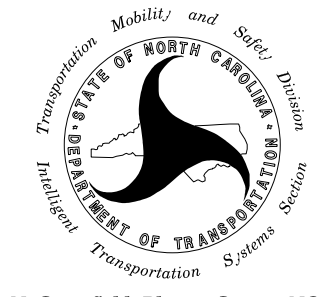


Reference											Signal Cabinets												
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	34	34	32	32	31	31	33	33	-	35	-	64	
											Remove Existing Base Mounted Cabinet	Remove Existing Pole Mounted Cabinet	Install New Base Mounted 332 Cabinet	Install New Base Mounted 332 Cabinet with Aux File	Install New Pole Mounted 336S Cabinet	Install New Pole Mounted 336S Cabinet with Aux File	Install New Base Mounted 336S Cabinet	Install New Base Mounted 336S Cabinet with Aux File	Salvage Existing Painted Cabinet	Install Cabinet Base Adapter	Install Cabinet Base Extender	Install Terminal Splice Box	
101	05-0414		EXISTING	US 70 (Miami Blvd.)	Sherron Rd.		135	B24	275	100	1			1								1	
102	05-0426		EXISTING	Erwin Rd.	LaSalle St.		324	A01	9	101	1			1								1	
103	05-0427		EXISTING	University Dr.	Chapel Hill Rd.		296	C38	385	102		1										1	1
104	05-0428		EXISTING	Roxboro St.	Seven Oaks Rd.	YES	522	A04	43	103	1			1				1				1	
105	05-0429		EXISTING	NC 55	Riddle Rd.		100	B21	230	104	1			1								1	
106	05-0430		EXISTING	Roxboro St.	Horton Rd. / Denfield St.		527	A05	57	105	1			1								1	
107	05-0432		EXISTING	S. Miami Blvd.	NC 54 / Slater Rd.		36	B18	185	106	1			1								1	
108	05-0433		EXISTING	Club Blvd.	Hillandale Rd.	YES	442	A03	32	107	1			1								1	
109	05-0434		EXISTING	S. Miami Blvd.	Ellis Rd.		137	B17	181	108	1			1								1	
110	05-0435		EXISTING	NC 54	NC 751 (Hope Valley Rd.)		8	C33	323	109	1			1								1	
111	05-0456		EXISTING	NC 54	Barbee Rd.		20	C32	298	110	1			1								1	
112	05-0457		EXISTING	Roxboro Rd.	Madden Av.		513	A04	39	111	1			1								1	
113	05-0461		EXISTING	Academy Rd.	US 15-501 NB Ramp		306	C38	387	112	1			1								1	
114	05-0462		EXISTING	Duke St.	Stadium Dr.		532	A04	50	113	1			1								1	
115	05-0463		EXISTING	Holloway St.	Hardee St.		344	B16	162	114	1			1								1	
116	05-0472		EXISTING	NC 54	TW Alexander Dr.		28	B20	211	115	1			1						1			
117	05-0474		EXISTING	Pickett Rd.	Ridge Rd.		283	C36	357	116		1		1								1	1
118	05-0534		EXISTING	Angier Av.	Ellis Rd.		396	B23	246	118	1			1								1	
119	05-0607		EXISTING	NC 54	Alston Av.		26	B20	213	119	1			1								1	
120	05-0661		EXISTING	NC 55 / Alson Av.	Cecil St.		370	B23	250	120	1			1								1	
121	05-0664		EXISTING	Roxboro Rd.	Milton Rd.		517	A04	41	121	1			1								1	
122	05-0668		EXISTING	Cameron Blvd.	Erwin Rd.		267	A01	5	122		1		1								1	1
123	05-0671		EXISTING	NC 54	Farrington Rd.		2	C33	327	123	1			1								1	
124	05-0681		EXISTING	Guess Rd.	Umstead Rd.		475	A12	141	124	1			1								1	
125	05-0691		EXISTING	NC 98 (Wake Forest Hwy)	Nichols Farm Dr.		355	B16	155	125	1			1								1	
126	05-0704		EXISTING	S. Miami Blvd.	Cornwallis Rd.		149	B18	192	126	1			1								1	
127	05-0721		EXISTING	Old Oxford Rd.	Caner St. / Hamlin Rd.		567	A05	60	127	1			1								1	
128	05-0754		EXISTING	US 70 (New Raleigh Hwy.)	Leesville Rd.		170	B24	271	128	1			1								1	
129	05-0757		EXISTING	Duke St.	Morehead Av.	YES	281	C37	368	129		1					1					1	1
130	05-0759		EXISTING	Cornwallis Rd.	East Institute Dr.	YES	189	B18	190	401	1			1								1	
131	05-0761		EXISTING	Fayetteville St.	Cornwallis Rd. (South)		252	B21	234A	130	1			1								1	
132	05-0776		EXISTING	Hillsborough Rd.	US 15-501 SB Ramp		424	A02	25	131	1			1								1	
133	05-0789		EXISTING	Durham-Chapel Hill Blvd.	Mt. Moriah Rd.		203	C34	332	132	1			1								1	
134	05-0790		EXISTING	NC 54	Fayetteville Rd.		16	C32	309	133	1			1								1	
135	05-0807		EXISTING	Cornwallis Rd.	University Dr.		299	C38	384	134		1		1								1	1
136	05-0812		EXISTING	NC 54	Revere Rd.		21	C32	297	135	1			1								1	
137	05-0834		EXISTING	Duke St.	Roxboro St.		525	A04	44	136	1		1									1	
138	05-0845		EXISTING	Durham-Chapel Hill Blvd.	James St.		301	C38	382	137		1					1					1	1
139	05-0853		EXISTING	Old Chapel Hill Rd.	Garrett Rd.		213	C34	339	138	1			1								1	
140	05-0861		EXISTING	Cornwallis Rd.	Davis Dr.	YES	190	B18	191	139	1			1								1	
141	05-0862		EXISTING	Guess Rd.	Latta Rd.		476	A12	142	140	1			1								1	
142	05-0863		EXISTING	S. Miami Blvd.	TW Alexander Dr.		142	B17	179	141	1			1								1	
143	05-0866		EXISTING	Duke St.	Holt School Rd.		526	A04	45	142	1			1								1	
144	05-0889		EXISTING	Roxboro St.	Pacific Av.		552	A05	58	143	1			1								1	
145	05-0896		EXISTING	Blackwell St.	Lakewood Av.	YES	320	C37	373	144		1	1									1	1
146	05-0917		EXISTING	Erwin Rd.	Morreene Rd.		322	A01	8	145	1			1								1	
147	05-0927		EXISTING	NC 54	Davis Dr.		32	B19	198	146	1			1								1	
148	05-0939		EXISTING	NC 54	I-40 EB Ramp		2	C33	327	147	1			1								1	
149	05-0940		EXISTING	NC 54	I-40 WB Ramp		3	C33	325	148	1			1								1	
150	05-0948		EXISTING	Davis Dr.	I-40 WB Ramp		105	B19	196	149	1			1								1	

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Plans Prepared For:
 TRANSPORTATION MOBILITY AND SAFETY DIVISION
 DEPARTMENT OF TRANSPORTATION
 STATE OF NORTH CAROLINA

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY:


PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

DocuSigned by: *Kevin Smith* 12/21/2018
 SEAL 030472
 K. SMITH
 DATE

CADD File name:

SCALE



Reference											Cabinet Foundations						Controllers		Preemption			
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Reuse Existing Signal Cabinet Foundation	Rotate Existing Signal Cabinet Orientation 180 Degrees	Modify Existing Signal Cabinet Foundation	Remove Existing Signal Cabinet Foundation	Install New Signal Cabinet Foundation (Same Quadrant)	Install New Signal Cabinet Foundation (Different Quadrant)	Remove Existing Local Controller	Install New 2070LX Local Controller	Reuse Existing Video Detection Equipment	Install New Emergency Vehicle Preemption Equipment	Reuse Existing Overhead Preemption Equipment	Reuse Existing Railroad Preemption Equipment
101	05-0414		EXISTING	US 70 (Miami Blvd.)	Sherron Rd.		135	B24	275	100	1					1	1		1			
102	05-0426		EXISTING	Erwin Rd.	LaSalle St.		324	A01	9	101	1					1	1					
103	05-0427		EXISTING	University Dr.	Chapel Hill Rd.		296	C38	385	102				1		1	1		1			
104	05-0428		EXISTING	Roxboro St.	Seven Oaks Rd.	YES	522	A04	43	103	1					1	1		1			
105	05-0429		EXISTING	NC 55	Riddle Rd.		100	B21	230	104	1					1	1		1			
106	05-0430		EXISTING	Roxboro St.	Horton Rd. / Denfield St.		527	A05	57	105	1					1	1					
107	05-0432		EXISTING	S. Miami Blvd.	NC 54 / Slater Rd.		36	B18	185	106	1					1	1					
108	05-0433		EXISTING	Club Blvd.	Hillandale Rd.	YES	442	A03	32	107	1					1	1					
109	05-0434		EXISTING	S. Miami Blvd.	Ellis Rd.		137	B17	181	108	1					1	1		1			
110	05-0435		EXISTING	NC 54	NC 751 (Hope Valley Rd.)		8	C33	323	109	1					1	1		1			
111	05-0456		EXISTING	NC 54	Barbee Rd.		20	C32	298	110	1					1	1	1				
112	05-0457		EXISTING	Roxboro Rd.	Madden Av.		513	A04	39	111		1				1	1					
113	05-0461		EXISTING	Academy Rd.	US 15-501 NB Ramp		306	C38	387	112			1			1	1					
114	05-0462		EXISTING	Duke St.	Stadium Dr.		532	A04	50	113	1					1	1		1			
115	05-0463		EXISTING	Holloway St.	Hardee St.		344	B16	162	114	1					1	1		1			
116	05-0472		EXISTING	NC 54	TW Alexander Dr.		28	B20	211	115	1					1	1					
117	05-0474		EXISTING	Pickett Rd.	Ridge Rd.		283	C36	357	116				1		1	1					
118	05-0534		EXISTING	Angier Av.	Ellis Rd.		396	B23	246	118	1					1	1					1
119	05-0607		EXISTING	NC 54	Alston Av.		26	B20	213	119	1					1	1					
120	05-0661		EXISTING	NC 55 / Alson Av.	Cecil St.		370	B23	250	120	1					1	1		1			
121	05-0664		EXISTING	Roxboro Rd.	Milton Rd.		517	A04	41	121	1					1	1		1			
122	05-0668		EXISTING	Cameron Blvd.	Erwin Rd.		267	A01	5	122				1		1	1					
123	05-0671		EXISTING	NC 54	Farrington Rd.		2	C33	327	123	1					1	1		1			
124	05-0681		EXISTING	Guess Rd.	Umstead Rd.		475	A12	141	124	1					1	1		1			
125	05-0691		EXISTING	NC 98 (Wake Forest Hwy)	Nichols Farm Dr.		355	B16	155	125	1					1	1					
126	05-0704		EXISTING	S. Miami Blvd.	Cornwallis Rd.		149	B18	192	126	1					1	1					
127	05-0721		EXISTING	Old Oxford Rd.	Caner St. / Hamlin Rd.		567	A05	60	127		1				1	1	1	1			
128	05-0754		EXISTING	US 70 (New Raleigh Hwy.)	Leesville Rd.		170	B24	271	128	1					2	1					
129	05-0757		EXISTING	Duke St.	Morehead Av.	YES	281	C37	368	129				1		1	1					
130	05-0759		EXISTING	Cornwallis Rd.	East Institute Dr.	YES	189	B18	190	401	1					1	1					
131	05-0761		EXISTING	Fayetteville St.	Cornwallis Rd. (South)		252	B21	234A	130	1					1	1					
132	05-0776		EXISTING	Hillsborough Rd.	US 15-501 SB Ramp		424	A02	25	131	1					1	1		1			
133	05-0789		EXISTING	Durham-Chapel Hill Blvd.	Mt. Moriah Rd.		203	C34	332	132	1					1	1					
134	05-0790		EXISTING	NC 54	Fayetteville Rd.		16	C32	309	133	1					1	1		1			
135	05-0807		EXISTING	Cornwallis Rd.	University Dr.		299	C38	384	134				1		1	1					
136	05-0812		EXISTING	NC 54	Revere Rd.		29	C32	297	135	1					1	1		1			
137	05-0834		EXISTING	Duke St.	Roxboro St.		525	A04	44	136	1					1	1		1			
138	05-0845		EXISTING	Durham-Chapel Hill Blvd.	James St.		301	C38	382	137				1		1	1					
139	05-0853		EXISTING	Old Chapel Hill Rd.	Garrett Rd.		213	C34	339	138	1					1	1		1			
140	05-0861		EXISTING	Cornwallis Rd.	Davis Dr.	YES	190	B18	191	139	1					1	1					
141	05-0862		EXISTING	Guess Rd.	Latta Rd.		476	A12	142	140		1				2	1		1			
142	05-0863		EXISTING	S. Miami Blvd.	TW Alexander Dr.		142	B17	179	141	1					1	1		1			
143	05-0866		EXISTING	Duke St.	Holt School Rd.		526	A04	45	142	1					1	1		1			
144	05-0889		EXISTING	Roxboro St.	Pacific Av.		552	A05	58	143	1					1	1		1			
145	05-0896		EXISTING	Blackwell St.	Lakewood Av.	YES	320	C37	373	144					1	1		1				
146	05-0917		EXISTING	Erwin Rd.	Morreene Rd.		322	A01	8	145	1					1	1					
147	05-0927		EXISTING	NC 54	Davis Dr.		32	B19	198	146	1					1	1					
148	05-0939		EXISTING	NC 54	I-40 EB Ramp		2	C33	327	147	1					1	1		1			
149	05-0940		EXISTING	NC 54	I-40 WB Ramp		3	C33	325	148	1					1	1		1			
150	05-0948		EXISTING	Davis Dr.	I-40 WB Ramp		105	B19	196	149	1					1	1					

