Appendix C

Alternative 1 (modified) Jurisdictional Feature Impact Areas
Tables 16-18 show impacts to jurisdictional features in Impact Areas.

Alternative 1 (modified) Jurisdictional Feature Impact Areas

Tables 16-18 show impacts to jurisdictional features in Impact Areas.

Table 16: Alternative 1 (modified) Stream Impact Areas

Stream ID (per 2019 NRTR)	Impact (linear feet)	Stream Name	Classification	Best Use Classification	Bankfull Width (ft)	Depth (in)	
Impact Area	Impact Area B						
SS	129	UT to Rocky River	Perennial	С	6	1-6	
ST	315	UT to Rocky River	Perennial	С	4-8	6-12	
Impact Area	Impact Area C						
SR	375	UT to Rocky River	Intermittent/Perennial	С	3	0-6	
Impact Area	D						
SBA	188	UT to Rocky River	Perennial	С	10-12	1-18	
Impact Area G							
SQ	164	UT to Coddle Creek	Intermittent	С	5-6	6	
Impact Areas J/L							
SPC	114	UT to Afton Run	Intermittent/Perennial	С	4	2-4	
Impact Area	N						
SCA	202	UT to Afton Run	Intermittent	С	2	0-6	
Impact Area O							
SPE	162	UT to Irish Buffalo Creek	Perennial	С	15-20	3-6	
Impact Area	Р						
SBY	28	UT to Irish Buffalo	Intermittent	С	2-3	0-2	
Impact Area Q							
SBZ	40	UT to Irish Buffalo	Intermittent	С	2-4	0-4	
Impact Area	Impact Area S						
SDA	442	UT to Irish Buffalo Creek	Intermittent/Perennial	С	2-3	1-3	
SCF	184	UT to Irish Buffalo Creek	Perennial	С	8-10	1-3	

Table 16: Alternative 1 (modified) Stream Impact Areas (continued)

Stream ID (per 2019 NRTR)	Impact (linear feet)	Stream Name	Classification	Best Use Classification	Bankfull Width (ft)	Depth (in)
Impact Area U						
SDC	5	UT to Irish Buffalo Creek	Perennial	С	4-6	2-4
SCH	203	UT to Irish Buffalo Creek	Perennial	С	5-7	6-18
SHW	136	UT to Irish Buffalo Creek	Intermittent	С	3-4	1-4
Total	2,687					

Table 17: Alternative 1 (modified) Open Water Impact Areas

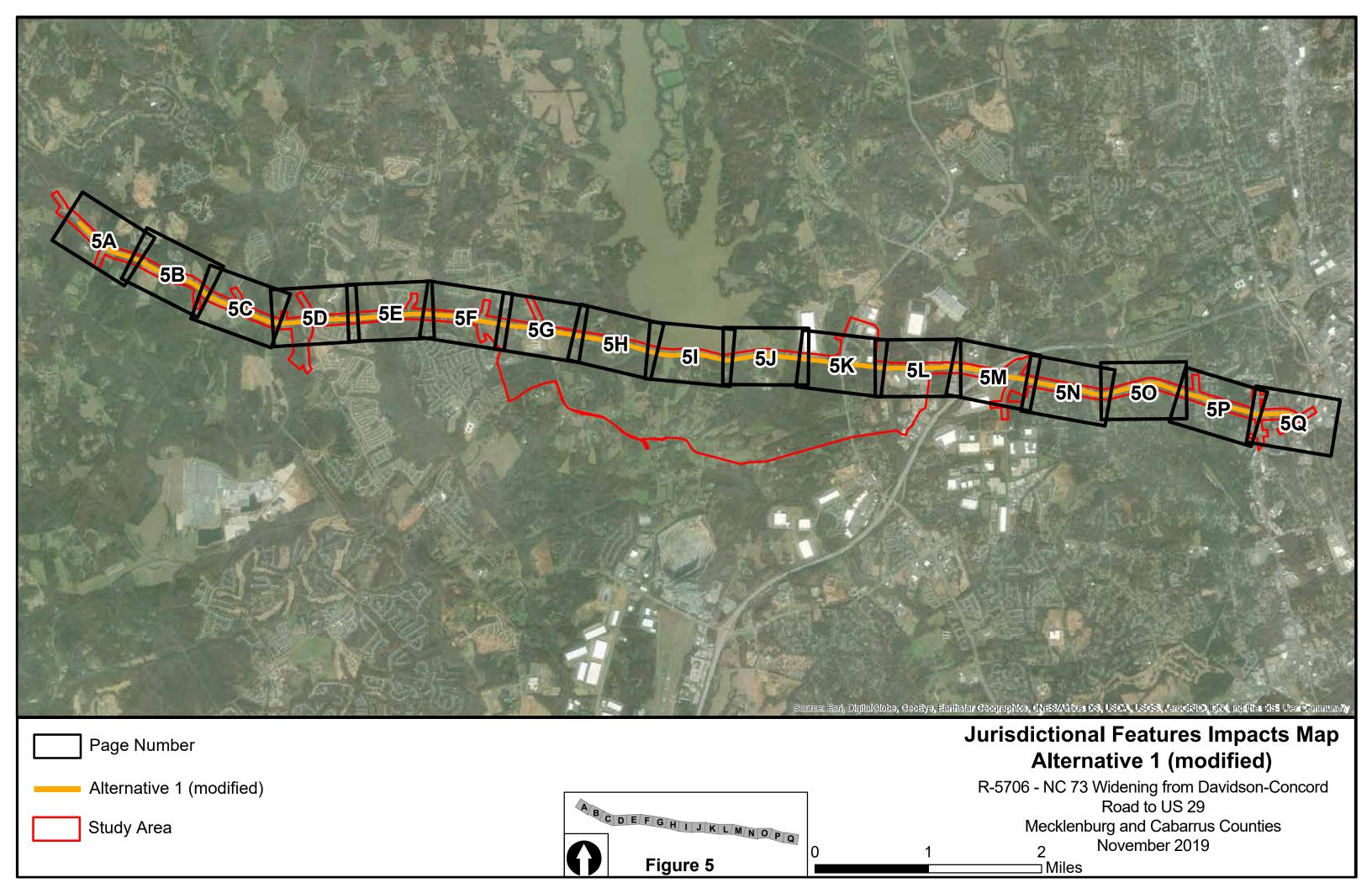
Open Water ID (per 2019 NRTR)	Impact (acres)
Impact Area E	
OWB	0.05
Impact Area F	
Coddle Creek Reservoir	0.28
Total	0.33

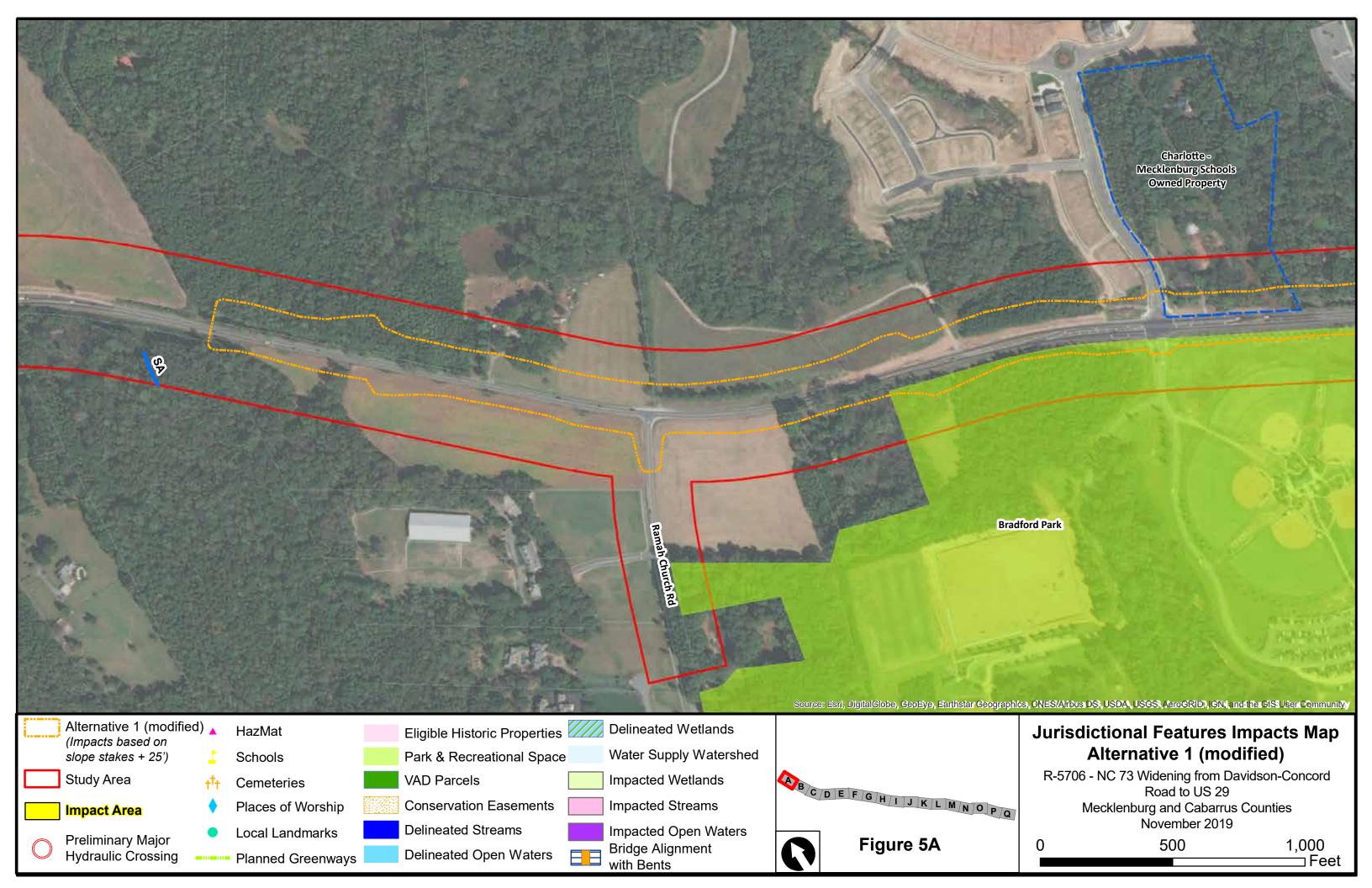
Table 18: Alternative 1 (modified) Wetland Impact Areas

