

Morgantown Monongalia MPO
2025 - 2055 Metropolitan Transportation Plan

APPENDIX B: Full Project List with Descriptions

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Tier 1

| ID | Name | Type of Improvements | Scope | Estimated Cost |
|-------|--|----------------------------------|--|----------------|
| M2501 | Signal Timing Optimization in Morgantown Downtown Area | Safety / Intersection | This project involves signal timing and offset adjustments to improve traffic flow and pedestrian safety along key intersections and corridors in Downtown Morgantown, including Beechurst Avenue, University Avenue, and surrounding streets. | \$3,180,000 |
| M2502 | Grumbein’s Island Closure | Modify / Capacity | This project includes the closure of University Avenue to vehicular traffic between Beechurst Avenue and College Avenue, as well as other vehicle access points to Grumbein’s Island. It also involves the realignment of portions of Willey Street, including a new connection to Beechurst Avenue. | \$9,540,000 |
| M2503 | Snider Street Realignment | Modify / Capacity | The project realigns US 119 to connect with Snider Street, converts Willey Street to a local road, and improves nearby intersections. It also includes bike lanes and sidewalks along the new Snider Street corridor to support multimodal travel. | \$15,900,000 |
| M51b | Greenbag Rd Improvements - Segment 2 | Modify / Capacity | Improve the existing roadway to a standard 11' width, improve drainage, and provide wide shoulders for bicyclists. Construct sidewalks and improve bus stop locations. Include Alternative Truck Route signage | \$12,447,000 |
| M106 | Dupont Road Improvements | Modify / Capacity | Improve existing roadway to standard 11' width, shoulder, and stormwater drainage conditions. Construct a sidewalk to the Dupont Heights neighborhood | \$8,774,000 |
| M20 | WV7-Deckers Creek-Mineral Pedestrian Improvements | Pedestrian Safety / Intersection | Provide safe pedestrian crossing, crosswalks, and a new sidewalk to connect with the Deckers Creek Trail | \$402,000 |
| M2510 | Design Study - White Park/Caperton Multimodal Trail Connection | STUDY | Design study for the M71 project (Tier 2) - White Park/Caperton Trail Multimodal Connection Bridge | \$300,000 |
| M50 | Fairmont Rd/Holland Ave Improvements | Modify / Capacity | Improve the existing roadway to a standard 11' width, provide paved shoulders for bicycles, and add sidewalks along both sides. Provide bus stop locations and safe crossings at intersections | \$13,270,000 |

| ID | Name | Type of Improvements | Scope | Estimated Cost |
|------|---|----------------------|--|----------------|
| M51a | Greenbag Rd Improvements - Segment 3 | Modify / Capacity | Improve the existing roadway to a standard 11' width, improve drainage, and provide wide shoulders for bicyclists. Construct sidewalks and improve bus stop locations. Include Alternative Truck Route signage | \$5,649,000 |
| M52 | Earl Core Road (WV 7) - Northern Section Improvements | Modify / Capacity | Intersection improvements and traffic signal optimization. Add a sidewalk on both sides, provide bus stops, and improve crossing locations | \$10,858,000 |
| M73b | WV-705 Corridor Improvements | Access Management | Improve safety by reducing points of conflict, consolidating driveways, improving streetscape, and pedestrian crossing locations along this gateway corridor | \$15,347,000 |