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Plans Prepared For:

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY: _____

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

DocuSigned by:

 12/21/2018

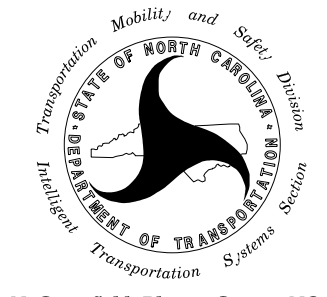
CADD Filename: _____

Reference											Electrical Service						Conduit and Risers								
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	66	65	65	-	-	-	12	19	19	23	22	21	25	21	24
											Install New Electrical Service	Modify Existing Electrical Service (New Disconnect)	Modify Existing Electrical Service (New Meter)	Remove Existing Electrical Service	Install New Base Adapter with Electrical Combination Panel	Reuse Existing Base Adapter with Electrical Combination Panel	Install New 2" Riser with Heat Shrink Tubing	Reuse Existing Riser with Heat Shrink Tubing	Reuse Existing Metal Pole Riser Raceway	Install New Riser Entrance into Cabinet Foundation	Install New Conduit Entrance into Cabinet Foundation	Reuse Existing Conduit Entrance into Cabinet Foundation	Install New Riser into Pole Mounted Cabinet	Reuse Existing Conduit into Pole Mounted Cabinet	Install New Conduit into Pole Mounted Cabinet
101	05-0414		EXISTING	US 70 (Miami Blvd.)	Sherron Rd.		135	B24	275	100															
102	05-0426		EXISTING	Erwin Rd.	LaSalle St.		324	A01	9	101								1							
103	05-0427		EXISTING	University Dr.	Chapel Hill Rd.		296	C38	385	102							1			1					
104	05-0428		EXISTING	Roxboro St.	Seven Oaks Rd.	YES	522	A04	43	103								1							
105	05-0429		EXISTING	NC 55	Riddle Rd.		100	B21	230	104								1							
106	05-0430		EXISTING	Roxboro St.	Horton Rd. / Denfield St.		527	A05	57	105											1				
107	05-0432		EXISTING	S. Miami Blvd.	NC 54 / Slater Rd.		36	B18	185	106											1				
108	05-0433		EXISTING	Club Blvd.	Hillandale Rd.	YES	442	A03	32	107											1				
109	05-0434		EXISTING	S. Miami Blvd.	Ellis Rd.		137	B17	181	108								1					1		
110	05-0435		EXISTING	NC 54	NC 751 (Hope Valley Rd.)		8	C33	323	109									1						
111	05-0456		EXISTING	NC 54	Barbee Rd.		20	C32	298	110								1							
112	05-0457		EXISTING	Roxboro Rd.	Madden Av.		513	A04	39	111							1			1					
113	05-0461		EXISTING	Academy Rd.	US 15-501 NB Ramp		306	C38	387	112											1				
114	05-0462		EXISTING	Duke St.	Stadium Dr.		532	A04	50	113								1							
115	05-0463		EXISTING	Holloway St.	Hardee St.		344	B16	162	114								1					1		
116	05-0472		EXISTING	NC 54	TW Alexander Dr.		28	B20	211	115								1					1		
117	05-0474		EXISTING	Pickett Rd.	Ridge Rd.		283	C36	357	116							1			1					
118	05-0534		EXISTING	Angier Av.	Ellis Rd.		396	B23	246	118								1					1		
119	05-0607		EXISTING	NC 54	Alston Av.		26	B20	213	119											1				
120	05-0661		EXISTING	NC 55 / Alson Av.	Cecil St.		370	B23	250	120								1							
121	05-0664		EXISTING	Roxboro Rd.	Milton Rd.		517	A04	41	121								1							
122	05-0668		EXISTING	Cameron Blvd.	Erwin Rd.		267	A01	5	122							1			1					
123	05-0671		EXISTING	NC 54	Farrington Rd.		2	C33	327	123													1		
124	05-0681		EXISTING	Guess Rd.	Umstead Rd.		475	A12	141	124								1					1		
125	05-0691		EXISTING	NC 98 (Wake Forest Hwy)	Nichols Farm Dr.		355	B16	155	125											1				
126	05-0704		EXISTING	S. Miami Blvd.	Cornwallis Rd.		149	B18	192	126											1				
127	05-0721		EXISTING	Old Oxford Rd.	Carver St. / Hamlin Rd.		567	A05	60	127													1		
128	05-0754		EXISTING	US 70 (New Raleigh Hwy.)	Leesville Rd.		170	B24	271	128								1							
129	05-0757		EXISTING	Duke St.	Morehead Av.	YES	281	C37	368	129							1			1					
130	05-0759		EXISTING	Cornwallis Rd.	East Institute Dr.	YES	189	B18	190	401													1		
131	05-0761		EXISTING	Fayetteville St.	Cornwallis Rd. (South)		252	B21	234A	130													1		
132	05-0776		EXISTING	Hillsborough Rd.	US 15-501 SB Ramp		424	A02	25	131								1							
133	05-0789		EXISTING	Durham-Chapel Hill Blvd.	Mt. Moriah Rd.		203	C34	332	132							1			1					
134	05-0790		EXISTING	NC 54	Fayetteville Rd.		16	C32	309	133													1		
135	05-0807		EXISTING	Cornwallis Rd.	University Dr.		299	C38	384	134							1			1					
136	05-0812		EXISTING	NC 54	Revere Rd.		21	C32	297	135								1							
137	05-0834		EXISTING	Duke St.	Roxboro St.		525	A04	44	136								1							
138	05-0845		EXISTING	Durham-Chapel Hill Blvd.	James St.		301	C38	382	137							1			1					
139	05-0853		EXISTING	Old Chapel Hill Rd.	Garrett Rd.		213	C34	339	138								1							
140	05-0861		EXISTING	Cornwallis Rd.	Davis Dr.	YES	190	B18	191	139								1					1		
141	05-0862		EXISTING	Guess Rd.	Latta Rd.		476	A12	142	140								1					1		
142	05-0863		EXISTING	S. Miami Blvd.	TW Alexander Dr.		142	B17	179	141													1		
143	05-0866		EXISTING	Duke St.	Holt School Rd.		526	A04	45	142								1							
144	05-0889		EXISTING	Roxboro St.	Pacific Av.		552	A05	58	143								1							
145	05-0896		EXISTING	Blackwell St.	Lakewood Av.	YES	320	C37	373	144	1			1								1			
146	05-0917		EXISTING	Erwin Rd.	Morreene Rd.		322	A01	8	145											1				
147	05-0927		EXISTING	NC 54	Davis Dr.		32	B19	198	146								1							
148	05-0939		EXISTING	NC 54	I-40 EB Ramp		2	C33	327	147								1							
149	05-0940		EXISTING	NC 54	I-40 WB Ramp		3	C33	325	148											1				
150	05-0948		EXISTING	Davis Dr.	I-40 WB Ramp		105	B19	196	149													1		

12/20/2018 K:\ARL\TPTD\ITS\01036410 - Durham Signal System\Plans\DeTails\U-5968 ITS.psd_35(sow).dgn

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Plans Prepared For:



250 N. Greenfield Place, Garner, NC 27529

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

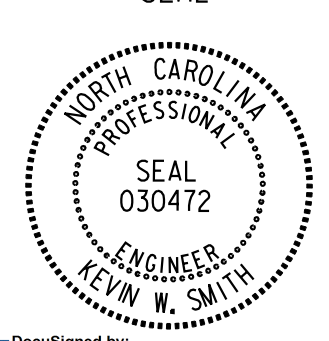
PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SCALE: 0

SEAL



DocuSigned by:
Kevin W. Smith
 12/21/2018

CADD Filename:

Reference											Fiber Communications								Wireless Communications			
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	55	48	-	28	-	-	-	67	-	69	-	73
											Remove Existing Fiber Optic Drop Cable	Install New Fiber Optic Drop Cable	Remove Existing Fiber Optic Interconnect Center	Install New Fiber Optic Interconnect Center	Remove Existing Fiber Optic Data Transceiver	Remove Existing Fiber Optic Video Transceiver	Remove Existing Analog CCTV Camera and Video Equipment	Install New Field Ethernet Switch	Remove Existing Serial Wireless Equipment	Install New Ethernet Wireless Equipment	Remove Existing Dial-Up Modem	Install New Cell Modem
101	05-0414		EXISTING	US 70 (Miami Blvd.)	Sherron Rd.		135	B24	275	100	1	1	1	1	1		1	1				
102	05-0426		EXISTING	Erwin Rd.	LaSalle St.		324	A01	9	101	1	1	1	1	1		1					
103	05-0427		EXISTING	University Dr.	Chapel Hill Rd.		296	C38	385	102		1	1	1	1		1					
104	05-0428		EXISTING	Roxboro St.	Seven Oaks Rd.	YES	522	A04	43	103	1	1	1	1	1		1					
105	05-0429		EXISTING	NC 55	Riddle Rd.		100	B21	230	104	1	1	1	1	1		1					
106	05-0430		EXISTING	Roxboro St.	Horton Rd. / Denfield St.		527	A05	57	105		1	1	1	1		1					
107	05-0432		EXISTING	S. Miami Blvd.	NC 54 / Slater Rd.		36	B18	185	106		1	1	1	1		1					
108	05-0433		EXISTING	Club Blvd.	Hillandale Rd.	YES	442	A03	32	107		1	1	1	1		1					
109	05-0434		EXISTING	S. Miami Blvd.	Ellis Rd.		137	B17	181	108	1	1	1	1	1		1					
110	05-0435		EXISTING	NC 54	NC 751 (Hope Valley Rd.)		8	C33	323	109	1	1	2	1	1		1		1	1		
111	05-0456		EXISTING	NC 54	Barbee Rd.		20	C32	298	110	1	1	1	1	1		1					
112	05-0457		EXISTING	Roxboro Rd.	Madden Av.		513	A04	39	111		1		1			1					
113	05-0461		EXISTING	Academy Rd.	US 15-501 NB Ramp		306	C38	387	112		1	1	1	1		1					
114	05-0462		EXISTING	Duke St.	Stadium Dr.		532	A04	50	113	1	1	1	1	1		1					
115	05-0463		EXISTING	Holloway St.	Hardee St.		344	B16	162	114	1	1	1	1	1		1		1			
116	05-0472		EXISTING	NC 54	TW Alexander Dr.		28	B20	211	115	1	1	1	1	1		1					
117	05-0474		EXISTING	Pickett Rd.	Ridge Rd.		283	C36	357	116		1	1	1	1		1					
118	05-0534		EXISTING	Angier Av.	Ellis Rd.		396	B23	246	118	1	1	1	1	1		1					
119	05-0607		EXISTING	NC 54	Alston Av.		26	B20	213	119		1	1	1	1		1					
120	05-0661		EXISTING	NC 55 / Alson Av.	Cecil St.		370	B23	250	120	1	1	1	1	1		1					
121	05-0664		EXISTING	Roxboro Rd.	Milton Rd.		517	A04	41	121	1	1	1	1	1		1					
122	05-0668		EXISTING	Cameron Blvd.	Erwin Rd.		267	A01	5	122		1	1	1	1		1					
123	05-0671		EXISTING	NC 54	Farrington Rd.		2	C33	327	123	1	1	1	1	1		1					
124	05-0681		EXISTING	Guess Rd.	Umstead Rd.		475	A12	141	124	1	1	1	1	1		1					
125	05-0691		EXISTING	NC 98 (Wake Forest Hwy)	Nichols Farm Dr.		355	B16	155	125		1		1			1		1			
126	05-0704		EXISTING	S. Miami Blvd.	Cornwallis Rd.		149	B18	192	126		1	1	1	1		1					
127	05-0721		EXISTING	Old Oxford Rd.	Caner St. / Hamlin Rd.		567	A05	60	127		1	1	1	1		1					
128	05-0754		EXISTING	US 70 (New Raleigh Hwy.)	Leesville Rd.		170	B24	271	128	1	1	1	1	2		1		1			
129	05-0757		EXISTING	Duke St.	Morehead Av.	YES	281	C37	368	129		1	1	1	1		1					
130	05-0759		EXISTING	Cornwallis Rd.	East Institute Dr.	YES	189	B18	190	401	1	1	1	1	1		1					
131	05-0761		EXISTING	Fayetteville St.	Cornwallis Rd. (South)		252	B21	234A	130	1	1	1	1	1		1					
132	05-0776		EXISTING	Hillsborough Rd.	US 15-501 SB Ramp		424	A02	25	131	1	1	1	1	1		1					
133	05-0789		EXISTING	Durham-Chapel Hill Blvd.	Mt. Moriah Rd.		203	C34	332	132		1	1	1	1		1					
134	05-0790		EXISTING	NC 54	Fayetteville Rd.		16	C32	309	133	1	1	1	1	1		1					
135	05-0807		EXISTING	Cornwallis Rd.	University Dr.		299	C38	384	134		1	1	1	1		1					
136	05-0812		EXISTING	NC 54	Revere Rd.		21	C32	297	135	1	1	1	1	1		1					
137	05-0834		EXISTING	Duke St.	Roxboro St.		525	A04	44	136	1	1	1	1	1		1					
138	05-0845		EXISTING	Durham-Chapel Hill Blvd.	James St.		301	C38	382	137		1	1	1	1		1					
139	05-0853		EXISTING	Old Chapel Hill Rd.	Garrett Rd.		213	C34	339	138	1	1	1	1	1		1					
140	05-0861		EXISTING	Cornwallis Rd.	Davis Dr.	YES	190	B18	191	139	1	1	1	1	1		1					
141	05-0862		EXISTING	Guess Rd.	Latta Rd.		476	A12	142	140	1	1	1	1	2		1					
142	05-0863		EXISTING	S. Miami Blvd.	TW Alexander Dr.		142	B17	179	141	1	1	1	1	1		1					
143	05-0866		EXISTING	Duke St.	Holt School Rd.		526	A04	45	142	1	1	1	1	1		1					
144	05-0889		EXISTING	Roxboro St.	Pacific Av.		552	A05	58	143	1	1	1	1	1		1					
145	05-0896		EXISTING	Blackwell St.	Lakewood Av.	YES	320	C37	373	144		1	1	1	1		1					
146	05-0917		EXISTING	Erwin Rd.	Morreene Rd.		322	A01	8	145		1	1	1	1		1					
147	05-0927		EXISTING	NC 54	Davis Dr.		32	B19	198	146	1	1	1	1	1		1					
148	05-0939		EXISTING	NC 54	I-40 EB Ramp		2	C33	327	147	1	1	1	1	1		1					
149	05-0940		EXISTING	NC 54	I-40 WB Ramp		3	C33	325	148		1	1	1	1		1					
150	05-0948		EXISTING	Davis Dr.	I-40 WB Ramp		105	B19	196	149	1	1	1	1	1		1					

