

Spot Mobility Program Projects - Funded in FY 2018, FY 2019, and FY 2020

Division	County	TIP	Description of Location	Project Improvement Description	PE Cost	Right of Way, Utilities Cost	Construction Cost	Total Cost Estimate
05	Wake	SM-5705A	SR 1301 (Sunset Lake Road) at SR 1393 (Bass Lake Rd/Hilltop Needmore Road).	Construct left turn lanes on SR 1393.			\$420,000	\$420,000
05	Durham	SM-5705B	US 70 Bus (Hillsborough Road) at US 15-501 SB Ramp.	Widen for an eastbound right turn lane.		\$3,000	\$117,000	\$120,000
05	Wake	SM-5705C	I-495/US 64 at I-540 Westbound.	Widen to eliminate merge on ramp approaching westbound I-540.			\$340,000	\$340,000
05	Wake	SM-5705D	SR 1006 (Old Stage Road) at SR 1010 (Ten Ten Road). (NOTE: Deleted SS-4905ED at 12/7/17 Board, start over with SM-5705D.)	Construct a westbound right turn lane on SR 1010.	\$50,000	\$70,000	\$450,000	\$570,000
05	Wake	SM-5705E	SR 2233 (Smithfield Road) in the vicinity of US 64/US 264.	Construct an additional lane on northbound SR 2233 from south of the US 64/264 Eastbound Ramps to tie into a dual left and shared through left at the US 64/264 Westbound ramps. Provide split signal phasing at the westbound ramps to accommodate the left and through left movements.			\$480,000	\$480,000
05	Wake	SM-5705F	SR 2049 (Forestville Road) at SR 2215 (Buffaloe Road).	Construct a right turn lane on southbound SR 2049 (Forestville Road).	\$71,000	\$62,000	\$342,000	\$475,000
05	Durham	SM-5705G	NC 54 at NC 751.	Restripe NC 751 southbound left turn lane and convert to a through and revise the traffic signal.	\$5,000		\$30,000	\$35,000
05	Wake	SM-5705H	SR 1010 (Ten Ten Road) at SR 2723 (Fanny Brown Road).	Install a traffic signal and construct a westbound left turn lane on SR 1010.	\$45,000	\$25,000	\$340,000	\$410,000
05	Durham	SM-5705I	US 70 Bus (Hillsborough Rd) at US 15/501 SB Ramp	Widen the southbound off ramp for an additional left turn lane with 300 ft. storage.	\$35,000	\$5,000	\$350,000	\$390,000
05	Wake	SM-5705J	SR 1647 (Ebenezer Church Rd) at SR 1837 (Westgate Rd).	Construct an exclusive northbound right turn lane with 300 ft. storage SR 1647.	\$50,000	\$20,000	\$350,000	\$420,000
05	Durham	SM-5705K	US 70 at SR 1906 (Leesville Rd).	Extend the westbound right turn lane storage.	\$60,000	\$30,000	\$395,000	\$485,000
05	Wake	SM-5705L	SR 1010 (Ten-Ten Road) at SR 1379 (Penny Road).	Install a traffic signal.	\$5,000	\$10,000	\$110,000	\$125,000
05	Wake	SM-5705M	NC 54 (Chapel Hill Rd) at SR 3073 (Maynard Rd).	Construct an additional eastbound left turn lane on NC 54.	\$16,000		\$184,000	\$200,000
05	Division 5	SM-5705N	Div. 5 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 5 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$1,200,000	\$1,200,000
06	Cumberland	SM-5706A	SR 1400 (Cliffdale Rd) at SR 1410 (Bunce Rd), City of Fayetteville.	Convert thru lane to thru-left and resurface; Change Signal to Split Side-Street Phasing.	\$10,000	\$2,000	\$118,000	\$130,000
06	Cumberland	SM-5706B	SR 1403 (Reilly Rd) at SR 1400 (Cliffdale Rd), City of Fayetteville.	Widen NB Reilly Road for right turn lane onto EB Cliffdale Rd, and restripe SB Reilly Rd to provide dual right turn lanes onto WB Cliffdale Rd.	\$150,000	\$80,000	\$510,000	\$740,000
06	Cumberland	SM-5706C	SR 1007 (All American Freeway) NB Exit Ramp onto US 401 (Skibo Rd), in the City of Fayetteville.	Change lane configuration to provide dual-right turn lanes and a single left turn lane.	\$2,500	\$2,000	\$20,500	\$25,000
07	Guilford	SM-5707A	US 70 (Burlington Road) at SR 4760 (Golf House Road West), east of Sedalia.	Install a traffic signal.	\$3,000	\$55,000	\$18,000	\$76,000

