WATERS REPORT

Complete 540 - Triangle Expressway Southeast Extension
Wake and Johnston Counties, North Carolina

TIP R-2721, R-2828, and R-2829
Federal Aid Project Nos. STP-0540(19), STP-0540(20), and STP-0540(21)
WBS Element Nos. 37673.1.TA2, 35516.1.TA2, and 35517.1.TA1

THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Project Development and Environmental Analysis Branch
Natural Environment Section
1578 Mail Service Center
Raleigh, NC 27699-1578

September 2014

SUMMARY

The North Carolina Department of Transportation (NCDOT), in cooperation with the Federal Highway Administration (FHWA), proposes transportation improvements in the project study area (Figure 1) and surrounding region to address transportation needs as defined in the project's Purpose and Need Statement (Lochner, 2011). The focus of these improvements includes the potential extension of the Triangle Expressway (NC 540) from NC 55 Bypass in Apex to the US 64/US 264 Bypass in Knightdale. This project is designated as three projects in the NCDOT 2012-2018 State Transportation Improvement Program (STIP): R-2721, R-2828, and R-2829. Together, these STIP projects would combine to complete the 540 Outer Loop around the Raleigh metropolitan area. In some instances for the ease of discussing the project, the project is referred to as having two sections: The project is anticipated to be constructed in two phases: Phase I (Southern Section) would be between NC 55 Bypass near Holly Springs and I-40 near the Wake/Johnston County line; Phase II (Eastern Section) would be between I-40 and US 64/US 264 Bypass in Knightdale. NCDOT established a protected corridor for Phase I of the project in 1996 and 1997. For purposes of meeting the requirements of the National Environmental Policy Act (NEPA), both sections are being examined in the current study as a single and complete project. It is likely that the project would be constructed in phases, but depending on the availability of funding, may or may not be broken into sections as noted. The following Waters Report has been prepared to compile all stream, wetland and pond jurisdictional determinations made in the field by the US Army Corps of Engineers (USACE) and the NC Division of Water Resources (NCDWR).

- Southern Section
  - Orange Corridor
  - Red Corridor
  - Lilac Corridor
  - Purple Corridor
  - Blue Corridor
- Eastern Section
  - Green Corridor
  - Brown Corridor
  - Mint Corridor
  - Tan Corridor
  - Teal Corridor

Field work was conducted January 2010 through August 2011 and new areas investigated June 2013 through June 2014. Jurisdictional areas identified in the study area were verified by Eric Alsmeyer of the U.S. Army Corps of Engineers (USACE) along with Brian Wrenn and Rob Ridings of North Carolina Division of Water Resources (NCDWR). Preliminary jurisdictional determination meetings were held almost monthly between July 2010 through September 2011, February 2013 and March 2013, and September 2013 through July 2014. Following the field meetings, notes were distributed to all in attendance. This report is a culmination of that information with the goal of documenting all jurisdictional features, as well as some features that were identified and deemed non-jurisdictional. Mitigation ratios were not discussed at this time, but will be determined at the time of the final jurisdictional determination.

Four hundred forty-five (445) jurisdictional streams were identified in the study area (Table 1). The location of each water resource is shown in Appendix B (Figures 2-1 through 2-95). Figures in Appendix B also depict some ephemeral features, where requested. All streams in the study area are within Neuse River and Cape Fear River basins (USGS Hydrologic Units 03020201 and

03030004). USACE and NCDWQ stream delineation forms are included in Appendix C. The physical characteristics and water quality designations of each jurisdictional stream are detailed in Table 1 and Appendix C.

Table 1. Characteristics of jurisdictional streams in the study area.

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SA	2-1	68										Intermittent	Yes	Not Subject
SB	2-1	674										Perennial	Yes	Not Subject
SC	2-1	47										Intermittent	Yes	Not Subject
SD	2-1	144										Perennial	Yes	Not Subject
SE	2-1	57										Intermittent	Yes	Not Subject
SF	2-1	1066										Intermittent	Yes	Subject
		215										Perennial	Yes	Subject
SG	2-1	357										Intermittent	Yes	Not Subject
		184										Perennial	Yes	Not Subject
SH	2-1/2-2	3937										Perennial	Yes	Subject
SI	2-1	131										Intermittent	Yes	Not Subject
SJ	2-2	288										Intermittent	Yes	Not Subject
SK	2-2	88										Intermittent	Yes	Subject
		319										Perennial	Yes	Subject
SL	2-2	325										Intermittent	Yes	Not Subject
SM	2-2	594										Perennial	Yes	Subject
SN	2-2	411										Perennial	Yes	Subject
SO	2-2	2360										Perennial	Yes	Subject
SP	2-3	168										Intermittent	Yes	Subject
SQ	2-3	153										Intermittent	Yes	Subject
		1066										Perennial	Yes	Subject
SR	2-3	189										Intermittent	Yes	Subject
SS	2-3	82										Intermittent	Yes	Not Subject
ST	2-3	1448										Perennial	Yes	Subject
SU	2-3	42										Intermittent	Yes	Not Subject
		215										Perennial	Yes	Not Subject
SV	2-3	1138										Perennial	Yes	Subject
SW	2-3	113										Intermittent	Yes	Subject
		144										Perennial	Yes	Subject
SX	2-4/2-5	1583										Perennial	Yes	Subject
SY	2-4	32										Intermittent	Yes	Subject
SZ	2-4	240										Intermittent	Yes	Subject
		559										Perennial	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SAA	2-4	1947			658							Perennial	Yes	Subject
SAB	2-4	879										Perennial	Yes	Subject
SAC	2-4	516										Intermittent	Yes	Subject
		218										Perennial	Yes	Subject
SAD	2-4	1831			2013							Perennial	Yes	Subject
SAE	2-4/2-6	414			414							Intermittent	Yes	Subject
SAF	2-4	365			365							Intermittent	Yes	Subject
SAG	2-6	529										Intermittent	Yes	Subject
SAH	2-6	48			967							Intermittent	Yes	Subject
		449			379							Perennial	Yes	Subject
SAI	2-13	123										Intermittent	Yes	Subject
SAJ	2-6/2-50/2-51	1300			5555							Perennial	Yes	Subject
SAK	2-6	1227										Perennial	Yes	Subject
SAL	2-7	33										Intermittent	Yes	Subject
		789										Perennial	Yes	Subject
SAM	2-7	1081										Perennial	Yes	Subject
SAN	2-7	159										Intermittent	Yes	Not Subject
SAO	2-7	786										Perennial	Yes	Subject
SAP	2-7	398										Perennial	Yes	Subject
SAQ	2-9	1240										Perennial	Yes	Subject
SAR	2-7/2-9	1180										Intermittent	Yes	Subject
SAS	2-9	849										Intermittent	Yes	Subject
SAT	2-9	133										Intermittent	Yes	Subject
SAU	2-9	1250										Intermittent	Yes	Subject
SAV	2-11/2-12	229										Intermittent	Yes	Subject
SAW	2-10	1076	419									Perennial	Yes	Subject
SAX	2-10	212										Intermittent	Yes	Subject
SAY	2-10	174										Intermittent	Yes	Subject
SAZ	2-10/2-11		241									Intermittent	Yes	Subject
		1186	110									Perennial	Yes	Subject
SBA	2-10	159										Intermittent	Yes	Subject
SBB	2-11	833										Intermittent	Yes	Subject
SBC	2-10	59										Perennial	Yes	Subject
SBD	2-10	33										Perennial	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SBE	2-10	111	111									Intermittent	Yes	Subject
SBF	2-11/2-14	24										Intermittent	Yes	Subject
		5046										Perennial	Yes	Subject
SBG	2-11	184										Perennial	Yes	Subject
SBH	2-11	307										Perennial	Yes	Subject
SBI	2-13/2-14	616										Intermittent	Yes	Subject
		568										Perennial	Yes	Subject
SBJ	2-13/2-14	1426										Perennial	Yes	Subject
SBK	2-13/2-14	958										Intermittent	Yes	Subject
SBL	2-11	50										Intermittent	Yes	Not Subject
SBM	2-11	527										Intermittent	Yes	Subject
SBN	2-13	349										Intermittent	Yes	Subject
SBO	2-14	85										Intermittent	Yes	Not Subject
SBP	2-15	1499										Perennial	Yes	Subject
SBQ	2-15	515										Perennial	Yes	Subject
SBR	2-15	533										Intermittent	Yes	Subject
SBS	2-15	28										Perennial	Yes	Subject
SBT	2-15	114										Intermittent	Yes	Subject
SBU	2-15	437										Perennial	Yes	Subject
SBV	2-16/2-17	2246										Perennial	Yes	Subject
SBW	2-16	139										Intermittent	Yes	Subject
SBX	2-15/2-16	1314										Perennial	Yes	Subject
SBY	2-15	1420										Perennial	Yes	Subject
SBZ	2-15	407										Perennial	Yes	Subject
SCA	2-17	203										Intermittent	Yes	Subject
SCB (1)	2-17	362										Intermittent	Yes	Subject
SCC	2-17/2-64	1287				1281						Perennial	Yes	Subject
SCD	2-17	786										Perennial	Yes	Subject
SCE	2-17	112										Perennial	Yes	Subject
SCF	2-18	105										Intermittent	Yes	Not Subject
SCG	2-18	2123										Perennial	Yes	Subject
SCH	2-18	129										Perennial	Yes	Subject
SCI	2-18	534										Intermittent	Yes	Subject
SCJ	2-18	129										Intermittent	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SCK	2-17	168										Intermittent	Yes	Not Subject
SCL	2-20	1567										Perennial	Yes	Subject
SCM	2-20	752		121								Perennial	Yes	Subject
SCN	2-20	316										Intermittent	Yes	Not Subject
SCO	2-20/2-21/2-22	434										Perennial	Yes	Subject
SCP	2-21/2-22/2-66/2-67/2-68	1326		1144		1945						Perennial	Yes	Subject
SCQ	2-21	672										Intermittent	Yes	Subject
		386										Perennial	Yes	Subject
SCR	2-22	257				257						Intermittent	Yes	Subject
		1				1206						Perennial	Yes	Subject
SCS	2-22	653										Intermittent	Yes	Subject
SCT	2-22	1294										Perennial	Yes	Subject
SCU	2-22	307										Perennial	Yes	Not Subject
SCV	2-22	1144										Intermittent	Yes	Subject
SCW	2-22	54										Intermittent	Yes	Subject
SCX	2-23	45										Intermittent	Yes	Subject
SCY	2-23/2-24	6395										Perennial	Yes	Subject
SCZ	2-23	142										Perennial	Yes	Subject
SDA	2-23	771										Intermittent	Yes	Subject
	2-24			547		547						Perennial	Yes	Subject
SDB	2-23	99										Intermittent	Yes	Not Subject
SDC	2-23	79										Intermittent	Yes	Not Subject
SDD (1)	2-23	265										Perennial	Yes	Not Subject
SDE	2-23	148										Perennial	Yes	Subject
SDF	2-23/2-24	1398										Perennial	Yes	Not Subject
SDG	2-24/2-25/2-30/2-80/2-81	3626	1860	3594								Perennial	Yes	Subject
SDH	2-25	226										Intermittent	Yes	Not Subject
SDI	2-26	112										Intermittent	Yes	Subject
SDJ	2-25/2-26	1375										Perennial	Yes	Subject
SDK	2-25/2-26	665										Intermittent	Yes	Subject
SDL	2-25/2-26	1286										Perennial	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SDM	2-26	353										Intermittent	Yes	Subject
	2-26/2-29/2-30	1411										Perennial	Yes	Subject
SDN	2-30	193		193								Intermittent	Yes	Subject
SDO	2-29	1721		793								Intermittent	Yes	Subject
SDP	2-28/2-29	559		685								Intermittent	Yes	Subject
SDQ	2-29	1941		2307								Perennial	Yes	Subject
SDR	2-29	270		270								Intermittent	Yes	Subject
SDS	2-29	242		242								Intermittent	Yes	Subject
SDT	2-29	331		331								Intermittent	Yes	Subject
		1795		1319								Perennial	Yes	Subject
SDU	2-29	91		91								Perennial	Yes	Subject
SDV	2-25/2-29/2-30	972										Intermittent	Yes	Subject
	2-30	850										Perennial	Yes	Subject
SDW	2-29	1474										Perennial	Yes	Subject
SDX	2-29	209		209								Intermittent	Yes	Not Subject
SDY	2-32/2-34	906		906								Intermittent	Yes	Subject
SDZ	2-32	438		438								Intermittent	Yes	Subject
SEB	2-32	240		240								Intermittent	Yes	Not Subject
SEC	2-34	218		218								Intermittent	Yes	Subject
SED	2-34	761										Intermittent	Yes	Subject
SEE	2-4	440										Perennial	Yes	Subject
SEF	2-32	288										Intermittent	Yes	Subject
SEG	2-32	1083		523								Intermittent	Yes	Subject
SEH	2-32	83		83								Intermittent	Yes	Subject
SEI	2-4	214										Intermittent	Yes	Subject
SEJ	2-32	1079		410								Perennial	Yes	Subject
SEK	2-28	1093		1337								Intermittent	Yes	Subject
SEL	2-28	1116		2720								Perennial	Yes	Subject
SEM	2-27		1595	1595								Intermittent	Yes	Subject
	2-27/2-28/2-35	1240	942	6059								Perennial	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SEN	2-27/2-28	289		881								Intermittent	Yes	Subject
SEO	2-31	1361		1002								Perennial	Yes	Subject
SEP	2-31	566		508								Intermittent	Yes	Subject
SEQ	2-30/2-31	240		480								Intermittent	Yes	Subject
SER	2-14	32										Intermittent	Yes	Not Subject
SES	2-30	1908		1612								Perennial	Yes	Subject
SET	2-29/2-30	4837		1893								Perennial	Yes	Subject
SEU	2-31	444										Perennial	Yes	Subject
SEV	2-28	1157		1157								Intermittent	Yes	Subject
				223								Perennial	Yes	Not Subject
SEW	2-33	366										Intermittent	Yes	Subject
SEY	2-33	1005										Intermittent	Yes	Subject
SEZ	2-14	414										Intermittent	Yes	Not Subject
SFA	2-35			194			194	150				Intermittent	Yes	Subject
SFB	2-35			1641			855	814				Intermittent	Yes	Subject
SFC	2-36			1050			1050					Intermittent	Yes	Subject
SFD	2-36			89			89					Intermittent	Yes	Subject
SFE	2-35						1813	1813				Perennial	Yes	Subject
SFF	2-35						1273	1275				Perennial	Yes	Subject
SFG	2-35						200	200				Intermittent	Yes	Subject
SFH	2-35						1353	1353				Perennial	Yes	Subject
SFI	2-33	1528										Perennial	Yes	Subject
SFJ	2-36			134			134					Intermittent	Yes	Subject
				2			2					Perennial	Yes	Subject
SFK	2-36			116			116					Intermittent	Yes	Subject
SFL	2-33	294										Intermittent	Yes	Subject
SFN	2-37			415			415					Intermittent	Yes	Subject
SFP	2-37			651			651					Perennial	Yes	Subject
SFQ	2-37			353			732					Perennial	Yes	Subject
SFR	2-37			267			267					Intermittent	Yes	Subject
				386			386					Perennial	Yes	Subject
SFS	2-39						623					Intermittent	Yes	Subject
SFT	2-39						1538					Intermittent	Yes	Subject
SFT	2-39		291									Intermittent	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SFU	2-36			35			35					Intermittent	Yes	Subject
SFV	2-36/2-37/2-70			1579			1579	1551				Perennial	Yes	Subject
SFX	2-36			198			198					Intermittent	Yes	Subject
SFY	2-39/2-91		85				1408					Perennial	Yes	Subject
SFZ (1)	2-39/2-91		104				944					Intermittent	Yes	Not Subject
SFZ (2)	2-39/2-91						400					Intermittent	Yes	Subject
SGA	2-39/2-40		217				1395					Perennial	Yes	Subject
SGC	2-39						838				838	Intermittent	Yes	Subject
SGD	2-39		400				819				794	Intermittent	Yes	Subject
SGE	2-40/2-41						1248				1233	Intermittent	Yes	Subject
SGF	2-40		1250				2246		257		21	Perennial	Yes	Subject
SGG	2-40/2-41						2131		1053		1078	Intermittent	Yes	Subject
SGH	2-41						743		743			Intermittent	Yes	Subject
SGI	2-39						50					Intermittent	Yes	Subject
SGJ	2-42		1586				887		235			Intermittent	Yes	Subject
	2-42/2-43						5521		6023	1592		Perennial	Yes	Subject
SGK	2-42		423				491		491			Intermittent	Yes	Subject
							70		1294			Perennial	Yes	Subject
SGM	2-42						568					Intermittent	Yes	Subject
SGN	2-43						1357					Intermittent	Yes	Subject
SGO	2-43						292					Intermittent	Yes	Subject
SGP	2-43						414		123			Intermittent	Yes	Subject
SGQ	2-43								164			Intermittent	Yes	Subject
SGR	2-44						898		1080	1365		Intermittent	Yes	Subject
SGS	2-44						1025	1034	1004	1009		Perennial	Yes	Subject
SGT	2-44								292			Intermittent	Yes	Subject
SGU	2-44,2-45						1653	1922	1563	1946		Perennial	Yes	Subject
SGV	2-45						1956		1063	1956		Intermittent	Yes	Subject
SGW	2-44/2-45						232	228	232	232		Intermittent	Yes	Subject
							56	910	57	45		Perennial	Yes	Subject
SGY	2-45						482					Intermittent	Yes	Subject
SGZ	2-46						198					Intermittent	Yes	Subject
SHA	2-46						666					Intermittent	Yes	Subject
SHB	2-46						253					Intermittent	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SHC	2-47/2-48						1075					Intermittent	Yes	Subject
	2-46/2-47						3739					Perennial	Yes	Subject
SHD	2-46						1649					Intermittent	Yes	Subject
SHE	2-46/2-47						298					Intermittent	Yes	Subject
SHF	2-47						56					Intermittent	Yes	Subject
SHH	2-47						731					Intermittent	Yes	Subject
SHK	2-48						35					Intermittent	Yes	Subject
SHL	2-49						184					Perennial	Yes	Subject
SHM	2-49						113					Intermittent	Yes	Subject
SHN	2-48						158					Intermittent	Yes	Subject
SHP	2-48						385					Intermittent	Yes	Subject
SHR	2-47						370					Perennial	Yes	Subject
SHS	2-47/2-49						314					Perennial	Yes	Subject
SHT	2-36			239			239	239				Intermittent	Yes	Subject
SHU	2-35/2-70							1887				Perennial	Yes	Subject
SHV	2-70							610				Perennial	Yes	Subject
SHW	2-70							691				Intermittent	Yes	Subject
SHX	2-72							1453		1453		Intermittent	Yes	Subject
SHX	2-72							530		530		Perennial	Yes	Subject
SHY	2-72							633		633		Perennial	Yes	Subject
SHZ	2-72							122		122		Intermittent	Yes	Subject
SIB	2-73							1552		1552		Perennial	Yes	Subject
SIC	2-73							563		563		Intermittent	Yes	Subject
SID	2-71							148				Intermittent	Yes	Subject
SIE	2-73/2-74							2306		1752		Perennial	Yes	Subject
SIF	2-73							75				Intermittent	Yes	Subject
SIF	2-73									75		Intermittent	Yes	Subject
SIG	2-74							52		938	822	Intermittent	Yes	Subject
SIH	2-41/2-74							77		491	563	Intermittent	Yes	Subject
SII	2-74							4299		1878	3409	Perennial	Yes	Subject
SIJ	2-74							946		484	1194	Perennial	Yes	Subject
SIK	2-74									281	115	Intermittent	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SIL	2-74/2-75							1076			1076	Intermittent	Yes	Subject
	2-74							978			978	Perennial	Yes	Subject
SIN	2-75							173			173	Intermittent	Yes	Subject
SIO	2-89/2-90/2-91		682									Perennial	Yes	Subject
SIP	2-74							387			387	Perennial	Yes	Subject
SIQ	2-77							64			64	Intermittent	Yes	Subject
								155			155	Perennial	Yes	Subject
SIR	2-76							70			70	Intermittent	Yes	Subject
SIS	2-77							177				Intermittent	Yes	Subject
								94				Perennial	Yes	Subject
SIT	2-77							32				Intermittent	Yes	Subject
								859				Perennial	Yes	Subject
SIU	2-77							72				Intermittent	Yes	Not Subject
SIV	2-44							61				Perennial	Yes	Subject
SIW	2-45							1072				Perennial	Yes	Subject
SIX	2-41										563	Intermittent	Yes	Subject
SIY	2-41										712	Intermittent	Yes	Subject
SIZ	2-41										544	Perennial	Yes	Subject
SJA	2-41										109	Intermittent	Yes	Subject
SJB	2-74									181	135	Perennial	Yes	Subject
SJC	2-43									1043		Intermittent	Yes	Subject
SJC	2-43/2-75							81		6452	81	Perennial	Yes	Subject
SJD	2-75									1198		Perennial	Yes	Subject
SJE	2-75									209		Perennial	Yes	Subject
SJF	2-75									291		Perennial	Yes	Subject
SJG	2-43/2-75									1236		Perennial	Yes	Subject
SJH	2-75									33		Perennial	Yes	Not Subject
SJI	2-75									129		Perennial	Yes	Not Subject
SJJ	2-75									129		Intermittent	Yes	Not Subject
SJK	2-43									88		Intermittent	Yes	Subject
										193		Perennial	Yes	Subject
SJL	2-43									9		Perennial	Yes	Subject
SJW	2-20			847								Intermittent	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SJX	2-68			537								Perennial	Yes	Subject
SJY	2-68			121								Intermittent	Yes	Not Subject
SJZ	2-24			154								Intermittent	Yes	Subject
SKA	2-24			545		545						Intermittent	Yes	Subject
SKB	2-24/2-68			318		318						Intermittent	Yes	Not Subject
SKC	2-24			188		188						Intermittent	Yes	Not Subject
				1258		280						Perennial	Yes	Subject
SKD	2-24			402								Intermittent	Yes	Subject
SKE	2-24/2-26			1477								Perennial	Yes	Subject
SKF	2-24/2-26			921								Intermittent	Yes	Subject
SKG	2-26			109								Intermittent	Yes	Subject
SKH	2-26			1358								Intermittent	Yes	Subject
SKI	2-26			241								Intermittent	Yes	Subject
SKJ	2-28/2-29/2-69			2844								Perennial	Yes	Subject
SKK	2-28			291								Intermittent	Yes	Not Subject
SKL	2-28/2-69			488								Perennial	Yes	Subject
SKM	2-26/2-29/2-69			2236								Intermittent	Yes	Subject
SKN	2-28			951								Perennial	Yes	Subject
SKO	2-28			1084								Perennial	Yes	Subject
SKP	2-69			45								Intermittent	Yes	Not Subject
SKQ	2-26			809								Intermittent	Yes	Subject
SKR	2-35			1993								Perennial	Yes	Subject
SKS	2-28/2-35			1147								Perennial	Yes	Subject
SKT	2-28			52								Intermittent	Yes	Not Subject
SKU	2-28			327								Intermittent	Yes	Not Subject
SKV	2-28			493								Intermittent	Yes	Subject
SKW	2-28			185								Intermittent	Yes	Not Subject
SKX	2-28			33								Intermittent	Yes	Not Subject
SKY	2-28			117								Intermittent	Yes	Subject
SKZ	2-20			274								Intermittent	Yes	Subject
SLA	2-28			280								Intermittent	Yes	Subject
SLB	2-68			53								Intermittent	Yes	Not Subject
SLC	2-70							196				Intermittent	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SLD	2-68			252								Intermittent	Yes	Not Subject
SLF	2-27		524	524								Intermittent	Yes	Subject
SLG	2-27		314	314								Intermittent	Yes	Subject
SLH	2-27		225	225								Intermittent	Yes	Not Subject
SLI	2-27		309	309								Intermittent	Yes	Subject
SLJ	2-27		120	120								Intermittent	Yes	Not Subject
SLY	2-12		1362									Intermittent	Yes	Subject
SLZ	2-10		119									Intermittent	Yes	Subject
SMA	2-78		1506									Intermittent	Yes	Subject
SMB	2-78		1511									Intermittent	Yes	Subject
SMC	2-78		178									Intermittent	Yes	Subject
SMD	2-12/2-78		2340									Perennial	Yes	Subject
SME	2-12		118									Intermittent	Yes	Not Subject
SMF	2-78		2332									Intermittent	Yes	Subject
SMG	2-78		68									Intermittent	Yes	Subject
SMH	2-78		529									Intermittent	Yes	Subject
			398									Perennial	Yes	Subject
SMI	2-78		151									Intermittent	Yes	Not Subject
SMJ	2-80		1110									Intermittent	Yes	Subject
SMK	2-80		219									Intermittent	Yes	Subject
SML	2-81		164									Intermittent	Yes	Not Subject
SMM	2-82/2-83		1095									Intermittent	Yes	Subject
	2-82		1773									Perennial	Yes	Subject
SMN	2-83		1344									Intermittent	Yes	Subject
SMO	2-82		177									Intermittent	Yes	Subject
SMP	2-82		215									Intermittent	Yes	Subject
SMQ	2-82		463									Intermittent	Yes	Subject
SMR	2-12		2									Intermittent	Yes	Subject
SMS	2-83		17									Intermittent	Yes	Not Subject
SMT	2-84		1314									Perennial	Yes	Subject
SMU	2-84		657									Perennial	Yes	Subject
SMV	2-84		695									Intermittent	Yes	Not Subject
SMY	2-84		1464									Perennial	Yes	Subject
SMZ	2-85		1042									Perennial	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SNB	2-85		1061									Perennial	Yes	Subject
SND	2-90		398									Perennial	Yes	Subject
SNE	2-85		1047									Perennial	Yes	Subject
SNF	2-90		1374									Perennial	Yes	Subject
SNG	2-85/2-86		1345									Intermittent	Yes	Subject
SNH	2-90		2193									Intermittent	Yes	Subject
SNI	2-86		789									Perennial	Yes	Subject
SNK	2-27		1922	2001								Perennial	Yes	Subject
SNM	2-27		182	182								Intermittent	Yes	Subject
SNO	2-27		619	630								Perennial	Yes	Subject
SNQ	2-86		87									Intermittent	Yes	Subject
SNR	2-86		28									Intermittent	Yes	Subject
SNS	2-86		1427									Perennial	Yes	Subject
SNT	2-88		707									Intermittent	Yes	Subject
			2107									Perennial	Yes	Subject
SNU	2-88		941									Perennial	Yes	Subject
SNV	2-88		456									Perennial	Yes	Subject
SNW	2-88		265									Intermittent	Yes	Subject
SNX	2-90		311									Intermittent	Yes	Subject
	2-89/2-90		1969									Perennial	Yes	Subject
SNY	2-89		250									Intermittent	Yes	Subject
			2190									Perennial	Yes	Subject
SNZ	2-89		328									Intermittent	Yes	Subject
SOA	2-89		295									Intermittent	Yes	Subject
SOB	2-88		495									Intermittent	Yes	Subject
SOC	2-89		1507	109								Perennial	Yes	Subject
SOD	2-89		304									Perennial	Yes	Subject
SOE	2-93		2304									Perennial	Yes	Subject
SOF	2-93		193									Intermittent	Yes	Subject
			623									Perennial	Yes	Subject
SOH	2-93		66									Intermittent	Yes	Subject
SOI	2-93		1358									Perennial	Yes	Subject
SOJ	2-91/2-92		1745									Perennial	Yes	Subject
SOK	2-91		159									Intermittent	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SOL	2-90/2-91		3776									Perennial	Yes	Subject
SOM	2-90		25									Intermittent	Yes	Not Subject
SON	2-91		960									Intermittent	Yes	Subject
SOO	2-39		1298									Intermittent	Yes	Subject
SOP	2-90		808									Intermittent	Yes	Subject
SOQ	2-40		321									Intermittent	Yes	Subject
SOR	2-42		161									Intermittent	Yes	Not Subject
SOS	2-40		160									Intermittent	Yes	Not Subject
SOT	2-89		119									Intermittent	Yes	Subject
SOU	2-40		326									Intermittent	Yes	Subject
SOV	2-40		173									Intermittent	Yes	Subject
SOW	2-40		156									Intermittent	Yes	Subject
SOX	2-40		109									Intermittent	Yes	Subject
SOY	2-39/2-40		1526									Perennial	Yes	Subject
SOZ	2-40		940									Intermittent	Yes	Subject
SPA	2-55/2-56					559						Intermittent	Yes	Subject
SPB	2-55/2-56					774						Intermittent	Yes	Subject
SPC	2-58					58						Intermittent	Yes	Subject
SPD	2-58					214						Intermittent	Yes	Subject
SPE	2-57/2-58					1792						Perennial	Yes	Subject
SPF	2-58					317						Intermittent	Yes	Subject
SPG	2-55/2-57				3492	890						Perennial	Yes	Subject
SPH	2-57					36						Intermittent	Yes	Subject
SPI	2-58					1099						Perennial	Yes	Subject
SPJ	2-58					1149						Perennial	Yes	Subject
SPK	2-58/2-59					2041						Intermittent	Yes	Subject
SPL	2-59					951						Intermittent	Yes	Subject
SPM	2-59					277						Intermittent	Yes	Not Subject
SPN	2-60					85						Intermittent	Yes	Not Subject
SPO	2-59					1072						Intermittent	Yes	Subject
SPP	2-60					438						Intermittent	Yes	Subject
						1925						Perennial	Yes	Subject
SPQ	2-60					113						Intermittent	Yes	Not Subject
SPR	2-60					67						Intermittent	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SPS	2-59/2-60					900						Perennial	Yes	Subject
SPT	2-62					1222						Perennial	Yes	Subject
SPU	2-61					56						Intermittent	Yes	Subject
SPV	2-62					285						Intermittent	Yes	Subject
	2-61					1076						Perennial	Yes	Subject
SPW	2-61					1246						Perennial	Yes	Subject
SPX	2-51/2-61				2004	1945						Perennial	Yes	Subject
SPY	2-62					33						Intermittent	Yes	Subject
						422						Perennial	Yes	Subject
SPZ	2-61					143						Perennial	Yes	Subject
SQA	2-63					1498						Perennial	Yes	Subject
SQB	2-63					1010						Perennial	Yes	Subject
SQC	2-63					375						Intermittent	Yes	Not Subject
SQD	2-63					1442						Perennial	Yes	Subject
SQE	2-64					230						Perennial	Yes	Subject
SQF	2-64					192						Perennial	Yes	Subject
SQG	2-65					13						Intermittent	Yes	Subject
SQH	2-65/2-66					2573						Perennial	Yes	Subject
SQI	2-65					172						Intermittent	Yes	Subject
SQJ	2-22					226						Perennial	Yes	Subject
SQK	2-22					217						Intermittent	Yes	Subject
SQL	2-66					1253						Perennial	Yes	Subject
SQM	2-66					166						Intermittent	Yes	Subject
SQN	2-66					243						Intermittent	Yes	Not Subject
SQO	2-67					193						Intermittent	Yes	Not Subject
SQP	2-22					320						Intermittent	Yes	Subject
SQQ	2-50				175							Intermittent	Yes	Subject
SQR	2-50				611							Intermittent	Yes	Subject
SQS	2-50				277							Intermittent	Yes	Not Subject
SQT	2-50				48							Intermittent	Yes	Not Subject
SQU	2-52				1396							Intermittent	Yes	Subject
SQV	2-52				1722							Perennial	Yes	Subject
SQW	2-52				676							Intermittent	Yes	Subject
SQX	2-52				1094							Intermittent	Yes	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
SQY	2-52/2-54				2499							Perennial	Yes	Subject
SQZ	2-54				549							Perennial	Yes	Subject
SRA	2-53				95							Intermittent	Yes	Subject
	2-54				1137							Perennial	Yes	Subject
SRB	2-52				37							Intermittent	Yes	Subject
SRC (1)	2-52				440							Intermittent	Yes	Subject
SRC (2)	2-52				120							Intermittent	Yes	Subject
SRD	2-54				599							Perennial	Yes	Subject
SRE	2-55				2651							Intermittent	Yes	Subject
SRF	2-54				114							Intermittent	Yes	Subject
	2-55				1107							Perennial	Yes	Subject
SRG	2-55/2-56				595							Intermittent	Yes	Subject
SRH	2-55				229							Perennial	Yes	Subject
SRI	2-55				422							Intermittent	Yes	Subject
SRJ	2-94		294									Intermittent	Yes	Subject
SRK	2-94		928									Perennial	Yes	Subject
SRL	2-94		473									Intermittent	Yes	Subject
SRM	2-94		315									Intermittent	Yes	Subject
SRN	2-93		436									Intermittent	Yes	Subject
SRO	2-93		200									Perennial	Yes	Subject
SRP	2-90		394									Intermittent	Yes	Subject
SRQ	2-38		153				279					Perennial	Yes	Subject
SRR	2-38						12					Intermittent	Yes	Subject
SRS	2-13		146									Intermittent	Yes	Subject
SRT	2-13		445									Perennial	Yes	Subject
SRZ	2-58/2-59					269						Intermittent	Yes	Subject
SSA	2-60					161						Intermittent	Yes	Subject
SSB	2-61					372						Intermittent	Yes	Subject
						507						Perennial	Yes	Subject
SSC	2-62					31						Intermittent	Yes	Subject
SSD	2-50				184							Perennial	Yes	Subject
SSE	2-50				63							Intermittent	Yes	Not Subject
EPH (1)	2-88		284									Ephemeral	No	Subject
EPH (2)	2-62					199						Ephemeral	No	Subject

Continues

Table 1 Continued

Map ID	Figure Number	Length (ft)										Classification	Compensatory Mitigation Required	River Basin Buffers
		Southern Section Alternatives					Eastern Section Alternatives							
		Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal			
EPH (3)	2-50				246							Ephemeral	No	Subject
	Total	**126,830**	**80,143**	**68,325**	**32,934**	**39,413**	**52,382**	**32,981**	**15,675**	**30,084**	**15,112**			

One hundred five ponds (105) are located in the study area (Appendix B: Figures 2-1 through 2-95). Table 2 describes the characteristics of each pond including size, surface water connections, and whether or not it is subject to buffers. Additionally, on the figures in Appendix B it is important to note that all ponds are depicted, but are differentiated according to whether or not they were determined to be jurisdictional and if the pond would be subject to buffers. All ponds in the study area are within the Neuse River and Cape Fear River basins [U.S. Geological Survey (USGS) Hydrologic Units 03020201 and 03030004].

Table 2. Physical characteristics of jurisdictional ponds in the study area.

Map Id	Figure Number	Appearance	Connecting Feature Map ID	Area (ac)										Subject to Buffers	Hydrologic Unit Code (HUC)
				Southern Section Alternatives					Eastern Section Alternatives						
				Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal		
PA	2-1	Man-made	WB/WE	0.2										Not Subject	03020201
PB	2-4	Man-made	WAE	0.4										Not Subject	03020201
PC	2-4	Man-made	WAK	<0.1										Not Subject	03020201
PD	2-7	Man-made	WAW(1)	0.9										Subject	03020201
PE	2-9	Man-made	WBE/SAS	0.6										Subject	03020201
PF	2-10	Man-made	SAW/SBE	4.4	4.5									Subject	03020201
PG	2-10	Man-made	SAY	1.6										Not Subject	03020201
PH	2-10	Man-made	Ephemeral	1.0	1.0									Not Subject	03020201
PI	2-10	Man-made	SAZ/SBA/SBC	2.3										Subject	03020201
PJ	2-11	Man-made	Connection Outside Study Area	0.2										Subject	03020201
PK	2-11	Man-made	SBF/WBT	3.9										Subject	03020201
PL	2-13	Man-made	SBN/WBU	0.1										Subject	03020201
PM	2-15	Man-made	SBQ/SBR	1.6										Subject	03020201
PN	2-16/2-17	Man-made	SBV	1.2										Subject	03020201
PO	2-15	Man-made	Ephemeral	0.7										Not Subject	03020201
PP	2-17	Man-made	WCZ	1.0										Not Subject	03020201
PQ	2-18	Man-made	WCZ	0.4										Not Subject	03020201
PR	2-18	Man-made	WCZ	1.1										Not Subject	03020201
PS	2-18	Man-made	WDB	<0.1										Not Subject	03020201
PT	2-20	Man-made	WDF	1.0		1.0								Not Subject	03020201
PU	2-20	Man-made	WDB/WDC	1.0		0.3								Not Subject	03020201
PV	2-20	Man-made	SCL/WDG	0.9										Subject	03020201
PW	2-20	Man-made	WDG	0.1										Not Subject	03020201
PX	2-20	Man-made	Connection Outside Study Area	0.2										Subject	03020201
PY	2-21	Man-made	SCQ	1.3										Subject	03020201
PZ	2-22	Man-made	Connection Outside Study Area	1.0										Subject	03020201
PAA	2-22	Man-made	WUG/SCR	0.4				0.4						Not Subject	03020201
PAB	2-24	Man-made	SCV	0.5		1.4		1.4						Subject	03020201
PAC	2-23	Man-made	SDD	0.1										Not Subject	03020201

Continues

Table 2 Continued

Map Id	Figure Number	Appearance	Connecting Feature Map ID	Area (ac)										Subject to Buffers	Hydrologic Unit Code (HUC)
				Southern Section Alternatives					Eastern Section Alternatives						
				Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal		
PAD	2-35	Man-made	Connection Outside Study Area			2.3			2.0	<0.1				Subject	03020201
PAE	2-35	Man-made	WGA/SFE						0.4	0.6				Subject	03020201
PAF	2-37	Man-made	SFQ			1.4			4.2					Subject	03020201
PAG	2-39/2-91	Man-made	SFZ(2)						0.6					Subject	03020201
PAH	2-42	Man-made	SGJ		6.0				4.1		2.8			Subject	03020201
PAI	2-45	Man-made	SGY						1.8	0.9		0.9		Subject	03020201
PAJ	2-46	Man-made	WJC						0.6					Not Subject	03020201
PAK	2-45/2-46	Man-made	WJB						4.6					Not Subject	03020201
PAL	2-46	Man-made	SHB						0.2					Subject	03020201
PAM	2-49	Man-made	SHM						0.8					Subject	03020201
PAN	2-47	Man-made	WJJ						0.1					Not Subject	03020201
PAO	2-36	Man-made	SHT			0.8			0.8	0.8				Subject	03020201
PAP	2-72	Man-made	WKB							0.4		0.4		Subject	03020201
PAQ	2-74	Man-made	SJB/SIG									0.9	0.9	Subject	03020201
PAR	2-74	Man-made	WLJ/SIH									0.9	1.0	Subject	03020201
PAS	2-74	Man-made	SIJ									0.5		Subject	03030004
PAT	2-75	Man-made	Connection Outside Study Area							1.6			1.6	Subject	03020201
PAU	2-44	Man-made	PAV							1.7				Not Subject	03020201
PAV	2-44	Man-made	SIV/WLB							2.8				Not Subject	03020201
PAW	2-45	Man-made	SIW							1.3				Subject	03020201
PAX	2-41	Man-made	SIX										1.7	Subject	03020201
PAY	2-41	Man-made	SIZ/WLG										0.2	Subject	03020201
PAZ	2-75	Man-made	SJC							0.2		0.2	0.2	Subject	03020201
PBA	2-75	Man-made	SJD - Connection Outside Study Area									1.1		Subject	03020201
PBH	2-26	Man-made	SKH			0.5								Subject	03020201
PBI	2-22/2-23/2-24	Man-made	SCV			0.5		0.5						Subject	03020201
PBJ	2-70	Man-made	Connection Outside Study Area							0.1				Subject	03020201
PBK	2-36/2-70	Man-made	SLC							0.6				Subject	03020201

Continues

Table 2 Continued

Map Id	Figure Number	Appearance	Connecting Feature Map ID	Area (ac)										Subject to Buffers	Hydrologic Unit Code (HUC)
				Southern Section Alternatives					Eastern Section Alternatives						
				Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal		
PBM	2-10	Man-made	SAZ		1.0									Subject	03020201
PBN	2-10	Man-made	PBO		2.0									Subject	03020201
PBO	2-10	Man-made	PBP		1.3									Subject	03020201
PBP	2-10	Man-made	SBC		0.2									Subject	03020201
PBQ	2-12	Man-made	WOO		5.5									Not Subject	03020201
PBR	2-78	Man-made	SMA		0.4									Subject	03020201
PBS	2-78	Man-made	SMC/WOM		1.0									Subject	03020201
PBT	2-78	Man-made	SMD		0.4									Subject	03020201
PBU	2-12	Man-made	SMD/SME		1.1									Subject	03020201
PBV	2-80	Man-made	SMJ/WOP		0.2									Subject	03020201
PBW	2-13	Man-made	SRS		0.4									Subject	03020201
PBX	2-84	Man-made	SMV		<0.1									Not Subject	03020201
PCB	2-88	Man-made	SNW		0.6									Subject	03020201
PCC	2-89	Man-made	SOC		0.5	0.5								Subject	03020201
PCE	2-40	Man-made	SOW		1.7									Subject	03020201
PCF	2-40	Man-made	SOY		0.8									Subject	03020201
PCG	2-40	Man-made	SOQ/WRM		0.5									Subject	03020201
PCH	2-40	Man-made	SGF/WRW		2.0									Subject	03020201
PCI	2-40	Man-made	PCH		1.5									Subject	03020201
PCJ	2-39/2-91	Man-made	WRJ		1.9									Not Subject	03020201
PCM	2-13	Man-made	SAI	<0.1										Subject	03020201
PCP	2-56	Man-made	WSI/SPA					1.5						Subject	03020201
PCQ	2-56	Man-made	WSH/SPA					0.1						Subject	03020201
PCR	2-55/2-56	Man-made	SPA/SPB/WSG					0.5						Subject	03020201
PCS	2-56	Man-made	SPB					0.4						Subject	03020201
PCT	2-58	Man-made	WSJ/SPC					1.7						Not Subject	03020201
PCU	2-58	Man-made	SPD/WSM/WSN					2.8						Subject	03020201
PCV	2-58	Man-made	SPD/SPE					<0.1						Subject	03020201
PCW	2-58	Man-made	PCU/SPD					0.2						Subject	03020201
PCX	2-58	Man-made	Connection Outside Study Area					0.1						Subject	03020201
PCY	2-58	Man-made	WSP/SPJ					1.8						Subject	03020201
PCZ	2-58	Man-made	Connection Outside Study Area					0.1						Subject	03020201

Continues

Table 2 Continued

Map Id	Figure Number	Appearance	Connecting Feature Map ID	Area (ac)										Subject to Buffers	Hydrologic Unit Code (HUC)
				Southern Section Alternatives					Eastern Section Alternatives						
				Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal		
PDA	2-59	Man-made	SPL/WST					0.3						Subject	03020201
PDB	2-60	Man-made	SPP					0.1						Subject	03020201
PDC	2-60	Man-made	Connection Outside Study Area					0.1						Subject	03020201
PDE	2-61	Man-made	WSZ					0.6						Subject	03020201
PDF	2-62	Man-made	WTB					<0.1						Subject	03020201
PDG	2-61	Man-made	WTE/SPV					0.3						Subject	03020201
PDH	2-61/2-63	Man-made	WTK/SPZ - Connection Outside Study Area					0.1						Subject	03020201
PDI	2-64	Man-made	WTU/SQE					<0.1						Not Subject	03020201
PDJ	2-67	Man-made	WUL/SQO - Connection Outside Study Area					0.2						Subject	03020201
PDK	2-67	Man-made	Connection Outside Study Area					0.1						Not Subject	03020201
PDL	2-22	Man-made	WUN/SQP					0.1						Subject	03020201
PDM	2-22	Man-made	WUH/SQJ					0.1						Not Subject	03020201
PDN	2-52	Man-made	WVH/SRC(2)				0.3							Subject	03020201
PDO	2-54	Man-made	WVO				1.7							Not Subject	03020201
PDP	2-55	Man-made	SRH				0.2							Subject	03020201
PDQ	2-35	Man-made	Ephemeral			0.9			0.6	0.1				Subject	03020201
			Total	**28.2**	**34.7**	**9.7**	**2.2**	**13.7**	**20.7**	**11.3**	**2.8**	**4.8**	**5.6**		

Five hundred forty three (543) jurisdictional wetlands were identified within the study area (Appendix B: Figures 2-1 through 2-95). Wetland classification and quality rating data are presented in Table 3. All wetlands in the study area are within the Neuse River and Cape Fear River basins (USGS Hydrologic Units 03020201 and 03030004). USACE wetland delineation forms and NCDWQ wetland rating forms for each site are included in Appendix C.

