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WMPO Bicycle and Pedestrian Modal Subcommittee Meeting Agenda

TO: WMPO Bicycle and Pedestrian Modal Subcommittee Members
FROM: Abby Lorenzo, Senior Transportation Planner
DATE: March 6th, 2019
SUBJECT: March 12th, 2019 Meeting

A meeting of the WMPO Bicycle and Pedestrian Modal Subcommittee will take place on Tuesday, March 12th, 2019 at 2pm. The meeting will be held in the 6th floor conference room located at 320 Chestnut Street, Wilmington.

The following is the agenda for the meeting:

- Call to Order
- Approval of the Agenda
- Public Comment
- Approval of minutes from February 12th, 2019
- Old Business
 - Cape Fear Moving Forward 2045 Ranked Bicycle and Pedestrian Projects
 - i. Action: Review scored bicycle and pedestrian projects
 - Cape Fear Moving Forward 2045 Bicycle and Pedestrian Modal Subcommittee Wrap Up and Final Thoughts
- New Business
 - Discussion on E-Bicycles and Potential Recommended Policy Development
- Discussion
 - River to Sea Bike Ride Subcommittee Update
 - Bike to Work Month Update
 - "Be a Looker" Campaign
 - HB 157 "Bicycle Registration Bill"
- Updates and Announcements
 - Cape Fear Cyclists
 - WMPO Project Updates (In Packet)
 - WMPO TCC Meeting, Wednesday, March 13th at 10am
 - WMPO Board Meeting, Wednesday, March 27th at 3pm
- Next Meeting : April 9th, 2019 at 2pm
- Adjournment

Wilmington Urban Area Metropolitan Planning Organization

City of Wilmington • Town of Carolina Beach • Town of Kure Beach • Town of Wrightsville Beach
County of New Hanover • Town of Belville • Town of Leland • Town of Navassa • County of Brunswick
County of Pender • Cape Fear Public Transportation Authority • North Carolina Department of Transportation

Attachments:

- Minutes from the February 12th, 2019 meeting
- Bicycle and Pedestrian Scored Projects
- E-Bicycle Handout
- WMPO February Project Updates

Goals					Safety, Education, and Enforcement		Multimodal Connectivity/Transportation Choice		Built Environment, Land Use, and Connectivity				Economic Development													
	Objective(s)				BA3 Build facilities and traffic engineering solutions that prioritize cycling safety (signage, smart traffic lights, etc.) while considering the nature of adjacent traffic and the presence of any conditions hazardous to cycling (bridge gratings, discontinuous bike lanes, etc.).		BB2 Improve connections between bicycling & other modes of transportation (public transportation & ferries)		PB2 Evaluate the installation of sidewalks and crosswalks based on residential and employment density	BC2 Increase bicycling facilities that fall within 1 mile of school campuses		PC10 Build pedestrian facilities that mitigate barriers in existing built environment	BC3 Increase bicycle connections between parks & residential areas		PC5 Increase connections between existing pedestrian facilities	BE1 Increase bicycle tourism		BE2 Increase access and mobility projects targeting identified areas of low-income and minority residents	BE7 Increase accommodation of major cycling events in facility design							
					PA1 Increase the number of crosswalks at existing signals, focusing on high traffic areas		PB3 Install crosswalks near bus stops	BC4 Increase bicycle facility connections to grovery stores and resource centers		PC2 Increase pedestrian connections between parks & residential areas			PC7 Develop downtown pedestrian friendly shopping areas	PE6 Include accommodation of major events in facility design												
					PA5 Prioritize pedestrian projects that occur at, or seek to improve the safety of, identified high risk / high crash locations			PC1 Increase pedestrian facilities that fall within 1 mile of school campuses		PC3 Increase pedestrian facilities around libraries, community centers/senior centers, courthouses, local government centers																
								PC4 Increase pedestrian facility connections around grocery stores/farmers markets/resource centers																		
	Data Measure				Functional Classification of adjacent/intersectiong facility		Bicycle and/or Pedestrian high crash location		Project intersects roadway or project is an intersection improvement located within a reasonable distance of a transit stop		Project located within area of high household density or employment density		Project falls within 1 mile of a school or within a reasonable distance of grovery store or community resource center		Functional classification of adjacent/intersecting facility OR geographic barrier, i.e. river		Project provides connection or fills a gap providing connection from a recreation area or community or government center		Project fills a gap in an existing network		Connects or fills a gap providing a complete connection to a POI		Project located in or connects to low-income area, minority area, and/or LEP identified area		Project fall on identified event route	
					Arterial (10pts), Collector (6pts), Local (2pts)		K (15pts), A (13pts), B (10pts), C (8pts), O (5pts)		1/4 mile (10pts), 1/2 mile (5pts), 3/4 mile (2pts), 3/4 mile + (0pts)		Both High Household and High Employment Density (10pts), High Household OR High Employment (5pts), Neither (0pts)		Within 1 mile of a school, Y (6pts), N (0pts)		Arterial and/or geographic barrier (10pts), Collector (6pts), Local (2pts)		1/4 mile (5pts), 1/2 mile (3pts), 3/4 mile (1pt), 3/4 mile + (0pts)		2,000'+ (8pts), 1,000' - 1,999' (5pts), <999' (3pts), doesn't fill a gap (0pts)		Y (6pts), N (0pts)		All (10pts), low income (4pts), minority (3pts), LEP area (3pts), none (0pts)		Y (4pts), N (0pts)	
													Within X distance of a grocery/resource center 1/4 mile (6pts), 1/2 mile (4pts) 3/4 mile (2pts), 3/4 mile + (0pts)													
						A	B	C	D	E	F	G	H	I	J	K										
	Total Points					10	15	10	10	12	10	5	8	6	10	4	100									
	Project BP#	Name/Intersection		From	To																					
1	BP-268	Leland/Wilmington BikePed Connection		Village Road	3rd Street	10	15	10	10	12	10	5	8	6	7	0	93									
2	BP-456	US - 117 /NC 132 (S. College Rd.) BikePed Improvement		Market ST	Shipyards Blvd	10	15	10	10	12	10	5	8	0	7	4	91									
3	BP-270	US - 17 BUS (3rd Street) MUP		Us 421 (Carolina Beach Rd)	Market Street	10	13	10	10	6	10	5	8	6	7	4	89									
4	BP - 861	US - 17 BUS (Market St.) Bicycle Lanes		Kerr Ave.	Coville Avenue	10	15	10	10	12	10	5	8	0	7	0	87									
5	BP-308	US - 117 (Shipyards Blvd. Trail) MUP		River Rd	Hugh McRae Park	10	15	10	10	12	10	5	8	0	3	0	83									
6	BP - 457	SR - 1175 (Kerr Ave.) BikePed Improvement		Randall Pkwy	Wrightsville Ave	10	13	10	10	12	10	3	8	0	7	0	83									
7	BP-458	SR - 1411 (Wrightsville Avenue) BikePed Improvements		Dawson St	Wood Dale Dr	10	10	10	10	12	10	5	8	0	7	0	82									
8	BP-35	US - 117/NC 132 (S. College Rd) MUP Ph I		Hurst Dr	Randall Pkwy	10	13	10	10	12	10	1	8	0	7	0	81									
9	BP - 303	SR - 1573 (Dow Rd. South) MUP		Snows Cut	7th Ave.	10	10	10	10	12	10	5	8	6	0	0	81									
10	BP - 316	River to Sea Trail (MUP)		Castle St.	Wrightsville Ave	6	10	10	10	12	10	5	8	6	0	4	81									
11	BP-559	Cross City Trail MUP		S Kerr Ave	College Rd	10	13	10	10	10	10	3	8	0	7	0	81									
12	BP-52	US - 76 (Oleander Dr) BikePed Improvements		Hawthorne Rd	42nd St	10	13	10	10	12	10	5	8	0	0	0	78									
13	BP-36	US - 117/NC 132 (S. College Rd.) MUP Ph II		Randall Pkwy	New Centre Dr	10	13	10	10	12	10	0	8	0	4	0	77									
14	BP-373	Gordon Road BikePed Improvements		Military Cutoff Rd	College Rd	6	15	10	10	12	10	5	8	0	0	0	76									
15	BP - 788	3rd St. & Brunswick St.				10	13	10	10	6	10	5	3	6	3	0	76									
16	BP-16	SR - 1209 (Independence Blvd) Extension MUP		Randall Pkwy	South of MLK Jr Pkwy	10	13	10	10	10	10	5	0	0	7	0	75									
17	BP-307	US - 421 (Carolina Beach Rd. Trail) MUP		17th St	Sanders Rd	10	15	10	10	12	10	5	0	0	3	0	75									
18	BP-426	North Smith Creek Trail		Smith Creek Park	Northchase Pkwy	10	10	10	10	12	10	5	8	0	0	0	75									