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Plans Prepared For:
 Transportation Mobility and Safety Division
 DIVISION OF TRANSPORTATION
 STATE OF NORTH CAROLINA
 250 N. Greenfield Place - Garner, NC 27529

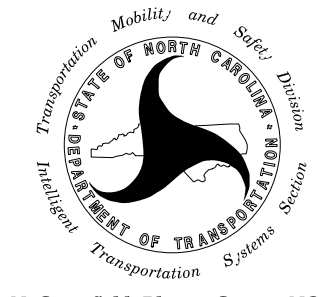
CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM	
SUMMARY OF WORK BY INTERSECTION	
DIVISION 05	DURHAM COUNTY
PLAN DATE: DEC 2018	REVIEWED BY:
PREPARED BY: J. CROSS	REVIEWED BY: K. SMITH
REVISIONS	INIT. DATE

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 030472
 KEVIN W. SMITH
 DocuSigned by:
 Kevin Smith 12/21/2018
 SIGNATURE DATE
 CADD Filename:

Reference											Signal Cabinets												
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	34	34	32	32	31	31	33	33	-	35	-	64	
											Remove Existing Base Mounted Cabinet	Remove Existing Pole Mounted Cabinet	Install New Base Mounted 332 Cabinet	Install New Base Mounted 332 Cabinet with Aux File	Install New Pole Mounted 336S Cabinet	Install New Pole Mounted 336S Cabinet with Aux File	Install New Base Mounted 336S Cabinet	Install New Base Mounted 336S Cabinet with Aux File	Salvage Existing Painted Cabinet	Install Cabinet Base Adapter	Install Cabinet Base Extender	Install Terminal Splice Box	
151	05-0956		EXISTING	Guess Rd.	Horton Rd.		483	A12	149	150	1			1								1	
152	05-0957		EXISTING	TW Alexander Dr.	Blue Ridge Blvd.		176	B17	177	151	1			1								1	
153	05-0958		EXISTING	Durham-Chapel Hill Blvd.	I-40 EB Ramp		192	C34	331	152	1			1								1	
154	05-0959		EXISTING	Durham-Chapel Hill Blvd.	I-40 WB Ramp		192	C34	331	153	1			1								1	
155	05-0961		EXISTING	Page Rd.	I-40 WB Ramp		39	B24	263	154	1			1								1	
156	05-0965		EXISTING	Hillsborough Rd.	Fifteenth St.	YES	430	A09	110	155	1		1									1	
157	05-0979		EXISTING	S. Miami Blvd.	IBM Entrance		147	B18	193	156	1			1								1	
158	05-0980		EXISTING	Mangum St.	Dillard St.	YES	334	C37	-	399	1							1				1	
159	05-0984		EXISTING	Holloway St.	Roxboro St.	YES	336	B22	245	157	1							1					
160	05-0985		EXISTING	Roxboro St.	Old Oxford Hwy.		556	A05	69	158	1			1								1	
161	05-0986		EXISTING	Roxboro St.	Morehead Av.		333	C37	376	159	1						1					1	
162	05-0987		EXISTING	Roxboro St.	Jackie Robinson Dr.		333	C37	377	160	1						1					1	
163	05-0988		EXISTING	Mangum St.	Jackie Robinson Dr.	YES	282	C37	377	161		1		1								1	1
164	05-0989		EXISTING	Mangum St.	Trinity Av.	YES	456	A06	81	162	1			1								1	
165	05-0990		EXISTING	Mangum St.	Pettigrew St.	YES	361	B25	282	163	1			1								1	
166	05-0991		EXISTING	Mangum St.	Morehead Av.	YES	282	C37	375	164	1		1									1	
167	05-0992		EXISTING	Main St.	Roxboro St.	YES	335	B25	284	165	1							1					
168	05-0993		EXISTING	Mangum St.	Parrish St.	YES	361	B25	-	166	1							1					
169	05-0994		EXISTING	Mangum St.	Morgan St.	YES	454	A10	130	167	1							1					
170	05-0995		EXISTING	Main St.	Morgan St. / Watts St.	YES	437	A09	120	168	1			1								1	
171	05-0996		EXISTING	Main St.	Mangum St.	YES	361	C31	-	169	1								1				
172	05-0997		EXISTING	Roxboro St.	Liberty St.	YES	336	B25	245	170	1								1				
173	05-0998		EXISTING	Roxboro St.	Pettigrew St.	YES	335	B25	283	171	1		1									1	
174	05-1000		EXISTING	Roxboro St.	Lavender Av.		560	A05	71	172		1	1									1	1
175	05-1001		EXISTING	Lakewood Av.	Vickers Av.	YES	319	C37	372	173	1			1								1	
176	05-1002		EXISTING	Holloway St.	Hyde Park Av.	YES	340	B22	240	174	1			1								1	
177	05-1003		EXISTING	Holloway St.	Guthrie St.	YES	342	B22	239	175		1		1								1	1
178	05-1004		EXISTING	Gregson St.	Trinity Av.	YES	507	A10	125	176		1		1								1	1
179	05-1005		EXISTING	Gregson St.	Morgan St.	YES	439	A11	134	177	1							1				1	
180	05-1006		EXISTING	Gregson St.	Markham Av.	YES	505	A10	123	178		1		1								1	1
181	05-1007		EXISTING	Gregson St.	Main St.	YES	438	A09	121	179	1							1				1	
182	05-1008		EXISTING	Roxboro St.	Geer St.	YES	456	A07	84	180	1			1								1	
183	05-1009		EXISTING	Mangum St.	Geer St.	YES	456	A06	82	181		1		1								1	1
184	05-1010		EXISTING	University Dr.	Vickers Av. / E. Forest Hills Blvd.	YES	318	C37	371	182	1			1								1	
185	05-1011		EXISTING	University Dr.	W. Forest Hills Blvd.	YES	317	C37	370	183		1						1				1	1
186	05-1012		EXISTING	Duke St.	Morgan St.	YES	439	A11	135	184		1		1								1	1
187	05-1013		EXISTING	Duke St.	Main St.	YES	438	A11	136	185	1							1					
188	05-1015		EXISTING	Dillard St.	Liberty St.	YES	337	B22	243	186	1						1						
189	05-1016		EXISTING	Dillard St.	Holloway St.	YES	337	B22	244	187	1						1						
190	05-1017		EXISTING	Club Blvd.	Gregson St.	YES	497	A08	106	188	1			1								1	
191	05-1018		EXISTING	Mangum St.	Corporation St. / Cleveland St.	YES	455	A06	83	189	1		1									1	
192	05-1020		EXISTING	Caner St.	Hillandale Rd.		448	A03	37	190	1			1								1	
193	05-1021		EXISTING	Main St.	Campus Dr.	YES	436	A09	118	191		1					1					1	1
194	05-1022		EXISTING	Main St.	Buchanan Blvd.	YES	437	A09	119	192	1			1								1	
195	05-1023		EXISTING	Broad St.	Green St.	YES	432	A09	112	193	1		1									1	
196	05-1024		EXISTING	Blackwell St.	Jackie Robinson Dr.	YES	282	C37	374	194		1		1								1	1
197	05-1026		EXISTING	Alston Av.	Angier Av.	YES	366	B23	256	195	1			1								1	
198	05-1027		EXISTING	Alston Av.	Holloway St.	YES	339	B22	241	196	1			1								1	
199	05-1028		EXISTING	Alston Av.	NC 147 SB Ramp	YES	367	B23	253	197	1			1								1	
200	05-1029		EXISTING	Alston Av.	Liberty St.		364	B23	259	198	1			1								1	

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Plans Prepared For:
 NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 Transportation System Division
 250 N. Greenfield Place, Garner, NC 27529

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

DocuSigned by:
 Kevin W. Smith
 12/21/2018
 SEAL 030472
 NORTH CAROLINA PROFESSIONAL ENGINEER
 CADD File name:

