

Project Description: New Location US 17 (Ocean Highway W) and SR 1357 (Smith Ave) Interchange project.

Local ID: BRUN20051-H

Recommendation: A new location interchange project is being recommended at the intersection of US 17 (Ocean Highway W) and SR 1357 (Smith Ave).

Identified Need: Currently US 17 is a four lane roadway with a median. SR 1357 (Smith Ave) is a two lane undivided road. These two roads intersect currently but there is a need for an interchange as improvements on US 17 is being proposed for upgrades in the future.

Project Description: Wall Street and US 17 Bus Intersection Improvement Project.

Local ID: BRUN20054-H

Recommendation: Wall Street and US 17 Bus Intersection Improvement Project.

Identified Need: Wall Street currently intersects with US 17 Bus. The recommendation is improvement/upgrades to this intersection. US 17 Bus is being upgraded to boulevard standard in the future due to modernization needs.

Project Description: Interchange recommendation at the intersection of US 17 and NC 211.

Local ID: BRUN20057-H

Recommendation: Interchange recommendation at the intersection of US 17 and NC 211.

Identified Need: Currently this is an intersection. US 17 is a 4 lane with a median and NC 211 is a 3 lane roadway (2 thru lanes and 1 turning lane).

Project Description: Intersection Improvements at US 17 and Hickman Road.

Local ID: BRUN20063-H

Recommendation: Intersection Improvements at US 17 and Hickman Road.

Identified Need: The recommendation is for intersection improvements at US 17/ Hickman Road to Reduce Conflict Intersection (RCI). The STIP number for this project is W-5703H. The proposed improvements include adding U-turn movements and median crossovers at intersections to improve safety and traffic operations. The total length of the study corridor along U.S. 17 is about 4,400 feet.

Project Description: Intersection Improvements at US 17 and Pea Landing Way.

Local ID: BRUN20064-H

Recommendation: Intersection Improvements at US 17 and Pea Landing Way.

Identified Need: The recommendation is for intersection improvements at US 17/ Pea Landing Way for rumble strips, guardrail, safety, and lighting improvements at selected locations throughout the state. The STIP number for this project is W-5601-GA and W-5601H.

Project Description: Intersection Improvements at US 17 and US 17 Business.

Local ID: BRUN20073-H

Recommendation: Intersection Improvements at US 17 and US 17 Business.

Identified Need: The recommendation is for intersection improvements at US 17/ US 17 Business south of Shallotte in Brunswick County. The Hearing Map for STIP R-5857 shows improvements to: additional roadway, resurfacing, structures, island, curb and gutter.

Project Description: New Location Interchange project at the intersection of new location project I-140 Connector/ US 17.

Local ID: BRUN20083-H

Recommendation: New Location Interchange project at the intersection of new location project I-140 Connector/ US 17.

Identified Need: New Location Interchange project at the intersection of new location project I-140 Connector/ US 17. The recommendation is being made since there is a new location project (I-140) being recommended in the CTP. I-140 is being recommended to be built as a freeway, therefore an interchange will be necessary.

Project Description: New Location Interchange project at intersection of NC 211 and I-140.

Local ID: BRUN20084-H

Recommendation: New Location Interchange project at intersection of NC 211 and I-140.

Identified Need: New Location Interchange project at intersection of NC 211 and I-140. I-140 is a new route in the CTP that is being recommended to be built as a freeway. An interchange will be necessary for access onto NC 211 from I-140.

Project Description: New Location Interchange project at future year project Carolina Bays Parkway Extension and Bishop Road.

Local ID: BRUN20089-H

Recommendation: New Location Interchange project at future year project Carolina Bays Extension and Bishop Road.

Identified Need: New Location Interchange project at future year project Carolina Bays Parkway Extension and Bishop Road. The new location project R-5876 (Carolina Bays Parkway Extension) is being recommended as a freeway. Therefore, an interchange is necessary to connect to Bishop Road.

Project Description: New Location Interchange at intersection of future year project Carolina Bays Parkway Extension.

Local ID: BRUN20090-H

Recommendation: New Location Interchange at intersection of future year project Carolina Bays Parkway Extension.

Identified Need: New Location Interchange at intersection of future year project Carolina Bays Parkway Extension (STIP R-5876) and an unnamed road. Carolina Bays Parkway Extension is being recommended as a freeway so an interchange is necessary to connect to anyway intersecting roadways.

Project Description: New Location Interchange at Carolina Bays Parkway Extension and NC 904.