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07	Alamance	SM-5707B	SR 1007 (Mebane Oaks Rd) @ SR 2126/SR 2128 (Old Hillsborough Rd), south of Mebane.	Construct left-turn lanes on all four approaches, construct right turn lane on southbound SR 1107 approach, install traffic signal.***Mobility project is companion funding to Division High Impact/Low Const funds and developer/City of Mebane funds. Spot Mobility project to provide funds for ROW/Utilities only.***		\$300,000		\$300,000
08	Moore	SM-5708A	US 15-501 at SR 1225/SR 1309 (Morganton Rd).	Construct dual left turn lanes on US 15-501 in both directions.	\$80,000	\$100,000	\$535,000	\$715,000
09	Forsyth	SM-5709A	SR 2691 (Wallburg Road) at Business Park Drive south of Winston-Salem.	Install 2-phase traffic signal.		\$30,000	\$90,000	\$120,000
09	Forsyth	SM-5709B	I-40 EB Exit 203 off ramp at NC 66 in Kernersville.	Install dual left turn lanes. Modify traffic signal as needed.	\$25,000	\$85,000	\$350,000	\$460,000
09	Division 9	SM-5709C	Div. 9 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 9 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$550,000	\$550,000
09	Rowan	SM-5709D	NC 152 at SR 1002 (Old Concord Rd), east of China Grove.	Construct left turn lanes with 150 feet of full width storage on NC 152 approaches to SR 1002.	\$35,000	\$150,000	\$425,000	\$610,000
10	Mecklenburg	SM-5710A	NC 73 (Davidson Concord Road) and SR 2427 (Ramah Church Road) near Huntersville.	Install LTL and RTL on NC 73; Install RTL on SR 2427; Install a traffic signal.			\$50,000	\$50,000
10	Mecklenburg	SM-5710B	(1) SR 1601 (Moore's Chapel Road) at SR 1609 (Rhyne Road), and (2) SR 1601 (Moore's Chapel Road) at I-485 ramps near Charlotte.	(1) Install a roundabout. (2) Install a total of 4 RTLs at the two roundabout ramp locations.			\$740,000	\$740,000
10	Mecklenburg	SM-5710C	I-485 at SR 1004 (Lawyers Road) near Charlotte.	Widen the NB outer loop ramp to have dual right turn lanes. Widen the SB inner loop ramp to have dual left turn lanes. Widen SR 1004 from the SB ramp to the adjacent intersection located east of the NB ramp.	\$25,000	\$75,000	\$400,000	\$500,000
10	Mecklenburg, Union	SM-5710D	US 74 signal system, Pineville signal system, and Matthews signal system. (6/6/18 - JKL agreed to add'l systems as long as Div. stays within budget and lets us know which add'l systems install Centracs.)	Install Centracs.	\$120,000		\$580,000	\$700,000
10	Union	SM-5710F	NC 84 and SR 1162 (Potter Road)/ SR 1377 (Wesley Chapel Rd) in Wesley Chapel.	Install a right turn lane on all 4 approaches to the intersection.	\$50,000	\$125,000	\$575,000	\$750,000
10	Union	SM-5710G	US 74 and NC 200 in Monroe.	Install dual left turn lanes on eastbound US 74 at NC 200.	\$25,000	\$100,000	\$250,000	\$375,000
12	Iredell	SM-5712A	US 21 at SR 1001 (Oswalt Amity Rd.)/SR 1410 (Barkdale Road).	Install traffic signal.		\$5,000	\$35,000	\$40,000
12	Gaston	SM-5712B	SR 2439 (Lowell Bethesda Rd.) at SR 2209 (Cramerton Road).	Construct 150 foot NB right turn lane on SR 2439.	\$80,000	\$180,000	\$490,000	\$750,000
13	Buncombe	SM-5713B	NC 191 (Brevard Road) at NC 146 (Long Shoals Road).	Install a +/-250' left turn lane on NC 191 SB and a 50-100' left turn lane on NC 191 NB at NC 146.	\$50,000	\$280,000	\$420,000	\$750,000

