



NORTH CAROLINA

Department of Transportation



Structures Management Unit

David Stutts, Project Management

Bridges - From “Cradle to Grave”



Bridge Replacement Program

The “B” Projects

2017 - Under New Management

150 +/- Current Projects

Tierre Peterson - Team Leader

Jacquelyn Bowles - Project Coordinator

Bridge Replacement Program

SMU Coordination

Design Firm - Turnkey Project

GEC Review Firm

In-house Coordination with all
other Units

Bridge Replacement Program

Prescreening

November thru January - 53 Projects

February thru May - Scoping & NTP

Summer 2018 - 50 More Projects

Bridge Replacement Program

Group	Project Number	Division	County Name	Structure No.	Facility Carried	Intersected Features	Let Date	Right of Way Date	Plan Year	WBS Number	Funding Program	Costs to check sturgeon	Firm
A	BR-0004	2	Beaufort	060048	US248	PUNGO RIVER	1/19/2021	1/19/2020	2021	67004.1.1	HFB		HDR
A	BR-0005	2	Beaufort	060075	NC33	CHOCOWINY CREEK	1/19/2021	1/19/2020	2021	67005.1.1	HFB	Costs to check sturgeon	M&H
A*	BR-0006	2	Beaufort	060321	NC308 FERR	PANICO SOUND	1/19/2022	1/19/2021	2022	67006.1.1	HFB		HDR
A*	BR-0007	2	Beaufort	060322	NC308 FERRY	PANICO RIVER	1/19/2022	1/19/2021	2022	67007.1.1	HFB		HDR
A	B-5619	2	Lenoir	530552	SR1389	NEUSE RIVER OVERFLOW	1/19/2021	1/19/2020	2021	45574.1.1	STBG OFF		M&H
A	B-5619	2	Lenoir	530622	SR1389	NEUSE RIVER	1/19/2021	1/19/2020	2021	45574.1.1	STBG OFF		M&H
B	BR-0008	3	Brunswick	080007	US17	US76	1/19/2022	1/19/2021	2022	67008.1.1	HFB		
B	BR-0017	3	Durham	300052	NC11	LITTLE ROCKEER CREEK	1/19/2022	1/19/2021	2022	67017.1.1	HFB		
B	B-5981	3	Durham	300016	US117 NBL	CSX RAILROAD	1/19/2022	1/19/2020	2022	44593.1.1	STBG -5K		Internal
B	BR-0046	3	Sampson	830022	US701	BLACK RIVER OVERFLOW	1/19/2022	1/19/2021	2022	67046.1.1	HFB		
C	BR-0001	4	Hatteras	830003	NC68	ROANOK RIVER	1/19/2023	1/19/2023	2023	67011.1.1	HFB		
C	BR-0016	4	Johnston	500080	NC110	MIDDLE CREEK	1/19/2020	1/19/2019	2020	67026.1.1	HFB		V&M
C	BR-0036	4	Mecklenburg	630041	NC13	ISS	1/19/2020	1/19/2019	2020	67036.1.1	HFB		
C	BR-0039	4	Mecklenburg	620026	ISS	ISS	1/19/2020	1/19/2019	2020	67039.1.1	HFB		
D	B-5986	5	Wake	910084	NC131	NORFOLK SOUTHERN	1/19/2022	1/19/2020	2022	47818.1.1	T		
D	B-5987	5	Wake	910115	US401 NBL	SOUTHERN RR, CREEK	1/19/2022	1/19/2020	2022	47817.1.1	NHP		Stantec
D	B-5987	5	Wake	910117	US401 SBL	SOUTHERN RR, CREEK	1/19/2022	1/19/2020	2022	47817.1.1	NHP		
D	B-5987	5	Wake	910172	US401 SBL	ATLANTIC AVE.	1/19/2022	1/19/2021	2022	47060.1.1	HFB		
D	BR-0050	5	Wake	910175	US401	ATLANTIC AVE.	1/19/2022	1/19/2021	2022	47060.1.1	HFB		
E	BR-0013	6	Cumberland	250019	NC82	ISS	1/19/2021	1/19/2020	2021	67013.1.1	HFB		Wetherill
E	BR-0014	6	Cumberland	250020	NC82	BEAVER DAM CREEK	1/19/2021	1/19/2020	2021	67014.1.1	HFB		
E	B-5985	6	Robeson	770123	NC41, NC32	LUMBER RIVER	1/19/2022	1/19/2021	2022	47749.1.1	T		
E	B-5985	6	Robeson	770125	SR1400	LUMBER RIVER	1/19/2022	1/19/2021	2022	47749.1.1	T		
F*	BR-0041	7	Rockingham	780001	SR213	US29	1/19/2021	1/19/2020	2021	67041.1.1	HFB		
F*	BR-0042	7	Rockingham	780116	SR200	US29	1/19/2021	1/19/2020	2021	67042.1.1	HFB		
F*	B-5721	7	Rockingham	780124	SR217	MAYO RIVER	1/19/2021	1/19/2020	2021	46677.1.1	STBG OFF		AECOM
F*	BR-0043	7	Rockingham	780002	US196, NC14	US29	1/19/2021	1/19/2020	2021	67043.1.1	HFB		
F*	BR-0044	7	Rockingham	780168	NC14, NC17	SMITH RIVER	1/19/2020	1/19/2019	2020	67044.1.1	HFB		