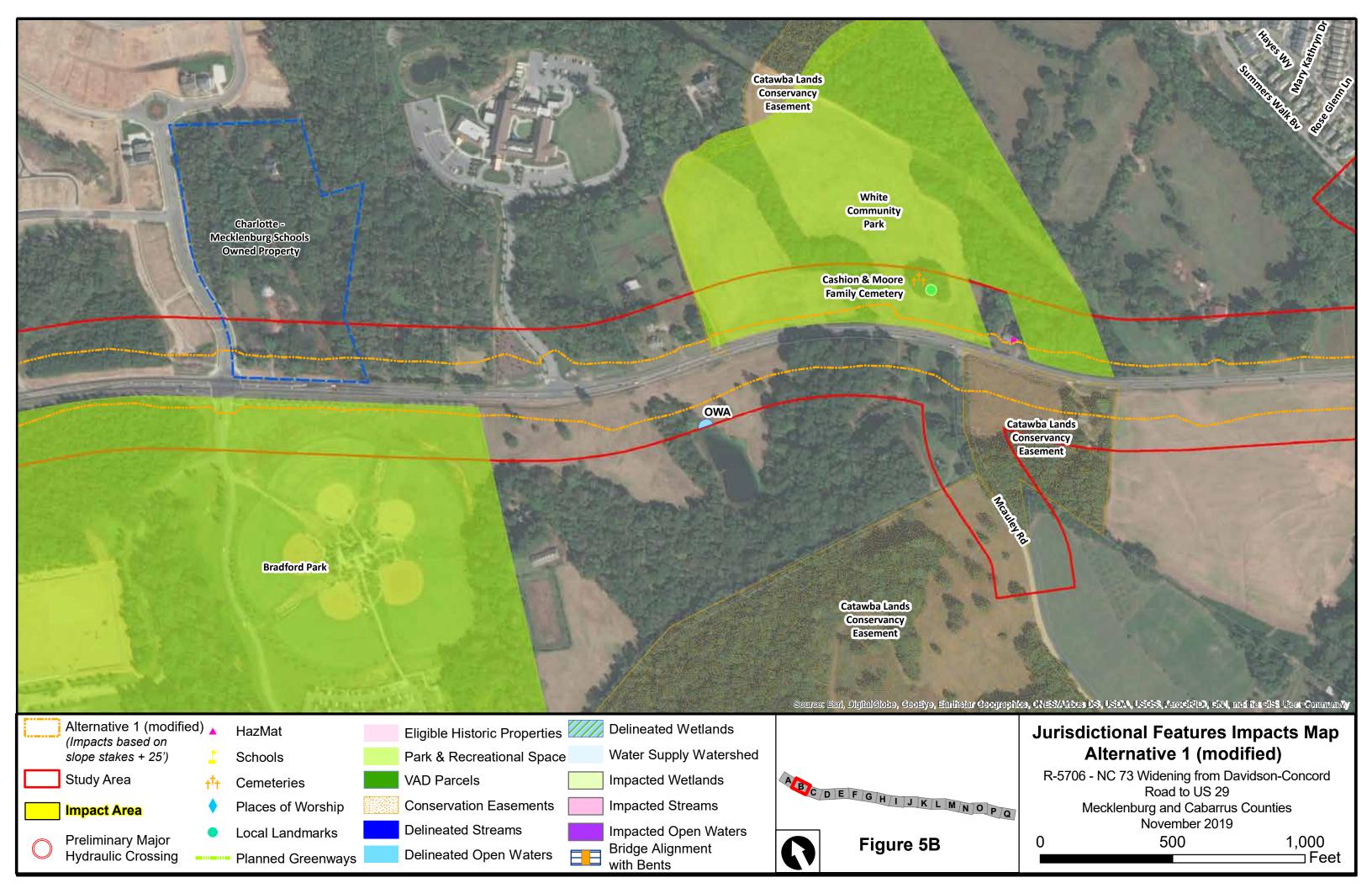
Wetland ID (per 2019 NRTR)	Impact (acres)	NC WAM Classification	NC WAM Rating	Hydrologic Classification			
Impact Area A							
WO	0.11	Headwater Forest	High	Riparian			
WG 0.08		Headwater Forest	Low	Riparian			
Impact Area B	Impact Area B						
WM	0.23	Riverine Swamp Forest	WM-1 High	Riparian			
Impact Area C	Impact Area C						
WI	0.08	Bottomland Hardwood Forest	Medium	Riparian			
Impact Area G							
WZC	0.01	Headwater Forest	High	Riparian			
Impact Area H							
WAV	0.04	Headwater Forest	Low	Riparian			
Impact Area I	Impact Area I						
WCA	0.03	Headwater Forest	Low	Riparian			
Impact Area K							
WPH-2	< 0.01	Headwater Forest	Low	Riparian			
Impact Area L							
WPG-2	< 0.01	Basin Wetland	Low	Riparian			
Impact Area M							
WPC-2	0.02	Bottomland Hardwood Forest	Medium	Riparian			
Impact Area Q							
WDD-2	< 0.01	Headwater Forest	High	Riparian			
Impact Area R							
WDF	0.01	Basin Wetland	Medium	Non-Riparian			
Impact Area T							
WPA-2	0.01	Headwater Forest	Low	Riparian			
Total	0.62						

