



# Transportation Times

## Adams-Allen-DeKalb-Wells

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## Transportation Improvement Program (TIP)

The TIP, Transportation Improvement Program, is a four-year transportation plan that outlines the projects that will be started in the next four years. Due to the limited amount of local, state, and federal funding available each year for transportation improvements, it is important to prioritize the projects and in some cases, space out the phases of a project over several years. The phases a project goes through include preliminary engineering, right-of-way engineering and acquisition, and construction. What year the phase of a project is undertaken is determined based on the availability of funding and the cost of the project phase. The priority of projects is assessed each year when the Urban Transportation Advisory Board (UTAB) updates the TIP after an evaluation of each project's progress and the available funds.

Projects for the TIP are taken from the current long range transportation plan. The most recent long range plan is the 2035 Long-Range Transportation Plan. The 2035 Transportation Plan is a comprehensive transportation plan that addresses the future needs of the transportation system. It includes highway, transit, pedestrian, and bicycle improvement projects and policies. The projects and policies help the Northeastern Indiana Regional Coordinating Council (NIRCC), UTAB, and all the various jurisdictions address the future needs of the transportation system.

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T

A

B

**Hazardous Intersection Improved by HES & HSIP**

The intersection of Washington Center Road and Dartmouth Drive had a negative reputation for many years as a hazardous intersection in Fort Wayne. The problematic intersection created safety concerns on this major corridor after it was signalized in November of 1988. Additional housing in the late 1980's gave warrant to the signal providing access to residential neighborhoods north and south of the intersection. Located just east of this location is a public middle school and private Catholic high school. Washington Center Road, a minor arterial, is the primary east/west roadway for this area of Fort Wayne. In the year 2000 when NIRCC began conducting a safety analysis for this intersection the roadway was carrying approximately 29,000 vehicles per day. This intersection was the only signalized intersection along this major corridor that did not have dedicated left turn lanes.

Citizens and school officials contacted the City of Fort Wayne numerous times about addressing crashes at this location. Some residents near the intersection expressed concerns about widening the roadway, increasing speeds and accommodating additional traffic. There was also concern that the widened roadway would put sidewalks closer to the street and have a negative impact on property values resulting from higher speeds, smaller front lawns, and a loss of their neighborhood feel.

In 2000, NIRCC began a new initiative to obtain HES (Hazard Elimination Safety Program) funds to install left turn lanes at this intersection and improve the entire corridor. The HES funds were approved and the project began to move forward. Residents were informed of another proposal to

**(Continued on page 10)**

**TIP continued...**



**TIP continued...**

The Fiscal Year (FY) 2016-2019 TIP has been approved by NIRCC's advisory boards and has been approved from State and Federal Agencies. The TIP is available on NIRCC's website at [www.nircc.com](http://www.nircc.com). You can also see a summarized version of the FY 2016-2019 TIP projects starting on page 3 of this newsletter. Pages 3 through 9 list the projects that are funded with local, state, and federal funds. There are maps illustrating the local and state TIP projects on pages 3 and 7.

