

DMTIP

Projects
FY 2020-2023

FY 2020-23 DMTIP PROJECT SECTION

Detailed in this section are the transportation improvement projects programmed for implementation during the DMTIP program period. Projects are illustrated in tabular form and grouped according to the governmental unit or agency responsible for implementation: City of Muncie, Delaware County, etc. The projects submitted for Enhancement Activities, Rural Bridges, Rural Roads and Rail Crossing Protection are not listed here until selected among similar projects statewide. Such projects, pending selection, are listed in the Illustrative Projects Chapter.

The projects submitted for the DMTIP are listed in the tables that follow. More project detail is listed on project pages in the Appendix with information concerning: aerial view, location, description, and planning support.

FUNDING SOURCE ABBREVIATIONS

Federal Funds: STBG – Surface Transportation Block Grant, IM – Interstate Maintenance, HSIP – Safety, TA – Transportation Alternatives, CMAQ – Congestion Mitigation Air Quality, PYB – Prior Year Balance funds were multi-year carryover funds that were used up by the end of FY 2019.

Local Funds: CBR - Cumulative Bridge Fund (County) LRS - Local Road & Street Funds
 CGI - Cardinal Greenways Incorporated MVH - Local Motor Vehicle / Highway Funds
 EDIT - Economic Development Income Tax YGF - Yorktown General Fund
 TIF - Tax Increment Financing District funds

Other Definitions: ITS – Intelligent Transportation System (for projects tied to ITS Architecture).

*(State) Fiscal Year – July 1st of previous year to June 30th of year Example: FY 2020 is 7/1/19 to 6/30/20.

OTHER ABBREVIATIONS

HMA Overlay is hot mix asphalt applied in a thin layer on pavement to extend the life of the pavement.

SUMMARY OF FEDERAL FUNDS AVAILABLE AND PROGRAMMED (for Projects of Local Public Agencies)

Fiscal Year	Available				Total
	STBG	HSIP	CMAQ	TA	
2020	\$ 305,077	460,228	790,429	133,364	\$ 1,689,098
2021	\$ 3,248,841	444,332	781,011	134,017	\$ 4,641,598
2022	\$ 1,680,401	444,332	781,011	134,017	\$ 3,039,761
2023	\$ 1,680,401	444,332	781,011	134,017	\$ 3,039,761
Total	\$ 6,914,720	\$1,793,224	\$3,133,462	\$ 535,415	\$ 12,376,821

Fiscal Year	Programmed				Total
	STBG	HSIP	CMAQ	STP-TA	
2020	\$ 1,356,318	0	60,000	272,780	\$ 1,689,098
2021	3,085,374	0	1,556,224	0	\$ 4,624,598
2022	\$ 1,428,000	0	1,215,000	240,000	\$ 2,883,000
2023	\$ 320,000	0	0	2,400,000	\$ 2,720,000
Total	\$ 4,172,694	\$ 0	\$2,831,224	\$ 2,912,780	\$ 9,916,698

TRANSPORTATION IMPROVEMENT PROGRAM - LOCAL URBAN PROJECTS

PROJECT NUMBER	PROJECT TYPE	PROJECT DESCRIPTION	PHASE	COST	FUND CODE	State Fiscal Year	Est. Cost to Complete Totals
Des # 1173229 City of Muncie R35802	Reconstruction	Wheeling Avenue from Centennial Avenue to McGalliard Road: reconstruct to current 3 and 5 lanes. (Change Order additions are highlighted) *Note: STP-3 is Group 3 federal funds, STP-U is federal funds for the Muncie Urbanized Area, Earmark is federal funds left from Demonstration Project #150.	PE	172,489	PYB	Prev	<u>\$ 4,621,085</u> PE: 215,611 RW: 982,835 RW2: 24,200 CN: 4,249,325 CN2: 28,446 CN3: 18,613 CE: 448,243 FY 19: 198,188 FY 20: 250,055 CE2: 13,135
			"	<u>43,122</u>	<u>Local</u>	<u>Prev</u>	
			RW1	189,710	Earmark	Prev.	
			"	596,558	STBG	Prev	
			"	<u>196,567</u>	<u>Local</u>	<u>Prev</u>	
			CN	689,353	Earmark	2019	
			"	1,710,107	STBG	2019	
			"	1,000,000	PYB	2019	
			"	<u>849,865</u>	<u>Local</u>	<u>2019</u>	
			RW2	19,360	STP-U	2022	
			"	<u>4,840</u>	<u>Local</u>	<u>2022</u>	
			CN2	9,030	STP-3	2022	
			"	13,727	Earmark	2022	
			"	<u>5,689</u>	<u>Local</u>	<u>2022</u>	
			CN3	14,890	STBG	2022	
			"	<u>3,723</u>	<u>Local</u>	<u>2022</u>	
CE	158,550	STBG	2019				
"	<u>39,638</u>	<u>Local</u>	<u>2019</u>				
CE	200,044	STBG	2020				
"	<u>50,011</u>	<u>Local</u>	<u>2020</u>				
CE2	10,508	STP-3	2022				
"	2,627	Local	2022				
Des#1592998 Yorktown R39110	Pedestrian	Nebo Road, from SR 32 to Sarasota Drive: new sidewalk one side.	PE	111,184	CMAQ	Prev	<u>\$ 756,875</u> PE: 138,980 CN: 673,715 CE: 83,160
			"	<u>27,796</u>	<u>Local</u>	<u>Prev</u>	
			CN/C.E.	605,500	CMAQ	2021	
"	151,375	Local	<u>2021</u>				
Des#1702868 Yorktown R39110	Pedestrian	Nebo Road, from Sarasota Drive to River Rd (BR 124): new sidewalk one side.	CN/C.E.	503,940	CMAQ	2021	<u>\$ 834,821</u> CN: 743,100 CE: 91,721
			"	163,917	STBG	2021	
			"	166,964	Local	2021	
Des#1700678 Yorktown R40329	Roundabout	River Road at Nebo Road and approaches: new roundabout.	PE	240,000	CMAQ	2018	<u>\$ 2,099,421</u> PE: 300,000 RW: 75,000 CN: 1,559,171 CE: 165,250
			"	<u>60,000</u>	<u>Local</u>	<u>2018</u>	
			RW	60,000	CMAQ	2020	
			"	<u>15,000</u>	<u>Local</u>	<u>2020</u>	
			CN/CE	1,215,000	CMAQ	2022	
			"	164,537	STP-3	2022	
"	344,884	Local	<u>2022</u>				
Des#1700680 Delaware Co. B40331	Bridge Replacement	BR #125, Nebo Road over York Prairie Creek, south of Kettner Drive: bridge replacement.	PE	239,520	STBG	2019	<u>\$ 2,334,400</u> PE: 299,400 RW: 65,000 CN: 1,750,000 CE: 220,000
			"	<u>59,880</u>	<u>CBR</u>	<u>2019</u>	
			RW	52,000	STBG	2021	
			"	<u>13,000</u>	<u>CBR</u>	<u>2021</u>	
			CN/CE	1,506,000	STBG	2022	
			"	<u>376,500</u>	<u>CBR</u>	<u>2022</u>	
CE	70,000	STBG	2023				
"	17,500	CBR	2023				
Des#1700681 Delaware Co. B40332	Bridge Replacement	BR #127, CR 600W over York Prairie Creek, north of Lone-beech: bridge replacement.	CN	951,114	STBG	2020	<u>\$ 1,354,092</u> CN: 1,188,892 CE: 165,200
			"	<u>237,778</u>	<u>CBR</u>	<u>2020</u>	
			CE	132,160	STBG	2020	
			"	33,040	CBR	2020	