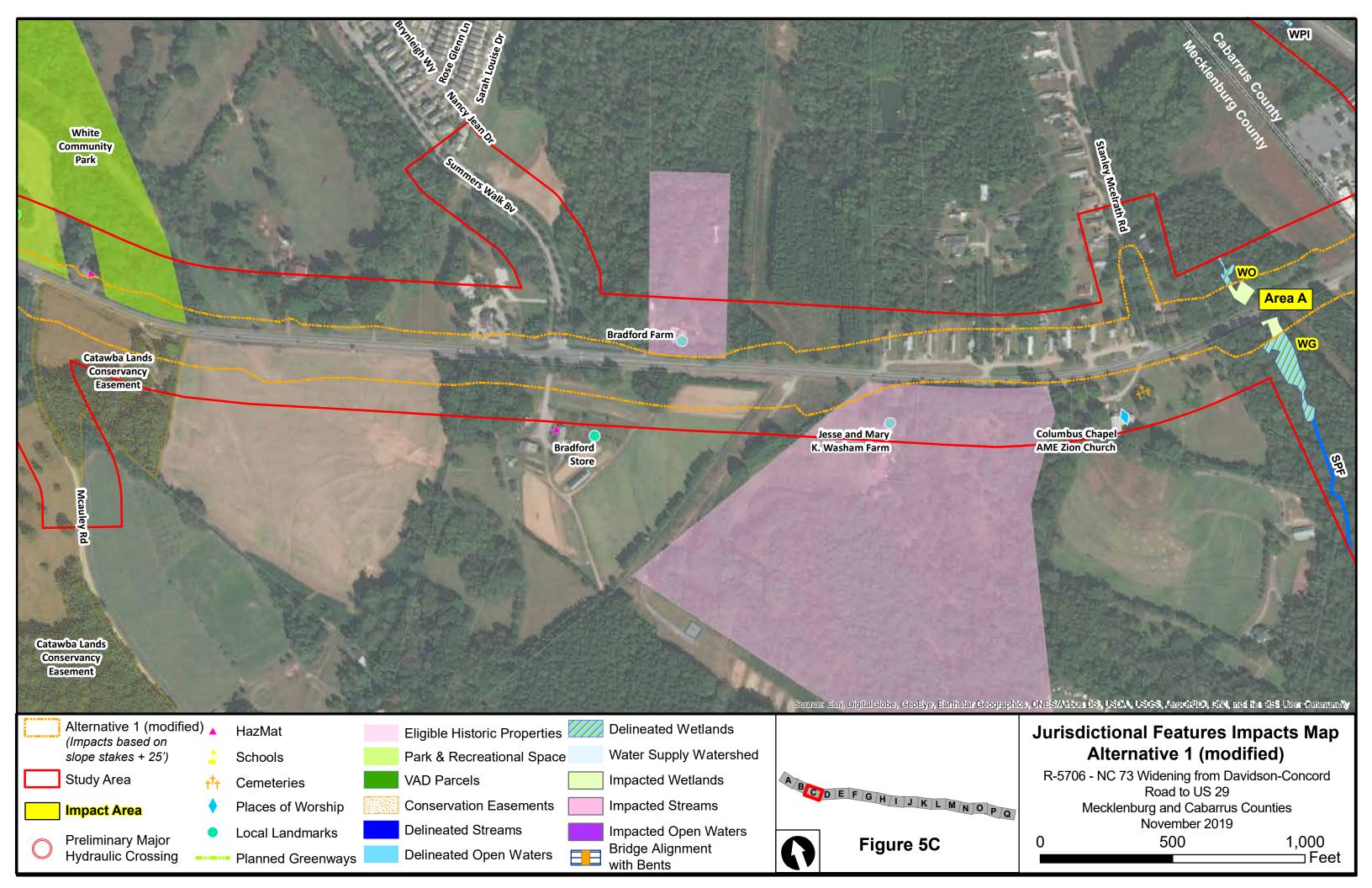
Appendix D

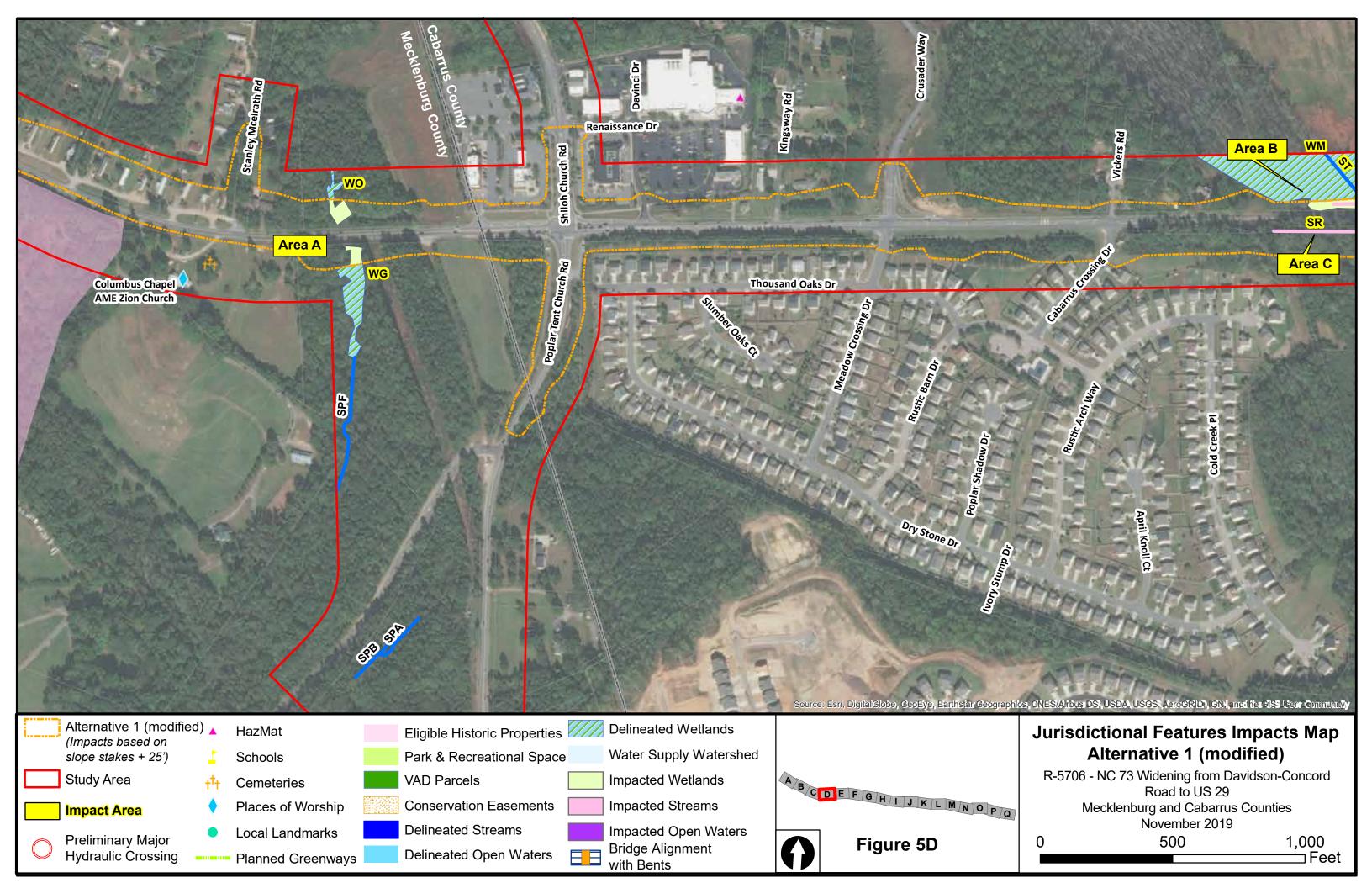
Alternative 1 (modified) Jurisdictional Features Impact Maps and Photos







