

Priority Projects 2020-2021

Jefferson County, WV

Introduction

Jefferson County, West Virginia is the region's most affluent county. Its residents level of educational attainment and access to the Washington DC Metro areas result in a median household income of \$76,500 with less than 10% living in poverty, both better than state and national averages.

Priority Project #1: Broadband Expansion

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Priority Project #2:

US Route 340

US 340 South Four-Lane Improvement

The purpose and need for the proposed improvements to US 340 South is to address traffic operations and improve safety deficiencies along the existing facility.

US 340 Operational Improvements and Rock Slide Project

From Harpers Ferry through Virginia and into Maryland, this project consists of geometric improvements and rock slide remediation countermeasures to enhance traffic flow and improve traffic safety within the corridor.



Priority Project #3: Jefferson County Economic Development Authority New

Priority Project #4: JCDA Speculative Office Building Funding Plan

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Introduction

Bordering one of the most visited National Parks in the region, Harpers Ferry is a unique community that blends history with tourism.

Priority Project #1: Harpers Ferry Waterworks Upgrades

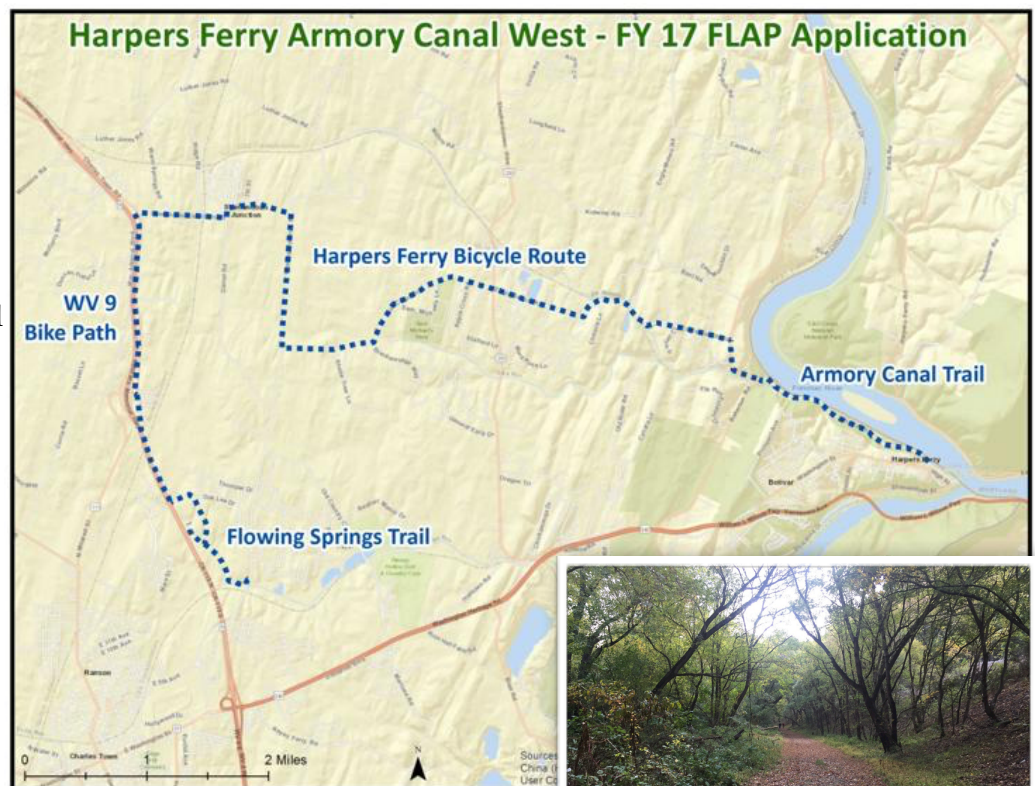
The Waterworks provides service to town residents and to the National Park Service which welcomes over 300,000 visitors every year creating millions of dollars in economic output.