					A	B	C	D	E	F	G	H	I	J	K	
19	BP-464	US - 421 (Carolina Beach Rd.) BikePed Improvements	Burnett Blvd	St Andrews Dr	10	15	10	10	12	10	5	0	0	3	0	75
20	BP - 681	US - 76 (Oleander Dr.) & US - 76 (Dawson St.)			10	10	10	10	12	10	3	3	0	7	0	75
21	BP-233	Floral Pkwy BikePed Improvements	Indpendence Mall Entrance	Wrightsville Ave	10	8	10	10	12	10	5	8	0	0	0	73
22	BP-277	Masonboro Loop Trail I	Navaho Trl	Hugh McRae Park	10	13	10	5	12	10	5	8	0	0	0	73
23	BP - 336	Airlie Rd. MUP	Military Cutoff Rd.	Eastwood Rd.	2	13	10	5	10	10	5	8	6	0	4	73
24	BP-398	SR - 1272 (New Centre Dr.) BikePed Improvements	College Rd	Columb Dr	6	13	10	10	12	10	0	8	0	4	0	73
25	BP-619	Carolina Beach Rd & Antoinette Dr			10	15	10	10	12	10	3	0	0	3	0	73
26	BP - 661	US - 117/NC -132 (S. College Rd.) & Randall Parkway			10	13	10	10	10	10	0	3	0	7	0	73
27	BP - 546	US - 117/NC 132 (N. College Rd.) Central Trail MUP	South Smith Ck. Trail	Northchase Pkwy	10	15	10	10	12	10	5	0	0	0	0	72
28	BP - 589	US - 421 (Carolina Beach Rd.) and US - 117 (Shipyard Blvd.) Pedestrian Crossing Improvements			10	15	10	10	8	10	3	3	0	3	0	72
29	BP - 649	SR - 1272 (New Centre Dr.) & US - 117 N/NC - 132 (S. College Rd.)			10	13	10	10	12	10	0	3	0	4	0	72
30	BP - 700	US - 17 BUS (Market St.) & Lullwater Dr.			10	15	10	10	10	10	0	3	0	4	0	72
31	BP-396	SR - 1409 (Military Cutoff) BikePed Improvements	Wrightsville Ave	Eastwood Rd	10	10	10	10	4	10	5	8	0	0	4	71
32	BP - 722	N. 3rd St. & Red Cross St.			10	8	10	10	6	10	5	3	6	3	0	71
33	BP - 604	Lewis Dr & US - 421 (Lake Park Blvd.)			10	15	10	5	6	10	5	3	6	0	0	70
34	BP - 846	St. Joseph St. & US - 421 (N. Lake Park Blvd.) Intersection Improvements			10	10	10	10	6	10	5	3	6	0	0	70
35	BP-1	5th Ave Bicycle Lanes	Cambell St	Greenfield Lake Park	2	13	10	10	6	10	5	0	6	7	0	69
36	BP-147	Central Blvd/Morningside Dr BikePed Improvements	Burnett Blvd	Yaupon Dr	10	8	10	10	6	10	3	8	0	0	4	69
37	BP - 765	10th St. & US - 76 (Wooster St.)			10	13	10	5	6	10	5	3	0	7	0	69
38	BP-15	SR - 1209 (Independence Blvd) MUP Ph II	Us 421 (Carolina Beach Rd)	S 17th St	10	8	10	5	12	10	5	8	0	0	0	68
39	BP - 636	University Drive & US - 117/ SR - 132 (S. College Rd.)			10	10	10	10	10	10	1	0	0	7	0	68
40	BP-28	US - 76 (Causeway Dr) Bicyclist Improvements	Airlie Rd	Waynick Blvd	10	13	5	0	6	10	5	8	6	0	4	67
41	BP-45	SR - 2313 (Wilshire Blvd) BikePed Improvements	Wrightsville Ave	Kerr Ave	6	10	10	10	12	6	5	8	0	0	0	67
42	BP - 370	Front St. Sharrow	Ann St.	Cape Fear Mem. Bridge	6	10	10	10	6	6	5	0	6	4	4	67
43	BP - 381	John D. Barry Dr. MUP	17th St.	Robert E. Lee	6	10	10	10	12	6	5	8	0	0	0	67
44	BP-324	US - 421 MUP	Sutton Steam Plant Rd	Battleship Park	10	15	10	0	6	10	5	0	6	0	4	66
45	468b	Downtown Trail Greenway (Phase II, Nutt St to Burnt Mill Creek)	Nutt St	Burnt Mill Creek	6	10	10	10	6	10	5	0	6	3	0	66
46	BP - 560	US - 421 (Carolina Beach Rd and Halyburton Pkwy) BikePed Crossing Improvements			10	13	10	0	10	10	5	8	0	0	0	66
47	BP - 698	US - 17 BUS (Market St.) & (Barclay Hills Dr.) Pedestrian Crossing Improvements			10	10	10	5	10	10	1	3	0	7	0	66
48	BP - 744	10th St. & US - 76 (Dawson St.)			10	10	10	5	6	10	5	3	0	7	0	66
49	BP - 775	SR - 1409 (Military Cutoff Rd.) & Destiny Way/Fresco Dr.			10	10	10	10	6	10	3	3	0	0	4	66
50	BP-269	SR - 1492 (Masonboro Loop Rd.) MUP II	Navaho Trl	College Rd/NC 132	10	13	10	5	12	10	5	0	0	0	0	65
51	BP - 361	US - 117/NC 132 (N. College Rd.) MUP	Blue Clay Rd	North Chase Pkwy.	10	10	10	10	10	10	5	0	0	0	0	65
52	BP - 551	US - 421 (Central Lake Park Blvd.) Sidewalks	Atlanta	Alabama	10	10	5	5	6	10	5	8	6	0	0	65
53	BP - 556	SR - 1217 (17th St.) NHC Library Connection MUP	John Barry Dr	Pine Valley Branch Library	2	8	10	10	12	10	5	8	0	0	0	65