Des# <u>1700751</u> City of Muncie R40343	Bicycle Pedestrian	Cultural Trail Phase 1: bicycle/ pedestrian paths routing from Dicks Street to White River Blvd along University and Pauline. TPC Res 21-16 on 11/17/2021 AQC Exempt 11/9/2021	PE " PE " RW " " CN/CE "	330,000 <u>82,500</u> 95,860 <u>23,965</u> 33,200 4,280 9,370 2,754,397 688,601	STBG <u>Local</u> STBG <u>Local</u> STBG STP-3 <u>Local</u> STBG Local	Prev Prev 2021 <u>2021</u> 2022 2022 <u>2022</u> 2023 2023	\$ <u>4,036,273</u> PE: 546,425 RW: 46,850 CN: 2,993,911 CE: 449,087
Des# <u>1801325</u> Delaware Co.	Planning	FY 2020 STBG funds in the Unified Planning Work Program.	PE "	55,000 13,750	STBG Local	2020 2020	\$ <u>329,813</u> 19PE: 329,813
Des #1592996 City of Muncie R39109	Bike/Ped. Trail	Kitselman Trailhead Phase 2: bicycle/ pedestrian trail connect- ing White River Corridor & Cardinal Greenway Trails.	PE " RR PE "	633,754 <u>158,438</u> 16,000 4,000	STBG <u>CGI/local</u> TA CGI/local	Prev Prev Prev Prev	\$ <u>2,034,787</u> PE: 792,192 RRPE: 20,000
Des # <u>1900774</u> City of Muncie	Bicycle Pedestrian	Kitselman Trail Phase 3: bicycle /pedestrian trail work on west side of White River.	PE " CN/CE "	272,780 <u>68,195</u> 2,400,000 600,000	STBG <u>Local</u> STBG Local	2020 <u>2020</u> 2024 2024	\$ <u>3,340,975</u> PE: 340,975 CN: 3,000,000
Des # <u>2001091</u> DMMPC	UPWP Planning Activities	FY 2021-2022 Unified Planning Work Program: planning activities	PE " " " "	249,425 755,000 <u>251,106</u> 237,632 59,408	PL/5303 STBG <u>Local</u> PL/5303 Local	2021 2021 <u>2021</u> 2022 2022	\$ <u>1,255,531</u> PE: 1,255,531 <u>\$ 297,040</u> PE: 297,040
Des #2003045 City of Muncie	Preventative Maintenance	Tillotson Avenue from Kilgore Ave. to McGalliard Road: HMA Overlay. <u>AQC Exempt 8/10/2021</u> TPC res 2021-13.	PE " "	369,600 139,606 127,302	STP 3 STBG Local	2022 2022 2022	\$ <u>3,415,508</u> PE: 636,508 RW: 120,000 CN: 2,659,000
Des #2003046 City of Muncie	Preventative Maintenance	McGalliard Road from Tillotson Ave. to Wheeling Avenue: HMA Overlay. <u>AQC Exempt 8/10/2021</u> TPC res 2021-13.	PE "	166,400 41,600	STP 3 Local	2022 2022	\$ <u>1,360,000</u> PE: 208,000 RW: 16,000 CN: 1,136,000
Des #2003048 City of Muncie	Preventative Maintenance	McGalliard Road from Granville Avenue to Muncie Bypass: HMA Overlay. <u>AQC Exempt 8/10/2021</u> TPC res 2021-13.	PE "	254,500 63,600	STP 3 Local	2022 2022	\$ <u>2,345,100</u> PE: 318,100 RW: 16,000 CN: 2,011,000
Des #2100088 Delaware County	Bridge Rehabilita- tion	Bridge #193, Memorial Drive over White River: replace super- structure and deck. <u>AQC Exempt 2/19/2021</u> TPC res 2021-03.	PE " PE " RW "	108,625 <u>27,156</u> 131,375 <u>32,844</u> 8,000 2,000	STBG <u>CBR</u> STBG <u>CBR</u> STBG CBR	2021 <u>2021</u> 2022 <u>2022</u> 2023 2023	\$ <u>3,560,500</u> PE: 300,000 RW: 10,000 CN: 2,835,000 CE: 415,500

*Note: STP 3 is Group 3 STP federal funds.