Table 3. Characteristics of jurisdictional wetlands in the study area.

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WA	2-1	Maintained/Disturbed	Headwater Forest	Riparian	17	<0.1									
WB	2-1	Dry-Mesic Oak-Hickory Forest	Seep	Riparian	36	0.1									
WC	2-1	Dry-Mesic Oak-Hickory Forest	Seep	Riparian	36	0.2									
WD	2-1	Dry-Mesic Oak-Hickory Forest	Seep	Riparian	36	0.1									
WE	2-1	Dry-Mesic Oak-Hickory Forest	Basin Wetland	Non-Riparian	44	<0.1									
WF	2-1	Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	16	0.1									
WG	2-1	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Pine Plantation; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	76	2.2									
WH	2-1	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	76	0.3									
WI	2-2	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	51	0.3									
WJ	2-2	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	27	<0.1									
WK	2-2	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	24	0.2									
WL	2-2	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest	Bottomland Hardwood Forest	Riparian	67	1.4									
WM	2-2	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	55	0.1									
WN	2-2	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	71	2.4									
WO	2-2	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	56	0.2									
WP	2-2	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	56	0.2									
WQ	2-2	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	52	0.2									

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WR	2-2	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	76	3.1									
WS	2-2	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	71	2.8									
WT	2-2	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	71	0.2									
WU	2-2/2-3	Mesic Mixed Hardwood Forest; Pine Plantation	Headwater Forest	Riparian	37	0.7									
WV	2-3	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	48	0.7									
WW	2-3	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	48	0.2									
WX	2-3	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Bottomland Hardwood Forest	Riparian	57	1.7									
WY	2-3	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	61	0.8									
WZ	2-3	Mesic Mixed Hardwood Forest; Pine Plantation	Bottomland Hardwood Forest	Riparian	52	0.3									
WAA	2-3	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	60	0.6									
WAB	2-3	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest; Cutover/Early Successional	Bottomland Hardwood Forest	Riparian	42	0.6									
WAC	2-3	Mesic Mixed Hardwood Forest; Pine Plantation; Cutover/Early Successional	Headwater Forest	Riparian	71	2.3									

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WAD	2-4	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	25	0.4									
WAE	2-4	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	65-75	4.2									
WAF	2-4	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	64	4.2									
WAG	2-5	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	60	0.5									
WAH	2-5	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	44	0.2									
WAI	2-4	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	32	<0.1									
WAJ	2-4	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	33	0.1									
WAK	2-4	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	64	2.3									
WAL	2-4	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	41	0.2									
WAM	2-4	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	25	<0.1			0.0						
WAN	2-4	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	37	0.2			0.1						
WAO (1)	2-4	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest; Pine Plantation	Bottomland Hardwood Forest	Riparian	76	1.9			2.4						
WAO (2)	2-4/2-6	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	76	1.0			1.0						

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WAP	2-6	Mesic Mixed Hardwood Forest; Pine Plantation; Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	23	0.2			0.2						
WAQ	2-6	Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	56	1.0									
WAR	2-6	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	43	0.2									
WAS	2-6	Piedmont/Mountain Bottomland Forest; Cutover/Early Successional	Bottomland Hardwood Forest	Riparian	79	3.1									
WAT	2-6	Piedmont/Mountain Bottomland Forest; Cutover/Early Successional	Bottomland Hardwood Forest	Riparian	19	<0.1									
WAU	2-6	Piedmont/Mountain Bottomland Forest; Cutover/Early Successional	Basin Wetland	Riparian	19	<0.1									
WAV	2-6	Piedmont/Mountain Bottomland Forest; Cutover/Early Successional	Bottomland Hardwood Forest	Riparian	35	0.6									
WAW (1)	2-7	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	45-63	3.2									
WAW (2)	2-7	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	45	0.4									
WAX	2-7	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	53	0.2									
WAY	2-7/2-9	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	53	0.1									
WAZ	2-9	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	53	0.2									
WBA	2-9	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	31	<0.1									
WBB	2-9	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	53	0.1									
WBC	2-9	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	49	3.9									

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WBD	2-9	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	51	0.2									
WBE	2-9	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	45	0.7									
WBF	2-9	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest	Bottomland Hardwood Forest	Riparian	45	6.0									
WBG	2-9	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	45	0.3									
WBH	2-9	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	45	0.8									
WBI	2-10	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	33	3.0	0.3								
WBJ	2-10	Agriculture/Pasture	Headwater Forest	Riparian	19	0.5	0.5								
WBK	2-10	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Headwater Forest	Non-Riparian	29	0.3									
WBL	2-10	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	24	0.6									
WBM	2-10	Mesic Mixed Hardwood Forest; Pine Plantation; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	26	<0.1									
WBN (1)	2-10/2-11	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	46	2.4									
WBN (2)	2-11	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	46	1.4									
WBO	2-11/2-12	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	35	0.1									
WBP	2-11	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	42	3.6									
WBQ	2-11	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	43	0.1									
WBR	2-11	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	43	0.2									

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WBS	2-11	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	43	<0.1									
WBT	2-11	Pine Plantation; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	41	0.3									
WBU	2-13	Maintained/Disturbed	Headwater Forest	Riparian	27	0.1									
WBV	2-11/2-13	Maintained/Disturbed; Cutover/Early Successional	Headwater Forest	Non-Riparian	39	2.2									
WBW	2-14	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	19	<0.1									
WBX	2-13	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	35	0.1									
WBY	2-13/2-14	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Cutover/Early Successional	Headwater Forest	Riparian	50	3.0									
WBZ	2-13	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	51	0.6									
WCA	2-13	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	39	0.1									
WCB	2-14	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	39	0.1									
WCC	2-13	Maintained/Disturbed	Headwater Forest	Non-Riparian	12	0.2									
WCD	2-15	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Non-Riparian	15	0.2									
WCE (1)	2-15	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	27	0.3									
WCE (2)	2-15	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest; Agriculture/Pasture	Headwater Forest	Riparian	27	0.4									
WCF	2-15	Agriculture/Pasture	Headwater Forest	Non-Riparian	4	0.1									
WCG	2-15	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest; Agriculture/Pasture	Headwater Forest	Riparian	4	0.2									

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WCH	2-15	Mesic Mixed Hardwood Forest; Agriculture/Pasture	Headwater Forest	Riparian	19	0.4									
WCI	2-15	Mesic Mixed Hardwood Forest; Pine Plantation	Headwater Forest	Riparian	19	1.2									
WCJ	2-15	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	19	0.2									
WCK	2-15	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	15	0.3									
WCL	2-15	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	11	0.2									
WCM	2-15	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Non-Riparian	27	0.3									
WCN	2-15	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	15	<0.1									
WCO	2-15	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	15	<0.1									
WCP	2-15	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	19	<0.1									
WCQ	2-16	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	53	1.1									
WCR	2-16	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	4	0.1									
WCS	2-15/2-16	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	19	0.1									
WCT	2-16	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	6	<0.1									
WCU	2-16	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	10	<0.1									
WCV	2-16	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	34	0.7									
WCW	2-16	Maintained/Disturbed	Headwater Forest	Non-Riparian	13	<0.1									
WCX	2-17	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	11	0.1									
WCY	2-17	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	11	<0.1									

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WCZ (1)	2-17/2-18	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest; Cutover/Early Successional	Bottomland Hardwood Forest	Riparian	63	11.6									
WCZ (2)	2-17/2-18	Piedmont/Mountain Bottomland Forest; Maintained/Disturbed	Headwater Forest	Riparian	63	3.0									
WDA	2-18	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Non-Riparian	21	0.3									
WDB	2-18/2-19	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest; Basic Mesic Forest	Bottomland Hardwood Forest	Riparian	56	12.8									
WDC	2-18	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Pine Plantation	Bottomland Hardwood Forest	Riparian	56	1.3									
WDD	2-18	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	56	0.1									
WDE	2-18	Dry-Mesic Oak-Hickory Forest	Bottomland Hardwood Forest	Riparian	56	<0.1									
WDF	2-20	Non-Tidal Freshwater Marsh	Non-Tidal Freshwater Marsh	Riparian	50	1.0		1.0							
WDG (1)	2-20	Piedmont/Mountain Bottomland Forest; Mesic Mixed Hardwood Forest; Maintained/Disturbed	Bottomland Hardwood Forest	Riparian	42	6.6		<0.1							
WDG (2)	2-20	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	42	<0.1		0.2							
WDH	2-20	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	55	4.8									
WDI	2-20/2-21	Piedmont/Mountain Bottomland Forest; Agriculture/Pasture	Headwater Forest	Riparian	31	1.3									
WDJ	2-21	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	27	0.8									
WDK	2-22	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	19	<0.1									

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WDL	2-22	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	46	0.3									
WDM	2-22	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	33	1.0				0.6					
WDN	2-22	Piedmont/Low Mountain Alluvial Forest; Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	26	1.4				0.8					
WDO	2-22	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	46	1.9									
WDP	2-22	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	29	<0.1									
WDQ	2-22	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	29	0.2									
WDR	2-23	Maintained/Disturbed	Headwater Forest	Non-Riparian	19	0.1									
WDS	2-23	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	11	0.1									
WDT	2-23	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	13	<0.1									
WDU	2-23	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	19	<0.1									
WDV	2-23/2-24/ 2-25	Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest; Maintained/Disturbed	Bottomland Hardwood Forest	Riparian	63-81	18.2									
WDW	2-25	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	38	1.6									
WDX	2-25	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	38	<0.1									
WDY	2-25	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	38	0.6									
WDZ	2-25/2-26	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest; Piedmont/Low Mountain Alluvial Forest	Bottomland Hardwood Forest	Riparian	44-62	4.3									
WEA	2-26	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	33	0.3									

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WEB	2-29	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	45	0.6									
WEC	2-25/2-29/ 2-30	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest; Piedmont/Low Mountain Alluvial Forest	Bottomland Hardwood Forest	Riparian	87	19.4									
WED	2-29	Dry-Mesic Oak-Hickory Forest; Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	62	2.0		0.1							
WEE	2-28	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	8	0.1		0.1							
WEF	2-28	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	8	0.0		0.0							
WEG	2-28	Dry-Mesic Oak-Hickory Forest; Maintained/Disturbed	Headwater Forest	Non-Riparian	4	0.1		0.1							
WEH	2-28/2-29	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	24	<0.1		<0.1							
WEI	2-28	Dry-Mesic Oak-Hickory Forest; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	24	<0.1		<0.1							
WEJ	2-29	Maintained/Disturbed; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	25	0.1		0.1							
WEK	2-29	Maintained/Disturbed	Headwater Forest	Riparian	20	<0.1		<0.1							
WEL	2-29	Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	53	0.2		0.2							
WEM	2-30	Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest	Non-Tidal Freshwater Marsh	Riparian	53	2.5		2.3							
WEN	2-30/2-31	Piedmont/Mountain Bottomland Forest	Non-Tidal Freshwater Marsh	Riparian	53	1.8		1.8							
WEO (1)	2-31	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	20	0.3		0.3							
WEO (2)	2-31	Piedmont/Mountain Bottomland Forest	Non-Tidal Freshwater Marsh	Riparian	53	1.2		0.8							
WEP (1)	2-30/2-31	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	53	1.1		1.1							

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WEP (2)	2-30/2-31	Piedmont/Mountain Bottomland Forest	Non-Tidal Freshwater Marsh	Riparian	53	1.6		1.6							
WEQ	2-30	Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	30	1.2		1.2							
WER	2-30	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	20	0.2									
WES	2-30	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	25	<0.1									
WET	2-30	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	25	0.4									
WEU	2-30	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	25	<0.1									
WEV	2-30	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	25	<0.1		<0.1							
WEW	2-29	Pine Plantation; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	25	<0.1		<0.1							
WEX	2-29	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	25	0.2		0.2							
WEY	2-29	Maintained/Disturbed	Headwater Forest	Riparian	6	0.1		0.1							
WEZ	2-30	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	*	<0.1		<0.1							
WFA	2-29	Maintained/Disturbed	Headwater Forest	Riparian	53	<0.1		<0.1							
WFB	2-29	Maintained/Disturbed	Headwater Forest	Riparian	*	0.1		0.1							
WFC	2-29	Pine Plantation	Headwater Forest	Riparian	10	<0.1		<0.1							
WFD	2-29	Maintained/Disturbed; Pine Plantation	Headwater Forest	Riparian	10	<0.1		<0.1							
WFE	2-28	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	*	<0.1		<0.1							
WFF	2-28	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	10-14	2.0		2.1							
WFG	2-29	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	10	0.1		0.1							
WFH	2-29	Pine Plantation; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	29	0.2		0.2							
WFI	2-29	Maintained/Disturbed; Pine Plantation	Headwater Forest	Non-Riparian	29	<0.1		<0.1							
WFJ	2-33	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	10	0.1									
WFK	2-33	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	14	0.1									
WFL	2-33	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	14	<0.1									
WFM	2-33	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	11	0.5									

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WFN (1)	2-32/2-33	Dry-Mesic Oak-Hickory Forest; Agriculture/Pasture; Non-Tidal Freshwater Marsh; Pine Plantation; Cutover/Early Successional	Headwater Forest	Riparian	16-56	5.8		3.6							
WFN (2)	2-32/2-33	Maintained/Disturbed; Agriculture/Pasture; Non-Tidal Freshwater Marsh; Mesic Mixed Hardwood Forest; Pine Plantation; Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest; Piedmont/Mountain Swamp Forest; Cutover/Early Successional	Non-Tidal Freshwater Marsh	Riparian	56-67	35.7		7.5							
WFO	2-32	Maintained/Disturbed; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	20	<0.1		<0.1							
WFP	2-32	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	20	<0.1		<0.1							
WFQ	2-32	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	20	0.4		0.4							
WFR	2-34	Mesic Mixed Hardwood Forest; Agriculture/Pasture	Headwater Forest	Riparian	33	<0.1		<0.1							
WFS	2-34	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Agriculture/Pasture	Headwater Forest	Riparian	33	<0.1		<0.1							
WFT	2-34	Mesic Mixed Hardwood Forest; Agriculture/Pasture	Headwater Forest	Riparian	33	0.2		0.2							
WFU	2-34	Mesic Mixed Hardwood Forest; Pine Plantation	Headwater Forest	Riparian	6	0.1									
WFV	2-34	Pine Plantation	Headwater Forest	Riparian	22	0.3									
WFW	2-33	Cutover/Early Successional	Headwater Forest	Non-Riparian	11	0.5									
WFX	2-33	Cutover/Early Successional	Headwater Forest	Riparian	25	0.5									
WFY	2-33/2-35	Pine Plantation; Cutover/Early Successional	Headwater Forest	Riparian	11						1.3	1.3			

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WFZ	2-35	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	15						0.2	0.2			
WGA	2-35	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	19						0.1	0.1			
WGB	2-35	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	15			0.1			0.1	0.1			
WGC	2-35	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	11			<0.1			<0.1	<0.1			
WGD	2-35	Mesic Mixed Hardwood Forest; Basic Mesic Forest	Headwater Forest	Riparian	19			1.2			0.4	0.3			
WGE	2-35	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	19			<0.1			<0.1	<0.1			
WGF	2-35	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	12			<0.1			<0.1				
WGG	2-35	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	19			0.2			0.2	0.1			
WGH	2-36	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	19			0.1			0.1	0.1			
WGI	2-36	Maintained/Disturbed	Headwater Forest	Riparian	10			0.1			0.1				
WGJ	2-36	Mesic Mixed Hardwood Forest; Dry Oak-Hickory Forest	Headwater Forest	Non-Riparian	2			0.2			0.2				
WGM	2-36	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	14			<0.1			<0.1				
WGN	2-36	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	10			<0.1			<0.1				
WGO	2-36	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	6			0.1			0.1				
WGP	2-37	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	48			0.3			0.3				
WGQ	2-37	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	14			<0.1			<0.1				
WGR	2-37/2-39	Piedmont/Mountain Bottomland Forest; Maintained/Disturbed; Dry Oak-Hickory Forest	Headwater Forest	Riparian	85			9.0			9.7				
WGS	2-37	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	10			0.3			0.3				
WGT	2-37	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	11			0.3			0.3				
WGU (1)	2-39	Piedmont/Mountain Bottomland Forest	Headwater Forest	Non-Riparian	6						<0.1				
WGU (2)	2-39	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	20		<0.1				3.5				
WGV (1)	2-39/2-91	Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest; Maintained/Disturbed	Non-Tidal Freshwater Marsh	Riparian	27		0.2				0.4				

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WGV (2)	2-39/2-91	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	40		<0.1				6.8				
WGW	2-39/2-91	Piedmont/Mountain Bottomland Forest; Maintained/Disturbed; Cutover/Early Successional	Non-Tidal Freshwater Marsh	Riparian	43-48		0.1				2.3				
WGX (1)	2-39	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	36						0.1				
WGX (2)	2-39	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Bottomland Hardwood Forest	Riparian	26						1.1				
WGY	2-39	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	36						0.1				
WGZ	2-39	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	36						0.2				
WHA	2-39	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	11						0.1				
WHB	2-39	Mesic Mixed Hardwood Forest; Dry Oak-Hickory Forest	Headwater Forest	Riparian	33						1.7				1.7
WHC	2-39	Dry Oak-Hickory Forest	Headwater Forest	Riparian	5		0.1				0.2				0.2
WHD (1)	2-40/2-41	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	7						0.3				0.3
WHD (2)	3-39/3-40	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	14						2.3				0.5
WHE	2-40	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	7						0.1		<0.1		
WHF	2-41	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	7						0.9		0.2		0.9
WHG	2-41	Dry Oak-Hickory Forest	Headwater Forest	Riparian	11						0.3		0.3		
WHH	2-41	Pine Plantation	Headwater Forest	Non-Riparian	11						0.1		0.1		
WHJ	2-42	Mesic Mixed Hardwood Forest; Non-Tidal Freshwater Marsh	Headwater Forest	Riparian	10								1.0		
WHM	2-42	Mesic Mixed Hardwood Forest; Non-Tidal Freshwater Marsh	Non-Tidal Freshwater Marsh	Riparian									1.0		
WHN	2-42	Mesic Mixed Hardwood Forest	Non-Tidal Freshwater Marsh	Riparian	43								<0.1		
WHO	2-42	Mesic Mixed Hardwood Forest	Non-Tidal Freshwater Marsh	Riparian	43								<0.1		
WHP	2-42	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	10								<0.1		
WHQ	2-42	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	7		0.2				0.2		0.2		
WHR	2-42	Agriculture/Pasture	Headwater Forest	Riparian	7		<0.1				<0.1		<0.1		

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WHS	2-42	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	15		0.3				0.3				
WHT	2-42	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	19						0.3				
WHU	2-42	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	10								<0.1		
WHV	2-43	Mesic Mixed Hardwood Forest; Cutover/Early Successional	Headwater Forest	Riparian	14						0.2				
WHW	2-43	Mesic Mixed Hardwood Forest; Cutover/Early Successional	Headwater Forest	Riparian	19						<0.1				
WHX	2-43	Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	14						<0.1				
WHY	2-43	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	14						<0.1				
WHZ	2-43	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	14						<0.1				
WIA	2-43	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	14						<0.1		<0.1		
WIB	2-43	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	14								0.1		
WIC	2-43	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	14								0.1		
WID	2-43	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	14								0.1		
WIE	2-43	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	14								<0.1		
WIF	2-43	Dry-Mesic Oak-Hickory Forest; Piedmont/Low Mountain Alluvial Forest; Cutover/Early Successional	Headwater Forest	Riparian	18						1.4		<0.1		
WIG	2-43	Dry-Mesic Oak-Hickory Forest; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	6-9						0.1		0.1		
WIH	2-43	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	8						0.1		0.1		
WII	2-43	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	10						<0.1		0.1		
WIJ	2-43	Piedmont/Low Mountain Alluvial Forest	Seep	Riparian	10								<0.1		
WIK	2-43	Agriculture/Pasture	Headwater Forest	Non-Riparian	30						<0.1				
WIL	2-43	Agriculture/Pasture	Headwater Forest	Non-Riparian	30						<0.1				
WIM	2-43	Agriculture/Pasture	Headwater Forest	Non-Riparian	30						0.2				

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WIN	2-44	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	13						<0.1				
WIO	2-44	Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	13						0.1		0.1	0.1	
WIP	2-44	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Non-Riparian	10								0.3	0.3	
WIQ	2-44	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Non-Riparian	10								0.1	0.1	
WIR	2-44	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	10						<0.1		0.1	0.1	
WIS	2-44	Maintained/Disturbed; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	9						0.2			0.1	
WIT	2-44	Piedmont/Low Mountain Alluvial Forest; Maintained/Disturbed	Headwater Forest	Riparian	9						0.6		0.3	0.6	
WIU	2-44	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest; Floodplain Pool	Non-Tidal Freshwater Marsh	Riparian	52						0.8		0.4	1.5	
WIV	2-44/2-45	Pine Plantation	Headwater Forest	Riparian	23						0.6		0.6	0.7	
WIW	2-44	Mesic Mixed Hardwood Forest; Pine Plantation; Piedmont/Mountain Bottomland Forest	Non-Tidal Freshwater Marsh	Riparian	52						0.8		0.8	0.8	
WIX	2-45	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Pine Plantation; Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest; Agriculture/Pasture; Pine Plantation; Floodplain Pool	Non-Tidal Freshwater Marsh	Riparian	43-52						1.9	7.2	1.9	1.7	
WIY	2-45	Mesic Mixed Hardwood Forest; Pine Plantation	Headwater Forest	Non-Riparian	10						0.4	0.4		0.4	
WIZ	2-45	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	11						0.2				
WJA	2-45	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	11						0.3				
WJB	2-46	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	23						0.3				

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WJC	2-46	Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	20						0.1				
WJD	2-46	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	20						0.4				
WJE	2-46	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20						0.2				
WJF	2-46	Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest	Bottomland Hardwood Forest	Riparian	30						3.0				
WJG	2-46	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	10						0.2				
WJH	2-46	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	8						0.3				
WJI	2-47	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Non-Riparian	20						0.1				
WJJ (1)	2-47/2-49	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest; Pine Plantation; Piedmont/Low Mountain Alluvial Forest	Bottomland Hardwood Forest	Riparian	12						12.2				
WJJ (2)	2-47/2-49	Mesic Mixed Hardwood Forest; Pine Plantation; Piedmont/Mountain Bottomland Forest; Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Non-Tidal Freshwater Marsh	Riparian	76						17.5				
WJK	2-47	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	28						0.8				
WJL	2-48	Maintained/Disturbed	Headwater Forest	Riparian	8						<0.1				
WJM	2-48	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest; Dry Oak-Hickory Forest	Headwater Forest	Non-Riparian	26						0.4				

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Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WJN	2-48	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	4						0.0				
WJO	2-48	Floodplain Pool	Headwater Forest	Riparian	24						0.5				
WJP	2-48	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	23						0.3				
WJQ	2-48	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	10						0.3				
WJR	2-48	Maintained/Disturbed	Headwater Forest	Riparian	15						0.2				
WJS	2-48	Maintained/Disturbed	Headwater Forest	Riparian	24						0.2				
WJT	2-49	Maintained/Disturbed; Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	13						<0.1				
WJU	2-49	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	13						<0.1				
WJV	2-48	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	17						<0.1				
WJW	2-48	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	17						<0.1				
WJX	2-49	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	12						0.1				
WJY	2-47	Mesic Mixed Hardwood Forest	Floodplain Pool	Riparian	39						0.5				
WJZ	2-70	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	69							18.8			
WKA	2-71/2-72	Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest; Maintained/Disturbed	Bottomland Hardwood Forest	Riparian	69							15.5		4.0	
WKB	2-72	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	69							3.6		3.6	
WKC	2-72	Maintained/Disturbed; Agriculture/Pasture; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	47-63							2.6		2.6	
WKD	2-73	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	25							1.1		1.1	
WKE	2-73	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	14							0.1		0.1	

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WKF	2-74	Maintained/Disturbed; Piedmont/Low Mountain Alluvial Forest	Non-Tidal Freshwater Marsh	Riparian	53							0.3		0.3	
WKG	2-74	Piedmont/Low Mountain Alluvial Forest	Non-Tidal Freshwater Marsh	Riparian	53							<0.1		<0.1	
WKH	2-73	Maintained/Disturbed	Non-Tidal Freshwater Marsh	Riparian	53							<0.1		<0.1	
WKI	2-74	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	14							<0.1		<0.1	
WKJ	2-74	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	10									0.1	
WKK	2-74	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non Riparian	23									<0.1	
WKL	2-74	Pine Plantation; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Non Riparian	14							0.1			0.1
WKM	2-74	Mesic Mixed Hardwood Forest	Headwater Forest	Non Riparian	10									<0.1	
WKN	2-75	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Non-Riparian	23							0.1			0.1
WKO	2-74/2-75	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest; Agriculture/Pasture	Headwater Forest	Riparian	17							0.6			0.6
WKP	2-74	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Non-Riparian	6							<0.1			<0.1
WKQ	2-75	Maintained/Disturbed; Pine Plantation; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	10							0.3			0.3
WKR	2-75	Mesic Mixed Hardwood Forest; Pine Plantation	Headwater Forest	Riparian	24							0.3			
WKS	2-74	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	4							<0.1			<0.1
WKT	2-75	Maintained/Disturbed; Pine Plantation	Headwater Forest	Riparian	23							0.3			0.3
WKU	2-75	Maintained/Disturbed	Headwater Forest	Non-Riparian	23							<0.1			<0.1
WKV	2-75	Pine Plantation	Headwater Forest	Riparian	23							0.1			0.1
WKW	2-75	Maintained/Disturbed	Headwater Forest	Non-Riparian	39							<0.1			<0.1
WKX	2-77	Maintained/Disturbed	Headwater Forest	Non-Riparian	19							<0.1			
WKY	2-77	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20							<0.1			

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WKZ	2-44	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Non-Tidal Freshwater Marsh	Riparian	45							0.9			
WLA	2-44	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	34							0.2			
WLB	2-44	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	19							<0.1			
WLC	2-44	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20							<0.1			
WLD	2-45	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	17							<0.1			
WLE	2-41	Basic Mesic Forest	Headwater Forest	Riparian	15						<0.1		<0.1		
WLF	2-41	Basic Mesic Forest; Pine Plantation	Headwater Forest	Riparian	15		<0.1				<0.1		<0.1		
WLG	2-41	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	56										0.2
WLH	2-41	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	56										0.4
WLI	2-41	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	56										0.1
WLJ	2-74	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	53										0.3
WLK	2-41/2-74	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	53										0.6
WLL	2-75	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20							<0.1		<0.1	<0.1
WLM	2-75	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20									<0.1	
WLN	2-75	Piedmont/Mountain Bottomland Forest	Non-Tidal Freshwater Marsh	Riparian	54									0.3	
WLO	2-75	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	46									0.2	
WLP	2-43	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	32									0.1	
WMD	2-68	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	11			0.2							
WME	2-68	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	39			3.6							
WMF	2-20	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	18			0.9							

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WMG	2-20	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest; Piedmont/Low Mountain Alluvial Forest; Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	43	<0.1		7.7							
WMH	2-68	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	1			0.1							
WMI	2-68	Maintained/Disturbed; Piedmont/Low Mountain Alluvial Forest	Riverine Swamp Forest	Riparian	34			2.2							
WMJ	2-68	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Non-Riverine Swamp Forest	Riparian	29			0.9							
WMK	2-68	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	19			0.2		0.5					
WML	2-68	Piedmont/Low Mountain Alluvial Forest; Maintained/Disturbed	Non-Riverine Swamp Forest	Riparian	35			2.2		1.3					
WMM	2-68	Piedmont/Mountain Swamp Forest	Non-Riverine Swamp Forest	Riparian	35			0.3							
WMN	2-24	Mesic Mixed Hardwood Forest	Non-Tidal Freshwater Marsh	Riparian	27			0.0							
WMO	2-24	Piedmont/Mountain Bottomland Forest	Riverine Swamp Forest	Riparian	24			0.3							
WMP	2-24	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	15			<0.1							
WMQ	2-24	Piedmont/Mountain Bottomland Forest	Non-Tidal Freshwater Marsh	Riparian	32			0.2							
WMR	2-24	Piedmont/Mountain Bottomland Forest	Riverine Swamp Forest	Riparian	35			0.4							
WMS	2-24	Piedmont/Mountain Bottomland Forest	Riverine Swamp Forest	Riparian	32			0.3							
WMT (1)	2-24	Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	40			2.5							

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WMT (2)	2-24/2-26	Piedmont/Mountain Bottomland Forest	Non-Tidal Freshwater Marsh	Riparian	41			1.1							
WMV	2-24	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	10			<0.1		<0.1					
WMW	2-26	Mesic Mixed Hardwood Forest	Non-Tidal Freshwater Marsh	Riparian	35			0.2							
WMX	2-28	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	14			0.1							
WMY	2-26	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	19			0.1							
WMZ	2-28	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	30			0.2							
WNA	2-28	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	30			1.3							
WNB	2-28	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	30			2.5							
WNC	2-28/2-35	Piedmont/Mountain Bottomland Forest; Mesic Mixed Hardwood Forest; Maintained/Disturbed	Bottomland Hardwood Forest	Riparian	30			2.8							
WND	2-27	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	14			0.1							
WNE	2-28	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	8			0.2							
WNF	2-28/2-35	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	10			<0.1							
WNG	2-35	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	18			0.1							
WNH	2-35	Mesic Mixed Hardwood Forest	Seep	Riparian	8			<0.1							
WNI	2-28	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	10			0.1							
WNJ	2-36	Dry Oak-Hickory Forest	Headwater Forest	Riparian	8			<0.1			<0.1				
WNN	2-70	Mesic Mixed Hardwood Forest	Non-Tidal Freshwater Marsh	Riparian	17							<0.1			
WNO	2-23	Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	10	<0.1									
WNP	2-29	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	10			0.1							
WNQ	2-27	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	12		<0.1	<0.1							

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WNR	2-27	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	16		0.4	0.4							
WNT	2-31	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	0	<0.1									
WOC	2-94	Dry-Mesic Oak-Hickory Forest	Unknown	Riparian	*		<0.1								
WOD	2-94	Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Unknown	Riparian	*		0.2								
WOF	2-12	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	14		0.1								
WOG	2-12	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	14		<0.1								
WOH	2-78	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	19		<0.1								
WOI	2-78	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	19		0.1								
WOJ	2-78	Cutover/Early Successional	Headwater Forest	Riparian	24		1.1								
WOK	2-78	Mesic Mixed Hardwood Forest; Cutover/Early Successional	Headwater Forest	Riparian	24		<0.1								
WOL	2-12/2-78	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	24		2.6								
WOM	2-78	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	19		<0.1								
WON	2-78	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20		0.4								
WOO	2-12	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20		0.3								
WOP	2-80	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	16		0.2								
WOQ	2-80	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	53		3.3								
WOR	2-80/2-81	Mesic Mixed Hardwood Forest; Pine Plantation	Bottomland Hardwood Forest	Riparian	53		1.1								
WOS	2-80	Mesic Mixed Hardwood Forest; Pine Plantation	Bottomland Hardwood Forest	Riparian	53		0.7								
WOT	2-81	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	53		<0.1								
WOU	2-81	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	53		0.3								
WOV	2-81	Mesic Mixed Hardwood Forest; Pine Plantation	Bottomland Hardwood Forest	Riparian	53		0.2								
WOW	2-81	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	53		0.3								
WOX	2-81	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	53		0.4								

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WOY	2-81	Mesic Mixed Hardwood Forest; Pine Plantation	Bottomland Hardwood Forest	Riparian	53		0.6								
WOZ	2-82/2-83	Mesic Mixed Hardwood Forest; Non-Tidal Freshwater Marsh	Non-Tidal Freshwater Marsh	Riparian	62		28.5								
WPA	2-12	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	24		0.7								
WPB	2-12	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	15		0.1								
WPC	2-82	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	12		0.1								
WPD	2-82	Pine Plantation	Headwater Forest	Riparian	11		<0.1								
WPE	2-82	Agriculture/Pasture	Headwater Forest	Riparian	19		0.1								
WPF	2-83	Agriculture/Pasture	Seep	Riparian	24		0.4								
WPG	2-84	Piedmont/Low Mountain Alluvial Forest	Bottomland Hardwood Forest	Riparian	19		0.2								
WPL	2-84	Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest	Bottomland Hardwood Forest	Riparian	38		0.9								
WPM	2-83	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	43		0.1								
WPP	2-93	Pine Plantation; Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest; Maintained/Disturbed	Headwater Forest	Riparian	11		<0.1								
WPQ	2-85	Piedmont/Low Mountain Alluvial Forest	Floodplain Pool	Riparian	11		<0.1								
WPS	2-85	Piedmont/Low Mountain Alluvial Forest	Bottomland Hardwood Forest	Riparian	35		0.4								
WPT	2-93	Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	11		0.1								
WPU	2-86	Pine Plantation; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	15		0.1								
WPV	2-90	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	21		0.1								
		Maintained/Disturbed	Headwater Forest	Riparian	21		<0.1								

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WPX	2-27	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	15		<0.1	<0.1							
WPY	2-27	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	15		<0.1	<0.1							
WQA	2-27	Dry-Mesic Oak-Hickory Forest	Bottomland Hardwood Forest	Riparian	19		0.2	0.1							
WQC	2-27	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	13		0.1	0.1							
WQE	2-90	Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest; Dry Oak-Hickory Forest	Headwater Forest	Riparian	19		0.3								
WQF	2-93	Pine Plantation	Headwater Forest	Riparian	9		<0.1								
WQH	2-86	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest; Non-Tidal Freshwater Marsh	Bottomland Hardwood Forest	Riparian	39		8.3								
WQI	2-88	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	15		0.1								
WQJ	2-88	Mesic Mixed Hardwood Forest	Seep	Riparian	9		<0.1								
WQK	2-88	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	15		<0.1								
WQL	2-88	Mesic Mixed Hardwood Forest	Seep	Riparian	9		<0.1								
WQM	2-88	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	11		0.1								
WQN	2-88	Dry-Mesic Oak-Hickory Forest	Seep	Riparian	5		<0.1								
WQO	2-89	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	19		0.2								
WQP	2-89/2-90	Piedmont/Mountain Bottomland Forest; Piedmont/Low Mountain Alluvial Forest; Maintained/Disturbed	Headwater Forest	Riparian	30		3.7								
WQQ	2-89	Pine Plantation; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	30		0.1								
WQR	2-89	Pine Plantation	Headwater Forest	Riparian	30		0.1								
WQS	2-89	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	15		<0.1								
WQT	2-89	Pine Plantation	Headwater Forest	Riparian	15		0.1								
WQU	2-93	Dry Oak-Hickory Forest	Headwater Forest	Riparian	7		0.1								
WQV	2-93	Maintained/Disturbed; Dry Oak-Hickory Forest	Headwater Forest	Riparian	15		0.2								
WQW	2-93	Dry Oak-Hickory Forest	Headwater Forest	Riparian	15		0.2								

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WQX (1)	2-90/2-91/ 2-92/2-93	Mesic Mixed Hardwood Forest; Non-Tidal Freshwater Marsh; Maintained/Disturbed; Dry Oak-Hickory Forest; Basic Mesic Forest	Non-Tidal Freshwater Marsh	Riparian	62		17.3								
WQZ	2-90	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	34		0.1								
WRD	2-90	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	4		0.2								
WRE	2-91	Basic Mesic Forest	Headwater Forest	Riparian	35		<0.1								
WRF	2-91	Mesic Mixed Hardwood Forest; Basic Mesic Forest	Headwater Forest	Riparian	35		0.1								
WRG	2-91	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Basic Mesic Forest	Headwater Forest	Riparian	35		0.9								
WRH	2-91	Mesic Mixed Hardwood Forest; Basic Mesic Forest	Headwater Forest	Riparian	35		0.1								
WRI	2-91	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest; Basic Mesic Forest	Headwater Forest	Riparian	35		2.3								
WRJ	2-39/2-91	Mesic Mixed Hardwood Forest; Agriculture/Pasture	Headwater Forest	Riparian	18		0.2								
WRK	2-39	Mesic Mixed Hardwood Forest	Bottomland Hardwood Forest	Riparian	43		0.9								
WRL	2-40	Basic Mesic Forest	Headwater Forest	Riparian	22		0.2								
WRM	2-40	Basic Mesic Forest	Headwater Forest	Riparian	22		0.3								
WRN	2-40	Basic Mesic Forest	Headwater Forest	Riparian	22		<0.1								
WRO	2-40	Maintained/Disturbed; Agriculture/Pasture; Basic Mesic Forest	Headwater Forest	Riparian	22		<0.1								
WRP	2-40	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	18		0.1								
WRQ	2-40	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	18		0.2								
WRR	2-40	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	18		0.1								
WRS	2-40	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	18		<0.1								

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WRT	2-40	Mesic Mixed Hardwood Forest; Basic Mesic Forest	Headwater Forest	Riparian	14		<0.1								
WRU	2-40	Mesic Mixed Hardwood Forest; Basic Mesic Forest	Headwater Forest	Riparian	14		0.1								
WRV	2-42	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	14		0.1								
WRW	2-40	Basic Mesic Forest	Headwater Forest	Riparian	14		0.3								
WRX	2-90	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Non-Tidal Freshwater Marsh	Non-Tidal Freshwater Marsh	Riparian	50		0.9								
WRY	2-90	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	6		0.2								
WRZ	2-40	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	10		0.1								
WSA	2-89	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	8		0.1								
WSB	2-90	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	28		0.2								
WSC	2-93	Mesic Mixed Hardwood Forest; Floodplain Pool	Floodplain Pool	Riparian	38		0.9								
WSD	2-93	Mesic Mixed Hardwood Forest; Pine Plantation	Headwater Forest	Riparian	43		0.8								
WSE	2-38	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20						0.1				
WSF	2-90	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	30		0.3								
WSG	2-56	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	16					0.1					
WSH	2-56	Pine Plantation; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	16					0.1					
WSI	2-56	Pine Plantation; Agriculture/Pasture	Headwater Forest	Riparian	16					0.1					
WSJ	2-58	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	14					0.1					
WSK	2-57	Dry-Mesic Oak-Hickory Forest; Non-Tidal Freshwater Marsh	Bottomland Hardwood Forest	Riparian	52					0.7					
WSL	2-57	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	10					0.1					
WSM	2-58	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	6					<0.1					
WSN	2-58	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	4					<0.1					
WSO	2-58	Dry-Mesic Oak-Hickory Forest; Agriculture/Pasture	Headwater Forest	Riparian	8					<0.1					

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Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WSP	2-58	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	24					0.6					
WSQ	2-58	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	24					0.2					
WSR	2-59	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	18					0.1					
WSS	2-59	Cutover/Early Successional	Headwater Forest	Riparian	20					0.4					
WST	2-59	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20					0.7					
WSU	2-59	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	12					0.1					
WSV	2-59	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	12					0.1					
WSW	2-59	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	12					0.3					
WSX	2-60	Cutover/Early Successional	Headwater Forest	Riparian	4					<0.1					
WSY	2-60	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	6					0.4					
WSZ	2-61	Dry-Mesic Oak-Hickory Forest; Agriculture/Pasture	Headwater Forest	Riparian	10					0.1					
WTA	2-60	Piedmont/Low Mountain Alluvial Forest	Bottomland Hardwood Forest	Riparian	29					1.3					
WTB	2-62	Maintained/Disturbed; Agriculture/Pasture	Headwater Forest	Riparian	9					0.1					
WTC	2-60	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	29					0.3					
WTD	2-60/2-61	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	27					0.5					
WTE	2-61	Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	20-26					1.5					
WTF	2-61	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	16					0.4					
WTG	2-61	Piedmont/Mountain Bottomland Forest; Non-Tidal Freshwater Marsh	Bottomland Hardwood Forest	Riparian	24					1.2					
WTH	2-62	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	12					0.3					
WTI	2-61	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	10					<0.1					
WTJ	2-61	Non-Tidal Freshwater Marsh; Piedmont/Low Mountain Alluvial Forest	Non-Tidal Freshwater Marsh	Riparian	34					0.7					

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Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WTK	2-61	Mesic Mixed Hardwood Forest; Non-Tidal Freshwater Marsh	Headwater Forest	Riparian	20					<0.1					
WTK	2-61	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	20					1.0					
WTL	2-63	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	47					3.8					
WTM	2-63	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	19					0.2					
WTN	2-61/2-63	Cutover/Early Successional; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	23-43					1.6					
WTO	2-61	Maintained/Disturbed; Cutover/Early Successional	Bottomland Hardwood Forest	Riparian	43					0.2					
WTP	2-61/2-63	Cutover/Early Successional	Bottomland Hardwood Forest	Riparian	43					2.2					
WTQ	2-63	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	12					0.7					
WTR	2-63	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	29					0.9					
WTS	2-63	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	29					0.1					
WTT	2-63	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	29					0.2					
WTU	2-64	Piedmont/Mountain Bottomland Forest	Headwater Forest	Riparian	30					1.8					
WTV	2-64	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	26					1.1					
WTW	2-64	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	26					<0.1					
WTX	2-64	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	13					<0.1					
WTY	2-64	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	16					0.1					
WTZ	2-64	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	26					1.6					
WUA	2-64	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	27					1.0					

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WUB	2-65	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	11					0.1					
WUC	2-65	Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	11					0.1					
WUD	2-65	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	15					0.1					
WUE	2-61	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	10					0.1					
WUF	2-62	Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	15					0.3					
WUG	2-22	Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest	Headwater Forest	Riparian	30					1.7					
WUH	2-22	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	31					2.1					
WUI	2-22/2-68	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	31					0.5					
WUJ	2-66/2-67	Mesic Mixed Hardwood Forest; Dry-Mesic Oak-Hickory Forest; Agriculture/Pasture; Non-Tidal Freshwater Marsh	Non-Tidal Freshwater Marsh	Riparian	49					5.9					
WUK	2-66	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	14					0.9					
WUM	2-22	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	10					0.3					
WUN	2-22	Mesic Mixed Hardwood Forest; Maintained/Disturbed	Headwater Forest	Riparian	10					0.8					
WUO	2-6	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Non-Tidal Freshwater Marsh	Non-Riparian	9				0.2						
WUP	2-6	Pine Plantation; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	12				0.5						
WUQ	2-50	Dry-Mesic Oak-Hickory Forest; Piedmont/Low Mountain Alluvial Forest	Basin Wetland	Riparian	20				0.2						

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WUR	2-50	Piedmont/Low Mountain Alluvial Forest	Seep	Riparian	16				<0.1						
WUS	2-50	Mesic Mixed Hardwood Forest	Seep	Riparian	16				<0.1						
WUT	2-50	Piedmont/Low Mountain Alluvial Forest	Floodplain Pool	Riparian	1				<0.1						
WUU	2-50	Mesic Mixed Hardwood Forest	Floodplain Pool	Riparian	18				<0.1						
WUV	2-50	Mesic Mixed Hardwood Forest; Piedmont/Low Mountain Alluvial Forest	Floodplain Pool	Riparian	18				0.3						
WUW	2-51	Piedmont/Mountain Bottomland Forest	Non-Tidal Freshwater Marsh	Riparian	29				0.3						
WUX	2-51	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	7				<0.1						
WUY	2-51	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	20				0.2						
WUZ	2-51	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	19				0.6						
WVA	2-51	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Piedmont/Mountain Bottomland Forest	Bottomland Hardwood Forest	Riparian	31				2.5						
WVB	2-51	Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	24				1.5						
WVC	2-51	Piedmont/Mountain Bottomland Forest	Floodplain Pool	Riparian	11				0.1						
WVD	2-54	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Agriculture/Pasture	Headwater Forest	Riparian	36				3.8						
WVE	2-54	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	20				1.6						
WVF	2-54	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	16				0.4						
WVG	2-52	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	14				<0.1						
WVH	2-52	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	10				<0.1						
WVI	2-52	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	12				0.1						

Continues

Table 3 Continued

Map ID	Figure Number	Community Type	NCWAM Classification	Hydrologic Classification	DWQ Wetland Rating	Area (ac)									
						Southern Section Alternatives					Eastern Section Alternatives				
						Orange	Red	Lilac	Purple	Blue	Green	Brown	Mint	Tan	Teal
WVJ	2-53	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	26				0.3						
WVK	2-54	Mesic Mixed Hardwood Forest	Headwater Forest	Riparian	18				0.1						
WVL	2-55	Mesic Mixed Hardwood Forest; Piedmont/Mountain Bottomland Forest; Dry-Mesic Oak-Hickory Forest; Agriculture/Pasture; Non-Tidal Freshwater Marsh	Non-Tidal Freshwater Marsh	Riparian	36				7.9						
WVM	2-55	Piedmont/Mountain Bottomland Forest; Non-Tidal Freshwater Marsh	Non-Tidal Freshwater Marsh	Riparian	36				1.6						
WVN	2-55	Agriculture/Pasture	Non-Tidal Freshwater Marsh	Riparian	36				<0.1						
WVO	2-54	Mesic Mixed Hardwood Forest; Maintained/Disturbed; Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	18				0.7						
WVP	2-56	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Non-Riparian	16				0.1						
WVQ	2-55	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	18				0.9						
WVR	2-55	Mesic Mixed Hardwood Forest	Headwater Forest	Non-Riparian	18				0.3						
WVS	2-54	Dry-Mesic Oak-Hickory Forest	Headwater Forest	Riparian	17				0.1						
					Total	**236.9**	**102.4**	**69.1**	**27.9**	**43.3**	**80.7**	**55.0**	**7.3**	**18.9**	**6.6**

* Pre-existing jurisdictional determination completed by others (I-5111)

Appendix A

Right-of-Entry Letter

STATE OF NORTH CAROLINA
TURNPIKE AUTHORITY

MICHAEL F. EASLEY
GOVERNOR

1578 MAIL SERVICE CENTER, RALEIGH, N.C. 27699-1578

DAVID W. JOYNER
EXECUTIVE DIRECTOR

October 12, 2009

To Whom It May Concern:

The North Carolina Turnpike Authority (NCTA) has retained the services of the private engineering firm H.W. Lochner, Inc. to perform project development, environmental and engineering studies for the Southern and Eastern Freeway projects (North Carolina Department of Transportation [NCDOT] State Transportation Improvement Program [STIP] Nos. R-2721, R-2828, & R-2829).