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13	Buncombe	SM-5713C	SR 1477 (Riverside Drive) at SR 1348 (Pearson Bridge Road).	Install actuated traffic signal. NOTE: This is Option 1A in the capacity analysis performed by Congestion Management.	\$7,000	\$1,000	\$174,000	\$182,000
13	Buncombe	SM-5713D	US 25 (Hendersonville Road) at SR 3503 (Overlook Road).	Construct a second left turn lane on SR 3503 EB and construct a right turn lane on US 25 SB.	\$100,000	\$205,000	\$445,000	\$750,000
13	Buncombe	SM-5713E	I-240 EB ramps at US 70-Charlotte St.	Construct an additional right turn lane on the I-240 EB off-ramp and make signal revisions.	\$100,000	\$64,000	\$546,000	\$710,000
SW	Statewide	SM-5715A	Signal retiming to improve safety.	Signal retiming to improve safety.	\$2,495,000			\$2,495,000
SW	Statewide	SM-5715B	School Traffic Analysis - Traffic analysis for new, relocated, and expanding schools.	School Traffic Analysis - Traffic analysis for new, relocated, and expanding schools.	\$300,000			\$300,000
SW	Statewide	SM-5715C	Congestion Network Screening - Reviewing travel time data across network to find problem locations that have correctable conditions within the funding range.	Congestion Network Screening - Reviewing travel time data across network to find problem locations that have correctable conditions within the funding range.	\$500,000			\$500,000
13	Buncombe	U-5971A	US 19-23 (Patton Avenue) at NC 63 (New Leicester Hwy).	Construct an additional auxiliary lane on NC 63 in order to provide triple lefts onto US 19-23 NB with an exclusive right turn lane onto US 19-23 SB. Construct an additional left turn lane on US 19-23 NB onto NC 63.		\$5,000	\$745,000	\$750,000
10	Union	U-6087/ SM-5710E	SR 1346 (Potter Road) and SR 1162 (Wesley Chapel Road) in Wesley Chapel. This project is being set up only as a 20% companion match to allocated STBGDA funds for the location.	Install a roundabout.	\$32,000	\$20,000	\$210,000	\$262,000
							FY 2018 Total:	\$20,000,000

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01	Division 1	SM-5701A	Div. 1 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 1 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$10,000	\$10,000
02	Carteret	SM-5702A	NC 24 between Croatan High School Drive and 200 feet east of Henderson Drive, a length of 900 feet.	Install Dura-curb with flexible bollards to delineate the left turn lanes into Croatan High School Drive westbound on NC 24 and into Henderson Drive in both directions. Install an advance force-off loop for westbound left turns into Croatan High School Drive.	\$10,000		\$115,000	\$125,000
02	Division 2	SM-5702B	Div. 2 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 2 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$10,000	\$10,000