**TIP Abbreviations**

PE=Preliminary Engineering RW=Right-of-way CN=Construction



# Transportation Improvement Program - Fiscal Year 2016-2019

## Federally and Locally Funded Projects

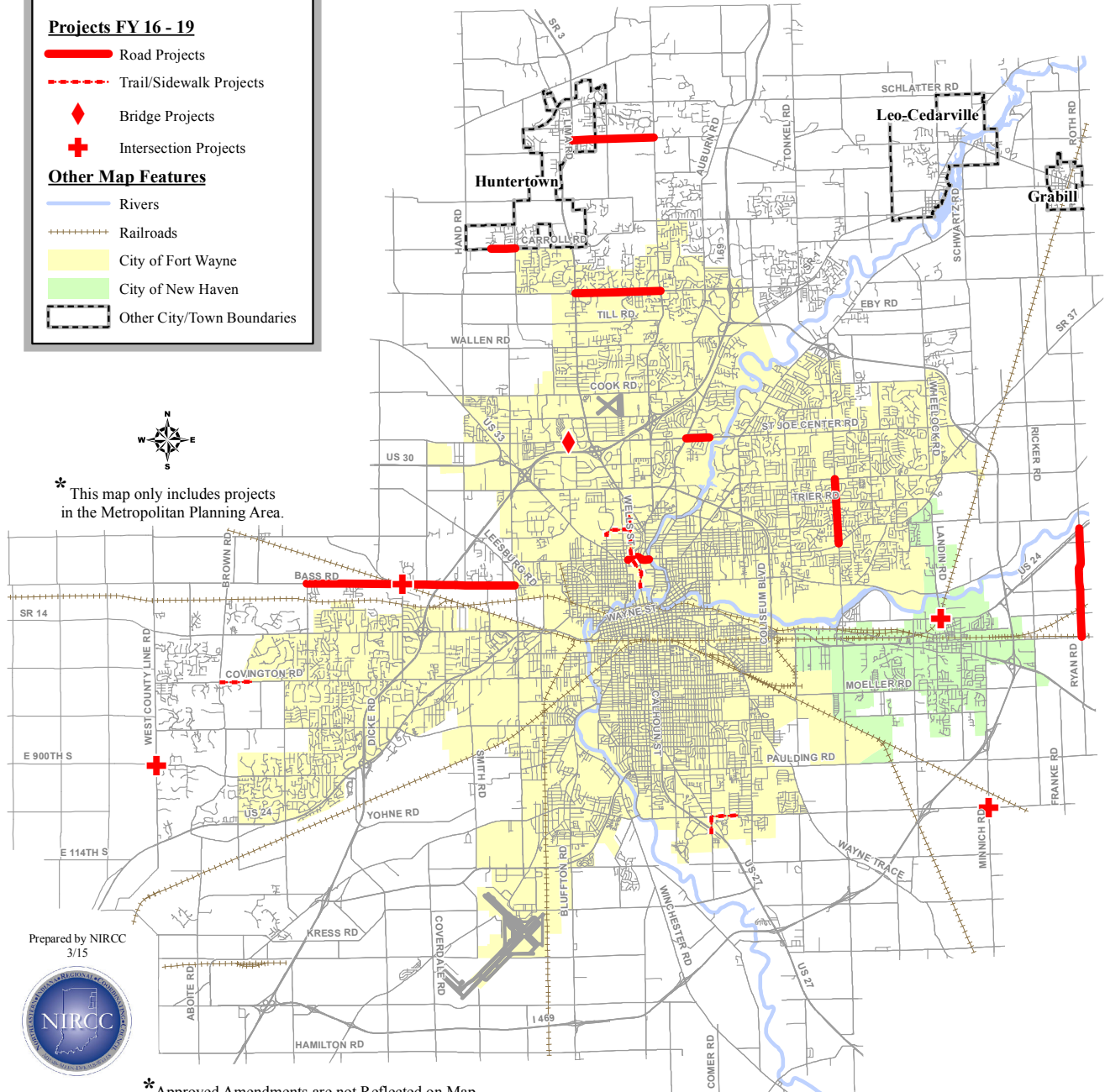
**Local TIP**

**Projects FY 16 - 19**

- ▬ Road Projects
- - - Trail/Sidewalk Projects
- ◆ Bridge Projects
- + Intersection Projects

**Other Map Features**

- Rivers
- - - Railroads
- City of Fort Wayne
- City of New Haven
- Other City/Town Boundaries



Prepared by NIRCC  
3/15



\* Approved Amendments are not Reflected on Map.

## FY 2016 TIP Locally Funded Projects

Project	Phase	Improvement Type
Auburn Rd & Wallen Rd	CN	Intersection Improvements
Diebold Road - Clinton Street to Dupont Road/SR 1	PE	Road Widening
Ellison Rd: Bridge #228 over McCulloch Ditch	RW	New Bridge Construction
Landin Rd/Maysville Rd/Trier Rd	CN	Roundabout
Maysville Rd - Stellhorn Rd to Meijer Dr	RW	Road Widening
Maysville Rd: Bridge #528 over the Bullerman	CN	Bridge Rehabilitation & Widening
Melbourne Drive - Kirkmore Drive to Sherbrook Drive	CN	Replacement of asphalt
South Street - West Street to State Street	CN	Road Reconstruction
West Hamilton Rd: Bridge #221 over Beal-Taylor Ditch	CN	New Bridge Construction
N. West Street & Hoff Court	CN	Road Reconstruction

## FY 2017 TIP Locally Funded Projects

Project	Phase	Improvement Type
Diebold Rd - Clinton St to Dupont Rd/SR 1	RW/CN	Road Widening
State St - Bridge over Bullerman Ditch	CN	Bridge Rehabilitation

