

## Carolina Crossroads - Video Inspection Summary, Phase 1 2/26/21

Culvert ID	RPA Alignment	Approx. Station	# Of Barrels	Pipe Size (D or WxH)	Length (ft) per Field Survey	Recommendations for Pipe Based on Video Inspection Report
EC-2601	I26RA1P	377+00	2	84"	147	Provide appropriate hydraulic capacity within the pipe system. Repair or replace the 84" pipe sections (first two sections) downstream of 6'x6' RCB
EP-2602	126RD	7386+60	1	18"	196	Clear all debris. Further investigation needed by contractor due to blockage in pipe.
EP-2801	I26RA1P	407+60	1	36"	-	Clear all debris. Further investigation needed by contractor due to blockage in pipe.
EP-2802 A-B	126RA1P	413+00	1	18"	51	Repair or replace pipe sections to 16 LF upstream of outfall A. Seal separated joints. Clear debris from blind junction B.
EP-2802 D-C	126RA1P	413+00	1	18"	7	Clear all debris.
EP-2803 A-B	126RA1P	418+60	1	18"	61	Clear all debris. Repair & seal separated joints.
EP-2803 B-C	126RA1P	418+60	1	18"	59	Clear all debris. Repair or replace pipe sections adjacent separated joint at 12 LF downstream of blind junction B.
EC-2901	I26RA1P	429+45	1	10' x 10'	175	Repair or seal cracking.
EP-4801 A-B	I26RPBD2	4395+04	1	48"	44	None.
EP-4801 B-C	I26RPBD2	4395+08	1	48"	73	None.
EP-4801 C-D	I26RPBD2	4395+13	1	48"	62	None.
EP-4802	126P	21+40	1	36"	212	Slip line or Replace existing pipe. Repair separated joint and backfill undermining of pipe 118 LF south of entrance.
EP-4803 A-B	I26RPBD2	4390+80	1	24"	42	Clear all debris. Seal offset joints.
EP-4803 B-C	I26RPBD2	4390+82	1	24"	80	Seal separated joints at 9 LF and 49 LF downstream of inlet B.
EP-4803 C-D	I26RPBD2	4390+85	1	24"	115	Seal separated joints at 1 LF, 95 LF, and 111 LF downstream of inlet C. Repair or replace pipe section adjacent joint at 115 LF downstream of inlet C.
EC-4901	126P	29+85	1	5' x 5'	126	None.
EP-4902 B-A (ARROWWOOD)	126P	36+10	1	30"	80	Repair or replace pipe section at 39 LF upstream of inlet B, repair & seal joint at 47 LF upstream of inlet B.
EP-4902 C-B (ARROWWOOD)	126P	35+75	1	30"	44	Clear all debris. Repair or replace pipe sections adjacent joints at 12 LF, 20 LF & 28 LF upstream of inlet C.
EP-4902 C-D (ARROWWOOD)	126P	35+75	1	30"	9	Clear all debris. Repair & seal offset joint at 1 LF downstream of inlet C.
EP-4902 I-H	126P	35+05	1	24"	67	Clear all debris from pipe and from inlet H. Repair or replace pipe sections adjacent joints at 7 LF, 57 LF & 65 LF upstream of inlet I.
EP-4902 I-J	126P	34+80	1	24"	72	Clear all debris.
EP-4902 J-K	126P	34+55	1	24"	3	Clear all debris. Further investigation needed by contractor due to blockage.
EP-4904 A-B	126P	26+15	1	18"	94	Slip line or replace existing pipe.
EP-4904 A-C	126P	26+20	1	18"	70	Slip line or replace existing pipe.
EP-5001	126P	38+40	1	18"	203	Slip line or replace existing pipe.
EP-5002 A-B	126P	51+15	1	18"	71	Slip line or replace existing pipe.
EP-5002 B-C	126P	51+15	1	18"	56	None.
EP-5002 C-D	126P	51+15	1	18"	56	None.
EC-5101	126P	58+25	1	8' x 6' / 5' x 5'	483	Repair or seal cracking.
EP-5102 A-B	126P	63+15	1	60"	49	Grout and seal lifting holes.
EP-5102 B-C	126P	63+15	1	60"	21	Clear all debris. Grout and seal lifting holes. Further investigation needed by contractor due to blockage.
EP-5102 D-C	126P	63+15	1	60"	111	Clear all debris. Grout and seal lifting holes. Repair / seal joints at 32.7 LF & 42.1 LF upstream of inlet D.
EP-5102 D-E	126P	63+15	1	60"	50	Grout and seal lifting holes. Seal joints at 29 LF downstream of inlet D.