

Recommended Bicycle and Pedestrian Project Submittals
NCDOT Prioritization 5.0/2020-2029 TIP Development
Bicycle and Pedestrian Work Group (Recommended: 7/6/2017)

Basic Project Information								Cost						
Count	Submittal Type	Route / Facility Name	From / Cross Street	To / Cross Street	Project Sponsor	Description	Specific Improvement Type	Actual (Total) Project Cost	Cost to NCDOT	Prelim Eng Design Cost	ROW Cost	Construction Cost	Other/Matching Funds	Other Funds - Source
1	Re-Submit P4.0 Project	SR 3156 (Margaret Wallace Road) Sidewalk	SR 3174 (Idlewild Road) Sidewalk	Marshbrooke Road	Charlotte	Construct gaps in the sidewalk network along Margaret Wallace Road between Idlewild Road and Marshbrooke Road	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 950,000	\$ 760,000	\$ 101,400	\$ 345,000	\$ 503,600	\$ 190,000	City of Charlotte
2	Re-Submit P4.0 Project	NC 16 (Providence Road) Sidewalks	Greentree Drive	Knob Oak Lane	Charlotte	Construct a missing sidewalk link in the network along the west side of Providence Road from Greentree Drive to Knob Oak Lane.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 1,154,100	\$ 865,575	\$ 91,800	\$ 473,000	\$ 589,300	\$ 288,525	City of Charlotte
3	New Project	Marsh Road Sidewalk	Melbourne Court	Wriston Place	Charlotte	This project will build sidewalk along Marsh Road between Melbourne Court and Wriston Place.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 1,050,000	\$ 829,500	\$ -			\$ 220,500	City of Charlotte
4	New Project	Ideal Way/Poindexter Drive Connection	Ideal Way	Poindexter Dr	Charlotte	A pedestrian and bicycle bridge between Poindexter Dr and Ideal Way is a critical connection between the Marsh Properties redevelopment. It will provide a direct connection between several neighborhoods and a major retail redevelopment area in South End, and reduces what would be a 0.6 mile trip to 0.1 miles and remove the need for both modes to travel on South Boulevard. In addition, it will be one of only two opportunities to create a connection between Dilworth and Sedgefield for nearly 1 mile between South Blvd and Park Rd. 0.1 miles; 12 ft wide asphalt path including 430 ft pedestrian bridge.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,700,000	\$ 1,300,000	\$ 131,000	\$ -	\$ 655,000	\$ 400,000	City of Charlotte
5	Re-Submit P4.0 Project	McDowell Creek Greenway - Westmoreland Road (SR 2147) Underpass	South side of Westmoreland Road	North side of Westmoreland Road	Cornelius	The McDowell Creek Greenway Underpass will connect two sections of the McDowell Creek Greenway via an underpass under Westmoreland Rd. The southern section of the McDowell Creek Greenway is existing and the northern section is currently under development and is funded in the TIP as project EB-5817 with STPDA dollars. This underpass will also connect to EB-5777 (funded for construction in FY 2020) which will construct a multi-use path on the Westmoreland Rd Bridge and along Westmoreland rd, connecting the underpass project to JV Washam Elementary. This project also connects to the existing Multi-Use Path along Westmoreland Rd (see map for all facility connections).	Grade Separation	\$ 3,011,608	\$ 2,406,287	\$ 250,000	\$ -	\$2,761,608	\$ 605,321	Town of Cornelius
6	New Project	Jetton St Sidewalk	Griffith Street	Potts Street	Davidson	Jetton Street connects Griffith Street to the east to Potts Street to the west. Along and near Jetton Street are the Ada Jenkins Center, neighborhoods, shopping complexes, bus routes, and schools. Jetton Street currently has a sidewalk on the north side but is lacking facilities along its south side. New sidewalk along Jetton Street would improve pedestrian connections along Jetton, to downtown, and to Griffith Street, as well as reduce the need to cross the street to use existing sidewalk.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 290,000	\$ 232,000				\$ 58,000	Town of Davidson