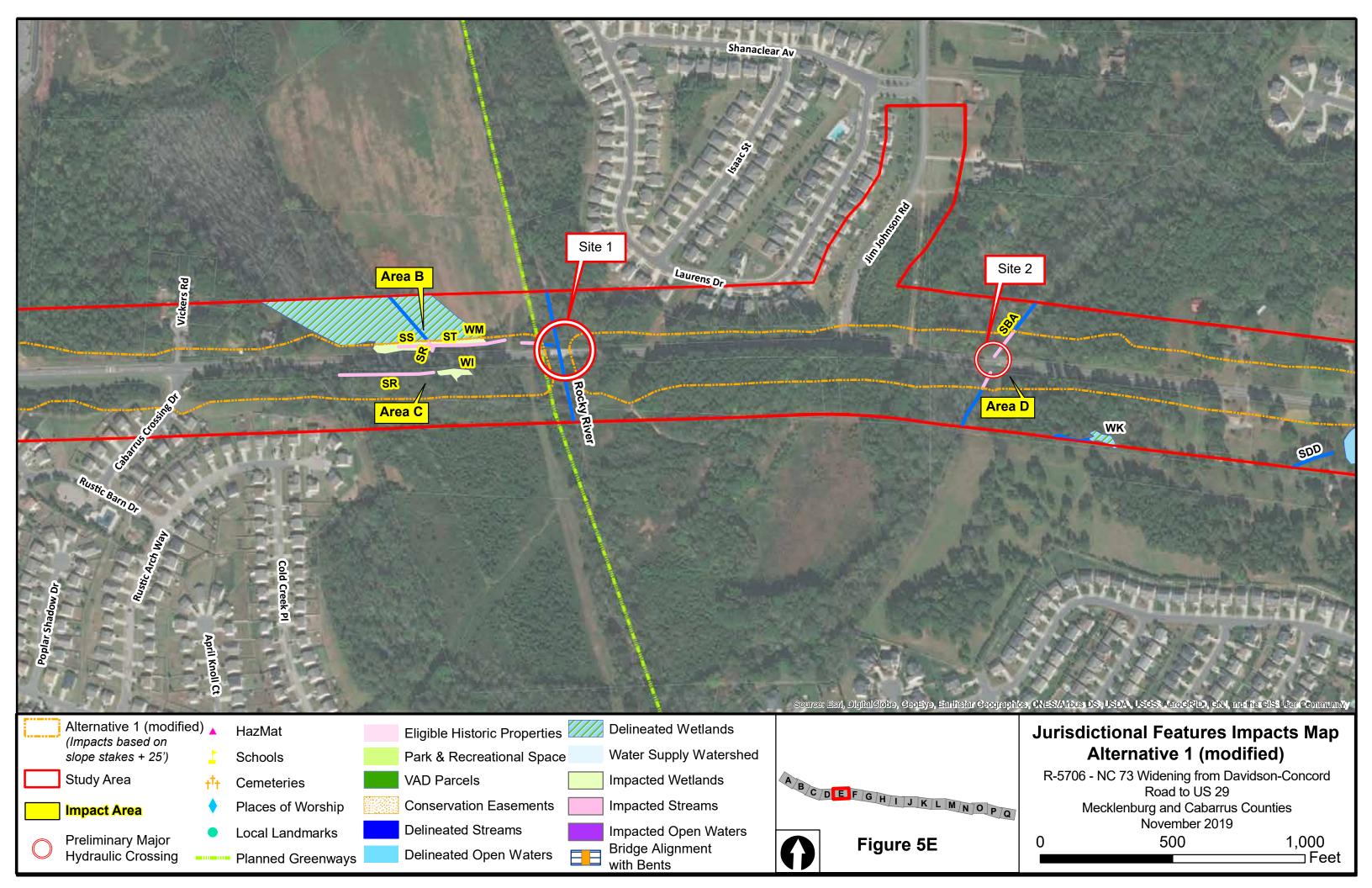




Area A







Area B





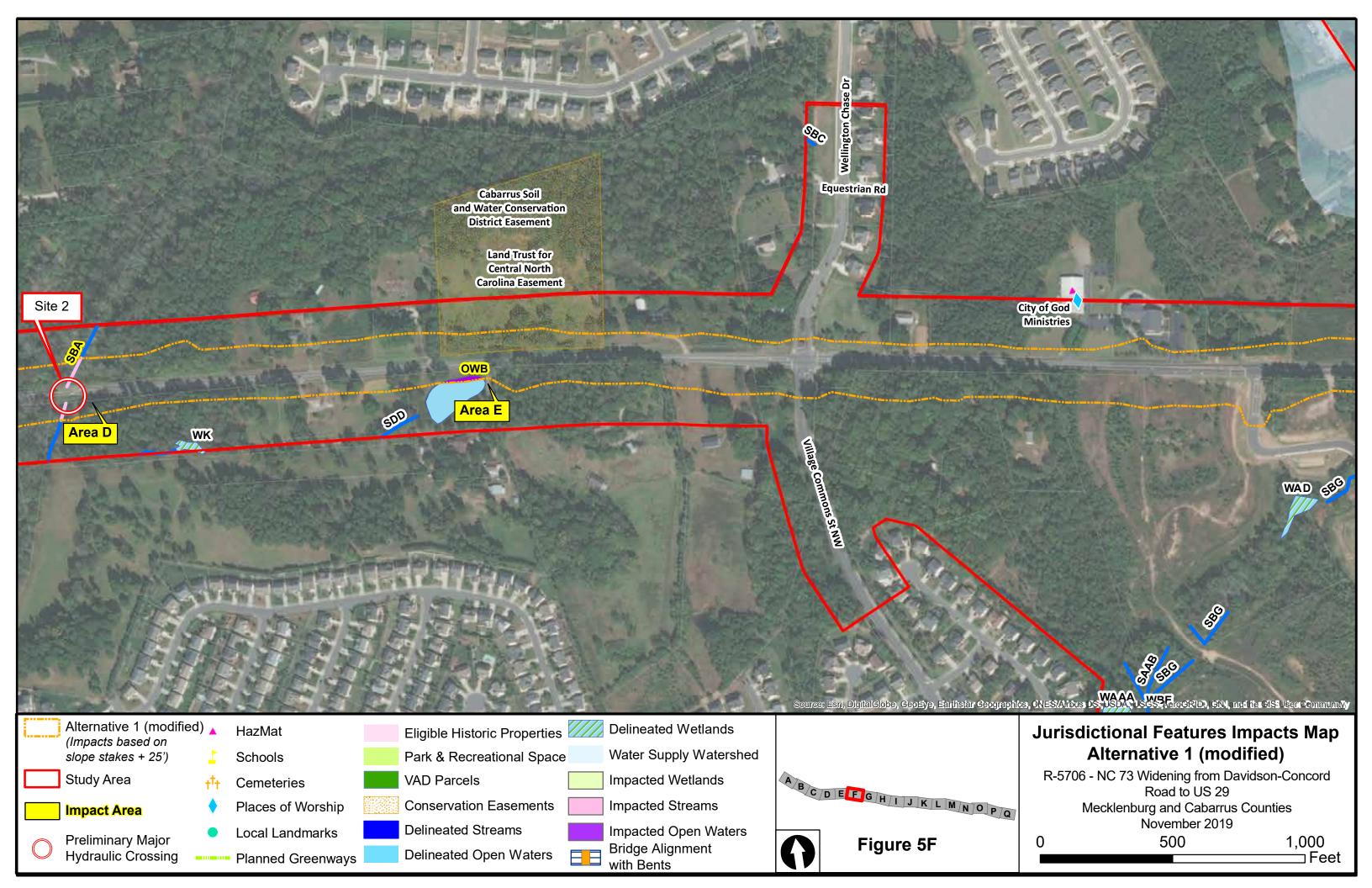




Major Hydraulic Crossing Site 1



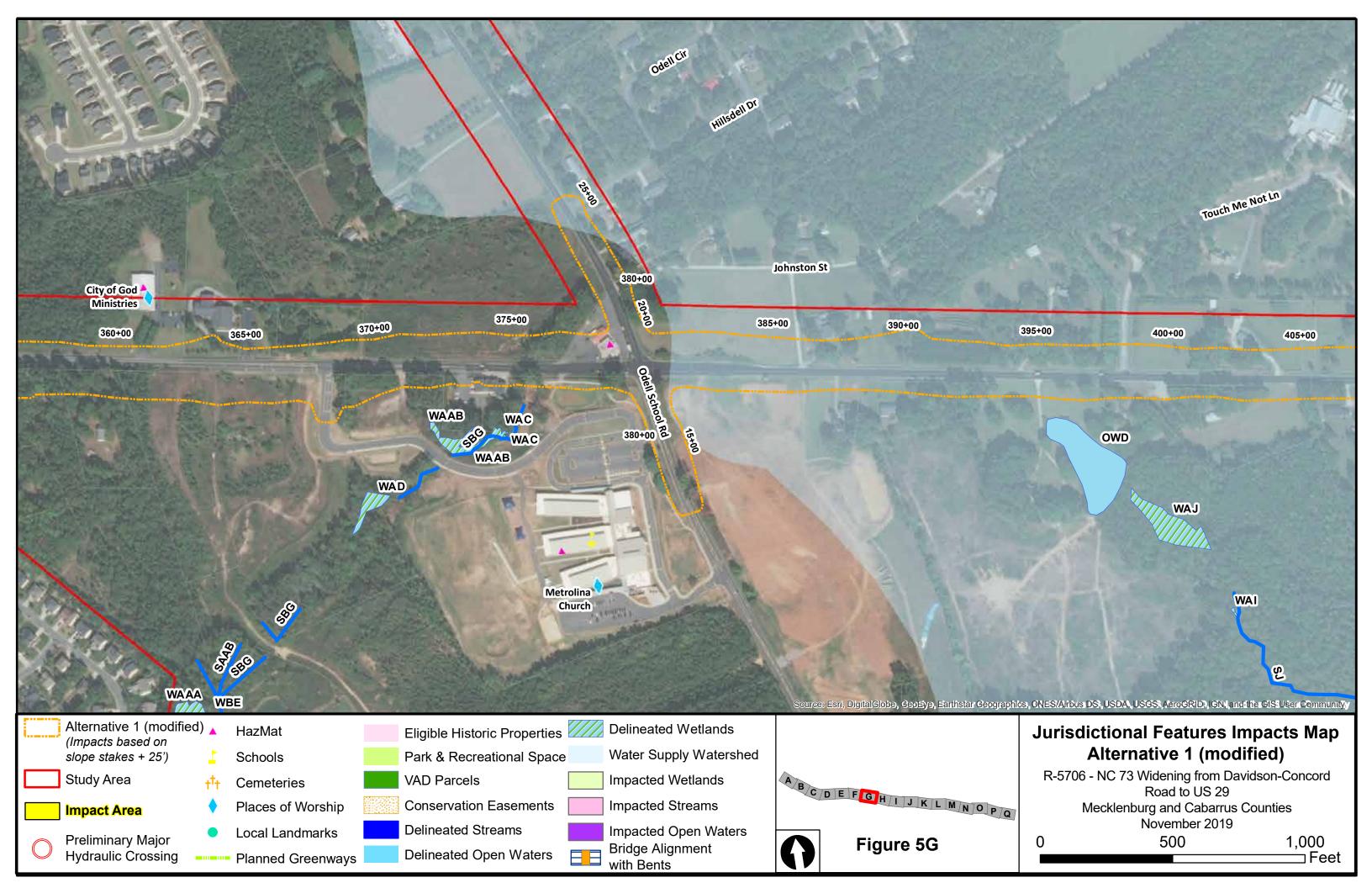


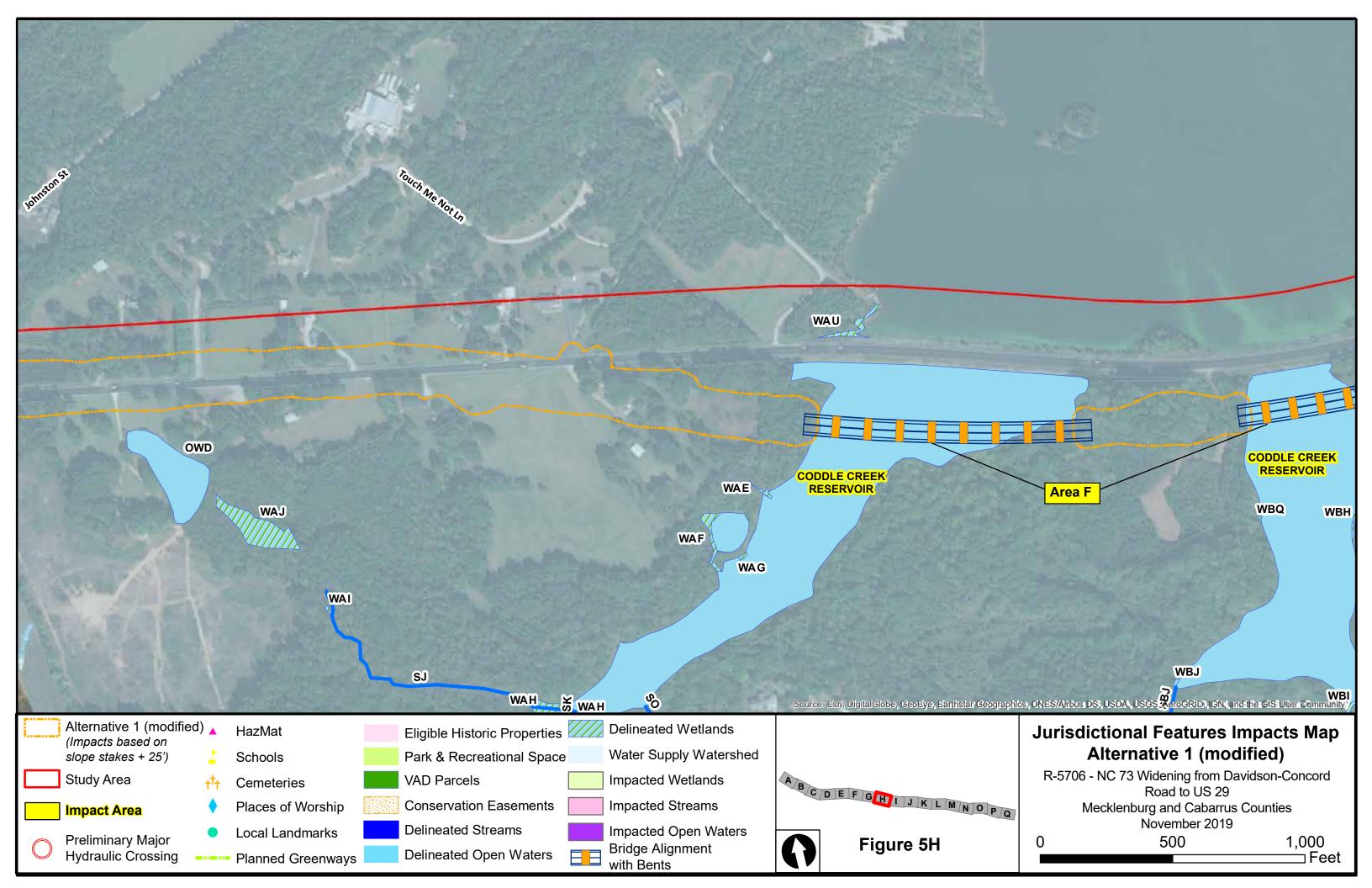


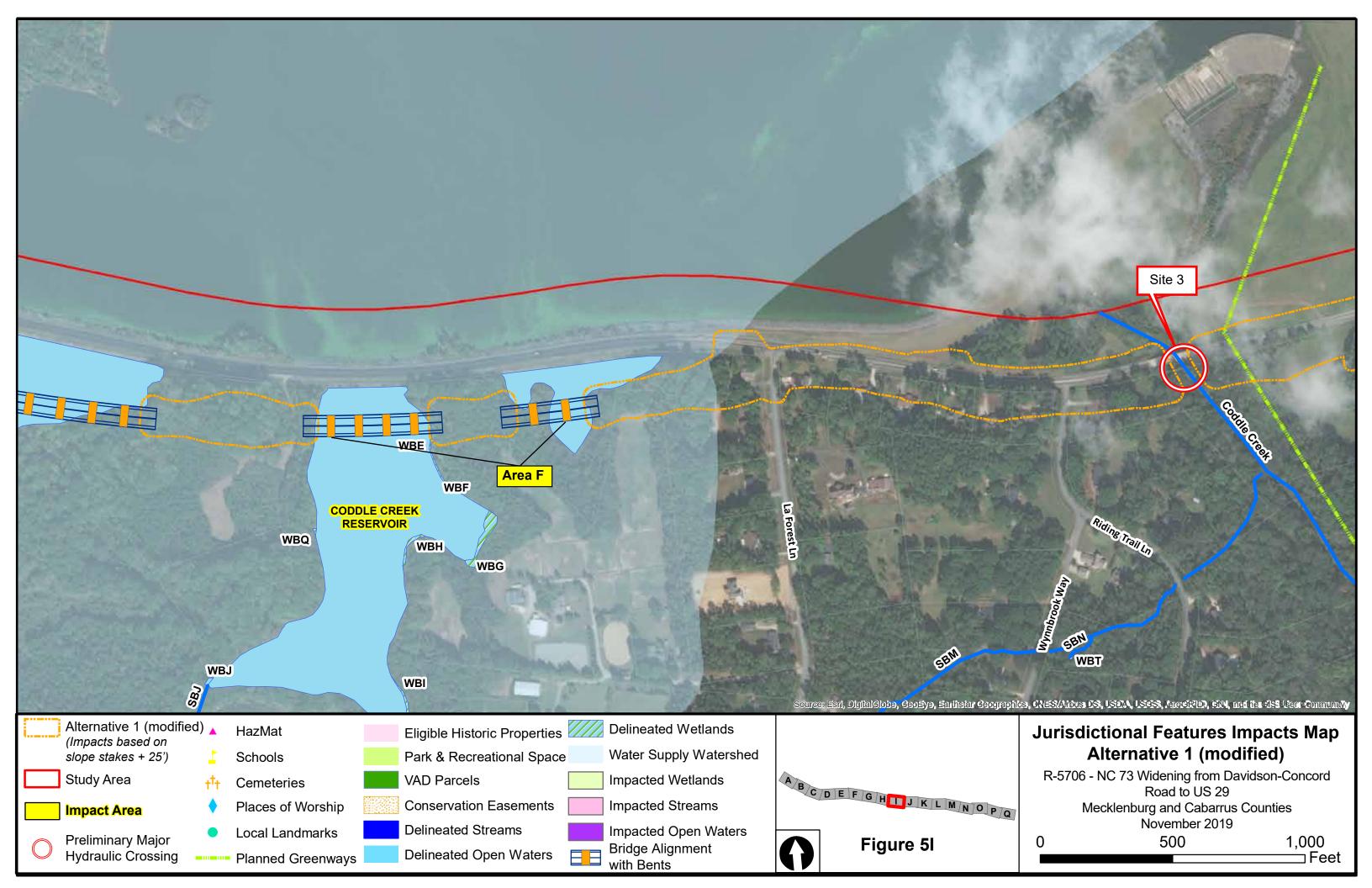
Area D / Major Hydraulic Crossing Site 2