Tier 2

| ID | Name | Type of Improvements | Scope | Estimated Cost |
|------|---|----------------------------------|--|----------------|
| M10 | WV705-Stewartstown Intersection Improvements | Safety / Intersection | Add pedestrian crossing facilities, refuge islands, and countdown signals at this intersection | \$1,712,000 |
| M11 | WV705-Burroughs-Van Voorhis Intersection Improvements | Safety / Intersection | Improve traffic flow to reduce delay and improve geometry (alignment of lanes). Coordinate with the 73b project | \$2,649,000 |
| M114 | Don Knotts Blvd (US 19) Improvements | Access Management | Improve safety by reducing points of conflict, consolidating driveways, improving streetscape, and pedestrian crossing locations along this gateway corridor into Downtown | \$8,253,000 |
| M116 | Trail Connection-Woodland Trail to Dorsey's Knob | Multimodal (Bike-Ped) | Connect two local parks with an off-road trail | \$1,399,000 |
| M12 | Van Voorhis-West Run Intersection Improvements | Safety / Intersection | Improve the geometry of the intersection. Coordinate with TIP projects for Van Voorhis and West Run Road | \$641,000 |
| M122 | Trail Connection-Campus Connection | Multimodal (Bike-Ped) | New trail on WVU campus along steep slope towards Evansdale Campus | \$3,400,000 |
| M18 | Tyrone-Tyrone Avery Intersection Improvements | Safety / Intersection | Improve geometry at this skewed intersection | \$535,000 |
| M19 | WV100-Fort Martin | Safety / Intersection | Improve geometry at this skewed 3-way intersection. Coordinate with the C9 new connection and bridge project | \$1,463,000 |
| M21 | University-Walnut Pedestrian Improvements | Pedestrian Safety / Intersection | Improve visibility for pedestrians at this signalized intersection | \$587,000 |
| M24 | High-Foundry Pedestrian Improvements | Pedestrian Safety / Intersection | Improve safety and visibility at this signalized intersection | \$396,000 |

| ID | Name | Type of Improvements | Scope | Estimated Cost |
|------|---|----------------------------------|--|----------------|
| M25 | Chestnut-Walnut Pedestrian Improvements | Pedestrian Safety / Intersection | Improve safety, visibility, and crossing at this unsignalized intersection. Coordinate with the C2 Downtown study | \$142,000 |
| M27 | Patteson Dr-University Ave-Van Voorhis Rd Pedestrian Improvements | Pedestrian Safety / Intersection | Improve pedestrian crossing at this signalized intersection | \$399,000 |
| M28 | University Ave-College Ave Pedestrian Improvements | Pedestrian Safety / Intersection | Improve pedestrian crossing, curb ramps, and sidewalk connections. Coordinate with the C2 Downtown study and the M23 | \$396,000 |
| M45 | Van Voorhis Road Improvement - Segment 2 | Modify / Capacity | Add a center turn lane and consolidate driveways to improve safety. Add sidewalks | \$8,762,000 |
| M48 | Stewartstown Rd Improvements | Widen (add lanes) | Add additional travel lane and center turn lane as necessary. Consolidate driveways and add a sidewalk along the west side | \$18,611,000 |
| M49a | University Ave Complete Street Improvements - Segment 1 | Access Management | Improve existing roadway to standard lane width, with bicycle facilities and sidewalks. Improve transit stop/shelter locations | \$23,554,000 |
| M49b | University Ave Complete Street Improvements - Segment 2 | Access Management | Improve existing roadway to standard lane width, with bicycle facilities and sidewalks. Improve transit stop/shelter locations | \$8,580,000 |
| M49c | University Ave Complete Street Improvements - Segment 3 | Access Management | Improve the existing roadway to standard lane width, with bicycle facilities and sidewalks. Improve transit stop/shelter locations | \$23,704,000 |
| M59 | Dorsey Ave Sidewalk Improvements | Multimodal (Bike-Ped) | Extend sidewalks along at least one side of the roadway | \$6,203,000 |
| M63 | Brockway Rodgers/Powell Ave (WV 7) Improvements | Modify / Capacity | Improve existing roadway and extend sidewalks. Provide transit stop amenities. | \$9,305,000 |
| M68 | Riddle Ave/Pineview Dr Improvements | Modify / Capacity | Improve the existing roadway to a standard 11' width, pedestrian connection, and transit access | \$4,080,000 |