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03	Division 3	SM-5703A	Div. 3 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 3 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$100,000	\$100,000
04	Johnston	SM-5704A	SR 1003 (Buffalo Road) at River Dell Elementary School.	Widen parent drop-off lane to two lanes including a new campus entrance, new sidewalk, and signalization of the intersection of SR 1003 and Neuse Parkway adjacent to the south end of campus with pedestrian heads and high visibility crosswalks.			\$400,000	\$400,000
04	Johnston	SM-5704B	US 70 Business at SR 1553 (Shotwell Road).	Construct a new 600' southbound right turn lane on SR 1553.	\$50,000	\$471,000	\$229,000	\$750,000
04	Edgecombe	SM-5704C	NC 111 (Wilson Street) at Edgecombe County Early College High School at Edgecombe Community College.	Construct an improved Loop Road access to the Edgecombe County Early College High School.			\$150,000	\$150,000
04	Division 4	SM-5704D	Div. 4 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 4 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$100,000	\$100,000
05	Durham	SM-5705AA	SR 1317 (Morreene Rd) at US 15-501 southbound ramp. **Companion funds with High Impact Low Cost.**	Construct a right turn lane on the US 15-501 southbound off ramp.			\$100,000	\$100,000
05	Wake	SM-5705AB	NC 55 at SR 1172 (Old Smithfield Road).	Install a traffic signal at SR 1172 and the u-turn.	\$5,000		\$250,000	\$255,000
05	Durham	SM-5705AC	SR 1800 (Cheek Road) at SR 1825 (Clayton Road).	Install a traffic signal.	\$5,000	\$2,000	\$60,000	\$67,000
05	Wake	SM-5705AD	NC 98 at SR 1922 (Camp Kanata Road). (20% contribution with remaining covered by LAPP funds.)	Construct an eastbound left turn lane on NC 98 and install a traffic signal.	\$30,000	\$5,000	\$210,000	\$245,000
05	Division 5	SM-5705N	Div. 5 School Reimbursement - Additional funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 5 School Reimbursement - Additional funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$2,045,809	\$2,045,809
05	Wake	SM-5705O	SR 1435 (Old Raleigh Road) at Apex Peakway.	Construct a northbound right turn lane on Apex Peakway.	\$85,000	\$110,000	\$340,000	\$535,000
05	Durham	SM-5705P	SR 1632 (Red Mill Road) at I-85 Ramps.	Install traffic signals at both I-85 ramp terminals.	\$10,000		\$100,000	\$110,000
05	Wake	SM-5705Q	SR 1011/5878 (Salem Street) at US 64 WB off ramp.	Install a traffic signal with metal pole mast arms.	\$5,000		\$75,000	\$80,000
05	Wake	SM-5705R	SR 1006 (Old Stage Road) at SR 2711 (Vandora Springs Road).	Construct a northbound right turn lane on SR 1006.	\$130,000	\$40,000	\$445,000	\$615,000
05	Wake	SM-5705S	US 401 at SR 2768 (Judd Parkway).	Widen westbound SR 2768 (Judd Parkway) for a left turn lane.	\$70,000	\$20,000	\$435,000	\$525,000
05	Wake	SM-5705U	NC 50 at SR 2711 (Buffaloe Road).	Install a traffic signal.	\$5,000		\$75,000	\$80,000
05	Wake	SM-5705V	US 64 Bus (Knightdale Rd) at SR 2516 (Hodge Rd).	Widen SR 2516 (Hodge Rd) for an exclusive right turn lane.	\$38,000	\$105,000	\$262,000	\$405,000

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05	Wake	SM-5705W	SR 1101 (Piney Grove-Wilbon Road) at SR 1110 (Wilbon Road).	Install a traffic signal.	\$5,000	\$11,000	\$50,000	\$66,000
05	Durham	SM-5705X	SR 1317 (Morreene Rd) at US 15-501 northbound ramp.	Construct a nothbound right turn lane on Morreene Rd and a right turn lane on the US 15-501 northbound off ramp.	\$90,000	\$30,000	\$550,000	\$670,000
05	Wake	SM-5705Y	SR 2036 (New Hope Rd) at SR 2286 (Skycrest Rd).	Construct a westbound right turn lane on SR 2286 (Skycrest Rd).	\$35,000	\$45,000	\$250,000	\$330,000
05	Franklin	SM-5705Z	US 1A at NC 96/SR 1147 (Holden Rd).	Construct left turn lanes on Main St., College Rd.	\$120,000	\$65,000	\$515,000	\$700,000
06	Harnett	SM-5706D	NC 24 at NC 27.	Construct a traffic signal.	\$13,000	\$2,000	\$120,000	\$135,000
06	Cumberland	SM-5706E	SR 1600 (McArthur Road) at Walker Street/Lake Stone Place.	Provide Left Turn Lanes for both approaches on McArthur Rd and Signalize the intersection.	\$50,000	\$75,000	\$575,000	\$700,000
06	Division 6	SM-5706F	Div. 6 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 6 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$100,000	\$100,000
07	Rockingham	SM-5707C	SR 2670 (Scales Street) at SR 2687 (Harrison Street) in Reidsville.	Add FYA Protected-Permissive Left turn phase to SR 2670 approaches. Install FYA (Permissive only to FYA Permissive) on SR 2687 approaches. Use bi-modal heads to minimize utility relocation.	\$5,000	\$115,000	\$80,000	\$200,000
07	Division 7	SM-5707E	Div. 7 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 7 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$200,000	\$200,000
07	Rockingham	SM-5707F	Lincoln Elementary School Improvements - Rural school located on SR 1914 (Oregon Hill Road) 1.2 miles south of NC 700, north of Reidsville.	Construct on-campus operational improvements at Lincoln Elementary School in lieu of improvements to SR 1914, as outlined in MSTa Traffic Operations Study SCH-F-2018-028.	\$25,000		\$305,000	\$330,000
08	Division 8	SM-5708B	Div. 8 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 8 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$530,000	\$530,000
08	Moore	SM-5708C	US 15-501 at Memorial Drive/Pinehurst Trace Dr. ***This project is to be paired with file # 08-18-53882.***	Construct a southbound right turn lane on US 15-501 and an exclusive eastbound right turn lane on Memorial Drive and revise the traffic signal.	\$33,000	\$60,000	\$391,000	\$484,000
08	Moore	SM-5708D	US 15-501 at SR 1208 (Page Road). ***This project is to be paired with file # 08-18-53881.***	Realign SR 1208 (Page Rd) approach to US 15-501. Construct exclusive left and right turn lanes on Page Rd and a southbound right turn lane and northbound left turn lane on US 15-501. Install a wood pole traffic signal.	\$67,000	\$100,000	\$583,000	\$750,000
09	Forsyth	SM-5709E	SR 3210 (Transou Road) at SR 1525 (Yadkinville Road) in Winston-Salem.	Construct a right turn lane with 200 feet of storage on SR 3210 at SR 1525. Modify traffic signal to provide right-turn overlap on SR 3210 approach and FYA's on SR 1525 approaches.	\$30,000	\$75,000	\$245,000	\$350,000