7	New Project	Potts Sloan Beatty Multi-Use Trail - Phase 1	Potts Street	Griffith Street	Davidson	Multi-use trail along the Potts Sloan Beatty Corridor is very important as it would be the Town's portion of the Mooresville to Charlotte Trail and serve as an important connection as the Town continues to support active transportation options. Also, as the Town begins construction of the Potts Sloan Beatty connector and a roundabout at Potts, Sloan and Griffith, this facility will connect to the multi-use trail elements that will be built as part of these projects. It is anticipated that the source of local matching funds will be General Obligation Bonds.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,167,750	\$ 934,200	\$ 75,000	\$ 350,000	\$ 440,000	\$ 233,550	Town of Davidson
8	New Project	Potts Sloan Beatty Multi-Use Trail - Phase 2	Griffith Street	N Main Street	Davidson	Multi-use trail along the Potts Sloan Beatty Corridor is very important as it would be the Town's portion of the Mooresville to Charlotte Trail and serve as an important connection as the Town continues to support active transportation options. Also, as the Town begins construction of the Potts Sloan Beatty connector and a roundabout at Potts, Sloan and Griffith, this facility will connect to the multi-use trail elements that will be built as part of these projects. It is anticipated that the source of local matching funds will be General Obligation Bonds.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,316,250	\$ 1,053,000	\$ 125,000	\$ 100,000	\$ 750,000	\$ 263,250	Town of Davidson
9	Re-Submit P4.0 Project	NC 115	Hambright Road (SR 2117)	Mount Holly Huntersville Road (SR 2004)	Huntersville	Construct Bicycle Lanes along NC 115 in Huntersville	2. On-Road; Designated Bicycle Facility (Bicycle)	\$ 3,360,000	\$ 2,688,000	\$ 150,000	\$ 600,000	\$ 2,610,000	\$ 672,000	Town of Huntersville
10	New Project	Price Mill Creek Greenway	Old Monroe Rd	Garden Oak Dr	Indian Trail	Construct a new greenway from Old Monroe Road to Garden Oak Drive. The greenway would connect existing neighborhood greenways to this portion of the Carolina Thread Trail.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 4,200,000	\$ 3,150,000				\$ 1,050,000	Town of Indian Trail

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11	New Project	Indian Trail Fairview Sidewalk	Independence Boulevard	Rose Drive	Indian Trail	Sidewalk would be constructed on the NW side of the road connecting, the Old Hickory Business Park, a low density development, First Baptist Church of Indian Trail/Metroline Christian Academy and the HWY 74 business area.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 267,000	\$ 200,000		\$ -		\$ 67,000	Town of Indian Trail
12	New Project	Bike Improvements In Indian Trail	Multiple	Multiple	Indian Trail	The Town would like to install bike lanes along Brandon Oaks Parkway along with 2 pedestrian neighborhood connections from Beacon Hills to an adjacent shopping center and neighborhood.	2. On-Road; Designated Bicycle Facility (Bicycle)	\$ 350,000	\$ 262,500				\$ 87,500	Indian Trail
13	New Project	Matthews Township Parkway Multi-Use Path	North Trade Street	Independence Point Parkway	Matthews	This project will add a half-mile missing segment of sidewalk network on the south side of Matthews Township Parkway (NC 51), connecting existing sidewalk on North Trade Street at Matthews Township Parkway to existing sidewalk on Independence Point Parkway. The sidewalk will enable people to better access the existing bus stops along this stretch of roadway where there is already a worn path from pedestrians. An existing signalized intersection will be upgraded as part of this project to include pedestrian signals and a crosswalk. It is likely a wall will be needed for the majority of the length of the project. Planning, design, some right-of-way, and construction administration is included in the estimate; however the hospital will donate right-of-way for this project.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,075,000	\$ 860,000				\$ 215,000	Town of Matthews
14	New Project	Pleasant Plains Rd Multi-Use Path	South Trade Street	McKee Road	Matthews	Multi-use path along Pleasant Plains Road, between McKee Road and S Trade Street in Matthews	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 1,650,000	\$ 1,540,000	\$ -	\$ -	\$ 1,320,000	\$ 330,000	Town of Matthews