As an agent of the NCTA, representatives of H.W. Lochner, Inc. and its subconsultants are authorized to enter upon any lands and structures to carry out and perform their duties as stated under North Carolina General Statute 136-89.194(d). The NCTA solicits your cooperation in this work by permitting personnel of these firms entry onto property owned or controlled by you in order that required field work may be conducted.

If you have any questions or concerns regarding this matter, you may contact Ms. Jennifer Harris, P.E. at (919) 571-3004 or jennifer.harris@ncturnpike.org.

Thank you for your cooperation.

Sincerely,

Steven D. DeWitt, P.E.

Chief Engineer

Appendix B

Figures

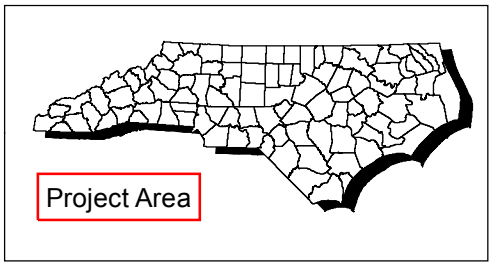
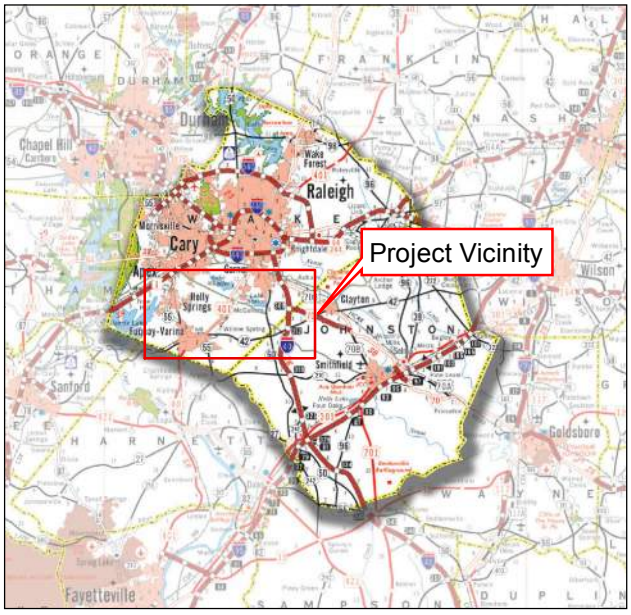


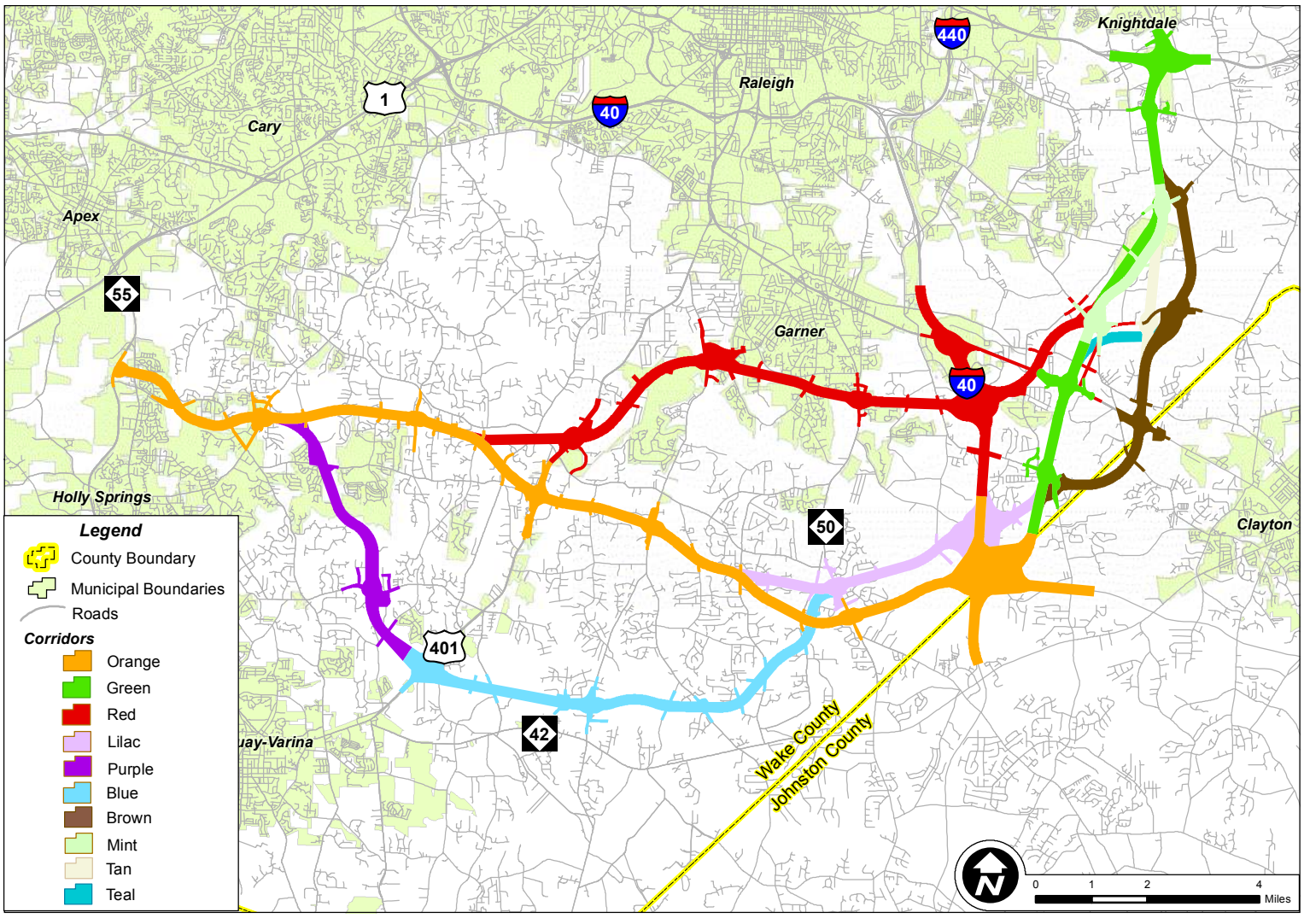
Figure 1

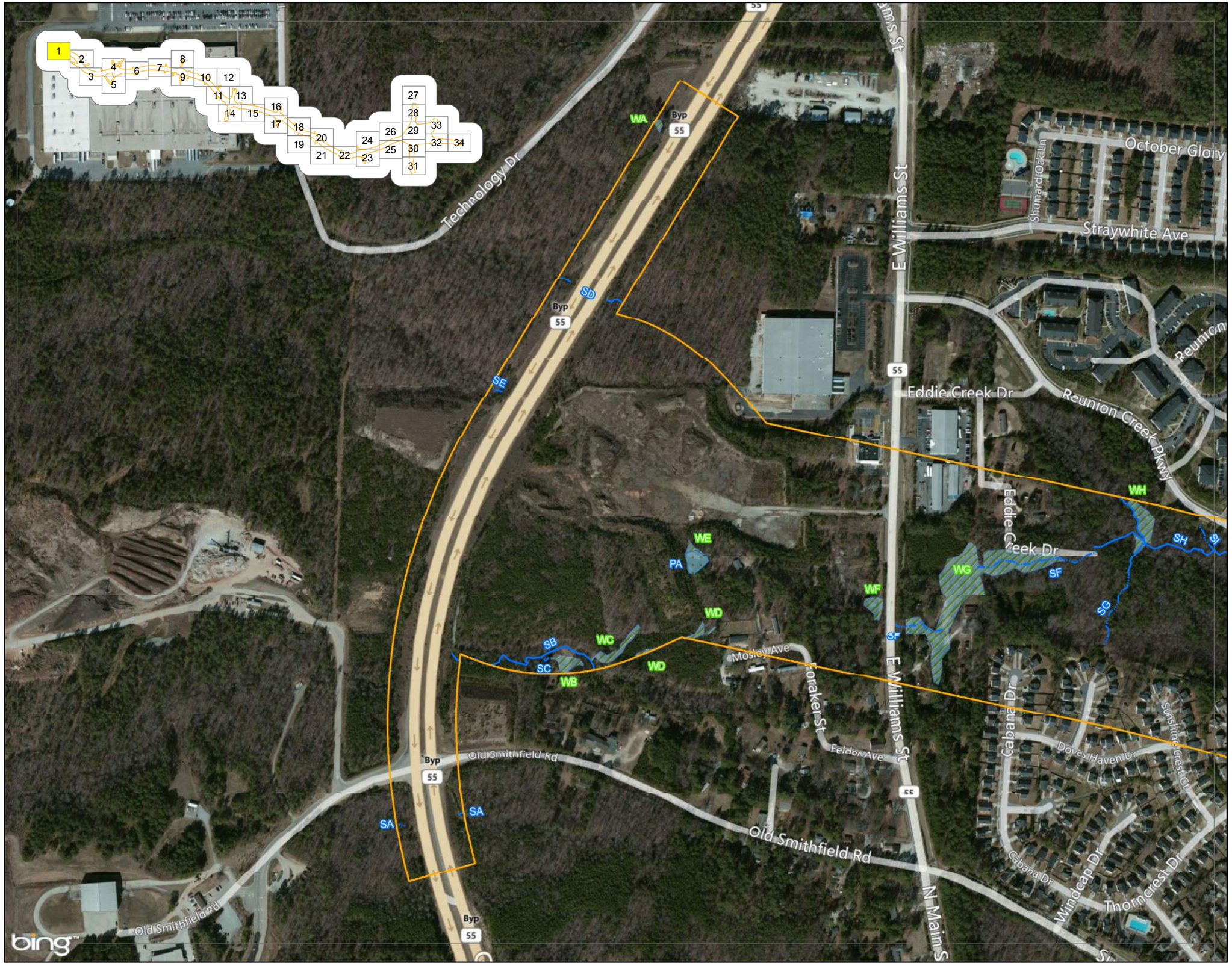
Project Vicinity

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, North Carolina







Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

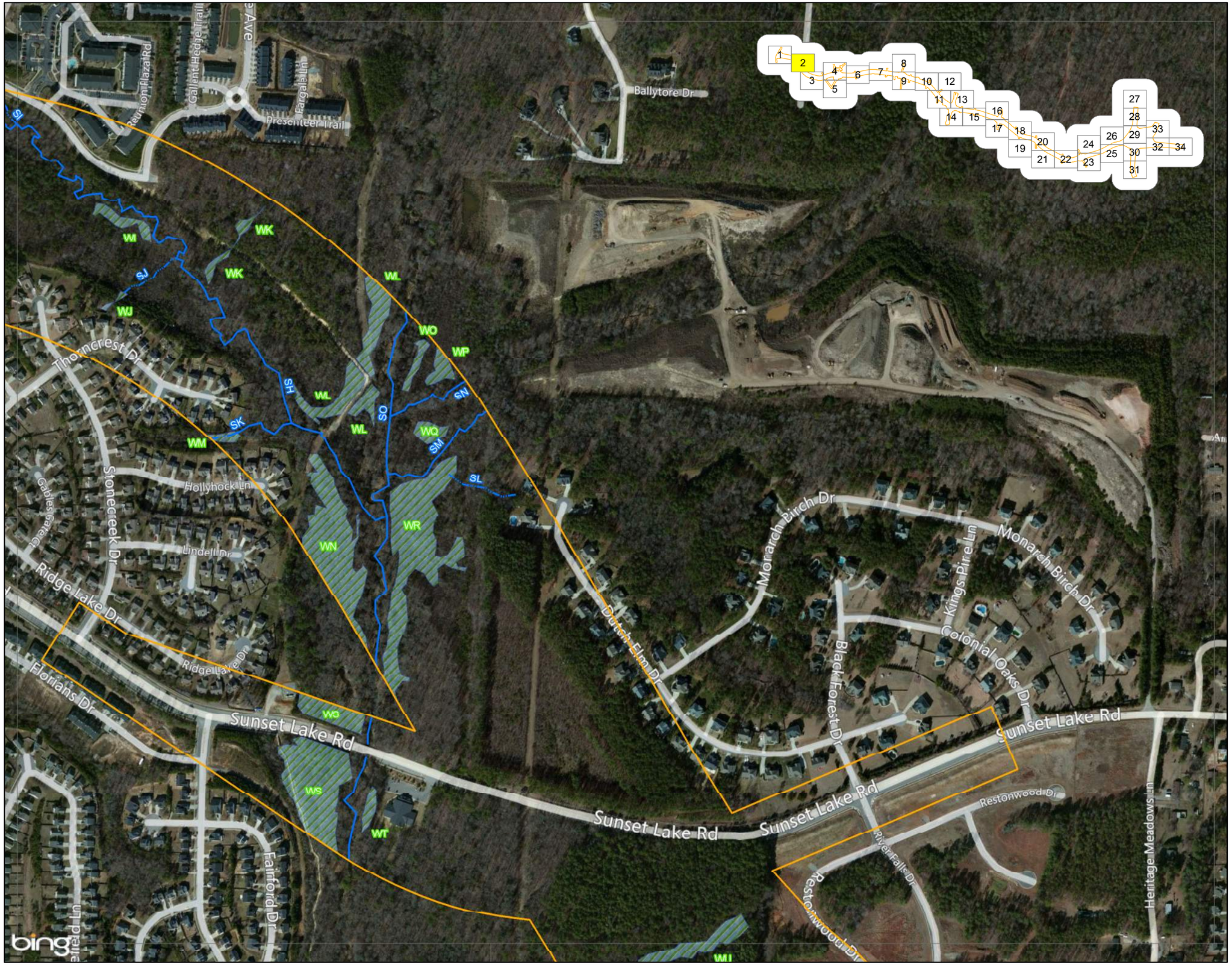
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-1



Legend

- Map Grid
- Roads
- County Boundary

Corridors

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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

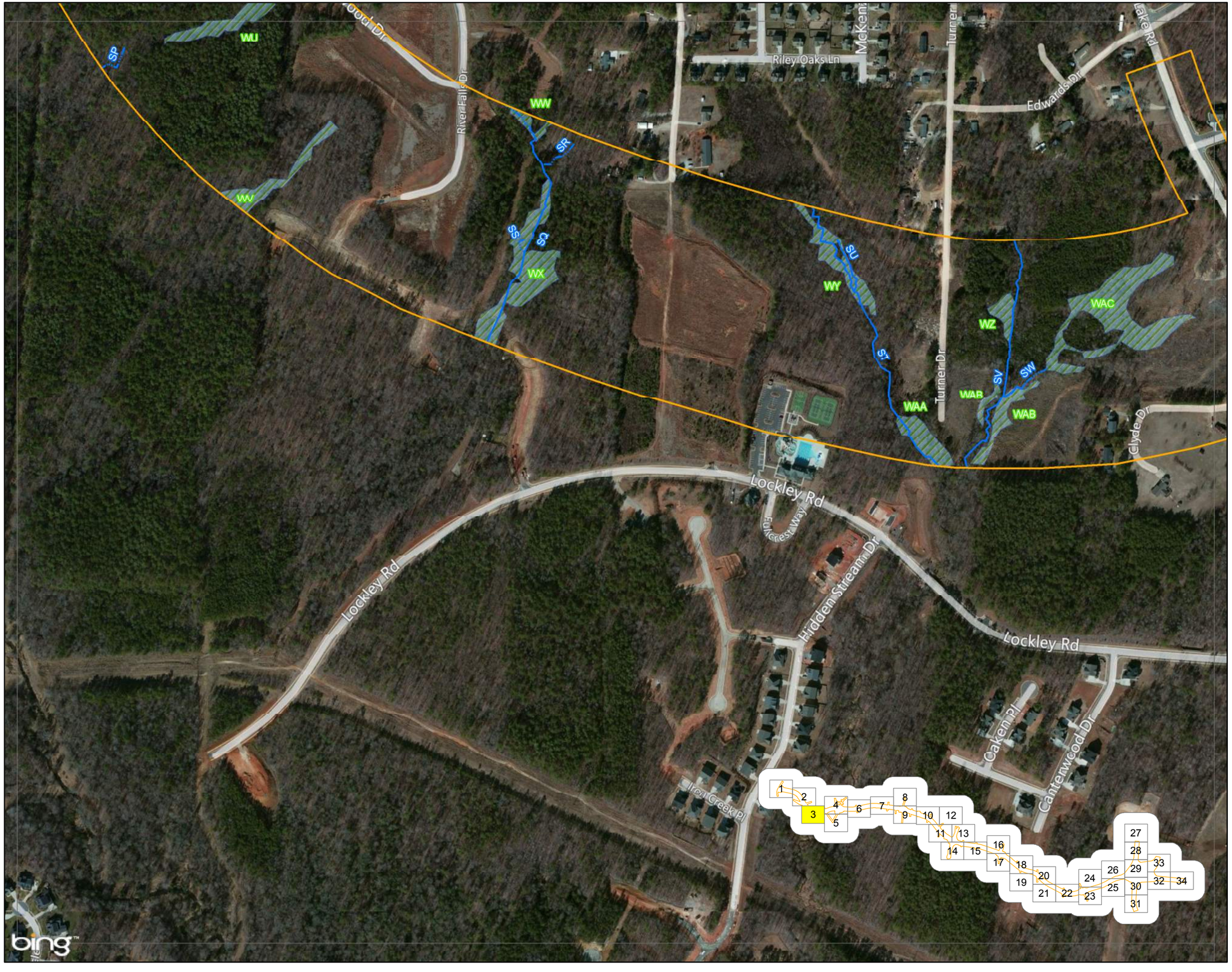
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-2



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
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Features

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- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

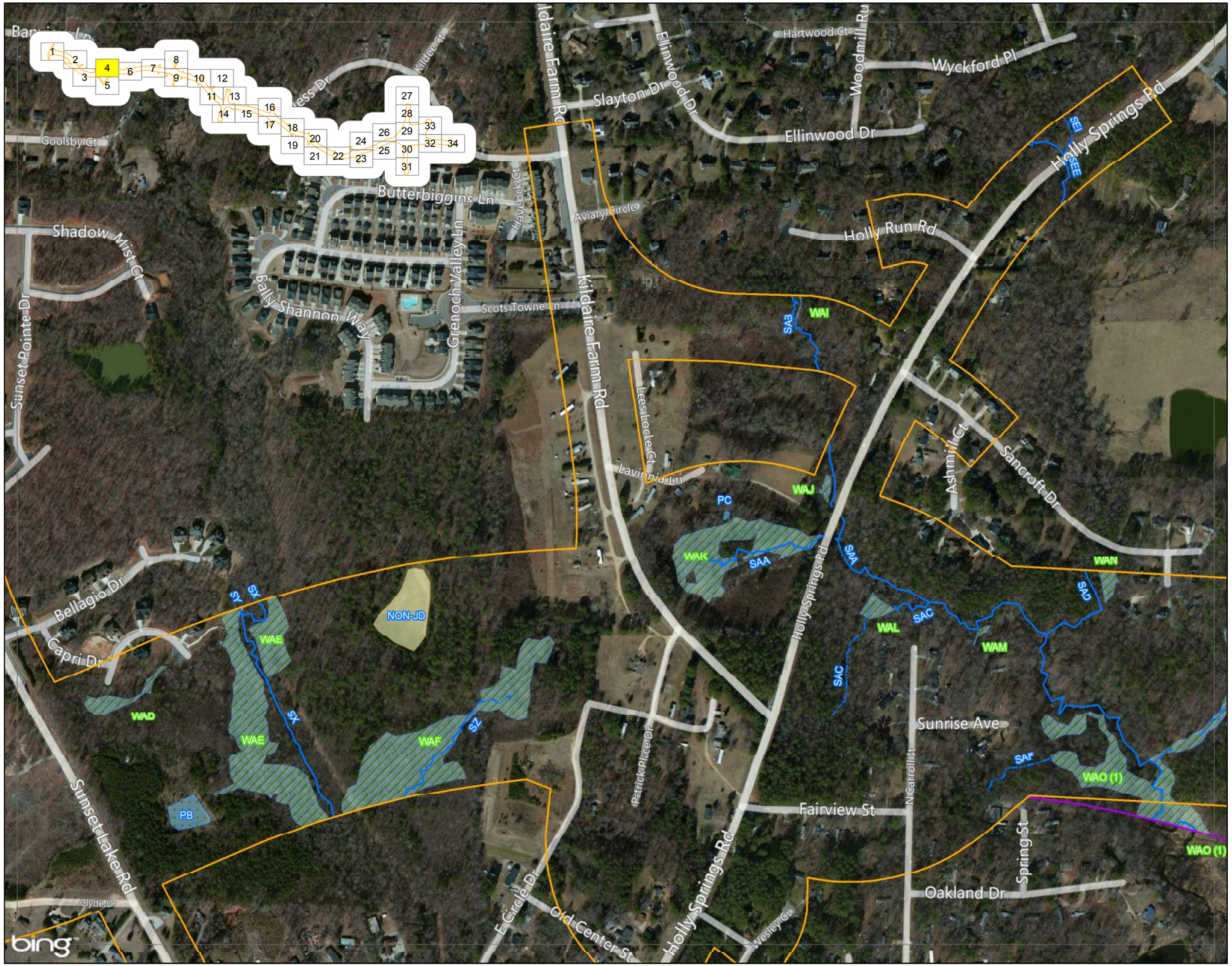
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-3



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
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Features

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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

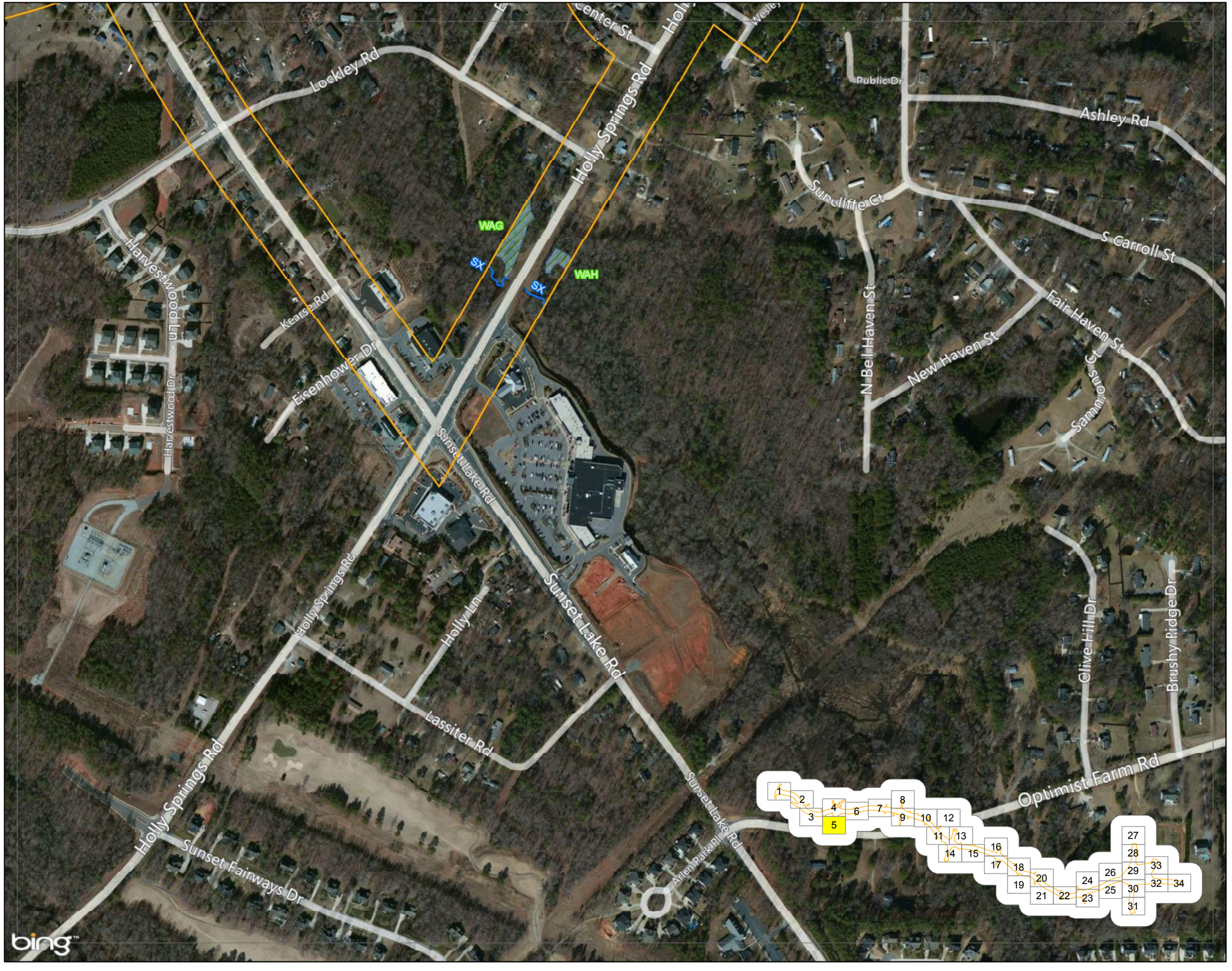
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-4



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
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Features

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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

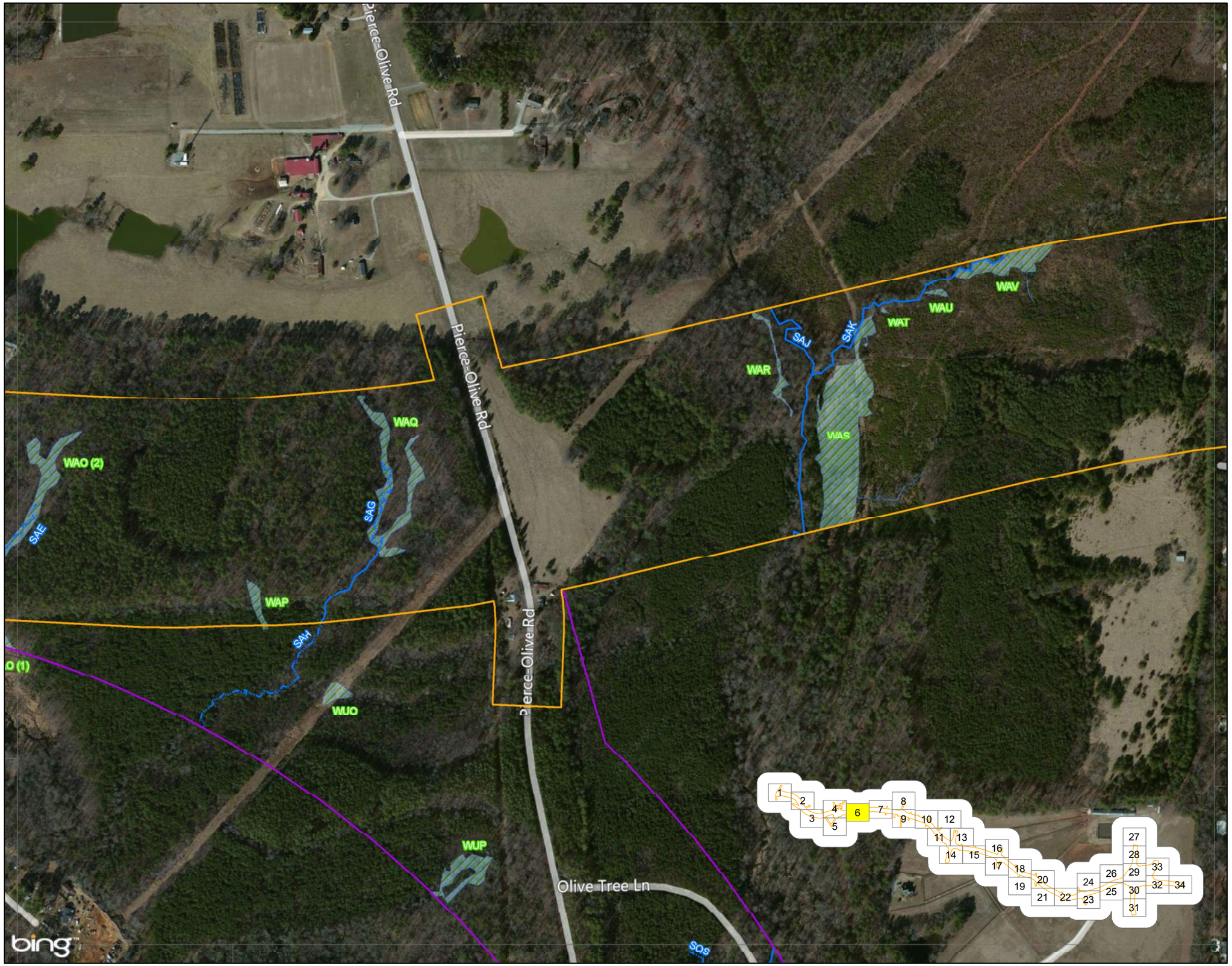
Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-5



Legend

- Map Grid
- Roads
- County Boundary

Corridors

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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

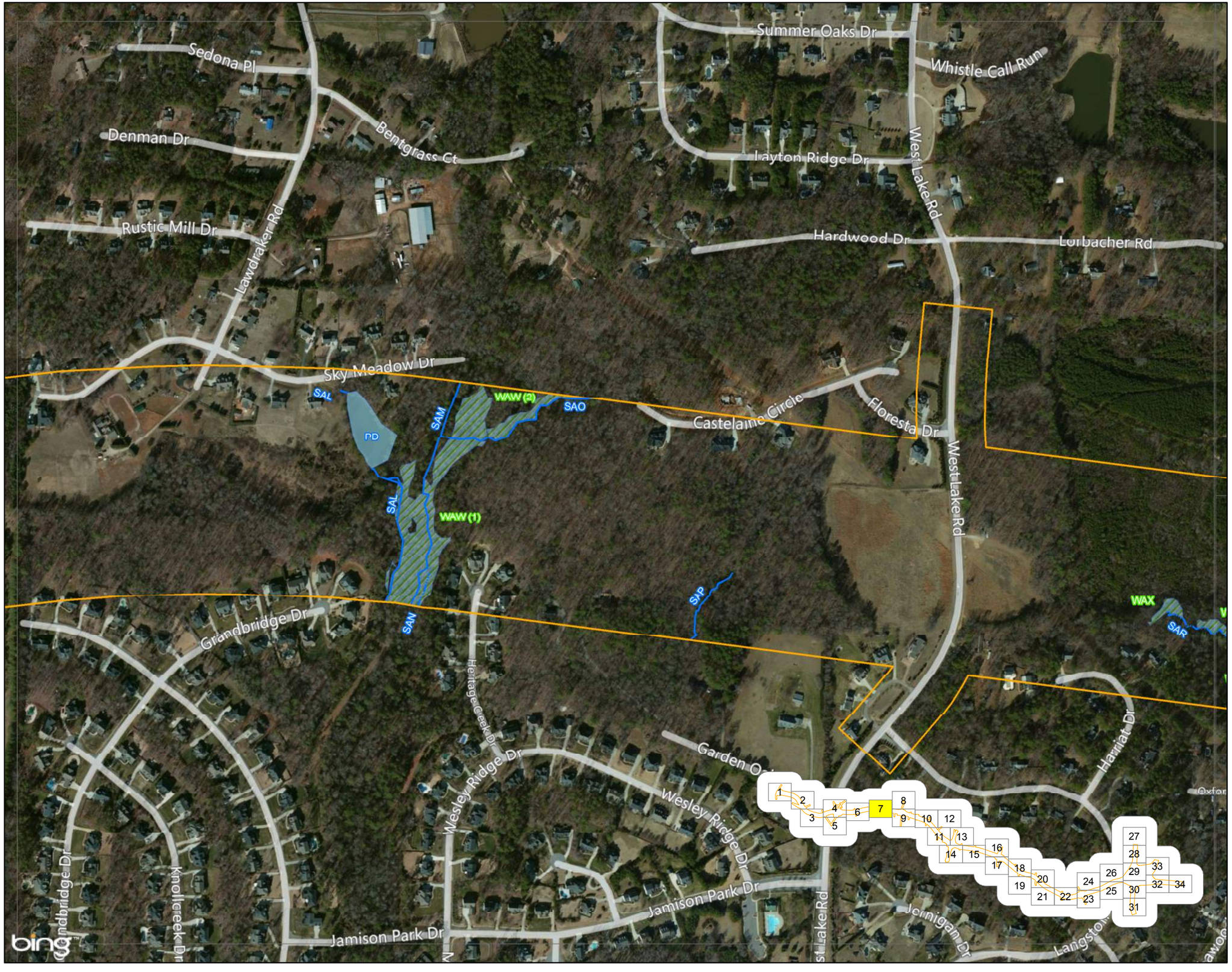
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-6



Legend

- Map Grid
- Roads
- County Boundary

Corridors

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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

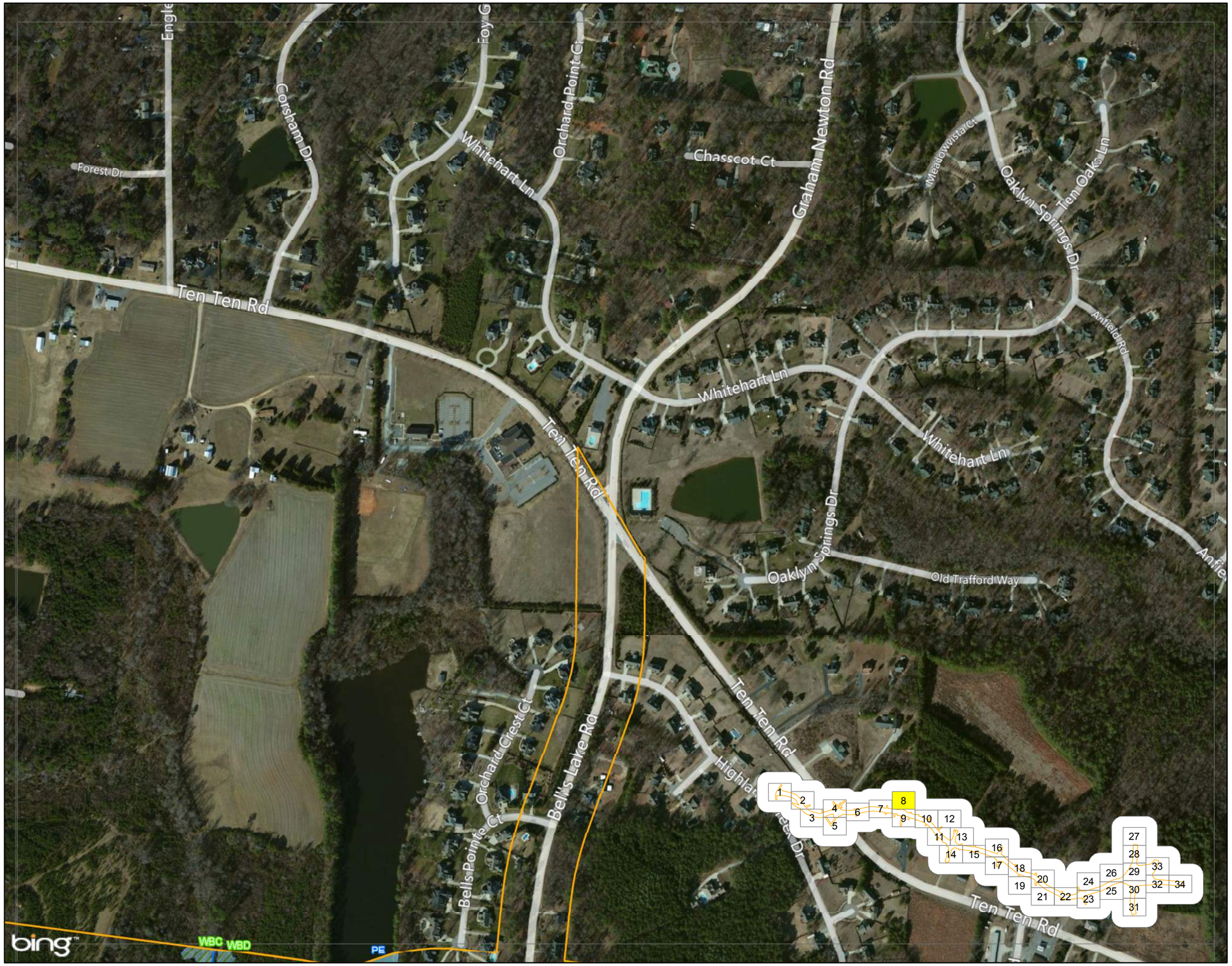
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-7



Legend

- Map Grid
- Roads
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Corridors

- Orange
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Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