## FY 2018 TIP Locally Funded Projects

Project	Phase	Improvement Type
Goshen Ave - State Blvd to Coliseum Blvd	CN	Road Reconstruction/Roundabout

## FY (TBD) TIP Locally Funded Projects

Project	Phase	Improvement Type
Ellison Rd - Bridge over Graham-McCulloch Ditch	CN	New Bridge Construction
Hathaway Rd at Corbin Rd	CN	Intersection Improvements
Leesburg Rd - Main St to West Jefferson Blvd	CN	New Road Construction
Ludwig Rd at Coldwater Rd	CN	Intersection Improvements

## FY 2016 TIP Federally and Locally Funded Projects

Project	Phase	Improvement Type
Allen County Bridges	PE	Bridge Inspections
Bass Rd - Clifty Pkwy to Thomas Rd	RW	Road Reconstruction
Broadway, Landin Rd and Rose Ave Intersection	PE	Intersection Realignment
Carroll Rd (Huntertown) - Preserve Blvd to Bethel Rd	CN	Road Reconstruction
Closed Circuit TV Cameras (CCTV)-16 locations Ft Wayne	CN	Traffic Management
Covington Rd Trail - West Hamilton Rd to Beal-Taylor Ditch	CN	New Trail Construction
Dupont Rd - Lima Rd (SR 3) to Coldwater Rd	RW	Added Travel Lanes/Ped Underpass
Gump Rd - SR 3 to Coldwater Rd	CN	Road Reconstruction
Liberty Mills Rd and County Line Rd Intersection	RW	Intersection Improvement/Realign

## FY 2016 TIP Federally and Locally Funded Projects continued...

Project	Phase	Improvement Type
Maplecrest Rd - State Blvd to Stellhorn Rd	RW	Road Reconstruction
Minnich Rd and Tillman Rd	PE	Intersection Improvements
Pedestrian Countdown Indicators - Various locations Ft Wayne	CN	Signal Modernization
St Joe Center Rd - Clinton St to Campus Ct	PE	Center-Left Turn Lane
Signal Interconnections - 91 intersection locations Ft Wayne	CN	Signal Modernization
State Blvd - Spy Run Ave to Cass St	RW	Added Travel Lanes
Traffic Signal Upgrade	CN	Signal Visibility Improvements

## FY 2017 TIP Federally and Locally Funded Projects

Project	Phase	Improvement Type
Bass Rd and Hadley Rd Intersection	CN	Intersection Improvements
Bass Rd - Shakespeare Blvd to Clifty Pkwy (& Bridge)	CN	Road Reconstruction
Bass Rd - Thomas Rd to Hillegas Rd	RW	Road Reconstruction
Maplecrest Rd - State Blvd to Stellhorn Rd	RW	Road Reconstruction
Minnich Rd and Tillman Rd	RW	Intersection Improvements
Pufferbelly Trail - Fourth St to Fernhill Ave	CN	New Trail Construction
Ryan Rd/Bruick Rd - Dawkins Rd to Harper Rd	CN	Road Reconstruction
Six Mile Creek Trail	CN	New Trail Construction
St Joseph Ctr Rd - Clinton St to Campus Ct	RW	Center-Left Turn Lane
Washington Center Rd - Bridge over Spy Run Creek	RW	Bridge Reconstruction

## FY 2018 TIP Federally and Locally Funded Projects

Project	Phase	Improvement Type
Broadway, Landin Rd and Rose Ave Intersection	RW	Intersection Improvements
Dupont Rd - Lima Rd (SR 3) to Coldwater Rd	CN	Added Travel Lanes/Ped Underpass
Liberty Mills Rd and County Line Rd Intersection	CN	Intersection Improvement/Realign
Minnich Rd and Tillman Rd Intersection	CN	Intersection Improvements
Ryan Rd/Bruick Rd - Harper Rd to US 24	CN	Road Reconstruction
St Joe Center Rd - Clinton St to Campus Ct	CN	Center-Left Turn Lane
State Blvd - Spy Run Ave to Clinton St	CN	Added Travel Lanes
Washington Center Rd over Spy Run Creek	CN	Bridge Reconstruction

## FY 2019 TIP Federally and Locally Funded Projects

Project	Phase	Improvement Type
Bass Rd - Hadley Rd to Scott Rd	RW	Road Reconstruction
Maplecrest Rd - State Blvd to Stellhorn Rd	CN	Road Reconstruction
State Blvd - Clinton St to Cass St	CN	Added Travel Ln/Bridge/Ped Bridge

