

New Jersey Avenue, NW Design of Safety Improvements Alternatives Comparison



			Level of Service Average of AM & PM)			Parking Impacts (Relative to No Build)			Driver and Pedestrian Safety			Curbline Impacts			Landscaping Potential & Beautification			Bicycle Compatibility			
Line Number	Intersection/Segment	Weight Applied by Intersection	Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3	Alt 1	Alt 2	Alt 3	
1	New Jersey Avenue at N Street, NW	10%	10	10	10				6	6	6	10	5	5							
2	New Jersey Avenue between Morgan Street and N Street					6.67	6.67	10.00							5	5	5	5	0	5	
3	New Jersey Avenue at Morgan Street, NW	5%	10	10	10				3	5	5	5	5	5							
4	New Jersey Avenue between Morgan Street and M Street					3.33	3.33	3.33							10	7	10	0	0	10	
5	New Jersey Avenue at M Street	10%	10	7.5	6				4	6	6	0	0	0							
6	New Jersey Avenue at New York Avenue	25%	1	7.5	6				5	4	5	0	0	0							
7	New Jersey Avenue between New York Avenue and Pierce Street					6.67	6.67	0.00							5	5	5	0	0	10	
8	New Jersey Avenue at Pierce Street	5%	2.5	1	2.5				6	6	6	10	10	10							
9	New Jersey Avenue between Pierce Street and L Street					3.33	3.33	3.33							5	5	5	0	0	10	
10	New Jersey Avenue at L Street	5%	10	7.5	5				4	4	4	10	10	5							
11	New Jersey Avenue between L Street and K Street					6.67	6.67	3.33							5	3	5	0	0	10	
12	New Jersey Avenue at K Street	15%	7.5	7.5	7.5				7	7	8	10	0	5							
13	New Jersey Avenue between 2nd Street and I Street					6.67	0.00	6.67							10	8	10	0	0	10	
14	New Jersey Avenue at I Street	15%	10	0	7.5				4	7	8	0	0	0							
15	New Jersey Avenue between I Street and H Street					6.67	6.67	6.67							5	5	5	0	0	10	
16	New Jersey Avenue at H Street	10%	7.5	7.5	7.5				6	6	6	10	10	5							
			Weighted Total Scores (Out of 100)																		
				Level of Service			Parking Impacts			Driver and Pedestrian Safety			Curbline Impacts			Landscaping Potential & Beautification			Bicycle Compatibility		
Score				71	78	57	48	48	50	57	60	61	44	39	64	54	64	7	0	93	
Weight of Category				40%			15%		15%			15%			5%				10%		
Alternative 1: 2-Way Mount Vernon																					
Alternative 2: 2-Way with Channelized Right-Turns 54						1		Legend													
Alternative 3: 2-Way with Bicycle Lanes				65			Level of Service Score P		Parking Impacts Score Dri		Driver and Ped Safety Score Curbling		Curbline Impa					Bicycle Compatibility Score			
· · · ·				33			LOS A,B,C	10	Added Parking		Crosswalks, Short Cro Distance & Protected		None 10		Minor to Major Potential 6-10		Bicycle Lanes Provided 10				
	Relative Performance Sca					LOS D 5		o Change 6.66 Crosswalks on Sor b Long Crossing Dist Permitted Turns					5	No Change 5		Wide Outside Lanes 5					
	Worst Average	Best				LOS E		Partial Removal/ Restriction		No Crosswalks or Sig Distance Problems	ht 0-2	Major	0	Eliminatio Landscapi	on of Existing	0-4	None	0			
							LOS F		Full Removal/ Restriction	0											

Alternative 1: Mount Vernon Triangle Public Realm Study

Alternative 2: DDOT 100% Comments

Alternative 3: Multi-Modal Corridor Improvements