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09	Rowan	SM-5709F	SR 1351 (N Enochville Avenue/S Enochville Avenue) at SR 1124 (West C St), west of Kannapolis.	Install a traffic signal. Intersection does not have left turn lanes but experiences delay on southbound and westbound approaches. Traffic signal design should provide a delayed call exclusive left turn phase for the southbound SR 1351 approach. Signal heads to be supported by one dual mast arm galvanized metal pole.	\$10,000	\$40,000	\$100,000	\$150,000
10	Mecklenburg	SM-5710H	SR 5544 (W. Catawba Avenue) from SR 1251 (Jetton Road) to US 21 (Statesville Road) in Cornelius.	Install Cornelius Adaptive Signal System to be combined with SM-5715A per discussions with JKL.			\$161,000	\$161,000
10	Anson	SM-5710I	(Rural School) Peachland Polkton Elementary School on US 74 near Polkton near Peachland.	Improve the internal queuing capacity to allow all school traffic to be contained within the school property and not queued up on US 74.	\$25,000	\$10,000	\$184,000	\$219,000
10	Mecklenburg	SM-5710J	I-485 eastbound off ramp/ SR 6036 (Robert Helms Rd) and Benefield Road in Charlotte.	Add a through lane to the eastbound off-ramp so that there would be a eastbound left turnbay, a through lane, and a right turn slip lane along the approach.	\$35,000	\$15,000	\$250,000	\$300,000
10	Division 10	SM-5710K	Div. 10 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 10 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$500,000	\$500,000
11	Division 11	SM-5711A	Div. 11 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 11 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$10,000	\$10,000
12	Iredell	SM-5712C	NC 3 (Coddle Creek Highway) and SR 1142 (Johnson Dairy Road).	Signalize intersection with 250' northbound left turn lane with Flashing Yellow Arrow. [Companion to 12-18-215 - set up 1 number under Mobility project.]	\$65,000	\$205,000	\$450,000	\$720,000
12	Gaston	SM-5712D	NC 279 between MP 10.846 (100' north of Burtonwood Dr.) and MP 10.941 (100' south of US 29/74).	Reassign a portion of the southbound left turn near US 29/74 to a north bound dual left turn lane on to US 29/74 west bound by removing median, restrip lanes and revise signal.	\$25,000		\$150,000	\$175,000
12	Lincoln	SM-5712E	NC 73 and NC 16 Business.	Maintain 8 phase signal. Remove free flow right movement from southbound NC 16 Business to create a channelized yielding right condition. Alter right turn lane on westbound NC 73 to become a through-right lane, therefore providing two through lanes.	\$60,000		\$150,000	\$210,000

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12	Gaston	SM-5712F	US 29 -74 (E Franklin Boulevard) and SR 2200 (Cox Road/Armstrong Park Road).	Improved Geometry: Convert split side street signal to 8 phase with protected lefts on all approaches. Relocate stop bar and median further back on eastbound E. Franklin Blvd. in order to run side street protected lefts consecutively (allows phase 3+7).	\$8,000	\$2,000	\$75,000	\$85,000
12	Division 12	SM-5712G	Div. 12 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 12 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$300,000	\$300,000
13	Buncombe	SM-5713F	NC 251 at SR 1002 (Old Leicester Hwy).	Install actuated traffic signal.	\$10,000	\$5,000	\$125,000	\$140,000
13	Buncombe	SM-5713G	I-40 Eastbound off-ramp/SR 2834 at US 74 A (Exit 53A).	Construct a right turn lane on the ramp and a right turn acceleration lane on US 74A.	\$1,000	\$1,000	\$748,000	\$750,000
13	Division 13	SM-5713H	Div. 13 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 13 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$500,000	\$500,000
14	Division 14	SM-5714A	Div. 14 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 14 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$10,000	\$10,000
							FY 2019 Total:	\$16,482,809