Priority Project #2: High Street Improvement Project

The project proposes to repair / replace roughly two blocks of sidewalk on High Street, in the business district of historic Harpers Ferry. The project will address ADA access, reset the brick sidewalk in places that are damaged, improve stormwater runoff and repair a cracked retaining wall. The project will look at cross walks to guide pedestrians out of the roadways to improve safety.

Priority Project #3: Armory Canal Trail

This trail will connect the Cities of Ranson and Charles Town via pedestrian and bike. Allowing ultimate access to the C&O canal for residents and visitors.



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Corporation of Bolivar, WV

Located in Jefferson County with a population of approximately 1,000, the Corporation of Bolivar, WV sits perched upon the hill overlooking the confluence of the Potomac and Shenandoah River.

Priority Project #1:

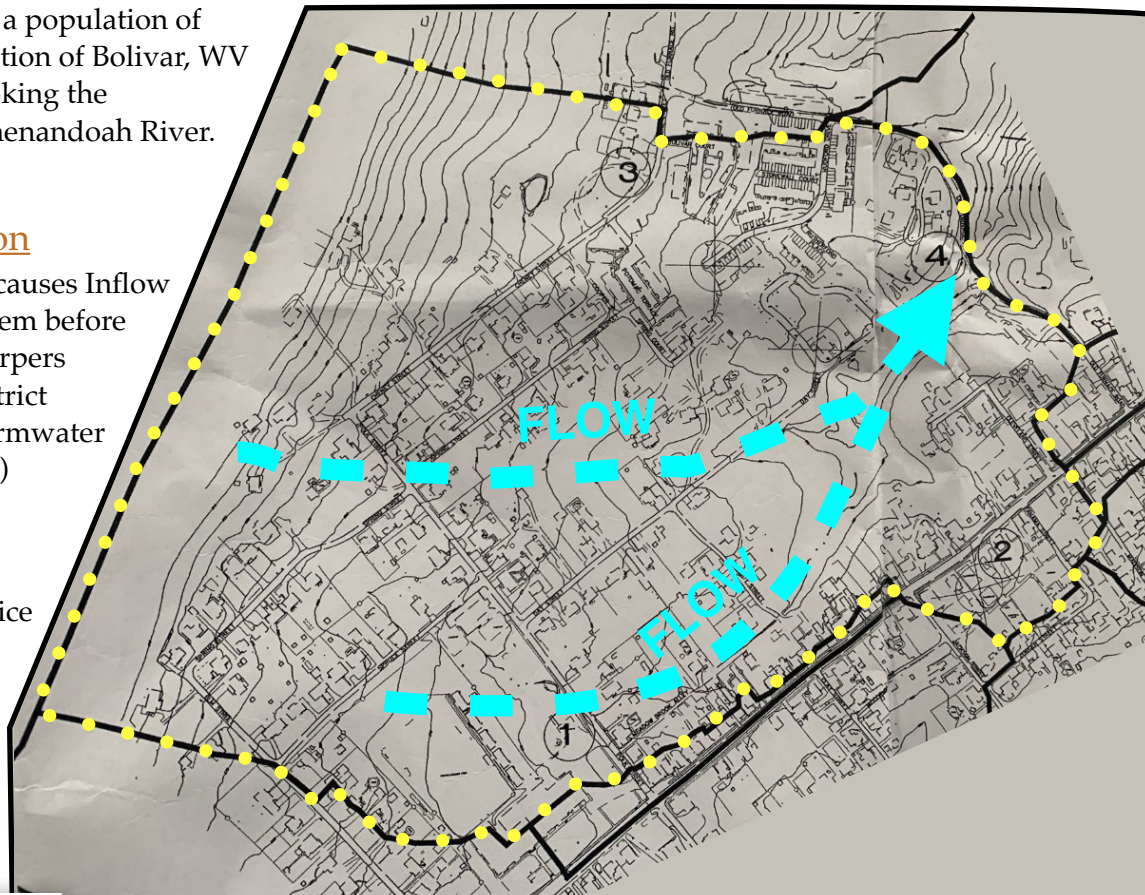
Reduce Inflow & Infiltration

Bolivar is victim of flooding that causes Inflow & Inflow (I&I) into its' sewer system before entering the rivers below. The Harpers Ferry - Bolivar Public Service District requests assistance managing stormwater in the mapped area. (shown right)

Priority Project #2:

Downtown WiFi

Downtown wifi and cellular service is an essential tool in revitalizing Main Streets. Business owners rely on foot traffic in walkable downtown districts. A reliable Wi-Fi network and/or cell service will welcome and encourage visitors.