| ID | Name | Type of Improvements | Scope | Estimated Cost |
|------|--|-----------------------|---|----------------|
| M69 | Cheat Rd Improvements | Widen (add lanes) | Widen to address the traffic deficiency. Coordinate with M69b | \$9,305,000 |
| M71 | White Park/Caperton Trail Multimodal Connection - Bridge | Multimodal (Bike-Ped) | Extend the trail from White Park further north along Callen Avenue and provide a pedestrian bridge over Don Knotts Blvd to connect with Mountaineer Heritage Park | \$2,978,000 |
| M72 | North Side Connector Bus Rapid Transit | Multimodal (Transit) | Improve transit amenities along several roadways between WVU campuses, including curbs, sidewalks, bus stops, lighting, and/or bus pull-off areas | \$1,552,000 |
| M74 | River Road Improvements | Modify / Capacity | Improve existing roadway to standard 11' width, shoulder, and stormwater drainage conditions. Coordinate with C1 and C11 projects | \$2,896,000 |
| C5 | Protzman/Falling Run Pedestrian and Bicycle Connector | Multimodal (Bike-Ped) | Extend the existing trail into Downtown and the WVU campus | \$2,393,000 |
| M125 | WV-705 Multiuse Path | Multimodal (Bike-Ped) | Sidepath along WV-705 (southside) to connect residents with shopping /retail areas. Requires separation from vehicles and drainage improvements | \$3,614,000 |
| M105 | Mileground Rd Widening | Widen (add lanes) | Extend the center turn lane further south to improve traffic operations | \$4,633,000 |
| M6 | High-Willey Intersection Improvements | Safety / Intersection | Improve safety and visibility at this offset intersection | \$357,000 |
| M104 | St Clair Hill Rd Improvements | Modify / Capacity | Improve existing roadway to standard 11' width, shoulder, and stormwater drainage conditions | \$4,357,000 |

Tier 3

| ID | Name | Type of Improvements | Scope | Estimated Cost* |
|-------|---|-----------------------|--|-----------------|
| C14 | New Roadway Connection- Multimodal Access to Mylan Park | New Connection | Potential roadway alignment through WestRidge development, providing multimodal access to Mylan Park | \$44,003,000 |
| M2504 | Morgantown Downtown Area Intersection and Corridor Improvements | Modify / Capacity | This umbrella project delivers intersection, corridor, and multimodal improvements. It includes roundabout conversions, targeted intersection upgrades, and a Reduced Conflict Intersection corridor on Beechurst Avenue. Additional bicycle and pedestrian enhancements include new crosswalks, LPIs, pedestrian recalls, and RTOR restrictions to improve safety downtown. | \$31,860,000 |
| M2506 | Brookhaven Rd Improvements | Modify / Capacity | The project improves safety and operations along Brookhaven Road through a new traffic signal, added turn lanes, improved curb radii, upgraded lighting, stormwater upgrades, and guardrails. It also explores a potential connection to the Carpenter Trail to support multimodal access. | \$5,310,000 |
| M108 | Dents Run Blvd Improvements | Modify / Capacity | Improve existing roadway to standard 11' width, shoulder, and stormwater drainage conditions. | \$18,835,000 |
| M117 | Trail Connection-Southern Greenbelt Trail | Multimodal (Bike-Ped) | Connect existing trails through easements and existing open spaces along the south side of Morgantown | \$5,307,000 |
| M118 | Trail Connection-Northern Greenbelt Trail | Multimodal (Bike-Ped) | Connect existing trails through easements and existing open spaces along the north side of Morgantown | \$13,242,000 |
| M3 | Spruce-Walnut Intersection Improvements | Safety / Intersection | Improve safety, visibility, and crossing for all modes. Coordinate with the C2 Downtown study | \$465,000 |
| M126 | Trail Connection-Caperton Trail to Evansdale Rd | Multimodal (Bike-Ped) | New trail connection from Mon River through the Arboretum towards WVU Evansdale Campus, and parallel to PRT corridor. | \$4,065,000 |