**TRANSPORTATION IMPROVEMENT PROGRAM
RURAL BRIDGE, RURAL STP & SAFETY
FISCAL YEARS 2020 THRU 2023**

BRZ > Rural Bridge Funds (federal),
STP-R > STP-Rural Funds (federal),
HSIP awarded by INDOT to rural LPA's

PROJECT NUMBER	PROJECT TYPE	PROJECT DESCRIPTION	PHASE	COST	FUND CODE	State Fiscal Year	Est. Cost to Complete
Des. #9680560 Delaware Co B36441	BRIDGE Rehabilitation	3. BR #161, CR 170S over White River: replace bridge.	PE " <u>Mitig</u> RW " CN/CE "	297,520 79,347 <u>19,868</u> 99,538.61 <u>24,884.65</u> 2,320,000 403,170 680,793	Earmk CBR <u>STBG</u> Earmk <u>CBR</u> BRZ STBG CBR	Prev. <u>2021</u> 2020 <u>2020</u> 2021 2021 2021	\$ <u>3,024,423</u> PE: 371,900 Mit: 24,835 RW: 124,423 CN: 3,084,000 CE: 319,963

Des. #1500279 Delaware Co.	BRIDGE RE-INSPECTION	Delaware County Reinspection Study & Report Phase I, Phase IA, Phase II, Phase IIA	PE IA " PE 2 " PE 2A "	26,834 <u>6,708</u> 110,443 <u>27,611</u> 22,771 5,693	BRZ CBR BRZ CBR BRZ CBR	2020 <u>2020</u> 2021 <u>2021</u> 2022 2022	\$ 538,690 PE19: 338,630 PE20: 33,542 PE21: 138,054 PE22: 28,464
Des. #2003023 Delaware Co.	Bridge Replacement TPC res 21-13	BR#112, CR 600S over Williams Creek, 0.60 miles west of CR 300W. AQC exempt 8/10/2021	PE "	180,000 45,000	BRZ CBR	2022 2022	\$ 1,700,000 PE: 225,000 RW: 20,000 CN: 1,455,000
Des. #2100143 Delaware Co.	BRIDGE RE-INSPECTION TPC res 21-13	Delaware County Reinspection Study & Report. AQC exempt 8/10/2021	PE "	240,000 60,000	BRZ CBR	2022 2022	\$ 300,000

Note: PE is Preliminary Engineering, RW is right-of-way acquisition, CN is construction, and C.E. is construction engineering. "Prev" is pre-FY 2020 figures from the previous DMTIP.

INDOT PROJECT SHEET - ROAD AND OTHER PROJECTS MOST COMMONLY USED FUND CODES
INSTIP WORK PROGRAM FY 2020-23 906> State Funds, STP> Surface Transpo. Program (Federal),

DES. NO.	PROGRAM	DESCRIPTION	PHASE	COST	FUND CODE	Fiscal Year	Est. Cost to Complete/Total
1298228 INDOT	Intersection Improvement	Added turn lanes for SR 332 at CR 600W.	PE " RW " Constr. "	196,320 <u>49,080</u> 8,000 <u>2,000</u> 1,120,078 280,019	STP <u>906</u> STP <u>906</u> STP 906	Prev <u>Prev</u> Prev <u>Prev</u> 2021 2021	\$ 1,655,497 PE: 245,400 RW: 10,000 CN: 1,400,097
1400043 INDOT	Bridge Program	US 35/SR 28, 3.85 miles east of I-69: bridge deck replacement (E of 525W).	PE " RW " CN "	110,680 <u>27,670</u> 16,000 <u>4,000</u> 613,342 153,336	NHS <u>906</u> NHS <u>906</u> NHS 906	Prev <u>Prev</u> Prev. <u>Prev.</u> 2021 2021	\$ 684,251 PE: 138,350 RW: 20,000 CN: 766,678
1500037 INDOT	Pavement Replacement	US 35 CRC pavement at the Muncie Bypass, 1.053 miles. 2020 construction	PE " CN "	141,200 <u>35,300</u> 1,254,865 313,716	STP <u>906</u> STP 906	Prev. <u>Prev.</u> 2020 2020	\$ 1,745,081 PE: 176,500 CN: 1,568,581
1593191 INDOT	Preventative Maintenance	SR 167 HMA Overlay Paving from SR 67 to 4.24 miles N of SR 67.	PE " CN "	128,000 <u>32,000</u> 2,108,675 527,169	STP <u>State</u> STP State	Prev <u>Prev</u> 2020 2020	\$ 2,795,844 PE: 160,000 CN: 2,635,844
1593199 INDOT	Preventative Maintenance	SR 32 HMA Overlay: from SR 9 to US 35, 15.1 miles.	PE " CN-br CN-rd CN	200,000 <u>50,000</u> 198,238 8,305,581 2,125,954	STP <u>State</u> STP STP State	Prev. <u>Prev.</u> 2020 2020 2020	\$ 10,879,773 PE: 250,000 CN: 10,629,773
1600783 INDOT	Preventative Maintenance	SR 28 from SR 67 to 0.79 miles east of SR 67: reconstruction.	PE-br PE-rd PE RW-br RW-rd RW CN CN	560,000 640,000 <u>300,000</u> 24,000 280,000 <u>76,000</u> 12,976,802 3,244,201	STP STP <u>State</u> STP STP <u>State</u> STP State	2020 2020 <u>2020</u> 2021 2021 <u>2021</u> 2022 2022	\$ 18,101,003 PE-br: 700,000 PE-rd: 800,000 RW-br: 30,000 RW-rd: 350,000 CN: 16,221,003
1600792 INDOT	Preventative Maintenance	SR 28 HMA Overlay: from SR 3 to SR 67, 2.71 miles.	CN "	1,639,309 409,827	STP State	2021 2021	\$ 2,049,136 CN: 2,049,136