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02	Jones	SM-5702C	NC 58 at Jones County K-12 School across from SR 1325 (Curtis Road).	Widen NC 58 to provide a left turn lane into the school facilities.	\$5,000		\$155,000	\$160,000
04	Johnston	SM-5704E	US 70 Business at Town Centre Boulevard.	Dynamic left turn intersection.	\$10,000	\$0	\$40,000	\$50,000
04	Wayne	SM-5704F	NC 111 at Northeast Elementary School.	Construct a double stacking loop from the current school entrance to provide approximately 1,450 feet of additional queue storage. Construct a single lane exit from the front parking lot to the existing school exit and remove the current parking lot exit in the drop-off/pick-up area.	\$10,000		\$98,000	\$108,000
04	Johnston	SM-5704G	SR 1010 (Cleveland Road) at Polenta Elementary School.	Construct a new exit from the parent loading bays to SR 1010, allowing the existing exit to be utilized for queue stacking inbound.	\$10,000	\$3,000	\$100,000	\$113,000
04	Wayne	SM-5704H	SR 1235 (Charlie Braswell Road) at Rosewood Elementary School.	Construct a double stacking loop from the current school entrance to provide approximately 1,700 feet of additional queue storage. Construct a single lane exit from the drop-off/pick-up area to the existing school bus driveway to separate entering and exiting passenger vehicles.	\$39,000		\$464,000	\$503,000

Spot Mobility Program Projects - Funded in FY 2018, FY 2019, and FY 2020

Division	County	TIP	Description of Location	Project Improvement Description	PE Cost	Right of Way, Utilities Cost	Construction Cost	Total Cost Estimate
04	Wayne	SM-5704I	NC 111 at SR 1744 (Indian Springs Road).	Install a traffic signal. Widen the east leg of SR 1744 and add a concrete monolithic island.	\$15,000		\$133,000	\$148,000
05	Wake	SM-5705AE	SR 1009 (Tryon Rd) at SR 3977 (Cary Pkwy).	Dynamic left turn intersection.	\$5,000	\$10,000	\$40,000	\$55,000
05	Wake	SM-5705AF	SR 1319 (Jones Franklin Road) at SR 1349 (Dillard Drive).	Construct an exclusive right turn lane on SR 1349.	\$130,000	\$70,000	\$450,000	\$650,000
05	Wake	SM-5705AG	NC 98 at SR 1005 (Six Forks Road/New Light Road).	Construct an eastbound right turn lane on NC 98 and a northbound right turn lane on SR 1005.	\$80,000	\$40,000	\$580,000	\$700,000
05	Durham	SM-5705AH	NC 98 at SR 1815 (Mineral Springs Road).	Construct right turn lanes on both approaches of SR 1815 (Mineral Springs Road).	\$90,000	\$85,000	\$560,000	\$735,000
05	Wake	SM-5705AI	NC 98 at SR 1908 (Ghoston Road).	Install a traffic signal and modify pavement markings to provide a left turn lane.	\$15,000	\$10,000	\$120,000	\$145,000
05	Wake	SM-5705AJ	SR 1007 (Poole Road) at SR 2233 (Smithfield Road).	Construct left turn lanes on Smithfield Rd.	\$90,000	\$55,000	\$605,000	\$750,000
05	Wake	SM-5705AK	SR 1319 (Jones Franklin Road) at Centerview Drive (Southern intersection).	Install a traffic signal with metal strain poles and connect to the Raleigh signal system.	\$6,000	\$2,000	\$135,000	\$143,000
05	Wake	SM-5705AL	NC 42 at SR 1101 (Piney Grove Wilbon Road). **Pair with W Project 05-19-59376-1 **.	Install a roundabout.			\$750,000	\$750,000
05	Wake	SM-5705AM	US 401 (Louisburg Road) at Fox Road; SR 2041 (Spring Forest Road) at SR 2042 (Fox Road); SR 2042 (Fox Road) at Sumner Blvd/Malone Court; SR 1829 (Strickland Road) at Old Leesville Road; and SR 1009 (Lake Wheeler Road) at Sierra Drive.	Add APS to 5 signalized intersections in Wake County.	\$15,000		\$120,000	\$135,000
05	Division 5	SM-5705N	Div. 5 School Reimbursement - Additional funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 5 School Reimbursement - Additional funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$894,690	\$894,690
06	Cumberland	SM-5706G	NC 210 (Lillington Highway) at SR 1600 (McCormick Bridge Road).	Signal Installation; four-section flashing yellow arrow (FYA) on both approaches of NC 210; exclusive right turn lane with thru-left on SR 1600.	\$35,000	\$50,000	\$415,000	\$500,000
06	Harnett	SM-5706H	NC 55 (Raleigh Street) at NC 210 (Depot Street); Town of Angier.	Construct signalized pedestrian crossings at existing signalized intersection (Signal Inventory Number 06-0207).	\$1,000		\$9,000	\$10,000
06	Harnett	SM-5706I	NC 210 (Depot Street) at Broad Street; Town of Angier.	Construct signalized pedestrian crossings at existing signalized intersection (Signal Inventory Number 06-0119).	\$1,000		\$9,000	\$10,000
07	Guilford	SM-5707G	SR 2526 (Summit Avenue) at SR 2565 (Hicone Road), in Greensboro.	Construct left turn lanes on both SR 2526 approaches at SR 2565. Construct right turn lane on westbound SR 2565 approach utilizing minor realignment to reduce skew angle and minimize turning truck traffic encroaching into adjacent lanes. Construction to be by State forces.	\$100,000	\$225,000	\$385,000	\$710,000

