

CAMPO Prioritization 8 Rail Recommended Projects

| SPOT ID | Project Category | Route / Facility / Project Name | From / Cross Street / Location | To / Cross Street | Description | Specific Improvement Type | Funding Region(s) | Division(s) | MPO(s) / RPO(s) | County(ies) | Cost to NCDOT |
|---------|--------------------|-----------------------------------|--|-------------------|---|---|-------------------|-------------|--|---|------------------|
| R150052 | Statewide Mobility | NCRR/CSX S Line & NCRR/NS NC Line | SR 1342 (Powell Dr) in Raleigh | N/A | Construction of grade separation on realigned SR 1342 (Powell Drive) to SR 1658 (Youth Center Drive) and closure of existing Powell Drive at-grade crossing (Crossing # 630 650U) in Raleigh. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 51,800,000.00 |
| R231454 | Statewide Mobility | CSX S Line | S Line from MP 100.1 to MP 154.6 in Wake, Franklin, Vance, and Warren Counties | N/A | Replacement of legacy signal crossing controllers (PMD-1s, 2s, & 3s) on the Norlina Sub from Henderson (S-111.08) to Cary (S 168.45) as well as two locations in Marston (S 242.14 & S 245.88) by upgrading to the most current PMD units at a total of 36 locations. | 7 - Corridor modernization (line) | C, E | 05, 08 | Capital Area MPO, Kerr-Tar RPO, Lumber River RPO | Wake, Vance, Franklin, Warren, Richmond | \$ 1,438,000.00 |
| R150271 | Statewide Mobility | NCRR/CSX S Line & NCRR/NS NC Line | Corporate Center Dr in Raleigh | N/A | Construction of grade separation on Corporate Center Drive extension and closure of SR 1657 (Nowell Road) existing at-grade crossing (Crossing #630 654W) in Raleigh. Closure dependent on funding of either Edwards Mill Road or Corporate Center Drive. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 47,400,000.00 |
| R150270 | Statewide Mobility | NCRR/CSX S Line & NCRR/NS NC Line | SR 3009 (Edwards Mill Rd) in Raleigh | N/A | Construction of grade separation on SR 3009 (Edwards Mill Road) extension and closure of SR 1657 (Nowell Road) existing at-grade crossing (Crossing # 630 654W) in Raleigh. Closure dependent on funding of either Edwards Mill Road or Corporate Center Drive. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 61,900,000.00 |
| R141698 | Statewide Mobility | NCRR/CSX S Line & NCRR/NS NC Line | South West St in downtown Raleigh | N/A | Construction of grade separation on South West Street in Raleigh NC. Project also includes closure of the existing at-grade crossing at West Cabarrus Street (Crossing #735 488A). | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 33,050,000.00 |
| R171514 | Statewide Mobility | NCRR/NS NC Line | SR 2562 (New Rand Rd), Garner | N/A | Construction of grade separation at SR 2562 (New Rand Road) and closure of existing at-grade crossing (Crossing #735 328L) in Garner. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 37,250,000.00 |
| R171518 | Statewide Mobility | NCRR/NS NC Line | SR 1553 (Shotwell Road), Clayton | N/A | Construction of grade separation of SR 1553 (Shotwell Road) and closure of existing at-grade crossing (Crossing # 735 394Y) in Clayton. | 3 - Highway-rail crossing improvement (point) | A | 04 | Capital Area MPO | Johnston | \$ 26,100,000.00 |
| R171513 | Statewide Mobility | NCRR/NS NC Line | SR 2713 (Vandora Springs Rd), Garner | N/A | Construction of grade separation at SR 2713 (Vandora Springs Road) and closure of existing at-grade crossing (Crossing # 735 324J) in Garner. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 34,700,000.00 |

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| R171528 | Statewide Mobility | CSX S Line | SR 1415 (SW Maynard Rd) in Cary | N/A | Construction of grade separation of SR 1415 (SW Maynard Road) and closure of existing at-grade crossing (Crossing # 643 400U) in Cary. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 42,000,000.00 |
| R192787 | Statewide Mobility | CSX A Line | SR 1330 (Raleigh Road) northeast of Benson, NC | N/A | Construction of grade separation at SR 1330 (Raleigh Road) and closure of existing at-grade crossing (Crossing # 629 730R) in Johnston County | 3 - Highway-rail crossing improvement (point) | A | 04 | Capital Area MPO | Johnston | \$ 15,100,000.00 |