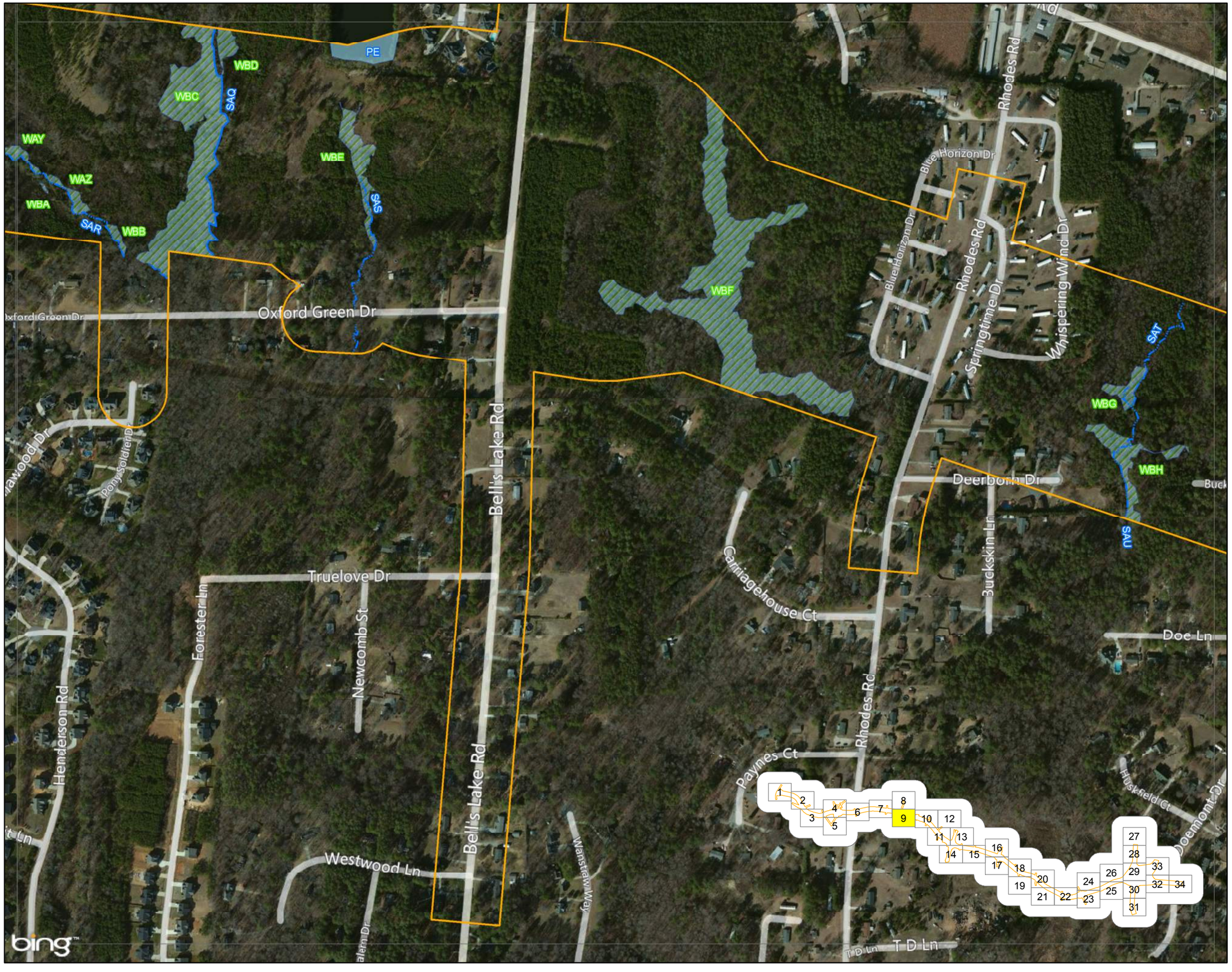
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-8



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-9



Legend

- Map Grid
- Roads
- County Boundary

Corridors

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Features

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Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

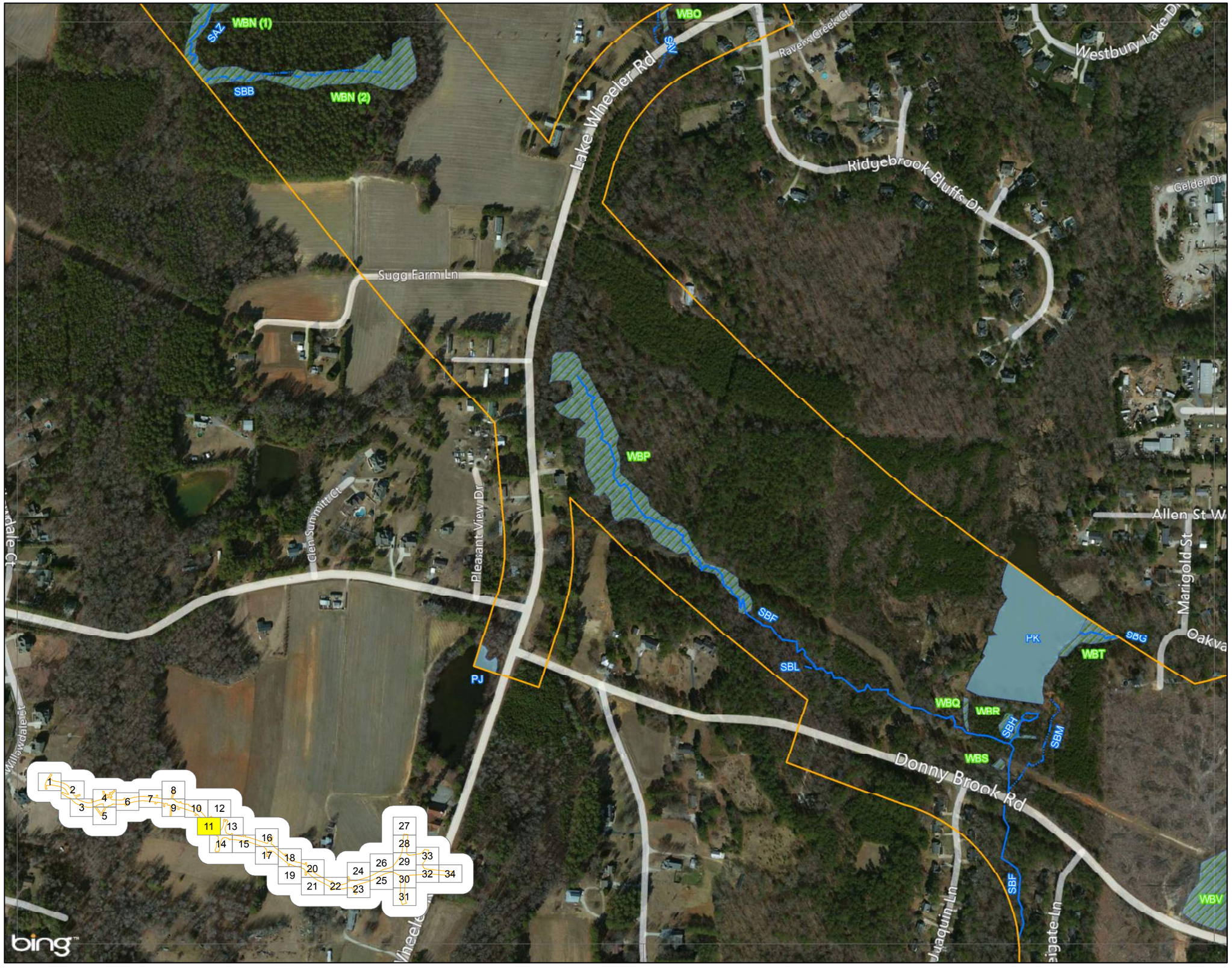
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT,
Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-10



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
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Features

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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-11



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
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- Ponds - Jurisdictional
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- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

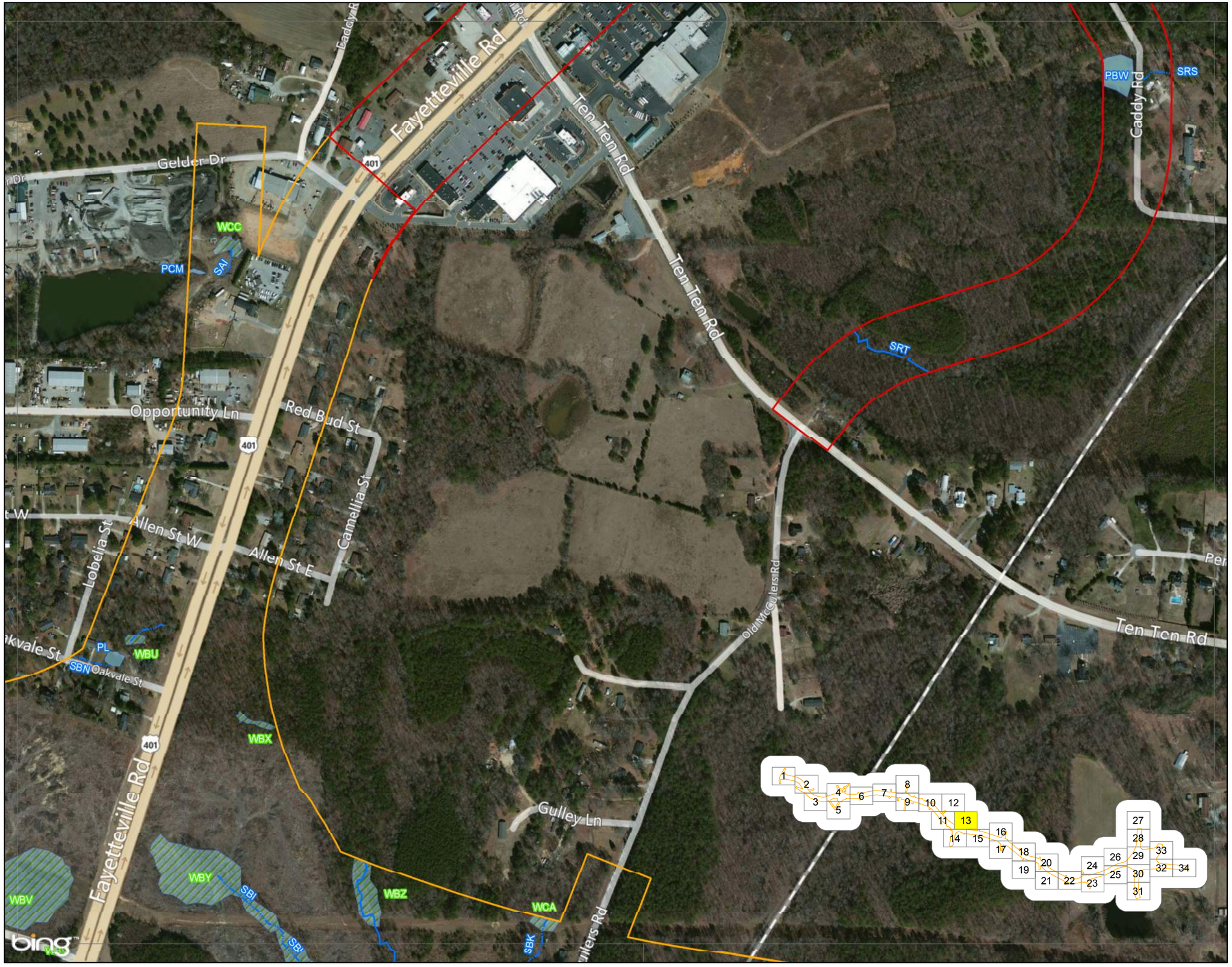
Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-12



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
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- Purple
- Blue
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- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
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- Streams - Intermittent
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Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-13



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
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- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

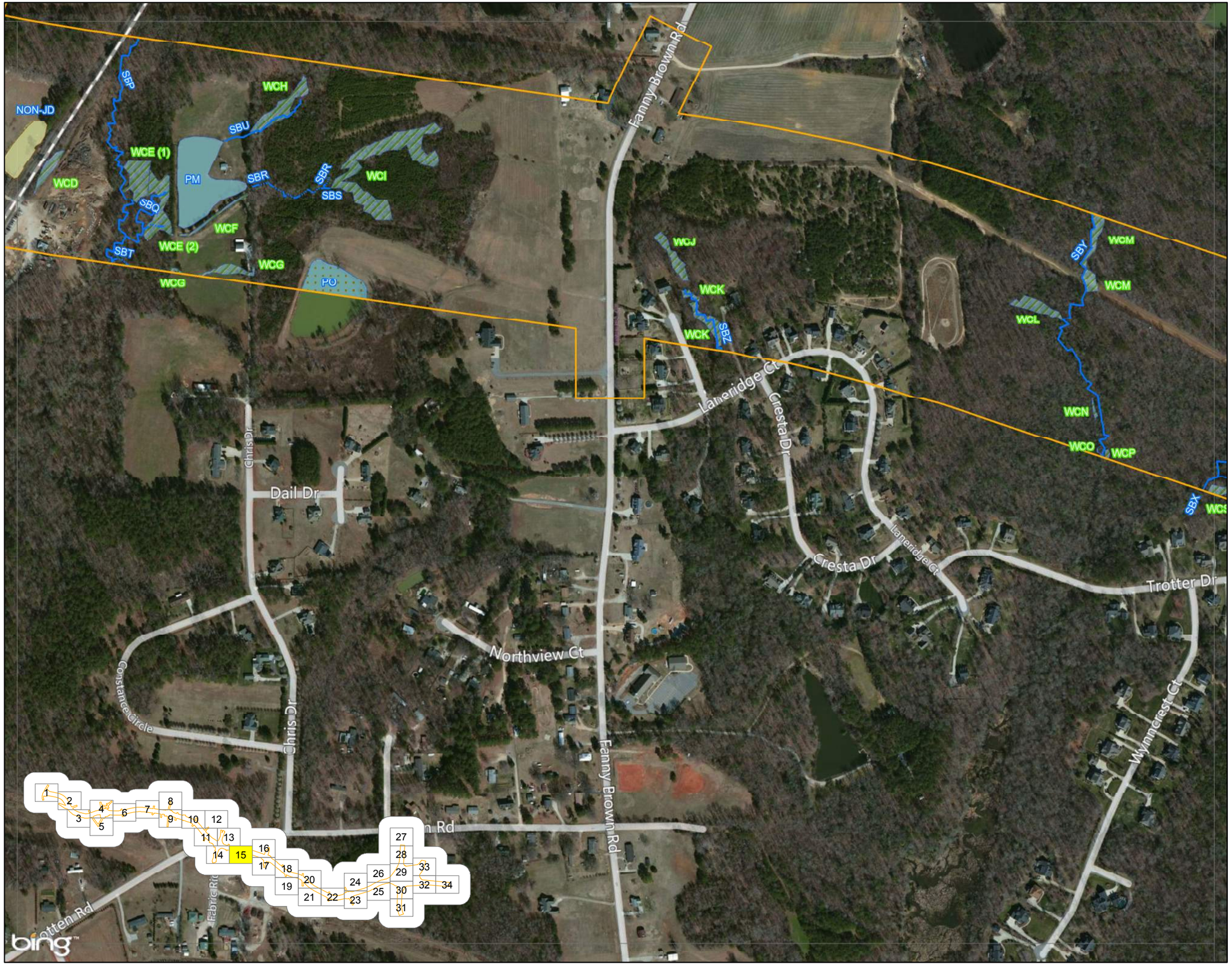
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-14



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

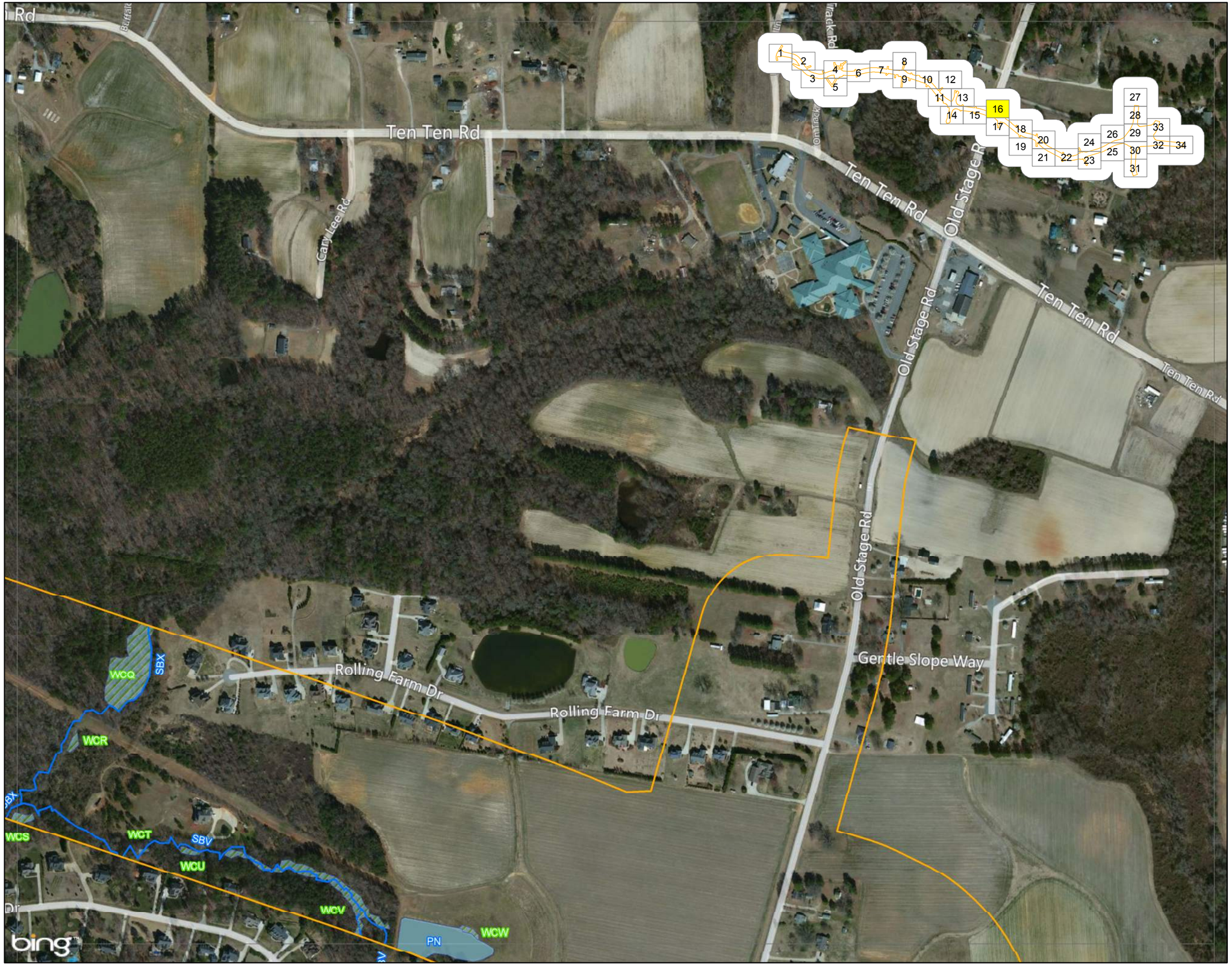
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-15



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

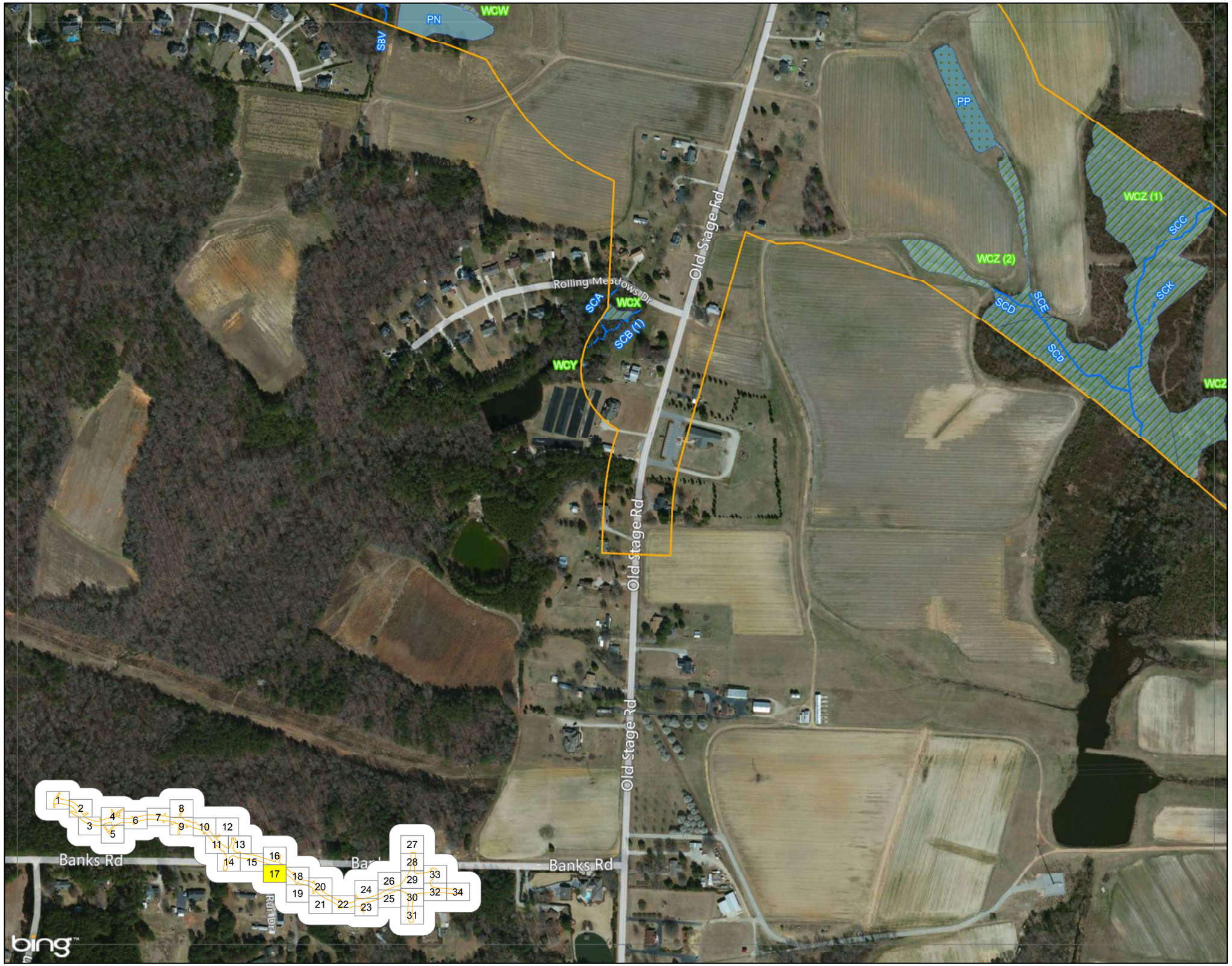
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-16



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

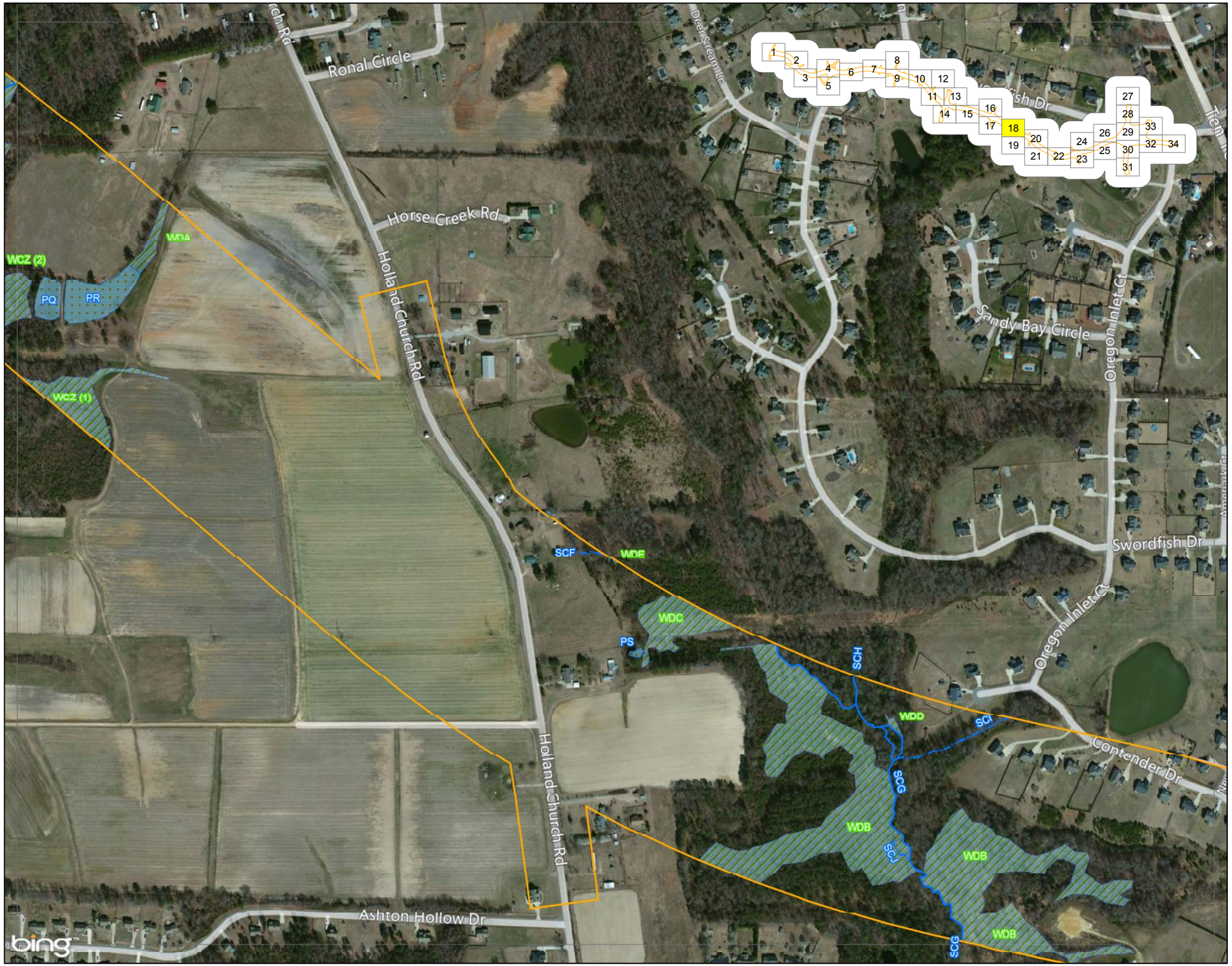
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-17



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

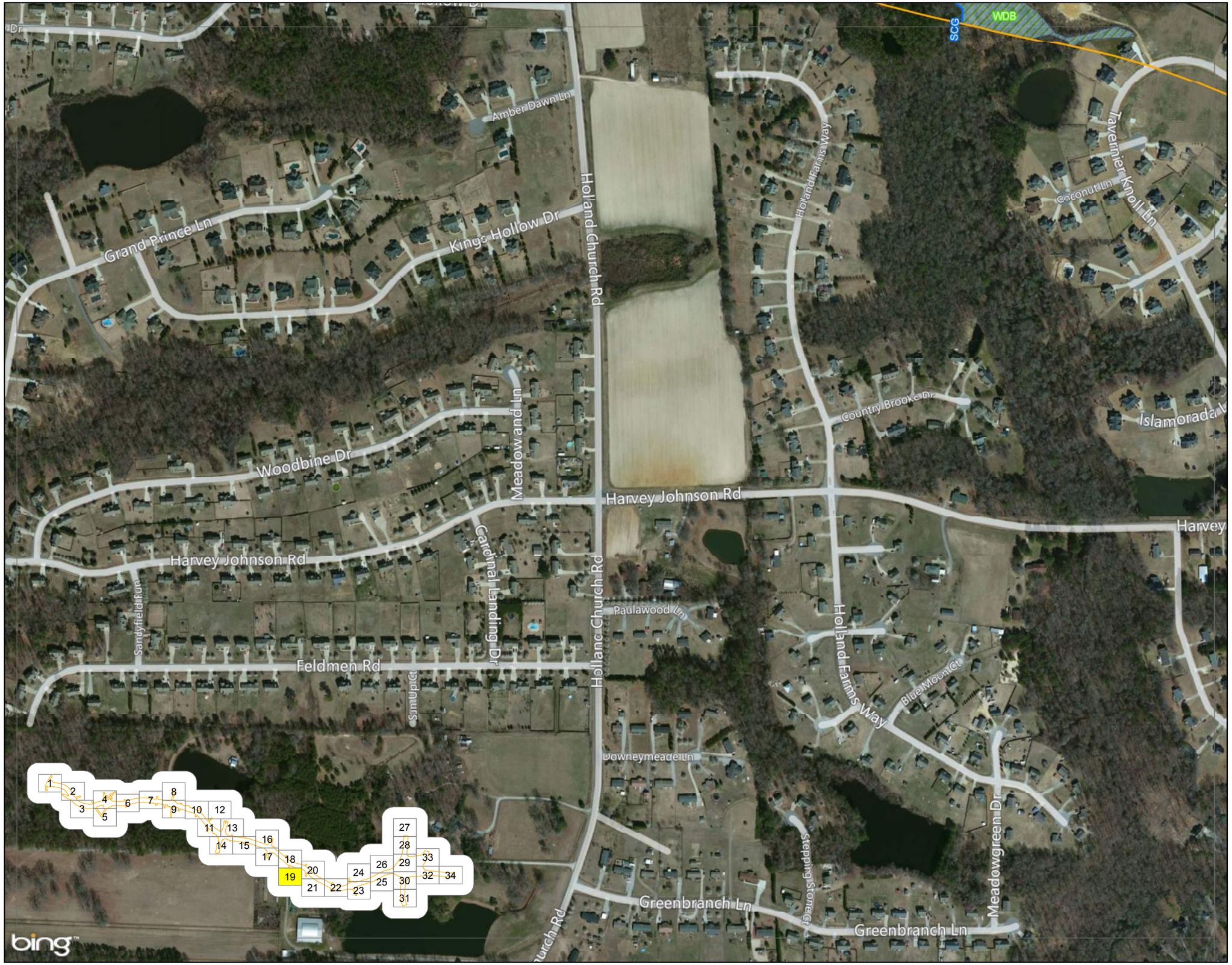
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-18



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

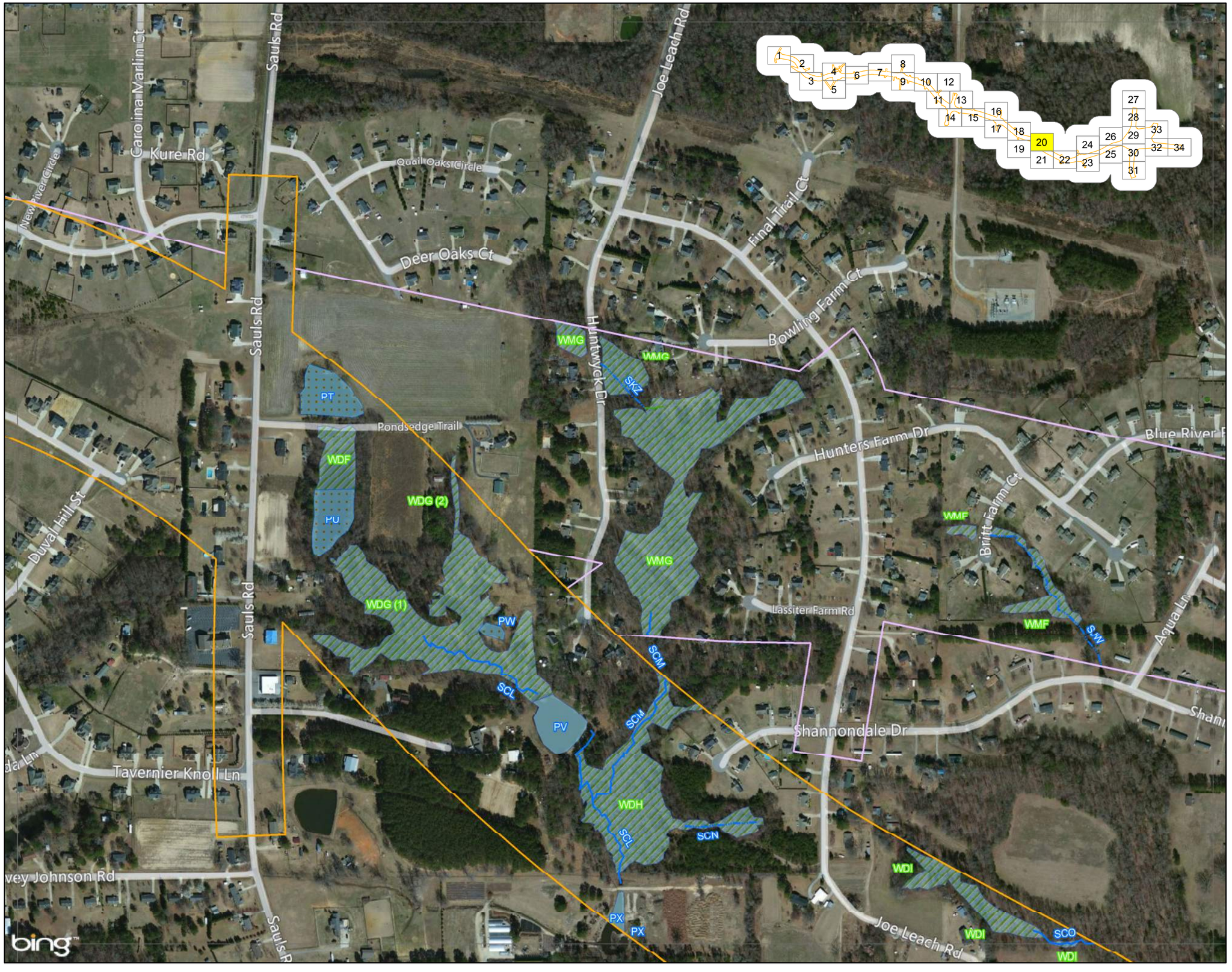
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-19



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

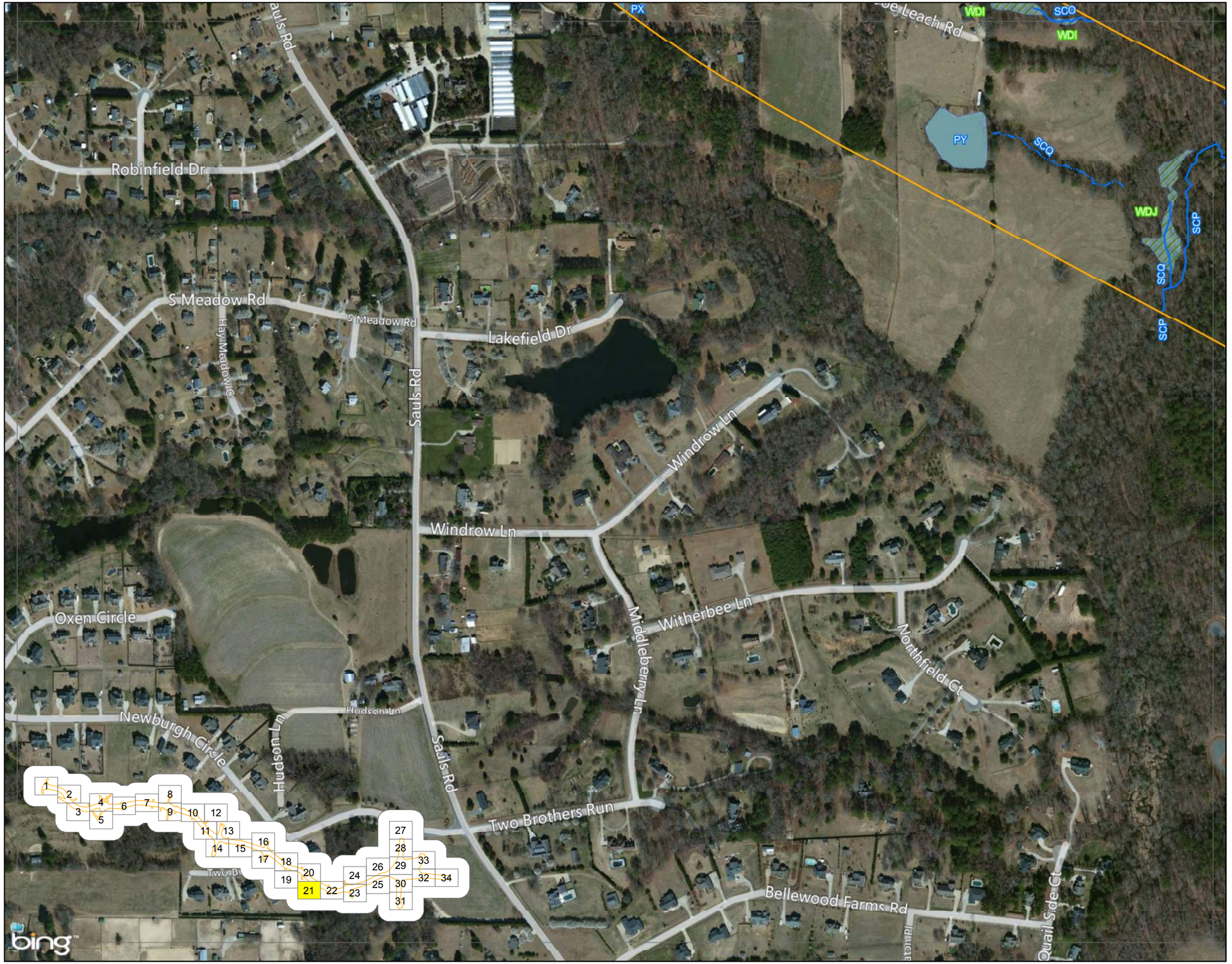
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-20



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

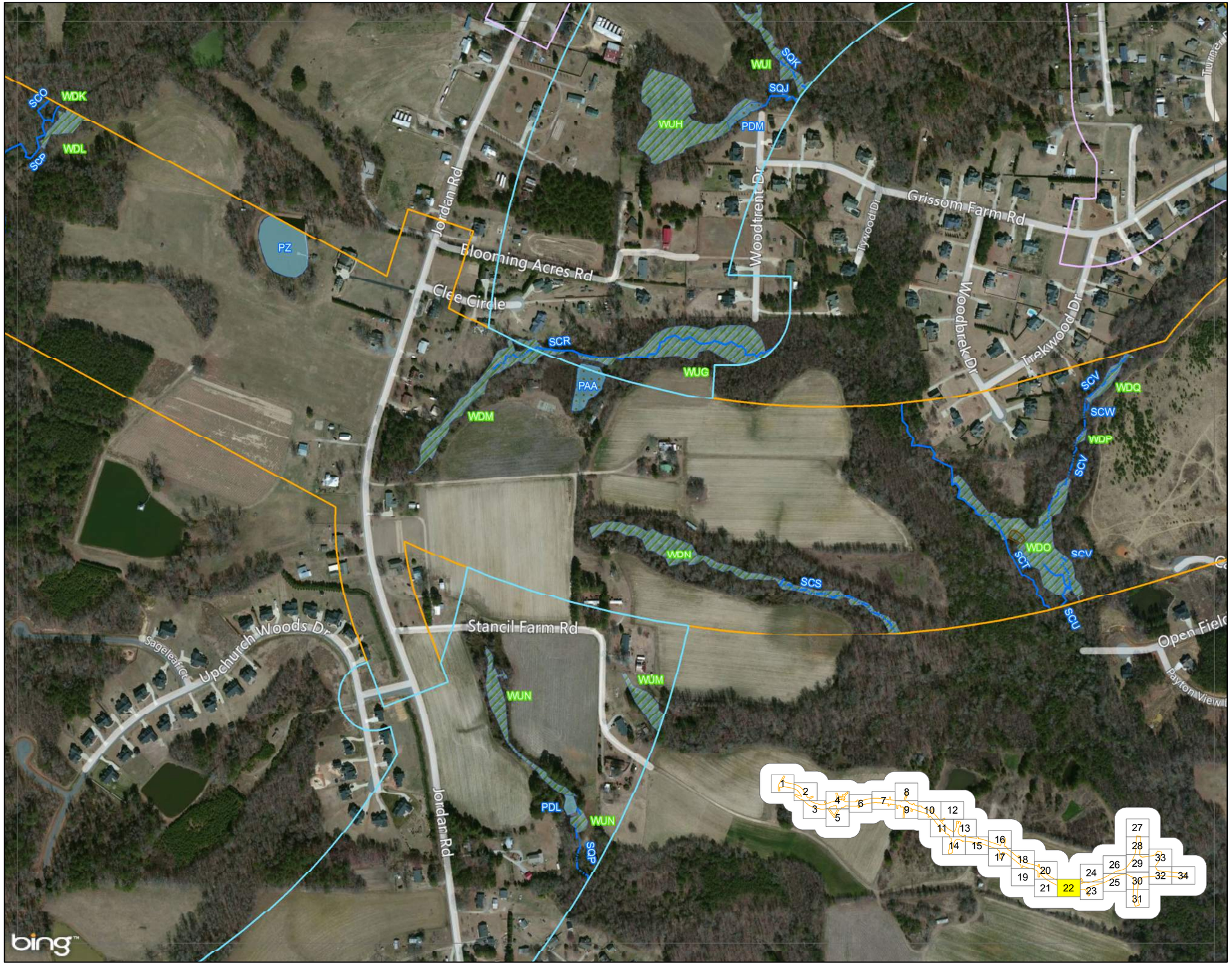
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-21



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

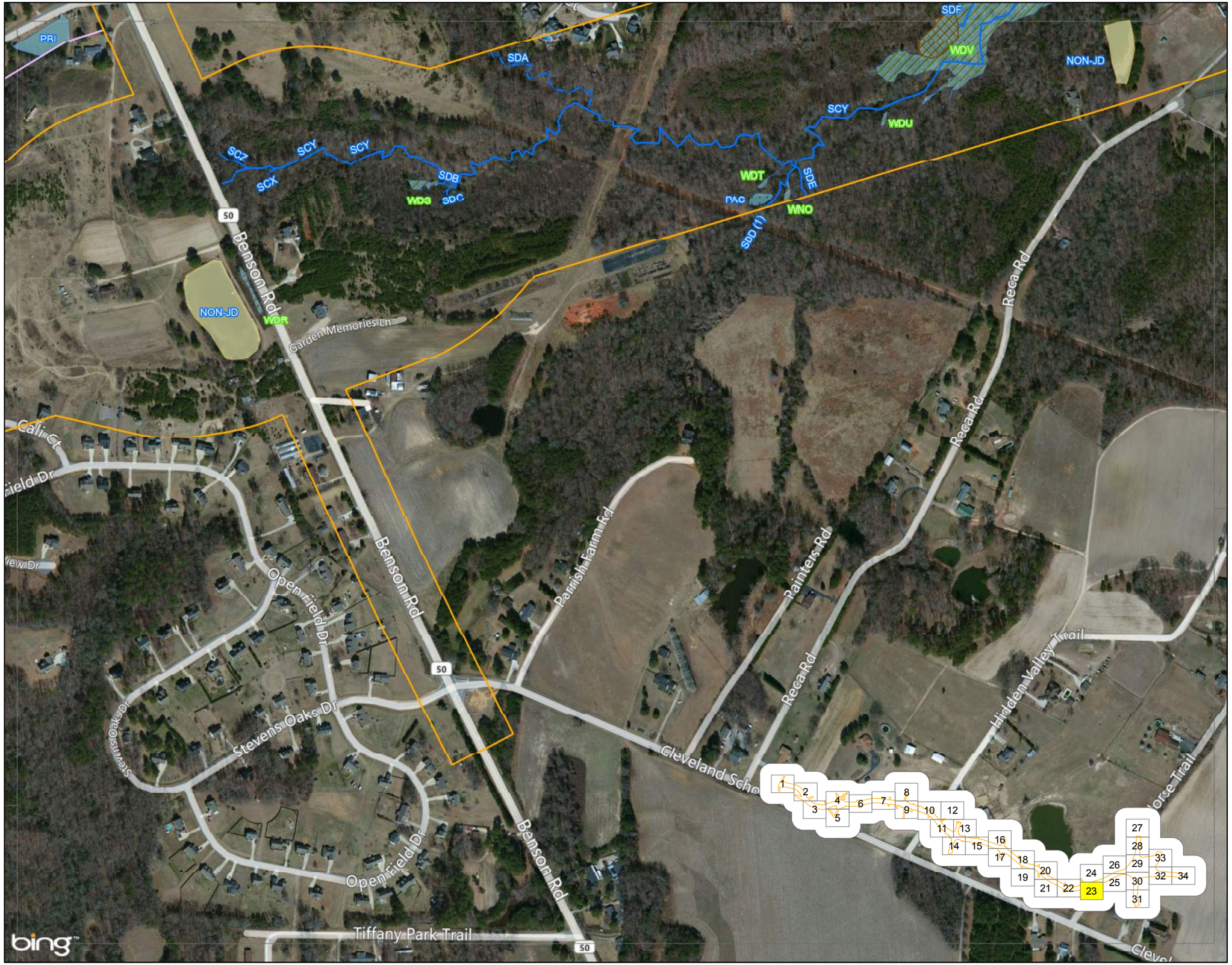
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-22