A:1601927 B:1601944 INDOT B-40508	Bridge Program	SR 332 over Pleasant Run Creek, 1.39 miles E of I-69: pipe lining bridge rehabilitation.	PE " RW " CN "	40,000 <u>10,000</u> 16,000 <u>4,000</u> 350,344 87,586	STP <u>State</u> STP <u>State</u> STP State	2020 <u>2020</u> 2021 <u>2021</u> 2022 2022	\$ 507,930 PE: 50,000 RW: 20,000 A CN: 295,883 B CN: 142,047
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INDOT PROJECT SHEET - ROAD AND OTHER PROJECTS MOST COMMONLY USED FUND CODES
INSTIP WORK PROGRAM FY 2020-23 906> State Funds, STP> Surface Transportation Program (Federal),

DES. NO.	PROGRAM	DESCRIPTION	PHASE	COST	FUND CODE	State Fiscal Year	Est. Cost to Complete Totals
1602210 1602211 INDOT	“ BRIDGE	I-69 NB/SB over Pipe Creek, 3.95 miles N of SR 28: rehab to replace superstructure.	CN "	2,645,523 293,947	NHS State	2020 2020	\$ 2,939,470 CN: 2,939,470
1602238 INDOT	“ BRIDGE	SR 332 over I-69 NB/SB: bridge deck overlay.	PE " CN "	100,320 <u>25,080</u> 1,731,452 432,863	NHS <u>State</u> NHS State	Prev. Prev. 2020 2020	\$ 2,289,715 PE: 125,400 CN: 2,164,315
1700810 INDOT	Preventative “ Maintenance	SR 67 HMA Overlay from SR 3 to SR 28 south junction.	CN “	894,948 223,737	STP State	2020 2020	\$ 1,118,685 CN: 1,118,685
1700926 INDOT	“ BRIDGE	SR 3 Bridge Deck Overlay over Mississinewa River, 4.37 miles north of US 35.	PE " CN "	20,000 <u>5,000</u> 439,424 109,810	STP <u>State</u> STP State	Prev. Prev. 2020 2020	\$ 574,052 PE: 25,000 CN: 549,052
1700950 INDOT	“ BRIDGE	SR 32 Bridge Deck Overlay over Shoemaker Ditch, 2.29 miles east of I-69.	PE " CN "	32,000 <u>8,000</u> 198,238 49,559	STBG <u>State</u> STBG State	Prev. Prev. 2021 2021	\$ 287,797 PE: 40,000 CN: 247,797
1700960 1700961 INDOT	BRIDGE	US 35, NB & SB Bridges' superstructure replacement over JD Truitt Ditch, 0.68 miles south of SR 32.	PE " CN "	72,000 <u>18,000</u> 1,553,710 388,428	STP <u>State</u> STP State	Prev. Prev. 2020 2020	\$ 2,032,138 PE: 90,000 CN: 1,942,138
1700962 INDOT	BRIDGE	CR 950N Bridge Deck Overlay over I-69, 3.54 miles north of SR 28.	PE " CN "	11,200 <u>2,800</u> 227,819 56,955	STP <u>State</u> STP State	Prev. Prev. 2020 2020	\$ 298,774 PE: 14,000 CN: 284,774
1700968 INDOT	BRIDGE	SR 67 Bridge Deck Overlay over Buck Creek, 5.38 miles east of I-69.	PE " CN "	32,800 <u>8,200</u> 711,934 177,984	STP <u>State</u> STP State	Prev. Prev. 2020 2020	\$ 930,918 PE: 41,000 CN: 889,918
1700991 1700992 INDOT	BRIDGE	US 35, NB&SB Bridges' deck overlay over CSX Railroad, 0.10 miles south of SR 32.	PE " CN "	48,000 <u>12,000</u> 1,018,031 254,508	STP <u>State</u> STP State	Prev. Prev. 2020 2020	\$ 1,332,539 PE: 60,000 CN: 1,272,539
1700993 1700994 INDOT	BRIDGE	US 35, NB & SB Bridges' Deck Overlay over SR 32, 3.51 miles south of SR 67.	PE " CN "	49,600 <u>12,400</u> 1,095,678 273,919	STP <u>State</u> STP State	Prev. Prev. 2020 2020	\$ 1,399,597 PE: 62,000 CN: 1,369,597
1700995 1700996 INDOT	BRIDGE	US 35, NB & SB Bridges' Deck Overlay over N&S RR, 1.39 miles north of SR 32.	PE " CN "	48,000 <u>12,000</u> 1,000,776 250,194	STP <u>State</u> STP State	Prev. Prev. 2020 2020	\$ 1,310,970 PE: 60,000 CN: 1,250,970
1700997 1700998 INDOT	BRIDGE	US 35, NB & SB Bridges' Deck Overlay over Broadway Ave., 2.89 miles east of SR 3.	PE " CN "	48,000 <u>12,000</u> 1,035,286 258,821	STP <u>State</u> STP State	Prev. Prev. 2020 2020	\$ 1,354,107 PE: 60,000 CN: 1,294,107