Local ID: BRUN20091-H

Recommendation: New Location Interchange at Carolina Bays Parkway Extension and NC 904.

Identified Need: New Location Interchange at Carolina Bays Parkway Extension (R-5876) and NC 904. Carolina Bays Parkway Extension is being recommended as a freeway so an interchange is necessary to connect to anyway intersecting roadways

Project Description: New Location Interchange at Carolina Bays Parkway Extension and US 17.

Local ID: BRUN20092-H

Recommendation: New Location Interchange at Carolina Bays Parkway Extension and US 17.

Identified Need: New Location Interchange at Carolina Bays Parkway Extension (R-5876) and US 17. Carolina Bays Parkway Extension is being recommended as a freeway so an interchange is necessary to connect to anyway intersecting roadways. US 17 and Carolina Bays Parkway Extension will be major routes used by locals and tourists in the future.

Project Description: New Location Intersection project at NC 906/ SR 1501 (Gilbert Rd SE)/ New Location Antenna Farm Road.

Local ID: BRUN30050-H

Recommendation: New Location Intersection project at NC 906/ SR 1501 (Gilbert Rd SE)/ New Location Antenna Farm Road.

Identified Need: New Location Intersection project at NC 906/ SR 1501 (Gilbert Rd SE)/ New Location Antenna Farm Road. With the new location road that is being recommended at this location, there is a need for intersection improvements.

Project Description: US 179 Business Bridge Improvement Project over Calabash River.

Local ID: BRUN30062-H

Recommendation (Proposal Description): US 179 Business Bridge (Beach Drive) Improvement Project over Calabash River.

Identified Need (Need Description): US 179 Business Bridge (Beach Drive) Improvement Project over Calabash River. This project is in the STIP as BR-0160 and is bridge number 15. Due to washouts from Calabash River (natural disasters) in Brunswick County, the bridge needs repair work ever so often. In March of 2018, NCDOT crews worked on repairing the bridge and will continue to perform routine maintenance and inspection.

Project Description: NC 211 (Green Swamp Road) Bridge Improvement Project over Driving Creek.

Local ID: BRUN30065-H

Recommendation (Proposal Description): NC 211 (Green Swamp Road) Bridge Improvement Project over Driving Creek.

Identified Need (Need Description): NC 211 (Green Swamp Road) Bridge Improvement Project over Driving Creek. The STIP number for this project is B-5624, WBS 45579.1.1, and bridge number 57. There was a general permit from the US Army Corps of Engineers and NCDWR Water Quality Certification that was received for construction in June of 2021.

Project Description: NC 906 (Midway Road) Bridge Improvement Project over Middle Swamp.

Local ID: BRUN30067-H

Recommendation (Proposal Description): NC 906 (Midway Road) Bridge Improvement Project over Middle Swamp. This project is in the STIP as 17BP.3.R.80 and is bridge number 104.

Identified Need (Need Description): NC 906 (Midway Road) Bridge Improvement Project over Middle Swamp. This project is in the STIP as 17BP.3.R.80 and is bridge number 104. This location is near Bolivia and very close to a fire department, town hall and elementary school.

Project Description: NC 87 (George II Hwy) Bridge Improvement Project over Orton Creek.

Local ID: BRUN30068-H

Recommendation (Proposal Description): NC 87 (George II Hwy) Bridge Improvement Project over Orton Creek.

Identified Need (Need Description): NC 87 (George II Hwy) Bridge Improvement Project over Orton Creek. This project is in the STIP as R-5627 and is bridge number 11. This location is south of South Brunswick Middle and High School.

Project Description: Intersection Improvement project at NC 130 (Whiteville Road)/ SR 1321 (Longwood Road)/Waccamaw School Road.

Local ID: BRUN30069-H

Recommendation (Proposal Description): Intersection Improvement project at NC 130 (Whiteville Road)/ SR 1321 (Longwood Road)/Waccamaw School Road.

Identified Need (Need Description): Intersection Improvement project at NC 130 (Whiteville Road)/ SR 1321 (Longwood Road)/Waccamaw School Road. This project is in the STIP as W-5703Q. Roundabout is a possibility for this project.

Project Description: New Bridge proposal on NC 133 (River Road) over Sand Hill Creek.

Local ID: BRUN30070-H

Recommendation (Proposal Description): New Bridge proposal on NC 133 (River Road) over Sand Hill Creek.

Identified Need (Need Description): New Bridge proposal on NC 133 (River Road) over Sand Hill Creek. . This project is in the STIP as BR-0139. The recommendation is to replace the culvert on NC 133, north of Funston Road, with a bridge.