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54	BP - 581	US 421 (Carolina Beach Rd.) & US - 117/NC - 132 (S. College Rd.)			10	10	10	10	12	10	3	0	0	0	0	65
55	BP - 774	SR - 1409 (Military Cutoff Rd.) & Sir Tyler Dr.			10	10	10	5	12	10	1	3	0	0	4	65
56	468a	Downtown Trail Greenway (Phase I, Riverfront Boardwalk to Bess St)	Riverfront Boardwalk	Bess St	10	0	10	10	6	10	5	0	6	7	0	64
57	BP-591	Greenville Loop Rd & Oleander Drive			10	8	10	5	6	10	5	3	0	3	4	64
58	BP-39	Burnt Mill Creek MUP	Market ST	Archie Blue Park	6	10	10	5	6	10	5	8	0	3	0	63
59	BP - 471	Front St. Sharrow	Market ST	Downtown Greenway	6	10	10	10	6	6	5	0	6	0	4	63
60	BP - 646	US - 117/ NC - 132 (S. College Rd.) & US - 76 (Oleander Dr.)			10	8	10	5	12	10	5	3	0	0	0	63
61	BP-305	US - 421 (Carolina Beach Rd.) MUP	Sanders Rd	River Rd	10	15	10	0	12	10	5	0	0	0	0	62
62	BP-423	US - 17 Bus. (Market St.) Rail Trail MUP	Cape Harbor Dr	Porters Neck Rail Trail	10	15	5	5	12	10	5	0	0	0	0	62
63	BP - 860	US - 74 (Wrightsville Beach Sidewalk Realignment)	Drawbridge laneshift	Drawbridge laneshift	10	13	5	0	8	10	3	3	6	0	4	62
64	BP - 441	US - 76 (Causeway Dr.) Sharrows	Airlie Rd	Waynick Blvd	10	13	5	0	8	10	5	0	6	0	4	61
65	BP - 648	SR - 1409 (Military Cutoff Rd.) & US - 74 (Eastwood Rd.)			10	5	10	10	6	10	3	3	0	0	4	61
66	BP-306	SR - 1576 (South River Rd. Trail) MUP II	Sanders Rd	Soundside Dr	10	15	10	0	10	10	5	0	0	0	0	60
67	BP - 355	US - 117/NC 133 (Castle Hayne Rd.) Bicycle Lanes	Kerr Ave.	North of I-140	10	15	10	0	12	10	3	0	0	0	0	60
68	BP - 432	South Smith Creek Trail	Kerr Ave.	Market Street	10	10	10	5	10	10	5	0	0	0	0	60
69	BP - 437	US - 117/NC 133 (Castle Hayne Rd.) Bicycle Lanes	Kerr Ave.	Brentwood Dr.	10	15	10	0	12	10	3	0	0	0	0	60
70	BP - 584	US - 117/NC - 132 (S. College Rd.) & Shopping Center Entrance			10	0	10	10	12	10	5	3	0	0	0	60
71	BP-49	Peachtree Ave MUP	S Kerr (BP 457)	Hugh McRae Park	2	10	10	10	12	2	5	8	0	0	0	59
72	BP-276	NC 133/River Road MUP	Village Road	WMPO Boundary	10	10	10	0	6	10	5	8	0	0	0	59
73	BP-590	Military Cutoff Rd & Wrightsville Avenue			10	10	10	5	2	10	5	3	0	0	4	59
74	BP - 597	SR - 1217 (17Th St.) & Glen Meade Rd			10	10	10	5	10	10	1	3	0	0	0	59
75	BP - 639	S 21st St & US - 17 BUS (Market St.)			10	10	10	5	6	10	5	3	0	0	0	59
76	BP - 669	US - 421 (S. 3rd St.) & US - 76 (Dawson St.)			10	0	10	10	6	10	3	3	0	7	0	59
77	BP-397	SR - 1272 (New Centre Dr.) Bicycle Lanes I	College Rd	Terminus	6	10	10	10	12	6	0	0	0	4	0	58
78	BP - 635	Parker Farm Dr & SR - 1409 (Military Cutoff Rd.)			10	0	10	10	6	10	5	3	0	0	4	58
79	BP-304	US - 421 (Snow's Cut Bike/Ped Bridge)	Soundside Dr	Bridge Barrier Rd	10	5	5	10	6	10	5	0	6	0	0	57
80	BP-433	SR -1492 (Myrtle Grove Rd.) Trail MUP	Carolina Beach Rd/College Rd	Carolina Beach Rd	10	10	10	0	12	10	5	0	0	0	0	57
81	BP - 754	SR - 1301 (Princess Place Dr.) and 30th. St.			6	10	10	10	6	6	3	3	0	3	0	57
82	BP-280	College Acres Dr. MUP	Oriole Dr	College Rd	6	10	10	10	10	6	0	0	0	4	0	56
83	BP - 325	US - 74 (Wrightsville Beach Trail) MUP	Causeway Bridge	South Ridge Lane	10	10	3	0	8	10	5	0	6	0	4	56
84	BP - 281	US - 76 Waynick Blvd. Bike Lanes	Causeway Bridge	S. Lumina Ave.	10	10	0	0	6	10	1	8	6	0	4	55
85	BP - 349	Cape Fear Blvd. Bicycle Lanes	3rd St.	CB Ave.	2	8	10	10	12	2	5	0	6	0	0	55
86	BP-406	Princess Street Sharrows	5th St	20th St	2	10	10	10	6	6	5	0	6	0	0	55
87	BP - 574	Drysdale Dr & SR - 1409 (Military Cutoff Rd.)			10	0	10	10	6	10	5	0	0	0	4	55
88	BP-594	Carolina Beach Rd & Independence Blvd			10	0	10	5	12	10	5	3	0	0	0	55
89	BP - 633	SR - 1409 (Military Cutoff Rd.) & Cayman Court			10	10	5	5	8	10	0	3	0	0	4	55
90	BP - 647	US - 17 BUS (Market St.) & SR - 2048 (Gordon Rd.)			10	0	10	10	12	10	3	0	0	0	0	55
91	BP-297	SR - 1472 (Village Rd.) MUP Loop	Old Mill Rd	S. Navassa Rd.	10	0	10	5	10	10	5	0	0	3	0	53
92	BP - 579	SR - 1409 (Military Cutoff Rd.) & Station Rd			10	0	10	10	8	10	1	0	0	0	4	53
93	BP - 642	US - 74 (Eastwood Rd.) & Bay Creek Dr.			10	8	10	5	2	10	1	3	0	0	4	53

