,000	\$20,000



DESCRIPTION	COST
Construction Subtotal	\$401,315
30.0% Contingency	\$120,000
Estimated Total- Construction	\$521,000
Preliminary Engineering- 15.0%	\$78,000
Construction Inspection- 12.5%	\$65,000
Project subtotal	\$664,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	15%
	\$100,000
Project Total	\$764,000

# TRAIL 06

**LOCATION:** NORTH HIGH SCHOOL TRAIL TO KINGSMONT SUBDIVISION

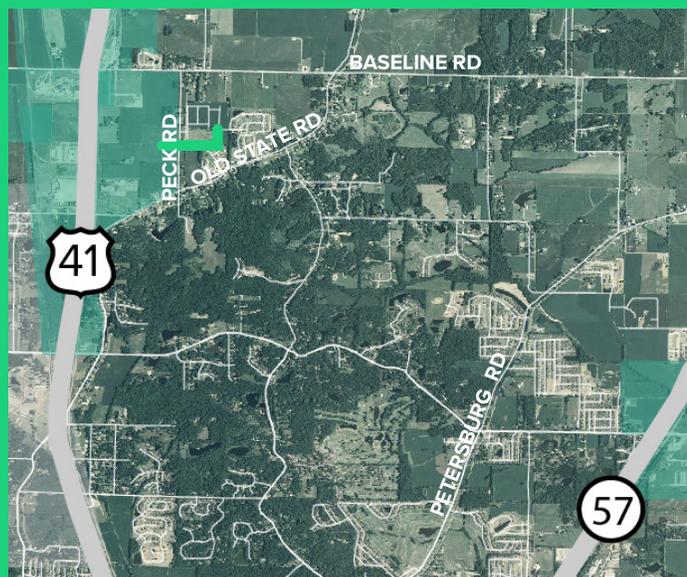
**DESCRIPTION:** TRAILWAY

**PROJECT SCORING:** 70

**OVERALL COST:** \$1,405,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Trailway		2220	LFT	\$255	\$566,100
Construction Engineering	105	1	LS	\$15,000	\$15,000
Mobilization and Demobilization	110	1	LS	\$37,000	\$37,000
Clearing Right of Way	201	1	LS	\$15,000	\$15,000
Stormwater Management Budget	205	1	LS	\$15,000	\$15,000
Drainage	720	1	LS	\$37,000	\$37,000
Signage and Pavement Markings	800	1	LS	\$15,000	\$15,000
Maintaining Traffic	801	1	LS	\$37,000	\$37,000

DESCRIPTION	COST
Construction Subtotal	\$737,100
30.0% Contingency	\$221,000
Estimated Total- Construction	\$958,000
Preliminary Engineering- 15.0%	\$144,000
Construction Inspection- 12.5%	\$120,000
Project subtotal	\$1,222,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	15%
	\$183,000
Project Total	\$1,405,000