1702053 1702055 INDOT	BRIDGE	SR 67, NB & SB Bridges' Deck Overlay over No Name Creek, 3.64 miles west of SR 3.	PE " CN "	48,000 <u>12,000</u> 1,069,795 267,449	STP State STP State	Prev. Prev. 2020 2020	\$ <u>1,397,244</u> PE: 60,000 CN: 1,337,244
1702057 INDOT	BRIDGE	SR 67, NB Off Ramp Bridge Deck Overlay over No Name Creek, 3.64 miles west of SR 3.	PE " CN "	19,200 <u>4,800</u> 405,487 101,372	STP State STP State	Prev. Prev. 2020 2020	\$ <u>530,859</u> PE: 24,000 CN: 506,859

INDOT PROJECT SHEET - ROAD AND OTHER PROJECTS MOST COMMONLY USED FUND CODES
INSTIP WORK PROGRAM FY 2020-23 906> State Funds, STP> Surface Transpo. Program (Federal),

DES. NO.	PROGRAM	DESCRIPTION	PHASE	COST	FUND CODE	State Fiscal Year	Est. Cost to Complete Totals
1702897 INDOT	BRIDGE PROGRAM	SR 3, 6.54 mi. N of US 36: small structure pipe lining.	PE-br PE-rd <u>PE</u> RW <u>RW</u> CN CN	14,400 18,400 <u>8,200</u> 12,000 <u>3,000</u> 395,742 98,936	NHS NHS State NHS State NHS State	2020 2020 2020 2022 2022 2023 2023	\$ <u>519,678</u> PE: 10,000 RW: 15,000 CN: 494,678
1702942 INDOT	Intersection Improvement	US 35 at CR 300S: intersection improvements with added turn lanes.	PE " RW " CN "	24,000 <u>6,000</u> 40,000 <u>10,000</u> 248,000 62,000	NHS State NHS State NHS State	2020 2020 2021 2021 2023 2023	\$ <u>390,000</u> PE: 30,000 RW: 50,000 CN: 310,000
1702982 INDOT	Intersection Improvement	US 35 at McGalliard Road: intersection improvements.	PE " RW " CN CN	24,000 <u>6,000</u> 8,000 <u>2,000</u> 355,014 88,754	NHS State NHS State NHS State	2020 2020 2021 2021 2023 2023	\$ <u>483,768</u> PE: 30,000 RW: 10,000 CN: 443,768
1800334 INDOT	BRIDGE PROGRAM	SR 28 over Halfway Creek, 0.71 miles E of SR 67: bridge thin deck overlay.	CN "	93,236 23,309	STP State	2022 2022	\$ <u>116,545</u> CN: 116,545
1800491 INDOT	BRIDGE PROGRAM	I69 NB over White River, 0.23 miles N of SR 67: bridge deck overlay.	CN "	1,787,577 198,620	NHS State	2021 2021	\$ <u>1,986,197</u> CN: 1,986,197
1800685 INDOT	ITS Traffic Management Systems	I-69 CCTV DMS from 2.1 miles S of SR 109 to the Delaware/Grant County Line.	PE " CN "	180,000 <u>20,000</u> 2,098,275 524,569	NHS State STP State	2023 2023 2024 2024	\$ <u>2,822,844</u> PE: 200,000 CN: 2,622,844
Des1801072 INDOT	Bridge Program	US 35 over Yeager, Finley Maynard Ditch: bridge maintenance and repair	PE " CN "	52,640 <u>13,160</u> 87,476 21,869	STP State STP State	Prev. Prev. 2020 2020	\$ <u>175,145</u> PE: 65,800 CN: 109,345
Des1801329 INDOT	HMA Overlay, Preventive Maintenance	SR 3 from US 35N Jct. to 1.07 mi S of SR 26 (SCL Hartford City) AQC Exempt 10/22/2019 TPC res 19-19.	PE " CN "	200,000 <u>50,000</u> 2,400,000 600,000	STP State STP State	2020 2020 2021 2021	\$ <u>3,250,000</u> PE: 250,000 CN: 3,000,000
Des1801453 INDOT	Safety New Signs	Various Locations in the Greenfield District Along US 52 & US 35.	CN "	69,388 7,710	HSIP State	2021 2021	\$ <u>77,098</u> CN: 77,098
Des1801461 INDOT	Safety Barrier Wall	Various Locations on the SR 3, SR 67, US 35 Muncie Bypass.	CN "	587,508 65,279	HSIP State	2021 2021	\$ <u>652,787</u> CN: 652,787
Des1802055 INDOT	Safety Program	Sign installation and repair for various locations on Greenfield District highway	CN "	345,917 86,479	Multi Local	2022 2022	\$ <u>432,396</u> CN: 432,396

		routes. AQE 3/16/20 Res20-10					
1802056 INDOT R41801	Safety Sign Install & Repair	US 35 from Richmond to Muncie, IN. <u>AQC Exempt 8/10/2021. TPC res 2021-13.</u>	CN "	59,200 14,800	STBG State	2022 2022	\$ 74,000 CN: 74,000
Des1802057 INDOT	Signing Install & Repair	SR 32 curve warning signs from Daleville to Yorktown. <u>AQC Exempt 10/22/2019. TPC res 2019-19.</u>	PE " CN "	4,500 500 16,200 1,800	HSIP State HSIP State	2020 2020 2022 2022	\$ 23,000 PE: 5,000 CN: 18,000

INDOT PROJECT SHEET - ROAD AND OTHER PROJECTS MOST COMMONLY USED FUND CODES
INSTIP WORK PROGRAM FY 2020-23 906> State Funds, STP> Surface Transpo. Program (Federal).