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94	BP-863	Middle Sound Loop MUP	Red Cedar Rd	Market Street Rail Trail	10	10	0	5	12	10	5	0	0	0	0	52
95	BP-345	SR - 1318 (Blue Clay Rd Bicycle Lanes II)	Sidbury Rd	Proposed Rail Trail Corridor	10	5	10	5	6	10	5	0	0	0	0	51
96	BP-193	Lake Ave BikePed Improvements	Hallifax Rd	College Rd	2	8	10	5	10	2	5	8	0	0	0	50
97	BP-301	I-140 East MUP	Market St	Murrayville Rd	10	10	3	0	12	10	5	0	0	0	0	50
98	BP-442	US - 74 (N.Lumina Ave.) Sharrows	Salisbury St	Causeway Dr	10	13	0	0	6	10	1	0	6	0	4	50
99	BP - 795	SR - 2048 (Gordon Rd.) & SR - 2698 (Netherlands Dr.)			10	0	10	5	10	10	5	0	0	0	0	50
100	BP-430	SR - 1576 (North River Rd.) Trail MUP (Remaining Section)	Independence Blvd	Sanders Rd	10	10	0	5	8	10	5	0	0	0	0	48
101	BP - 856	US - 76 (Cape Fear River Crossing)	East side of river	West side of river	10	0	10	5	8	10	5	0	0	0	0	48
102	BP-14,285	SR - 1209 (Independence Blvd) MUP Ph I	River Rd	US 421 (Carolina Beach Rd)	10	0	10	0	12	10	5	0	0	0	0	47
103	BP-240	SR - 1551 (Blackwell Rd SE) MUP	NC 133/River Rd	Chappell Loop Rd SE	6	8	5	5	12	6	5	0	0	0	0	47
104	BP-563	Causeway Dr & Salisbury St			10	0	3	0	6	10	5	3	6	0	4	47
105	BP - 855	US - 421 (Carolina Beach Rd.) & Echo Farms Blvd./George Anderson Crossing Improvements			10	0	10	5	8	10	1	3	0	0	0	47
106	BP - 859	SR - 1619 (Brunswick Forest to Town Creek Park and Schools) MUP	Brunswick Forest Pkwy.	Zion Church Rd. NE	10	10	10	0	6	10	0	0	0	0	0	46
107	BP - 849	US - 421 (S. Lake Park Blvd.) and Driftwood Ln. Intersection Improvements			10	0	3	5	6	10	5	0	6	0	0	45
108	BP-298	Chappell Loop Bicycle Lanes	NC 133/River Rd	Blackwell Road	10	8	5	0	6	10	5	0	0	0	0	44
109	BP - 322	Carolina Beach Waterfront Trail (MUP)	Carl Winner Ave.	Hamlet Ave.	2	0	10	5	6	2	5	8	6	0	0	44
110	BP-326	Rogersville Rd Trail (MUP)	Eastwood Rd	Wrightsville Ave	2	10	10	5	2	10	1	0	0	0	4	44
111	BP-409	St Joseph Street Bike Lane and Sidewalk	Lees Lane	Lewis Drive	2	0	5	10	6	2	5	8	6	0	0	44
112	BP - 580	US - 421 (Carolina Beach Rd.) and Mateo Dr. Pedestrian Crossing Improvements			10	0	10	5	6	10	0	0	0	3	0	44
113	BP 273	Country Club MUP	Sloop Point Loop Rd	US 17	6	10	0	0	10	6	5	0	6	0	0	43
114	BP - 577	SR - 1363 (Bayshore Dr.) & US - 17 (Market St.)			10	10	0	5	8	10	0	0	0	0	0	43
115	BP - 12	US - 17 (Ocean Highway) MUP	Ploof Rd.	Ocean Gate Plaza	10	5	10	0	6	10	1	0	0	0	0	42
116	BP - 626	SR - 1187 (River Rd.) & US - 421 (Carolina Beach Rd.)			10	10	5	0	2	10	5	0	0	0	0	42
117	BP - 644	US - 76 (Causeway Dr.) & SR - 1452 (N.Lumina Ave.)			10	5	0	0	6	10	1	0	6	0	4	42
118	BP-838	US 17 & Olde Waterford Way/Ploof Rd SE			10	0	10	5	6	10	1	0	0	0	0	42
119	BP-247	SR - 1561 (Sloop Point Loop Rd) MUP	Country Club Dr	US 17	6	13	0	0	6	10	5	0	0	0	0	40
120	BP-411	SR - 1336 (Sidbury Rd.) BikePed Improvements	US 17	Dairy Farm Rd	6	0	10	5	6	10	3	0	0	0	0	40
121	BP - 246	US - 421 (South Fort Fisher Blvd.) MUP	Ft Fisher Aquarium Path	Ferry Terminal	10	0	0	0	0	10	5	8	6	0	0	39
122	BP - 842	US - 17 (Ocean Hwy E.) & SR - 1438 (Lanvale Rd. NE)/Provision Parkway			10	8	5	0	6	10	0	0	0	0	0	39
123	BP - 179/209	Hampstead Bypass MUP	Dairy Farm Rd.	Old Whitfield Rd.	10	15	3	0	0	10	0	0	0	0	0	38
124	BP - 851	US - 421 (S. Lake Park Blvd.) & North Carolina Ave. Intersection Improvements			10	0	0	5	6	10	1	0	6	0	0	38
125	BP- 56	Clarendon Ave MUP	Dow St.	4th St.	2	0	3	5	6	2	5	8	6	0	0	37
126	BP - 165	SR - 1516 (Navaho Trail) MUP	Masonboro Loop (north)	Masonboro Loop (south)	2	10	3	5	6	10	1	0	0	0	0	37