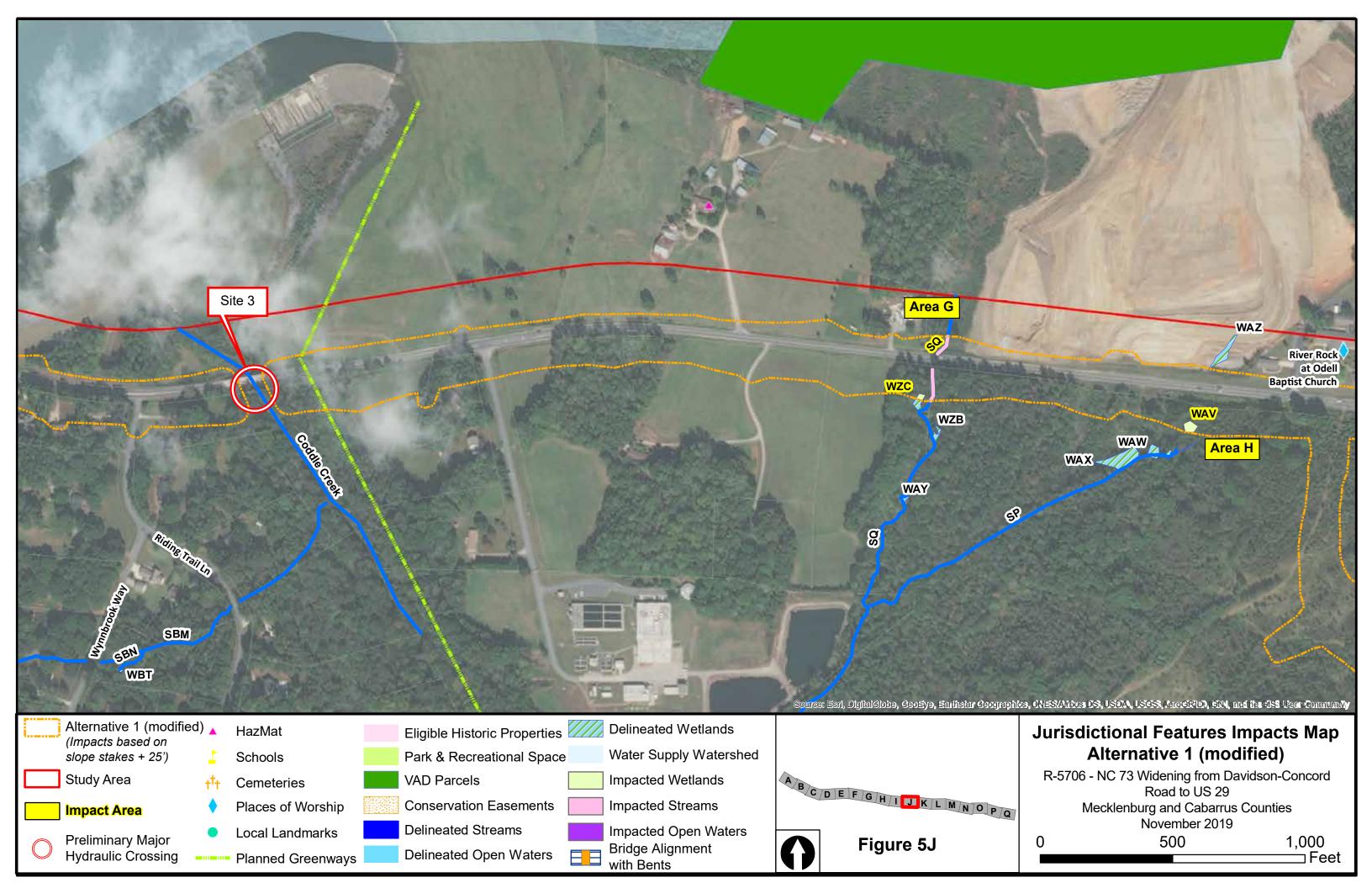


Area F





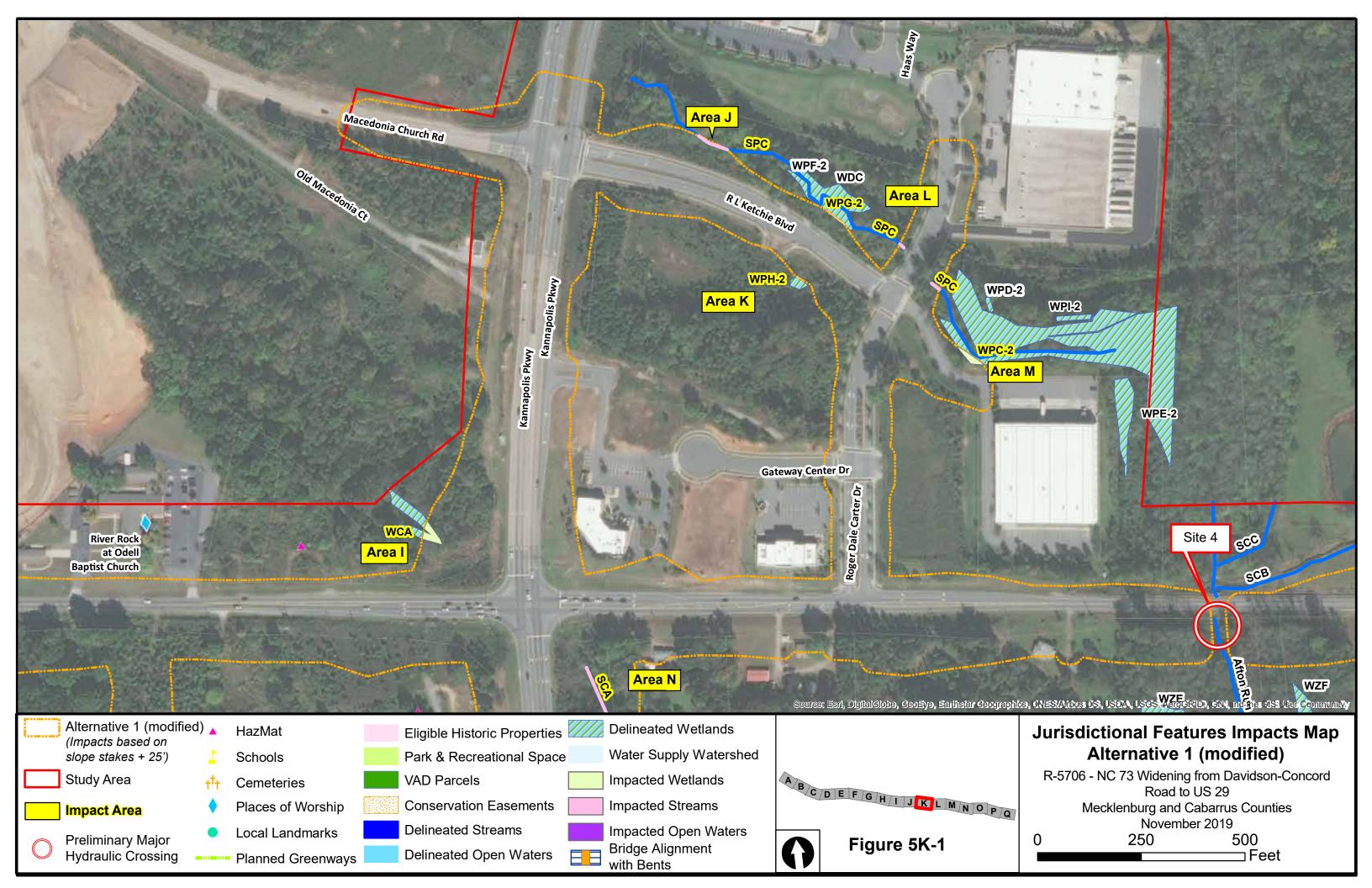


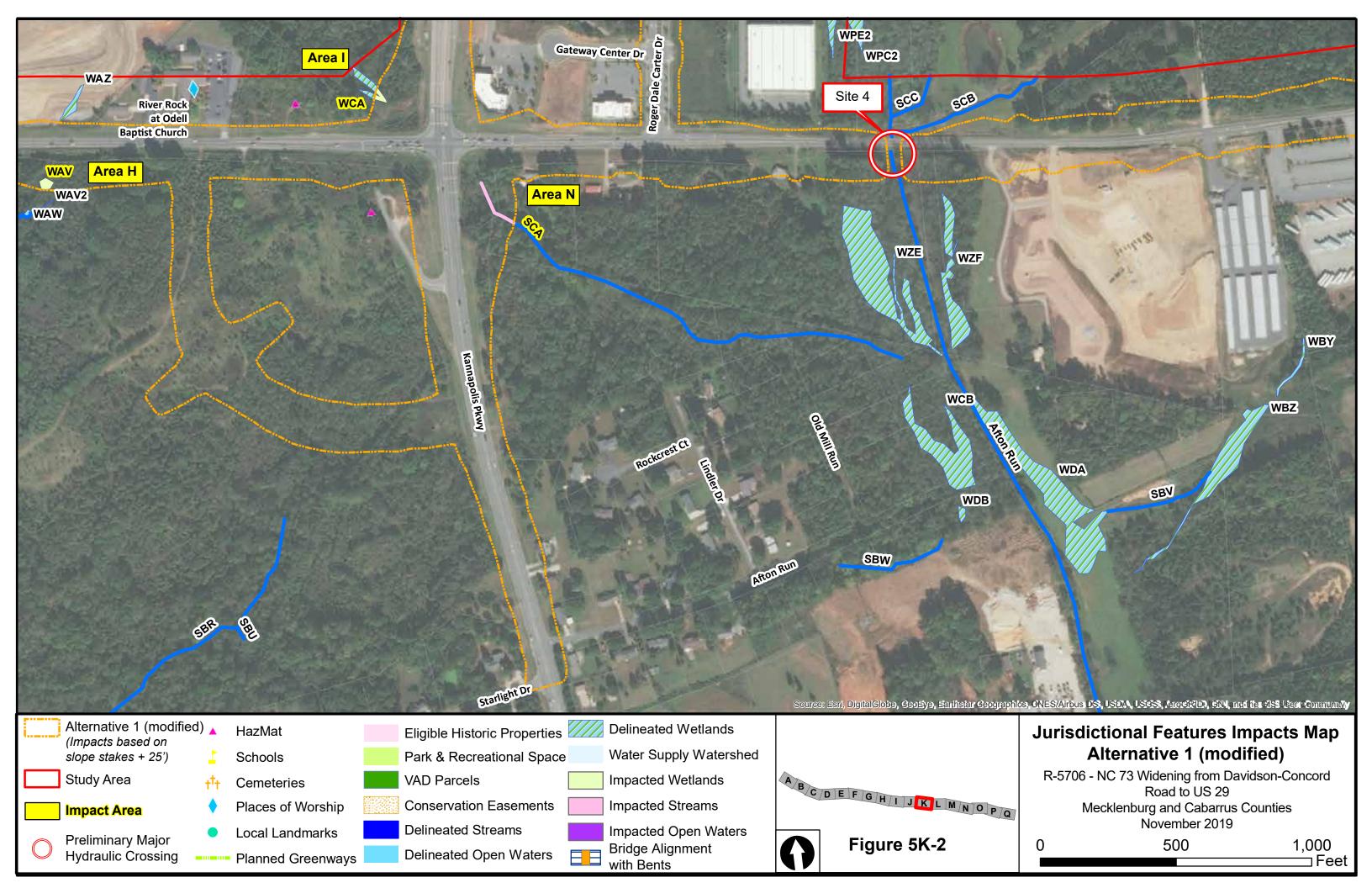


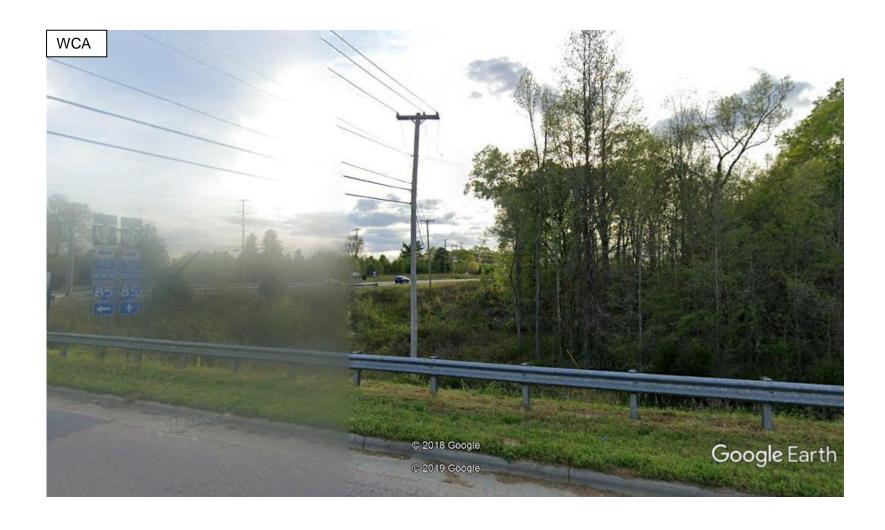






