



Proj #	Hwy Div.	County	TIP #	Track & Mile Post	Project Description	Benefits		Total Estimated Cost	Committed Funds	
						Public	Private		ARRA	Other
6	5, 7, 9, 10.	Wake, Durham, Alamance, Guilford, Davidson, Rowan, Cabarrus, Mecklenburg	P-2918	NCDOT	Rehabilitate 3 Passenger Cars	Rehabilitates passenger cars for additional service frequency.		\$1,986,214	\$1,986,214	\$0
7	5, 7, 9, 10.	Wake, Durham, Alamance, Guilford, Davidson, Rowan, Cabarrus, Mecklenburg	P-2918	Various	Passenger Train Station Security Management System , CCTV Data Network for 9 stations and backup generators for stations	Provides remote oversight of platform and station facilities. Backup generators provide a source of power during outages.		\$1,312,612	\$1,312,612	\$0
<b>Sub-Total</b>								<b>\$26,958,988</b>	<b>\$21,893,221</b>	<b>\$5,065,767</b>

**NC T2.2 - SEHSR - Piedmont Corridor Service - 4th Frequency**

8a	10	Mecklenburg	P-2918	NS 378.6	Charlotte Maintenance Facility Phase II - Extension of tracks and shop building to service longer fixed-consist SEHSR train sets. Right-of-Way Acquisition.	Acquire ROW for maintenance facility needed for SEHSR and intercity service.		\$23,385,254	\$23,385,254	\$0
8b					CRISP - Charlotte Maintenance Facility - Creates 700 foot 2-track shop for intercity equipment maintenance with 2 outdoor tracks.	Supports safety, service, and maintenance of passenger equipment.				
9	10	Mecklenburg	P-5002	NS 377.1 CSXT SF 330.6	CRISP - Create grade separation for NS/CATS/CSXT in Charlotte, Mecklenburg Co including moving CSXT's Tryon Yard to Pinoca Yard	Provides critical access to Charlotte Gateway Station for SEHSR and intercity passenger service. Required for grade separation of busy mainline and planned CATS commuter service. Reduces emissions, energy use and noise from waiting trains.	Creates grade separation of NS Crescent Corridor and CSXT National Gateway eliminating bottleneck at mainline at-grade crossing.	\$143,573,188	\$120,408,615	\$23,164,573
10a	10	Cabarrus, Mecklenburg	P-5208	NCR 360.1 - 372.2	NCRIP Improvement Program (NCRIP) - Restore Double Track Charlotte to Greensboro - Haydock to Junker	Improves capacity by allowing trains to pass without delay, improves safety and reliability. Completes double track Greensboro to Charlotte. Design speed 79 mph with future upgrade to 90 mph. Significant safety and operational improvements.	Allows capacity for increased freight/intermodal traffic. Increases operational reliability and efficiency. Removes crossing hazards that impact train operations and business/residential development.	\$128,372,268	\$118,732,417	\$9,639,851
					Double track	Subtotal	\$ 79,169,502			
					Grade Separations	Subtotal	\$ 15,946,710			
11	10	Cabarrus	P-4010	NCR 349	Kannapolis Station Platform Canopy	Provides safe shelter from the elements for passengers.		\$539,357	\$539,357	\$0
10b	9	Rowan	P-5206	NCR 337.3 - 347.3	NCRIP - Restore Double Track Charlotte to Greensboro - Reid to North Kannapolis	Improves capacity by allowing planned passenger trains to pass without delay, and improves safety and OTP. Completes double track Greensboro to Charlotte. Design speed 79 mph with future upgrade to 90 mph. Includes crossing closures and improvements.	Allows capacity for increased freight/intermodal traffic. Increases operational reliability and efficiency.	\$93,996,965	\$93,128,550	\$868,415
					Double track	Subtotal	\$ 63,793,479			
					Grade Separations	Subtotal	\$ 28,800,000			
12	9	Rowan	U-3459	NCR 335.2	Klumac Road Grade Separation	Improves safety and area mobility.	Eliminates crossing hazard and potential for crashes and system interruptions. Reduces crossing signal and surface maintenance.	\$15,000,836	\$13,831,401	\$1,169,435