Spot Mobility Program Projects - Funded in FY 2018, FY 2019, and FY 2020

Division	County	TIP	Description of Location	Project Improvement Description	PE Cost	Right of Way, Utilities Cost	Construction Cost	Total Cost Estimate
07	Orange	SM-5707H	SR 1107 (Hillsborough Road). SR 1104 (Dairyland Road).	Fabrication and installation of "To Pass Bicycles, 4 ft Min Clearance or Change Lane" signs on portions of no passing zones. Two to three no passing zones for each road will be chosen to place a set of signs at each location for a total maximum of 12 signs.			\$5,000	\$5,000
07	Guilford	SM-5707I	NC 61 at I-85 NB/I-40 EB ramps, south of Whitsett.	Install traffic signal.	\$5,000	\$5,000	\$100,000	\$110,000
07	Guilford	SM-5707J	Northern Guilford High School main entrance (7101 Spencer Dixon Rd) on SR 2329 (Spencer Dixon Road) approximately 2400 feet south of NC 150, north of Greensboro.	Install pavement markings and signs as needed on the main school driveway to provide additional queue storage on campus and prevent congestion on SR 2329. Clear vegetation from northern driveway sight triangle. Project is an interim treatment while MSTa traffic operations study SCH-F-2019-072 is underway.			\$7,000	\$7,000
09	Rowan	SM-5709G	US 29 at NC 152 (E Church Street)/SR 1337 (Lentz Road) in China Grove.	Construct left turn lane with 300 feet of storage on NC 152 side street.	\$35,000	\$75,000	\$290,000	\$400,000
10	Union	SM-5710E	SR 1346 (Potter Road) and SR 1162 (Wesley Chapel Road) in Wesley Chapel. (Additional funds.)	Install a roundabout.	\$5,000	\$134,000		\$139,000
10	Union	SM-5710G	US 74 and NC 200 in Monroe. (Additional funds.)	Install dual left turn lanes on eastbound US 74 at NC 200.	\$20,000	\$50,000	\$200,000	\$270,000
10	Mecklenburg	SM-5710J	I-485 eastbound off ramp/ SR 6036 (Robert Helms Rd) and Benefield Road in Charlotte. (Additional funds.)	Add a through lane to the eastbound off-ramp so that there would be a eastbound left turnbay, a through lane, and a right turn slip lane along the approach.			\$245,000	\$245,000
10	Division 10	SM-5710K	Div. 10 School Reimbursement - Additional funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 10 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$1,000,000	\$1,000,000
10	Mecklenburg	SM-5710L	Lebanon Elementary School on SR 3135 (Lebanon Road) in Mint Hill.	Reconfigure the parent car rider line, the teacher parking, and implement double stacking and a two-way entrance/exit all within the existing pavement.	\$3,000		\$17,000	\$20,000
10	Stanly	SM-5710M	Richfield Elementary School in Richfield.	Construct a road onsite to hold the parent traffic in a double queue. This will remove the parent queues from the adjacent neighborhood streets and keep them from blocking residents.	\$10,000	\$5,000	\$245,000	\$260,000
10	Union	SM-5710N	SR 1004 (Lawyers Rd) and SR 1514 (Rocky River Road) near Indian Trail. This project companions with 10-19-202-1 (HSIP funds).	Install a roundabout.			\$750,000	\$750,000
10	Union	SM-5710P	Wesley Chapel Elementary School at the intesection of NC 84 (Weddington Road) and SR 1162 (Potter Road) in Wesley Chapel.	Improve the internal queuing for parent traffic by constructing a roadway from Chambwood Road.	\$10,000		\$190,500	\$200,500

