
**FY 2020-2024 TIP Amendment
Indiana Department of Transportation**

**Staff Report
September 9, 2020**

BACKGROUND AND REQUEST:

The Indiana Department of Transportation requests an amendment to update seven projects that are currently programmed, remove one project, and program 23 new ones.

The seven projects to be updated with this amendment are located on the Hoosier Heartland and all of them are thin deck overlays. Funds for preliminary engineering are being added to conduct the NEPA review and this work will begin in FY 2021.

The TIP currently shows a bridge rehabilitation or repair project for the SR 225 bridge over the Wabash River, des # 1593270. This amendment removes the project because it was provisional and replaces it with a new one, des # 2002077. The bridge rehabilitation/repair work was approved and it was assigned the new des number. Preliminary engineering will begin this fiscal year.

Five new projects target improvements on US 52, most of which are bridge projects. Three of them are either a deck overlay or thin deck overlay. The deck overlay project targets the bridge over the Norfolk Southern Railroad and the thin deck overlay projects target both the eastbound and westbound bridges over the Wabash River. The other bridge project involves replacing the superstructure over the Gaylord Branch. Finally, the last new project will add auxiliary lanes at various intersections on US 52 south of CR 400S. Preliminary engineering for all five projects will begin in FY 2021. Funding for utility and railroad coordination will begin in FY 2023 on the US 52 Norfolk Southern bridge project and FY 2021 for the US 52 auxiliary lane project.

Fourteen new projects are located on I-65, and only one does not involve bridges. An overlay will be applied to both the northbound and southbound bridges over the Norfolk Southern Railroad (south of SR 38), and the northbound and southbound SR 26 and SR 38 bridges. Preliminary engineering is scheduled for FY 2021. A thin deck overlay will be applied to the northbound and southbound bridges over the Wildcat Creek. Preliminary engineering will begin in FY 2021 with construction in FY 2024. Five bridge decks will be replaced, and these projects include the northbound and southbound bridges over the CSX Railroad, North 9th Street and Burnett Creek, the northbound and southbound bridges over Prophets Rock Road and the CR 725 bridge over I-65. Preliminary engineering is scheduled to begin in FY 2021 with construction in FY 2024. All four projects involving the Norfolk Southern and CSX Railroads have additional funding programmed for utility and railroad coordination.

The remaining new project on I-65 is a pipe lining project which is located near CR 680S. Preliminary engineering will begin in FY 2021 with construction in FY 2022.

Three new district-wide projects are being added. The first is a centerline and edge striping project with constructed in FY 2022. The second is a bridge maintenance project and construction is schedule for FY 2022. Finally, a traffic signal modernization project is being added. Two intersections within Tippecanoe County are included, and they are the Sagamore Parkway and Cumberland Avenue intersection and the signal on SR 225 at the Wabash River

Bridge. It should be noted that the TIP currently shows the Sagamore and Cumberland signal improvements in a different project, des # 2001146. Those signal improvements have been moved to the new project. The project currently in the TIP will remain because it also includes upgrades to the signal at US 52 and Brady Lane. Construction for these projects is targeted for this fiscal year.

The following tables provide detailed information for each individual project:

*SR 25, 5.00 miles north of I-65, southbound bridge over Buck Creek (des # 1800413)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add	PE	2021	STBG	4,000	2,000	5,000

*SR 25, 5.00 miles north of I-65, northbound bridge over Buck Creek (des #1800414)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add	PE	2021	STBG	4,000	1,000	5,000

*SR 25, 8.10 miles north of I-65, northbound bridge over Sugar Creek (des #1800419)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add	PE	2021	STBG	4,000	1,000	5,000

*SR 25, 8.10 miles north of I-65, southbound bridge over Sugar Creek (des # 1800420)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add	PE	2021	STBG	4,000	1,000	5,000

*SR 25, 9.80 miles north of I-65, northbound bridge over No Name Creek (des # 1800437)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add	PE	2021	STBG	4,000	1,000	5,000

*SR 25, 9.80 miles north of I-65, southbound bridge over No Name Creek (des # 1800441)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add	PE	2021	STBG	4,000	1,000	5,000

*SR 25, 1.30 mile north of I-65, CR 300N bridge (des # 1800445)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
Add	PE	2021	STBG	4,000	1,000	5,000

*US 52, 1.09 miles east of US 231 over Norfolk Southern Railroad (des # 2002033)
Bride Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	STBG	88,000	22,000	110,000
New	UT/RR	2023	STBG	64,000	16,000	80,000

*US 52, 2.65 west of US 231 over Gaylord Branch (des # 2002042)
Replace Superstructure*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	STBG	80,000	20,000	100,000

*US 52, 0.87 miles west of east junction of US 231, westbound bridge over Wabash River
(des # 2002143)
Bridge Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	STBG	120,000	30,000	150,000
New	CN	2024	STBG	1,159,885	289,971	1,449,856