Priority Project #3: West Washington Street Pedestrian Improvements

This project will re-establish and ensure safe pedestrian access through the heart of the town, allowing residents to walk to destinations instead of

Priority Project #4: Dilapidated Buildings Program

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Corporation of Shepherdstown, WV

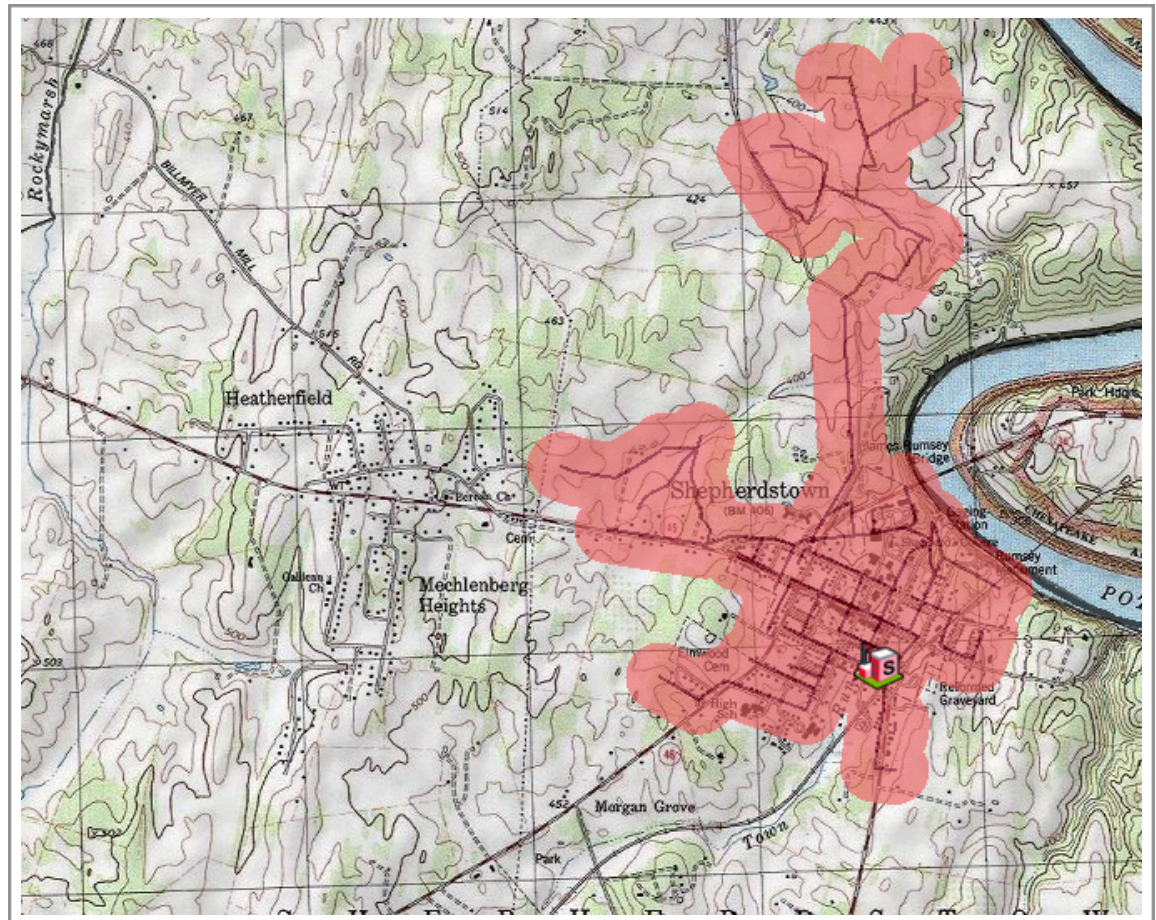
Introduction

Established in 1762, Shepherdstown is the oldest town in the three county Eastern Panhandle region. However, it's connection with Shepherd University creates a youthful environment in the historic village.