Spot Mobility Program Projects - Funded in FY 2018, FY 2019, and FY 2020

Division	County	TIP	Description of Location	Project Improvement Description	PE Cost	Right of Way, Utilities Cost	Construction Cost	Total Cost Estimate
12	Alexander	SM-5712H	Bethlehem Elementary School at NC 127 and SR 1146 (Bethlehem School Road).	Construct on-campus operational improvements and improvements to NC 127 and SR 1146 in lieu of more extensive improvements to NC 127 and SR 1146, as out lined in MSTa Traffic Operation Study SCH-F-2018-011 eliminating the need for STIP U-6040.	\$42,000	\$145,000	\$235,000	\$422,000
12	Alexander	SM-5712I	West Alexander Middle School on SR 1144 (Icard Ridge Road) at SR 1853 (Bulldog Lane).	Construct on-campus operational improvements in lieu of more extensive improvements to SR 1144, by add additional loop to the end of SR 1853 to increase storage of pick-up line in lieu of right & left turn lanes on SR 1144.	\$5,000	\$1,000	\$44,000	\$50,000
12	Alexander	SM-5712J	East Alexander Middle School on SR 1422 (White Plains Road) at Bulldog Lane.	Construct on-campus operational improvements in lieu of more extensive improvements to SR 1422, by add additional in bound lane to pick-up area in lieu of right and left turn lanes on SR 1422.	\$3,000	\$1,000	\$86,000	\$90,000
12	Iredell	SM-5712K	Cornerstone Christian Academy is located on SR 2414 (Scotts Road).	Construct on-campus operational improvements in lieu of more extensive improvements to SR 2414, by add additional loop on the school property to increase storage of pick-up line in lieu of right & left turn lanes on SR 2414.	\$4,000	\$1,000	\$55,000	\$60,000
12	Catawba	SM-5712L	Jenkins Elementary NC 127 (N. Center St.) at 38th Ave NW/Jenkins Elementary Road.	Construct on-campus operational improvements and improvements to Signal #12-1093 in lieu of more extensive improvements to NC 127, by add additional in bound lane to pick-up area in lieu of right turn lane.	\$5,000	\$17,000	\$88,000	\$110,000
13	Division 13	SM-5713H	Div. 13 School Reimbursement - Additional funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**	Div. 13 School Reimbursement - Funds to provide reimbursements for road improvements adjacent to schools per 136-18(29a). **For tracking purposes, schools approved for reimbursement will submit an invoice to be paid.**			\$1,000,000	\$1,000,000
13	Buncombe	SM-5713I	US 25 (Hendersonville Rd.) at NC 146 (Long Shoals Rd.)/SR 3181 (Miller Rd.), in Asheville.	Extend southbound US 25 right turn lane to 325' of full storage.	\$100,000	\$275,000	\$344,000	\$719,000
13	Rutherford	SM-5713J	SR 1576-East High Road at East Rutherford High School.	Widen, resurface, and restripe the internal drive and revise the internal flow of traffic, which will increase the internal capacity by approximately 1,300'.	\$15,000		\$125,000	\$140,000
14	Polk	SM-5714B	NC 9 at Polk Central Elementary School, near Mill Spring.	Convert the existing driveway into a two-lane entrance (adding ±450' of internal storage) and construct a separate new egress driveway approximately 250' to the north.	\$15,000		\$285,000	\$300,000
							FY 2020 Total:	\$13,567,190