*US 52, 0.87 miles west of east junction of US 231, eastbound bridge over Wabash River
(des # 2002144)
Bride Thin Deck Overlay*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	STBG	120,000	30,000	150,000
New	CN	2024	STBG	1,159,885	289,971	1,449,856

*US 52, from CR 400S in Tippecanoe County to CR 700S in Clinton County (des #2002394)
Auxiliary Lanes, Accel & Decel or Turn Lanes*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	STBG	160,000	40,000	200,000
New	UT/RR	2021	STBG	8,000	2,000	10,000
New	CN	2022	STBG	1,316,677	329,169	1,645,846

*SR 225, 0.60 miles north of Old SR 25 (des # 1593270)
Bridge Rehab or Repair
Project eliminated and replaced with des #2002077*

*US 225, 0.60 miles north of Old SR 25 (des # 2002077)
Bridge Rehab or Repair*

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	STBG	400,000	100,000	500,000

I-65, 0.06 miles south of SR 38, southbound bridge over Norfolk Southern Railroad (des # 2001743)

Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	81,000	9,000	90,000
New	UT/RR	2022	NHPP	90,000	10,000	100,000

I-65, CR 680S over Ditch (des # 2001932)

Small Structure Pipe Lining

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	45,000	5,000	50,000
New	RW	2022	NHPP	27,000	3,000	30,000

I-65, 0.06 miles south of SR 38, northbound bridge over Norfolk Southern Railroad (des # 2002107)

Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	81,000	9,000	90,000
New	UT/RR	2022	NHPP	90,000	10,000	100,000

I-65, 3.57 miles south of SR 26, northbound bridge over SR 38 (des # 2002108)

Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	94,500	10,500	105,000

I-65, 3.57 miles south of SR 26, southbound bridge over SR 38 (des # 2002109)

Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	108,000	12,000	120,000

I-65, 3.04 miles south of SR 25, northbound bridge over SR 26 (des # 2002110)

Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	36,000	4,000	40,000

I-65, 3.04 miles south of SR 25, southbound bridge over SR 26 (des # 2002111)

Bridge Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	36,000	4,000	40,000

I-65, 1.04 miles south of SR 25, northbound bridge over Wildcat Creek (des # 2002112)
Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	54,000	6,000	60,000
New	CN	2024	NHPP	501,873	55,764	557,637

I-65, 1.04 miles south of SR 25, southbound bridge over Wildcat Creek (des # 2002113)
Bridge Thin Deck Overlay

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	49,500	5,500	55,000
New	CN	2024	NHPP	501,873	55,764	557,637

I-65, 0.58 miles south of SR 43, northbound bridge over CSX, N 9th Street, Burnett Creek (des # 2002114)
Bridge Deck Replacement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	270,000	30,000	300,000
New	UT/RR	2022	NHPP	135,000	15,000	150,000
New	CN	2024	NHPP	3,284,714	364,968	3,649,682

I-65, 0.58 miles south of SR 43, southbound over CSX, N 9th Street, Burnett Creek (des # 2002115)
Bridge Deck Replacement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	171,000	19,000	190,000
New	UT/RR	2022	NHPP	135,000	15,000	150,000
New	CN	2024	NHPP	1,690,662	187,851	1,878,513

I-65, 0.23 miles south of SR 43, northbound bridge over Prophets Rock Road (des # 2002116)
Bridge Deck Replacement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	144,000	16,000	160,000
New	CN	2024	NHPP	1,449,139	161,015	1,610,154

I-65, 0.23 miles south of SR 43, southbound bridge over Prophets Rock Road (des # 2002117)
Bridge Deck Replacement

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	144,000	16,000	160,000
New	CN	2024	NHPP	1,449,139	161,015	1,610,154

I-65, 2.50 miles north of SR 43, CR 725N over I-65 (des # 2002364)
Bridge Deck Replacement New project

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	NHPP	160,000	40,000	200,000
New	CN	2024	NHPP	1,457,023	364,226	1,821,279

Various Locations in Crawfordsville District (des # 1801404)
Traffic Signal Modernization (Sagamore Parkway at Cumberland Avenue & SR 225 at Wabash River bridge are the only signals in Tippecanoe County)

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	HSIP	5,400	600	6,000
New	CN	2021	HSIP	949,604	105,511	1,055,115

Various Locations in Crawfordsville District (des # 2001644)
District-Wide Bridge Maintenance

	Phase	Year	Federal Funds	Federal	State	Total
New	CN	2022	STBG	800,000	200,000	1,000,000

Various Locations in Crawfordsville District (des # 2002396)
Centerline and Edge Line Rumble Stripes

	Phase	Year	Federal Funds	Federal	State	Total
New	PE	2021	HSIP	63,000	7,000	70,000
New	CN	2022	HSIP	184,277	20,475	204,752

RECOMMENDATION:

Staff recommends approval of this amendment to the Policy Board.