



Missoula County – City of Missoula
MPO
METROPOLITAN PLANNING ORGANIZATION

Appendix J

DATE: November 12, 2020
SUBJECT: 2016 Long Range Transportation Plan Amendment #5

Background

Project 15 – Intersection improvements at W. Broadway and Mary Jane Blvd

This amendment categorizes the project from Illustrative to Committed and eliminates the left-hand turn at Flynn Lane and W. Broadway. Providing a signalized intersection at W. Broadway and Mary Jane Blvd. effectively reduces traffic pressure of off Flynn Lane which would be reclassified as a local street.

MDT, City of Missoula, and Missoula County are collaborating to complete an intersection project at the intersection of Mary Jane and Broadway. Initially MDT, the city, and county had agreed to work towards the transfer of HSIP funding directly to the BUILD project. However, the proposal to transfer funding to the BUILD project from HSIP was prohibited. Additionally, when reviewing schedules, it was learned that if a signal was going to be constructed in conjunction with the BUILD project, that steps would need to be taken immediately in order to coordinate construction schedules. The first step in the process is to have the project listed in the Missoula TIP and recategorize Project #15 to the Committed Project list from the Illustrative Project list in the 2016 LRTP.

The project scope includes installation of a signal at the future Broadway (N-132E) and Mary Jane intersection along with the reconfiguration of the existing Broadway and Flynn Lane intersection to eliminate the left turn from Flynn to westbound Broadway. Providing a signalized intersection at W. Broadway and Mary Jane Blvd. effectively reduces traffic pressure of off Flynn Lane which would be reclassified as a local street. Although initial design concepts for the BUILD grant recommended a roundabout at this location, separation of the HSIP funding from the rest of the BUILD package increased the likelihood (or risk) that the two projects would not be delivered to construction simultaneously. Imminent development (Including a VA Hospital) is necessitating intersection access be available by November 1 2021. Construction phasing between the BUILD and Intersection Improvement Project is much more effective and possible with a signal intersection. While the roundabout intersection was initially recommended, the signal intersection was also acceptable and operated at high levels of service as well. For these reasons the signal intersection is now the selected design option.

Long Range Plan Amendment

The Long Range Plan is amended to include Project 15 – Intersection improvements at W. Broadway and Mary Jane Blvd in the “Committed” project list (Table 1). This amendment serves as an update to Appendix B and all additional tables and references in the 2016 Long Range Transportation Plan that are affected by the amended project.