BR-0035	8	Moore	620004	NC12	NICKS CREEK	1/19/2022	1/19/2021	2022	67035.1.1	HFB	Potential to give to station	Internal	
H	BR-0015	9	Davidson	280067	US296, US785 BUS. F	SR1192	1/19/2022	1/19/2021	2022	67055.1.1	HFB		
H	B-5720	9	Davidson	280068	US296, US785 BUS. F	SR1192	1/19/2022	1/19/2021	2022	67055.1.1	HFB		KCA
H	B-5720	9	Forsyth	330024	SR1024	Patton Creek Flow	1/19/2020	1/19/2019	2020	67016.1.1	HFB		
H	BR-0016	9	Davidson	280150	US29, US70, US88, LI	SR1123 W	1/19/2022	1/19/2021	2022	67016.1.1	HFB		
G	BR-0018	9	Forsyth	330048	NC18	US52	1/19/2022	1/19/2021	2022	67018.1.1	HFB		Parish
G	BR-0047	9	Watauga	840001	SR1152	US52	1/19/2020	1/19/2019	2020	67047.1.1	HFB		
G	B-5700	9	Davidson	280115	SR1711	WINSTON SALEM SB.RL	1/19/2020	7/22/2019	2020	45721.1.1	HFB		
I	B-5990	10	Mecklenburg	590001	SR1138 WBL	SUGAR CREEK	1/19/2022	1/19/2021	2022	47819.1.1	T	Asking division about this	
I	B-5983	10	Mecklenburg	590054	NC160	SOUTHERN RAILROAD	1/19/2022	1/19/2020	2022	47815.1.1	NHP	All 3 near 77, need traffic	Baker
I	B-5984	10	Mecklenburg	590068	NC69	SOUTHERN RAILROAD	1/19/2022	1/19/2020	2022	47816.1.1	NHP		
I	BR-0049	10	Union	890004	CONCORD AVE	US74, NC200	1/19/2021	1/19/2020	2021	67049.1.1	HFB		
J	BR-0001	11	Albemarle	020001	US11	LITTLE RIVER	1/19/2022	1/19/2021	2022	67001.1.1	HFB		
J	BR-0002	11	Ashe	040006	NC184	NORTH FORK NEW RIVER	1/19/2022	1/19/2021	2022	67002.1.1	HFB		Internal
J	BR-0048	11	Surry	850109	NC218	MITCHELL RIVER	1/19/2022	1/19/2021	2022	67048.1.1	HFB		
J	BR-0051	11	Yadkin	880050	SR1121	US42	1/19/2021	1/19/2020	2021	67051.1.1	HFB		
K	BR-0012	12	Cleveland	220049	US74 WBL	SANDY RUN	1/19/2021	1/19/2020	2021	67022.1.1	HFB		
K	BR-0019	12	Gaston	350056	NC275	S. FORK CATAWBA RIVER	1/19/2021	1/19/2020	2021	67019.1.1	HFB		R&BK
K*	BR-0020	12	Gaston	350095	US 29, US 74	CATAWBA RIVER	1/19/2022	1/19/2021	2022	67020.1.1	HFB	Most difficult, could be a removal	
L	BR-0023	12	Iredell	480006	SR1006	ISS	1/19/2020	1/19/2019	2020	67023.1.1	HFB		
L	BR-0025	12	Iredell	480118	SR1639	ISS	1/19/2021	1/19/2020	2021	67025.1.1	HFB	Service Road bridge, could be a removal	ma
L	BR-0027	12	Lincoln	540030	US321 BUS	NC150	1/19/2021	1/19/2020	2021	67027.1.1	HFB		
M*	B-5992	13	Beaufort	060007	SR1820	FRENCH BROOK RVL, SR	1/19/2022	1/19/2021	2022	46593.1.1	NHP		Summit
M*	BR-0009	13	Beaufort	060076	NC19	BEAVER RIVER	1/19/2020	1/19/2019	2020	67009.1.1	HFB		ATCS
M*	BR-0010	13	Burke	110105	US64, NC18	JOHNS RIVER	1/19/2021	1/19/2020	2021	67010.1.1	HFB		ATCS
M*	B-5989	13	Madison	560071	SR1199	BIG LAUREL CREEK	1/19/2022	1/19/2021	2022	47846.1.1	STBG OFF		Summit
M*	BR-0022	13	Madison	560086	NC206	ROCKAWAY RIVER	1/19/2022	1/19/2021	2022	67022.1.1	HFB		Summit
M*	BR-0023	13	McDowell	580064	SR1134	ISS	1/19/2021	1/19/2020	2021	67023.1.1	HFB		ATCS
N	BR-0011	14	Cherokee	190002	NC141	SLOW CREEK	1/19/2020	1/19/2019	2020	67011.1.1	HFB	On-site detour, geotechnical unknown structures on SPOT, two lanes each	V&B
N	B-5982	14	Haywood	430005	US74	SOUTHERN RAILROAD	1/19/2022	1/19/2021	2022	47814.1.1	NHP		V&B
N	BR-0032	14	Haywood	430222	US19,23,74 SBL	NC209 CONN.	1/19/2021	1/19/2020	2021	67022.1.1	HFB		V&B
N	BR-0028	14	Madison	550023	US64	MAYNARD RIVER	1/19/2021	1/19/2020	2021	67028.1.1	HFB		DM&P
N*	BR-0029	14	Madison	550026	NC106	MIDDLE CREEK	1/19/2020	1/19/2019	2020	67029.1.1	HFB		DM&P
N*	BR-0030	14	Madison	550065	NC108	COWEE CREEK	1/19/2021	1/19/2020	2021	67030.1.1	HFB		DM&P
N*	BR-0040	14	Polk	760022	NC19	OWENS RIVER	1/19/2020	1/19/2019	2020	67040.1.1	HFB		DM&P