| ID | Name | Type of Improvements | Scope | Estimated Cost* |
|------|--|-----------------------|--|-----------------|
| M57 | I-79 Granville Section Improvements - widen to 6 lanes | Widen (add lanes) | Widen the interstate to provide auxiliary lanes | \$30,276,000 |
| M58 | I-79 Westover Section Improvements - widen to 6 lanes | Widen (add lanes) | Widen the interstate to 6 lanes | \$8,072,000 |
| M60 | Grafton Rd (US 119) Improvements | Widen (add lanes) | Widen to 4 lanes with turn lanes near intersections. Consolidate driveways to limit points of conflict and provide bike lanes (or a climbing lane) | \$10,086,000 |
| M70 | Old Cheat Rd/Cheat Rd Bike Lanes | Multimodal (Bike-Ped) | Improve shoulders to serve as on-road bike lanes, and serve as a regional bike route | \$14,125,000 |
| C7 | New Roadway Connection-Stewart to Mileground | New Connection | Potential roadway alignment to balance traffic on adjacent roadways | \$29,262,000 |
| M109 | Willowdale Rd Widening | Widen (add lanes) | Widen this short segment of roadway near the Hospital and the WVU football stadium | \$9,054,000 |
| M17 | Cheat-Tyrone Avery Intersection Improvements | Safety / Intersection | Improve geometry at this skewed intersection | \$1,527,000 |
| M2 | Spruce-Pleasant Intersection Improvements | Safety / Intersection | Improve safety, visibility, and crossing for all modes. Coordinate with the C2 Downtown study | \$509,000 |
| M4 | High-Walnut Intersection Improvements | Safety / Intersection | Improve safety, visibility, and crossing for all modes. Coordinate with the C2 Downtown study | \$465,000 |

Tier 4

| ID | Name | Type of Improvements | Scope | Estimated Cost* |
|------|--|-----------------------|--|-----------------|
| C6 | New Roadway Connection- Mileground to Hartman Run | New Connection | Potential roadway alignment to balance traffic on adjacent roadways | \$26,774,000 |
| M101 | Blue Horizon Dr Widening | Widen (add lanes) | Add lanes to relieve the traffic bottleneck at the intersection | \$24,670,000 |
| M102 | Fairmont Rd US 19 Improvements | Modify / Capacity | Improve existing roadway to standard 11' width, shoulder, and stormwater drainage conditions in anticipation of increased development and traffic volume | \$43,136,000 |
| M103 | Tyrone Rd & Cheat Rd Improvements | Modify / Capacity | Improve existing roadway to standard 11' width, shoulder, and stormwater drainage conditions along this narrow, rural roadway corridor | \$44,275,000 |
| M107 | Dug Hill Road Improvements | Modify / Capacity | Improve existing roadway to standard 11' width, shoulder, and stormwater drainage conditions | \$21,100,000 |
| M115 | Ackerman / Mountain Valley Drive Improvements | Modify / Capacity | Improve the existing roadway and drainage relating to project C9 | \$9,709,000 |
| M119 | Trail Connection-Cheat Lake Northern | Multimodal (Bike-Ped) | Extend Cheat Lake Rail-Trail near Darnell Hollow Road towards Coopers Rock Park (north side) | \$15,318,000 |
| M120 | Trail Connection-Cheat Lake Southern | Multimodal (Bike-Ped) | Extend Cheat Lake Rail-Trail along existing roadways and business district to connect with Coopers Rock Park (south side) near Mon Chateau Trail | \$26,319,000 |
| M121 | Chaplin Rd Improvements | Modify / Capacity | Improve connection to Myland Park with a shared-use path along the south side of Chaplin Road | \$14,688,000 |
| M15 | Hartman Run-Airport Access Intersection Improvements | Safety / Intersection | Improve safety and visibility at this topography-constrained intersection | \$2,385,000 |