15	Re-Submit P4.0 Project	Stallings Elementary School Sidewalk Network	SR 1365 (Stallings Road)	SR 1524 (Stevens Mill Road)	Stallings	Construct a sidewalk network along Stallings Road and Stevens Mill Road that would connect residential subdivisions to Stallings Elementary School. See attached map. The segments within the blue polygon are under construction, and the segments within the red ovals will connect to residential neighborhoods to the sidewalk that is under construction.	5. Protected Linear Pedestrian Facility (Pedestrian)	\$ 368,000	\$ 294,400	\$ 48,000	\$ -	\$ 320,000	\$ 73,600	Town of Stallings
16	Re-Submit P4.0 Project	Carolina Thread Trail Segment Q4	Byers Rd	Julian Place	Troutman	Construct a 1.5 mile off road multiuse path connecting an existing greenway in downtown Troutman to elementary and middle schools and a commercial area.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 2,357,000	\$ 1,748,000	\$ 285,000	\$ 172,000	\$ 1,900,000	\$ 609,000	Town of Troutman
17	Re-Submit P4.0 Project	Lake Norman State Park Multi-Use Trail, Segment A	Church Street	Lytton Farm Road	Troutman	The proposed 1.07 mile off road multiuse path will be the first segment in an alternative transportation corridor ultimately connecting downtown Troutman to Lake Norman State Park. The first segment proposes connecting the J Hoyt Hayes Troutman Memorial	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 987,000	\$ 631,000	\$ 100,000	\$ 198,000	\$ 689,000	\$ 356,000	Town of Troutman
18	New Project	Greenway and Downtown Development Connections	Multiple	Multiple	Marvin	This project will serve to continue our multi-use loop to connect Marvin Elementary School to multiple neighborhoods and our future village center. It will allow the residents in the area a safe route to the elementary school, the village center, farmers market, and provide a safe exercise venue for walking, running, and biking.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 700,000	\$ 350,000				\$ 350,000	Village of Marvin
19	Re-Submit P4.0 Project	Irwin Creek Greenway - Eastern Extension	Terminus of Irwin Creek Greenway (Ray's Splash Planet)	Hamilton Street (NC Music Factory)	Mecklenburg County	The proposed 0.77 mile extension of this greenway will result in approximately 3 miles of trail connectivity and provide improvements for many new trail users to wish to reach the North Carolina Music Factory, Irwin Creek and Byers Elementary Schools, Ray's Splash Planet, historic Elmwood Cemetery, Greenville Recreation Center and other facilities already on the existing greenway.	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 4,636,800	\$ 3,245,760			\$ 1,715,000	\$ 1,391,040	Mecklenburg County
20	Re-Submit P4.0 Project	Briar Creek Greenway - 2016 TAP Project	Masonic Drive	Monroe Road	Mecklenburg County	Construct a 1.65 mile greenway to connect the neighborhoods of Chantilly and Commonwealth in Charlotte. This proposed greenway would provide access to the 5th St bicycle route, Chantilly Park, Chantilly Montessori School, and several residential neighborhoods. The key feature of this greenway would be the much needed passage under the Independence Freeway (US 74).	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 6,128,070	\$ 4,902,456			\$ 4,135,000	\$ 1,225,614	Mecklenburg County
21	Re-Submit P4.0 Project	Briar and Little Hope Creek Greenway	Manning Drive	Keystone Court	Mecklenburg County	Construct a 1.10 mile greenway that will serve as a cross-access trail for the Little Sugar Creek Greenway, a part of the Cross-Charlotte Trail System. This proposed greenway would connect Selwyn Park, Barclay Downs, Parkdale, and Seneca Woods subdivisions and residential north of Little Hope Creek, to Marion Diehl Regional Park, Pinewood Elementary School, the Cross Charlotte Trail (Little Sugar Creek Greenway).	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$2,715,300	\$ 2,164,646			\$2,715,300	\$ 550,654	Mecklenburg County