## FY 2015 Human Services Agencies (2014 Funding Cycle)

### Community Transportation Network

One (1) Medium Transit Vehicle  
Operating Funds

### Recovery Health Services, Inc.

One (1) Medium Transit Vehicle w/Lift

### Aging & In-Home Services of Northeastern IN

One (1) Low Floor Mini-van w/Lift  
One (1) Low Floor Mini-van w/Ramp

## FY 2016 Fort Wayne Public Transportation Corporation

One (1) Heavy Duty Replacement Hybrid Buses  
One (1) Replacement Minibus (Body on Chassis)  
FLEX Route  
Computer/Office Equipment  
AVL/Communication Hardware/Subscription Cost  
Other Maintenance Equipment

CMAQ - Transit Awareness  
Capitalization of Maintenance Costs  
Complimentary Paratransit Costs  
5307 Special Rule Operations  
Transit Enhancements

## FY 2017 Fort Wayne Public Transportation Corporation

Three (3) replacement light-duty transit vehicles  
Four (4) Replacement Minibus (Body on Chassis)  
ACCESS  
Two (2) Heavy Duty Replacement Hybrid Buses  
One (1) Replacement Minibus (Body on Chassis)  
FLEX Route

Capitalization of Maintenance Costs  
Complimentary Paratransit Costs  
5307 Special Rule Operations

## FY 2018 Fort Wayne Public Transportation Corporation

Four (4) Replacement Minibus (Body on Chassis)  
ACCESS  
Computer/Office Equipment  
AVL/Communication Hardware/Subscription Cost

Other Maintenance Equipment  
Capitalization of Maintenance Costs  
Complimentary Paratransit Costs  
5307 Special Rule Operations

## FY 2019 Fort Wayne Public Transportation Corporation

Two (2) Heavy Duty Replacement Hybrid Buses  
Computer/Office Equipment  
AVL/Communication Hardware/Subscription Cost  
Other Maintenance Equipment






Transit Enhancements  
Capitalization of Maintenance Costs  
Complimentary Paratransit Costs  
5307 Special Rule Operations