Reference											Cabinet Foundations						Controllers		Preemption				
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Reuse Existing Signal Cabinet Foundation	Rotate Existing Signal Cabinet Orientation 180 Degrees	Modify Existing Signal Cabinet Foundation	Remove Existing Signal Cabinet Foundation	Install New Signal Cabinet Foundation (Same Quadrant)	Install New Signal Cabinet Foundation (Different Quadrant)	Remove Existing Local Controller	Install New 2070LX Local Controller	Reuse Existing Video Detection Equipment	Install New Emergency Vehicle Preemption Equipment	Reuse Existing Overhead Preemption Equipment	Reuse Existing Railroad Preemption Equipment	
151	05-0956		EXISTING	Guess Rd.	Horton Rd.		483	A12	149	150	1					1	1		1				
152	05-0957		EXISTING	TW Alexander Dr.	Blue Ridge Blvd.		176	B17	177	151	1					1	1						
153	05-0958		EXISTING	Durham-Chapel Hill Blvd.	I-40 EB Ramp		192	C34	331	152	1					1	1						
154	05-0959		EXISTING	Durham-Chapel Hill Blvd.	I-40 WB Ramp		192	C34	331	153	1					1	1						
155	05-0961		EXISTING	Page Rd.	I-40 WB Ramp		39	B24	263	154	1					1	1						
156	05-0965		EXISTING	Hillsborough Rd.	Fifteenth St.	YES	430	A09	110	155		1				1	1		1				
157	05-0979		EXISTING	S. Miami Blvd.	IBM Entrance		147	B18	193	156	1					1	1		1				
158	05-0980		EXISTING	Mangum St.	Dillard St.	YES	334	C37	-	399	1					1	1		1				
159	05-0984		EXISTING	Holloway St.	Roxboro St.	YES	336	B22	245	157	1					1	1						
160	05-0985		EXISTING	Roxboro St.	Old Oxford Hwy.		556	A05	69	158		1				1	1		1				
161	05-0986		EXISTING	Roxboro St.	Morehead Av.		333	C37	376	159	1					1	1						
162	05-0987		EXISTING	Roxboro St.	Jackie Robinson Dr.		333	C37	377	160	1					1	1						
163	05-0988		EXISTING	Mangum St.	Jackie Robinson Dr.	YES	282	C37	377	161				1		1	1		1				
164	05-0989		EXISTING	Mangum St.	Trinity Av.	YES	456	A06	81	162	1					1	1						
165	05-0990		EXISTING	Mangum St.	Pettigrew St.	YES	361	B25	282	163	1					1	1		1			1	
166	05-0991		EXISTING	Mangum St.	Morehead Av.	YES	282	C37	375	164	1					1	1		1				
167	05-0992		EXISTING	Main St.	Roxboro St.	YES	335	B25	284	165	1					1	1						
168	05-0993		EXISTING	Mangum St.	Parrish St.	YES	361	B25	-	166	1					1	1		1				
169	05-0994		EXISTING	Mangum St.	Morgan St.	YES	454	A10	130	167	1					1	1		1				
170	05-0995		EXISTING	Main St.	Morgan St. / Watts St.	YES	437	A09	120	168	1					1	1		1				
171	05-0996		EXISTING	Main St.	Mangum St.	YES	361	C31	-	169	1					1	1		1				
172	05-0997		EXISTING	Roxboro St.	Liberty St.	YES	336	B25	245	170	1					1	1		1				
173	05-0998		EXISTING	Roxboro St.	Pettigrew St.	YES	335	B25	283	171	1					1	1						
174	05-1000		EXISTING	Roxboro St.	Lavender Av.		560	A05	71	172				1		1	1		1				
175	05-1001		EXISTING	Lakewood Av.	Vickers Av.	YES	319	C37	372	173	1					1	1						
176	05-1002		EXISTING	Holloway St.	Hyde Park Av.	YES	340	B22	240	174	1					1	1						
177	05-1003		EXISTING	Holloway St.	Guthrie St.	YES	342	B22	239	175					1		1	1					
178	05-1004		EXISTING	Gregson St.	Trinity Av.	YES	507	A10	125	176				1		1	1						
179	05-1005		EXISTING	Gregson St.	Morgan St.	YES	439	A11	134	177	1					1	1		1				
180	05-1006		EXISTING	Gregson St.	Markham Av.	YES	505	A10	123	178					1		1	1					
181	05-1007		EXISTING	Gregson St.	Main St.	YES	438	A09	121	179	1					1	1						
182	05-1008		EXISTING	Roxboro St.	Geer St.	YES	456	A07	84	180	1					1	1		1				
183	05-1009		EXISTING	Mangum St.	Geer St.	YES	456	A06	82	181				1		1	1						
184	05-1010		EXISTING	University Dr.	Vickers Av. / E. Forest Hills Blvd.	YES	318	C37	371	182	1					1	1						
185	05-1011		EXISTING	University Dr.	W. Forest Hills Blvd.	YES	317	C37	370	183				1		1	1						
186	05-1012		EXISTING	Duke St.	Morgan St.	YES	439	A11	135	184				1		1	1		1				
187	05-1013		EXISTING	Duke St.	Main St.	YES	438	A11	136	185	1					1	1						
188	05-1015		EXISTING	Dillard St.	Liberty St.	YES	337	B22	243	186	1					1	1		1				
189	05-1016		EXISTING	Dillard St.	Holloway St.	YES	337	B22	244	187	1					1	1						
190	05-1017		EXISTING	Club Blvd.	Gregson St.	YES	497	A08	106	188	1					1	1		1				
191	05-1018		EXISTING	Mangum St.	Corporation St. / Cleveland St.	YES	455	A06	83	189	1					1	1						
192	05-1020		EXISTING	Caner St.	Hillandale Rd.		448	A03	37	190	1					1	1						
193	05-1021		EXISTING	Main St.	Campus Dr.	YES	436	A09	118	191				1		1	1						
194	05-1022		EXISTING	Main St.	Buchanan Blvd.	YES	437	A09	119	192	1					1	1		1			1	
195	05-1023		EXISTING	Broad St.	Green St.	YES	432	A09	112	193	1					1	1						
196	05-1024		EXISTING	Blackwell St.	Jackie Robinson Dr.	YES	282	C37	374	194				1		1	1						
197	05-1026		EXISTING	Alston Av.	Angier Av.	YES	366	B23	256	195	1					1	1		1				
198	05-1027		EXISTING	Alston Av.	Holloway St.	YES	339	B22	241	196	1					1	1						
199	05-1028		EXISTING	Alston Av.	NC 147 SB Ramp	YES	367	B23	253	197	1					1	1		1				
200	05-1029		EXISTING	Alston Av.	Liberty St.		364	B23	259	198	1					1	1		1				

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Plans Prepared For:
 Transportation Mobility and Safety Division
 DEPARTMENT OF TRANSPORTATION
 STATE OF NORTH CAROLINA

250 N. Greenfield Place - Garner, NC 27529

SCALE

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

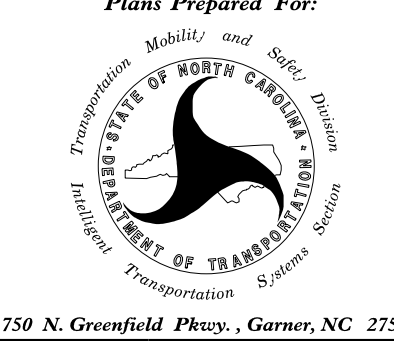
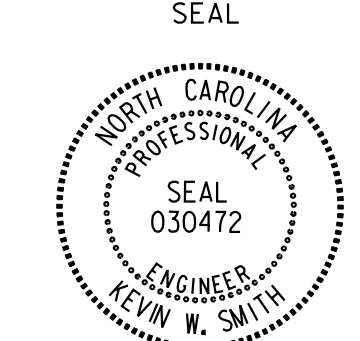
SEAL

DocuSigned by:
 KEVIN W. SMITH 12/21/2018
 CADD Filename:

Reference										Electrical Service						Conduit and Risers										
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Install New Electrical Service	Modify Existing Electrical Service (New Disconnect)	Modify Existing Electrical Service (New Meter)	Remove Existing Electrical Service	Install New Base Adapter with Electrical Combination Panel	Reuse Existing Base Adapter with Electrical Combination Panel	Install New 2" Riser with Heat Shrink Tubing	Reuse Existing Riser with Heat Shrink Tubing	Reuse Existing Metal Pole Riser Raceway	Install New Riser Entrance into Cabinet Foundation	Install New Conduit Entrance into Cabinet Foundation	Reuse Existing Conduit Entrance into Cabinet Foundation	Install New Riser into Pole Mounted Cabinet	Reuse Existing Conduit into Pole Mounted Cabinet	Install New Conduit into Pole Mounted Cabinet	
151	05-0956		EXISTING	Guess Rd.	Horton Rd.		483	A12	149	150																
152	05-0957		EXISTING	TW Alexander Dr.	Blue Ridge Blvd.		176	B17	177	151								1					1			
153	05-0958		EXISTING	Durham-Chapel Hill Blvd.	I-40 EB Ramp		192	C34	331	152							1			1						
154	05-0959		EXISTING	Durham-Chapel Hill Blvd.	I-40 WB Ramp		192	C34	331	153							1			1						
155	05-0961		EXISTING	Page Rd.	I-40 WB Ramp		39	B24	263	154								1								
156	05-0965		EXISTING	Hillsborough Rd.	Fifteenth St.	YES	430	A09	110	155											1					
157	05-0979		EXISTING	S. Miami Blvd.	IBM Entrance		147	B18	193	156								1								
158	05-0980		EXISTING	Mangum St.	Dillard St.	YES	334	C37	-	399																
159	05-0984		EXISTING	Holloway St.	Roxboro St.	YES	336	B22	245	157					1						1					
160	05-0985		EXISTING	Roxboro St.	Old Oxford Hwy.		556	A05	69	158								1								
161	05-0986		EXISTING	Roxboro St.	Morehead Av.		333	C37	376	159								1								
162	05-0987		EXISTING	Roxboro St.	Jackie Robinson Dr.		333	C37	377	160											1					
163	05-0988		EXISTING	Mangum St.	Jackie Robinson Dr.	YES	282	C37	377	161							1			1						
164	05-0989		EXISTING	Mangum St.	Trinity Av.	YES	456	A06	81	162								1								
165	05-0990		EXISTING	Mangum St.	Pettigrew St.	YES	361	B25	282	163								1								
166	05-0991		EXISTING	Mangum St.	Morehead Av.	YES	282	C37	375	164								1								
167	05-0992		EXISTING	Main St.	Roxboro St.	YES	335	B25	284	165					1						1					
168	05-0993		EXISTING	Mangum St.	Parrish St.	YES	361	B25	-	166																
169	05-0994		EXISTING	Mangum St.	Morgan St.	YES	454	A10	130	167											1					
170	05-0995		EXISTING	Main St.	Morgan St. / Watts St.	YES	437	A09	120	168								1								
171	05-0996		EXISTING	Main St.	Mangum St.	YES	361	C31	-	169																
172	05-0997		EXISTING	Roxboro St.	Liberty St.	YES	336	B25	245	170											1					
173	05-0998		EXISTING	Roxboro St.	Pettigrew St.	YES	335	B25	283	171											1					
174	05-1000		EXISTING	Roxboro St.	Lavender Av.		560	A05	71	172							1			1						
175	05-1001		EXISTING	Lakewood Av.	Vickers Av.	YES	319	C37	372	173								1								
176	05-1002		EXISTING	Holloway St.	Hyde Park Av.	YES	340	B22	240	174											1					
177	05-1003		EXISTING	Holloway St.	Guthrie St.	YES	342	B22	239	175	1		1				1			1						
178	05-1004		EXISTING	Gregson St.	Trinity Av.	YES	507	A10	125	176							1			1						
179	05-1005		EXISTING	Gregson St.	Morgan St.	YES	439	A11	134	177																
180	05-1006		EXISTING	Gregson St.	Markham Av.	YES	505	A10	123	178	1		1				1			1			1			
181	05-1007		EXISTING	Gregson St.	Main St.	YES	438	A09	121	179								1								
182	05-1008		EXISTING	Roxboro St.	Geer St.	YES	456	A07	84	180								1								
183	05-1009		EXISTING	Mangum St.	Geer St.	YES	456	A06	82	181							1			1						
184	05-1010		EXISTING	University Dr.	Vickers Av. / E. Forest Hills Blvd.	YES	318	C37	371	182								1								
185	05-1011		EXISTING	University Dr.	W. Forest Hills Blvd.	YES	317	C37	370	183											1					
186	05-1012		EXISTING	Duke St.	Morgan St.	YES	439	A11	135	184											1					
187	05-1013		EXISTING	Duke St.	Main St.	YES	438	A11	136	185						1							1			
188	05-1015		EXISTING	Dillard St.	Liberty St.	YES	337	B22	243	186						1							1			
189	05-1016		EXISTING	Dillard St.	Holloway St.	YES	337	B22	244	187													1			
190	05-1017		EXISTING	Club Blvd.	Gregson St.	YES	497	A08	106	188								1								
191	05-1018		EXISTING	Mangum St.	Corporation St. / Cleveland St.	YES	455	A06	83	189								1								
192	05-1020		EXISTING	Carver St.	Hillandale Rd.		448	A03	37	190											1					
193	05-1021		EXISTING	Main St.	Campus Dr.	YES	436	A09	118	191							1			1						
194	05-1022		EXISTING	Main St.	Buchanan Blvd.	YES	437	A09	119	192								1								
195	05-1023		EXISTING	Broad St.	Green St.	YES	432	A09	112	193								1								
196	05-1024		EXISTING	Blackwell St.	Jackie Robinson Dr.	YES	282	C37	374	194											1					
197	05-1026		EXISTING	Alston Av.	Angier Av.	YES	366	B23	256	195								1								
198	05-1027		EXISTING	Alston Av.	Holloway St.	YES	339	B22	241	196								1								
199	05-1028		EXISTING	Alston Av.	NC 147 SB Ramp	YES	367	B23	253	197							1				1					
200	05-1029		EXISTING	Alston Av.	Liberty St.		364	B23	259	198								1					1			

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	CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM SUMMARY OF WORK BY INTERSECTION		
	DIVISION 05 DURHAM COUNTY		
PLAN DATE: DEC 2018	REVIEWED BY:		Documented by: <u>Kevin W. Smith</u> 12/21/2018 SIGNATURE DATE CADD Filename:
PREPARED BY: J. CROSS	REVIEWED BY: K. SMITH		
REVISIONS			INIT. DATE
_____			_____