22	Re-Submit P4.0 Project	Walker Branch Greenway	SR 1119 (Sledge Road)	Hoover Creek Greenway	Mecklenburg County	Construct new 1.64 mile greenway an connecting an existing developer-built greenway from Sledge Road to the RiverGate Shopping Center then on to Hoover Creek Greenway. It will also connect to a sportsplex and many residential neighborhoods to the largest shopping center	1. Off-Road/Separated Linear Bicycle Facility (Bicycle)	\$ 5,263,788	\$ 3,684,652			\$ 3,194,100	\$ 1,579,136	Mecklenburg County

Count	Submittal Type	Project Name	Description	Transit Agency	STI Tier	Project Type	STI %	Local % ¹	Total Cost ²	Cost to NCDOT	Local Match
1	New Project	Monroe Rd Corridor Shelter Project	Implement new Shelters, Benches and ADA waiting pads and sidewalk connections along the Monroe Rd Corridor.	Charlotte Area Transit System	Division Needs	Facility	20%	80%	\$730,000	\$146,000	\$584,000
2	New Project	Freedom Dr Corridor Shelter Project	Implement new Shelters, Benches and ADA waiting pads and sidewalk connections along the Freedom Dr Corridor.	Charlotte Area Transit System	Division Needs	Facility	20%	80%	\$790,000	\$158,000	\$632,000
3	New Project	Hambright Rd Park and Ride Lot	Construct a new regional CATS Park and Ride and Transfer Facility at Hambright Rd and I-77 to support existing and new express bus routes in the I-77 North Corridor.	Charlotte Area Transit System	Division Needs	Facility	30%	70%	\$8,000,000	\$2,400,000	\$5,600,000
4	New Project	ICATS Paratransit Fleet Expansion	Expand paratransit fleet to meet growing local and regional demand. Purchase 5 new buses per year over three years beginning in 2023.	Iredell County Area Transit System	Division Needs	Demand Response	10%	90%	\$2,500,000	\$250,000	\$2,250,000
5	New Project	ICATS Fixed Route Fleet Expansion	Expand fixed route fleet to meet growing local and regional demand. Purchase 10 new buses over five years. The project would include curb cuts, bus shelters, signage, and other stop amenities.	Iredell County Area Transit System	Division Needs	Mobility	50%	50%	\$5,000,000	\$2,500,000	\$2,500,000
6	New Project	ICATS Intercounty Express Bus Connector Expansion	ICATS will be expanding the intercounty Express Bus Connector, a route that picks up passengers in Statesville, Troutman, and Mooresville and connects them to CATS routes that run from Huntersville to Charlotte for employment purposes. This route will focus on connecting citizens to employment opportunities, shopping, medical and other services in Mecklenburg County. The request is for 3 over-the-road coaches, 5 sets of bus stop shelters, benches, trash cans, and signage.	Iredell County Area Transit System	Regional Impact	Mobility	40%	60%	\$2,500,000	\$1,000,000	\$1,500,000
7	New Project	Mooresville Neighborhood Transit Transfer Center	Construct a 2-5 bay neighborhood transit transfer center in the Town of Mooresville. Facility would include driver comfort station, passenger amenities/shelters and reinforced pavement. This center would act at the transfer point for the ICATS Express routes along with other local services.	Iredell County Area Transit System	Division Needs	Facility	30%	70%	\$2,000,000	\$600,000	\$1,400,000
8	New Project	Statesville Neighborhood Transit Transfer Center	Construct a 2-5 bay neighborhood transit transfer center in the City of Statesville. Facility would include driver comfort station, passenger amenities/shelters and reinforced pavement. This center would act at the transfer point for the ICATS Express routes along with other local services.	Iredell County Area Transit System	Division Needs	Facility	30%	70%	\$2,000,000	\$600,000	\$1,400,000
9	New Project	Mecklenburg Transit Services Fleet Expansion	Expand paratransit fleet to meet growing demand. Purchase 1 new light transit vehicle every 5 years beginning in 2020.	Mecklenburg Transit Services	Division Needs	Demand Response	90%	10%	\$160,000	\$144,000	\$16,000

Notes:

- 1) Local share may be local funds, federal funds or a combination of local and federal funds controlled by the transit agency.