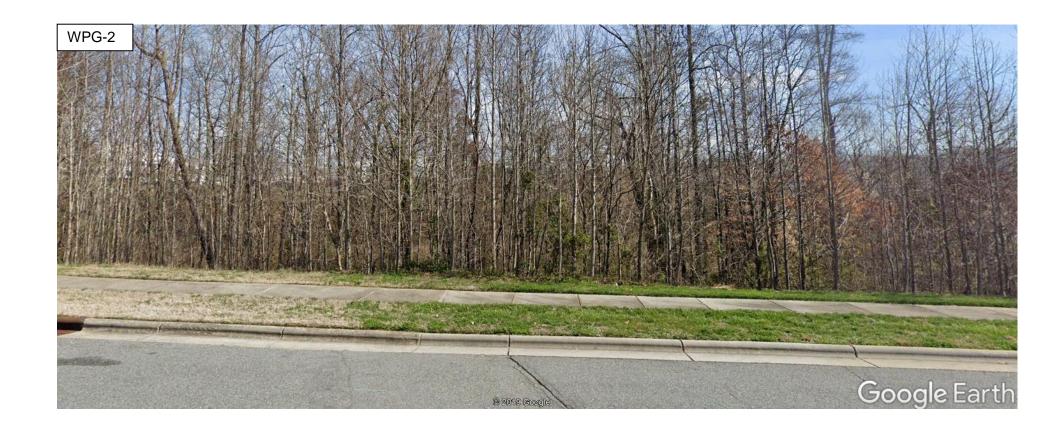


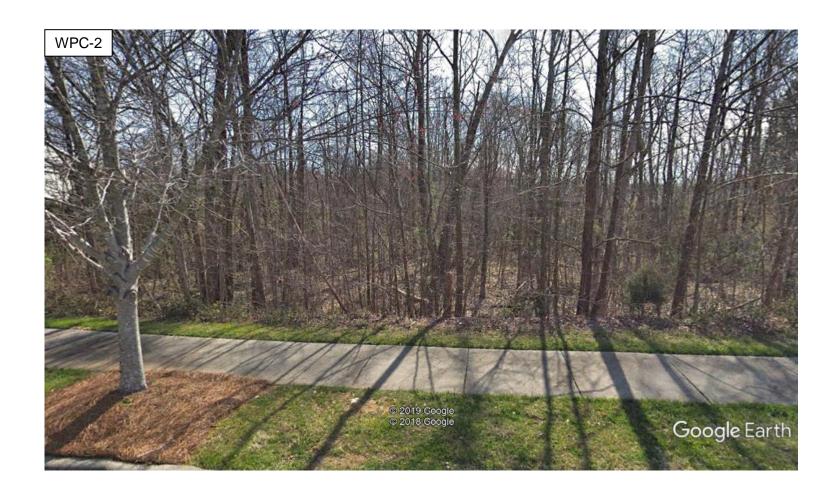






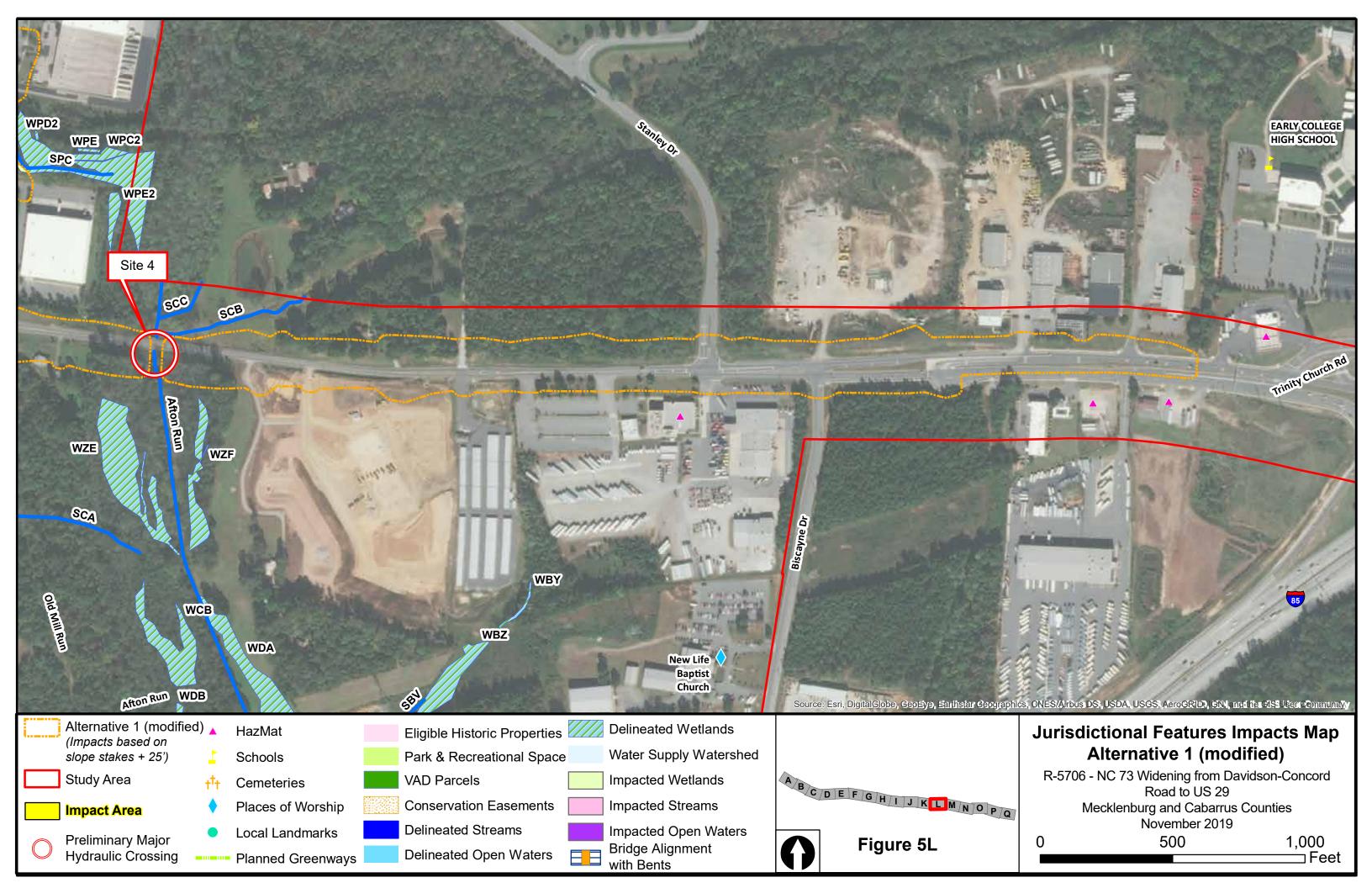




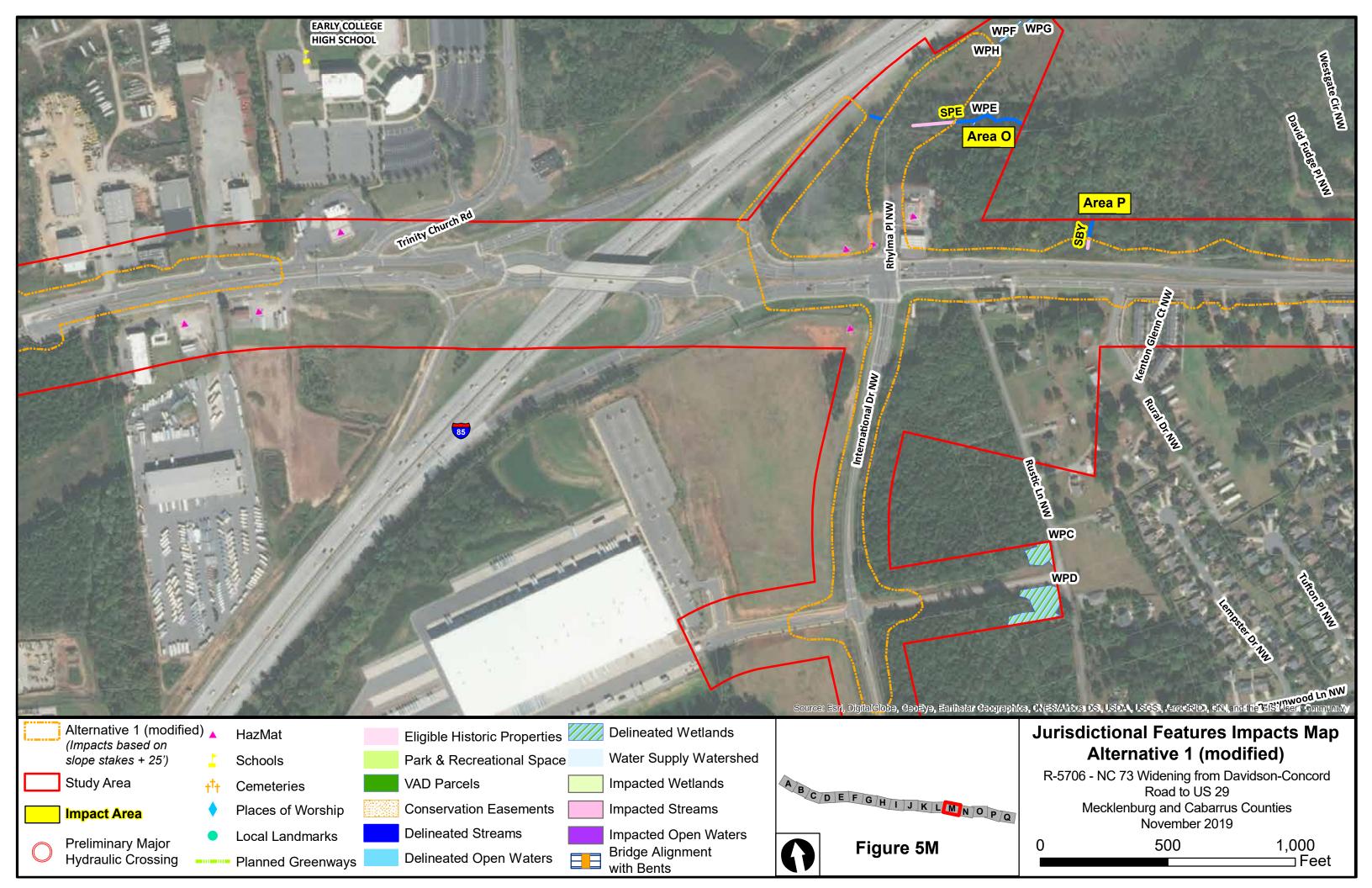


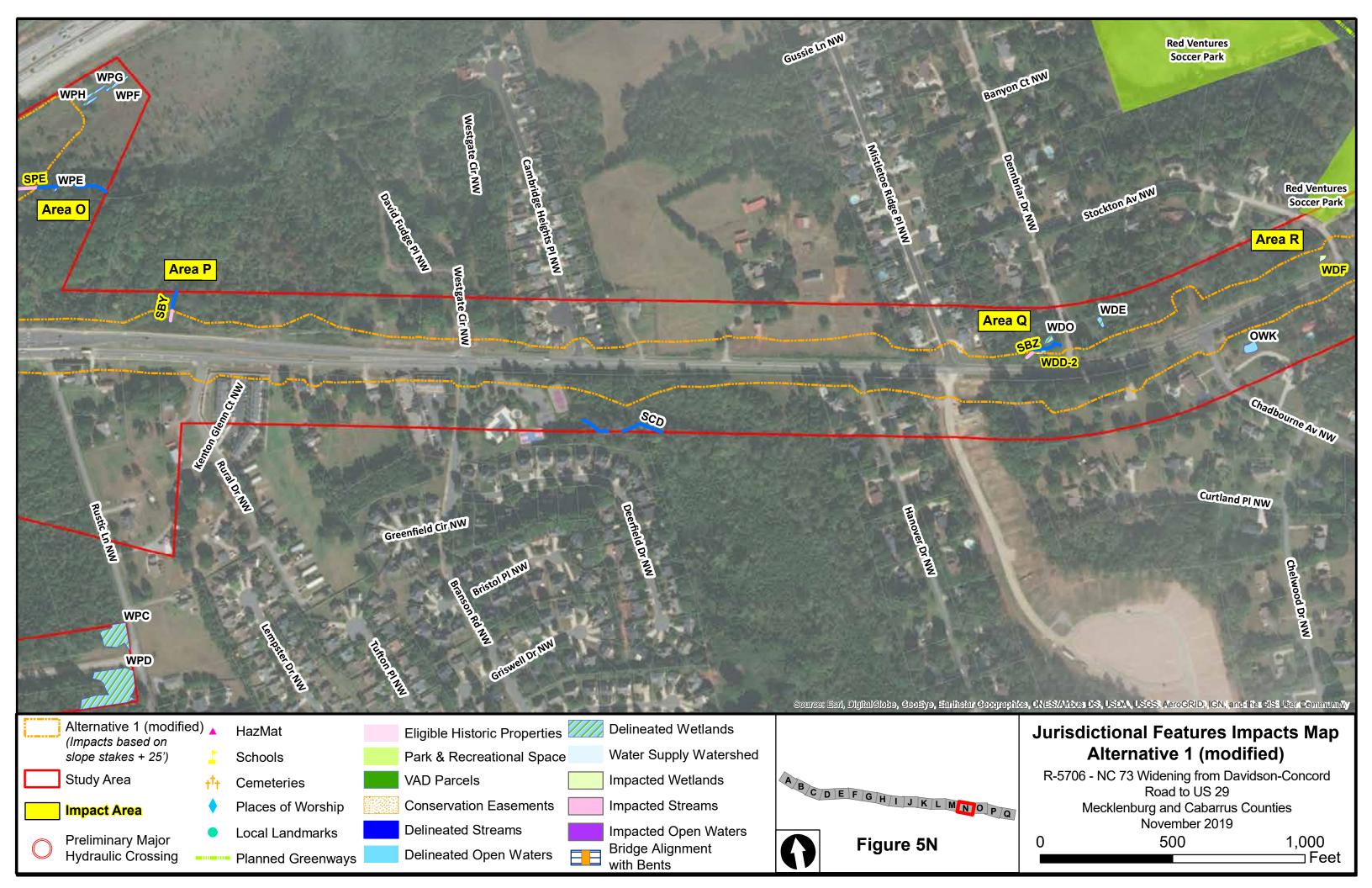