No.	State ID	City ID	Status	Reference		Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Fiber Communications								Wireless Communications				
				Street 1	Street 2						Remove Existing Fiber Optic Drop Cable	Install New Fiber Optic Drop Cable	Remove Existing Fiber Optic Interconnect Center	Install New Fiber Optic Interconnect Center	Remove Existing Fiber Optic Data Transceiver	Remove Existing Fiber Optic Video Transceiver	Remove Existing Analog CCTV Camera and Video Equipment	Install New Field Ethernet Switch	Remove Existing Serial Wireless Radio Equipment	Install New Ethernet Wireless Radio Equipment	Remove Existing Dial-Up Modem	Install New Cell Modem	
151	05-0956		EXISTING	Guess Rd.	Horton Rd.		483	A12	149	150	1	1	1	1	1		1						
152	05-0957		EXISTING	TW Alexander Dr.	Blue Ridge Blvd.		176	B17	177	151	1	1	1	1	1		1						
153	05-0958		EXISTING	Durham-Chapel Hill Blvd.	I-40 EB Ramp		192	C34	331	152		1	1	1	1		1						
154	05-0959		EXISTING	Durham-Chapel Hill Blvd.	I-40 WB Ramp		192	C34	331	153		1	1	1	1		1						
155	05-0961		EXISTING	Page Rd.	I-40 WB Ramp		39	B24	263	154	1	1	1	1	1		1						
156	05-0965		EXISTING	Hillsborough Rd.	Fifteenth St.	YES	430	A09	110	155		1	1	1	1		1						
157	05-0979		EXISTING	S. Miami Blvd.	IBM Entrance		147	B18	193	156	1	1	1	1	1		1						
158	05-0980		EXISTING	Mangum St.	Dillard St.	YES	334	C37	-	399							1		1				
159	05-0984		EXISTING	Holloway St.	Roxboro St.	YES	336	B22	245	157		1	1	1	1		1						
160	05-0985		EXISTING	Roxboro St.	Old Oxford Hwy.		556	A05	69	158	1	1	1	1	1		1						
161	05-0986		EXISTING	Roxboro St.	Morehead Av.		333	C37	376	159	1	1	1	1	1		1						
162	05-0987		EXISTING	Roxboro St.	Jackie Robinson Dr.		333	C37	377	160		1	1	1	1		1						
163	05-0988		EXISTING	Mangum St.	Jackie Robinson Dr.	YES	282	C37	377	161		1	1	1	1		1		1		1		
164	05-0989		EXISTING	Mangum St.	Trinity Av.	YES	456	A06	81	162	1	1	1	1	1		1						
165	05-0990		EXISTING	Mangum St.	Pettigrew St.	YES	361	B25	282	163	1	1	1	1	1		1						
166	05-0991		EXISTING	Mangum St.	Morehead Av.	YES	282	C37	375	164	1	1	1	1	1		1						
167	05-0992		EXISTING	Main St.	Roxboro St.	YES	335	B25	284	165		1	1	1	1		1						
168	05-0993		EXISTING	Mangum St.	Parrish St.	YES	361	B25	-	166							1				1		
169	05-0994		EXISTING	Mangum St.	Morgan St.	YES	454	A10	130	167		1	1	1	1		1						
170	05-0995		EXISTING	Main St.	Morgan St. / Watts St.	YES	437	A09	120	168	1	1	1	1	1		1						
171	05-0996		EXISTING	Main St.	Mangum St.	YES	361	C31	-	169							1				1		
172	05-0997		EXISTING	Roxboro St.	Liberty St.	YES	336	B25	245	170		1	1	1	1		1						
173	05-0998		EXISTING	Roxboro St.	Pettigrew St.	YES	335	B25	283	171		1	1	1	1		1						
174	05-1000		EXISTING	Roxboro St.	Lavender Av.		560	A05	71	172		1	1	1	1		1						
175	05-1001		EXISTING	Lakewood Av.	Vickers Av.	YES	319	C37	372	173	1	1	1	1	1		1						
176	05-1002		EXISTING	Holloway St.	Hyde Park Av.	YES	340	B22	240	174		1	1	1	1		1						
177	05-1003		EXISTING	Holloway St.	Guthrie St.	YES	342	B22	239	175		1	1	1	1		1						
178	05-1004		EXISTING	Gregson St.	Trinity Av.	YES	507	A10	125	176		1	1	1	1		1						
179	05-1005		EXISTING	Gregson St.	Morgan St.	YES	439	A11	134	177	1	1	1	1	1		1						
180	05-1006		EXISTING	Gregson St.	Markham Av.	YES	505	A10	123	178		1	1	1	1		1						
181	05-1007		EXISTING	Gregson St.	Main St.	YES	438	A09	121	179	1	1	1	1	1		1						
182	05-1008		EXISTING	Roxboro St.	Geer St.	YES	456	A07	84	180	1	1	1	1	1		1						
183	05-1009		EXISTING	Mangum St.	Geer St.	YES	456	A06	82	181		1	1	1	1		1						
184	05-1010		EXISTING	University Dr.	Vickers Av. / E. Forest Hills Blvd.	YES	318	C37	371	182	1	1	1	1	1		1						
185	05-1011		EXISTING	University Dr.	W. Forest Hills Blvd.	YES	317	C37	370	183		1	1	1	1		1						
186	05-1012		EXISTING	Duke St.	Morgan St.	YES	439	A11	135	184		1	1	1	1		1						
187	05-1013		EXISTING	Duke St.	Main St.	YES	438	A11	136	185	1	1	1	1	1		1						
188	05-1015		EXISTING	Dillard St.	Liberty St.	YES	337	B22	243	186	1	1	1	1	1		1						
189	05-1016		EXISTING	Dillard St.	Holloway St.	YES	337	B22	244	187	1	1	1	1	1		1						
190	05-1017		EXISTING	Club Blvd.	Gregson St.	YES	497	A08	106	188	1	1	1	1	1		1						
191	05-1018		EXISTING	Mangum St.	Corporation St. / Cleveland St.	YES	455	A06	83	189	1	1	1	1	1		1						
192	05-1020		EXISTING	Caner St.	Hillandale Rd.		448	A03	37	190		1	1	1	1		1						
193	05-1021		EXISTING	Main St.	Campus Dr.	YES	436	A09	118	191		1	1	1	1		1						
194	05-1022		EXISTING	Main St.	Buchanan Blvd.	YES	437	A09	119	192	1	1	1	1	1		1						
195	05-1023		EXISTING	Broad St.	Green St.	YES	432	A09	112	193	1	1	1	1	1		1						
196	05-1024		EXISTING	Blackwell St.	Jackie Robinson Dr.	YES	282	C37	374	194		1	1	1	1		1						
197	05-1026		EXISTING	Alston Av.	Angier Av.	YES	366	B23	256	195	1	1	1	1	1		1						
198	05-1027		EXISTING	Alston Av.	Holloway St.	YES	339	B22	241	196	1	1	1	1	1		1						
199	05-1028		EXISTING	Alston Av.	NC 147 SB Ramp	YES	367	B23	253	197	1	1	1	1	1		1						
200	05-1029		EXISTING	Alston Av.	Liberty St.		364	B23	259	198	1	1	1	1	1		1						

12/20/2018 K:\ARL_TPTD_ITS_01036410 - Durham Signal System\Plans\Details\U-5968_ITS_posh_40(sow).dgn

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Plans Prepared For:
 Transportation Mobility and Safety Division
 DIVISION OF TRANSPORTATION
 STATE OF NORTH CAROLINA
 250 N. Greenfield Place - Garner, NC 27529

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM
 SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SEAL

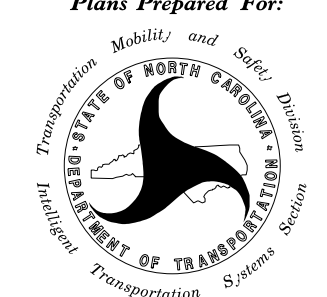
NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 030472
 KEVIN W. SMITH

Documented by: KEVIN SMITH 12/21/2018
 SIGNATURE DATE
 CADD Filename:

Reference											Signal Cabinets												
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	34	34	32	32	31	31	33	33	-	35	-	64	
											Remove Existing Base Mounted Cabinet	Remove Existing Pole Mounted Cabinet	Install New Base Mounted 332 Cabinet	Install New Base Mounted 332 with Aux File	Install New Pole Mounted 336S Cabinet	Install New Pole Mounted 336S with Aux File	Install New Base Mounted 336S Cabinet	Install New Base Mounted 336S with Aux File	Salvage Existing Painted Cabinet	Install Cabinet Base Adapter	Install Cabinet Base Extender	Install Terminal Splice Box	
201	05-1030		EXISTING	Alston Av.	Main St.	YES	366	B23	257	199	1			1								1	
202	05-1031		EXISTING	Avondale Dr.	Markham Av.		473	A07	86	200	1			1								1	
203	05-1032		EXISTING	Avondale Dr.	Trinity Av.		473	A07	86	201		1		1								1	1
204	05-1034		EXISTING	Elizabeth St.	Geer St.		464	A07	85	202	1			1								1	
205	05-1035		EXISTING	Fayetteville St.	NC 147 SB Ramp	YES	377	C31	292	203	1		1									1	
206	05-1069		EXISTING	NC 55	I-40 WB Ramp		87	B20	220	204	1			1								1	
207	05-1070		EXISTING	NC 55	I-40 EB Ramp		86	B20	219	205	1			1								1	
208	05-1071		EXISTING	Alston Av.	Cornwallis Rd.		103	B21	227	206	1		1									1	
209	05-1073		EXISTING	Cornwallis Rd.	United Therapeutics Corporation		181	B17	166	207	1			1								1	
210	05-1075		EXISTING	Chapel Hill St.	Great Jones St.	YES	451	A11	139	208	1							1					
211	05-1080		EXISTING	NC 54	Park Offices Dr.		31	B19	209	209	1			1								1	
212	05-1081		EXISTING	NC 54	New Millenium Way		34	B19	195	210	1			1								1	
213	05-1082		EXISTING	Page Rd.	I-40 EB Ramp / Emperor Blvd.		38	B24	262	211	1			1								1	
214	05-1083		EXISTING	NC 55	Carpenter Fletcher Rd.		89	B20	222	212	1			1								1	
215	05-1093		EXISTING	NC 751 (Cameron Blvd.)	US 15-501 SB Ramp		266	C36	365	213	1			1								1	
216	05-1108		EXISTING	Main St.	Fayetteville St. / Elizabeth St.	YES	362	C31	294	214	1			1								1	
217	05-1113		EXISTING	Fayetteville St.	Cook Rd. (North) / Hillside High School		387	B21	236	215	1			1								1	
218	05-1115		EXISTING	S. Miami Blvd.	Lumley Rd.		140	B17	180	216	1			1								1	
219	05-1117		EXISTING	S. Miami Blvd.	Stirrup Creek Dr.		144	B18	194	217	1			1								1	
220	05-1121		EXISTING	US 70 (New Raleigh Hwy.)	Page Rd. Extension		171	B24	270	218	1			1								1	
221	05-1123		EXISTING	S. Miami Blvd.	I-40 EB Ramp		153	B18	186	219	1			1								1	
222	05-1124		EXISTING	S. Miami Blvd.	I-40 WB Ramp		152	B18	187	220	1			1								1	
223	05-1132		EXISTING	Fulton St.	Elba St.		327	A01	13	221	1			1								1	
224	05-1136		EXISTING	Erwin Rd.	Emergency Dr.		327	A01	14	222	1			1								1	
225	05-1137		EXISTING	NC 55	Sedwick Rd.		82	B20	216	223	1			1								1	
226	05-1138		EXISTING	Fayetteville Rd.	Cook Rd. (South)		576	B21	-	224	1			1								1	
227	05-1160		EXISTING	Holloway St.	Lynn Rd.		348	B16	158	225		1		1									1
228	05-1161		EXISTING	Shannon Rd.	Auto Dr.		220	C36	354	226	1			1								1	1
229	05-1162		EXISTING	Fayetteville St.	Lakewood Av.	YES	377	C31	292	227	1			1								1	
230	05-1163		EXISTING	University Dr.	Old Chapel Hill Rd.		295	C38	380	228	1			1								1	
231	05-1191		EXISTING	T.W. Alexander	Stirrup Creek Dr.		178	B17	178	229	1			1								1	
232	05-1192		EXISTING	NC 54	Triangle Dr.		27	B20	212	406	1			1								1	
233	05-1194		EXISTING	Cole Mill Rd.	Rose of Sharon Rd.		417	A02	19	230	1			1								1	
234	05-1205		EXISTING	Cheek Rd.	US 70 WB Ramp		118	A07	95	231	1			1								1	
235	05-1206		EXISTING	Cheek Rd.	US 70 EB Ramp		118	A07	94	232	1			1								1	
236	05-1208		EXISTING	Roxboro St.	I-85 NB Ramp		460	A06	77	233	1			1								1	
237	05-1209		EXISTING	Avondale Dr.	I-85 NB Ramp		462	A06	74	234	1			1								1	
238	05-1210		EXISTING	Avondale Dr.	I-85 SB Ramp		462	A06	75	235	1			1								1	
239	05-1211		EXISTING	Hillsborough Rd.	Main St.	YES	428	A03	30	236		1		1								1	1
240	05-1212		EXISTING	Hillsborough Rd.	Hillandale-Hillsborough Conn.	YES	427	A02	27A	237	1			1								1	
241	05-1213		EXISTING	Hillandale Rd.	Hillandale-Hillsborough Conn.	YES	428	A03	31	238	1			1								1	
242	05-1220		EXISTING	Guess Rd.	Rose of Sharon Rd.		480	A12	144	239	1			1								1	
243	05-1224		EXISTING	Fayetteville Rd.	I-40 Ramps		70	C32	305	240	1			1								1	
244	05-1225		EXISTING	Fayetteville Rd.	Southpoint Mall Entrance		69	C32	303	241	1			1								1	
245	05-1226		EXISTING	Academy Rd.	Pickett Rd.		307	C38	388	242	1			1								1	
246	05-1228		EXISTING	NC 98 (Wake Forest Hwy)	Sherron Rd.		359	B16	153	243	1			1								1	
247	05-1231		EXISTING	NC 751	I-40 EB Ramp		60	C33	320	244	1			1								1	
248	05-1232		EXISTING	NC 751	I-40 WB Ramp		60	C33	321	245	1			1								1	
249	05-1233		EXISTING	Duke St.	I-85 SB Ramp		500	A08	102	246	1			1								1	
250	05-1234		EXISTING	Cole Mill Rd.	I-85 SB Ramp		422	A02	22	247	1			1								1	