- 2) Total Cost has been escalated to anticipated year of expenditure.

Count	Submittal Type	STI Tier	Project Name	Project Description	Total Project Cost	Other Funds	Cost to NCDOT
1	Re-Submit P4.0 Project	Statewide Mobility	Clanton Road Extension & Norfolk Southern Railroad Grade Separation	Extend Clanton Rd. to Wilkinson Blvd (US 29 & US 74). with a grade separation of the Norfolk southern Railroad; close the Donald Ross Rd. crossing at the Norfolk Southern Railroad (Crossing #716178E)	\$20,400,000	\$860,125	\$19,539,875
2	Re-Submit P4.0 Project	Statewide Mobility	Old Dowd Road (SR 1191) & Norfolk Southern Rail Crossing Improvement	Realign Old Dowd Road and construct a grade separated overpass over the Norfolk Southern Rail Line. (Crossing #716184H)	\$21,000,000	\$1,050,000	\$19,950,000
3	Re-Submit P4.0 Project	Statewide Mobility	North Yard Lead Realignment (formerly known as the Aberdeen-Carolina & Western (AC&W) Railroad Relocation Project)	Relocate AC&W Railroad on new alignment from its current alignment at Sugar Creek Rd. heading southwest to intersect the North Carolina Railroad near Craighead Rd. and construct new track in NCR Corridor to NS Freight Yard near current Amtrak Station.	\$17,900,000	\$0	\$17,900,000
4	New Project	Statewide Mobility	Hoskins Road Grade Separation (CSX)	Construct a grade separation in the vicinity of the Hoskins Road at-grade crossing to facilitate the closure of Hoskins Road (Crossing Number 631426M) and Goff Street (Crossing #631425F).	\$16,000,000	\$0	\$16,000,000
5	New Project	Statewide Mobility	Hovis Road Grade Separation (CSX)	Construct a grade separation at the Hovis Road crossing with the CSX rail line.	\$12,000,000	\$0	\$12,000,000
6	New Project	Statewide Mobility	CSX SF-SG Line Connector	Proposed rail connector track between the CSX SG line (Monroe to Waxhaw) and CSX SF line (Monroe to Charlotte). This proposed track would be located on the west side of town, however the exact alignment has yet to be determined.	\$26,800,000	\$0	\$26,800,000
7	New Project	Statewide Mobility	CSX SE Line - Richardson Creek Siding	Extend existing siding in Monroe to provide run around capability clear of the main track for access to Charlotte	\$15,650,000	\$0	\$15,650,000
8	New Project	Statewide Mobility	CSX SG Line - Waxhaw Siding	Establish 14,000' or better siding to alleviate block crossings. This proposed siding is being developed and are looking at a location somewhere east of Waxhaw in unincorporated Union county.	\$23,500,000	\$0	\$23,500,000
9	New Project	Statewide Mobility	CSX SG Line - Helms Road Grade Separation	Construct a grade separation in the vicinity of the Helms Road at-grade crossing to facilitate the closure of Helms Road (Crossing #638897B).	\$20,000,000	\$0	\$20,000,000
10	New Project	Statewide Mobility	CSX SF Line - Wesley Chapel Stouts Road Grade Separation	Construct grade separation of Wesley Chapel Stouts Road (631 925D) to enhance Stouts Siding usage and close the existing at-grade crossing.	\$10,000,000	\$0	\$10,000,000

Count	Project Type	STI Tier	Airport	Project Name	Project Description	Total Project Cost	Other Funds	Cost to NCDOT
34	Modify P4.0 Project	Division Needs	Statesville Regional Airport (SVH)	RUNWAY 28 EXTENSION TO 8,000' (Phase 1 of 5) Environmental Permitting and Land Acquisition	Project consists of extending the runway from its current length of 7,000' to 8,000' to the east. Project consists of land acquisition, Navaid relocation, East Aviation Drive relocation, runway extension site preparation, and runway extension paving and lighting. Phase 1 is Environmental/Permitting Est. Cost \$1.0 Million; Land Acquisition Est. Cost \$7.2 Million; Design \$2.5 Million.	\$10,700,000	\$1,070,000	\$9,630,000