DES. NO.	PROGRAM	DESCRIPTION	PHASE	COST	FUND CODE	State Fiscal Year	Est. Cost to Complete Totals
Des1802059 INDOT	Auxillary Lanes RIRO	US 35 at Riggins Road: Right-In / Right-Out conversion. <u>AQC Exempt 10/22/2019 TPC res 19-19.</u>	PE " CN "	5,850 650 49,500 5,500	HSIP State HSIP State	2020 2020 2022 2022	\$ 61,500 PE: 6,500 CN: 55,000
Des1802826 INDOT	Other Type Miscellaneous	Various locations statewide for on-call consultant review.	PE " PE " PE " PE "	1,680,000 420,000 1,680,000 420,000 2,400,000 600,000 2,400,000 600,000	STP State STP State STP State STP State	2020 2020 2021 2021 2022 2022 2023 2023	\$ 10,200,000 PE1: 2,100,000 PE2: 2,100,000 PE3: 3,000,000 PE4: 3,000,000
1900132 INDOT	BRIDGE PROGRAM	I-69 NB over Killbuck Creek, 0.93 miles N of SR 332: replace superstructure (same number of travel lanes as now).	PE "	200,000 50,000	NHS State	2020 2020	\$ 2,422,000 PE: 250,000 FY 2024 CN
1900133 INDOT	BRIDGE PROGRAM	I-69 SB over Killbuck Creek, 0.93 miles N of SR 332: replace superstructure (same number of travel lanes as now).	PE "	200,000 50,000	NHS State	2020 2020	\$ 2,532,000 PE: 250,000 FY 2024 CN
1900147 INDOT R42077	Intersection Improvement	US 35 at CR 300S in Muncie: Added Turn Lanes	PE " RW "	49,050 5,450 28,000 7,000	HSIP State STBG State	2020 2020 2022 2022	\$ 544,415 PE: 54,500 RW: 35,000 CN: 454,915
1900148 INDOT	Access Control	SR 332 at Morrison-300W in Muncie: intersection improvement	PE "	29,700 3,300	HSIP State	2020 2020	\$ 210,124 PE: 33,000 FY 2024 CN
1900151 INDOT R42709	Access Control	SR 32 at Nebo-400W (Yorktown): intersection improvement	PE " RW "	48,600 5,400 16,000 4,000	HSIP State STBG State	2020 2020 2022 2022	\$ 449,267 PE: 54,000 RW: 20,000 CN: 375,267
1900554 INDOT	Other Type Miscellaneous	statewide for HELPERS Program by LTAP 2020-23.	PE "	1,039,144 115,460	HSIP State	2020 2020	\$ 1,154,604 PE: 1,154,604
1901551 INDOT	BRIDGE PROGRAM	SR 3NB Bridge over Buck Creek: deck overlay improvements.	CN "	189,600 47,400	STP State	2021 2021	\$ 237,000 CN: 237,000
2000582 INDOT R43065	Preventative Maintenance	SR 32 from US 35 east 3.93 miles to Selma: HMA overlay. <u>AQC Exempt 8/10/2021. TPC res 2021-13.</u>	CN "	2,681,100 670,275	NHPP State	2022 2022	\$ 3,351,375 CN: 3,351,375

2000594 INDOT R42710	Preventative Maintenance	SR 332 from I-69 to 7.65 miles east of I-69: HMA Overlay paving & safety upgrades. <u>AQC Exempt 8/10/2021. TPC res 2021-13.</u>	RW "	12,000 3,000	STBG State	2022 2022	\$ <u>6,324,443</u> RW: 15,000 CN: 6,309,443
2001161 INDOT R43038	Preventative Maintenance	SR 32 from Perdieu Rd-250W to US 35: HMA Overlay paving & safety upgrades. <u>AQC Exempt 8/10/2021. TPC res 2021-13.</u>	CN "	5,217,999 1,304,500	STBG State	2023 2023	\$ <u>6,522,499</u> CN: 6,522,499
2001708 INDOT	SAFETY CONSULT- ING	Various statewide locations for Statewide Overhead Sign Structure Inspection.	PE "	666,263 166,566	NHS State	2021 2021	\$ <u>832,829</u>
2001709 INDOT	SAFETY CONSULT- ING	Various statewide locations for High Mast Lighting Tower Inspection in FY 2021.	PE "	200,000 50,000	NHS State	2021 2021	\$ <u>250,000</u>
2002415 INDOT	SAFETY	SR 32 at Batavia, Tillotson, and Perdieu-250W: traffic signal modernization.	PE " CN "	512,640 56,960 1,890,000 210,000	HSIP State HSIP State	2021 2021 2023 2023	\$ <u>2,669,600</u> PE: 569,600 CN: 2,100,000
2100287 INDOT	Safety Study	Statewide Highway/Rail Grade Crossing Safety Action Plan. <u>AQC Exempt 8/10/2021. TPC res 2021-13.</u>	PE "	6,430 700	HSIP State	2022 2022	\$ <u>7,130</u> PE: 7,130

Note: PE is Preliminary Engineering, RW is right-of-way acquisition, CN is construction, CE is CN engineering

Muncie Indiana Transit System Planning Support/Justification of Projects

The planning support and justification for transit improvement projects come from the MITS Major Equipment Replacements/Procurements Schedule and analysis of the need for upgrading equipment or facilities. The table on the next page outlines the costs and timing of each project. This page of the Delaware Muncie Transportation Improvement Program is for justifying the combination of projects selected and providing reference to planning support for each improvement.

