

Morgantown Monongalia MPO
2025 - 2055 Metropolitan Transportation Plan

APPENDIX B: Full Project List with Descriptions

Tier 1.....	3
Tier 2.....	5
Tier 3.....	8
Tier 4.....	10

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.