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

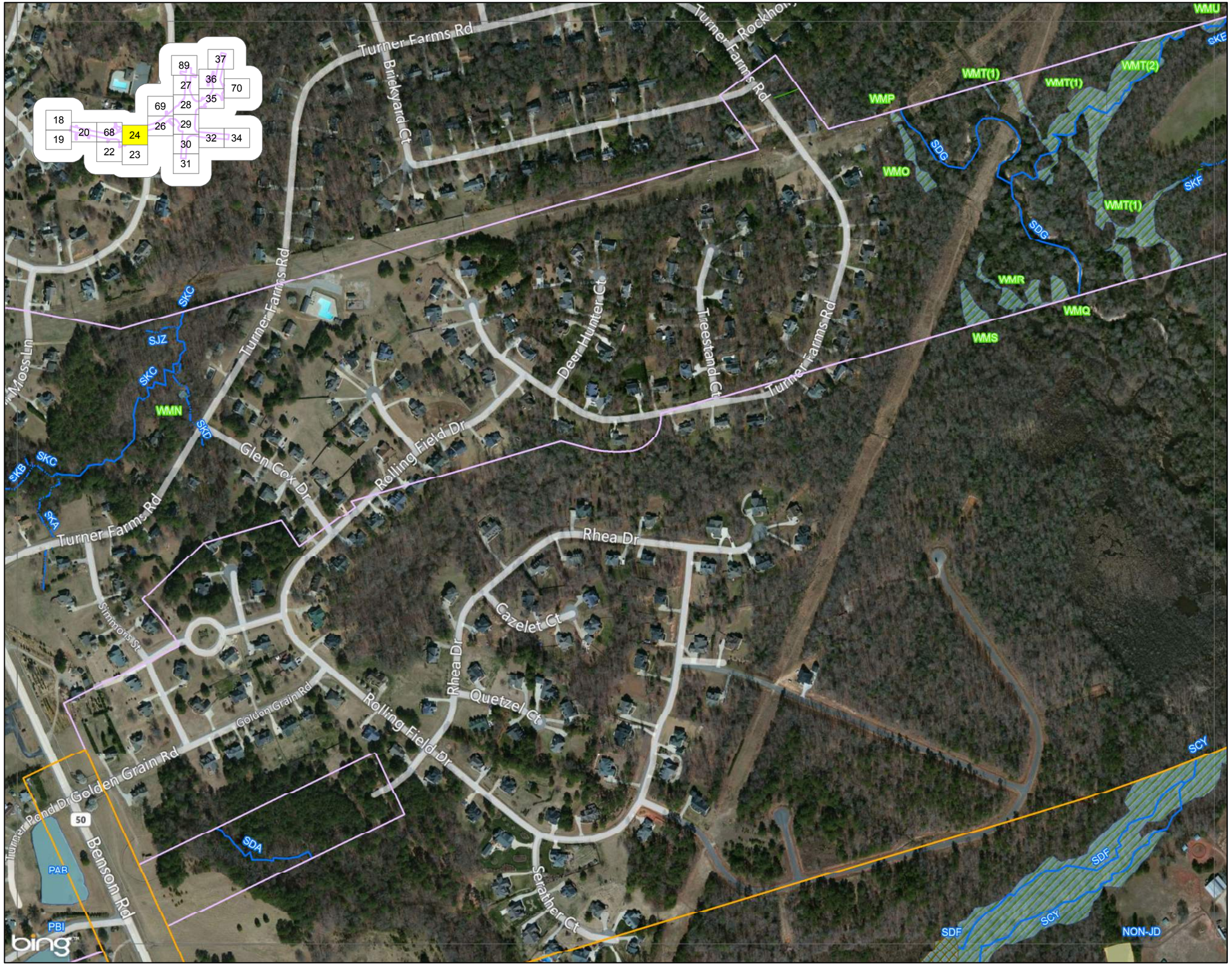
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-23



Legend

- Map Grid
- Roads
- County Boundary

Corridors

Orange	Blue
Green	Brown
Red	Mint
Lilac	Tan
Purple	Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-24



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-25



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

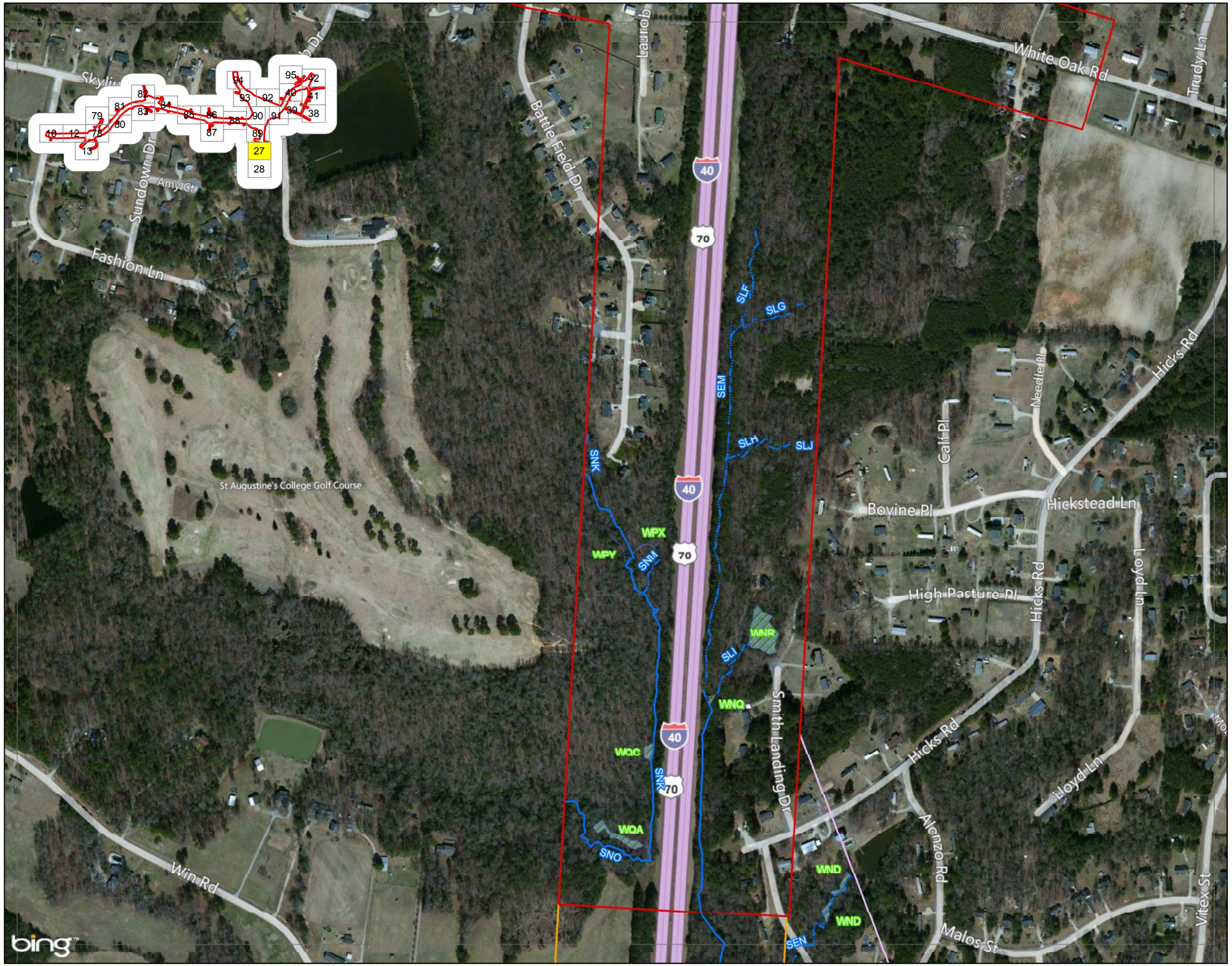
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-26



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

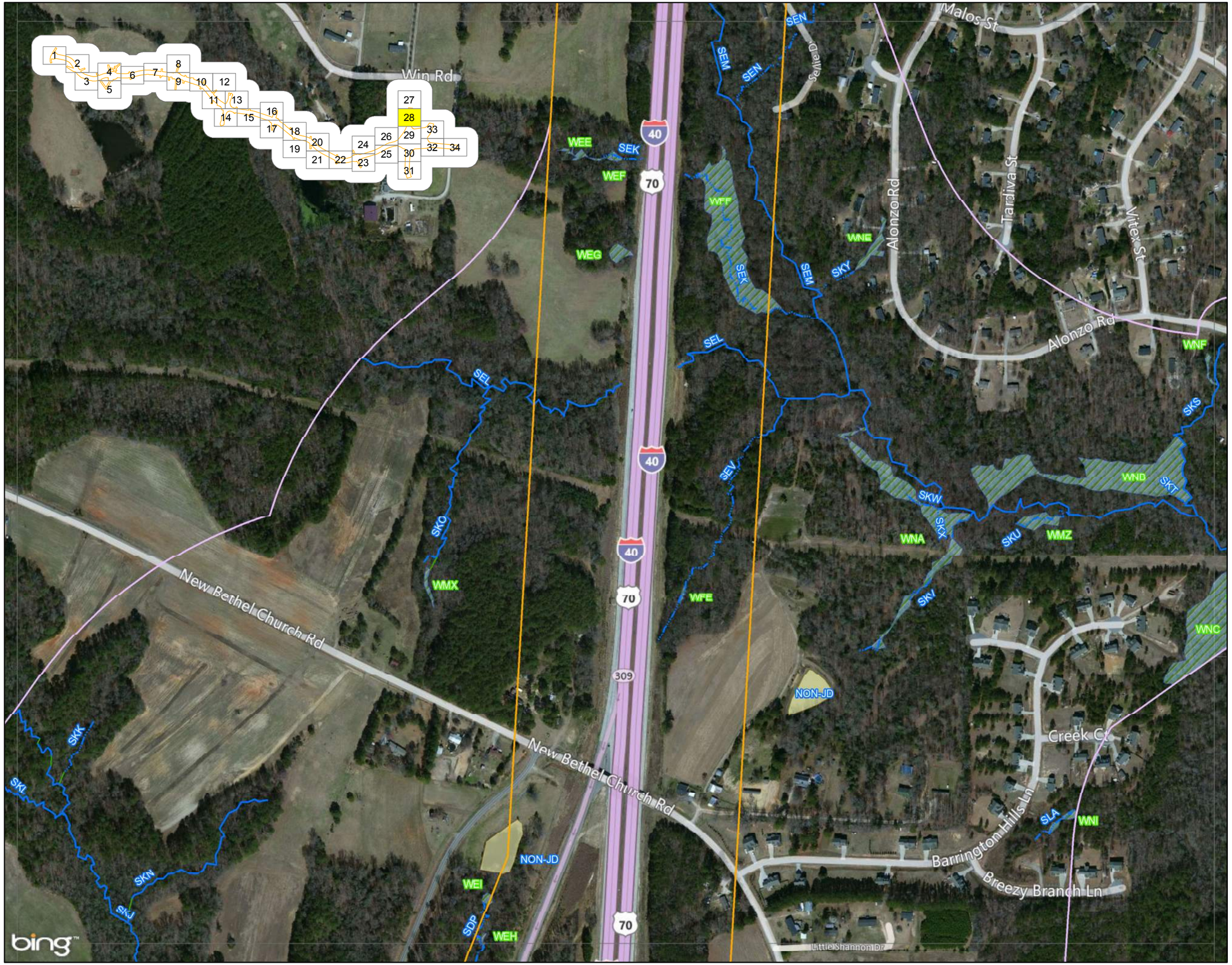
Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-27



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

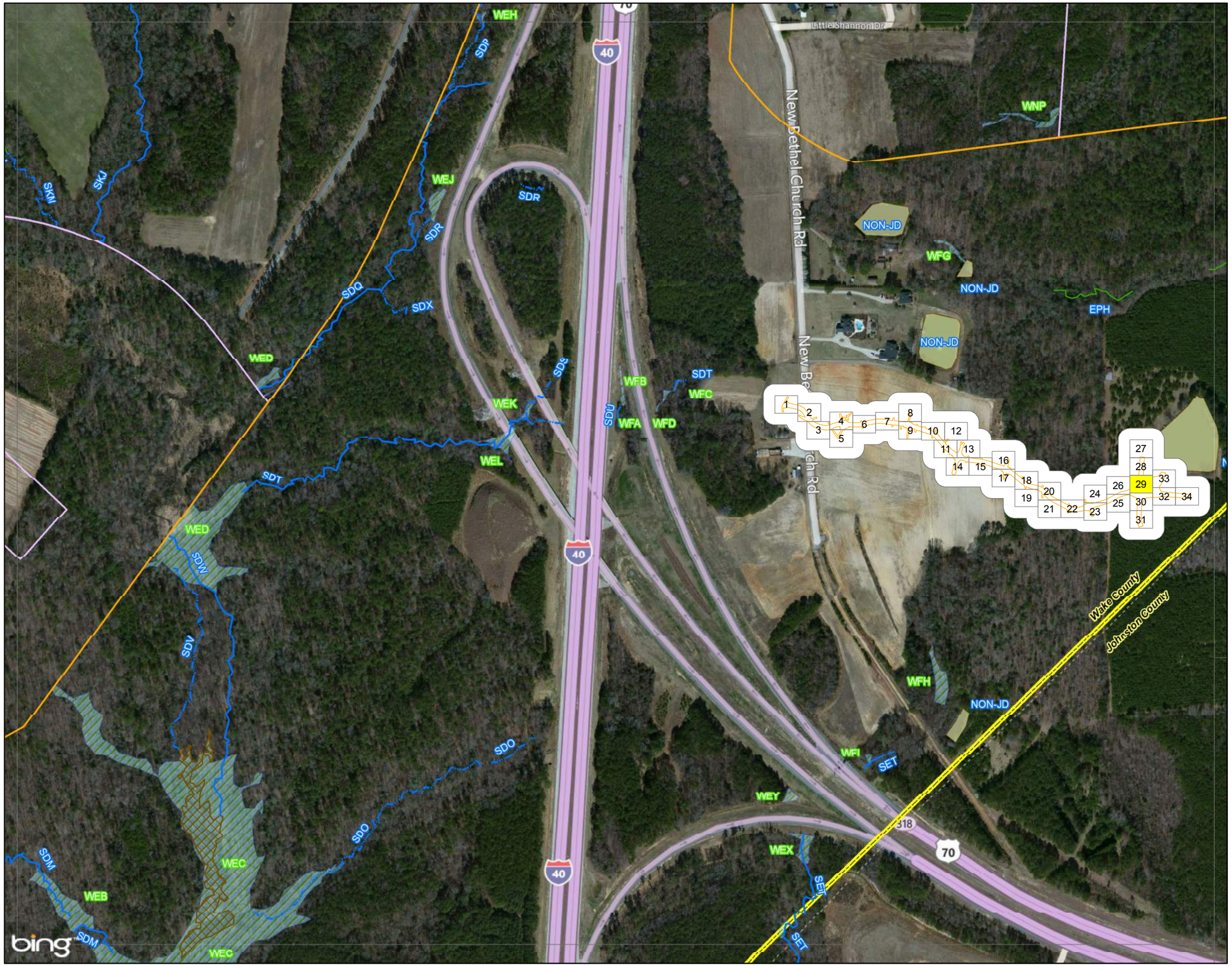
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-28



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

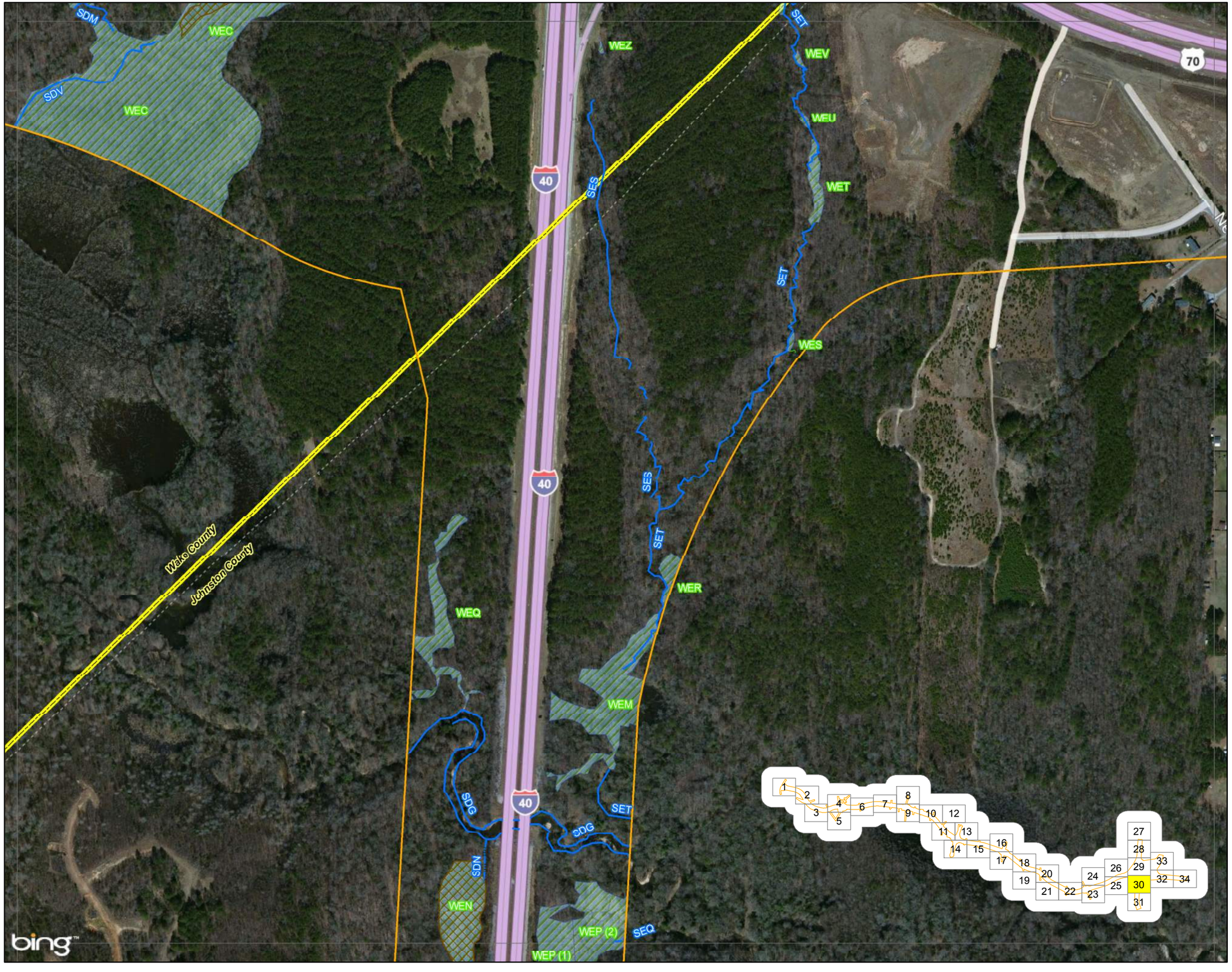
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-29



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-30



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

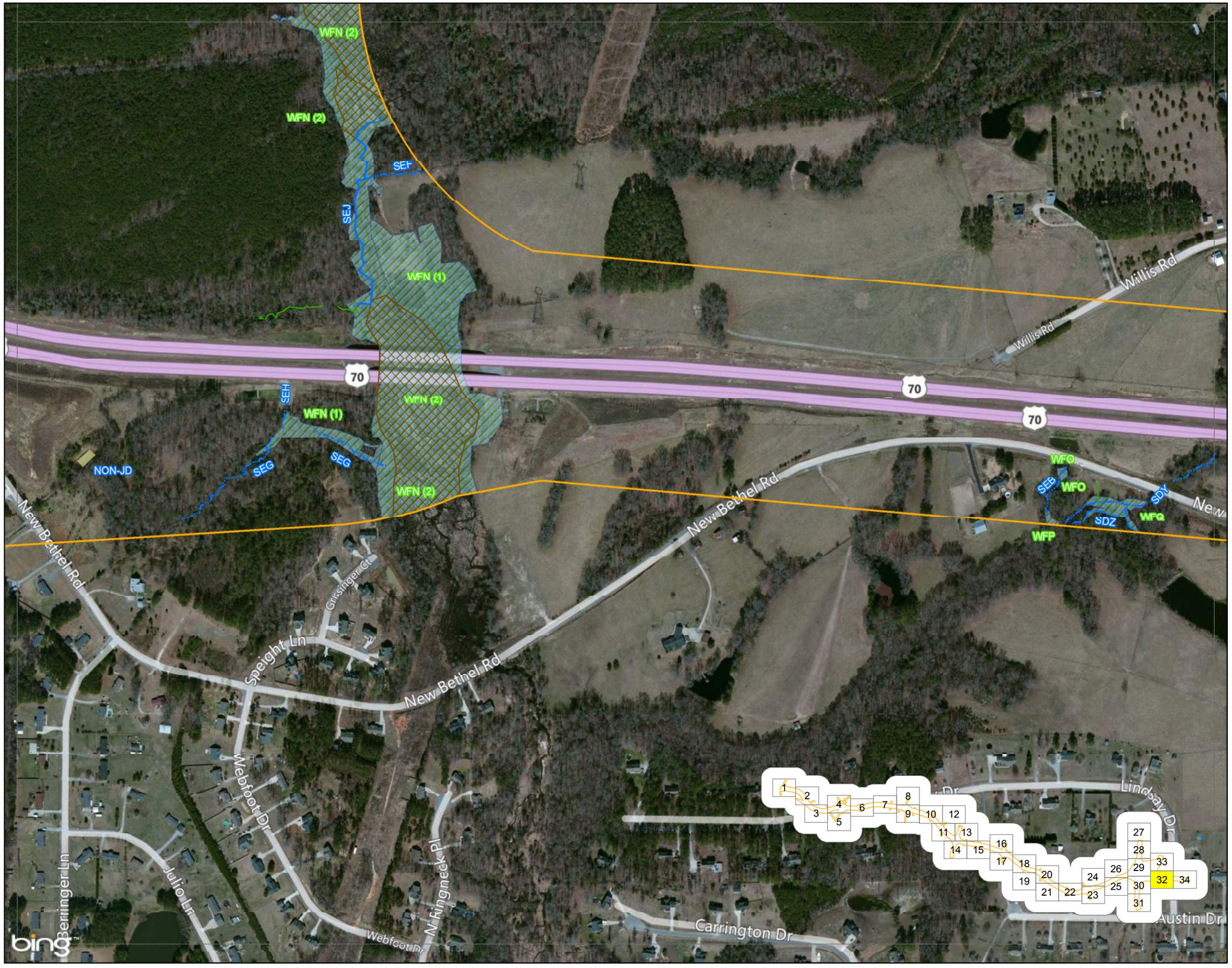
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-31



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

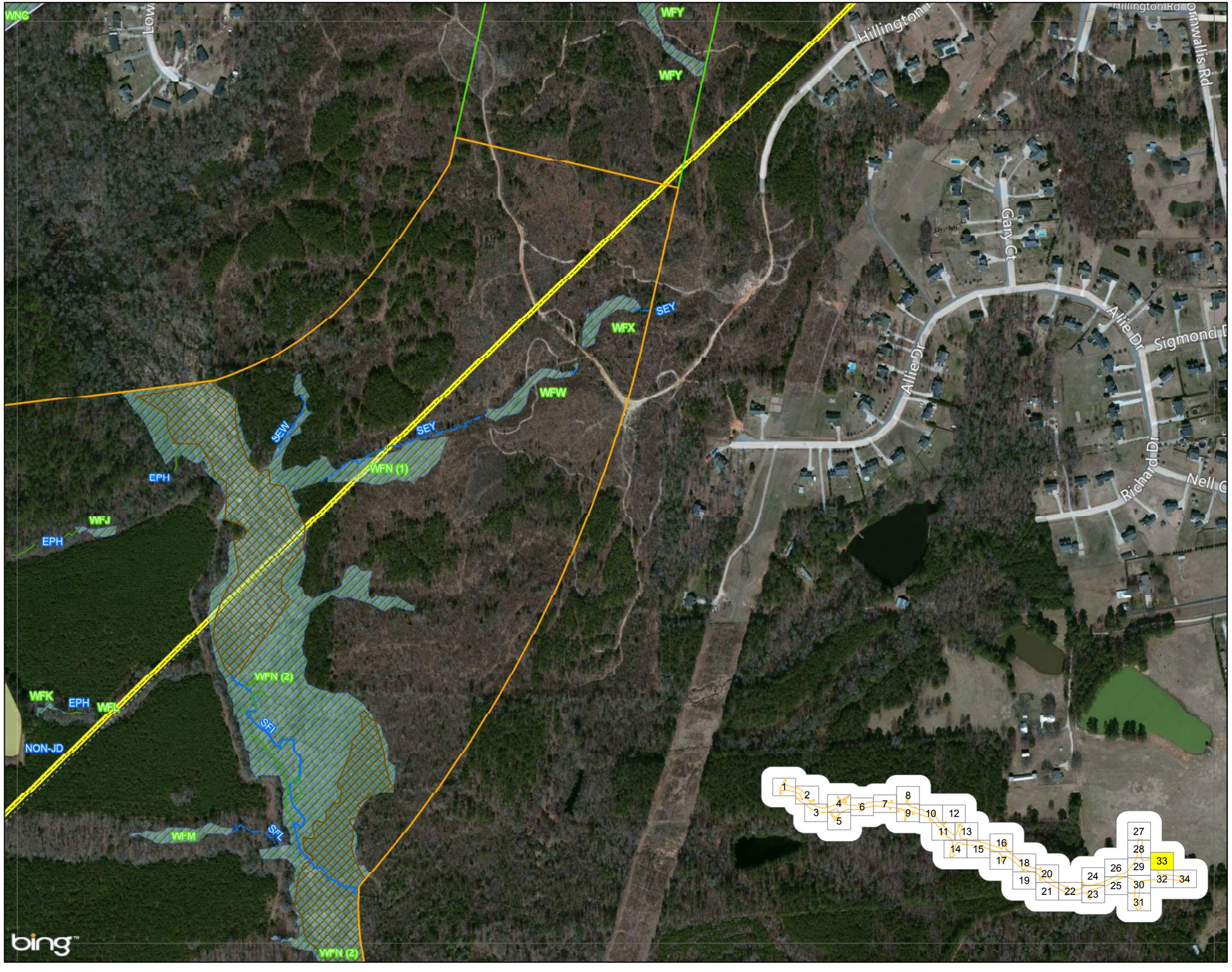
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-32



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-33



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

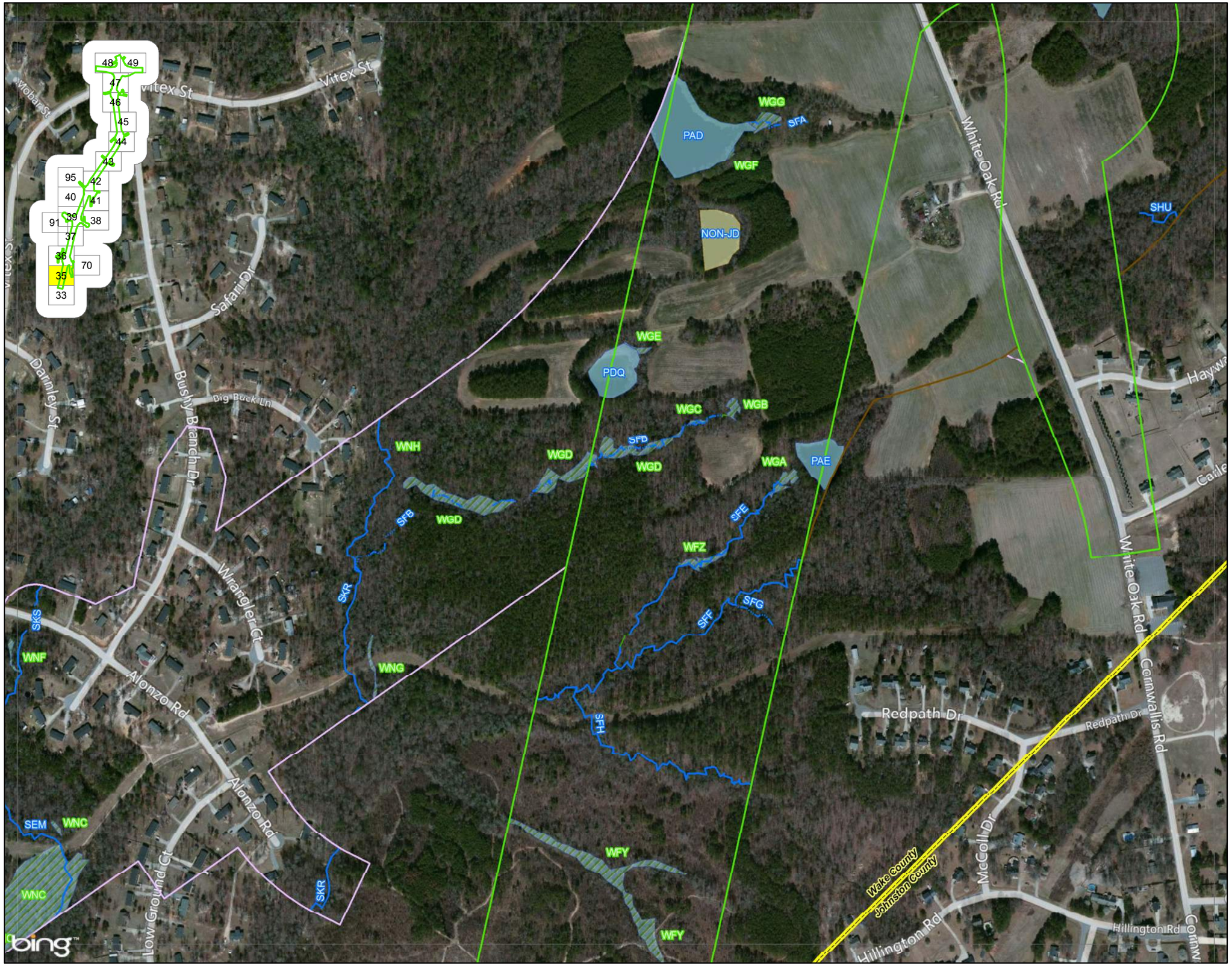
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-34



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-35



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

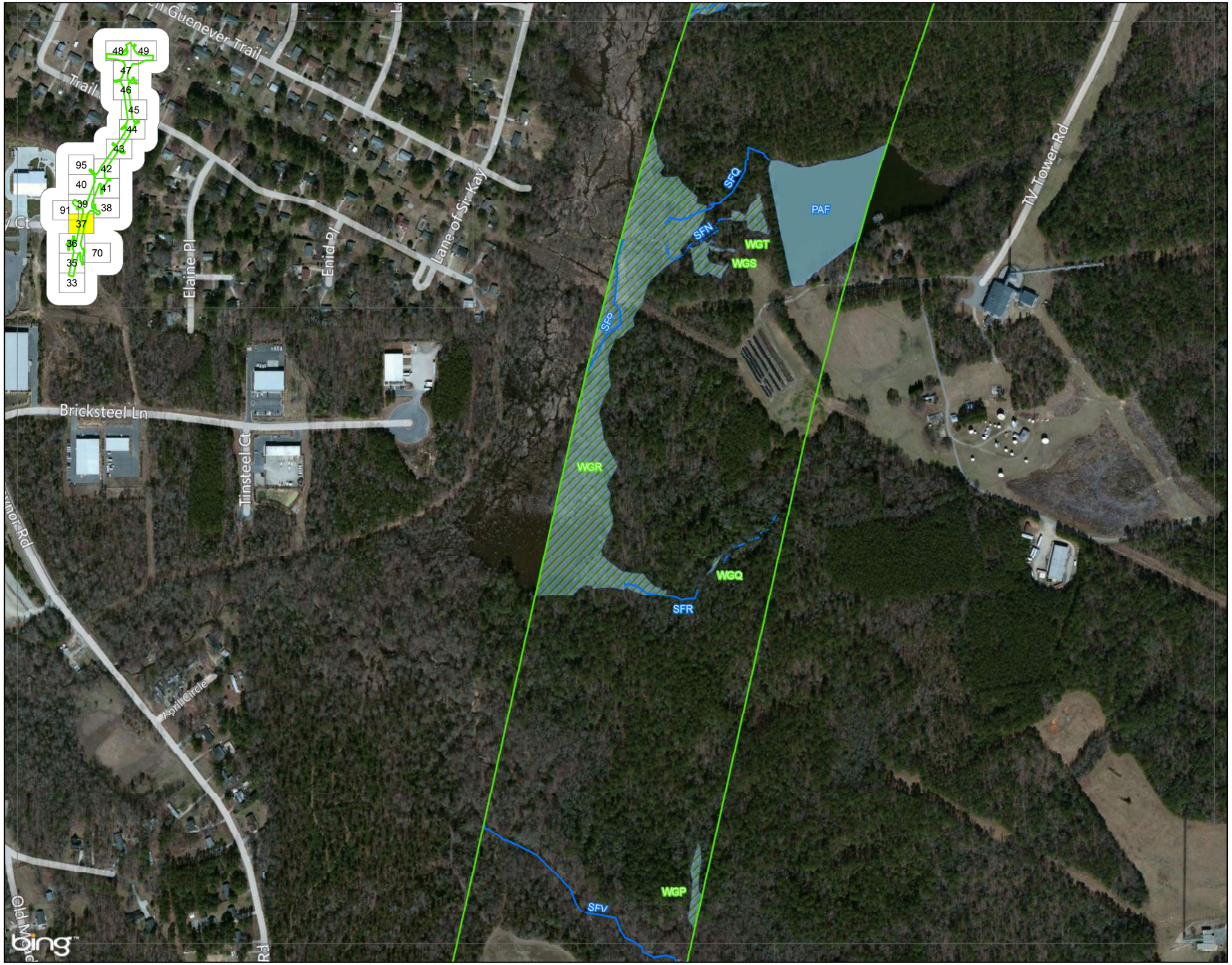
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-36



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

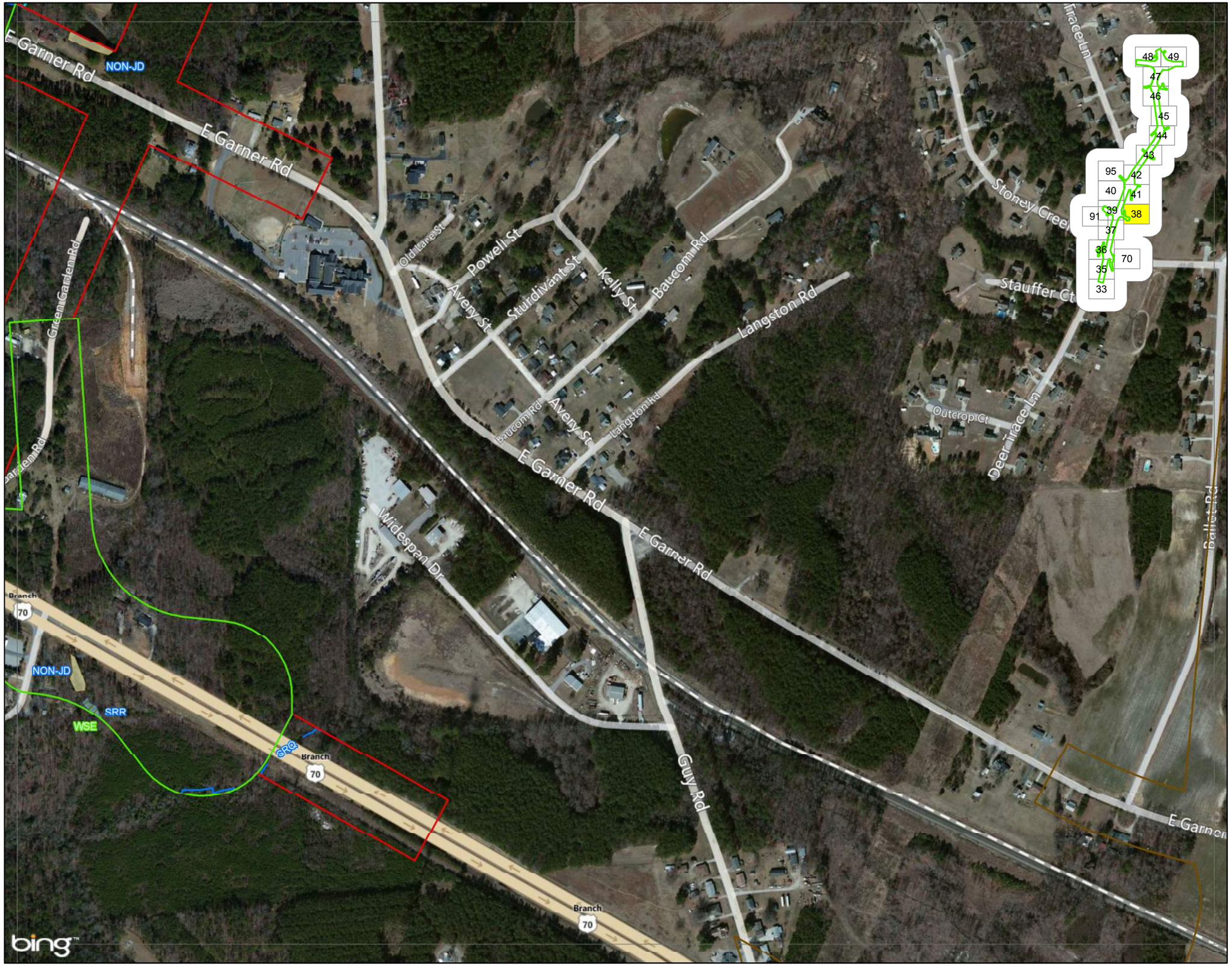
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-37



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

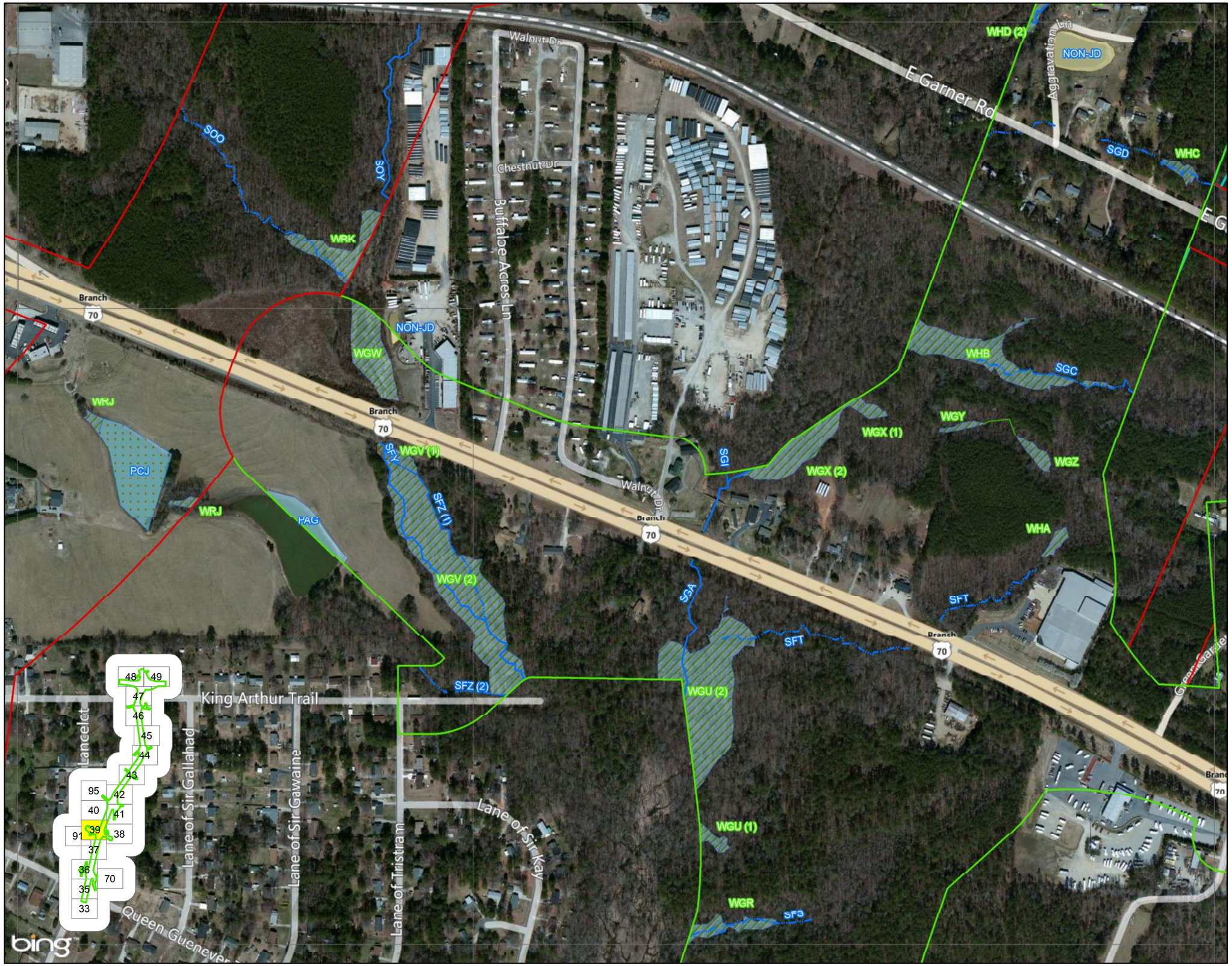
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-38