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Bridge Project Funding Sources
 HFB [State] Highway Fund Bridge
 NHP [Feds] National Highway Performance Program
 STBG Off [Feds] Surface Transportation Block Grant [DOT System Bridge]
 T [State] State Highway Trust Funds

Structure No. Projects to NES-ECAP for screening
Intersected Feature Projects over a railroad
WBS Number Temporary WBS to use until project added to STIP

PRESCREENING
 Potential 2-year Project Delivery to Letting
 Potential 3-year Project Delivery to Letting
 Potential 4-year Project Delivery to Letting
 Potential 5-year Project Delivery to Letting
 Possible Elimination
 Potential Substructure Modification
 *** Potential for Appraisal

Bridge Replacement Program

Coordination with Divisions

- Prescreening
- Scoping
- FSM and CFI
- ROW
- Municipal Involvement

Bridge Replacement Program

SHAREPOINT / CONNECT NCDOT PRECONSTRUCTION

- Submittals - Reviews - Design Files - Final Plans
- No more SrvConn / R:drive / ProjStore
- Guidelines: Bridge Program & Structures Design Library - available(???)

Division Managed Projects

Plan Review Coordination with Divisions

David Stutts - PEF Coordinator

Hoang Dieu - Plan Review
Coordinator

Division Managed Projects

Plan Review Coordination with Divisions

- PGD Review:
 - Current BSR, Roadway Plans
- Final Plan Review:
 - Current Foundation Recs, BSR, Roadway Plans

Division Managed Projects

Plan Review Coordination with Divisions

- 10 Day Review Time
- Provide Let Schedule for prioritization

Division Managed Projects

Division Design - Raleigh Let (DDRL)

- Central Letting
- SMU PS&E Group - Hoang Dieu
- Provide Final Plans, PSP, Estimate, Working Days

Questions?