12/20/2018 K:\ARL\TPTD\ITS\01036410 - Durham Signal System\Plans\Details\U-5968.ITS_posh_41issowit.dgn

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 Fax: (919) 677-2050



Plans Prepared For:
 Transportation Mobility and Safety Division
 DEPARTMENT OF TRANSPORTATION
 STATE OF NORTH CAROLINA

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SUMMARY OF WORK BY INTERSECTION

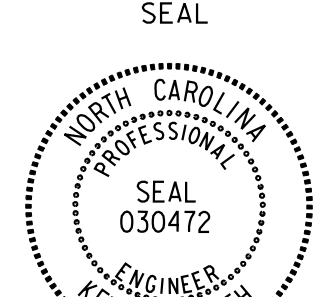
DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SCALE: 0



SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 KEVIN W. SMITH
 SEAL 030472

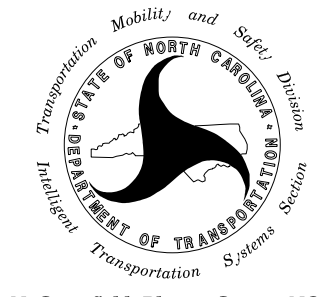
DocuSigned by:
 Kevin W. Smith
 12/21/2018

CADD File name:

Reference											Cabinet Foundations						Controllers		Preemption			
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Reuse Existing Signal Cabinet Foundation	Rotate Existing Signal Cabinet Orientation 180 Degrees	Modify Existing Signal Cabinet Foundation	Remove Existing Signal Cabinet Foundation	Install New Signal Cabinet Foundation (Same Quadrant)	Install New Signal Cabinet Foundation (Different Quadrant)	Remove Existing Local Controller	Install New 2070LX Local Controller	Reuse Existing Video Detection Equipment	Install New Emergency Vehicle Preemption Equipment	Reuse Existing Overhead Preemption Equipment	Reuse Existing Railroad Preemption Equipment
201	05-1030		EXISTING	Alston Av.	Main St.	YES	366	B23	257	199	1					1	1		1			
202	05-1031		EXISTING	Avondale Dr.	Markham Av.		473	A07	86	200	1					1	1					
203	05-1032		EXISTING	Avondale Dr.	Trinity Av.		473	A07	86	201				1		1	1					
204	05-1034		EXISTING	Elizabeth St.	Geer St.		464	A07	85	202	1					1	1					
205	05-1035		EXISTING	Fayetteville St.	NC 147 SB Ramp	YES	377	C31	292	203	1					1	1					
206	05-1069		EXISTING	NC 55	I-40 WB Ramp		87	B20	220	204	1					1	1		1			
207	05-1070		EXISTING	NC 55	I-40 EB Ramp		86	B20	219	205	1					1	1		1			
208	05-1071		EXISTING	Alston Av.	Cornwallis Rd.		103	B21	227	206	1					1	1					
209	05-1073		EXISTING	Cornwallis Rd.	United Therapeutics Corporation		181	B17	166	207	1					1	1					
210	05-1075		EXISTING	Chapel Hill St.	Great Jones St.	YES	451	A11	139	208	1					1	1					
211	05-1080		EXISTING	NC 54	Park Offices Dr.		31	B19	209	209	1					1	1					
212	05-1081		EXISTING	NC 54	New Millenium Way		34	B19	195	210	1					1	1					
213	05-1082		EXISTING	Page Rd.	I-40 EB Ramp / Emperor Blvd.		38	B24	262	211	1					1	1					
214	05-1083		EXISTING	NC 55	Carpenter Fletcher Rd.		89	B20	222	212	1					1	1		1		1	
215	05-1093		EXISTING	NC 751 (Cameron Blvd.)	US 15-501 SB Ramp		266	C36	365	213	1					1	1					
216	05-1108		EXISTING	Main St.	Fayetteville St. / Elizabeth St.	YES	362	C31	294	214	1					1	1		1		1	
217	05-1113		EXISTING	Fayetteville St.	Cook Rd. (North) / Hillside High School		387	B21	236	215	1					1	1		1			
218	05-1115		EXISTING	S. Miami Blvd.	Lumley Rd.		140	B17	180	216	1					1	1		1			
219	05-1117		EXISTING	S. Miami Blvd.	Stirrup Creek Dr.		144	B18	194	217	1					1	1		1			
220	05-1121		EXISTING	US 70 (New Raleigh Hwy.)	Page Rd. Extension		171	B24	270	218	1					1	1					
221	05-1123		EXISTING	S. Miami Blvd.	I-40 EB Ramp		153	B18	186	219			1			1	1					
222	05-1124		EXISTING	S. Miami Blvd.	I-40 WB Ramp		152	B18	187	220	1					1	1					
223	05-1132		EXISTING	Fulton St.	Elba St.		327	A01	13	221	1					1	1					
224	05-1136		EXISTING	Erwin Rd.	Emergency Dr.		327	A01	14	222	1					1	1					
225	05-1137		EXISTING	NC 55	Sedwick Rd.		82	B20	216	223	1					1	1					
226	05-1138		EXISTING	Fayetteville Rd.	Cook Rd. (South)		576	B21	-	224	1					1	1					
227	05-1160		EXISTING	Holloway St.	Lynn Rd.		348	B16	158	225				1		1	1		1			
228	05-1161		EXISTING	Shannon Rd.	Auto Dr.		220	C36	354	226	1					1	1					
229	05-1162		EXISTING	Fayetteville St.	Lakewood Av.	YES	377	C31	292	227	1					1	1		1			
230	05-1163		EXISTING	University Dr.	Old Chapel Hill Rd.		295	C38	380	228	1					1	1					
231	05-1191		EXISTING	T.W. Alexander	Stirrup Creek Dr.		178	B17	178	229	1					1	1					
232	05-1192		EXISTING	NC 54	Triangle Dr.		27	B20	212	406	1					1	1					
233	05-1194		EXISTING	Cole Mill Rd.	Rose of Sharon Rd.		417	A02	19	230	1					2	1		1			
234	05-1205		EXISTING	Cheek Rd.	US 70 WB Ramp		118	A07	95	231			1			1	1					
235	05-1206		EXISTING	Cheek Rd.	US 70 EB Ramp		118	A07	94	232			1			1	1					
236	05-1208		EXISTING	Roxboro St.	I-85 NB Ramp		460	A06	77	233	1					1	1					
237	05-1209		EXISTING	Avondale Dr.	I-85 NB Ramp		462	A06	74	234	1					1	1					
238	05-1210		EXISTING	Avondale Dr.	I-85 SB Ramp		462	A06	75	235	1					1	1					
239	05-1211		EXISTING	Hillsborough Rd.	Main St.	YES	428	A03	30	236				1		1	1		1			
240	05-1212		EXISTING	Hillsborough Rd.	Hillandale-Hillsborough Conn.	YES	427	A02	27A	237	1					1	1		1			
241	05-1213		EXISTING	Hillandale Rd.	Hillandale-Hillsborough Conn.	YES	428	A03	31	238	1					1	1					
242	05-1220		EXISTING	Guess Rd.	Rose of Sharon Rd.		480	A12	144	239			1			2	1		1			
243	05-1224		EXISTING	Fayetteville Rd.	I-40 Ramps		70	C32	305	240	1					1	1	1				
244	05-1225		EXISTING	Fayetteville Rd.	Southpoint Mall Entrance		69	C32	303	241	1					1	1					
245	05-1226		EXISTING	Academy Rd.	Pickett Rd.		307	C38	388	242	1					1	1					
246	05-1228		EXISTING	NC 98 (Wake Forest Hwy)	Sherron Rd.		359	B16	153	243			1			1	1					
247	05-1231		EXISTING	NC 751	I-40 EB Ramp		60	C33	320	244	1					1	1					
248	05-1232		EXISTING	NC 751	I-40 WB Ramp		60	C33	321	245	1					1	1					
249	05-1233		EXISTING	Duke St.	I-85 SB Ramp		500	A08	102	246	1					1	1					
250	05-1234		EXISTING	Cole Mill Rd.	I-85 SB Ramp		422	A02	22	247	1					1	1		1			

12/20/2018 K:\ARL\TPTD\ITS\01036410 - Durham Signal System\Plans\Details\U-5968 ITS_posh_42(sow).dgn

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Plans Prepared For:

 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

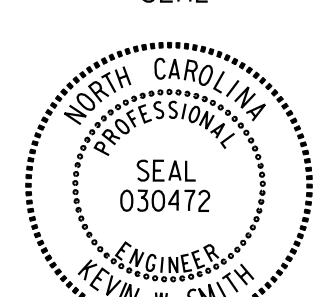
PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

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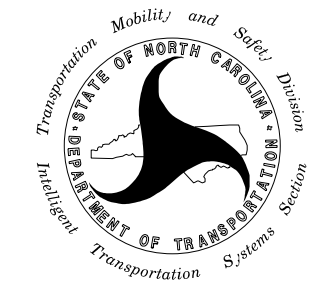
SEAL


 KEVIN W. SMITH
 ENGINEER
 030472
 Does Signed By: Kevin W. Smith 12/21/2018
 DATE
 CADD Filename:

Reference										Electrical Service						Conduit and Risers									
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	66	65	65	-	-	-	12	19	19	23	22	21	25	21	24
										Install New Electrical Service	Modify Existing Electrical (New Disconnect)	Modify Existing Electrical (New Meter)	Remove Existing Electrical Service	Install New Base Adapter with Electrical Combination Panel	Reuse Existing Base Adapter with Electrical Combination Panel	Install New 2" Riser with Heat Shrink Tubing	Reuse Existing Riser with Heat Shrink Tubing	Reuse Existing Metal Pole Riser Raceway	Install New Riser Entrance into Cabinet Foundation	Install New Conduit Entrance into Cabinet Foundation	Reuse Existing Conduit Entrance into Cabinet Foundation	Install New Riser into Pole Mounted Cabinet	Reuse Existing Conduit into Pole Mounted Cabinet	Install New Conduit into Pole Mounted Cabinet	
201	05-1030		EXISTING	Alston Av.	Main St.	YES	366	B23	257	199							1								
202	05-1031		EXISTING	Avondale Dr.	Markham Av.		473	A07	86	200							1								
203	05-1032		EXISTING	Avondale Dr.	Trinity Av.		473	A07	86	201										1					
204	05-1034		EXISTING	Elizabeth St.	Geer St.		464	A07	85	202										1					
205	05-1035		EXISTING	Fayetteville St.	NC 147 SB Ramp	YES	377	C31	292	203							1								
206	05-1069		EXISTING	NC 55	I-40 WB Ramp		87	B20	220	204												1			
207	05-1070		EXISTING	NC 55	I-40 EB Ramp		86	B20	219	205												1			
208	05-1071		EXISTING	Alston Av.	Cornwallis Rd.		103	B21	227	206							1								
209	05-1073		EXISTING	Cornwallis Rd.	United Therapeutics Corporation		181	B17	166	207												1			
210	05-1075		EXISTING	Chapel Hill St.	Great Jones St.	YES	451	A11	139	208					1					1					
211	05-1080		EXISTING	NC 54	Park Offices Dr.		31	B19	209	209							1					1			
212	05-1081		EXISTING	NC 54	New Millenium Way		34	B19	195	210							1					1			
213	05-1082		EXISTING	Page Rd.	I-40 EB Ramp / Emperor Blvd.		38	B24	262	211												1			
214	05-1083		EXISTING	NC 55	Carpenter Fletcher Rd.		89	B20	222	212												1			
215	05-1093		EXISTING	NC 751 (Cameron Blvd.)	US 15-501 SB Ramp		266	C36	365	213												1			
216	05-1108		EXISTING	Main St.	Fayetteville St. / Elizabeth St.	YES	362	C31	294	214												1			
217	05-1113		EXISTING	Fayetteville St.	Cook Rd. (North) / Hillside High School		387	B21	236	215							1								
218	05-1115		EXISTING	S. Miami Blvd.	Lumley Rd.		140	B17	180	216							1								
219	05-1117		EXISTING	S. Miami Blvd.	Stirrup Creek Dr.		144	B18	194	217							1								
220	05-1121		EXISTING	US 70 (New Raleigh Hwy.)	Page Rd. Extension		171	B24	270	218							1								
221	05-1123		EXISTING	S. Miami Blvd.	I-40 EB Ramp		153	B18	186	219											1				
222	05-1124		EXISTING	S. Miami Blvd.	I-40 WB Ramp		152	B18	187	220							1								
223	05-1132		EXISTING	Fulton St.	Elba St.		327	A01	13	221											1				
224	05-1136		EXISTING	Erwin Rd.	Emergency Dr.		327	A01	14	222												1			
225	05-1137		EXISTING	NC 55	Sedwick Rd.		82	B20	216	223							1					1			
226	05-1138		EXISTING	Fayetteville Rd.	Cook Rd. (South)		576	B21	-	224															
227	05-1160		EXISTING	Holloway St.	Lynn Rd.		348	B16	158	225						1			1						
228	05-1161		EXISTING	Shannon Rd.	Auto Dr.		220	C36	354	226							1								
229	05-1162		EXISTING	Fayetteville St.	Lakewood Av.	YES	377	C31	292	227												1			
230	05-1163		EXISTING	University Dr.	Old Chapel Hill Rd.		295	C38	380	228							1								
231	05-1191		EXISTING	T.W. Alexander	Stirrup Creek Dr.		178	B17	178	229												1			
232	05-1192		EXISTING	NC 54	Triangle Dr.		27	B20	212	406												1			
233	05-1194		EXISTING	Cole Mill Rd.	Rose of Sharon Rd.		417	A02	19	230											1				
234	05-1205		EXISTING	Cheek Rd.	US 70 WB Ramp		118	A07	95	231											1				
235	05-1206		EXISTING	Cheek Rd.	US 70 EB Ramp		118	A07	94	232							1								
236	05-1208		EXISTING	Roxboro St.	I-85 NB Ramp		460	A06	77	233												1			
237	05-1209		EXISTING	Avondale Dr.	I-85 NB Ramp		462	A06	74	234												1			
238	05-1210		EXISTING	Avondale Dr.	I-85 SB Ramp		462	A06	75	235												1			
239	05-1211		EXISTING	Hillsborough Rd.	Main St.	YES	428	A03	30	236						1			1						
240	05-1212		EXISTING	Hillsborough Rd.	Hillandale-Hillsborough Conn.	YES	427	A02	27A	237							1								
241	05-1213		EXISTING	Hillandale Rd.	Hillandale-Hillsborough Conn.	YES	428	A03	31	238							1								
242	05-1220		EXISTING	Guess Rd.	Rose of Sharon Rd.		480	A12	144	239							1					1			
243	05-1224		EXISTING	Fayetteville Rd.	I-40 Ramps		70	C32	305	240												1			
244	05-1225		EXISTING	Fayetteville Rd.	Southpoint Mall Entrance		69	C32	303	241												1			
245	05-1226		EXISTING	Academy Rd.	Pickett Rd.		307	C38	388	242												1			
246	05-1228		EXISTING	NC 98 (Wake Forest Hwy)	Sherron Rd.		359	B16	153	243												1			
247	05-1231		EXISTING	NC 751	I-40 EB Ramp		60	C33	320	244												1			
248	05-1232		EXISTING	NC 751	I-40 WB Ramp		60	C33	321	245												1			
249	05-1233		EXISTING	Duke St.	I-85 SB Ramp		500	A08	102	246												1			
250	05-1234		EXISTING	Cole Mill Rd.	I-85 SB Ramp		422	A02	22	247											1				