| R171515 | Statewide Mobility | NCRR/NS NC Line | SR 5220 (Jones Sausage Rd), Garner | N/A | Construction of grade separation at SR 5220 (Jones Sausage Road) and closure of existing at-grade crossing (735 331U) in Garner. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 42,750,000.00 |
| R171511 | Statewide Mobility | NCRR/NS NC Line | SR 2683 (Rush St), Raleigh | N/A | Construction of grade separation of SR-2683 (Rush Street) and closure of existing at-grade crossing (Crossing # 735 480V) in Raleigh. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 33,350,000.00 |
| R171529 | Statewide Mobility | CSX S Line | SR 3977 (SW Cary Pkwy) in Cary | N/A | Construction of grade separation of SR 3977 (SW Cary Parkway) and closure of existing at-grade crossing (Crossing # 643 702W) in Cary. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 61,600,000.00 |
| R171520 | Statewide Mobility | NCRR/NS NC Line | SR 1901 (Powhatan Road) east of Clayton | N/A | Construction of grade separation at SR 1901 (Powhatan Road) and closure of existing at-grade crossing (Crossing # 735 410F) in Clayton. | 3 - Highway-rail crossing improvement (point) | A | 04 | Capital Area MPO | Johnston | \$ 22,200,000.00 |
| R171526 | Statewide Mobility | CSX S Line | Old Apex Rd in Cary | N/A | Construction of grade separation of Old Apex Road and closure of existing at-grade crossing (Crossing # 630 669L) in Cary. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 33,050,000.00 |
| R231575 | Statewide Mobility | NCRR/CSX S Line & NCRR/NS NC Line | West Cabarrus in downtown Raleigh | N/A | Construction of bicycle & pedestrian grade separation on West Cabarrus St in Raleigh NC. Project also includes closure of the existing at-grade crossing at West Cabarrus Street (Crossing #735 488A). | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 8,000,000.00 |
| R171516 | Statewide Mobility | NCRR/NS NC Line | SR 2555 (Auburn-Knightdale Rd) east of Garner | N/A | Construction of grade separation of SR 2555 (Auburn-Knightdale Road) and closure of existing at-grade crossing (Crossing #735 336D) near Garner. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 27,950,000.00 |
| R171531 | Statewide Mobility | CSX S Line | SR 1308 (Laura Duncan Rd) in Cary | N/A | Construction of grade separation of SR 1308 (Laura Duncan Road) and closure of existing at-grade crossing (Crossing # 630 689X) in Apex. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 42,800,000.00 |
| R171527 | Statewide Mobility | CSX S Line | High House Rd in Cary | N/A | Construction of grade separation of High House Road and closure of existing at-grade crossing (Crossing # 643 399C) in Cary. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 53,200,000.00 |
| R171517 | Statewide Mobility | NCRR/NS NC Line | SR 2558 (Guy Rd) east of Garner | N/A | Construction of grade separation of SR 2558 (Guy Road) and closure of existing at-grade crossing (Crossing # 735 390W) in Garner. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 27,950,000.00 |

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| R150048 | Statewide Mobility | CSX S Line | SR 2044 (Ligon Mill Rd) in Wake Forest | N/A | Construction of grade separation at SR 2044 (Ligon Mill Road) and closure of existing at-grade crossing (Crossing # 630 598S) in Wake Forest. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 24,350,000.00 |
| R192792 | Statewide Mobility | CSX S Line | East Whitaker Mill Rd east of Wake Forest Rd in Raleigh, NC | N/A | Construction of grade separation East Whitaker Mill Rd and closure of existing at-grade crossing (Crossing # 630 613S) in Raleigh | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 38,800,000.00 |
| R171490 | Statewide Mobility | CSX S Line | MP 180 to MP 182 near New Hill, NC | N/A | Construction of new automated switching facility from MP 180 to MP 182 near New Hill area to relocate existing manual switching facility from downtown Apex. | 2 - Freight rail facility improvement or construction (point) | E | 08 | Capital Area MPO | Wake | \$ 12,138,000.00 |
| R171525 | Statewide Mobility | CSX S Line | North Dixon Ave in Cary | N/A | Construction of grade separation of N. Dixon Avenue and closure of existing at-grade crossing (Crossing # 630 668E) in Cary. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 22,850,000.00 |