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

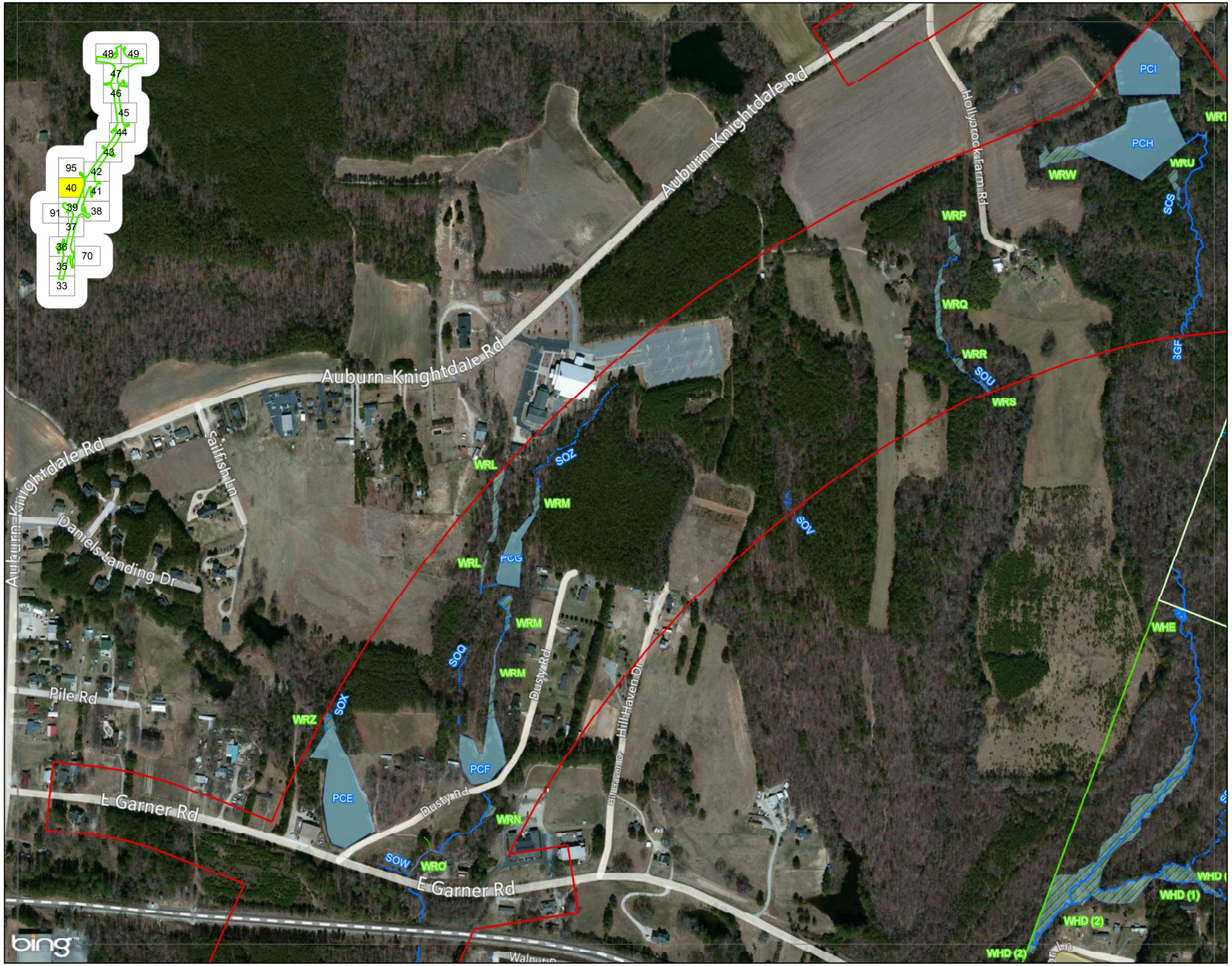
Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-39



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-40



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

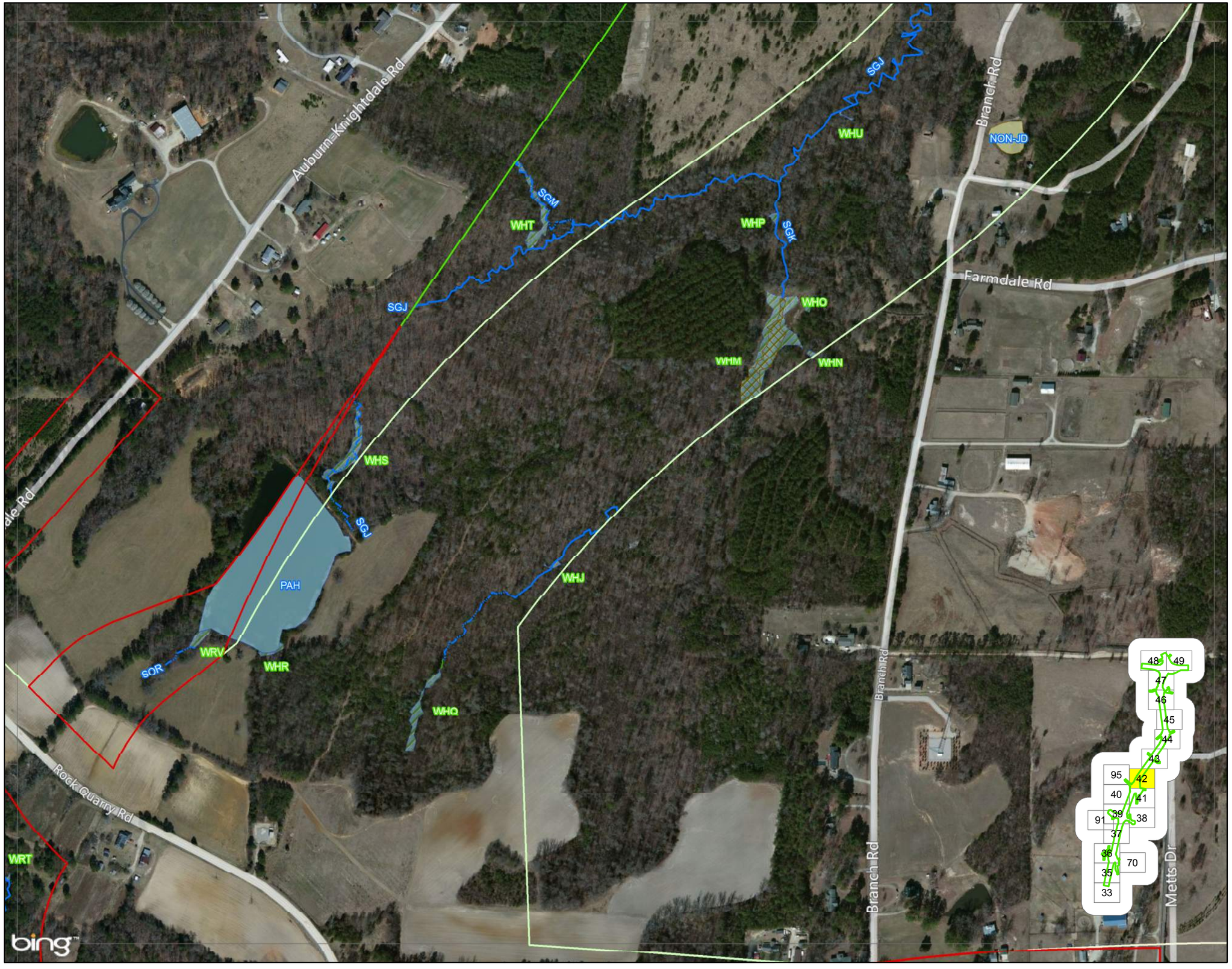
Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-41



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-42



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

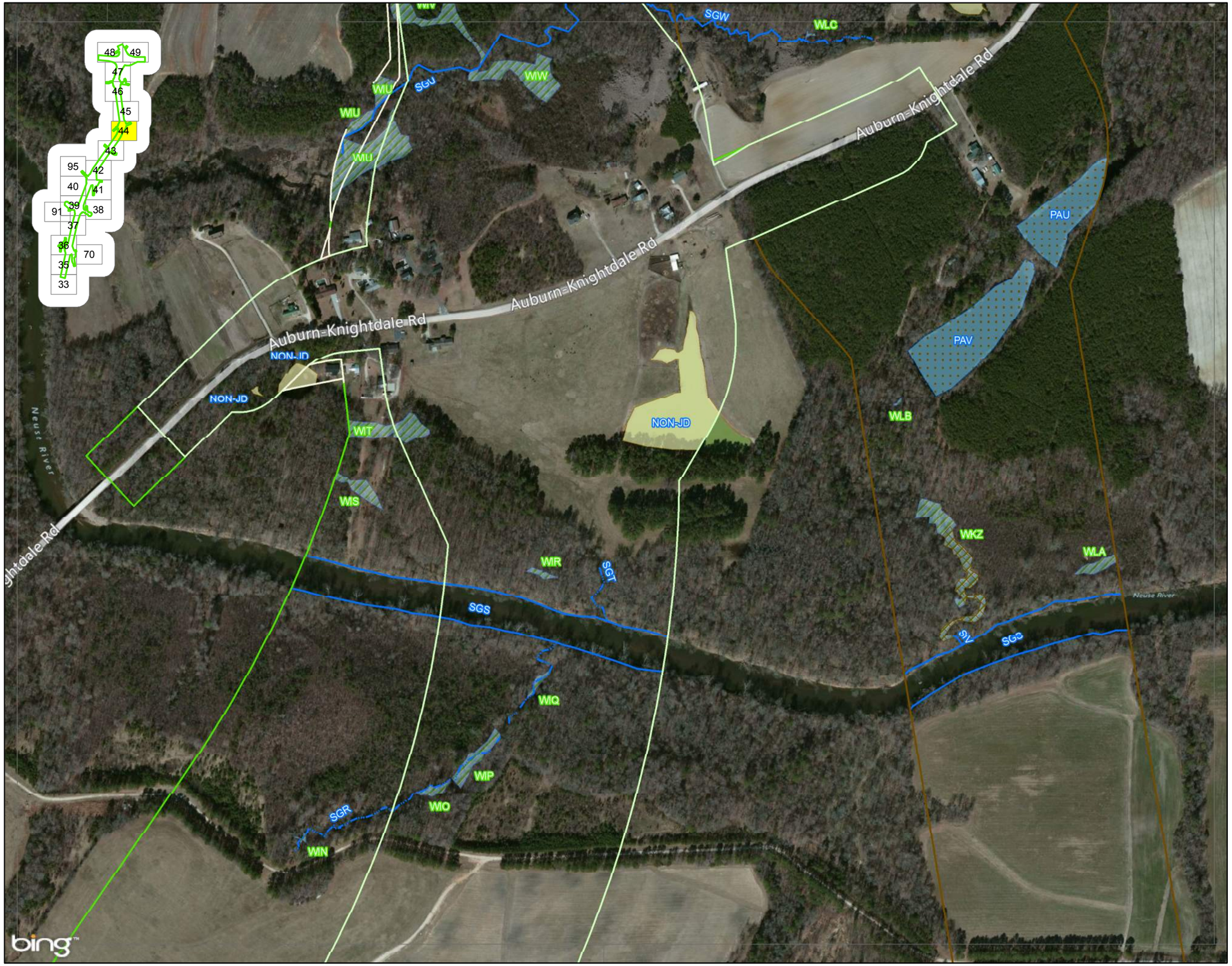
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-43



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-44



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

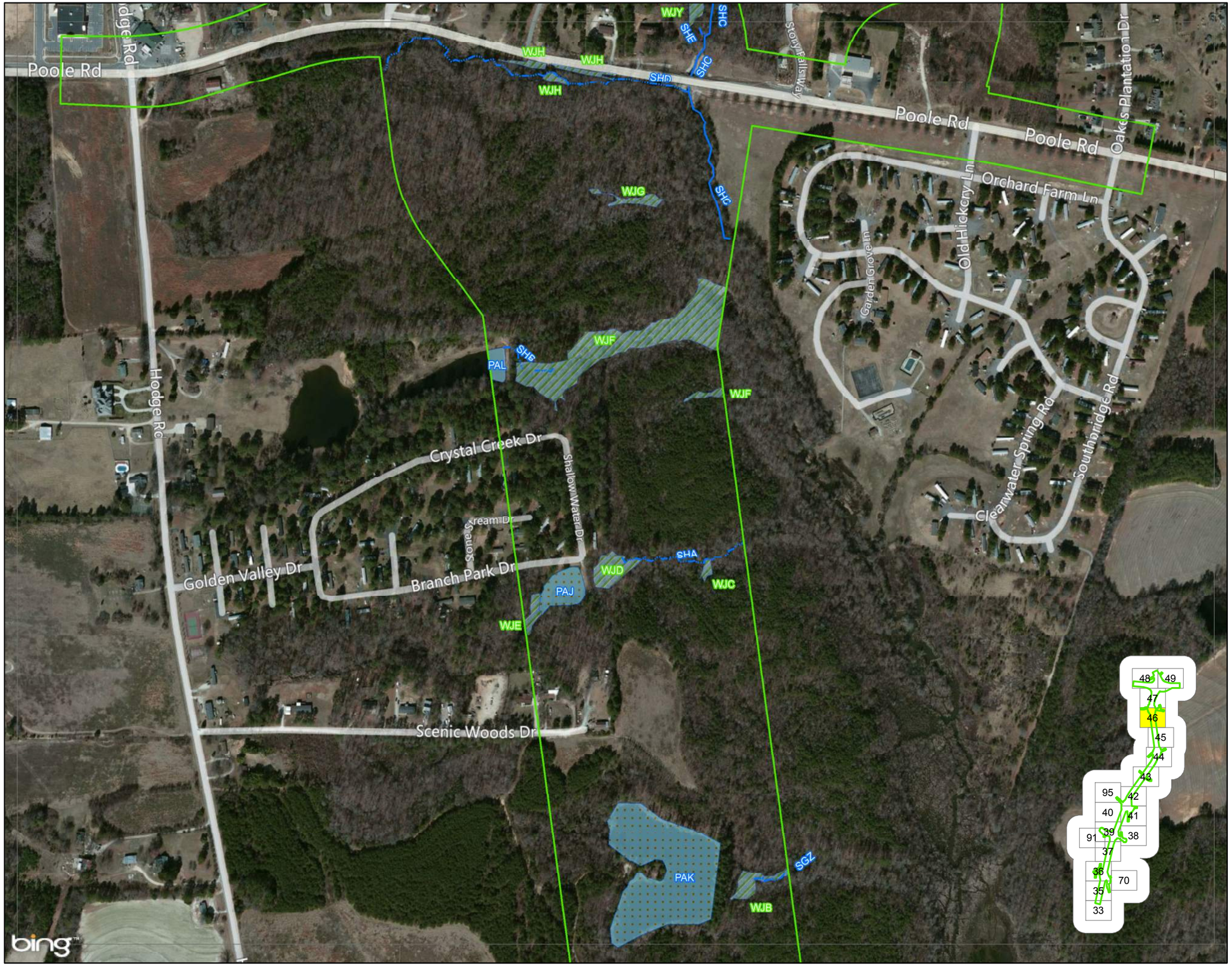
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-45



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

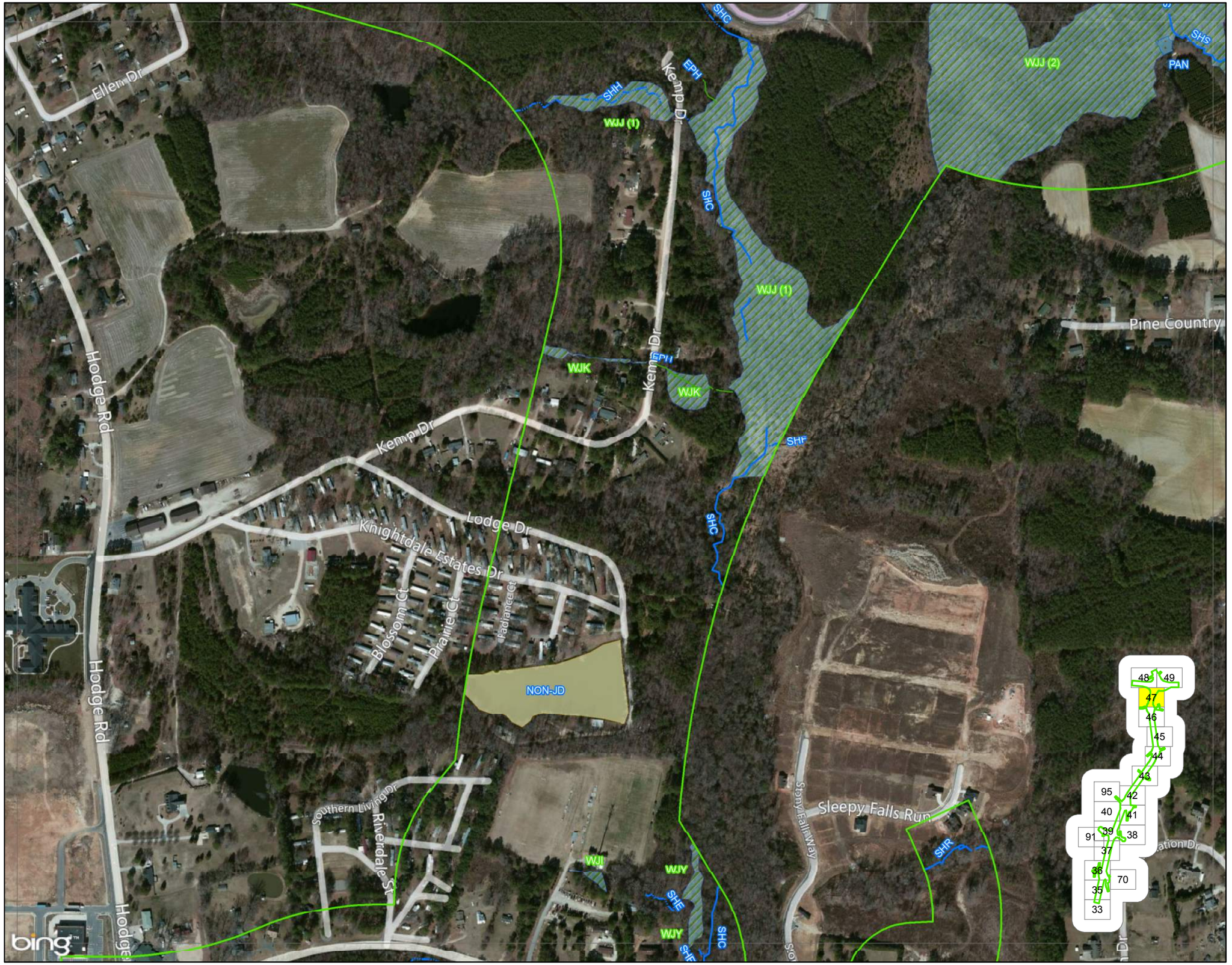
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-46



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

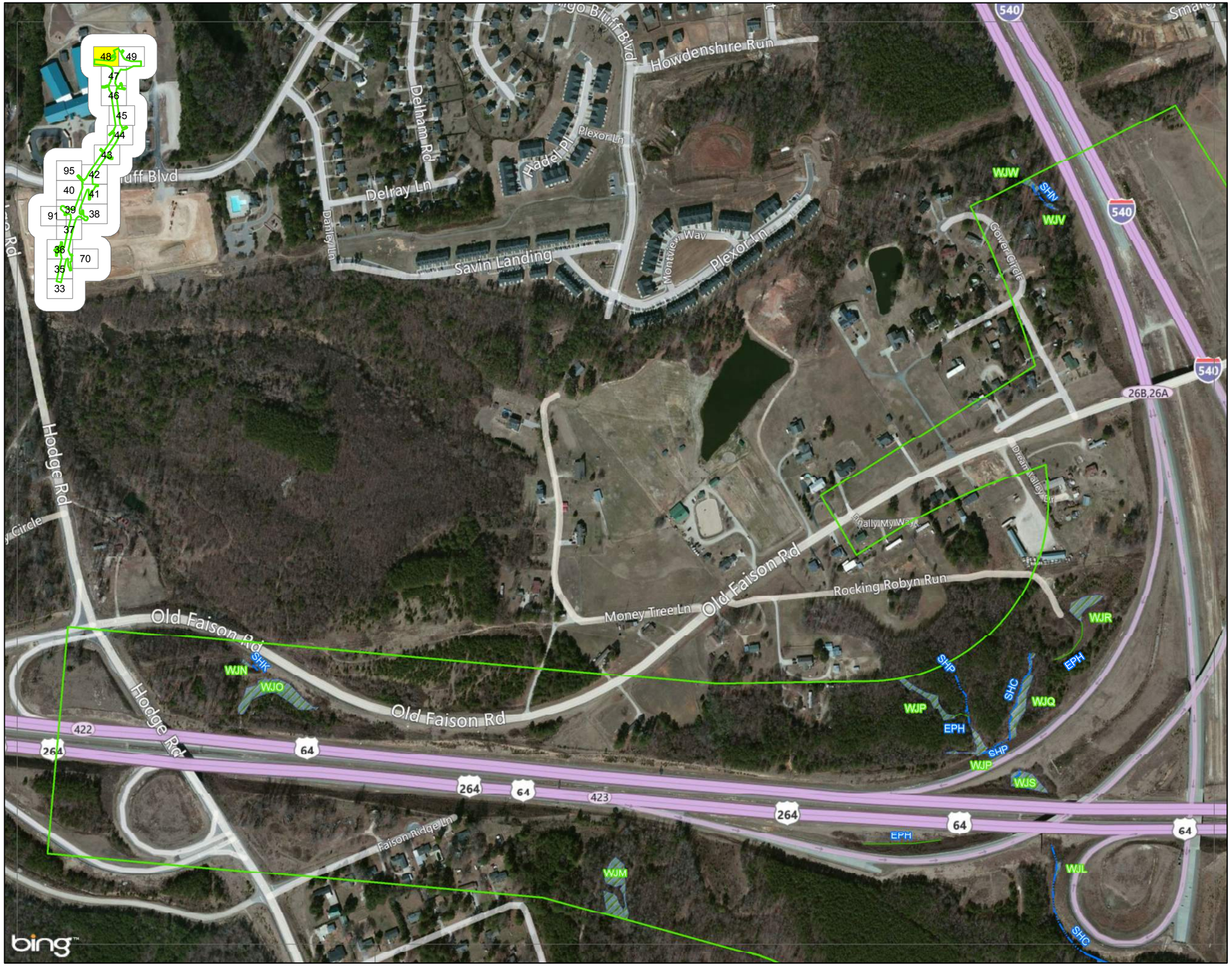
Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-47



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

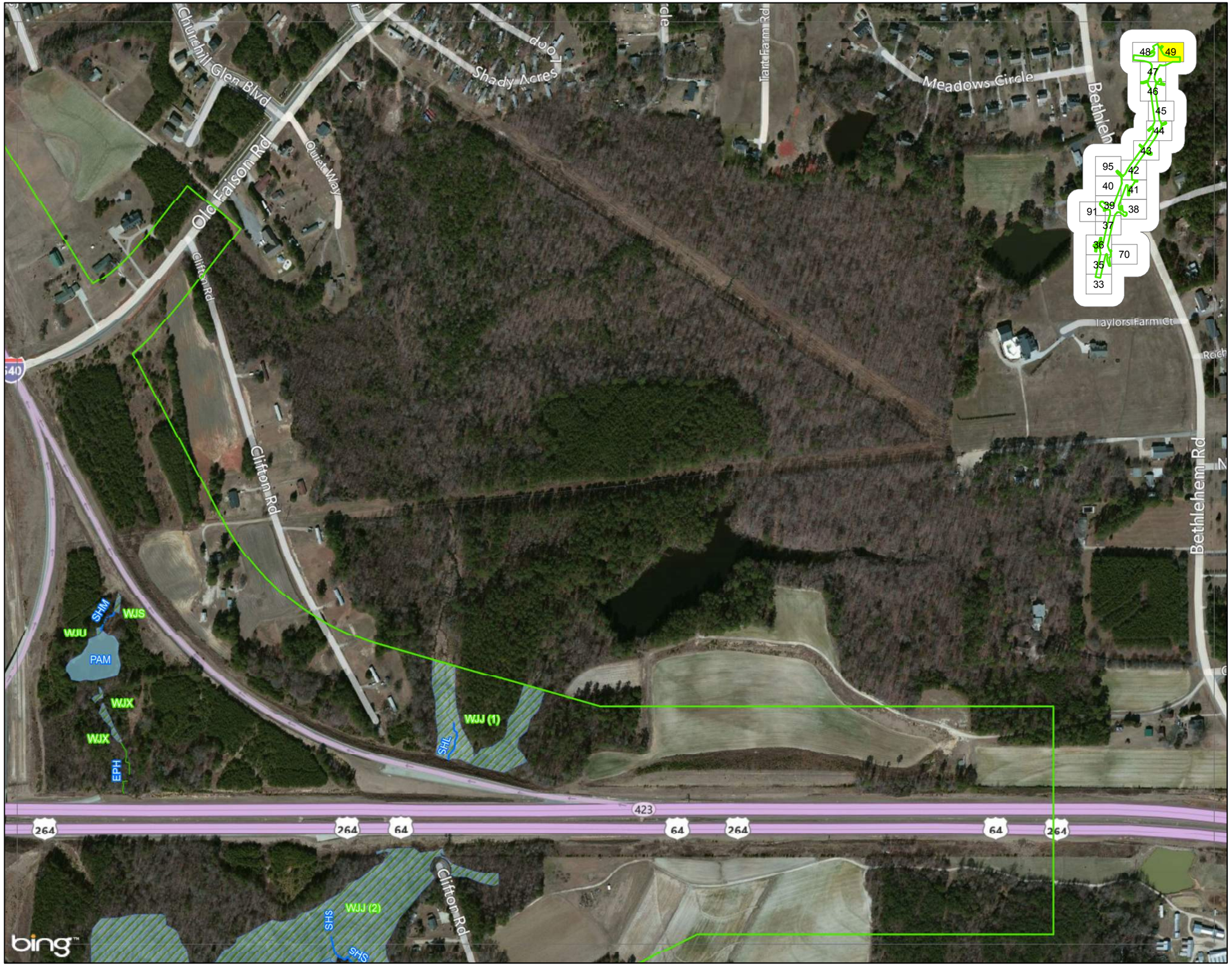
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-48



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

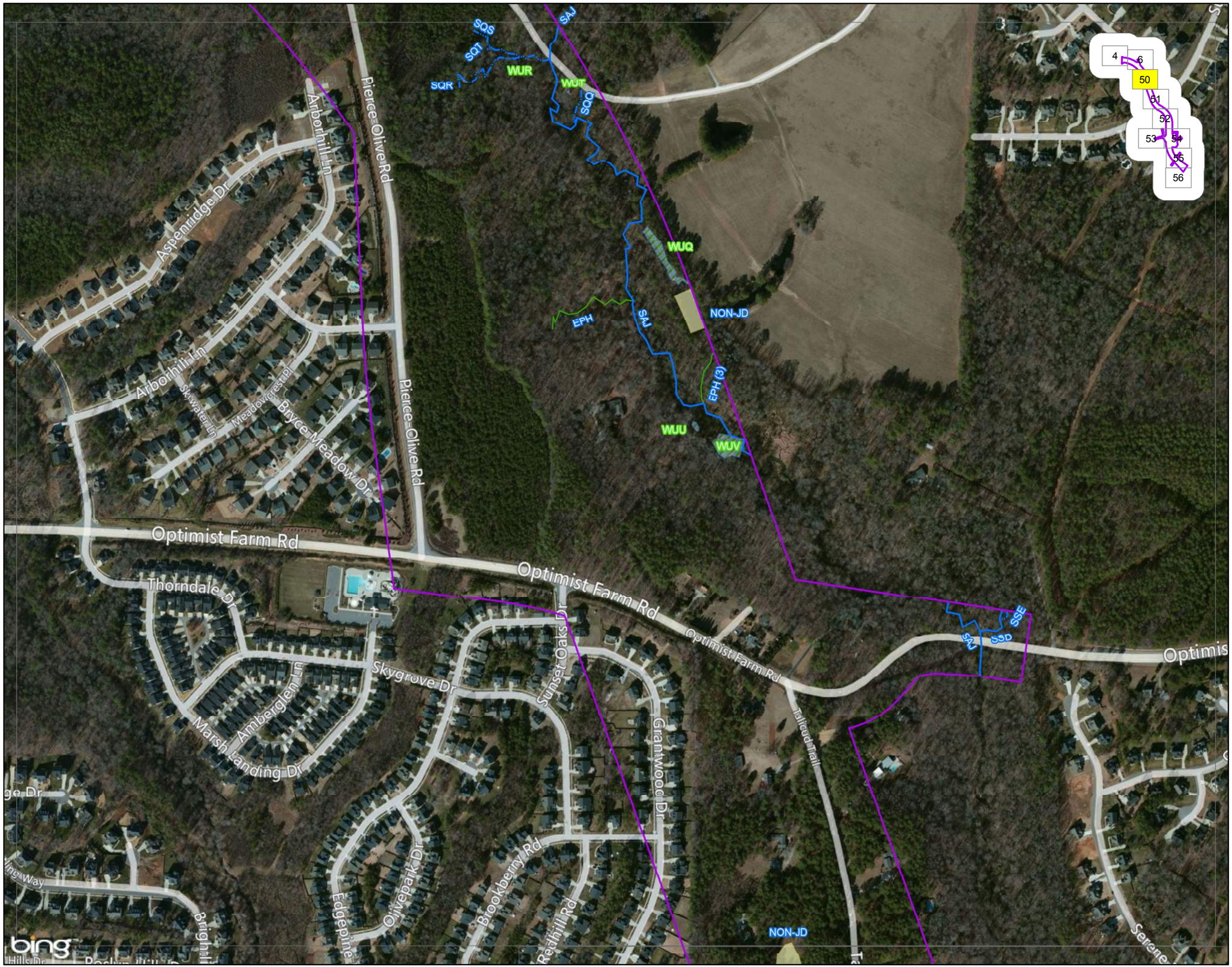
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-49



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

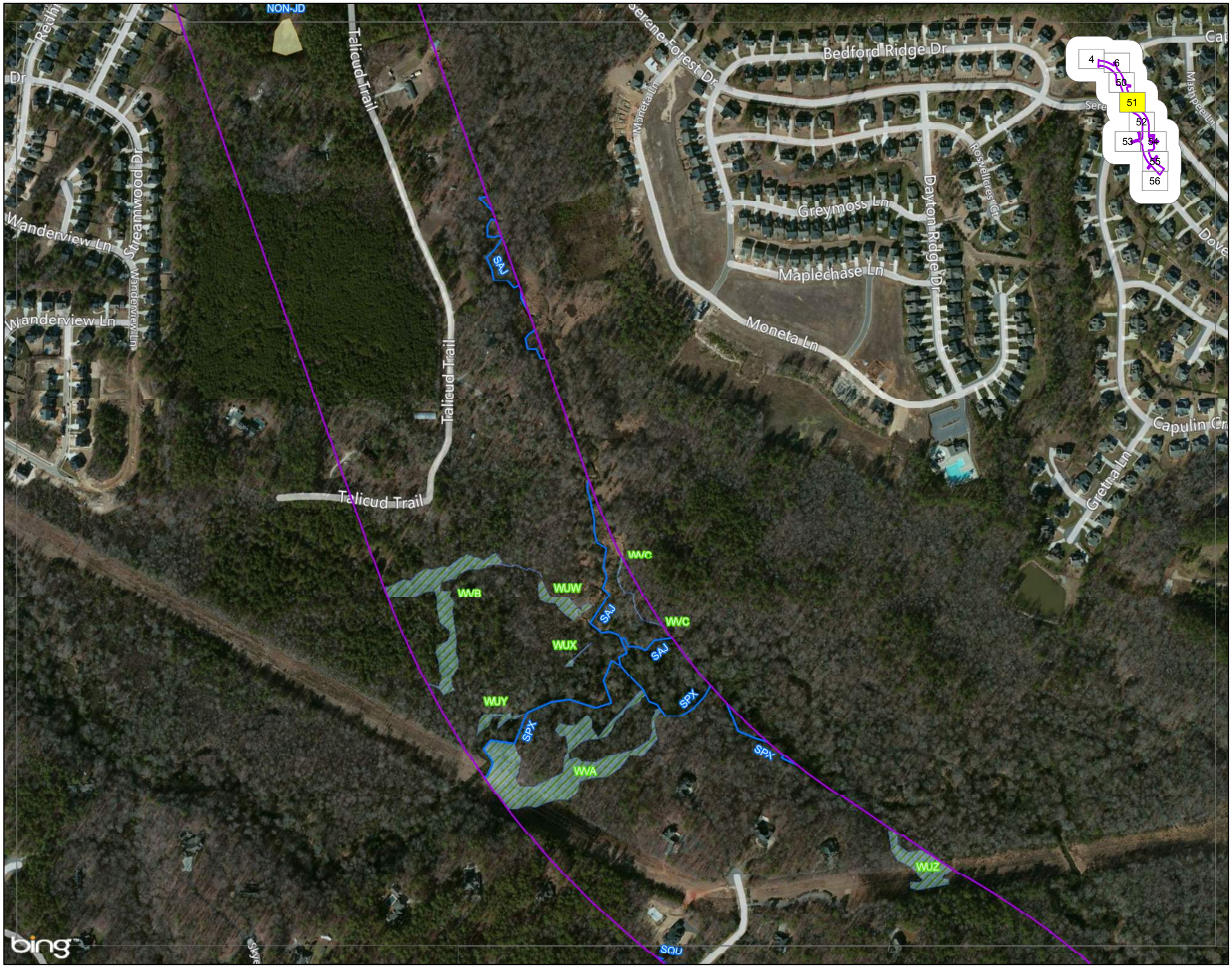
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-50



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

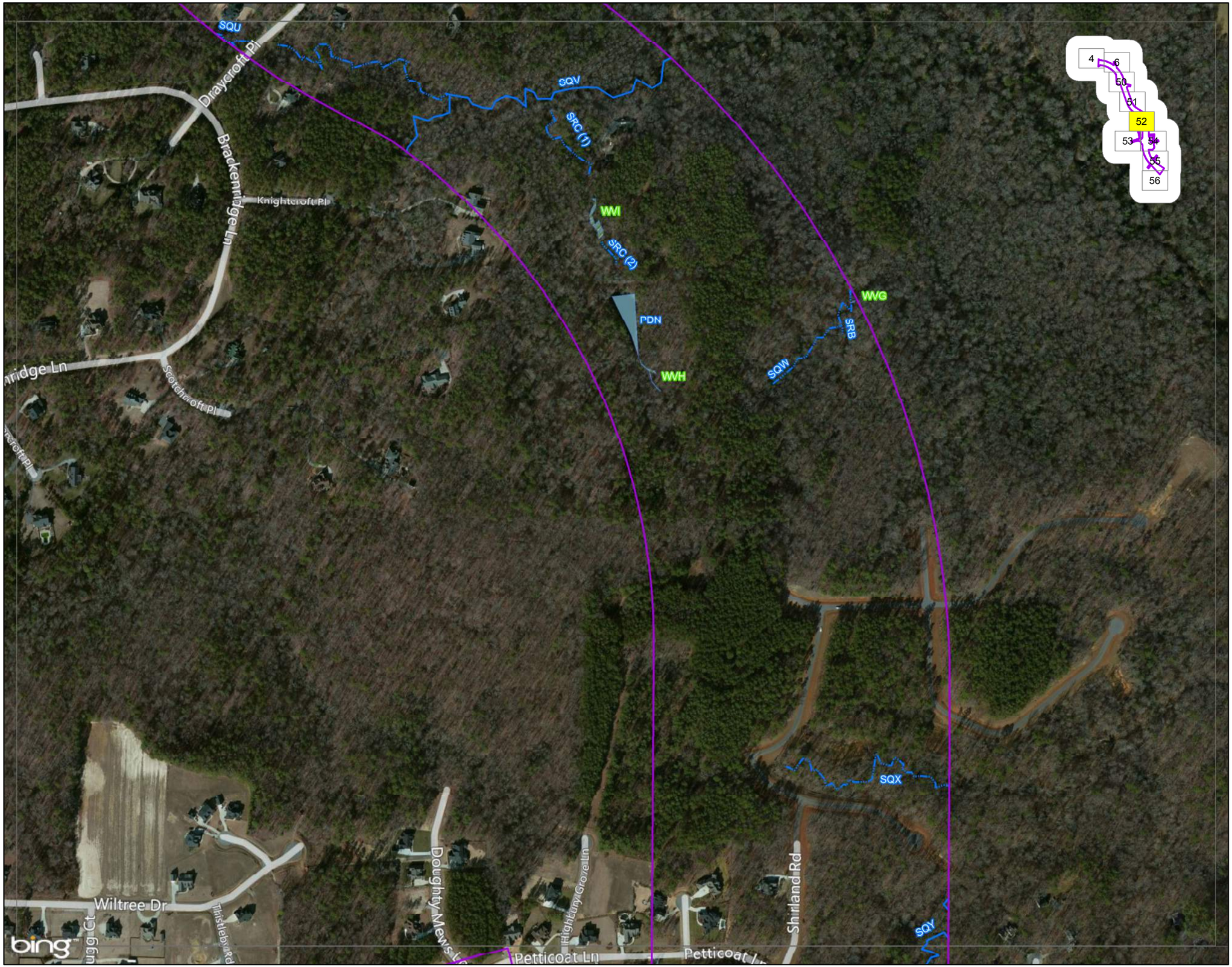
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-51



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

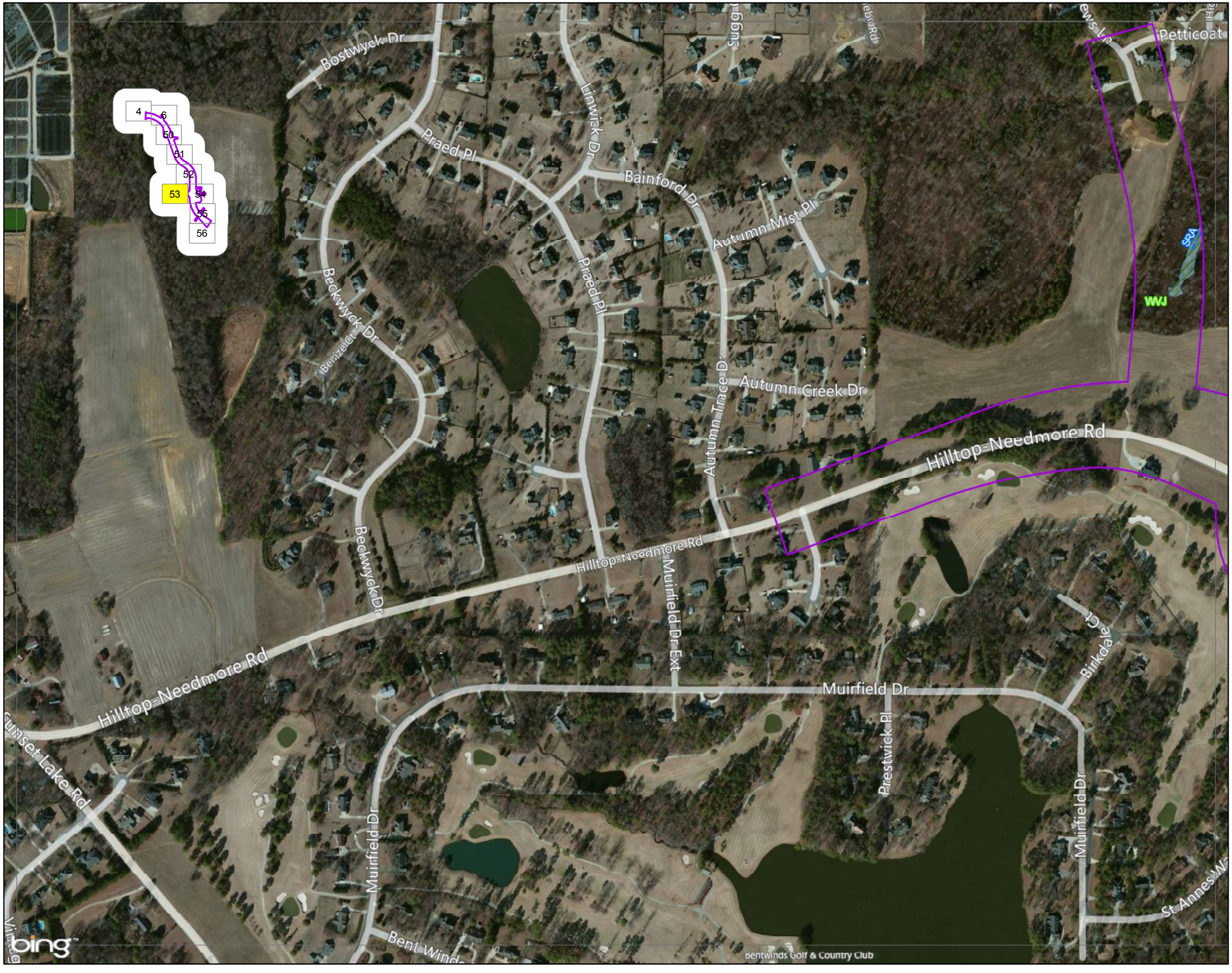
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-52



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-53



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

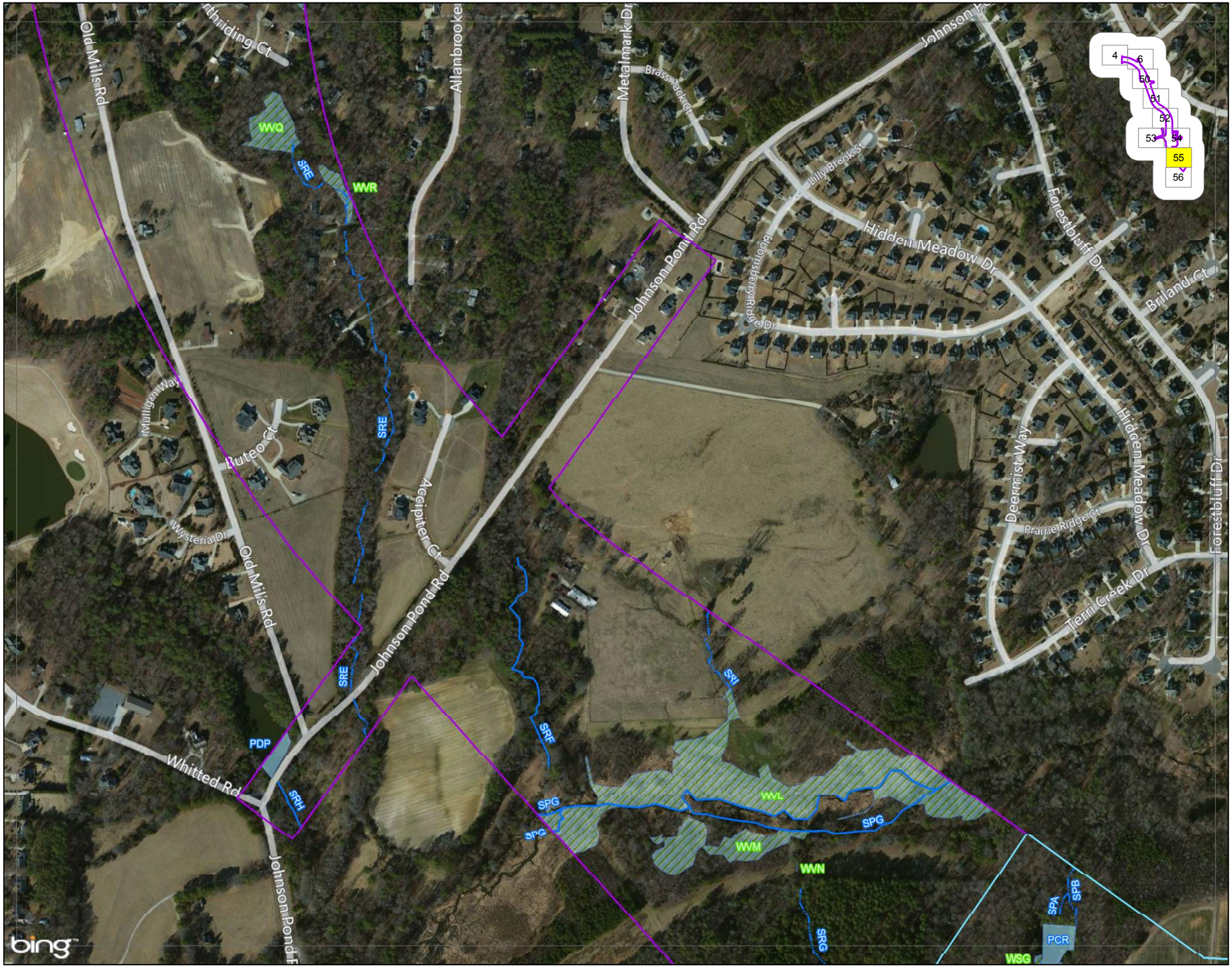
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-54