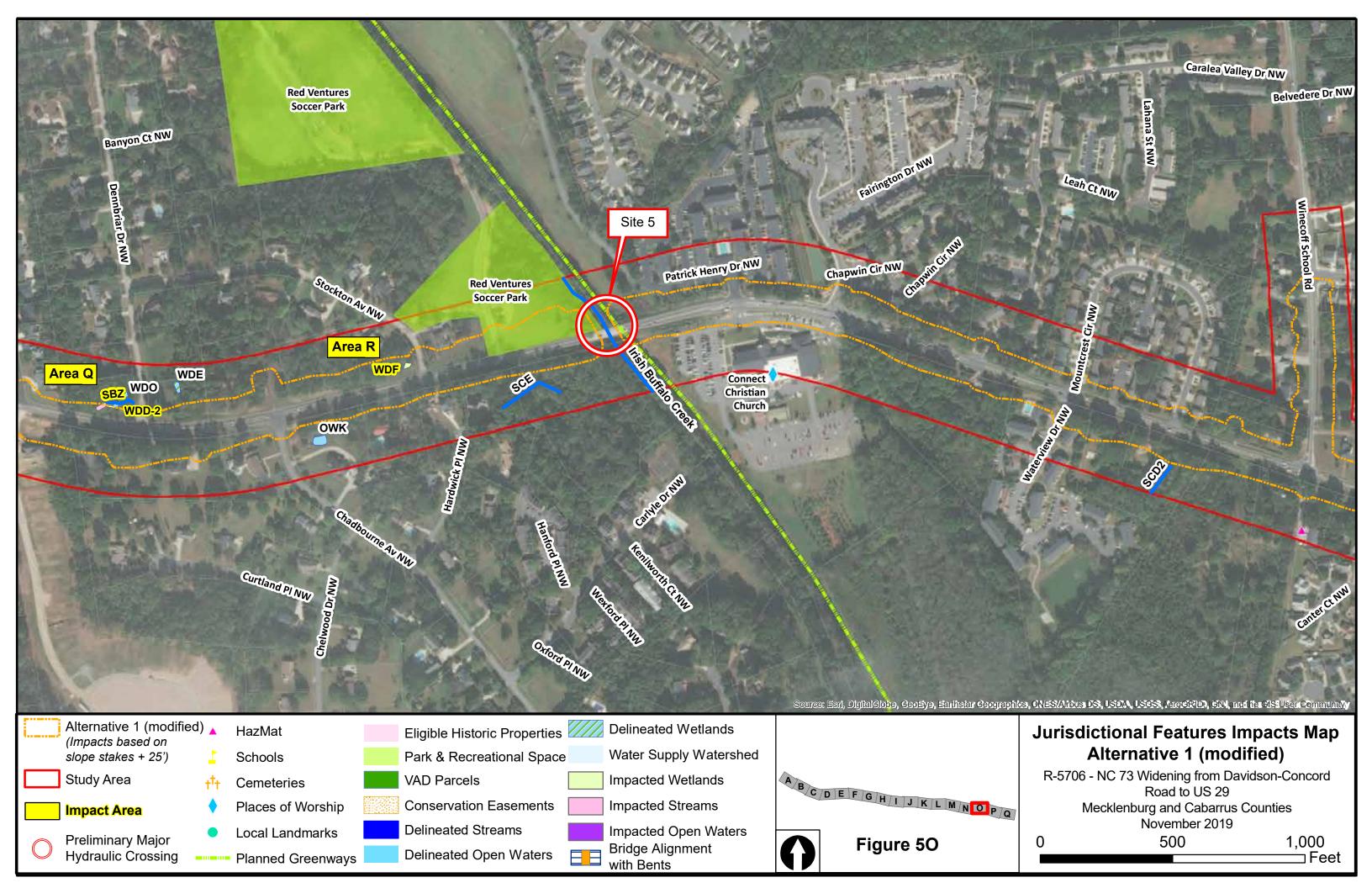


Area Q

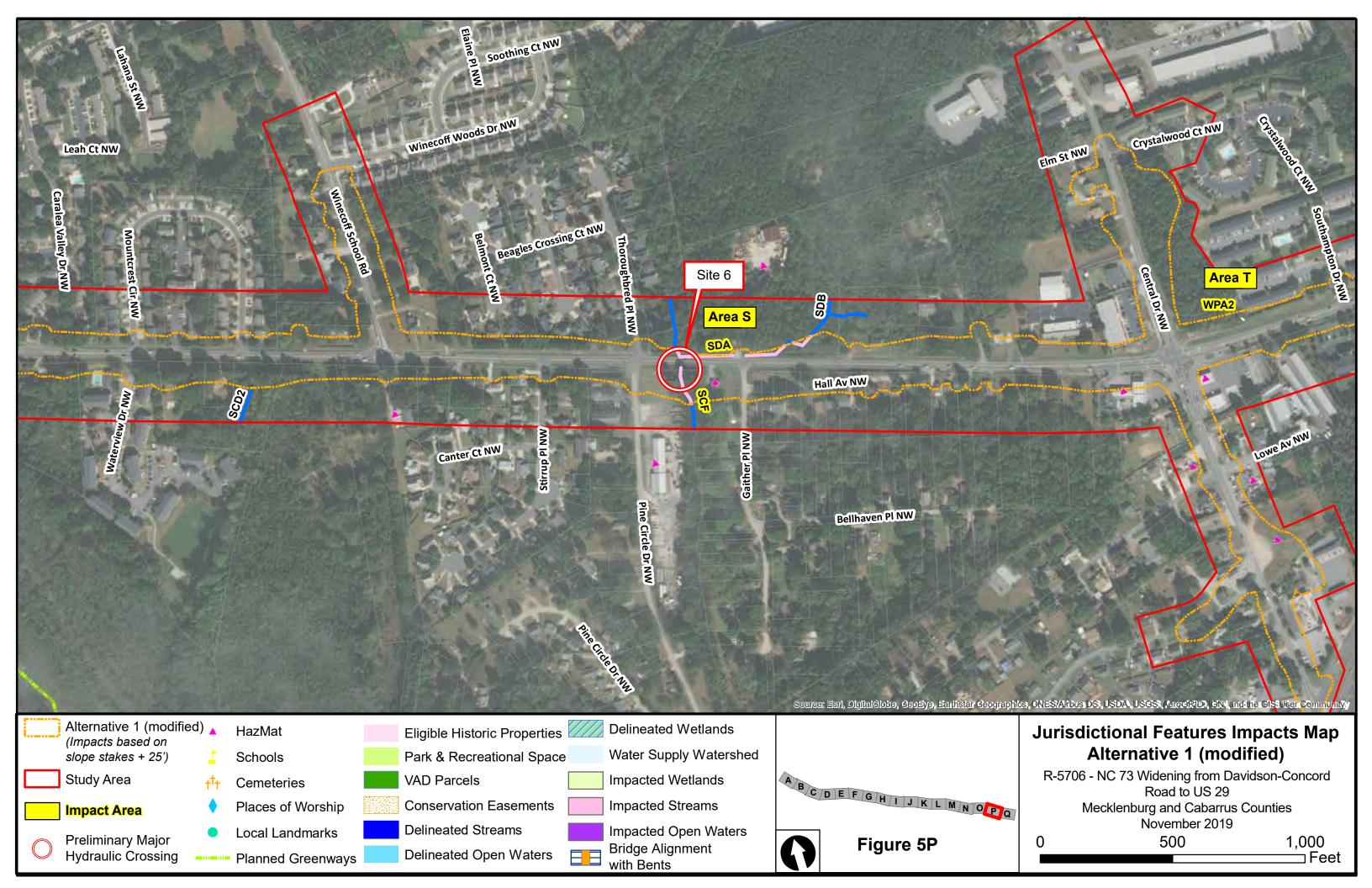










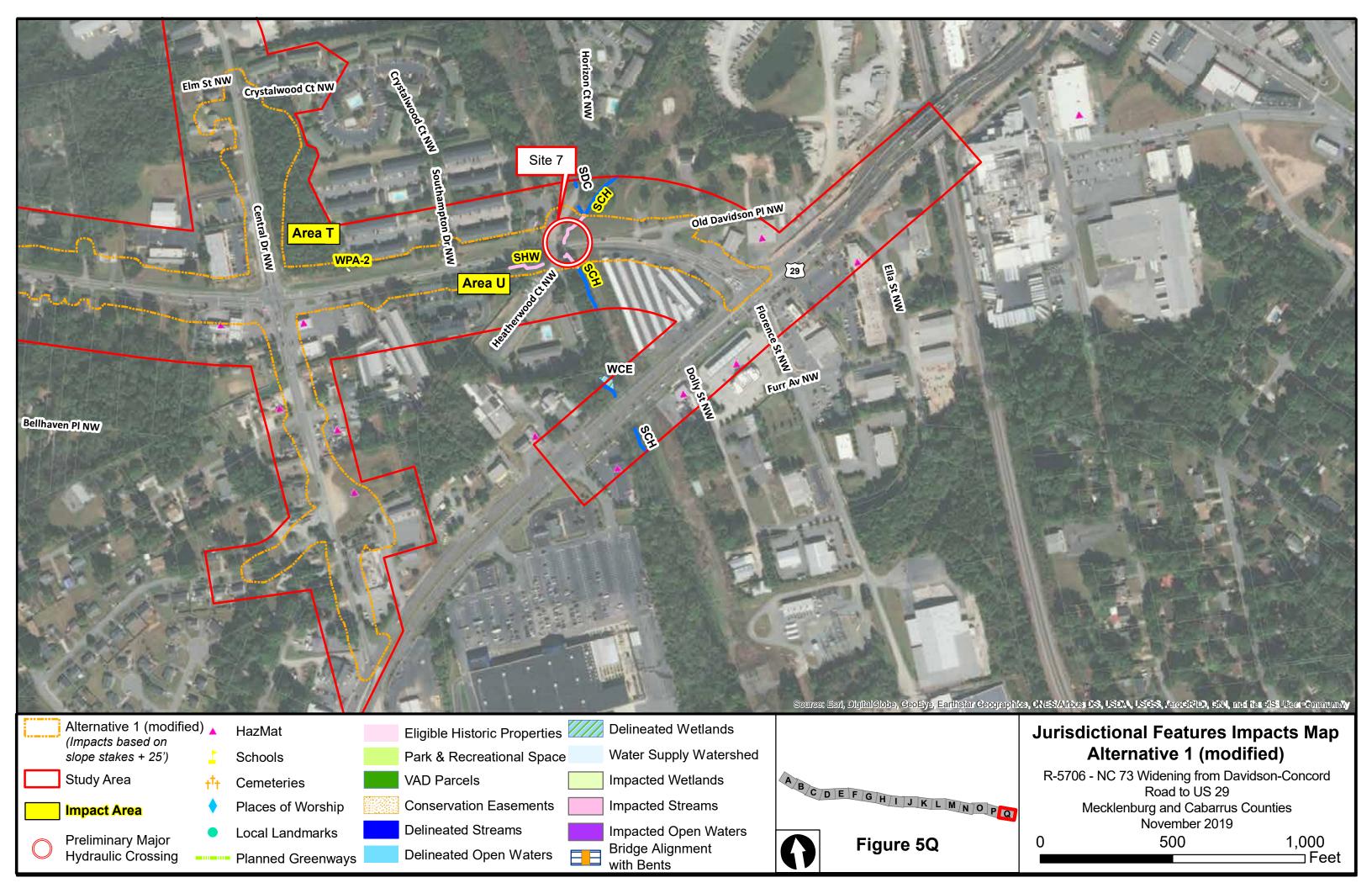


Area S / Major Hydraulic Crossing Site 6