# Transportation Improvement Program - Fiscal Year 2016-2019






## Federally and State Funded Projects

**Indiana Department of Transportation**  
**(Major Projects)**

**Projects FY 16 - 19**

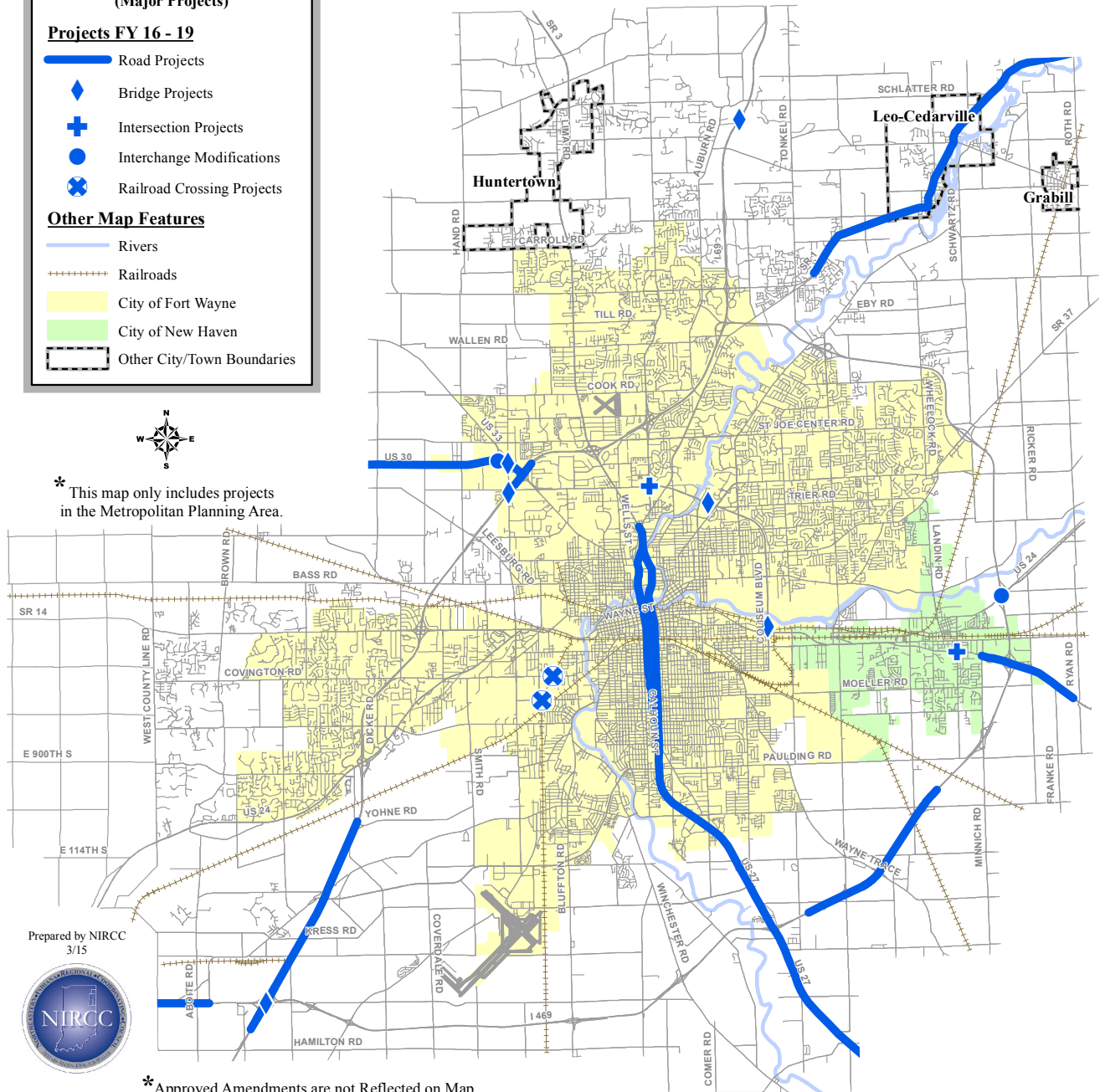
-  Road Projects
-  Bridge Projects
-  Intersection Projects
-  Interchange Modifications
-  Railroad Crossing Projects

**Other Map Features**

-  Rivers
-  Railroads
-  City of Fort Wayne
-  City of New Haven
-  Other City/Town Boundaries



\* This map only includes projects in the Metropolitan Planning Area.



Prepared by NIRCC  
3/15



\* Approved Amendments are not Reflected on Map.

## FY 2016 TIP INDOT (major) Projects

<b>Project</b>	<b>Phase</b>	<b>Improvement Type</b>
SR 1: 1.96 mi e/o I-69 to 8.06 mi s/of SR 8 (Allen/DeKalb Co. Line)	CN	HMA Overlay
US 27: from 7.83 mi n/o US 224 N Jct to 18.24 mi n/o N Jct US 224, Pettit Ave	CN	HMA Overlay
US 27: from 5.74 mi s/of SR 930 (Pettit Ave) to 1.01 mi s/of SR 930 (Edgewood Dr)	PE RW	HMA Overlay
US 30: from 8.02 mi w/o I-69 (Near Allen/Whitley Co Line) to I-69	CN	HMA Overlay
US 30: from I-469 to 1.55 mi east of I-469	CN	Concrete Pavement Restoration
US 30: 0.23 mi e/o US 33 (Hillegas Rd over US 30/33)	PE	Bridge Replacement
I-69: SB at the I-469 S Jct weave area	CN	Interchange Modification
I-69: Bridge over Cedar Creek (NB & SB), 3.62 mi n/o SR 1	CN	Bridge Deck Replacement
I-69: Bridge on Yoder Rd over I-69, 7.75 mi n/o US 224	PE/CN	Replace Superstructure
I-69: NB & SB lanes at US 30 Interchange Weave Area	CN	Interchange Modification
I-69: SB ramps at Lower Huntington Rd	CN	New Signal Installation
I-69: From 0.64 mi s/o I-469 to 4.20 mi n/o I-469, Yohne Rd bridge	CN	HMA Overlay
SR 101: From 0.18 mi n/o US 24 to 8.49 mi n/o US 24 I-469 at the US 24 Interchange	CN PE	HMA Overlay Interchange Modification
I-469: 5.51 mi s/o US 24, (I-469 bridge over I-69 EBL & WBL)	CN	Bridge Deck Overlay
SR 930: Bridge over NS RR, WBL, 5.07 mi w/o I-469	CN	Bridge Deck Overlay
SR 930: from 0.71 mi w/o I-469 (Minnich Rd) to I-469	CN	Concrete Pavement Restoration
SR 930: 0.77 mi e/o US 27 (at Coldwater Rd), Add Right turn Lanes on N, E & W Approaches	CN	Intersection Improvement/Added Turn Lanes
Covington Road at NS Railroad Crossing in Fort Wayne	CN	Railroad Protection
IPFW Pedestrian Bridge over Coliseum Blvd	CN	Bike/Pedestrian Facilities
Lafayette Center Rd/CR 900N: from US 24 to Fogwell Dr (1.20 mi w/o I-69)	CN	Utility Relocation
Lafayette Center Rd/CR 900N: from US 24 to Fogwell Dr (1.20 mi w/o I-69)	CN	New Bridge, other
Lafayette Center Rd/CR 900N: from US 24 to Fogwell Dr (1.20 mi w/o I-69)	CN	Road Reconstruction & Realignment
Nuttman Road at NS Railroad Crossing in Fort Wayne	CN	Railroad Protection