35	Modify P4.0 Project	Division Needs	Statesville Regional Airport (SVH)	RUNWAY 28 EXTENSION TO 8,000' (Phase 2 of 5) East Aviation Drive Relocation and Utility Relocation	Project consists of extending the runway from its current length of 7,000' to 8,000' to the east. Project consists of land acquisition, Navaid relocation, East Aviation Drive relocation, runway extension site preparation, and runway extension paving and lighting. Phase 2 is East Aviation Drive Relocation Est. Cost \$4.2 Million. and Utility Relocation Est. Cost \$1.5 Million.	\$5,700,000	\$570,000	\$5,130,000
36	Modify P4.0 Project	Division Needs	Statesville Regional Airport (SVH)	RUNWAY 28 EXTENSION TO 8,000' (Phase 3 of 5) Site Preparation Phase A	Project consists of extending the runway from its current length of 7,000' to 8,000' to the east. Project consists of land acquisition, Navaid relocation, East Aviation Drive relocation, runway extension site preparation, and runway extension paving and lighting. Phase 3 is Site Preparation Phase A Est. Cost \$11.5 Million.	\$11,500,000	\$1,150,000	\$10,350,000
37	Modify P4.0 Project	Division Needs	Statesville Regional Airport (SVH)	RUNWAY 28 EXTENSION TO 8,000' (Phase 4 of 5) Site Preparation Phase B	Project consists of extending the runway from its current length of 7,000' to 8,000' to the east. Project consists of land acquisition, Navaid relocation, East Aviation Drive relocation, runway extension site preparation, and runway extension paving and lighting. Phase 4 is Site Preparation Phase B Est. Cost \$11.5 Million.	\$11,500,000	\$1,150,000	\$10,350,000
38	Modify P4.0 Project	Division Needs	Statesville Regional Airport (SVH)	RUNWAY 28 EXTENSION TO 8,000' (Phase 5 of 5) Paving and Lighting	Project consists of extending the runway from its current length of 7,000' to 8,000' to the east. Project consists of land acquisition, Navaid relocation, East Aviation Drive relocation, runway extension site preparation, and runway extension paving and lighting. Phase 5 is Paving and Lighting Est. Cost \$3.7 Million.	\$3,700,000	\$370,000	\$3,330,000
39	Resubmit P4.0 Project	Division Needs	Statesville Regional Airport (SVH)	SOUTH PARALLEL TAXIWAY (WEST SIDE)	construction of a partial parallel taxiway to the south of the existing runway that meets current FAA separation requirements and increases safety by eliminating active runway crossings for departing aircraft and correcting a non-standard condition with the existing taxiway being too close to the existing runway.	\$11,600,000	\$1,160,000	\$10,440,000
40	New Project	Division Needs	Statesville Regional Airport (SVH)	RUNWAY 10 SAFETY AREA IMPROVEMENTS	This project will allow the threshold to Runway 10 to be relocated to maximize the existing runway length and improve the safety of departing and arriving aircraft.	\$6,500,000	\$650,000	\$5,850,000
41	New Project	Division Needs	Statesville Regional Airport (SVH)	TERMINAL RENOVATION	This project consists of the revitalization/renovation of the existing terminal building at the Statesville Regional Airport.	\$1,600,000	\$160,000	\$1,440,000
42	New Project	Division Needs	Statesville Regional Airport (SVH)	WEST AVIATION DEVELOPMENT AREA	This project will create approximately 37 acres for aviation business development consisting of small to large hangars, manufacturing/repair/overhaul (MRO) sites, and other aviation businesses.	\$38,230,200	\$3,823,020	\$34,407,180