Table 1 – Amended Committed Roadway Projects in Appendix B

2016 Status	ID	Score	PROJECT	Agency	Funding Source	Total Cost (\$) Current Year	Cost (\$) Future Year	2016-2020 State/Local	2016-2020 Federal	2021-2030 State/Local	2021-2030 Federal	2031-2045 State/Local	2031-2045 Federal
Committed Projects	7	N/A	Russell Street and Bridge Reconstruction (Broadway to Dakota)	MDT/City	STPU, BR, EARMARK	\$36,750,900	\$36,750,900	\$4,931,973	\$31,818,975				
	11	N/A	2nd half of Russell Street (Dakota to Mount Avenue)	MDT/City	STPU	\$19,640,309	\$19,640,309	\$208,200	\$1,343,000	\$2,427,558	\$15,661,551		
	30	N/A	Street Improvements: Wyoming (California to Russell)	City	Local	\$200,000	\$200,000	\$200,000					
	37	N/A	Bitterroot River - W of Missoula (South Ave Bridge - MacClay Bridge)	County	BR	\$10,900,000	\$9,657,980	\$110,700	\$714,300	\$1,185,386	\$7,647,594	\$577,285	\$3,724,388
	39	N/A	US 93: North of Desmet Interchange - North	MDT	NH	\$8,414,800	\$8,414,800	\$1,129,300	\$7,285,500				
	40	N/A	I-90: Missoula - East and West (Van Buran St, \$5,821,000 interchange)	MDT	IM	\$8,918,200	\$10,838,400	\$949,400	\$9,889,000				
	40.5	N/A	I-90: Missoula - East and West (Orange Street, \$1,969,000 interchange)	MDT	IM	\$3,925,800	\$3,932,700	\$344,500	\$3,588,200				
	49	N/A	Street Improvements: California (River Road to Dakota)	City	Local	\$400,000	\$400,000	\$400,000					
	54	N/A	Van Buran Street Reconstruction (Elm to Missoula Ave)	City	Local	\$345,000	\$345,000	\$345,000					
	122	N/A	Grant Creek Road right lane addition at I-90	MDT/City	IM, Local funds	\$604,200	\$604,200	\$235,400	\$368,800				
	131	N/A	Huson - East	MDT	STPS	\$3,271,300	\$3,271,300	\$439,000	\$2,832,300				
	347	N/A	Higgins Avenue Bridge Improvements - UPN 8807	City/MDT	BR	\$11,219,200	\$11,219,200	\$1,505,600	\$9,713,600				
	485	N/A	Intersection Improvements - MT 200 and Old Hwy 10	MDT	NH	\$1,153,600	\$1,153,600	\$154,800	\$998,800				
	511	N/A	Madison Street Bridge Improvements - UPN 8806	MDT	BR	\$8,931,900	\$8,932,000	\$1,198,700	\$7,733,300				
	538	N/A	connector.	City	MRA	\$2,500,000	\$2,500,000	\$2,500,000					
	537	N/A	I-90 Bridge replacement - Bonner	MDT	IM	\$20,027,800	\$22,741,200	\$1,992,100	\$20,749,100				
		N/A	Placeholder for future IM projects	MDT	IM	\$24,084,053	\$24,084,053			\$796,252	\$8,293,383	\$1,313,511	\$13,680,907
		N/A	Placeholder for future NH projects	MDT	NH	\$9,954,825	\$9,954,825			\$329,120	\$3,427,960	\$542,922	\$5,654,822
		N/A	Placeholder for future STPX/STPS/SFCN projects	MDT	STPX/STPS/SFCN	\$37,914,836	\$37,914,836			\$1,920,342	\$12,389,210	\$3,167,829	\$20,437,454
		N/A	Placeholder for future BR projects	MDT	BR	\$10,269,362	\$10,269,362					\$1,378,148	\$8,891,214
Recommended Projects	36	#N/A	BUILD GRANT - Wye/Mullan Plan Collector Routes	y	BUILD	\$15,600,000	\$15,600,000			\$2,600,000	\$13,000,000		
	15	#N/A	Intersection Improvements: W. Broadway & Mary Jane	MDT/City	HSIP	\$700,756							
	528	132	Brooks St. (Reserve to Paxon) complete street	City	MRA	\$2,200,000	\$2,923,751			\$2,923,751			
	158	128	Complete Street Improvements: South Ave. (Reserve to 36th) including Intersection Improvements at Old Fort and South Ave	City	Local	\$4,660,000	\$4,660,000	\$4,660,000					
	394	118.5	East Missoula - Highway 200 complete street reconstruction	County	STPU	\$1,835,000	\$3,544,792					\$475,711	\$3,069,081
			Reconfigure Broadway within existing ROW - Orange St. to Madison, as per the										
	469	113	Downtown Master Plan	City	MRA	\$2,500,000	\$3,322,445			\$3,322,445			
	152	104.5	Front/Main conversion to 2-way streets	City	MRA	\$5,000,000	\$6,644,889			\$6,644,889			
	154	103.5	Street Improvements: 3rd (Reserve to Hilberta)	y	STPU	\$1,400,000	\$2,704,474					\$362,940	\$2,341,533
	397	98	Reconstruct Curtis St to make it a complete street	City	Local	\$770,000	\$1,023,313			\$1,023,313			
	398	93.5	Reconstruct River Road from Russell to Reserve as a complete street	City	Local	\$1,210,000	\$1,608,063			\$1,608,063			
			Higgins Avenue: 3-Lane conversion from Brooks Street to Broadway as detailed in the Downtown Master Plan (excluding bridge)										
	14	93		City	Local	\$2,500,000	\$3,322,445			\$3,322,445			
	370	88.5	Brooks	City	Local	\$2,500,000	\$4,829,417					\$4,829,417	
	155	88	Street Improvements: California (3rd to Dakota)	City	MRA	\$1,000,000	\$1,931,767					\$1,931,767	
	336	87.5	Johnson Street: Extend from South Avenue to Brooks Street	City	MRA	\$2,500,000	\$2,549,932					\$2,549,932	
	379	83.5	Carousel Drive reconfiguration	City	Local	\$500,000	\$965,883					\$965,883	
	420	83.5	Intersection improvement at Mullan Rd & Mary Jane Blvd		Local	\$100,000	\$193,177					\$193,177	
	132	73.5	Intersection Improvements: Bancroft/South Ave	City	Local	\$300,000	\$579,530					\$579,530	
	468	67.5	Brooks St. (Stephens to Mount) reconstruct to complete street	City	MRA	\$500,000	\$965,883					\$965,883	
	421	66	Intersection improvement at Higgins Ave & Pattee Creek Rd	City	Local	\$100,000	\$193,177					\$193,177	
	126	65	Intersection Improvements: W. Broadway & George Elmer	MDT/City	Local	\$500,000	\$965,883					\$965,883	
	422	63.5	Intersection Improvements at Gharrett St & 39th St	City	Local	\$100,000	\$193,177					\$193,177	
	147	63	Intersection Improvements: Arthur & South	City	Local	\$300,000	\$579,530					\$579,530	
					Totals	\$394,174,340	\$282,126,192	\$21,304,873	\$97,034,876	\$28,103,664	\$60,419,698	\$21,765,703	\$67,799,399
					Federal		\$215,253,973						
					State/Local		\$71,173,940						
					Rec & Illustr	\$158,447,500							

Air Quality Conformity

The 2016 LRTP air quality conformity analysis remains valid and no further air quality analysis is necessary/required. The project will not affect overall VMT, and will enhance operational flow of vehicles at the new Mary Jane Boulevard and existing Flynn Lane intersections. In coordination with the BUILD project, currently funded in the Long Range Transportation Plan and Transportation Improvement Program, will effectively reduce travel distance and times by enhancing network connectivity. The proposed signal will facilitate traffic as analyzed in LRTP Amendment #4, and was in fact included in the that project analysis at the time it was completed.

Fiscal Constraint

The amended “committed” projects are fully funded through the funding sources indicated in Appendix G. The BUILD Grant funding is a competitive grant program managed by the Montana Department of Transportation, and will increase the funding received by the MPO by the amount of the estimated project costs.