## FY 2017 TIP INDOT (major) Projects

Project	Phase	Improvement Type
SR 1: from 11.39 mi e/o I-69, Allen/DeKalb Co Line to SR 8	CN	HMA Overlay
US 27: Between 5.74 mi s/o SR 930 (Pettit Ave) to 1.01 mi s/o SR 930 (Edgewood Dr)	CN	Traffic Signals Modernization
US 27: from 5.74 mi s/of SR 930 (Pettit Ave) to 1.01 mi s/of SR 930 (Edgewood Dr)	CN	HMA Overlay
US 30: at US 33, 0.66 mi w/o I-69	CN	Interchange Modification
US 30: 0.23 mi e/o US 33 (Hillegas Rd over US 30/33)	RW	Bridge Replacement
I-69: Bridge over Eight Mile Creek (NBL & SBL) 6.68 mi n/o US 224	CN	Bridge Deck Overlay
I-69: Hillegas Road Bridge over I-69, 0.48 mi s/o US 30	CN	Bridge Deck Replacement/Widening
I-469: from 0.85 mi e/o US 27 to 3.14 mi s/o US 30	CN	Pavement Replacement
I-469: Bridge Over CFE Railroad EBL & WBL, 3.81 mi s/o US 30	CN	Bridge Thin Deck Overlay
I 469, Bridge Over Tillman Road EBL & WBL, 3.62 mi s/o US 30	CN	Bridge Thin Deck Overlay
I 469, Bridge Over CFE Railroad EBL & WBL, 2.71 mi w/o US 30	CN	Bridge Thin Deck Overlay
I-469 at the US 24 Interchange	RW/CN	Interchange Modification
SR 930: 1.1 mi e/o I-469 at the Intersection of Green St in New Haven	CN	Intersection Improvement/Added Turn Lanes
SR 930: 0.77 mi e/o US 27 (at Coldwater Rd), Add Right turn Lanes on N, E & W Approaches	CN	Intersection Improvement/Added Turn Lanes

## FY 2018 TIP INDOT (major) Projects

Project	Phase	Improvement Type
US 30: 0.23 mi e/o US 33 (Hillegas Rd over US 30/33)	RW/CN	Bridge Replacement
I-69: Hillegas Road Bridge over I-69, 0.48 mi s/o US 30	CN	Bridge Deck Replacement/Widening
I-69: Various Locations	CN	Install New Cable Barriers
I-469 at the US 24 Interchange	RW	Interchange Modification

## FY 2019 TIP INDOT (major) Projects

Project	Phase	Improvement Type
US 30: 0.23 miles e/o US 33 (Hillegas Rd over US 30/33)	CN	Bridge Replacement
I-469 at the US 24 Interchange	CN	Interchange Modification

## Hazardous Intersection Improved by HES & HSIP Funds continued...

improve safety at the intersection, and similar concerns were raised. City leaders, engineers, consultants and planners listened to the concerns and made attempts to design the roadway in a manner to meet the major concerns from the residents while also meeting the objective of the project.

Many efforts were made to balance the needed safety improvements with the needs of the community to be context sensitive. Lane widths were narrowed to provide for a calmer design speed and to minimize the amount of right of way needed to install left turn lanes. The needed turn lanes were incorporated into the design to provide for a safe refuge area for turning vehicles while still maintaining two through lanes in each direction. These compromises aided in addressing both the needs of the roadway and protection for the surrounding residential properties.