Project Description: NC 906 (Midway Road) Improvement Project over Sarah Hole.

Local ID: BRUN30071-H

Recommendation: NC 906 (Midway Road) Improvement Project over Sarah Hole.

Identified Need: NC 906 (Midway Road) Improvement Project over Sarah Hole. This project is in the STIP as 17BP.3.R.62 and is bridge number 23.

Project Description: Intersection Improvement Project at NC 130 (Whiteville Road) and US 17 ramp (north) onto NC 130.

Local ID: BRUN30081-H

Recommendation: Intersection Improvement Project at NC 130 (Whiteville Road) and US 17 ramp (north) onto NC 130.

Identified Need: Intersection Improvement Project at NC 130 (Whiteville Road) and US 17 ramp (north) onto NC 130. Since NC 130 is being recommended to be upgraded to boulevard standards in the CTP in 2050 due to congestion and mobility issues, the intersection will need to be upgraded.

Project Description: Intersection Improvement Project at NC 130 (Whiteville Road) and US 17 ramp (south) onto NC 130.

Local ID: BRUN30082-H

Recommendation: Intersection Improvement Project at NC 130 (Whiteville Road) and US 17 ramp (south) onto NC 130.

Identified Need: Intersection Improvement Project at NC 130 (Whiteville Road) and US 17 ramp (south) onto NC 130. Since NC 130 is being recommended to be upgraded to boulevard standards in the CTP in 2050 due to congestion and mobility issues, the intersection will need to be upgraded.

Project Description: New Location Bridge on NC 133 (River Road) over Moore Creek.

Local ID: BRUN30085-H

Recommendation: New Location Bridge on NC 133 (River Road) over Moore Creek.

Identified Need: New Location Bridge on NC 133 (River Road) over Moore Creek.

Project Description: Intersection Improvement Project at NC 1130 (Mt Pisgah Road) and Turnpike Road.

Local ID: BRUN40047-H

Recommendation: Intersection Improvement Project at NC 1130 (Mt Pisgah Road) and Turnpike Road.

Identified Need: Intersection Improvement Project at NC 1130 (Mt Pisgah Road) and Turnpike Road.
Currently the road has sharp turning movements that is not safe.

Project Description: Intersection Improvement Project at SR 1506 (Lewis Loop Road) and Farmer Ward's Lane (unpaved).

Local ID: BRUN40048-H

Recommendation: Intersection Improvement Project at SR 1506 (Lewis Loop Road) and Farmer Ward's Lane (unpaved).

Identified Need: Intersection Improvement Project at SR 1506 (Lewis Loop Road) and Farmer Ward's Lane (unpaved). With the unpaved Farmers Ward's Lane eventually being recommended to extend out to new location road Antenna Farm Road Extension (Highway Local ID 29), there will need to be intersection improvements.

Project Description: Intersection Improvement Project at Antenna Farm Road (unpaved) and Farmer Ward's Lane (unpaved).

Local ID: BRUN40049-H

Recommendation: Intersection Improvement Project at Antenna Farm Road (unpaved) and Farmer Ward's Lane (unpaved).

Identified Need: Intersection Improvement Project at Antenna Farm Road (unpaved) and Farmer Ward's Lane (unpaved). With the unpaved Farmers Ward's Lane eventually being recommended to extend out to new location road Antenna Farm Road Extension (Highway Local ID 29), there will need to be intersection improvements.

Project Description: SR 1300 (Ash Little River Road) Bridge Replacement Project
Cawcaw Swamp

Local ID: BRUN40056-H

Recommendation: SR 1300 (Ash Little River Road) Bridge Replacement Project
Cawcaw Swamp

Identified Need: SR 1300 (Ash Little River Road Northwest) Bridge Replacement Project Cawcaw Swamp.
This project is in the STIP as B-5996 and the bridge number is 126. This project was due for ROW in FY 2021. Since our BY for this CTP is 2019, we are including it in the list.

Project Description: The bridge is on SR 1342 (Makatoka Road) and the recommendation is to replace the bridge over Muddy Branch.

Local ID: BRUN40059-H

Recommendation (Proposal Description): The bridge is on SR 1342 (Makatoka Road) and the recommendation is to replace the bridge over Muddy Branch.