Priority Project #1: Sanitary Sewer Extensions along Route 45 West

Shepherdstown has reported failing septic systems in residential areas west of Corporation limits and seeks to connect these homes to the existing public sewer system via mainline extension and expand the current service area (Shown in Red).

- Assist Shepherdstown procure an engineering firm to begin work on a Preliminary Engineering Report (PER)
- Investigate favorable financing terms for the conduct the project.



Priority Project #2: Back Alley / Shoe Lane Flooding Mitigation

The heavy rains of 2018 has once again exploited areas within the region that have inadequate drainage. Back Alley and Shoe Lane area conveys large amounts of stormwater from a neighboring properties and impervious surfaces into a low laying residential property in the bottom of drainage area sag. This terrain does not relieve rainwater resulting in durations of extended ponding in an urbanized area.

- Review recommendations made by the Region 9 Chesapeake Bay Coordinator and found in Attachment B of this report.
- Contact Shepherdstown Public Works to determine availability and skills to install practices

Priority Project #3: Completion of next phase of New Library Project

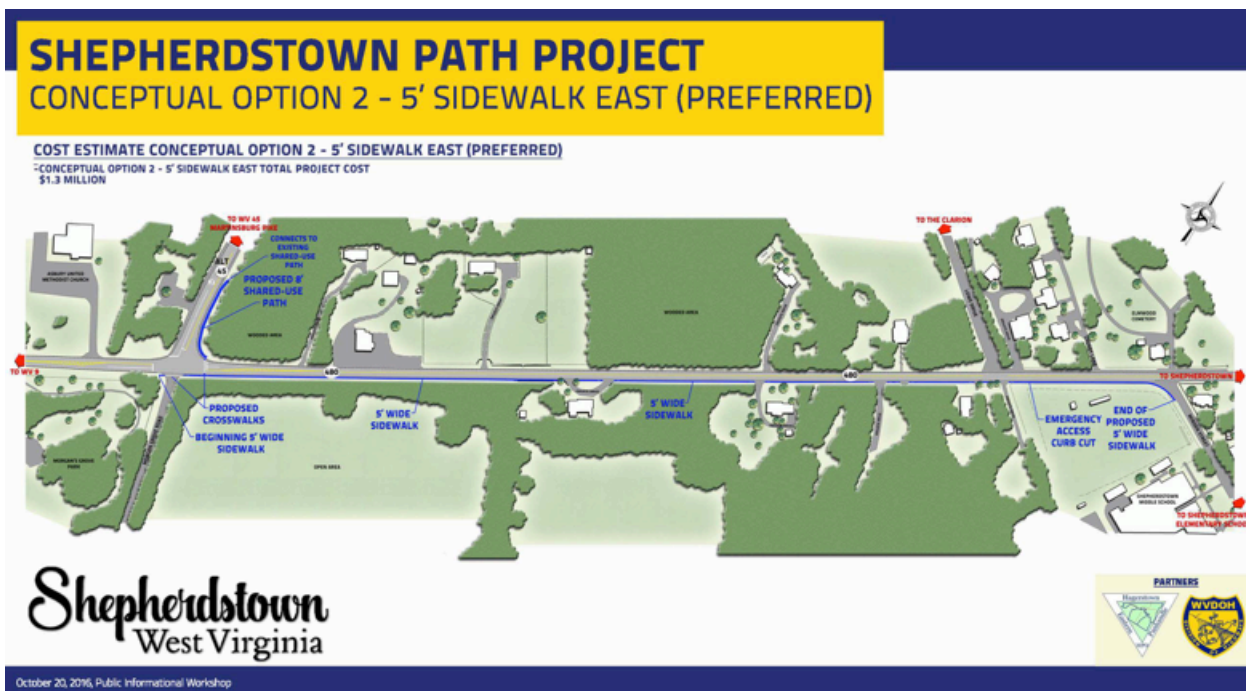


The project is located on a former 4.5 Acre Brownfield site southwest of Corporate limits. Current project estimate is approximately \$3 million. The Library Board of Trustees is raising funds, but no clear path to fully fund the project has been identified.

- Public Buildings have traditionally been difficult to finance and fund through grants. Many times loans and donations are needed (Hedgesville) to bridge costs.

Priority Project #3: Shepherdstown Path

This proposed path will nearly complete the loop to Morgan's Grove Park and back to Shepherdstown. Walking along Rt 480 is very difficult and unsafe due to limited space along shoulder and traffic.



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Ranson, West Virginia

Introduction