					A	B	C	D	E	F	G	H	I	J	K	
127	BP - 792	US - 17 BUS (Market St.) & SR - 2219 (N. Green Meadows Dr.)			10	0	0	5	6	10	3	0	0	3	0	37
128	BP - 845	Harper Ave.& Canal Dr. Intersection Improvements			2	0	10	5	6	2	3	3	6	0	0	37
129	BP-13	West Gate Park Connector MUP	West Gate Dr	Wire Rd	2	5	10	0	6	10	3	0	0	0	0	36
130	BP - 180	US -117/NC 133 (Castle Hayne Rd.) MUP	US 117	NC 210	10	10	0	0	6	10	0	0	0	0	0	36
131	BP - 212	US - 117/NC 132 (N. College Rd.) MUP	NC 210	NC 133	10	10	0	0	6	10	0	0	0	0	0	36
132	BP - 572	US - 421 & Isabel Holmes Bridge			10	0	3	0	6	10	3	0	0	0	4	36
133	BP - 854	Harper Ave. & N. 7th St. Intersection Improvements			2	0	5	10	6	2	5	0	6	0	0	36
134	BP-178	SR - 1336 (Sidbury Rd) BikePed Improvements	US 17	Dairy Farm Rd	6	10	3	0	6	10	0	0	0	0	0	35
135	BP - 146	Halifax Rd. BikePed Improvements	Lake Ave.	Fordham Rd.	2	0	10	5	12	2	3	0	0	0	0	34
136	BP-239	Brunswick Nature Park Connector I MUP	US 17	Mallory Creek Dr	10	0	5	0	4	10	5	0	0	0	0	34
137	BP - 625	SR - 1187 (Sanders Rd.) & SR - 1187 (River Rd.)			10	0	0	5	8	10	1	0	0	0	0	34
138	BP - 839	US - 17 (Ocean Hwy E.) & W. Gate Dr./Grandiflora Dr.			10	0	10	0	4	10	0	0	0	0	0	34
139	BP-843	K Ave & Us 421			10	0	0	0	0	10	5	3	6	0	0	34
140	BP - 223	SR - 1569 (Hoover Rd.) MUP	US 17	Tim Moore Dr.	6	10	0	0	6	6	5	0	0	0	0	33
141	BP - 275	SR - 1592 (Landsdown Rd.) BikePed Improvements	Navaho Trail	S. College	2	5	10	5	8	2	1	0	0	0	0	33
142	BP - 862	Leland MUP	NC 133	US 17	10	5	3	0	2	10	3	0	0	0	0	33
143	BP - 852	US - 421 (S. Lake Park Blvd.) & South Carolina Ave. Intersection Improvements			10	0	0	0	6	10	0	0	6	0	0	32
144	BP - 261	SR - 1430 (Cedar Hill Rd.) MUP	Royster Rd.	Winding Trail Ext.	2	13	5	0	0	10	1	0	0	0	0	31
145	BP - 131	Lossen Lane MUP	Old Fayetteville Rd.	Old Village Rd.	2	0	10	0	8	2	5	0	0	3	0	30
146	BP-282	SR - 1187 (South River Rd. Trail) MUP I	Us 421 (Carolina Beach Rd)	River Rd	6	0	0	5	12	6	1	0	0	0	0	30
147	BP-237	SR - 1472 (Fletcher Rd NE) MUP	Lanvale Rd NE	Northwest Township District Park	2	0	10	0	10	2	5	0	0	0	0	29
148	BP - 627	SR - 1521 (Piner Rd.) & SR - 1492 (Myrtle Grove Rd.)			10	0	0	0	6	10	3	0	0	0	0	29
149	BP-286	SR - 1566 (Ploof Rd. SE) MUP	US 17	Chappell Loop Rd SE	2	0	10	5	6	2	3	0	0	0	0	28
150	BP-300	SR - 1402 (Porters Neck Rd.) MUP	Bald Eagle Ln	Future Passive Park	6	10	0	0	6	6	0	0	0	0	0	28
151	BP - 337	Alabama Ave MUP	Island Greenway	West Park Blvd.	2	0	10	0	0	2	0	8	6	0	0	28
152	BP - 858	Belville Elementary Connector in Belville	Belville Elementary	neighborhoods	2	0	3	0	8	10	5	0	0	0	0	28
153	BP - 248	SR - 1524 (Chappell Loop Rd. SE) MUP	Blackwell Rd (south)	Blackwell Rd (north)	2	0	5	5	10	2	3	0	0	0	0	27
154	BP 201	US - 117/NC 133 (Castle Hayne Rd.) MUP	NC 210	Cheshire Rd.	10	0	0	0	6	10	0	0	0	0	0	26
155	BP-206	Island Creek Rd BikePed Improvements	Royal Oak Ct	US 17	10	0	0	0	6	10	0	0	0	0	0	26
156	BP - 853	US - 421 (S. Lake Park Blvd.) & Texas Ave. Intersection Improvements			10	0	0	0	0	10	0	0	6	0	0	26
157	BP-238	Brunswick Nature Park Connector II MUP	Mallory Creek Dr	Brunswick Nature Park	10	0	0	0	0	10	5	0	0	0	0	25
158	BP - 42	Jenkins Road BikePed	US 17	St. Johns Church Rd.	2	10	0	0	10	2	0	0	0	0	0	24
159	BP -43	St. Johns Church Rd. BikePed	Jenkins Rd.	end	2	8	0	0	12	2	0	0	0	0	0	24
160	BP-97	Plantation Road MUP	Crooked Pine Rd	End of Plantation Rd (East End)	2	0	0	5	6	10	0	0	0	0	0	23
161	BP-561	Carolina Beach Rd & Myrtle Grove Rd			10	0	0	0	0	10	0	0	0	3	0	23
162	BP - 224	SR - 1569 (Hoover Rd.) MUP	Tim Moore Dr.	Highlands Dr.	6	0	0	0	6	10	0	0	0	0	0	22