Identified Need (Need Description): The bridge is on SR 1342 (Makatoka Road) and the recommendation is to replace the bridge (#100) over Muddy Branch. BRUN40059-H is a bridge that is currently on the NCDOT 2020-2029 STIP as project B-4439. The project is shown as a deficient bridge on the Bridge Deficiencies Map in Figure 6 of the CTP report.

Project Description: SR 1357 (Mulberry Road) Bridge Replacement over Mulberry Branch Creek

Local ID: BRUN40066-H

Recommendation: SR 1357 (Mulberry Road) Bridge Replacement over Mulberry Branch Creek

Identified Need: The bridge is currently structurally deficient and functionally obsolete. There is a highway recommendation for congestion and mobility purposes as well as a bicycle lane on Mulberry Road.

Project Description: SR 1515 (Old Mill Creek Rd) Bridge Replacement Project
Mill Creek

Local ID: BRUN50058-H

Recommendation: The bridge is on SR 1515 (Old Mill Creek Road SE) and the recommendation is to replace the bridge over Mill Creek Road.

Identified Need: BRUN50058-H is a bridge that is currently on the NCDOT 2020-2029 STIP as project B-5629. The project is shown as a deficient bridge on the Bridge Deficiencies Map in Figure 6 of the CTP report.

Project Description: US-74, US-76 at NC 87 (Maco Road)

Local ID: H090287-G

Proposal Description: The recommendation is to upgrade the existing intersection of US-74/76 at NC 87 to an interchange. US-74/76 is being recommended to be upgraded to interstate standards so this intersection will need to be upgraded. This project is in the STIP as R-4462.

Identified Need: This is a Statewide Mobility project that provides mobility enhancements and a facility upgrade.

Project History/Linkage to other projects:

This recommendation is not included in any MTP or CTP; however, it is a STIP project:

R-4462: US 74-76 Brunswick County at NC 87 (Maco Road). Upgrade At-grade Intersection to an Interchange.

Project Description: US 17 at Calabash Rd

Local ID: H090293-A

Project Description: This is an intersection improvement project at US 17 and Calabash Rd which currently has streetlights. The recommendation is to convert the existing intersection to a superstreet to improve mobility.

Identified Need: This is a Statewide Mobility project that improves capacity and traffic flow.

Project History/Linkage to other projects:

This recommendation is not included in the previous Brunswick County CTP 2010.

H090293-A was submitted to SPOT 5.0 and SPOT 6.0.

Project Description: US 17 at NC904

Local ID: H090293-C

Project Description: This is an intersection improvement recommendation to convert the existing intersection to a superstreet. NC 904 is being recommended to be widened to address congestion/mobility, so there will need to be intersection improvements. This is in the STIP as R-5851.

Identified Need: This is a Statewide Mobility project that provides mobility and safety enhancements.

Project History/Linkage to other projects:

This recommendation is not included in the previous Brunswick County CTP 2010.

H090293-C was submitted to SPOT 5.0.

Project Description: US17 & Galloway Rd Intersection Improvement

Local ID: H090293-H

Recommendation: This is an intersection improvement project. There is a highway recommendation to improve congestion and mobility on Galloway Rd. The recommendation is to convert the US 17 and Galloway Rd intersection to a superstreet.

Identified Need: This is a statewide mobility project that provides mobility and safety enhancements.

Project History/Linkage to Other Plans:

The project proposal was submitted to SPOT 5.0 and SPOT 6.0. This proposal was not identified in a previous CTP.

Project Description: US 17 at US 17 BUS

Local ID: H090293-J

Proposal Description: The recommendation is to convert the intersection to a superstreet. This project is in the STIP as R-5857.

Identified Need: This is a Statewide Mobility project that provides mobility and safety enhancements.

Project History/Linkage to other projects:

This recommendation is not included in the previous Brunswick County CTP 2010.

H090293-J was submitted to SPOT 5.0 and SPOT 6.0.

Project Description: US 17 (Shalotte Bypass) and US 17 BUS South Intersection

Local ID: H141790

Proposal Description: The recommendation is for intersection improvements to increase safety at this intersection. The recommendation is to upgrade the existing at-grade intersection to an interchange. This project is in the STIP as U-6104.

Identified Need: This Statewide Mobility project will improve safety, reduce congestion, and improve traffic flow through the intersection. This intersection falls along a facility that is projected to exceed capacity. The intersection is also a high frequency crash location.

Project History/Linkage to Other Plans:

The project proposal was submitted to SPOT 5.0 and SPOT 6.0. This proposal was not identified in a previous CTP or MTP.