| R171522 | Statewide Mobility | CSX S Line | Elm Ave in Wake Forest | N/A | Construction of bicycle & pedestrian grade separation of Elm Avenue and closure of the existing at-grade crossing (Crossing #630 589T) in Wake Forest. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 3,750,000.00 |
| R192790 | Statewide Mobility | CSX A Line | SR 1166 (Parkertown Rd) northeast of Benson, NC | N/A | Construction of grade separation at SR 1166 (Parkertown Rd) and closure of existing at-grade crossing (Crossing # 629 727H) in Johnston County | 3 - Highway-rail crossing improvement (point) | A | 04 | Capital Area MPO | Johnston | \$ 16,100,000.00 |
| R171523 | Statewide Mobility | CSX S Line | SR 1133 (Bert Winston Rd) north of Youngsville | N/A | Construction of grade separation of SR 1133 (Bert Winston Road) and closure of existing at-grade crossing (Crossing #630 527V) north of Youngsville. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Franklin | \$ 36,150,000.00 |
| R192788 | Statewide Mobility | CSX A Line | SR 1354 (Camelia Rd) northeast of Benson, NC | N/A | Construction of grade separation at SR 1354 (Camelia Rd) and closure of existing at-grade crossing (Crossing # 629 729W) in Johnston County | 3 - Highway-rail crossing improvement (point) | A | 04 | Capital Area MPO | Johnston | \$ 16,100,000.00 |
| R192789 | Statewide Mobility | CSX A Line | SR 1353 (Olivers Grove Rd) northeast of Benson, NC | N/A | Construction of grade separation at SR 1353 (Olivers Grove Rd) and closure of existing at-grade crossing (Crossing# 629 728P) in Johnston County | 3 - Highway-rail crossing improvement (point) | A | 04 | Capital Area MPO | Johnston | \$ 16,100,000.00 |
| R171486 | Statewide Mobility | CSX SDS Line | SR 3124 (Morrisville Pkwy), Cary | N/A | Construction of grade separation of SR 3124 (Morrisville Parkway) and closure of existing at-grade crossing (Crossing # 926 247P) in Cary. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 63,350,000.00 |
| R141700 | Statewide Mobility | CSX S Line | SR 1931 (Harris Rd) in Wake Forest | N/A | Construction of grade separation on extension of SR 1931 (Harris Road) to Flathery Avenue in Wake Forest. Project also includes closure of existing at-grade crossing of Brick Street (Crossing # 630 582V). | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 30,150,000.00 |

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| R150269 | Statewide Mobility | NCRR/NS NC Line, CSX S Line | SR 1319 (Jones Franklin Rd) in Raleigh | N/A | Construction of grade separation on Jones Franklin Road extension in Raleigh. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 49,500,000.00 |
| R171524 | Statewide Mobility | CSX S Line | SR 1267 (Eric Medlin Rd) near Franklinton | N/A | Construction of grade separation of SR 1267 (Eric Medlin Road) and closure of existing at-grade crossing (Crossing #630 517P) near Franklinton. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Franklin | \$ 31,800,000.00 |
| R150890 | Statewide Mobility | NCRR/NS NC Line | MP 66.9 (CP Clegg) to MP 73.1 (CP Fetner) in Morrisville and Cary. | N/A | Construction of second main track between Control Point Clegg (MP 66.9) and Control Point Fetner (MP 73.1) in Morrisville and Cary. | 1 - Freight rail corridor improvement or construction (line) | C | 05 | Capital Area MPO | Wake | \$ 22,397,500.00 |
| R151020 | Statewide Mobility | NCRR/CSX S Line & NCRR/NS NC Line | NCRR/NS NC Line near NC State Fairgrounds in Raleigh | N/A | Construction of a universal crossover near MP NC 77 in Raleigh. Location dependent upon Powell Dr and Blue Ridge Rd constraints. | 2 - Freight rail facility improvement or construction (point) | C | 05 | Capital Area MPO | Wake | \$ 6,000,000.00 |
| R150893 | Statewide Mobility | NCRR/NS NC Line | MP 94.0 (CP Wake) to MP 100.0 (CP Powhatan) near Clayton. | N/A | Construction of second main track between Control Point Wake (MP 94.0) and Control Point Pawhatan (MP 100.0) near Clayton. | 1 - Freight rail corridor improvement or construction (line) | A | 04 | Capital Area MPO | Johnston | \$ 39,737,500.00 |