Deemed by its founders as the "ideal place for industry and business," The City of Ranson came to life in 1910 as the industrial hub of Jefferson County anchored by a booming manufacturing economy. The City is now transitioning from a small industrial town, which boomed in the late 19th Century, to a community that blends major corporations with quiet residential neighborhoods and a developing commercial district.

Priority Project #1: Downtown Revitalization and Better Buildings Program

Ranson like many Region 9 communities suffer from blighted buildings of the past. A comprehensive effort and partnering with WVU Brownfield can provide the technical resources to address these issues.

Priority Project #2: Fairfax Boulevard Extension

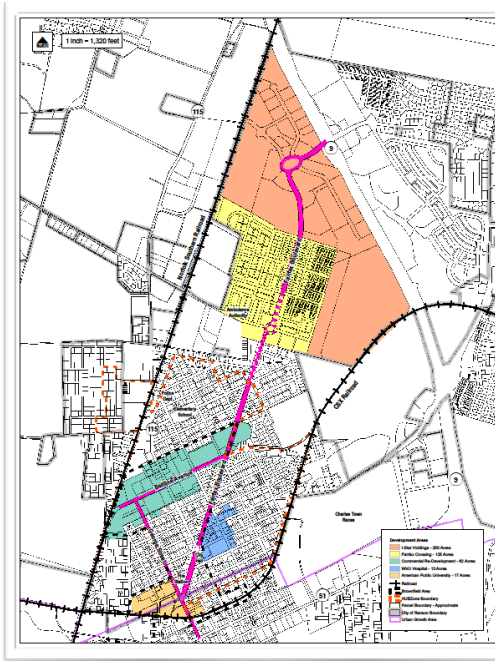
The next phase of Fairfax Boulevard will connect Fairfax Crossing and Route 9 with its 12th Street intersection and complete the project.

Priority Project #3: Downtown WiFi and Cell Coverage

Downtown wifi and cellular service has become an essential tool in revitalizing Main Streets, particularly those dependent on tourism. Downtowns are typically meant to be walkable and business owners rely on foot traffic. A reliable Wi-Fi network and/or cell service will encourage visitors.

Priority Project #4: Flowing Springs Trail

The constructed trail provide visitor access and protection to beautiful natural resources. The trail begins approximately 300' north of the CSX Rail Line crossing over Flowing Springs Rd and terminating in a loop approximately 400' south of the stormwater facility for the Home Depot. Amenities will include trail head parking lot, benches, and trash receptacles.



Priority Project #5: Fifth Avenue Streetscape Project

This project is approximately 0.49 miles in length and will help provide a critical alternative transportation linkage for communities, medical centers, businesses and churches.

Priority Project #6: Emergency Services Equipment & Others

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Charles Town, West Virginia

Introduction

Charles Town is the county seat of Jefferson County and shares a boundary line with the City of Ranson.