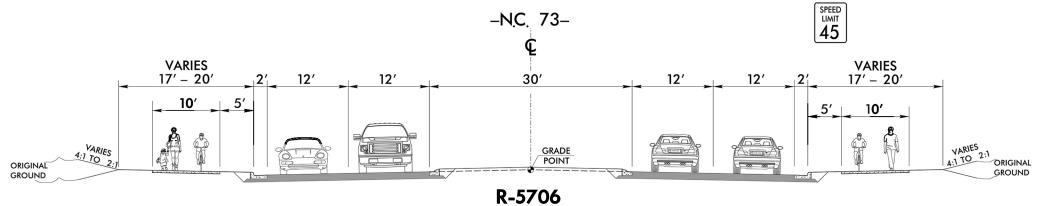




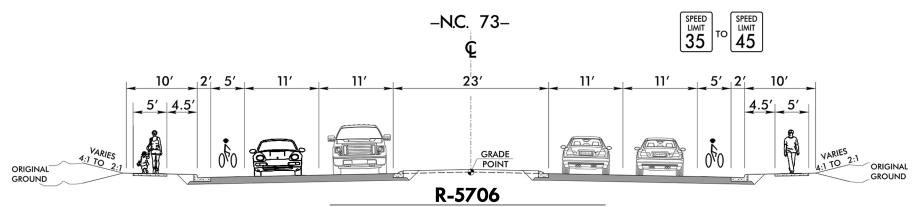


Appendix E

Typical Sections



DAVIDSON-CONCORD ROAD TO I-85



I-85 TO U.S. 29 (CONCORD PARKWAY NORTH)