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13	9	Davidson, Rowan	I-2304AE	NCRR 327.4	Curve realignment at Duke south of Linwood yard. To be progressed with (I-2304AC and AD) I-85 Yadkin River Bridge improvement.	Increases passenger train speed from 45 to 65 mph and reduces travel time per train by 1 minute.	Reduces maintenance at Duke interlocking and increases intermodal train speeds to 60 mph.	\$3,911,621	\$844,659	\$3,066,962			
10c	9	Davidson	C-4901	NCRR 309.9 - 314	NCRRIP - Restore Double Track Charlotte to Greensboro- Bowers to Lake	Improves capacity by allowing trains to pass without delay, improves safety and reliability. Completes double track Greensboro to Charlotte. Design speed 79 mph with future upgrade to 90 mph. Eliminates crossing hazards through grade separations.	Allows capacity for increased freight/intermodal traffic. Increases operational reliability and efficiency. Eliminates crossing hazard.	\$47,101,049	\$42,345,437	\$4,755,612			
											Double track	Subtotal	\$ 37,436,637
											Grade Separations	Subtotal	\$ 10,108,800
14	7	Guilford	P-2912	NCRR 299.4	High Point Station parking.	Provides more parking for passenger rail customers.		\$1,893,103	\$1,893,103	\$0			
40d	7	Guilford	P-4701A	NCRR-289.3-298.4	<del>NCRRIP - Restore Double Track Charlotte to Greensboro- Cox to Hoskins</del>	<del>Improves capacity by allowing trains to pass without delay, improves safety and reliability. Completes double track Greensboro to Charlotte. Design speed 79 mph with future upgrade to 90 mph.</del>	<del>Allows capacity for increased freight/intermodal traffic. Increases operational reliability and efficiency.</del>	<del>\$18,445,065</del>	<del>\$6,945,065</del>	<del>\$11,500,000</del>			
15	7	Guilford	P-5204	NCRR H 9.1	Carmon Road crossing closure and 1-mile road realignment on new location. <b>McLeansville Grade Separation and three additional at-grade crossing closures.</b>	Eliminates 2 highway crossings in a railroad passing siding, increasing its utility for passenger trains to pass long freight trains. Eliminates hazard to traveling public.	Increases operational utility of siding and removes crossing hazards that impact train operations and business/residential development.	\$6,140,072	\$4,781,448	\$1,358,624			
16	7	Alamance	P-2909AA	NCRR H 21.4	Burlington Station platform extension.	Allows all passengers to board faster/safer without repositioning train thus improving travel time.	Reduces passenger train dwell time and related movements resulting in more capacity and safer boarding.	\$283,647	\$283,647	\$0			
47	5	Durham	U-4746	NCRR H-63.6-66	<del>NCRRIP - Clegg to Nelson Passing Siding.</del>	<del>Improves capacity by allowing trains to pass without delay, and improves safety and reliability. Design speed 79 mph with future upgrade to 90 mph.</del>	<del>Improves freight capacity and efficiency.</del>	<del>\$0</del>	<del>\$0</del>	<del>\$0</del>			
17-18	5	Durham	U-4716	NCRR H 64.7 - H65.2	<b>NCRRIP - Hopson Road Grade Separation, Church Street Closure and associated traffic rerouting, and Track Realignment. Also, Clegg to Nelson Passing Siding.</b>	<b>Improves safety and increases speed by flattening curve. Existing speed 55 mph. Design speed 79 mph with future upgrade to 90 mph. Improves capacity by allowing trains to pass without delay, and improves safety and reliability.</b>	Eliminates crossing hazard which could result in accidents and delays and crossing signal/surface maintenance. Prepares for Clegg Siding capacity improvement.	\$25,608,049	\$23,838,574	\$1,769,475			
19	5	Wake	P-5201	NCRR H 69.6	Morrisville Parkway Grade Separation	Improves safety and area mobility.	Eliminates crossing hazard and potential for crashes and system interruptions. Reduces crossing signal and surface maintenance.	\$5,206,591	\$1,706,591	\$3,500,000			
21	5, 7, 9, 10.	Wake, Durham, Alamance, Guilford, Davidson, Rowan, Cabarrus, Mecklenburg	P-4405	NCRR H 75.7 to 0; 295.2 to 366.5	Private Crossing Safety Initiative (PCSI)- Raleigh to Charlotte - Environmental, PE and Construction.	Removes and/or mitigates hazards at 15 private crossing locations along SEHSR corridor between Raleigh to Charlotte.	Removes crossing hazards that impact train operations and business/residential development.	\$6,972,833	\$2,701,995	\$4,270,838			
22	5, 7, 9, 10.	Wake, Durham, Alamance, Guilford, Davidson, Rowan, Cabarrus, Mecklenburg	P-2918	NC DOT	Purchase 4 used passenger cars and spare parts and rehabilitate 7 cars	Provides needed equipment for additional service frequencies.		\$20,079,647	\$20,079,647	\$0			

