

Summary of Initial Existing Conditions Analysis

| | Subject | Key Finding |
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| Data Summary | Traffic Volume | 13,000 AADT ¹ (From US 19 to Mississippi St) 11,000 AADT (From Mississippi St to Dorsey Ave) 12,000 AADT (From Dorsey Ave to Lower Aarons Creek Rd) 8,000 AADT (From Lower Aarons Creek Rd to WV 7) <u>Comparing with other major streets in the region:</u> 14,000 AADT on Van Voorhis Rd at WV 705 intersection 11,000 AADT on Fairmont Ave at Holland Ave intersection (Westover) 13,000 AADT on University at 1 st St intersection |
| | Topography | Elevation ranges from 955' to 846'. Grades range from +6% to -6% |
| | Crashes | -- Rear end crashes are the primary crash type (40%), followed by single vehicle crashes (18%) and right angle crashes (18%). -- Approximately 80% crashes are intersection related. |
| | Turn Movements and Land Use | -- Overall, 13% more traffic in the PM peak hour than the AM peak hour. -- Primarily commercial use at the two ends of the corridor. |
| | Level of Service and Intersection Delay | -- Intersections with E or F level of service (LOS). LOS E: Southbound left turn traffic in the AM peak hour at the US 19 Intersection. LOS F: Westbound left turn in the PM peak hour at the US 19 intersection. LOS E: Eastbound traffic in the PM peak hour at the Dorsey Ave intersection. |
| Concerns | Roadway | -- Narrow travel lanes (as narrow as 9 feet). -- Inadequate road pavement conditions. -- Inadequate lighting at night. |
| | Access | -- Lack of access to/from Kinder Haus Child Care Center (H&R Block Parking Lot) for the eastbound traffic. |
| | Intersection | -- Low level of service and/or delay: 1) intersection of US 19/Greenbag Rd; 2) intersection of Dorsey Ave/Greenbag Rd, 3) intersection of Greenbag Rd and Mountaineer Mall Outlet, and 4) Deckers Creek Blvd and Greenbag Rd -- Turning movement conflicts and/or short sight-distance: two Mountaineer Mall intersections (U-turns); intersection of Mississippi St and of Diamond Ave (angled intersections); intersection of Deckers Creek Blvd. |
| | Pedestrians, Bicycles, and transit users | --Lack of pedestrian/cycling facilities connecting neighborhoods, park, connection to rail trail and Deckers Creek Trail, and shopping district. --Lack of bus shelters. |
| Constraints | -- Steep slopes along the road may pose difficulties for potential road widening. -- Limited cross-section width on small bridges. -- Limited sight-distance at curved road segments. -- The speed of vehicle traffic (40 MPH) poses unsafe traveling conditions for bicyclists and pedestrians | |

MPO Initial Analysis + Steering Committee Input + Public Input = Concerns and Constraints

¹ Annual Average Daily Traffic (rounded to the nearest thousand)