# TRAIL 07

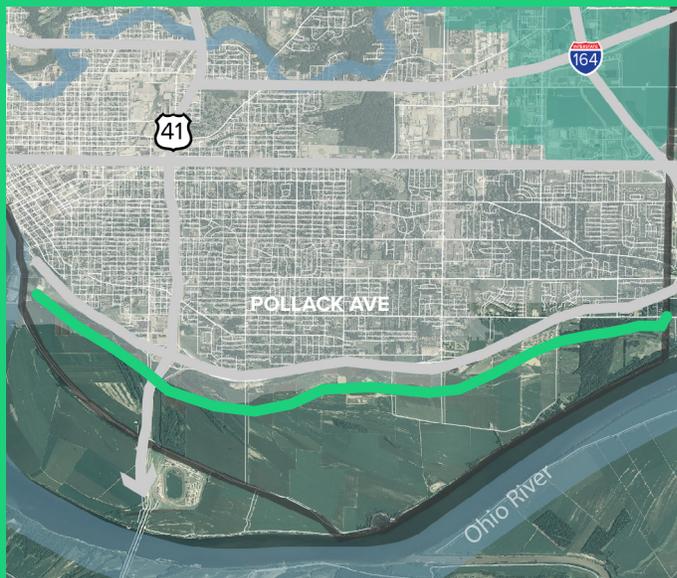
**LOCATION:** PIGEON CREEK GREENWAY, SUNRISE PARK TO ANGEL MOUNDS PARK

**DESCRIPTION:** TRAILWAY

**PROJECT SCORING:** 50

**OVERALL COST:** \$23,248,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Trailway		40338	LFT	\$255	\$10,286,190
Construction Engineering	105	1	LS	\$267,000	\$267,000
Mobilization and Demobilization	110	1	LS	\$668,000	\$668,000
Clearing Right of Way	201	1	LS	\$267,000	\$267,000
Stormwater Management Budget	205	1	LS	\$267,000	\$267,000
Drainage	720	1	LS	\$668,000	\$668,000
Signage and Pavement Markings	800	1	LS	\$267,000	\$267,000
Maintaining Traffic	801	1	LS	\$668,000	\$668,000



DESCRIPTION	COST
Construction Subtotal	\$13,358,190
30.0% Contingency	\$4,007,000
Estimated Total- Construction	\$17,365,000
Preliminary Engineering- 15.0%	\$2,605,000
Construction Inspection- 12.5%	\$2,171,000
Project subtotal	\$22,141,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	5%
	\$1,107,000
Project Total	\$23,248,000



# DRAINAGE 01

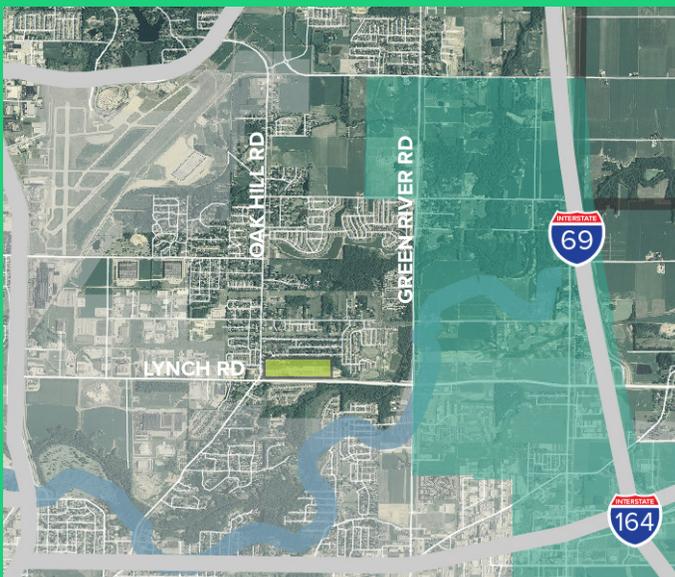
**LOCATION:** ELMRIDGE DR

**DESCRIPTION:** DRAINAGE BETWEEN ELMRIDGE AND LYNCH RD

**PROJECT SCORING:** N/A

**OVERALL COST:** \$191,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Drainage, ditched		1600	LFT	\$48	\$76,800
Construction Engineering	105	1	LS	\$2,000	\$2,000
Mobilization and Demobilization	110	1	LS	\$5,000	\$5,000
Clearing Right of Way	201	1	LS	\$2,000	\$2,000
Stormwater Management Budget	205	1	LS	\$2,000	\$2,000
Drainage	720	1	LS	\$5,000	\$5,000
Signage and Pavement Markings	800	1	LS	\$2,000	\$2,000
Maintaining Traffic	801	1	LS	\$5,000	\$5,000



DESCRIPTION	COST
Construction Subtotal	\$99,800
30.0% Contingency	\$30,000
Estimated Total- Construction	\$130,000
Preliminary Engineering- 15.0%	\$20,000
Construction Inspection- 12.5%	\$16,000
Project subtotal	\$166,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	15%
	\$25,000
Project Total	\$191,000