					A	B	C	D	E	F	G	H	I	J	K	
163	BP-376	SR - 1002 (Holly Shelter Rd.) BikePed Improvements	Blue Clay Rd	Royal Oak Ct	6	0	0	0	6	10	0	0	0	0	0	22
164	BP - 469	SR - 1539 (Ocean Blvd.) MUP	S. Lake Park Blvd	Dow Rd	2	0	0	5	6	2	1	0	6	0	0	22
165	BP - 834	SR - 1539 (Ocean Ave.) & Island Greenway			2	0	0	5	6	2	1	0	6	0	0	22
166	BP-344	SR - 1318 (Blue Clay Rd Bicycle Lanes I)	Holly Shelter Rd	Sidbury Rd	6	0	3	0	6	6	0	0	0	0	0	21
167	BP-323	Western Rail Corridor Trail (MUP)	New Hanover County Line	US HWY 421	10	0	0	0	0	10	0	0	0	0	0	20
168	BP -272	Mallory Creek MUP	Cove Landing Dr	Lillibridge Dr.	2	0	0	0	0	2	5	8	0	0	0	17
169	BP - 857	Apache Trail MUP	Mohican Trail	Navaho Trail	2	0	0	5	0	10	0	0	0	0	0	17
170	BP-341	Bayfield Dr Sharrow	Bayshore Dr	Porters Neck Rd	2	0	0	0	4	2	0	8	0	0	0	16
171	BP-249	Jackey's Creek Connector MUP	Jackeys Creek Ln	Night Harbor Dr SE	2	0	0	0	0	10	1	0	0	0	0	13

2045 Draft Bicycle and Pedestrian Policies:

Develop and maintain a safety campaign for drivers, cyclists, and pedestrians.