| ID | Name | Type of Improvements | Scope | Estimated Cost* |
|------|--|-----------------------|--|-----------------|
| M16 | Cheat-Old Cheat Intersection Improvements | Safety / Intersection | Improve safety and visibility at this signalized intersection. Provide pedestrian crosswalks. | \$350,000 |
| M52b | Earl Core Rd (WV 7) Access Management | Access Management | Improve safety by limiting points of conflict and consolidating driveways. Provide sidewalks where necessary and improve the streetscape | \$33,810,000 |
| M55 | Lazzelle Union Rd (WV-100) Improvements | Modify / Capacity | Improve existing roadway to standard 11' width, with shoulders, and sidewalks where possible. Separate the project into multiple phases with logical termini | \$50,161,000 |
| M61 | Smithtown Rd Improvements | Modify / Capacity | Improve the existing roadway to a standard 11' width, improve drainage, and provide wide shoulders for bicyclists | \$27,381,000 |
| M62 | Earl Core Road (WV 7) at Southern Section Improvements | Widen (add lanes) | Add a center turn lane and consolidate driveways to improve safety. Add a sidewalk along one side. | \$20,520,000 |
| M65 | Stewart St Improvements | Modify / Capacity | Improve existing roadway to standard 11' width, add turn lanes and sidewalks | \$25,087,000 |
| M67 | Burroughs St Improvements | Modify / Capacity | Improve the existing roadway to a standard 11' width, and intersection improvements | \$9,120,000 |
| M69b | Cheat Rd Widening - Segment 2 | Widen (add lanes) | Widen to address the traffic deficiency. Coordinate with M69 | \$27,465,000 |

* Cost estimation with adjustment for the year of implementation.

Alternative Funding-Dependent

| ID | Name | Type of Improvements | Scope | Estimated Cost* |
|-------|--|-----------------------|---|-----------------|
| C8 | Extension of Airport Industrial Road to WV-7 in Sabraton | New Connection | Potential new roadway and improvement of existing roads near Morgantown Airport / I-68 Industrial Area - Alternative Funding Dependent | \$13,868,793 |
| C9 | New Roadway Connection- Mountain Valley Drive Extension | New Connection | Potential new roadway and bridge over Mon River to WV 100 - Alternative Funding Dependent | \$40,693,841 |
| C12 | PRT Extension - Segment 1 | PRT Connection | Phase 1 extension of existing PRT further northeast - Alternative Funding Dependent | \$73,474,576 |
| C13 | PRT Extension - Segment 2 | PRT Connection | Phase 2 extension of existing PRT further east - Alternative Funding Dependent | \$132,710,169 |
| M2509 | Valley View Pedestrian and Bicycle Network Improvements | Ped/Bike Improvements | The project creates a connected pedestrian and bicycle network through on-road and off-road improvements. It includes multi-use paths, shared streets, neighborhood trail connections, safer crossings, new sidewalks, and direct pedestrian links to Suncrest Town Center to improve accessibility, safety, and walkability. | \$2,500,000 |
| M2507 | West Run Rd - Riddle Ave Area Connectivity Improvements | New Connection | The project enhances multimodal connectivity and safety near the West Run Road and Riddle Avenue T-intersection. It supports growing residential and mixed-use development by providing a potential connection between Bakers Ridge Road, Raven Run, and St. Clair Hill Road. | TBD |
| M2508 | Ackerman Area Connectivity Improvements | New Connection | The project improves mobility, safety, and multimodal connectivity in the McCormick Hollow–Van Voorhis–Ackerman Road area, where residential growth is increasing traffic. It includes roadway upgrades, new local and greenway connections, and improved access to the regional trail system to enhance neighborhood and east–west connectivity. | TBD |

* Cost estimate is based on 2025 dollars, with no adjustment for the year of implementation.