# DRAINAGE 02

**LOCATION:** FRANKLIN RD AND ELM AVE AND WOODS AVE

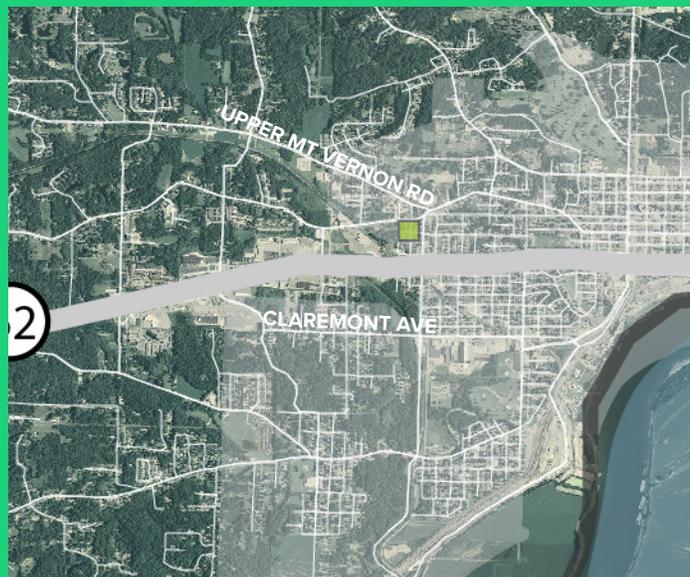
**DESCRIPTION:** DRAINAGE, BLOCK BOUND BY THESE ROADS

**PROJECT SCORING:** N/A

**OVERALL COST:** \$214,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Drainage, piped		820	LFT	\$105	\$86,100
Construction Engineering	105	1	LS	\$2,000	\$2,000
Mobilization and Demobilization	110	1	LS	\$6,000	\$6,000
Clearing Right of Way	201	1	LS	\$2,000	\$2,000
Stormwater Management Budget	205	1	LS	\$2,000	\$2,000
Drainage	720	1	LS	\$6,000	\$6,000
Signage and Pavement Markings	800	1	LS	\$2,000	\$2,000
Maintaining Traffic	801	1	LS	\$6,000	\$6,000

DESCRIPTION	COST
Construction Subtotal	\$112,100
30.0% Contingency	\$34,000
Estimated Total- Construction	\$146,000
Preliminary Engineering- 15.0%	\$22,000
Construction Inspection- 12.5%	\$18,000
Project subtotal	\$186,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	15%
	\$28,000
Project Total	\$214,000



# DRAINAGE 03

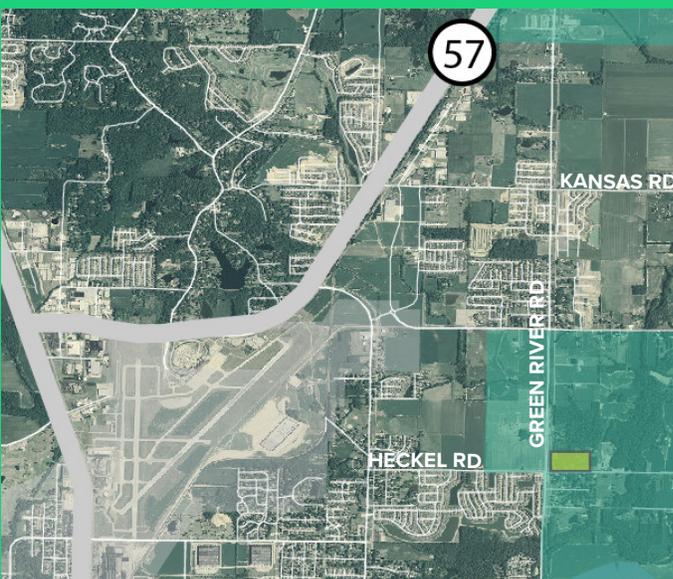
**LOCATION:** GREEN RIVER RD AND HECKEL RD

**DESCRIPTION:** DRAINAGE, NORTHEAST OF INTERSECTION HECKEL RD AND GREEN RIVER RD

**PROJECT SCORING:** N/A

**OVERALL COST:** \$39,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Drairage, ditched		370	LFT	\$48	\$17,760
Construction Engineering	105	1	LS	\$0	\$0
Mobilization and Demobilization	110	1	LS	\$1,000	\$1,000
Clearing Right of Way	201	1	LS	\$0	\$0
Stormwater Management Budget	205	1	LS	\$0	\$0
Drainage	720	1	LS	\$1,000	\$1,000
Signage and Pavement Markings	800	1	LS	\$0	\$0
Maintaining Traffic	801	1	LS	\$1,000	\$1,000