Focus on improving bike and pedestrian safety at intersections using best practices and emerging tools.

Give high priority to safety improvements in the vicinity of schools, public transit, commercial corridors, and other high-use bicycle and pedestrian destinations.

Work toward addressing and improving challenging intersections and physical barriers, and consider pedestrian and bicycle movement in the planning stages for new or reconstructed facilities.

Proactively seek new opportunities for acquisition of abandoned rights-of-way, natural waterways, utility rights-of-way, and other lands for the development of new facilities that integrate with the planned system.

Encourage events that introduce residents to walking and bicycling, such as walk/bike to work, walk/bike to school, River to Sea bike ride, and charity or fundraising events.

Accommodate all types, ages, and abilities of users in a comfortable manner throughout the system, while recognizing that all modes of travel and/or level of user ability may not necessarily be accommodated on every road or path.

Support the development and adoption of local bicycle and pedestrian plans that identify projects to create an integrated and multimodal transportation system for the region.

Express interest in an increased availability of regional, state, and federal funding sources for bicycle and pedestrian transportation projects.




Utilize the WMPO Transportation Demand Management Committee, when appropriate, to develop projects, programs, initiatives, and events that support active transportation choices.

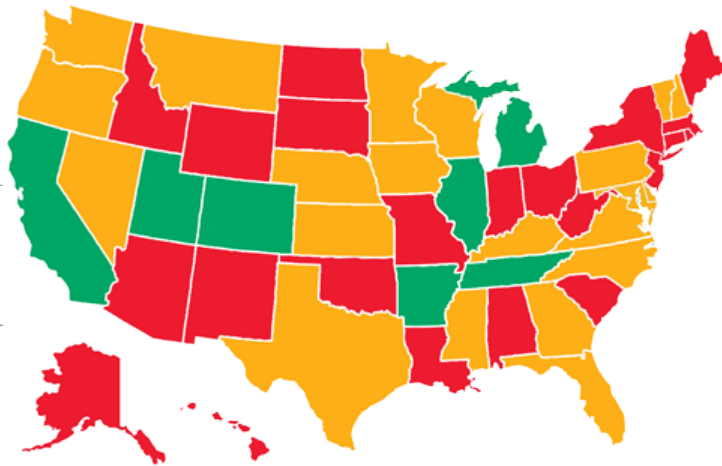
Continue to support the recommendations of the WMPO Bicycle and Pedestrian Advisory Committee.

Seek all possible funding sources to implement programs and projects. Work with federal, state, regional, and local agencies and any other available public or private funding sources to secure funding for the bicycle and pedestrian system.

Support the incentivization of public/private partnership development of bicycle and pedestrian facilities.

E-BIKE REGULATIONS

 MODEL LEGISLATION	<ul style="list-style-type: none">» PFB and BPSA have enacted our model law, which defines and regulates three classes of e-bikes.
 ACCEPTABLE	<ul style="list-style-type: none">» Regulated as a bicycle» Passengers allowed» No age minimum» No licensing or registration required» Can use existing bike infrastructure
 PROBLEMATIC	<ul style="list-style-type: none">» Regulated as a moped or motor vehicle» Confusing equipment + use requirements» Confusing licensing + registration requirements» Confusing access to bike infrastructure



SHARE

(https://peopleforbikes.org/wp-content/uploads/2017/12/E-Bike-Regulations_Map_12182017.png)

Electric bicycle (e-bike) laws are different in every state, and can be confusing for consumers, retailers, and suppliers. The Bicycle Product Suppliers Association and PeopleForBikes have a partnership to make riding an e-bike easy and accessible for all.

With clear rules on how and where to ride an e-bike, everyone stands to benefit. Local bicycle shops and manufacturers will see increased business and their customers will no longer be confused; people who already ride e-bikes can more easily understand where to ride; and new bicyclists who may be discouraged from riding a traditional bicycle due to limited physical fitness, age, disability or convenience will have new transportation alternatives.

NOTE FOR ELECTRIC MOUNTAIN BIKE RIDERS: This map represents how e-bikes are interpreted in each state's vehicle code, and where e-bikes are allowed to go on the road, bike lanes, bike paths, or other paved or hard-surface bicycle infrastructure. The vehicle code does not apply to electric mountain bike access on motorized and non-motorized trails typically used for hiking, biking, and other singletrack or doubletrack trail experiences. eMTB access on singletrack is different than access to paved and soft surface bike lanes and bike paths; eMTBs are not allowed everywhere traditional mountain bikes are; and on federal, state, county and local trails, eMTB access varies significantly. Always consult with your local land manager for access questions.

Click the buttons below to access more information about e-bikes:



(<https://peopleforbikes.org/our-work/e-bikes/policies-and-laws/>)



(<https://peopleforbikes.org/our-work/e-bikes/research-and-stats/>)

(<https://peopleforbikes.org/our-work/e-bikes/rides-and-routes/>)



(<https://peopleforbikes.org/our-work/e-bikes/for-advocates/>)



(<https://peopleforbikes.org/our-work/e-bikes/for-retailers/>)

(<https://peopleforbikes.org/our-work/e-bikes/for-land-managers/>)

For more information:

- Alex Logemann, director of state + local policy, Alex@PeopleForBikes.org (<http://Alex@PeopleForBikes.org>)
- Morgan Lommele, e-bike campaigns manager, Morgan@PeopleForBikes.org (<mailto:Morgan@PeopleForBikes.org>)
- Sign up to receive periodic e-bike news [here](https://peopleforbikes.org/ebikes-list-join/) (<https://peopleforbikes.org/ebikes-list-join/>).