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-55



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

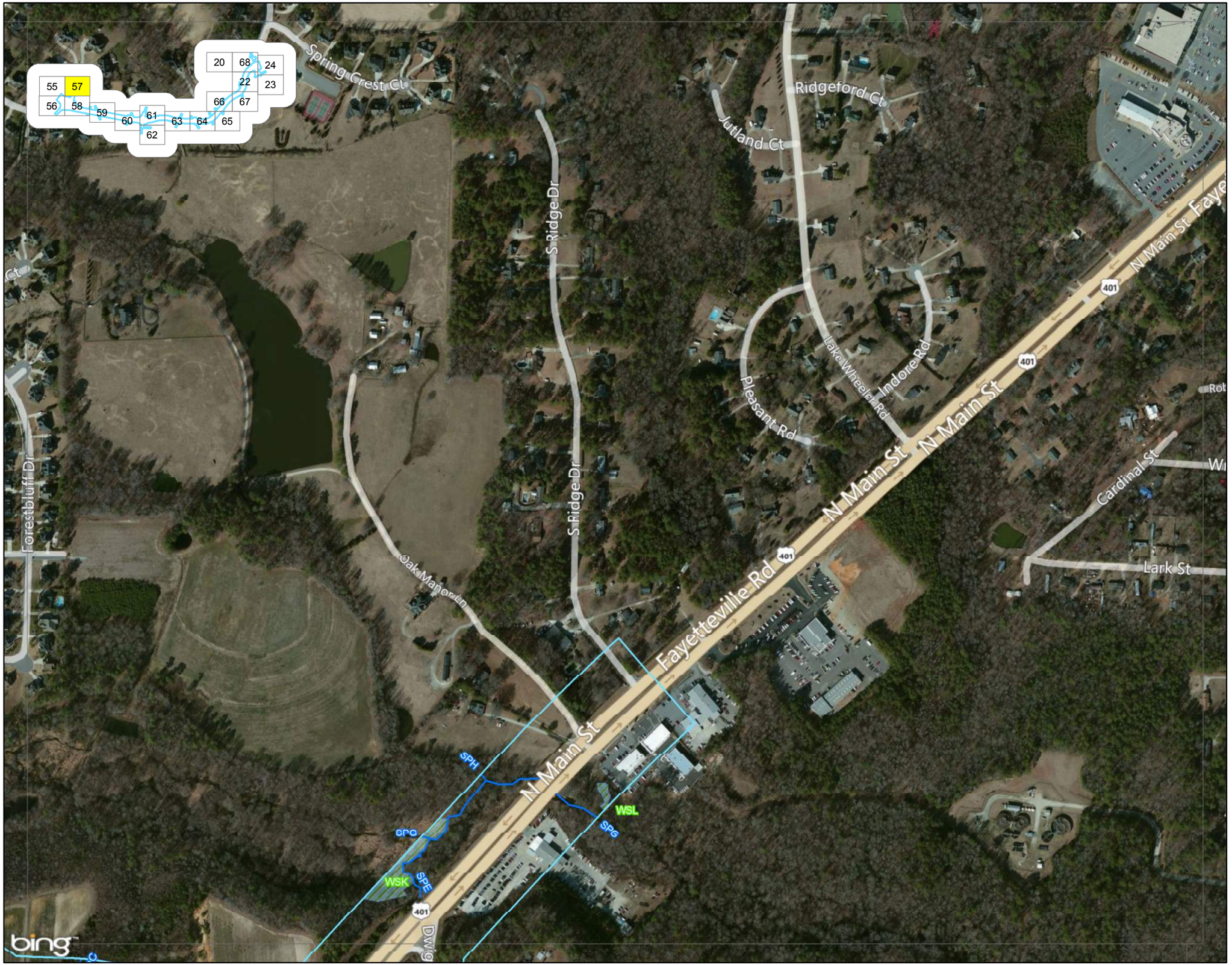
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-56



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

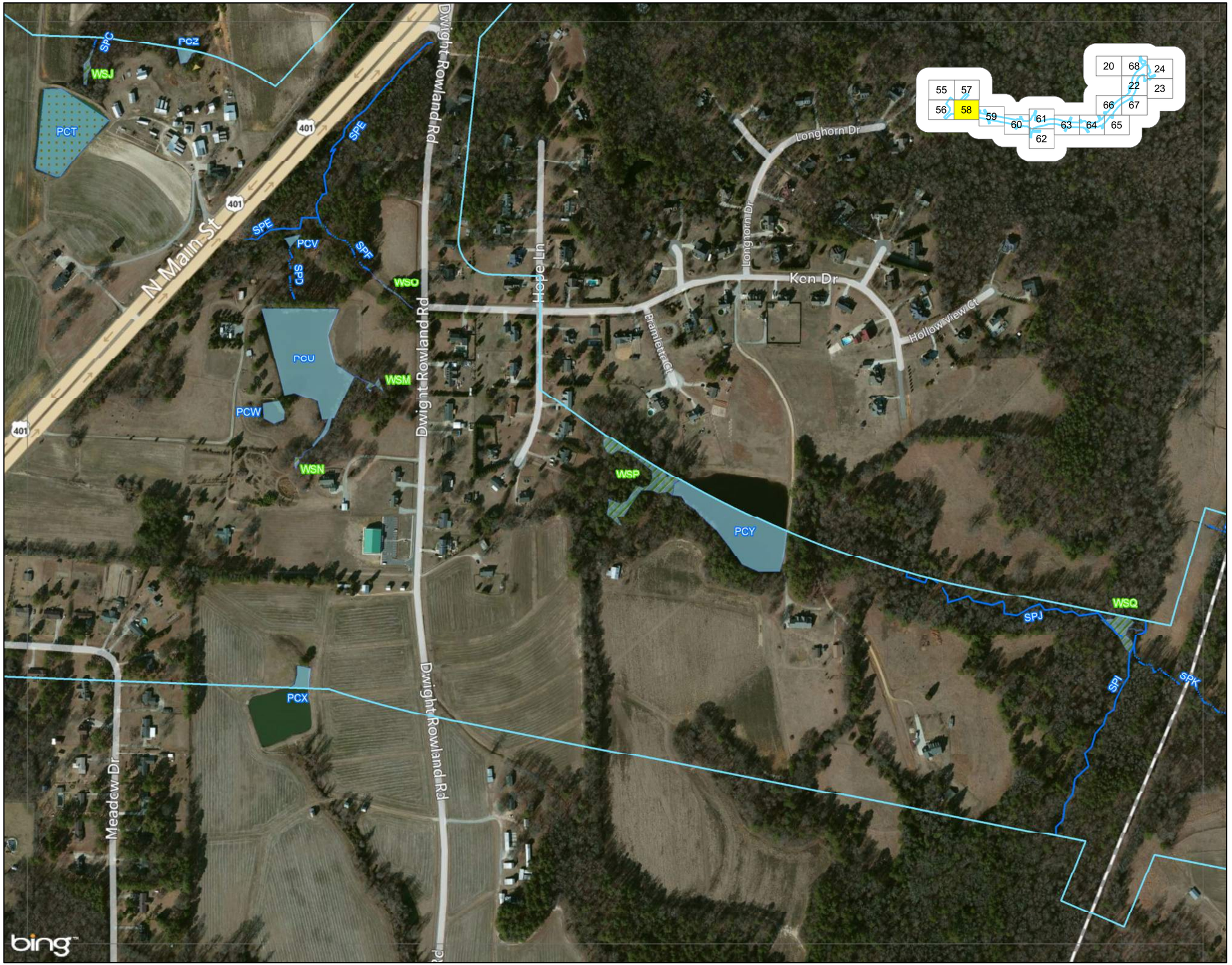
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-57



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-58



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

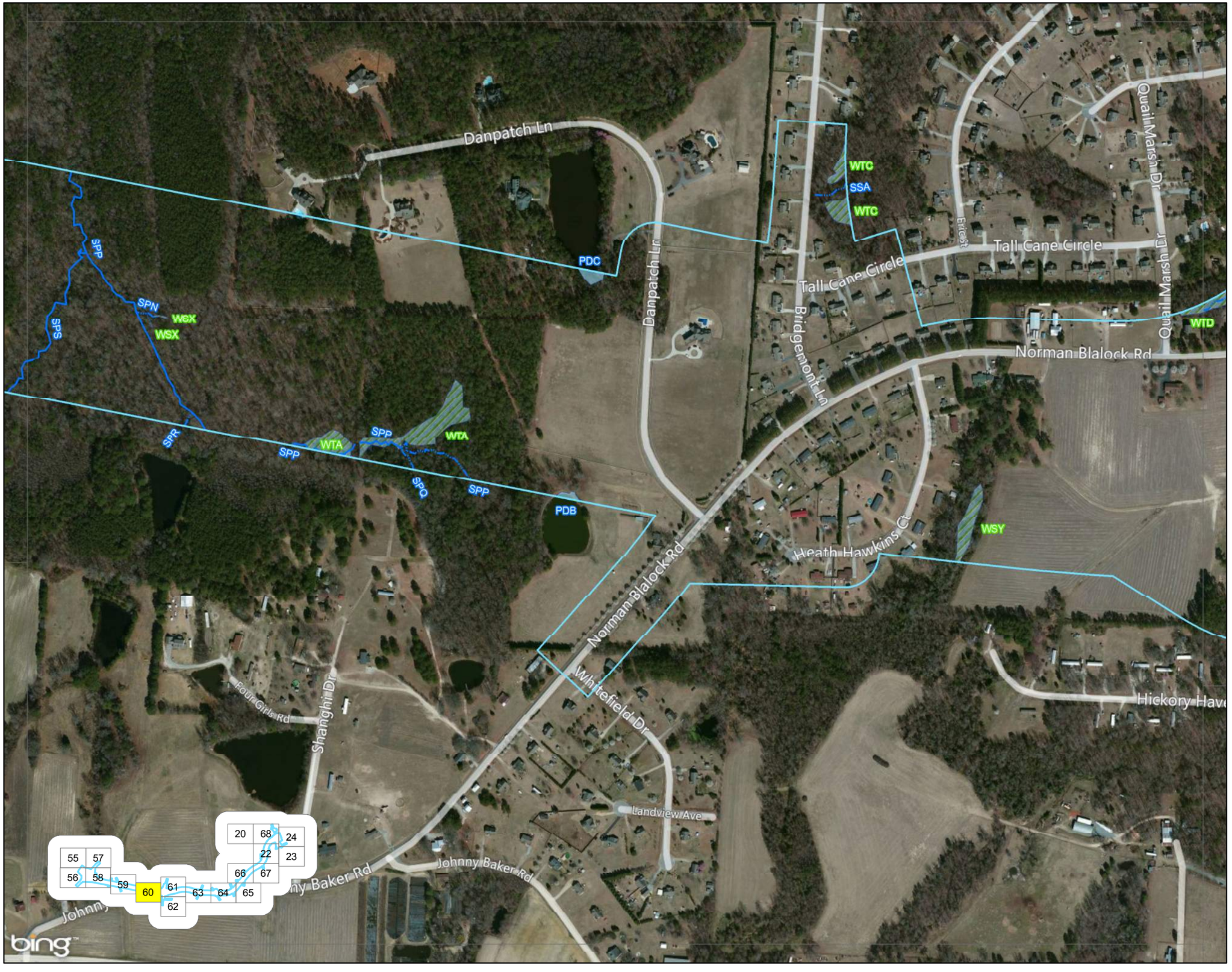
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-59



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

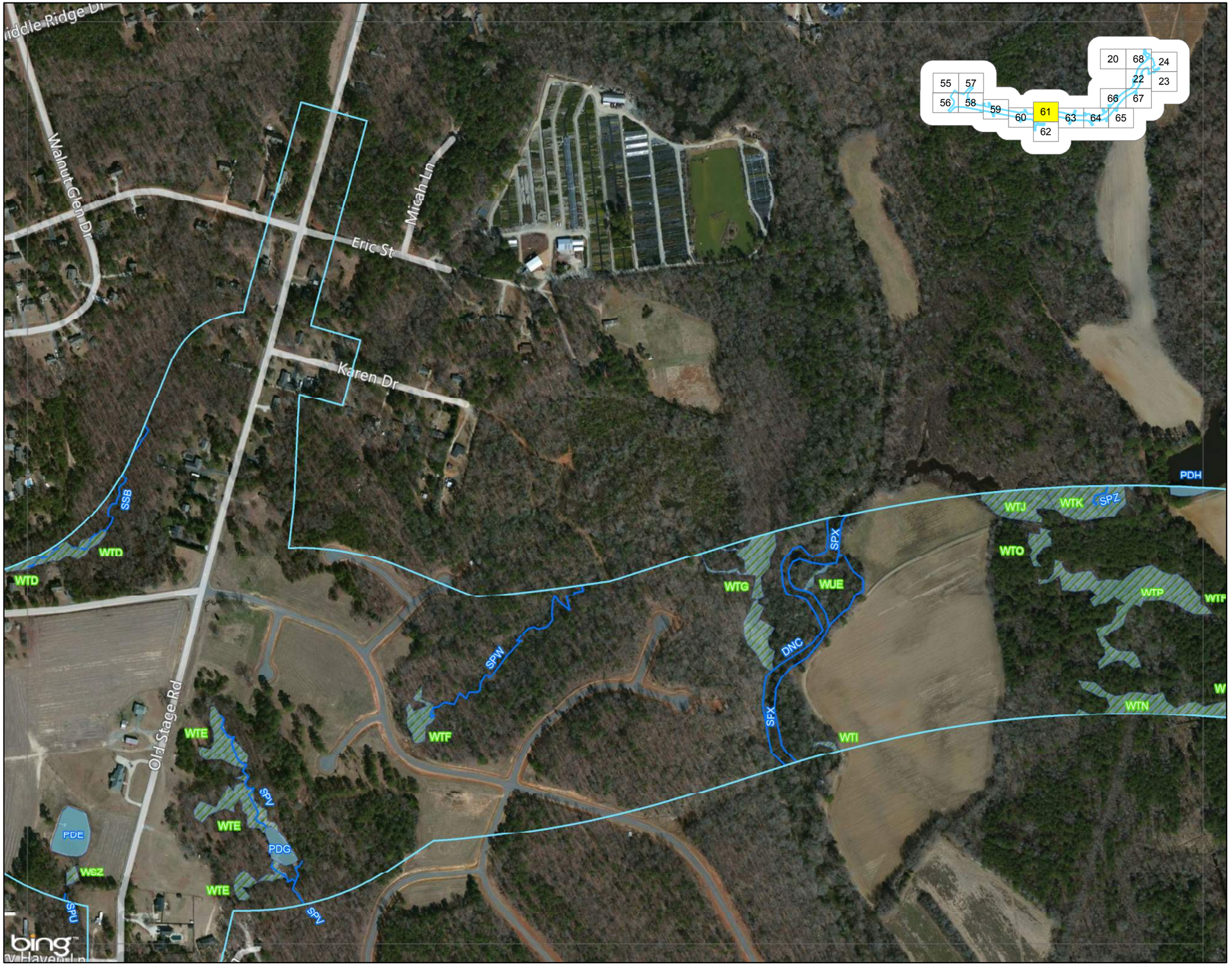
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-60



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

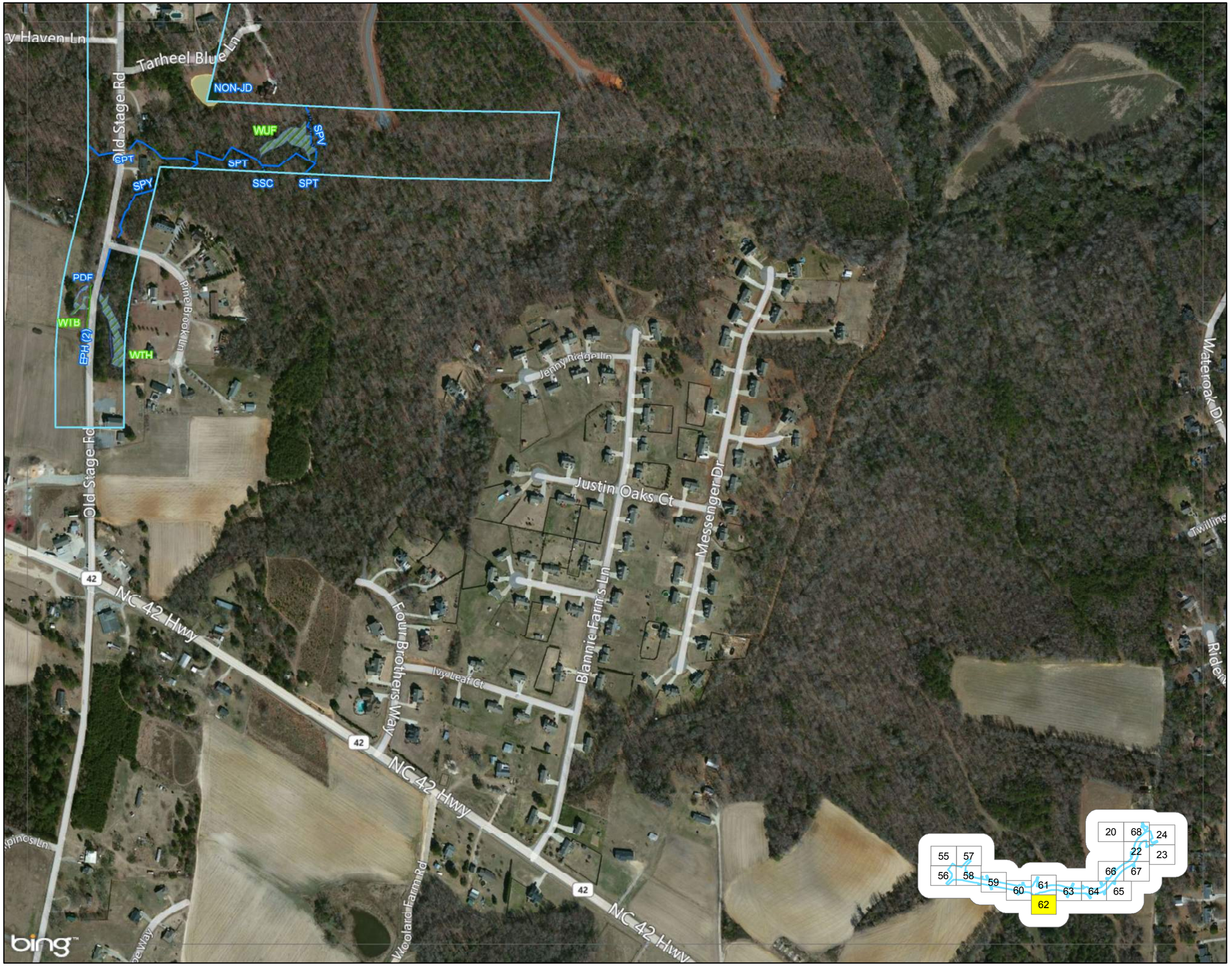
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-61



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-62



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

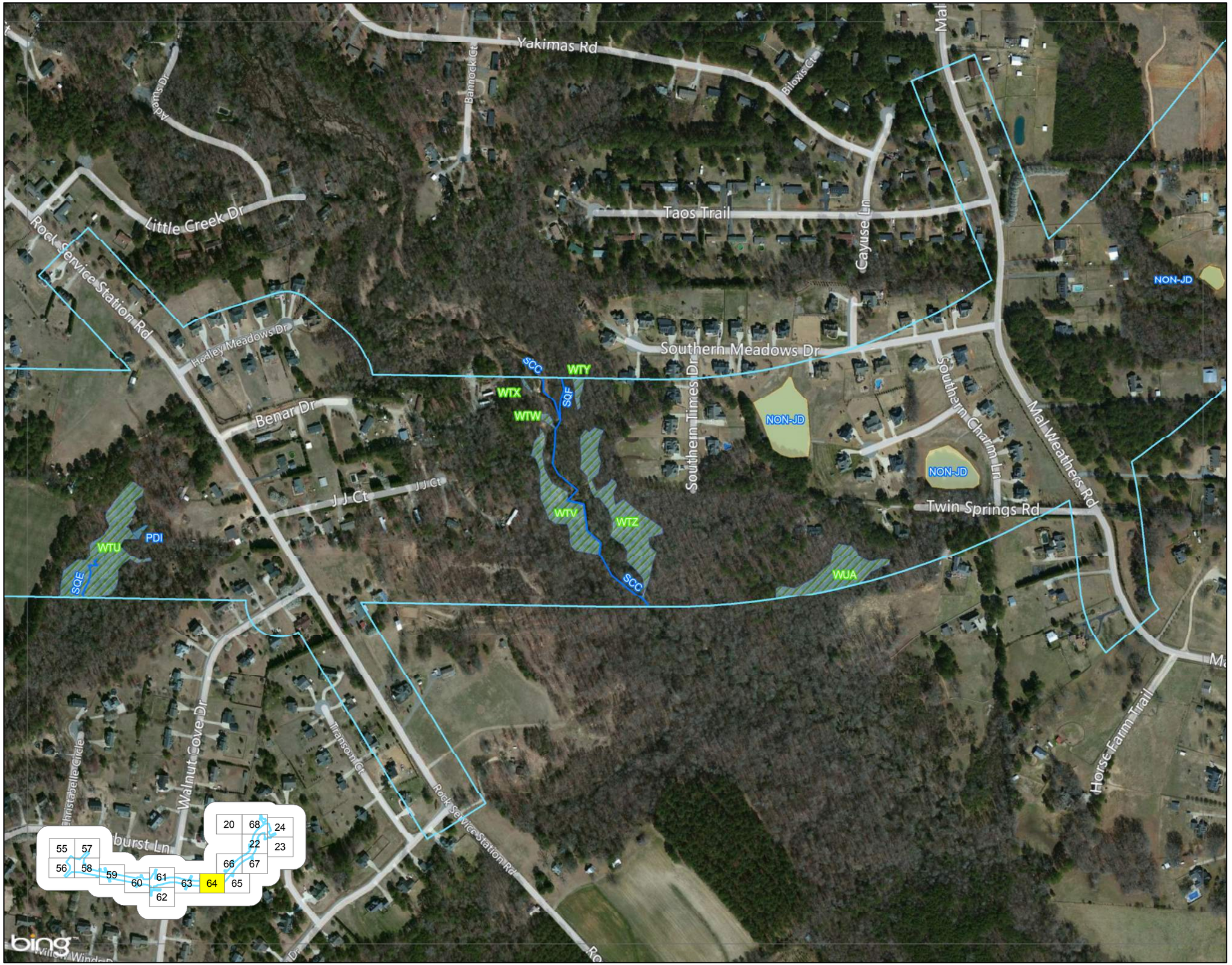
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-63



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

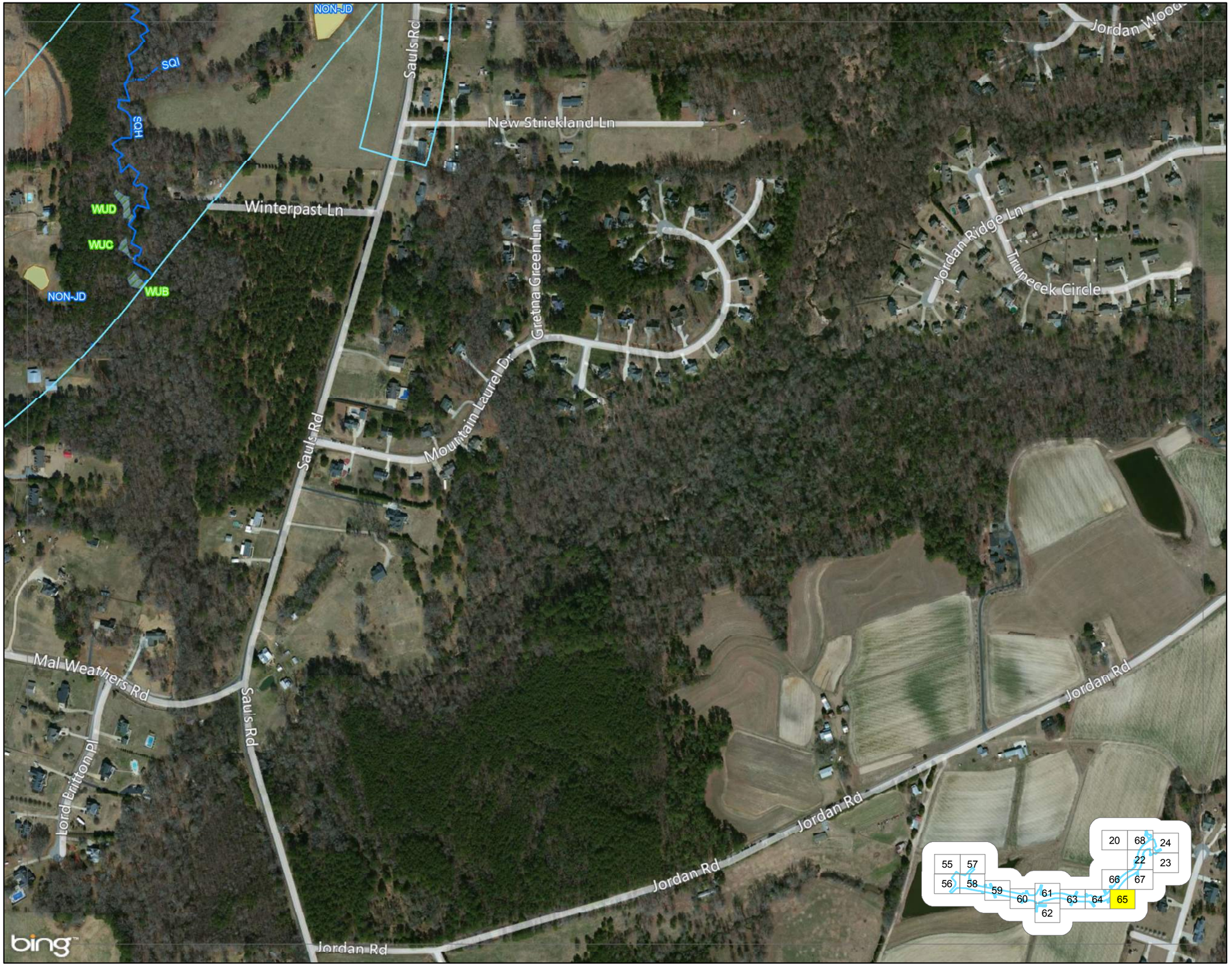
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-64



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

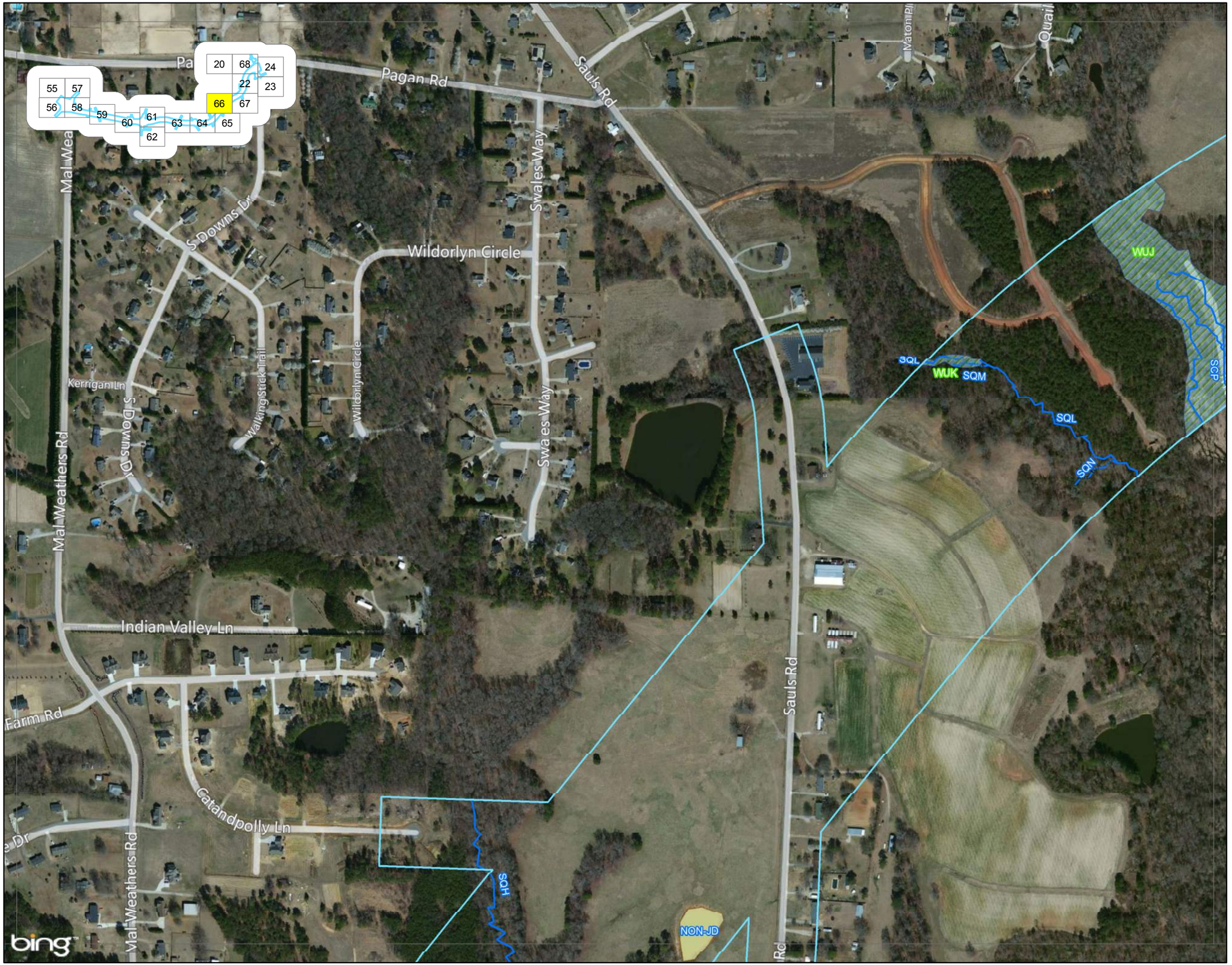
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-65



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

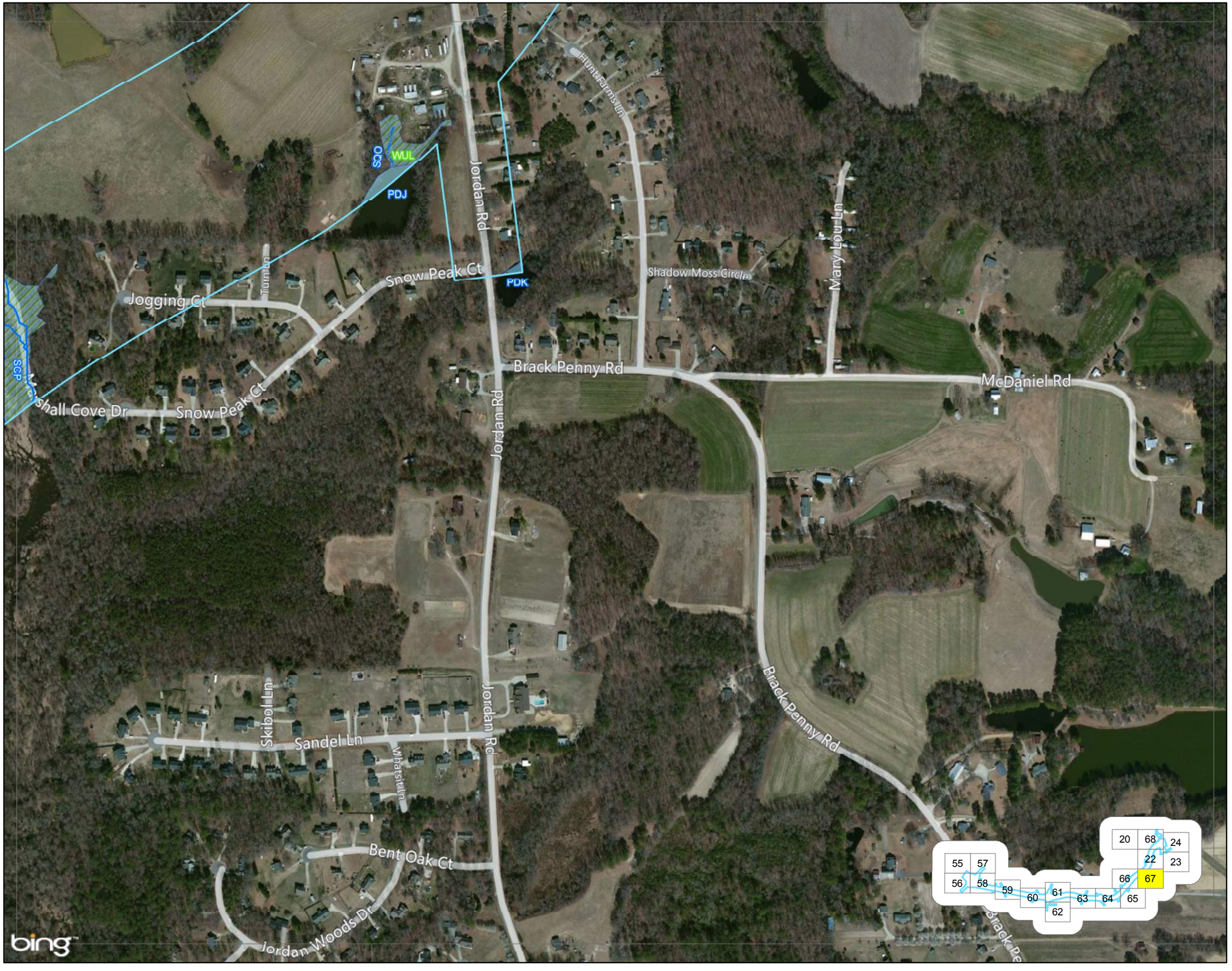
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-66



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

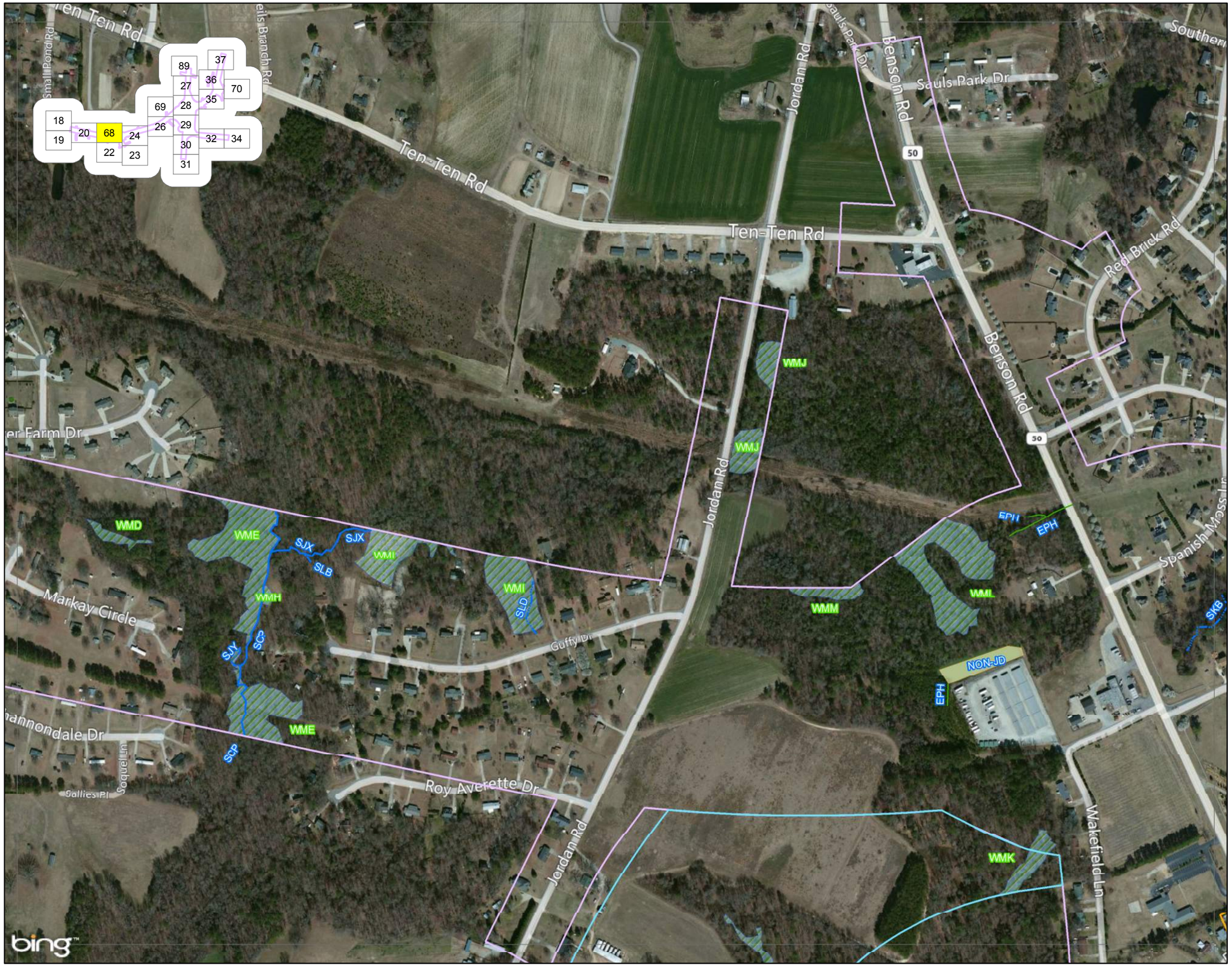
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-67



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Blue
- Green
- Brown
- Red
- Mint
- Lilac
- Tan
- Purple
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

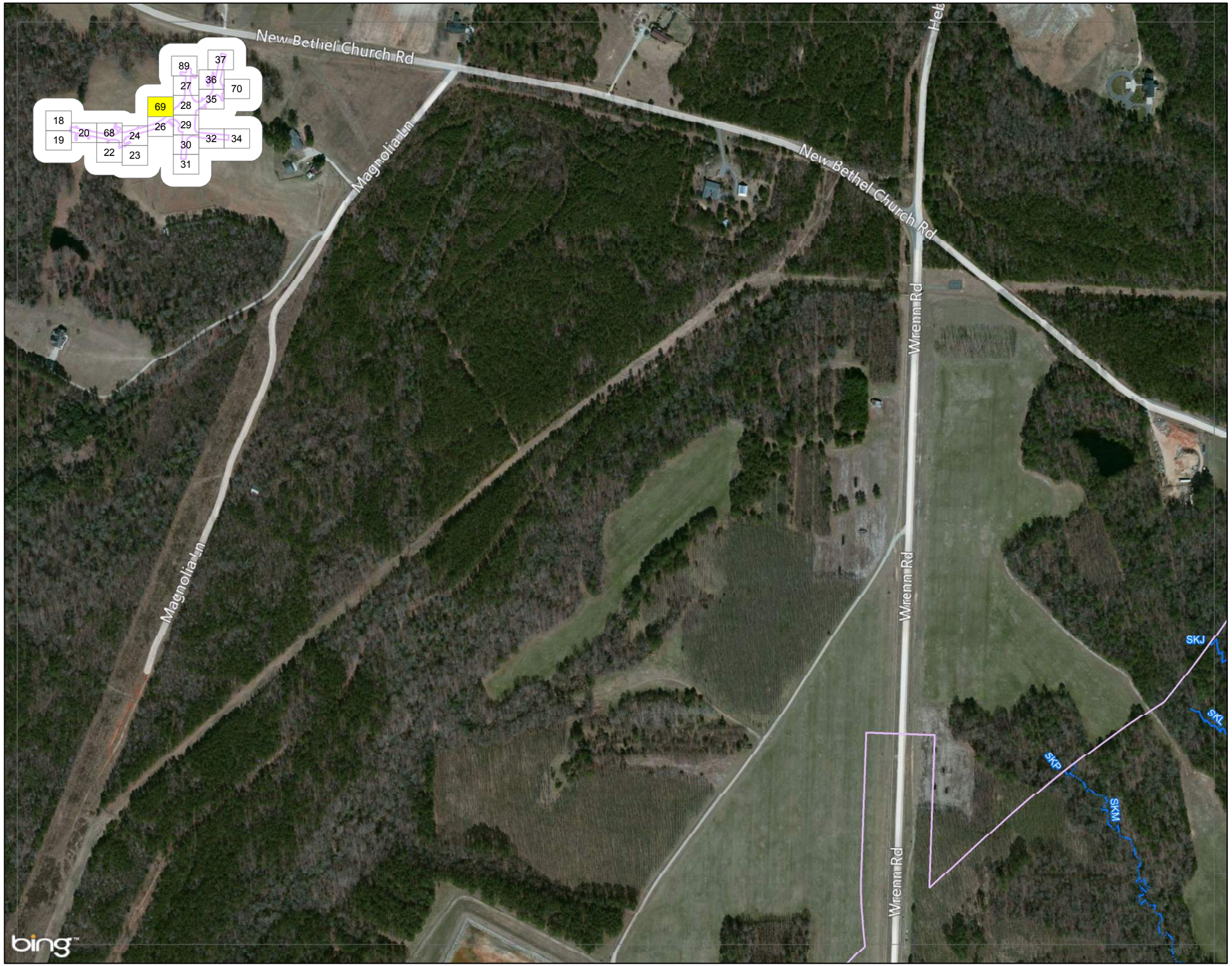
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-68