DESCRIPTION	COST
Construction Subtotal	\$20,760
30.0% Contingency	\$6,000
Estimated Total- Construction	\$27,000
Preliminary Engineering- 15.0%	\$4,000
Construction Inspection- 12.5%	\$3,000
Project subtotal	\$34,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	15%
	\$5,000
Project Total	\$39,000

# DRAINAGE 04

**LOCATION:** MILL RD TO WIMBERG RD, LOCUST CREEK

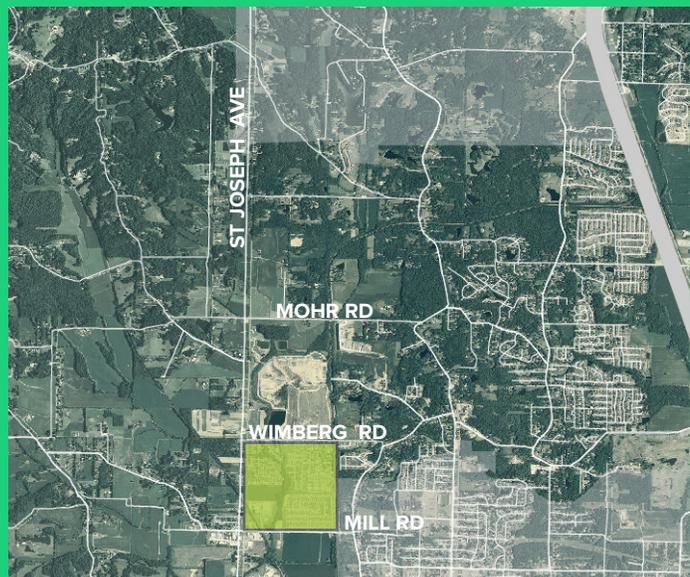
**DESCRIPTION:** DRAINAGE, NORTH OF MILL RD, SOUTH OF WIMBERG RD, EACH OF ST JOSEPH AVE

**PROJECT SCORING:** N/A

**OVERALL COST:** \$461,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Drainage, ditched		3870	LFT	\$48	\$185,760
Construction Engineering	105	1	LS	\$5,000	\$5,000
Mobilization and Demobilization	110	1	LS	\$12,000	\$12,000
Clearing Right of Way	201	1	LS	\$5,000	\$5,000
Stormwater Management Budget	205	1	LS	\$5,000	\$5,000
Drainage	720	1	LS	\$12,000	\$12,000
Signage and Pavement Markings	800	1	LS	\$5,000	\$5,000
Maintaining Traffic	801	1	LS	\$12,000	\$12,000

DESCRIPTION	COST
Construction Subtotal	\$241,760
30.0% Contingency	\$73,000
Estimated Total- Construction	\$315,000
Preliminary Engineering- 15.0%	\$47,000
Construction Inspection- 12.5%	\$39,000
Project subtotal	\$401,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	15%
	\$60,000
Project Total	\$461,000



# DRAINAGE 05

**LOCATION:** OLD PRINCETON RD

**DESCRIPTION:** DRAINAGE, 1.25 MI. NORTH OF BASELINE RD

**PROJECT SCORING:** N/A

**OVERALL COST:** \$452,000

DESCRIPTION	ITEM	QTY	UNIT	UNIT PRICE	TOTAL
Drainage, piped		1720	LFT	\$105	\$180,600
Construction Engineering	105	1	LS	\$5,000	\$5,000
Mobilization and Demobilization	110	1	LS	\$12,000	\$12,000
Clearing Right of Way	201	1	LS	\$5,000	\$5,000
Stormwater Management Budget	205	1	LS	\$5,000	\$5,000
Drainage	720	1	LS	\$12,000	\$12,000
Signage and Pavement Markings	800	1	LS	\$5,000	\$5,000
Maintaining Traffic	801	1	LS	\$12,000	\$12,000



DESCRIPTION	COST
Construction Subtotal	\$236,600
30.0% Contingency	\$71,000
Estimated Total- Construction	\$308,000
Preliminary Engineering- 15.0%	\$46,000
Construction Inspection- 12.5%	\$39,000
Project subtotal	\$393,000
Project Contingency- (% varies based on project type and location)- Land Acquisition Costs, Utility Relocations, Environmental Mitigation	15%
	\$59,000
Project Total	\$452,000