Meeting Minutes*
Wilmington Urban Area Metropolitan Planning Organization
Bicycle and Pedestrian Advisory Committee
Date: February 12th, 2019

Members Present:

Katie Ryan, Town of Wrightsville Beach
Steve Whitney, Brunswick County
Barnes Sutton, Town of Navassa
Neal Andrew, NC Board of Transportation
Patrick Boykin, Town of Carolina Beach
Vanessa Lacer, Wave Transit
Nick Cannon, WMPO
Shawn Spencer, New Hanover County
Sam Spicer, Cape Fear Cyclists
Duncan McCabe, City of Wilmington
Karin Mills, City of Wilmington
John Sneed, Visitors Bureau

Staff and Guests Present:

Abby Lorenzo, WMPO
Zach Manfredi, WMPO
Travis Henley, Pender County
Rebekah Roth, New Hanover County

1. Call to order

- K. Ryan called the meeting to order.

2. Approval of the agenda

- N. Andrew made motion to approve the agenda and it was seconded by D. McCabe. All were in favor.

3. Approval of the minutes from January 8, 2019

- S. Whitney made a motion to approve the minutes and it was seconded by P. Boykin. All were in favor.

4. Cape Fear Moving Forward 2045 Bicycle and Pedestrian Criteria Development

- A. Lorenzo made an introduction of the item and overviewed the materials provided to the committee for review and discussion. Staff reviewed the project lists and scoring and found that the sample projects scored in a logical manner.
- Committee discussed the spreadsheet provided and staff fielded questions related to the data used to measure the objectives for scoring. Another common theme was the need to understand the costs of projects and balancing the system benefit for funding projects that create an interconnected network against the total needs for the system.
- Committee asked about the impacts of roadway posted speeds on project selection. WMPO staff are looking into that item and discussed how analyzing speed as a project

criterion could potentially boost the scores of projects in rural locations. Staff will conduct further investigation on how to incorporate speed and provide that information to the subcommittee.

- K. Ryan asked the committee to consider a motion to approve the scoring methodology and request staff to score all Bicycle and Pedestrian proposed projects.
- J. Sneed made a motion to direct staff to evaluate all projects using the criteria and metrics and it was seconded by S. Spencer. All in favor.

5. Cape Fear Moving Forward 2045 Bicycle and Pedestrian Policy Development

- A. Lorenzo introduced the draft policies developed by staff and asked for the committee to take a few moments to review the policies and discuss revisions and additions.
- Committee discussed the policies as written and proposed several revisions to further clarify language.
- A. Lorenzo provided language for two addition policies for the committee to consider:
 - i. Seek all possible funding sources to implement programs and projects. Work with federal, state, regional, and local agencies and any other available public and private funding sources to secure funding for the bicycle and pedestrian system.
 - ii. Support incentives for public/private partnership development of bicycle and pedestrian facilities.
- K. Mills made a motion to approve the draft policies with the additions proposed and it was seconded by P. Boykin. All in Favor.

6. Bicycle and Pedestrian Committee Fall Bike Ride/Educational Outreach Event discussion

- K. Ryan introduced the item as part of the Standing Committee's agenda. Modal subcommittee members could remain for the items or choose to leave at this time.
- N. Cannon provided background on the item and the previous discussion regarding interest in a second bike outreach event, potentially in the fall season and involving collaboration with local organizations such as UNCW.
- Committee discussed the history and evolution of the River to Sea Bike Ride event. Expressed interest in providing educational event or an event aimed at wider participation by children and families. Concerns about the traffic impacts of the River to Sea, growing popularity, and early start time effecting the types of participants.
- Discussion on joining an existing event or promoting a partner event within the area. Potential partners could be UNCW, Cape Fear Cycles, neighborhood schools, National Interscholastic Cycling Association, and local businesses. Existing events could be River Fest (October), Roll and Ride (CCT), Walk/Bike to School (May), or Azalea Festival (April) that may offer a space to table and conduct demonstrations or educational component. Committee agrees it may be an option to restructure River to Sea to make the event more attractive to children and families that may not be able to participate due to pace, start time, or distance.
- S. Spencer volunteered to reach out to the River Fest organization to find out if the event would be an appropriate venue for a bike educational opportunity.

- B. Sutton discussed improvements and plans for communities in Brunswick County that may provide for a viable route to hold a future event. Potential for a Navassa to Belville ride to complement the River to Sea that is in New Hanover County.

7. River to Sea Bike Ride Subcommittee Update

- N. Cannon shared outcomes of the February meeting which included the t-shirt design, website design and online payment system, date: May 4, 2019, and a minor route change to avoid crosswalk at 4th St and Ann. A meeting was also held with the City Police Department to discuss the event.

8. Bicycle and Pedestrian Committee Standing Meeting Time Discussion

- K. Ryan opened the item to discuss an earlier start time for the Bicycle and Pedestrian Advisory Committee meetings.
- K. Mills made a motion to approve a 2:00 pm start time and it was seconded by S. Spencer. All were in favor.

9. Next Meeting

- Announced the next meeting to be held on March 12th, 2019 at 2pm
- WMPO staff will continue to support the Advisory Committee and the Modal Subcommittee while Abby is away from the office.

10. Adjournment

- S. Spicer made a motion to adjourn and it was seconded by S. Whitney. All were in favor.

*The above minutes are not a verbatim record of the proceedings. The entire proceedings are recorded on a compact disk as part of this record.