Project Description: US 17 BUS & NC 906

Local ID: H170246

Proposal Description: The recommendation is to realign the existing offset Intersection and construct a roundabout. This intersection falls between two highway projects for congestion/mobility improvements, so an intersection improvement is needed. This project is in the STIP as R-3434.

Identified Need: This is a regional impact project that improves traffic flow.

Project History/Linkage to other projects:

This recommendation is not included in the previous Brunswick County CTP 2010.

H170246 was submitted to SPOT 5.0.

Project Description: NC 179 & Persimmon Rd

Local ID: H171334

Proposal Description: This is an intersection improvement project. The recommendation is to make upgrades to the existing intersection to improve safety.

Identified Need: This is a regional impact project that improves safety and functionality at the intersection.

Project History/Linkage to other projects:

This recommendation is listed in the 2040 GSATS MTP under North Carolina New Construction Recommendations.

H171334 was submitted to SPOT 5.0.

Project Name: NC 87 and NC 133 Interchange

Local ID: H184039

Recommendation: This is a new location interchange project. The recommendation is to upgrade the existing 3-way intersection to an interchange. This intersection falls along NC 87 where there are congestion and mobility issues, so an interchange is needed to provide mobility.

Identified Need: Congestion and mobility issues.

Project Name: NC 130 Holden Beach Rd SW and SR 1130 Mt. Pisgah Rd Roundabout

Local ID: H184088

Recommendation: This is an intersection improvement project. The recommendation is to replace the existing 3-way intersection with a roundabout. Since NC 130 is showing a recommendation to be upgraded to a boulevard in future year 2050, the intersection will need to be upgraded.

Identified Need: Refer to SPOT pre6.0 Sheets from Division 3 for this need.

Project Name: NC 179 Bricklanding Rd SW and SR 1145 Village Point Rd SW Roundabout

Local ID: H184089

Recommendation: This is an intersection improvement project. The recommendation is to replace the existing 3-way Intersection with a roundabout. NC 179 is showing a highway recommendation to address congestion and mobility, so an intersection improvement is needed.

Identified Need: Refer to SPOT pre6.0 Sheets from Division 3 for this need.

Project Name: NC 130 Holden Beach Rd and SR 1139 Seashore Rd Roundabout

Local ID: H184091

Recommendation: This is an intersection improvement project. The recommendation is to replace the existing intersection with a roundabout. NC 130 is showing a highway improvement recommendation to address congestion and mobility, so an intersection improvement is needed.

Identified Need: Refer to SPOT pre6.0 Sheets from Division 3 for this need.

Project Name: NC 179 Beach Dr SW and SR 1143 Bricklanding Rd SW Roundabout

Local ID: H184092

Recommendation: This recommendation is to replace the existing 3-way intersection with a roundabout. NC 179 and Bricklanding Rd both have highway recommendations to address congestion and mobility, so an improvement to this intersection is also needed.

Identified Need: Refer to SPOT pre6.0 Sheets from Division 3 for this need.

Project Name: SR 1120 Sabbath Home Rd and SR 1121 Old Ferry Rd Intersection

Local ID: H184093

Recommendation: This is an intersection improvement project. The recommendation is to re-align the existing intersection and install a right turn lane on SR 1121 Old Ferry Rd.

Identified Need: Refer to SPOT pre6.0 Sheets from Division 3 for this need.

Project Name: US 17 BUS Main St & Village Rd

Local ID: H184094

Proposal Description: This is an intersection improvement project. The recommendation is to install a traffic light on US 17 BUS (Main St) in Shallotte at the Village Rd Intersection to improve safety and traffic flow.

Need Description: The intersection experiences traffic volumes that cause delays and unsafe turns for motorists. The intersection falls along roadway that is projected to exceed capacity. This is a regional impact project that would increase safety and improve traffic flow.

Project Name: SR 1136 Red Bug Rd SW and SR 1134 Gray Bridge Rd SW Roundabout

Local ID: H184129

Recommendation: This is an intersection improvement project. The recommendation is to replace the offset intersection with a roundabout to improve traffic flow and increase safety. NC 130 is showing a highway improvement recommendation to address congestion and mobility, so an intersection improvement is needed.

Identified Need: Refer to SPOT pre6.0 Sheets from Division 3 for this need.

Project Name: US 17 (Shallotte Bypass) at US 17 BUS (Main St) Interchange

Local ID: H192865

Recommendation: This is an intersection improvement project. The recommendation is to upgrade the existing intersection to an interchange to improve safety and mobility.

Identified Need: Safety and mobility.