The project was approved and began to develop in 2002 but was not completed until 2011. Over a ten year period (2002 to 2011) there were 277 reported crashes at this intersection. Of these crashes there

were 67 injury crashes and 1 fatal crash. The time needed to design the improvements, work through the citizen involvement, and obtain needed right of way consumed over 9 years. The actual construction took less than 6 months.

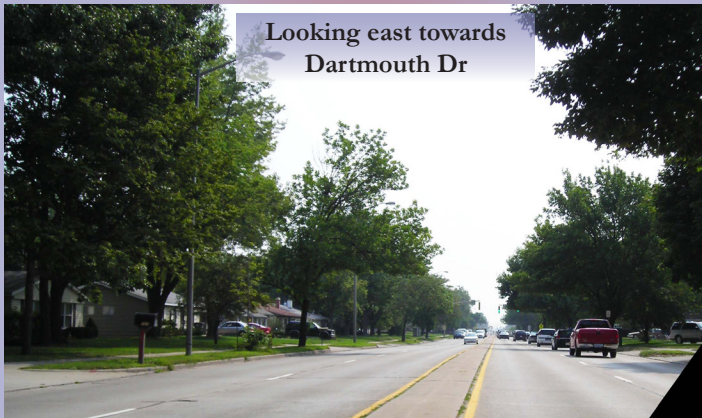
Since construction of left turn lanes for Washington Center Rd was completed the intersection has experienced a significant reduction in congestion and crashes. The residential properties adjacent to the roadway have been enhanced with new sidewalks and park strip areas as well. The graph below shows the crash frequencies and number of injury crashes experienced before and after the improvements were made. The following pages show before and after pictures.

The Northeastern Indiana Regional Coordinating Council found that the improvements at this location exceeded the anticipated reduction in crashes. The average crash frequency for this location between 2002 and 2011 was 27.7 crashes per year. For the years 2012-2014 the average crash frequency was 5.3, which is an 81% reduction in all crashes. Similarly,

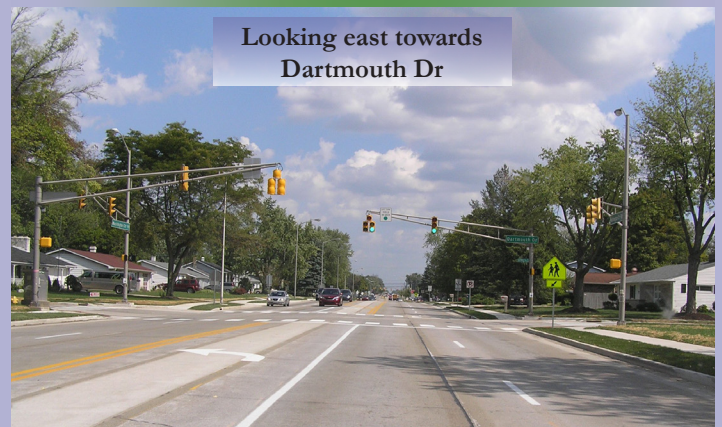
**Number of Crashes from 2002-2014**



## Washington Center Rd Before Project



## Washington Center Rd After Project



the number of injury crashes also dropped by 81% from a yearly average of 6.7 to 1.3.

The entering number of vehicles has remained at approximately 30,000 per day throughout the 13 year analysis period. The average rate per million vehicles (RMV) however has dropped from 2.56 to 0.49, which is a reduction of 81%. The table on the following page shows an estimated cost savings from crash reductions of approximately \$1 million per year since the improvements were completed. Using that figure for 2012 through 2014 the project has saved more than 3 million dollars! Overall the project proved to have a very positive impact on safety for motorists that utilize this section of roadway.

Crash Type	Cost Per Crash (values used for HES eligibility)	Average Number of Crashes Reduced Per Year	Total Savings
Property Damage Only	\$6,500	16.5	\$321,750
Injury / Fatal	\$42,500	5.5	\$701,250
<b>Total Savings Per Year</b>			<b>\$1,023,000</b>



The intersection of Washington Center Rd and Dartmouth Dr prior to the roadway project in 2011.



The intersection of Washington Center Rd and Dartmouth Dr after the roadway project in 2011.



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