1. MITS Operating assistance: operating assistance is an eligible item for federal transit funds and is needed to supplement passenger fares and local and state subsidies toward maintaining a functioning public transit system in Muncie, Indiana.

2. Purchase of up to 17 Hybrid-electric Buses: MITS has grants toward purchasing five (5) buses in FY 2020, three (3) buses in FY 2021, two (2) buses in FY 2022, three (3) buses in FY 2023, and four (4) in FY 2024. These buses are heavy-duty buses. This project is on the Equipment Replacement Schedule.

3. Purchase of up to 11 MITS Plus transit vans: MITS will purchase up to two (2) transit vans in FY 2022, two (2) transit vans in FY 2023, and seven (7) transit vans in FY 2024 to replace vans with more than the 4-year normal transit service life. MITS will apply for FTA grants toward the costs. This project is on the MITS Equipment Replacement Schedule.

4. Replacement of roof on MITS Headquarters: \$760,000 of STBG funds are being flexed to FTA toward MITS's cost of replacing the roof & adding solar panels on the administration building in FY 2021.

5. Purchase of a maintenance service truck: MITS will purchase a replacement maintenance service truck in FY 2021. This project is on the MITS Equipment Replacement Schedule

6. Purchase of a hybrid supervisor's vehicle: MITS will purchase a replacement hybrid vehicle in FY 2021 for use by supervisors. This project is on the MITS Equipment Replacement Schedule.

7. Purchase and installation of passenger-waiting shelters: \$40,000 of STBG funds are being flexed to FTA toward MITS's cost involving new passenger waiting shelters.

8. Construction of sidewalks to enhance access to transit routes: \$800,000 of STBG funds are being flexed to FTA toward sidewalk construction in Muncie coordinated with city government.

MUNCIE INDIANA TRANSIT SYSTEM PROJECTS MOST COMMONLY USED FUND CODES:
DELAWARE MUNCIE PLANNING AREA TIP FTA Section 5307, 5309, 5316, 5317
FISCAL YEARS 2020 THROUGH 2023 PMTF > Public Mass transportation Fund (State); PTC > Local

PROJECT DES. #	PROJECT TYPE	PROJECT DESCRIPTION	PHASE	COST	FUND CODE	FY / Total Cost
#1900546 MITS	Operating Assistance	1. FTA Section 5307 operating assistance for fixed route and demand responsive public transit service in Muncie, Indiana for fiscal year 2020.	Operating	1,938,000 1,473,230 3,731,150	FTA5307 PMTF PTC	<u>2020</u> 7,142,380
	ROLLING STOCK	2. Purchase of up to five (5) replacement buses in FY 2020 for fixed route service.	Purchase	2,400,000 600,000	FTA5339 PTC	<u>2020</u> 3,000,000
#1900547 MITS #7 moved to 2022 for a new Item #4	Operating Assistance	1. FTA Section 5307 operating assistance for fixed route and demand responsive public transit service in Muncie, Indiana for fiscal year 2021.	Operating	1,976,760 1,473,230 3,835,235	FTA5307 PMTF PTC	<u>2021</u> 7,285,225
	ROLLING STOCK	2. Purchase of up to three (3) replacement buses in FY 2021 for fixed route service.	Purchase	1,464,000 366,000	FTA5339 PTC	<u>2021</u> 1,830,000
	OTHER	4. Replacement of roof & adding solar panels at MITS Headquarters.	Expense	760,000 190,000	STBG PTC	<u>2021</u> 950,000
	SUPPORT EQUIPMENT	5. Purchase of one (1) replacement maintenance service truck.	Purchase	36,000 9,000	FTA5307 PTC	<u>2021</u> 45,000
	SUPPORT EQUIPMENT	6. Purchase of one (1) hybrid replacement supervisor's vehicle.	Purchase	28,000 7,000	FTA5307 PTC	<u>2021</u> 35,000
	OTHER	8. Construction of sidewalks to enhance access to transit routes.	Expense	800,000 200,000	STBG Local	<u>2021</u> 1,000,000
	ROLLING STOCK	9. Mid-life rebuild of six (6) low-floor hybrid electric buses.	Expense	288,000 72,000	FTA5339 PTC	<u>2021</u> 360,000
	OTHER	10. Construction of renovations to MITS Transfer Station.	Expense	600,000 150,000	FTA5339 Local	<u>2021</u> 750,000
#1900548 MITS	Operating Assistance	1. FTA Section 5307 operating assistance for fixed route and demand responsive public transit service in Muncie, Indiana for fiscal year 2022.	Operating	2,016,295 1,473,230 3,941,405	FTA5307 PMTF PTC	<u>2022</u> 7,430,930
	ROLLING STOCK	2. Purchase of up to two (2) replacement buses in FY 2022 for fixed route service.	Purchase	976,000 244,000	FTA5339 PTC	<u>2022</u> 1,220,000
	ROLLING STOCK	3. Purchase of up to two (2) replacement transit vans in FY 2022.	Purchase	176,000 44,000	FTA5310 PTC	<u>2022</u> 220,000
	OTHER	4. Purchase and installation of passenger-waiting shelters.	Expense	30,059 7,515	STBG Local	<u>2022</u> 37,574
#1900549 MITS	Operating Assistance	1. FTA Section 5307 operating assistance for fixed route and demand responsive public transit service in Muncie, Indiana for fiscal year 2023.	Operating	2,056,620 1,473,230 4,049,700	FTA5307 PMTF PTC	<u>2023</u> 7,579,550
	ROLLING STOCK	2. Purchase of up to three (3) replacement buses in FY 2023 for fixed route service.	Purchase	1,464,000 366,000	FTA5339 PTC	<u>2023</u> 1,830,000
	ROLLING STOCK	3. Purchase of up to two (2) replacement transit vans in FY 2023 for paratransit service.	Purchase	176,000 44,000	FTA5310 PTC	<u>2023</u> 220,000