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

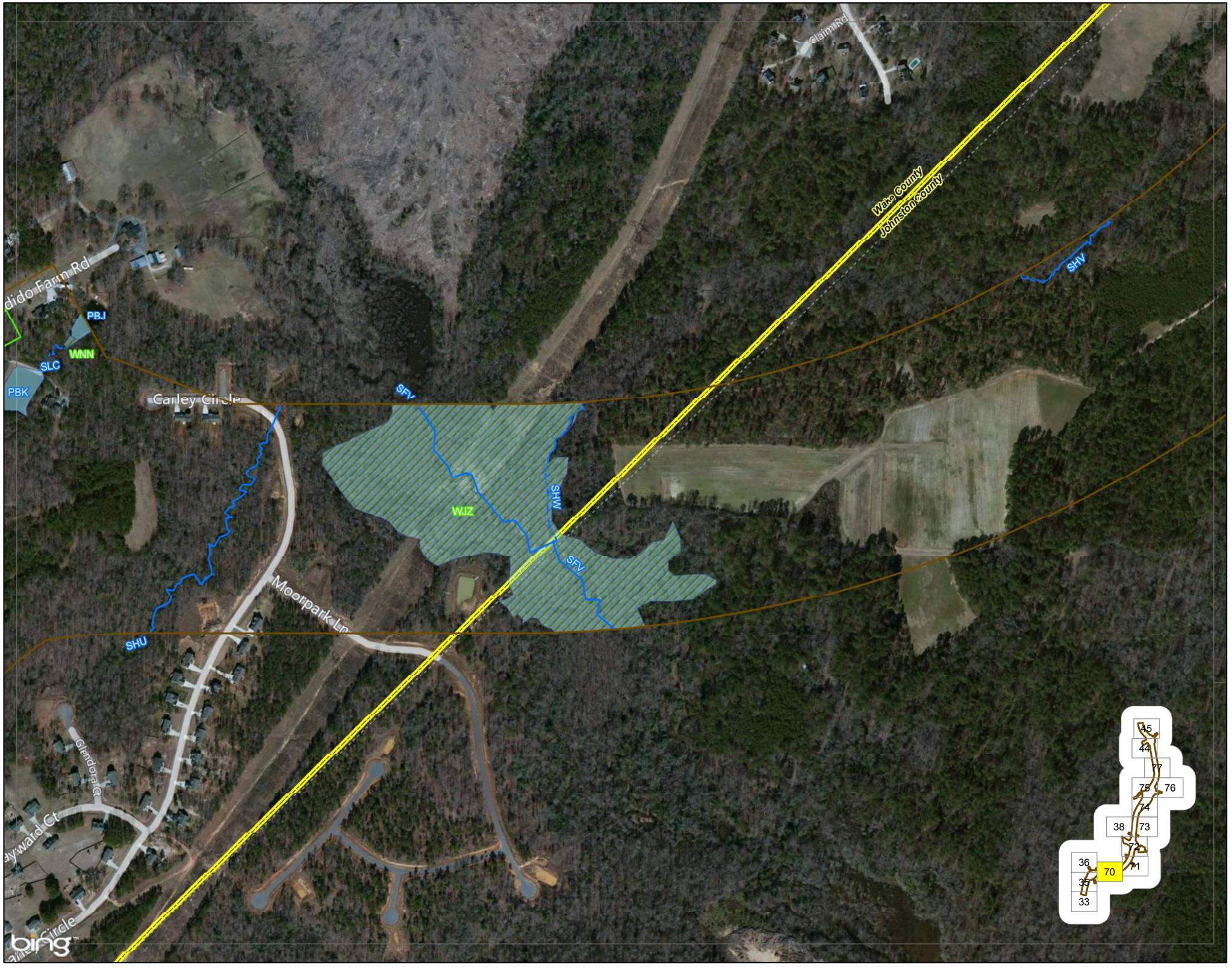
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-69



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-70



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
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- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
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- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-71



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
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- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

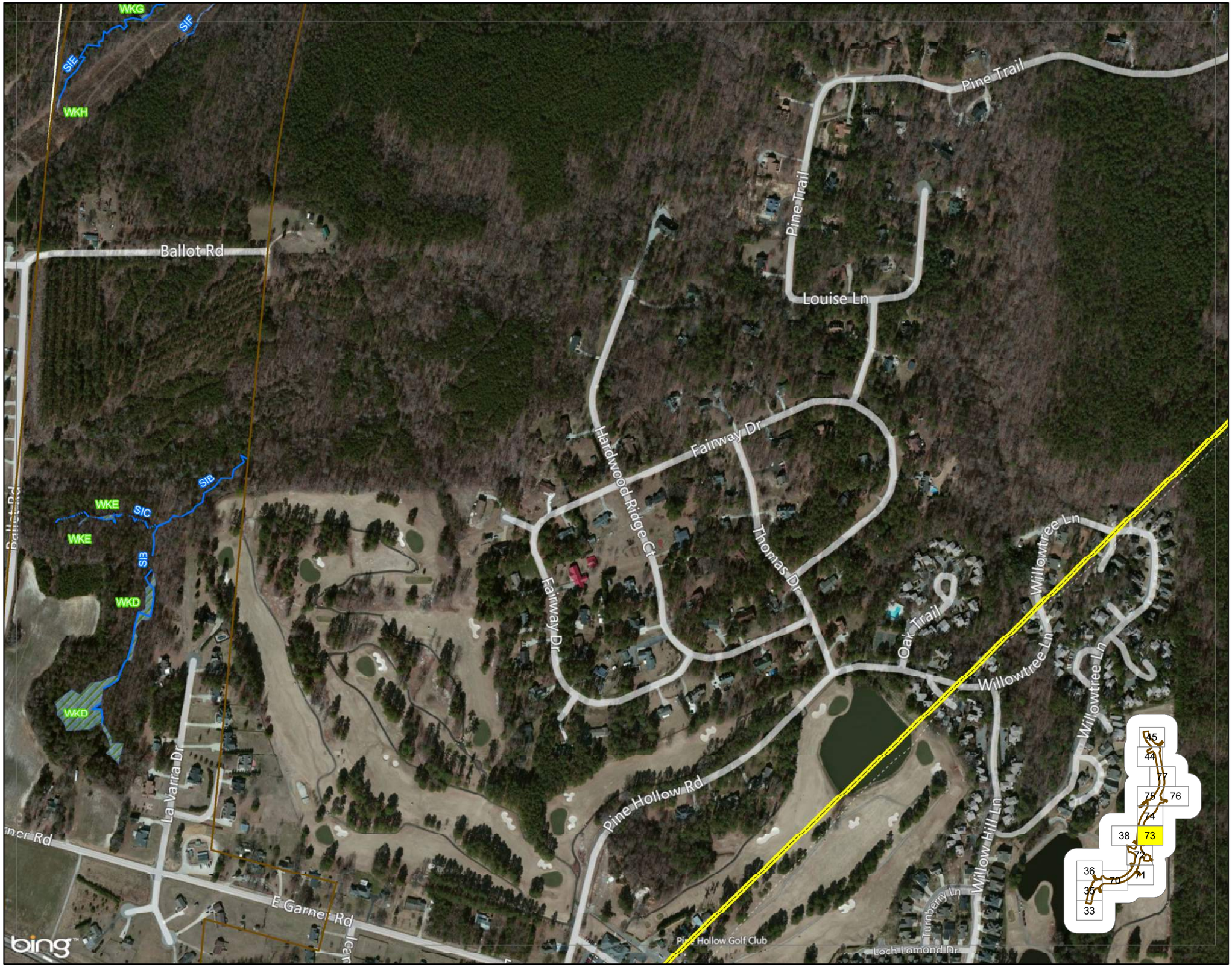
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-72



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

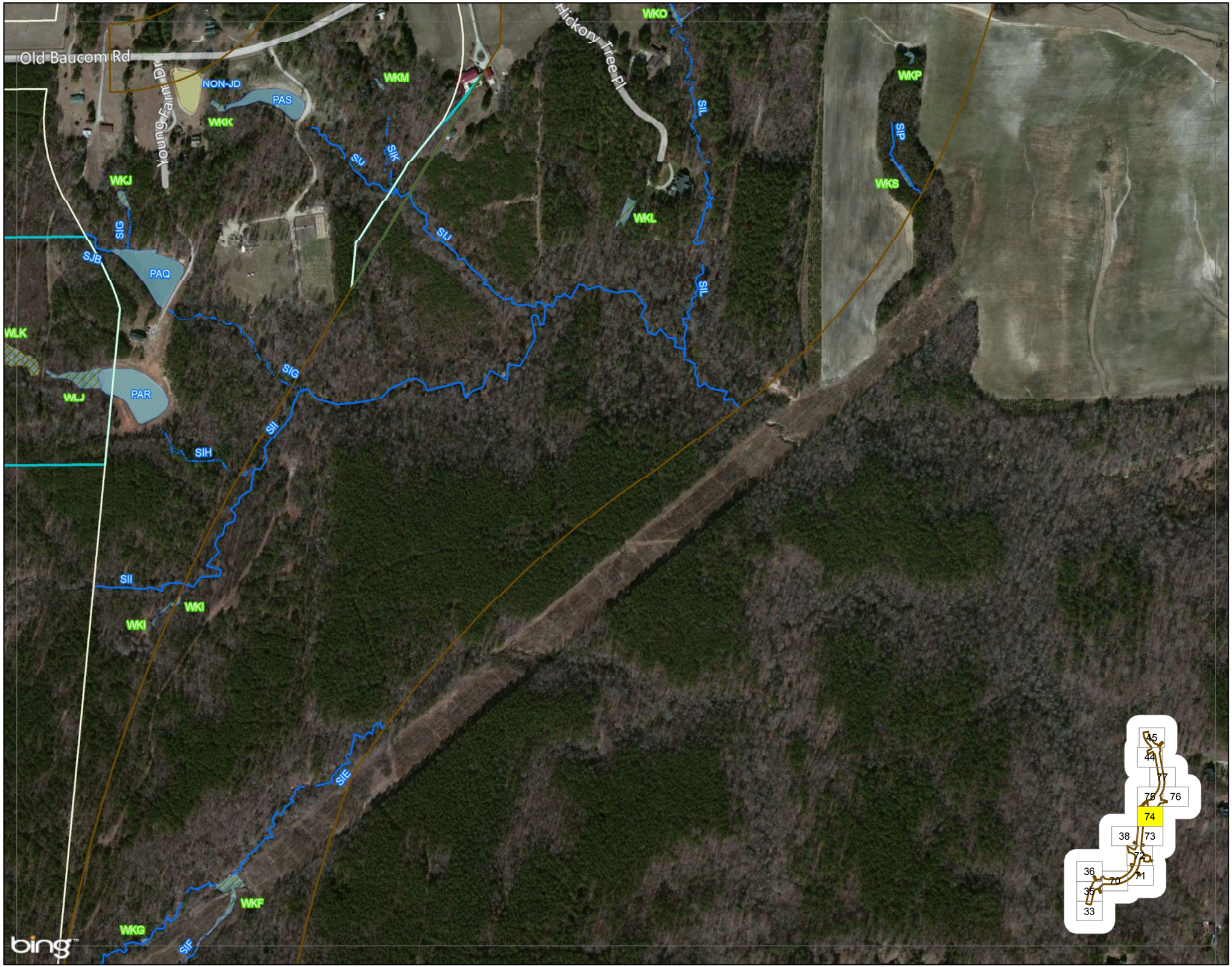
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-73



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
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- Tan
- Teal

Features

- Wetlands
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- Ponds - Jurisdictional
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- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
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- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-74



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
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- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-75



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-76



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-77



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
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- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-78



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-79



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

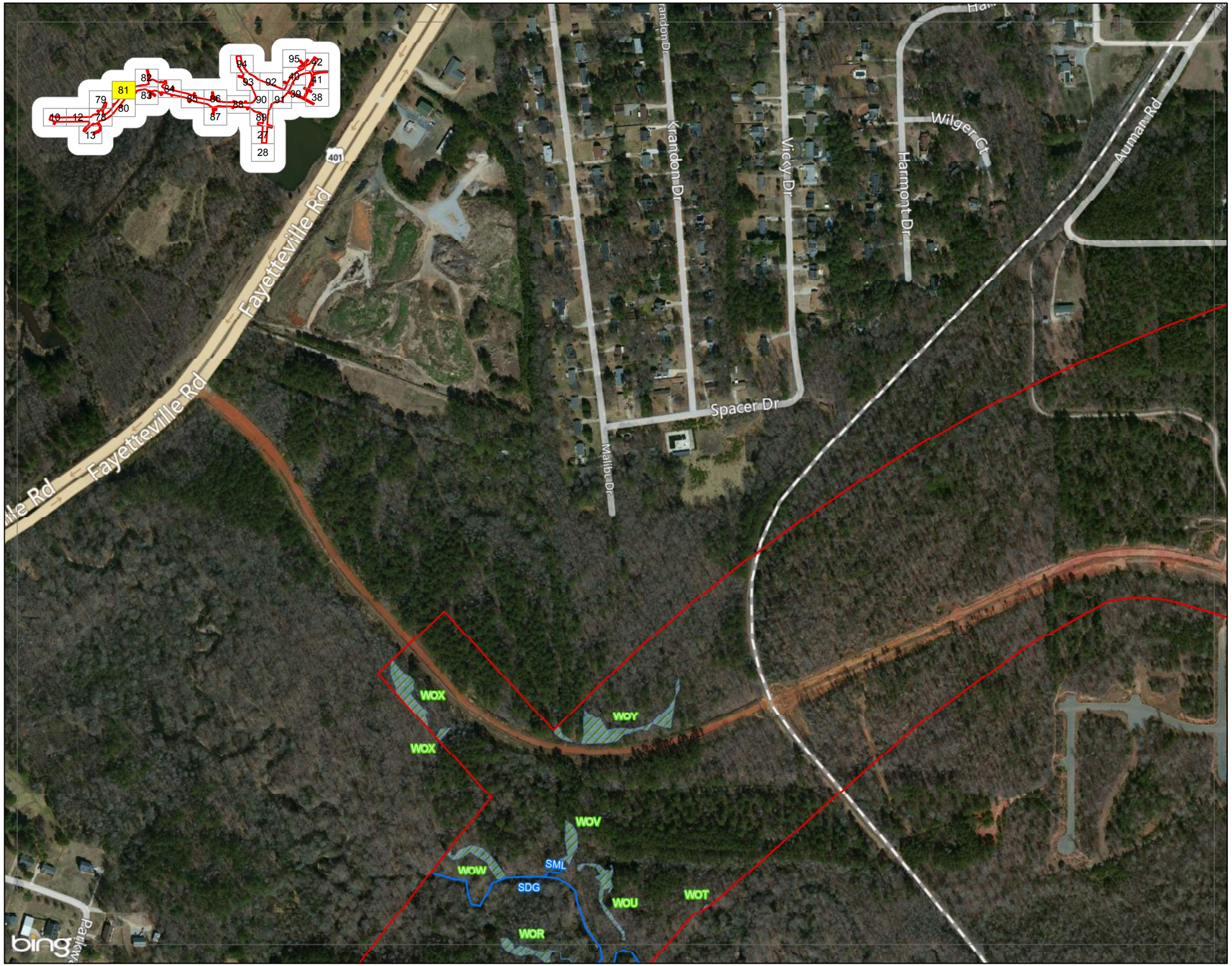
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-80



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
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- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

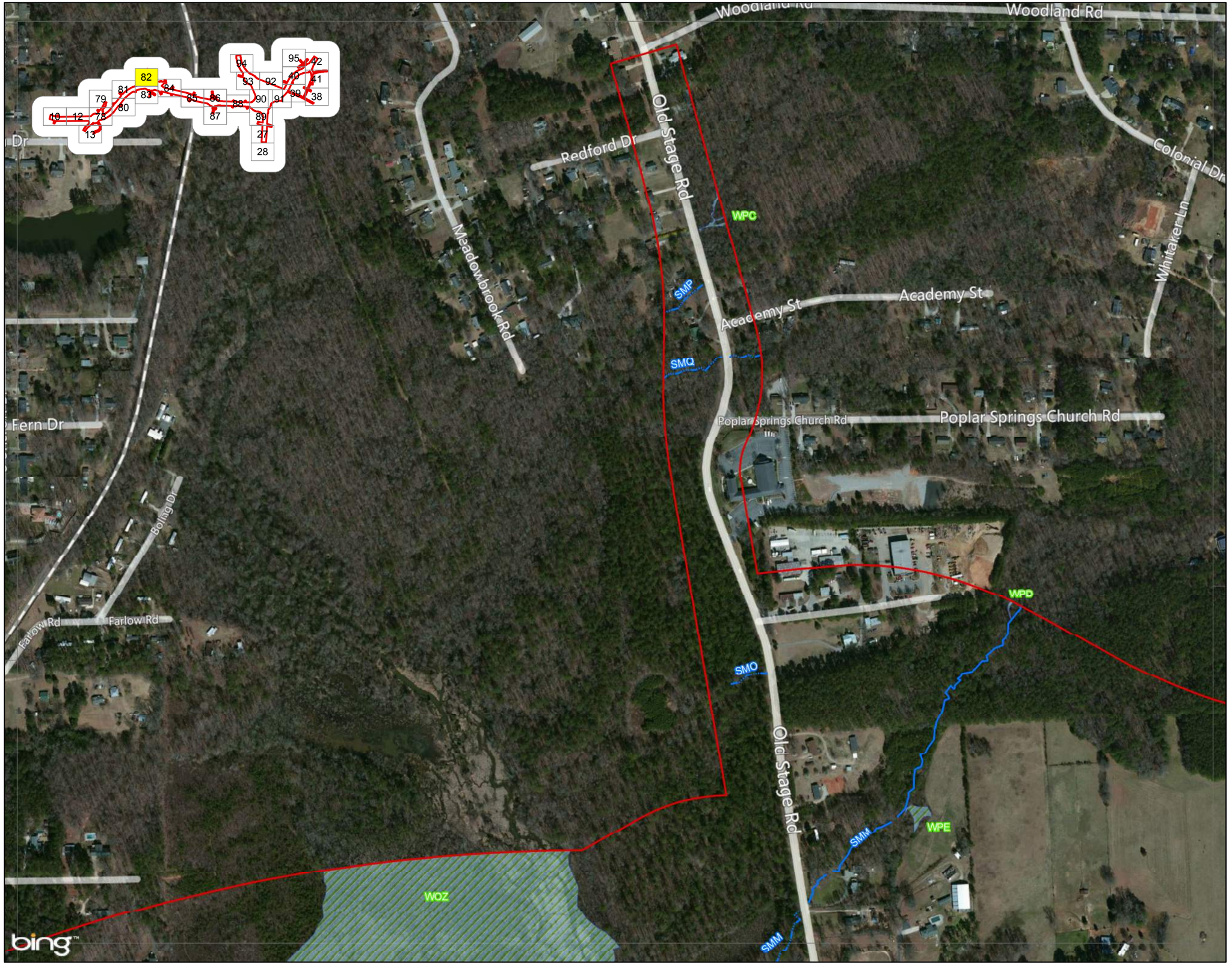
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-81



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

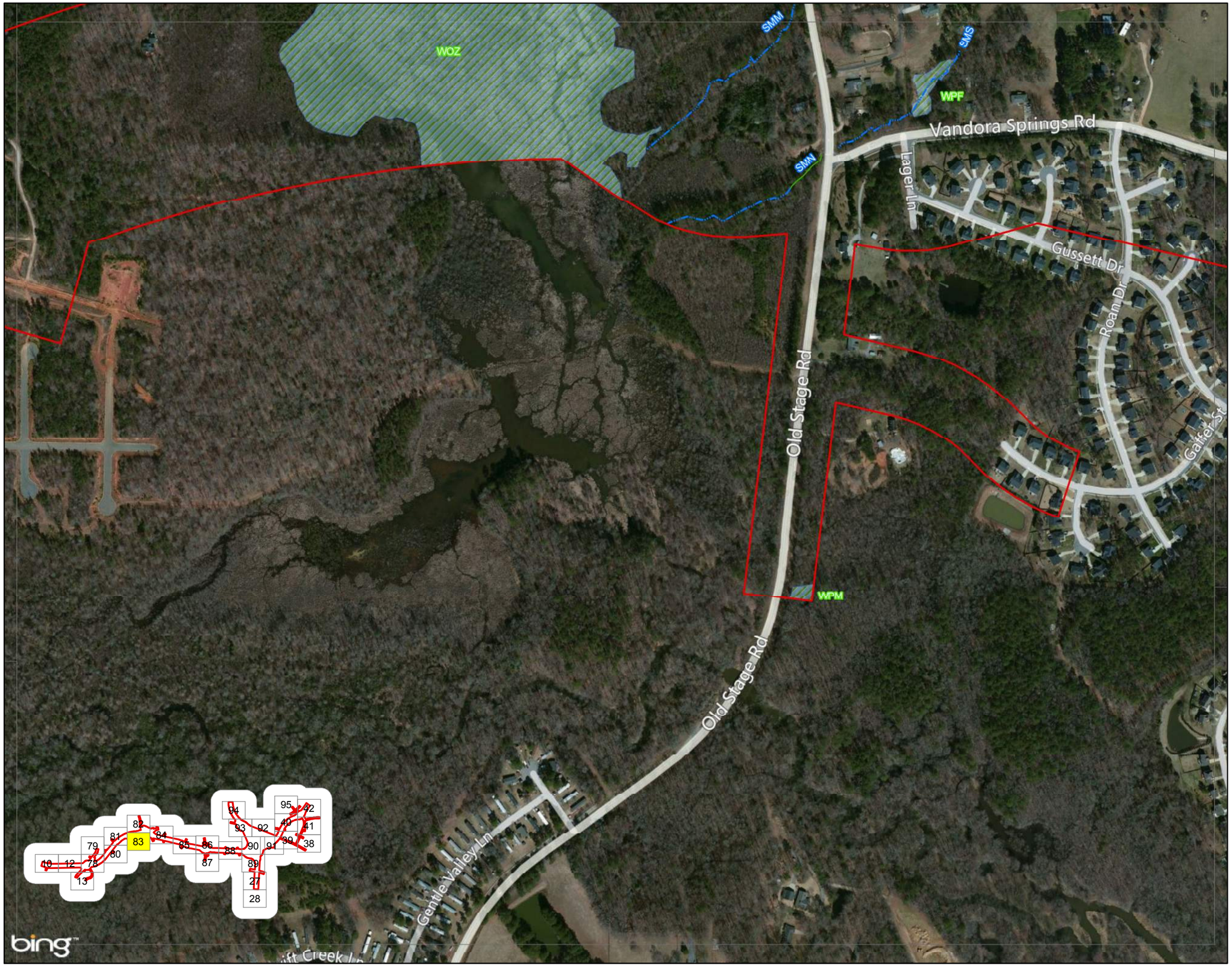
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-82



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

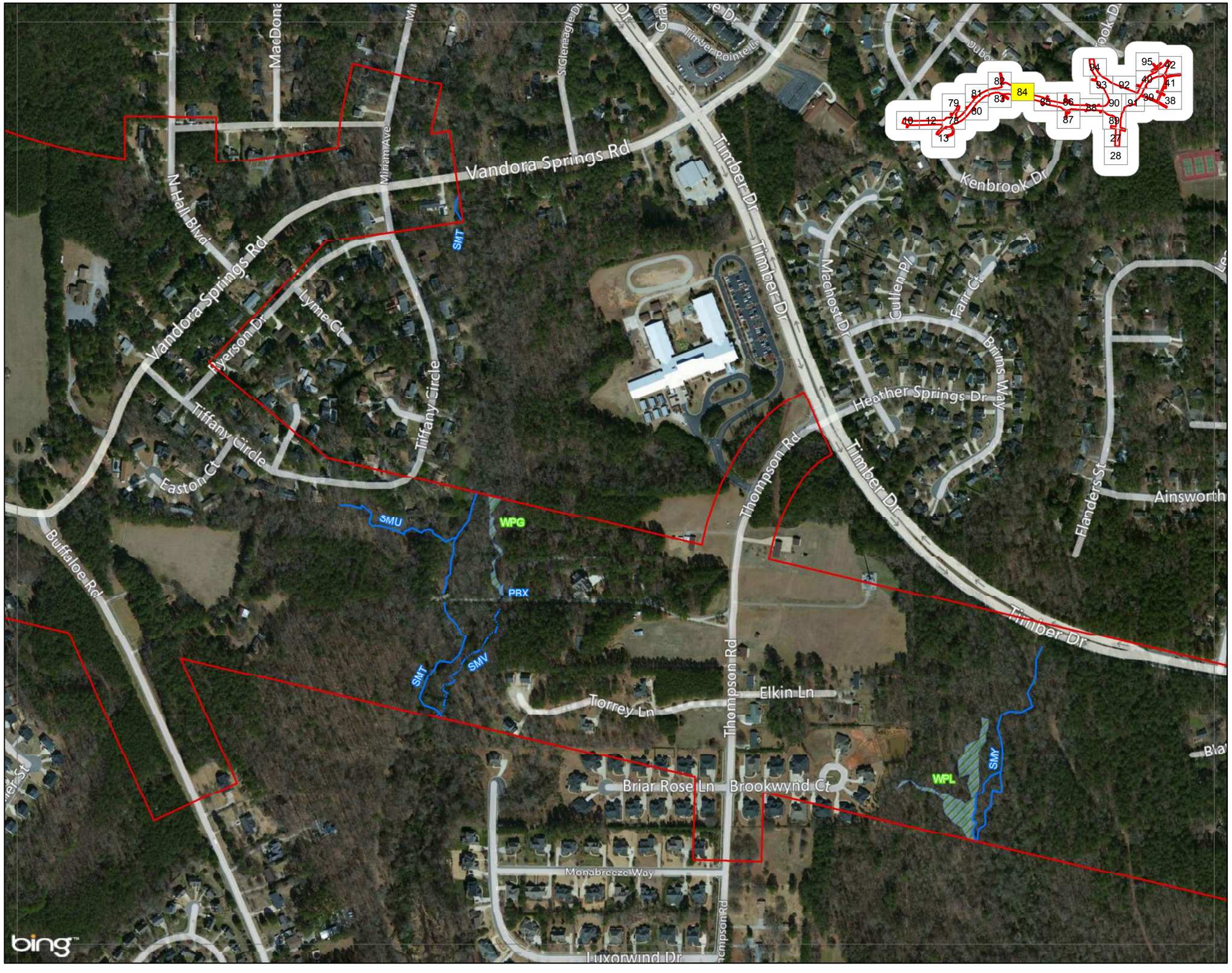
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-83



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

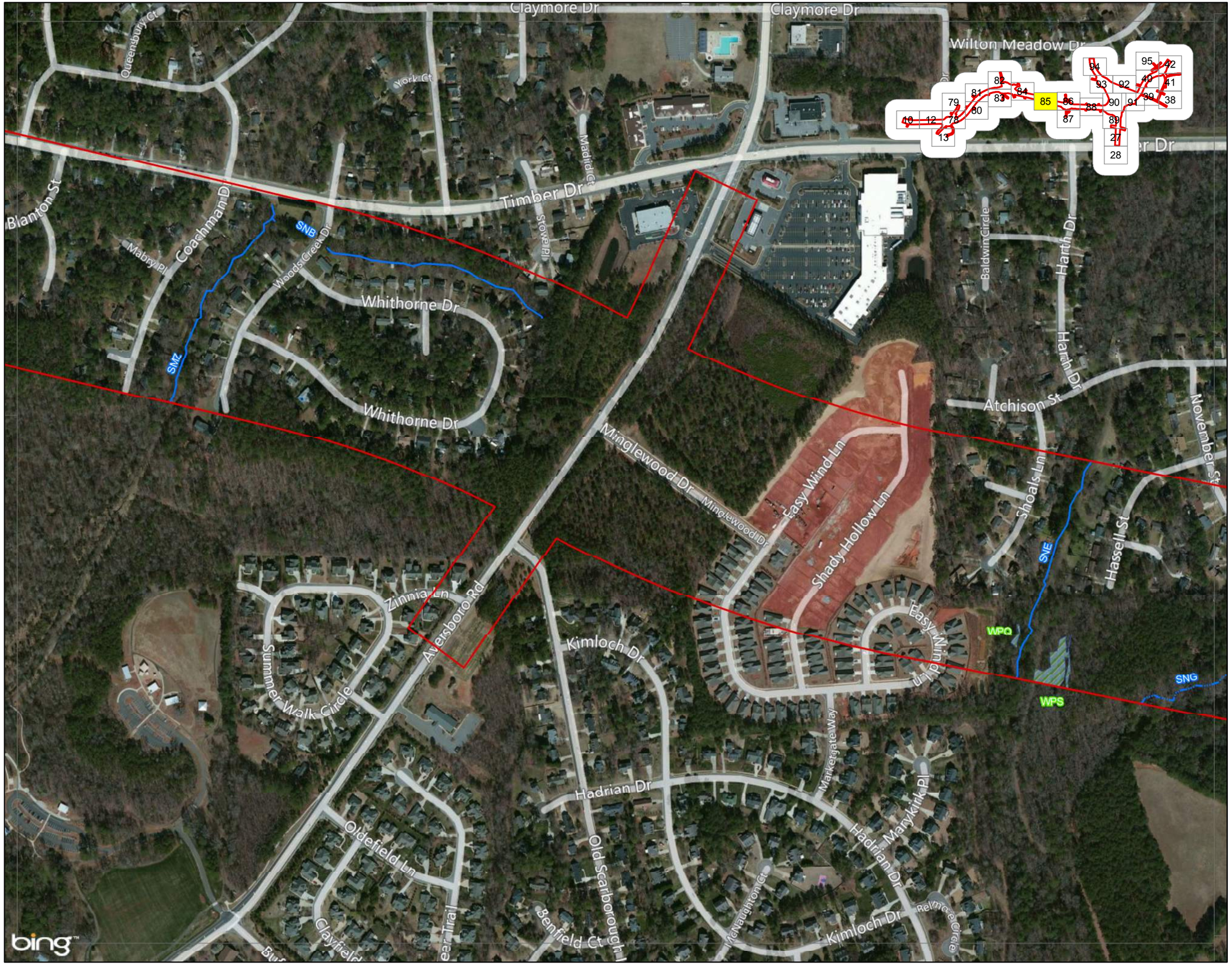
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-84



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

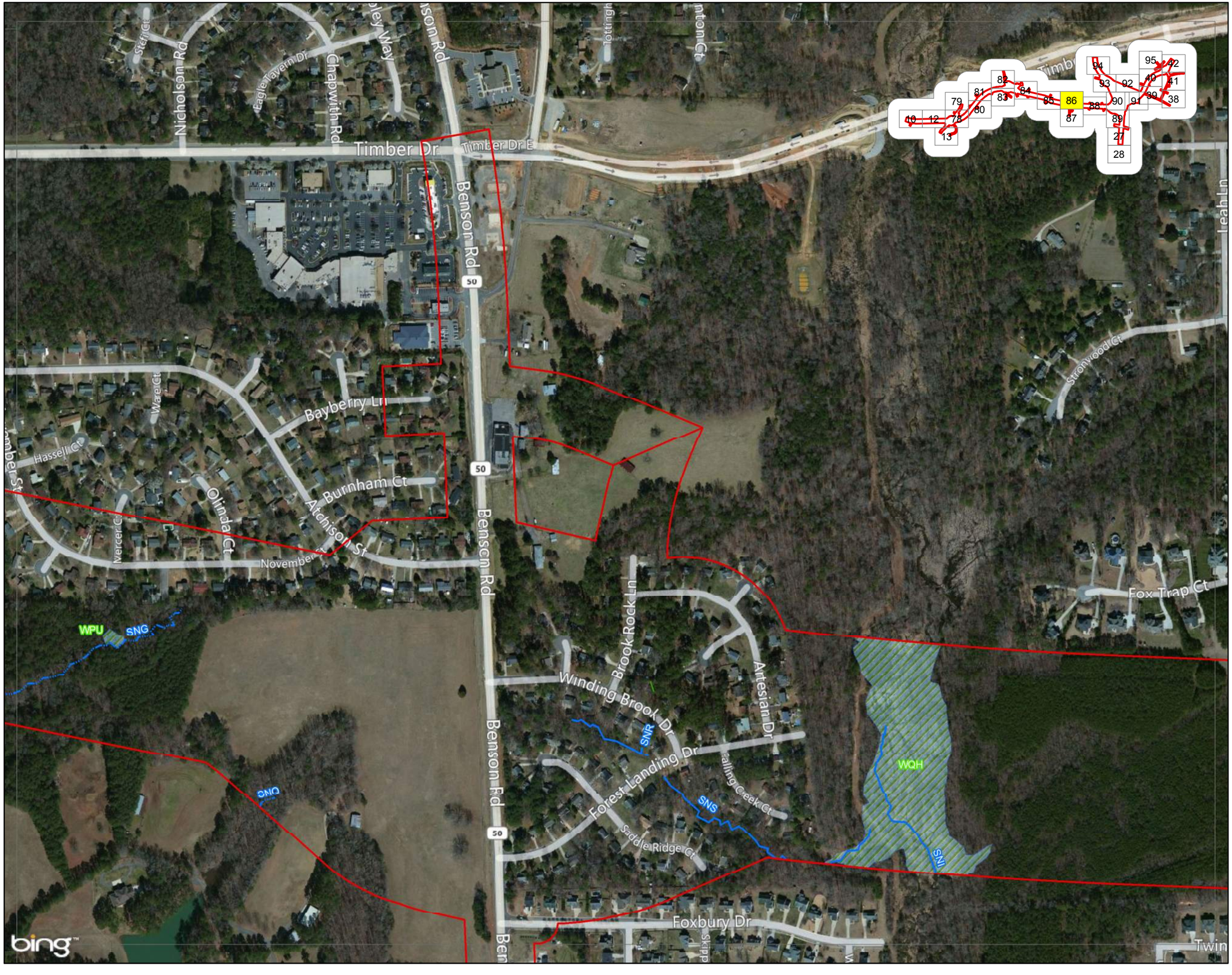
Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-85



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
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- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

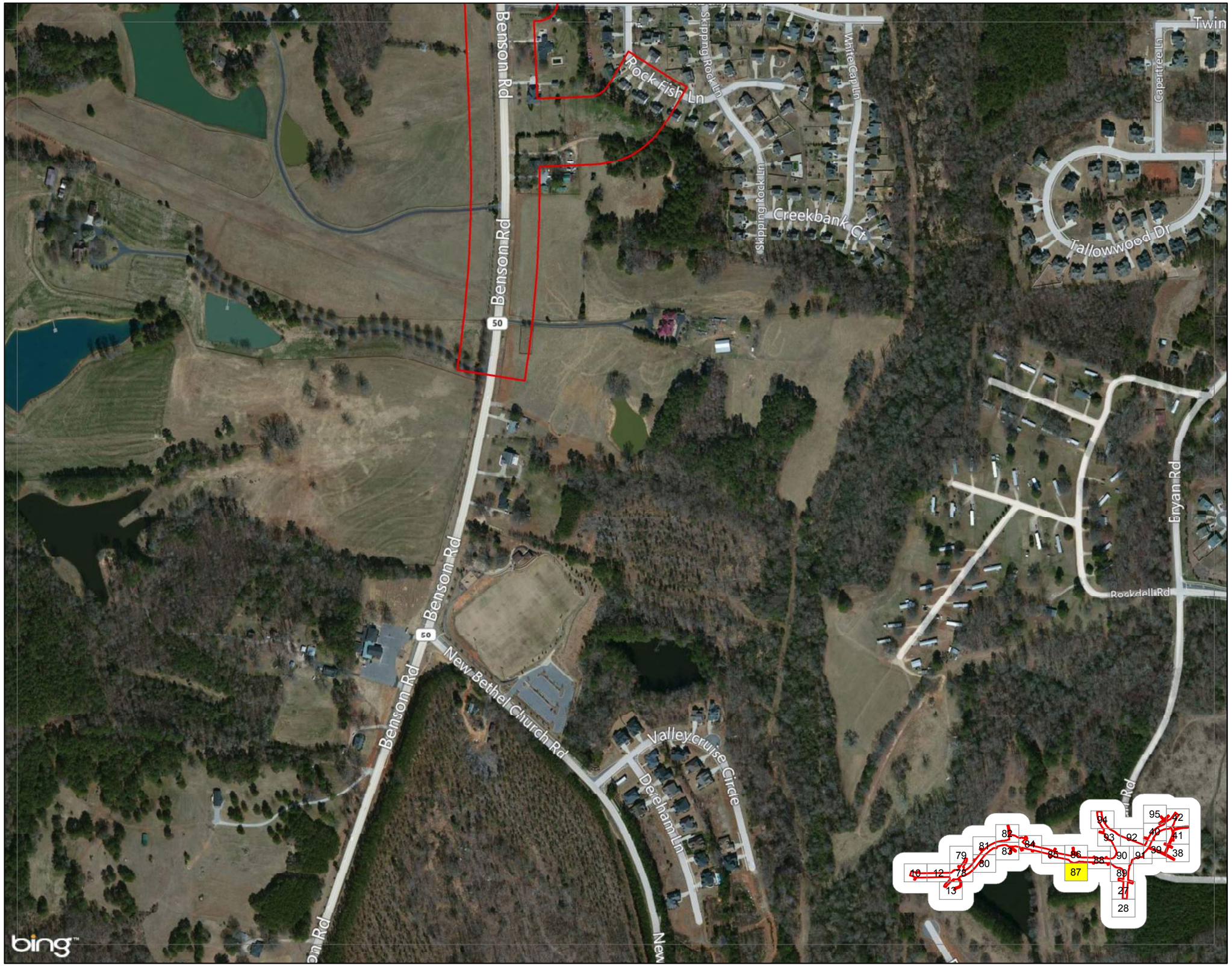
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-86



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
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- Blue
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- Tan
- Teal

Features

- Wetlands
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- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
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- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-87



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
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- Teal

Features

- Wetlands
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- Ponds - Jurisdictional
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- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
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- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway
Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-88



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

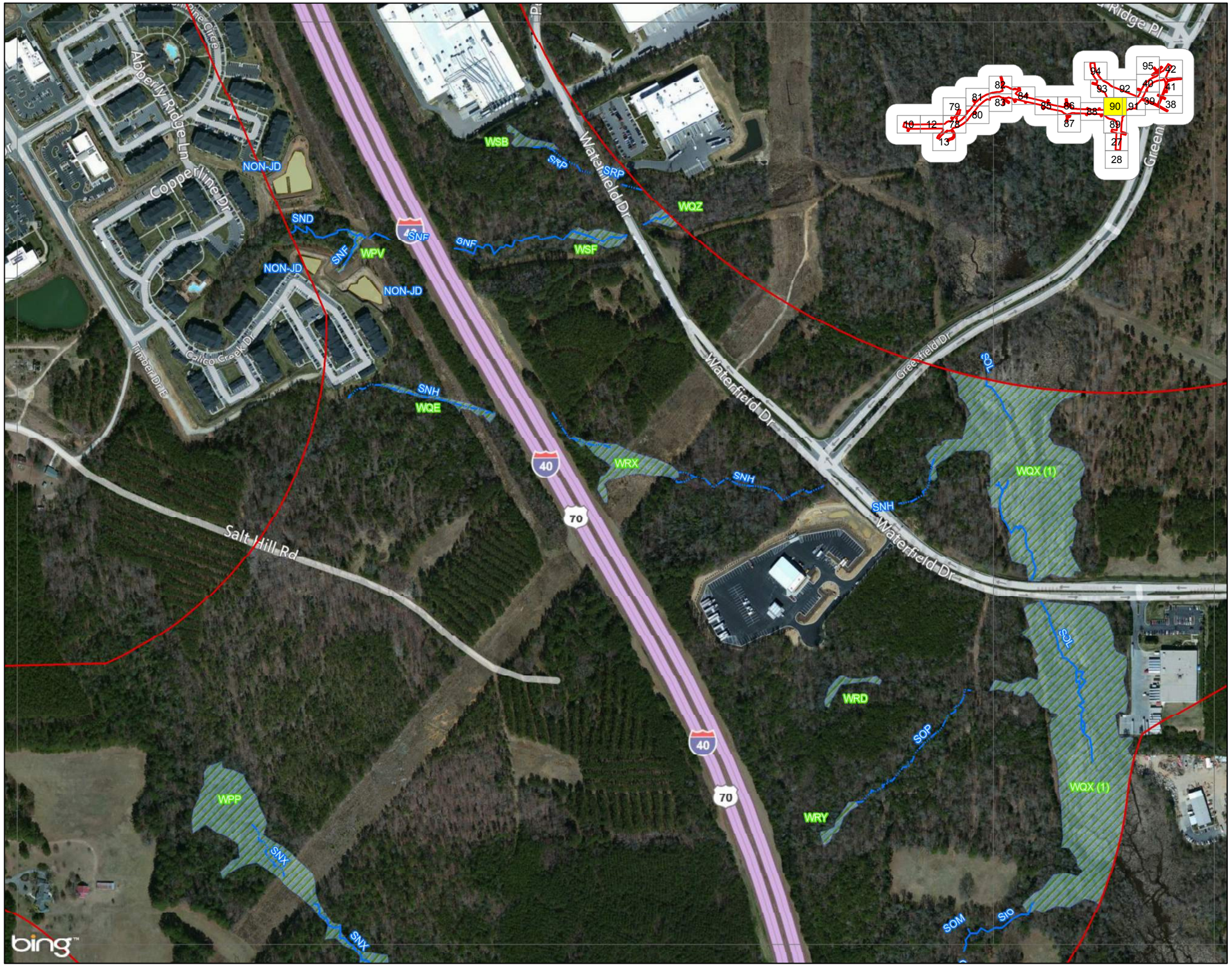
Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 09/18/2014

Figure 2-89



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-90



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-91



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
- Brown
- Mint
- Tan
- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-92



Legend

- Map Grid
- Roads
- County Boundary

Corridors

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Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
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Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400 *Feet*

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-93



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
- Red
- Lilac
- Purple
- Blue
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- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-94



Legend

- Map Grid
- Roads
- County Boundary

Corridors

- Orange
- Green
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- Teal

Features

- Wetlands
- Beaver Impoundment
- Ponds - Jurisdictional
- Ponds - Non-Jurisdictional
- Ponds - Jurisdictional-No Buffer
- Streams - Intermittent
- Streams - Perennial
- Streams - Ephemeral

Jurisdictional Waters Report

Triangle Expressway Southeast Extension
TIP R-2721, R-2828, and R-2829

Wake and Johnston Counties, NC

0 200 400
Feet

Data Source: NCDOT, Bing, Mulkey GIS

Map Date: 08/02/2014

Figure 2-95

Appendix C

Stream and Wetland Forms

(on enclosed disks)