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Staff Report

**FY 2024-2028 Transportation Improvement Program  
Complete Street Compliance, Carbon Reduction Program and  
PROTECT Funding Determinations**

Staff Report  
January 12, 2023

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Before financially constraining the local project requests for Federal funding, three determinations are needed. One is to determine if the local projects, which are requesting federal funds, comply with our Complete Street Policy. The other two are to determine if the local projects qualify for the Carbon Reduction Program and PROTECT Program funds.

### Complete Street Policy Review

As part of the Complete Streets Policy, the Technical Transportation Committee reviews project descriptions and makes recommendations to the Policy Board. The Technical Transportation Committee determines that a project is either compliant with the policy, or that it is exempt. Only certain types of projects are reviewed for Complete Street Compliance: new construction, reconstruction, widening, and rural to urban conversion projects that are requesting federal funds. The following local projects are requesting Group II Federal funds and require a Complete Street Compliance Determination:

#### ***West Lafayette***

Federal funds have been requested for the Soldiers Home Road project and for phase five of the Yeager Road improvements. The Soldiers Home Road project has already been found compliant in a previous determination. The information for phase 5 of the Yeager Road project was provided by the City of West Lafayette.

##### *Yeager Road Phase 5, Kalberer Road to Cumberland Avenue*

*Project Scope: reconstruct road with storm water improvements*

*Non-Motorized Amenities: new sidewalk and multiuse trail. It will connect existing trails.*

Staff reviewed the project description and determined that the project complies with the Complete Streets Policy.

#### ***Tippecanoe County***

Federal funds have been requested for the Morehouse Road project and CR 150W, CR 600N and the Harrison Trail projects. The Morehouse Road project has already been found compliant in a previous determination. The information for CR 150W, CR 600N and the Harrison Trail was provided by the County Highway Department.

##### *CR 150W, CR 500N to CR 600N*

*Project Scope: urbanize pavement section and new storm sewer system with detention*

*Non-Motorized Amenities: new sidewalk and multiuse trail.*

##### *CR 600N, at CR 50W*

*Project Scope: construct roundabout and improve drainage*

*Non-Motorized Amenities: new trail with a HAWK crossing. Will connect to the three schools*

*Harrison Trail: along CR 600N between CR 150W and CR 50W and along CR 50W from CR 600N to the three schools*

*Project Scope: new trail construction*

*Non-Motorized Amenities: new trail*

Staff reviewed the project descriptions and determined that the three projects comply with the Complete Streets Policy.

### **Lafayette**

Federal funds have been requested for the current South 9<sup>th</sup> Street project, to construct a portion of the Big 4 Trail, and to upgrade traffic signals for emergency vehicle preemption. The South 9<sup>th</sup> Street project has already been found compliant in a previous determination. The signal preemption project is a safety related project and involves upgrading existing traffic signals. It does not involve constructing, reconstructing, widening, and converting roads from a rural to urban cross section, therefore the policy is not applicable. The information for the Big 4 Trail project was provided by the City of Lafayette.

*Big 4 Trail, portions of South 9<sup>th</sup> Street south of Kossuth Street and Kossuth Street from just west of 3<sup>rd</sup> Street to 9<sup>th</sup> Street*

*Project Scope: new trail construction*

*Non-Motorized Amenities: new trail*

Staff reviewed the project description and determined that the project complies with the Complete Streets Policy.

### **RECOMMENDATION:**

The Technical Transportation Committee should issue a determination that all projects are compliant with the adopted Complete Streets Policy.

### Carbon Reduction Program Review

The purpose of these program funds is to reduce transportation emissions through the development of State carbon reduction strategies and by funding projects designed to reduce transportation emissions. There are thirteen eligible activities under this program.

INDOT published a draft strategy report in December 2022. Three pathways that can help reduce emissions from on-road highway sources were identified: reduce total fuel consumption, switch to low/zero emission fuels, and reduce vehicle miles traveled. Additionally, INDOT and the Indiana MPOs identified five activity categories that can support carbon reduction: alternative fuels/energy efficiency, active modes, transportation demand management, technology solutions, and an unspecified category which includes projects or programs that can demonstrate a reduction of carbon emissions. APC staff reviewed the projects requesting Federal funds, and summarized which activity category each projects supports.

Soldiers Home Road: Active Modes

Yeager Road: Active Modes

Morehouse Road: Active Modes  
CR 150W: Active Modes  
CR 600N: Active Modes  
Harrison Trail: Active Modes  
South 9<sup>th</sup> Street: Active Modes  
Signal Preemption: Technology Solutions  
Big 4 Trail: Active Modes

The review shows that all the projects requesting federal funds support one of the five activity categories and are eligible for Carbon Reduction funding.

**RECOMMENDATION:**

The Technical Transportation Committee should issue a determination that all projects are eligible for Carbon Reduction Program funding.

**PROTECT Program Review**

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The purpose of this program is to make surface transportation more resilient to natural hazards, including climate changes, sea level rise, flooding, extreme weather events, and other natural disasters through the support of planning activities, resilience improvements, community resilience, evacuation routes, and at-risk costal infrastructure.

Eligible activities under this program must improve the ability of an existing surface transportation asset to withstand one or more elements of a weather event or natural disaster or to increase the resilience of surface transportation infrastructure from the impact of changing conditions, such as seal level rise, flooding, wildfires, extreme weather events, and other natural disaster. Eligible activities must either improve the resilience of existing surface transportation infrastructure or be designed for resilience purposes.

APC staff reviewed the projects requesting Federal funds, and summarized the eligible activities each projects supports.

**Projects:**

Soldiers Home Road, Yeager Road ph. 5, Morehouse Road, CR 150W, CR 600N, Harrison Trail, South 9<sup>th</sup> Street, and Big 4 Trail

**Activities Supported:**

- Reconstruction of an existing eligible surface transportation facility eligible for assistance under 23 U.S.C.
- Upgrade an existing facility to meet or exceed a design standard adopt by FHWA.
- Strengthening system that remove rainwater from facilities.
- Upgrades to and installation of structural stormwater controls.

**Projects:**

Soldiers Home Road, Yeager Road ph. 5, Morehouse Road, CR 150W, CR 600N, Harrison Trail, South 9<sup>th</sup> Street, Big 4 Trail and Traffic Signal Preemption

**Activities Supported:**

- evacuation routes.

The review shows that all the projects requesting federal funds support at least one of the eligible activities.

**RECOMMENDATION:**

The Technical Transportation Committee should issue a determination that all the new projects are eligible for PROTECT Program funding.