Priority Project #1: Sanitary Sewer Inflow and Infiltration

The 2018 flooding events exposed weaknesses in existing sanitary pipes that allows stormwater to enter flows the system. Known as Inflow and Infiltration, or I&I it increases peak flows sent to the wastewater treatment plant increasing costs of operation.

Priority Project #2: Pavement Assessment Project

The purpose of the project will be to perform on-site pavement condition assessment, data collection, recommendations for priority improvements, estimate cost of improvements, and training. The goal of the project is to provide the City of Charles Town a database with pavement management program and train personnel. Trained personnel shall be prepared to perform roadway condition surveys, update the database, and provide recommendations for future improvements.

Priority Project #3: Improved Downtown WiFi and Cell Coverage

Priority Project #4: Augustine Avenue Trail

This proposed trail would ultimately result in the construction of a 1.9-mile pedestrian and bicycle trail along Augustine Avenue. Example shown on the right will link the urban core of Charles Town to a growing neighborhood home to Page Jackson Elementary School and Washington High School.



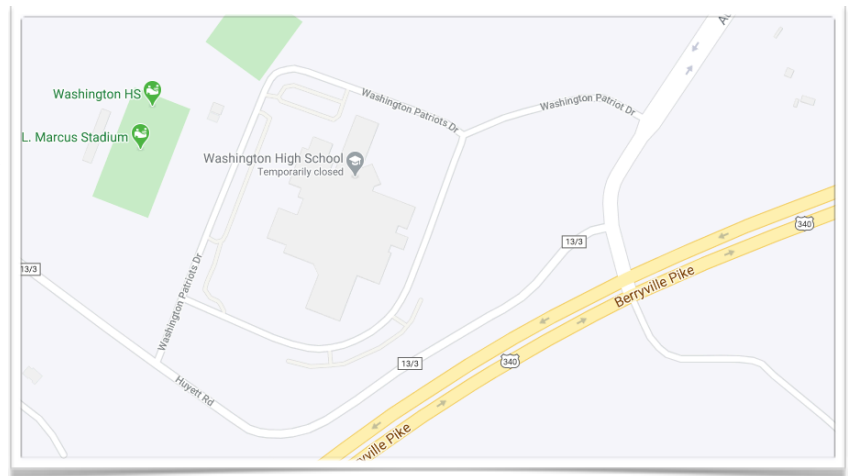
Priority Project #5: West End Traffic Safety Improvements and Gateway Project

West Virginia DOH is conducting a safety studying at the intersection of Martin Luther King Blvd., W. Washington St., and Summit Point Rd.. Charles Town's [West End Master Plan](#) identified this area and is hopeful to create a welcoming "Gateway" to the city.

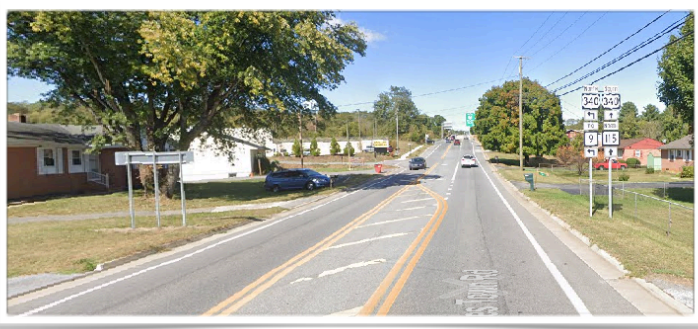


Priority Project #6: Redesign/improve Huyett Road-Augustine Avenue – US 340 intersection

Located adjacent to Washington High School, Huyett Rd could see new development within this area triggering a traffic study as required by their Subdivision and Land Development Ordinance and Planning Commission. This study and its recommendations could be taken into consideration by the WVDOH during its review process, and could require improvements be completed to obtain an entry permit.



Priority Project #7: Pedestrian access to southeast side of US 340



Conceptual planning for sidewalks and paths from S. George St. to Crosswinds Drive.