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23	5	Wake	P-2918	NCDOT	Capital Yard Phase I Improvements - Extends tracks 1 & 2 and provides track pans under track and concrete pads for maintenance of additional trains sets. Provides major improvements to track 3 and adds concrete pad North for inspections.	Supports service and maintenance of passenger equipment.		\$3,292,585	\$3,292,585	\$0
24	5, 7, 9, 10.	Wake, Durham, Alamance, Guilford, Davidson, Rowan, Cabarrus, Mecklenburg	P-2918	Various	Equip 9 NC stations and platforms with ADA/FRA mandated Public Information Display Systems. PIDS to include software and hardware, installation, and connections to local 911 centers, and North Carolina State Emergency Management Off	Provides required video and audio information for passengers that are hearing and sight impaired.		\$1,567,730	\$1,567,730	\$0
<b>Sub-Total</b>								<b>\$ 526,924,794</b>	<b>\$ 473,361,010</b>	<b>\$ 53,563,784</b>

**NC T3.0 - SEHSR Phase 5 - FR-HSR-0057-11-01-00**

N/A	5	Wake, Franklin, Warren	P-3814	(Generally) CSXT S-0 to S-157	The overall project consists of developing a rail connection from Raleigh, NC to Richmond VA that will provide for higher speeds of train travel, and enhance safety by grade separating highway-railway crossings.	Creates critical central link between the SEHSR I-95 Corridor Project (Richmond to DC) and the SEHSR Piedmont Corridor Project (Raleigh to Charlotte). Provides increased efficiency and mobility through use of grade separated crossings.	Improves safety, efficiency, and speed by improving track alignments and providing for grade separated crossings.	\$7,878,420	\$4,000,000	\$3,878,420
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**Sub-Total: \$ 7,878,420 \$ 4,000,000 \$ 3,878,420**

**Grand Total: \$ 588,323,041 \$ 525,815,070 \$ 62,507,972**

**ARRA Award: \$ 525,815,070**

ARRA American Recovery and Reinvestment Act of 2008  
 CRISP Charlotte Railroad Improvement and Safety Program  
 CSXT CSX Transportation  
 HSIPR High Speed and Intercity Passenger Rail Program  
 NCRR North Carolina Railroad Company  
 NCRRIIP North Carolina Railroad Improvement Program  
 NS Norfolk Southern Railway

Project listing is from NC DOT applications. US DOT has announced an award of \$545 million.

Added to This Certification  
 Removed From This Certification  
 Revised Data or Information This Certification