| R150892 | Statewide Mobility | NCRR/NS NC Line | MP 85.4 (CP Bagwell) to MP 90.4 (CP Auburn) in Garner. | N/A | Construction of second main track between Control Point Bagwell (MP 85.4) and Control Point Auburn (MP 90.4) in Garner. | 1 - Freight rail corridor improvement or construction (line) | C | 05 | Capital Area MPO | Wake | \$ 44,939,500.00 |
| R171495 | Statewide Mobility | CSX S Line | MP 171.21 to MP 172.14, south of downtown Apex, NC | N/A | Construction of additional track south of downtown Apex from MP 171.21 to MP 172.14. | 1 - Freight rail corridor improvement or construction (line) | C | 05 | Capital Area MPO | Wake | \$ 9,537,000.00 |
| R192793 | Regional Impact | CSX S Line | Raleigh to Franklinton | N/A | Upgrade existing corridor and extend intercity passenger service from Raleigh to Franklinton with two trains each direction daily on the CSX S Line. This project is contingent upon the awarding of an 80/20 federal grant and if the grant is not awarded, then the project is void. | 5 - Passenger rail service (line) | C | 05 | Capital Area MPO | Wake, Franklin | \$ 67,274,000.00 |
| R192794 | Regional Impact | CSX S Line | Sanford to Franklinton | N/A | Upgrade existing corridor and create new intercity passenger service along CSX S Line from Sanford to Franklinton, NC with two trains each direction daily. This project is contingent upon the awarding of an 80/20 federal grant and if the grant is not awarded, then the project is void. | 5 - Passenger rail service (line) | C, E | 05, 08 | Capital Area MPO, Central Pines RPO | Wake, Lee, Franklin, Chatham | \$ 102,800,000.00 |
| R150891 | Statewide Mobility | NCRR/NS NC Line | MP 81.0 (CP Boylan Ave) to MP 84.2 (CP S Raleigh) in Raleigh. | N/A | Construction of second main track between Control Point Boylan (MP 81.0) and Control Point S. Raleigh (MP 84.2) in Raleigh. | 1 - Freight rail corridor improvement or construction (line) | C | 05 | Capital Area MPO | Wake | \$ 70,805,000.00 |

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| R231539 | Regional Impact | CSX S Line | Hargett St, SR 2977 (SW Cary Pkwy), SR 1308 (Laura Duncan Rd), SR 1415 (SW Maynard Rd) in Wake County | N/A | Replace Tunable Joint Couplers (TJCs) with more reliable Downstream Adjacent Crossing (DAX) cable installations at four crossing locations: Hargett St Corridor ID# 630 632W, SR 3977 (SW Cary Pkwy) Corridor ID# 643 702W, SR 1308 (Laura Duncan Rd) Corridor ID# 630 689X, and SR 1415 (SW Mayard Rd) Corridor ID# 643 400U to improve safety and network reliability. | 3 - Highway-rail crossing improvement (point) | C | 05 | Capital Area MPO | Wake | \$ 4,000,000.00 |
| R150039 | Statewide Mobility | CSX S Line/NCDOT Capital Yard | NCDOT Capital Yard in Raleigh, NC | N/A | Construction of NCDOT north Lead track extension towards grade separation with Capital Boulevard in Raleigh. | 1 - Freight rail corridor improvement or construction (line) | C | 05 | Capital Area MPO | Wake | \$ 3,155,000.00 |
| R231765 | Regional Impact | RFCC VF Line | VF Line from MP 13.3 to 13.6 near Lillington, NC | N/A | [Initial Project Concept] Construction of horizontal curve improvements (increase cant) between MP 13.3 and 13.6 plus upgrade to Class 3 track (40 mph freight, 60 mph passenger) for future Class I passenger service (Amtrak). | 7 - Corridor modernization (line) | C | 06 | Capital Area MPO | Harnett | \$ 1,800,000.00 |
| R231768 | Regional Impact | RFCC VF Line | VF Line from MP 13.3 to 30.6 | N/A | [Initial Project Concept] Construction of horizontal curve improvements (increase cant) between MP 13.3 and 13.6, 18.6 and 19.6, 22.7 and 23.3, 24.4 and 25.4, 30.4 and 30.6 plus upgrade to Class 3 track (40 mph freight, 60 mph passenger) for future Class I passenger service (Amtrak). | 7 - Corridor modernization (line) | C | 06 | Fayetteville Area MPO, Capital Area MPO, Mid-Carolina RPO | Harnett, Cumberland | \$ 14,700,000.00 |
| TBD | | D&S Junction Bypass and interlocking modification | MP H56.0 | MP H56.8 | Track & Systems - Bypass Track and Interlocking modifications at D&S junction | 1 - Freight rail corridor improvement or construction (line) | C | 05 | Capital Area MPO | Wake | \$ 170,000,000.00 |
| TBD | | Sideings between Cary/Raleigh | MP 72.7 | MP 80.8 | Track - Two sidings between Cary/Raleigh | 1 - Freight rail corridor improvement or construction (line) | C | 05 | Capital Area MPO | Wake | \$ 140,000,000.00 |