FEDERAL TRANSIT ADMINISTRATION (FTA) SECTION 5310 & 5311 PROJECTS

Des #1700457 (via INDOT) - **Hillcroft Services** was awarded \$72,965 in FY 2021 FTA Section 5310 funds toward the \$91,206 cost of purchasing two low-floor mini-vans. The local match is \$18,241.

IDENTIFICATION OF ITS PROJECTS

There are no FY 2020-2023 ITS projects programmed for Delaware County at this time.

DMTIP CHANGES BY MODIFICATION OR AMENDMENT

The following are changes to the FY 2020-2023 Delaware Muncie Transportation Improvement Program (DMTIP) by modification or amendment after the original DMTIP was approved in 2019:

8/30/2019 – DMTIP mod – Des 1700681 CN increased \$209,750 using \$167,800 STBG funds FY 2020.
10/25/2019 - DMTIP mod – Des 1592998 & 1702868 increased CN, Des 1700751 reduced scope - Ph 1.
11/7/2019 - DMTIP mod – Des 1700950 CN FY to 2021, Des 1802057 & 1802059: 90/10 CN match.
11/7/2019 - DMTIP amend – add Des 1801329, add FY 2020 PE: Des 1802057 & 1802059.
1/29/2019 - DMTIP mod – Des 1298228 CN FY moved to 2021.
1/31/2019 - DMTIP amend – add FY20 PE to Des #1601927.
2/19/2020 – DMTIP amend – add Des 1900132,1900133, 1900147, 1900148, 1900151
2/19/2020 – DMTIP amend – add Des 2001091, UPWP funding: PL, FTA 5303, \$755,000 of STBG.
2/19/2020 – DMTIP mod – move 1700680 RW to FY21, 1700751 CN to FY24-Illustrative.
2/19/2020 – DMTIP mod – lower 1700681 CN to bid, increase 1900774 FY20 PE to \$353,175.
3/19/2020 – DMTIP amend – add Des 1802055, sign safety, \$136,000 CN
4/15/2020 – DMTIP mod – lower 1900774 PE to \$340,975; move 1592998 & 1702868 CN to FY 21.
5/6/2020 - DMTIP amend – add Des 1901551, SR 3N Bridge over Buck Creek, for CN in FY 21.
6/17/2020 – DMTIP amend – add Hillcroft Services FY21 low-floor 2 mini-vans project.
6/17/2020 – DMTIP amend – add to 1900547: roof replacement, passenger shelters, sidewalks in FY 21.
6/17/2020 – DMTIP mod – move 1700682 \$90K FY21 PE to 22, increase 9680560 FY21 PE & CN/CE.
8/17/2020 – DMTIP amend – add INDOT Des 2001178, 2001179 FY 21 statewide inspections.
12/11/2020 – DMTIP amend – add INDOT Des 2002415 FY21 PE, FY23 CN SR 32 signal mods.
2/17/2021 – DMTIP mod – add FY21 funds to 1700751 PE, swap 1700751 & 1900774 CN FYs
2/19/2021 – DMTIP amend – add 2100088, Memorial BR#193 rehab for FY21/22 PE, 22 RW, 25 CN.
3/17/2021 – DMTIP mod - funds & FY: 1600783, 1702897, 1702982, 1800334, 1800685.
6/3/2021 – DMTIP mod - add \$30,059 STBG to passenger-waiting shelters project #1900547.
6/22/2021 – DMTIP Illustrative Projects expanded to include Muncie RAISE Project.
7/27/2021 – DMTIP mod – adjust funds to match 2022-25 DMTIP, adjust timing, #1173229 chg order.
8/3/2021 – DMTIP amend – add 2003023, 2003045, 2003046, 2003048, 2100143, 2100151.
8/3/2021 – DMTIP amend – add 1802056, 2000582, 2000594, 2001161, 2100287; RW 1900147&151.
11/17/2021 – DMTIP amend – add 1700751 RW in FY 2022.
12/01/2021 – DMTIP amend – add 6 buses rebuild & MITS Transfer Station Renovations FY 2021.
12/15/2021 – DMTIP mod – move 2000582 CN from FY 2023 to FY 2022.
2/16/2022 – DMTIP mod – add \$164,537 in Group 3/CRRSA funds to 1700678
3/7/2022 – DMTIP mod – move MITS shelter project to 2022
3/11/2022 – DMTIP mod – add #139,606 STBG to 2003045 for Tillotson PE
3/17/2022 – DMTIP mod – add \$14,890 in STBG to 1173229 for Wheeling CN