12/20/2018 K:\ARL_TPTD_ITS\01036410 - Durham Signal System\Plans\Details\U-5968_ITS_posh_43(sow).dgn

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Plans Prepared For:

 Transportation Mobility and Safety Division
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 250 N. Greenfield Place, Garner, NC 27529

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM
SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

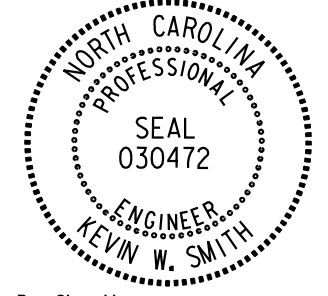
PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SCALE: 0

SEAL



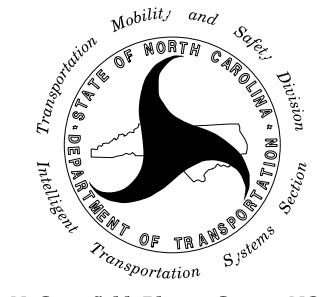
DocuSigned by:
 Kevin W. Smith
 12/21/2018

CADD Filename: _____

Reference											Fiber Communications								Wireless Communications			
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Remove Existing Fiber Optic Drop Cable	Install New Fiber Optic Drop Cable	Remove Existing Fiber Optic Interconnect Center	Install New Fiber Optic Interconnect Center	Remove Existing Fiber Optic Data Transceiver	Remove Existing Fiber Optic Video Transceiver	Remove Existing Analog CCTV Camera and Video Equipment	Install New Field Ethernet Switch	Remove Existing Serial Wireless Radio Equipment	Install New Ethernet Wireless Radio Equipment	Remove Existing Dial-Up Modem	Install New Cell Modem
201	05-1030		EXISTING	Alston Av.	Main St.	YES	366	B23	257	199	1	1	1	1	1		1					
202	05-1031		EXISTING	Avondale Dr.	Markham Av.		473	A07	86	200	1	1	1	1	1		1					
203	05-1032		EXISTING	Avondale Dr.	Trinity Av.		473	A07	86	201		1	1	1	1		1					
204	05-1034		EXISTING	Elizabeth St.	Geer St.		464	A07	85	202		1	1	1	1		1					
205	05-1035		EXISTING	Fayetteville St.	NC 147 SB Ramp	YES	377	C31	292	203	1	1	1	1	1		1					
206	05-1069		EXISTING	NC 55	I-40 WB Ramp		87	B20	220	204	1	1	1	1	1		1					
207	05-1070		EXISTING	NC 55	I-40 EB Ramp		86	B20	219	205	1	1	1	1	1		1					
208	05-1071		EXISTING	Alston Av.	Cornwallis Rd.		103	B21	227	206	1	1	1	1	1		1					
209	05-1073		EXISTING	Cornwallis Rd.	United Therapeutics Corporation		181	B17	166	207	1	1	1	1	1		1					
210	05-1075		EXISTING	Chapel Hill St.	Great Jones St.	YES	451	A11	139	208		1	1	1	1		1					
211	05-1080		EXISTING	NC 54	Park Offices Dr.		31	B19	209	209	1	1	1	1	1		1					
212	05-1081		EXISTING	NC 54	New Millenium Way		34	B19	195	210	1	1	1	1	1		1					
213	05-1082		EXISTING	Page Rd.	I-40 EB Ramp / Emperor Blvd.		38	B24	262	211	1	1	1	1	1		1		1			
214	05-1083		EXISTING	NC 55	Carpenter Fletcher Rd.		89	B20	222	212	1	1	1	1	1		1					
215	05-1093		EXISTING	NC 751 (Cameron Blvd.)	US 15-501 SB Ramp		266	C36	365	213	1	1	1	1	1		1					
216	05-1108		EXISTING	Main St.	Fayetteville St. / Elizabeth St.	YES	362	C31	294	214	1	1	1	1	1		1					
217	05-1113		EXISTING	Fayetteville St.	Cook Rd. (North) / Hillside High School		387	B21	236	215	1	1	1	1	1		1					
218	05-1115		EXISTING	S. Miami Blvd.	Lumley Rd.		140	B17	180	216	1	1	1	1	1		1					
219	05-1117		EXISTING	S. Miami Blvd.	Stirrup Creek Dr.		144	B18	194	217	1	1	1	1	1		1					
220	05-1121		EXISTING	US 70 (New Raleigh Hwy.)	Page Rd. Extension		171	B24	270	218	1	1	1	1	1		1					
221	05-1123		EXISTING	S. Miami Blvd.	I-40 EB Ramp		153	B18	186	219		1	1	1	1		1					
222	05-1124		EXISTING	S. Miami Blvd.	I-40 WB Ramp		152	B18	187	220	1	1	1	1	1		1					
223	05-1132		EXISTING	Fulton St.	Elba St.		327	A01	13	221		1	1	1	1		1					
224	05-1136		EXISTING	Erwin Rd.	Emergency Dr.		327	A01	14	222	1	1	1	1	1		1					
225	05-1137		EXISTING	NC 55	Sedwick Rd.		82	B20	216	223	1	1	1	1	1		1					
226	05-1138		EXISTING	Fayetteville Rd.	Cook Rd. (South)		576	B21	-	224							1		1			
227	05-1160		EXISTING	Holloway St.	Lynn Rd.		348	B16	158	225		1	1	1	1		1					
228	05-1161		EXISTING	Shannon Rd.	Auto Dr.		220	C36	354	226	1	1	1	1	1		1					
229	05-1162		EXISTING	Fayetteville St.	Lakewood Av.	YES	377	C31	292	227	1	1	1	1	1		1					
230	05-1163		EXISTING	University Dr.	Old Chapel Hill Rd.		295	C38	380	228	1	1	1	1	1		1					
231	05-1191		EXISTING	T.W. Alexander	Stirrup Creek Dr.		178	B17	178	229	1	1	1	1	1		1					
232	05-1192		EXISTING	NC 54	Triangle Dr.		27	B20	212	406	1	1	1	1	1		1					
233	05-1194		EXISTING	Cole Mill Rd.	Rose of Sharon Rd.		417	A02	19	230		1	1	1	1		1				1	
234	05-1205		EXISTING	Cheek Rd.	US 70 WB Ramp		118	A07	95	231		1	1	1	1		1					
235	05-1206		EXISTING	Cheek Rd.	US 70 EB Ramp		118	A07	94	232	1	1	1	1	1		1					
236	05-1208		EXISTING	Roxboro St.	I-85 NB Ramp		460	A06	77	233	1	1	1	1	1		1					
237	05-1209		EXISTING	Avondale Dr.	I-85 NB Ramp		462	A06	74	234	1	1	1	1	1		1					
238	05-1210		EXISTING	Avondale Dr.	I-85 SB Ramp		462	A06	75	235	1	1	1	1	1		1					
239	05-1211		EXISTING	Hillsborough Rd.	Main St.	YES	428	A03	30	236		1	1	1	1		1					
240	05-1212		EXISTING	Hillsborough Rd.	Hillandale-Hillsborough Conn.	YES	427	A02	27A	237	1	1	1	1	1		1					
241	05-1213		EXISTING	Hillandale Rd.	Hillandale-Hillsborough Conn.	YES	428	A03	31	238	1	1	1	1	1		1					
242	05-1220		EXISTING	Guess Rd.	Rose of Sharon Rd.		480	A12	144	239	1	1	1	1	2		1				1	
243	05-1224		EXISTING	Fayetteville Rd.	I-40 Ramps		70	C32	305	240	1	1	1	1	1		1					
244	05-1225		EXISTING	Fayetteville Rd.	Southpoint Mall Entrance		69	C32	303	241	1	1	1	1	1		1					
245	05-1226		EXISTING	Academy Rd.	Pickett Rd.		307	C38	388	242	1	1	1	1	1		1					
246	05-1228		EXISTING	NC 98 (Wake Forest Hwy)	Sherron Rd.		359	B16	153	243		1	1	1	1		1					
247	05-1231		EXISTING	NC 751	I-40 EB Ramp		60	C33	320	244	1	1	1	1	1		1					
248	05-1232		EXISTING	NC 751	I-40 WB Ramp		60	C33	321	245	1	1	1	1	1		1					
249	05-1233		EXISTING	Duke St.	I-85 SB Ramp		500	A08	102	246	1	1	1	1	1		1					
250	05-1234		EXISTING	Cole Mill Rd.	I-85 SB Ramp		422	A02	22	247		1	1	1	1		1					

12/20/2018 K:\ARL_TPTD_ITS_01036410 - Durham Signal System\Plans\Details\U-5968_ITS_posh_44(sow).dgn

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Plans Prepared For:

 NORTH CAROLINA
 STATE OF TRANSPORTATION

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

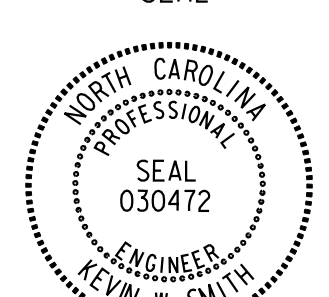
PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SCALE: 0 [Graphic Scale]

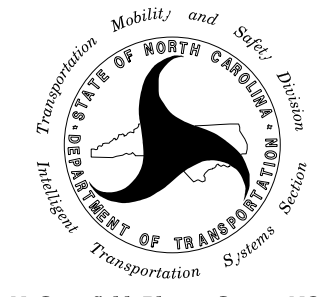
SEAL


 KEVIN W. SMITH
 ENGINEER
 030472
 DocuSigned by:
 KEVIN W. SMITH 12/21/2018
 DATE
 CADD Filename:

Reference										Signal Cabinets													
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Remove Existing Base Mounted Cabinet	Remove Existing Pole Mounted Cabinet	Install New Base Mounted 332 Cabinet	Install New Base Mounted 332 Cabinet with Aux File	Install New Pole Mounted 336S Cabinet	Install New Pole Mounted 336S Cabinet with Aux File	Install New Base Mounted 336S Cabinet	Install New Base Mounted 336S Cabinet with Aux File	Salvage Existing Painted Cabinet	Install Cabinet Base Adapter	Install Cabinet Base Extender	Install Terminal Splice Box	
251	05-1235		EXISTING	Cole Mill Rd.	I-85 NB Ramp		422	A02	23	248	1			1								1	
252	05-1236		EXISTING	Gregson St.	Peabody St.	YES	438	A09	121	249	1			1								1	
253	05-1238		EXISTING	Cornwallis Rd.	NC 147 SB Ramp		181	B17	165	250	1			1								1	
254	05-1239		EXISTING	Roxboro Rd.	Goodwin Rd.		515	A04	40	251	1			1								1	
255	05-1342		EXISTING	Academy Rd./Cameron Blvd	Duke University Rd.		271	A01	3	252	1			1								1	
256	05-1374		EXISTING	NC 54	Rollingwood Dr. / Highgate Dr.		15	C33	310	253	1			1								1	
257	05-1375		EXISTING	Guess Rd.	Lebanon Cir.		477	A12	143	254	1			1								1	
258	05-1379		EXISTING	NC 54	Research Triangle High School		30	B19	210	255	1		1									1	
259	05-1384		EXISTING	TW Alexander Dr.	Page Rd.		51	B24	268	256	1			1								1	
260	05-1394		EXISTING	NC 54 (S. Miami Blvd.)	Emperor Blvd.		157	B18	183	257	1			1								1	
261	05-1395		EXISTING	Hillsborough Rd.	Sparger Rd.		571	A02	28A	258		1		1								1	1
262	05-1396		EXISTING	TW Alexander Dr.	Moore Dr.		174	B17	169	259	1			1								1	
263	05-1423		EXISTING	NC 54	Park Dr.		31	B19	208	404	1			1								1	
264	05-1428		EXISTING	Morreene Rd.	Campus Walk Av.		332	A01	7	260	1			1								1	
265	05-1429		EXISTING	Morreene Rd.	US 15-501 NB Ramp		332	A01	7	261	1			1								1	
266	05-1432		EXISTING	Blackwell St.	Morehead Av.	YES	282	C37	374	262						1							
267	05-1433		EXISTING	Carver St.	Roxboro St.		554	A05	63	263	1	1										1	
268	05-1434		EXISTING	NC 751 (Hope Valley Rd.)	Garrett Rd.		8	C33	315	264	1			1								1	
269	05-1438		EXISTING	Erwin Rd.	Cornwallis Rd.		289	C36	362	265	1			1								1	
270	05-1462		EXISTING	Hillandale Rd.	NC 147 Ramps	YES	428	A02	29	266	1			1								1	
271	05-1463		EXISTING	Swift Av.	NC 147 SB Ramp	YES	440	A09	116	267	1			1								1	
272	05-1477		EXISTING	Davis Dr.	I-40 EB Ramp		106	B19	197	268	1			1								1	
273	05-1509		EXISTING	Roxboro St.	Hewitt St.		556	A05	65	269	1			1								1	
274	05-1511		EXISTING	Morreene Rd.	US 15-501 SB Ramp		332	A01	6	270	1			1								1	
275	05-1526		EXISTING	Page Rd.	Chin Page Rd.		43	B24	265	-	1			1								1	
276	05-1527		EXISTING	Page Rd.	Globe Rd.		48	B24	267	-	1			1								1	
277	05-1528		EXISTING	NC 55	Meridian Pkwy.		87	B20	221	271	1			1								1	
278	05-1530		EXISTING	Ellis Rd.	Ellis Research Center		185	B17	173	272	1			1								1	
279	05-1531		EXISTING	Ellis Rd.	NC 147 Ramps		184	B17	175	273	1			1								1	
280	05-1532		EXISTING	Ellis Rd.	Moore Dr. / Stone Lion Dr.		183	B17	172	274	1			1								1	
281	05-1539		EXISTING	TW Alexander Dr.	NC 147 NB Ramp		175	B17	176	275	1			1								1	
282	05-1540		EXISTING	TW Alexander Dr.	NC 147 SB Ramp		175	B17	170	276	1			1								1	
283	05-1563		EXISTING	Hillandale Rd.	Sprunt Av.	YES	443	A03	33	277	1			1								1	
284	05-1583		EXISTING	NC 55	TW Alexander Dr.		80	B20	215	278	1			1								1	
285	05-1597		EXISTING	Page Rd.	World Trade Blvd.		45	B24	266	279	1			1								1	
286	05-1600		EXISTING	Fayetteville St	Woodcroft Pkwy.		74	C32	306	280	1			1								1	
287	05-1634		EXISTING	Duke St.	I-85 NB Ramp		500	A08	103	281	1			1								1	
288	05-1635		EXISTING	University Dr.	MLK Jr. Pkwy.		218	C35	343	282	1			1								1	1
289	05-1655		EXISTING	Holloway St.	Hoover Rd.		345	B16	160	283	1			1								1	
290	05-1659		EXISTING	Durham-Chapel Hill Blvd.	Shannon Rd.		257	C36	355	284	1			1								1	
291	05-1673		EXISTING	Old Chapel Hill Rd.	SW Durham Dr. / Farrington Rd.		209	C34	335	285	1			1								1	
292	05-1701		EXISTING	Holloway St.	Clayton Rd.		351	B16	157	286								1				1	1
293	05-1717		EXISTING	Holloway St.	US 70 WB Ramp		122	B16	161	287	1			1								1	
294	05-1718		EXISTING	Erwin Rd.	Mt. Sinai Rd. / Lochnora Pkwy.		286	C36	361	288	1			1								1	
295	05-1724		EXISTING	NC 98 (Wake Forest Hwy)	Olive Branch Rd.		360	B16	152	289	1			1								1	
296	05-1727		EXISTING	NC 751 (Hope Valley Rd.)	Woodcroft Pkwy.		9	C33	314	290	1			1								1	
297	05-1744		EXISTING	NC 54	Huntingridge Rd.		1	C34	326	291	1			1								1	
298	05-1799		EXISTING	Old Oxford Rd.	Dearborn Dr.		569	A05	66	292	1			1								1	
299	05-1802		EXISTING	Erwin Rd.	Randolph Dr.		285	C36	360	293	1			1								1	
300	05-1854		EXISTING	Elizabeth St.	Holloway St.	YES	338	B22	242	294						1							

12/20/2018 K:\RAL_TPTD_ITS_0103640 - Durham Signal System\Plans\Details\U-5968_ITS_psh_45(sow).dgn

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Plans Prepared For:

 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 250 N. Greenfield Pkwy., Garner, NC 27529

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM
SUMMARY OF WORK BY INTERSECTION

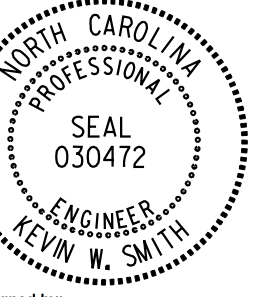
DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

SCALE: 0 _____

SEAL

 KEVIN W. SMITH
 ENGINEER
 12/21/2018
 DATE
 CADD File name:

Reference											Cabinet Foundations						Controllers		Preemption			
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Reuse Existing Signal Cabinet Foundation	Rotate Existing Signal Cabinet Orientation 180 Degrees	Modify Existing Signal Cabinet Foundation	Remove Existing Signal Cabinet Foundation	Install New Signal Cabinet Foundation (Same Quadrant)	Install New Signal Cabinet Foundation (Different Quadrant)	Remove Existing Local Controller	Install New 2070LX Local Controller	Reuse Existing Video Detection Equipment	Install New Emergency Vehicle Preemption Equipment	Reuse Existing Overhead Preemption Equipment	Reuse Existing Railroad Preemption Equipment
251	05-1235		EXISTING	Cole Mill Rd.	I-85 NB Ramp		422	A02	23	248	1						1	1		1		
252	05-1236		EXISTING	Gregson St.	Peabody St.	YES	438	A09	121	249	1						1	1			1	
253	05-1238		EXISTING	Cornwallis Rd.	NC 147 SB Ramp		181	B17	165	250	1						1	1				
254	05-1239		EXISTING	Roxboro Rd.	Goodwin Rd.		515	A04	40	251	1						1	1				
255	05-1342		EXISTING	Academy Rd./Cameron Blvd	Duke University Rd.		271	A01	3	252	1						1	1				
256	05-1374		EXISTING	NC 54	Rollingwood Dr. / Highgate Dr.		15	C33	310	253	1						1	1				
257	05-1375		EXISTING	Guess Rd.	Lebanon Cir.		477	A12	143	254		1					1	1				
258	05-1379		EXISTING	NC 54	Research Triangle High School		30	B19	210	255	1						1	1				
259	05-1384		EXISTING	TW Alexander Dr.	Page Rd.		51	B24	268	256	1						1	1				
260	05-1394		EXISTING	NC 54 (S. Miami Blvd.)	Emperor Blvd.		157	B18	183	257	1						1	1				
261	05-1395		EXISTING	Hillsborough Rd.	Sparger Rd.		571	A02	28A	258				1			1	1				
262	05-1396		EXISTING	TW Alexander Dr.	Moore Dr.		174	B17	169	259	1						1	1				
263	05-1423		EXISTING	NC 54	Park Dr.		31	B19	208	404	1						1	1				
264	05-1428		EXISTING	Morreene Rd.	Campus Walk Av.		332	A01	7	260	1						1	1				
265	05-1429		EXISTING	Morreene Rd.	US 15-501 NB Ramp		332	A01	7	261	1						1	1				
266	05-1432		EXISTING	Blackwell St.	Morehead Av.	YES	282	C37	374	262	1						1	1				
267	05-1433		EXISTING	Caner St.	Roxboro St.		554	A05	63	263	1						1	1		1		
268	05-1434		EXISTING	NC 751 (Hope Valley Rd.)	Garrett Rd.		8	C33	315	264	1						1	1		1		
269	05-1438		EXISTING	Erwin Rd.	Cornwallis Rd.		289	C36	362	265	1						1	1		1		
270	05-1462		EXISTING	Hillandale Rd.	NC 147 Ramps	YES	428	A02	29	266		1					1	1				
271	05-1463		EXISTING	Swift Av.	NC 147 SB Ramp	YES	440	A09	116	267	1						1	1				
272	05-1477		EXISTING	Davis Dr.	I-40 EB Ramp		106	B19	197	268	1						1	1				
273	05-1509		EXISTING	Roxboro St.	Hewitt St.		556	A05	65	269	1						1	1		1		
274	05-1511		EXISTING	Morreene Rd.	US 15-501 SB Ramp		332	A01	6	270	1						1	1				
275	05-1526		EXISTING	Page Rd.	Chin Page Rd.		43	B24	265	-	1						1	1				
276	05-1527		EXISTING	Page Rd.	Globe Rd.		48	B24	267	-	1						1	1				
277	05-1528		EXISTING	NC 55	Meridian Pkwy.		87	B20	221	271	1						1	1		1		
278	05-1530		EXISTING	Ellis Rd.	Ellis Research Center		185	B17	173	272	1						1	1				
279	05-1531		EXISTING	Ellis Rd.	NC 147 Ramps		184	B17	175	273	1						1	1				
280	05-1532		EXISTING	Ellis Rd.	Moore Dr. / Stone Lion Dr.		183	B17	172	274	1						2	1				
281	05-1539		EXISTING	TW Alexander Dr.	NC 147 NB Ramp		175	B17	176	275	1						1	1				
282	05-1540		EXISTING	TW Alexander Dr.	NC 147 SB Ramp		175	B17	170	276	1						1	1				
283	05-1563		EXISTING	Hillandale Rd.	Sprunt Av.	YES	443	A03	33	277	1						1	1				
284	05-1583		EXISTING	NC 55	TW Alexander Dr.		80	B20	215	278	1						1	1				
285	05-1597		EXISTING	Page Rd.	World Trade Blvd.		45	B24	266	279	1						1	1				
286	05-1600		EXISTING	Fayetteville St	Woodcroft Pkwy.		74	C32	306	280	1						1	1				
287	05-1634		EXISTING	Duke St.	I-85 NB Ramp		500	A08	103	281	1						1	1				
288	05-1635		EXISTING	University Dr.	MLK Jr. Pkwy.		218	C35	343	282			1		1		1	1				
289	05-1655		EXISTING	Holloway St.	Hoover Rd.		345	B16	160	283	1						1	1				
290	05-1659		EXISTING	Durham-Chapel Hill Blvd.	Shannon Rd.		257	C36	355	284	1						1	1				
291	05-1673		EXISTING	Old Chapel Hill Rd.	SW Durham Dr. / Farrington Rd.		209	C34	335	285	1						1	1		1		
292	05-1701		EXISTING	Holloway St.	Clayton Rd.		351	B16	157	286				1			1	1				
293	05-1717		EXISTING	Holloway St.	US 70 WB Ramp		122	B16	161	287	1						1	1				
294	05-1718		EXISTING	Erwin Rd.	Mt. Sinai Rd. / Lochnora Pkwy.		286	C36	361	288	1						2	1				
295	05-1724		EXISTING	NC 98 (Wake Forest Hwy)	Olive Branch Rd.		360	B16	152	289	1						1	1		1		
296	05-1727		EXISTING	NC 751 (Hope Valley Rd.)	Woodcroft Pkwy.		9	C33	314	290		1					1	1		1		
297	05-1744		EXISTING	NC 54	Huntingridge Rd.		1	C34	326	291	1						1	1				
298	05-1799		EXISTING	Old Oxford Rd.	Dearborn Dr.		569	A05	66	292	1						1	1				
299	05-1802		EXISTING	Erwin Rd.	Randolph Dr.		285	C36	360	293	1						1	1				
300	05-1854		EXISTING	Elizabeth St.	Holloway St.	YES	338	B22	242	294							1	1				

12/20/2018 K:\ARL_TPTD_ITS_01036410 - Durham Signal System\Plans\Details\U-5968_ITS_posn_46(sow).dgn

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Plans Prepared For:

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

PLAN DATE: DEC 2018 REVIEWED BY:

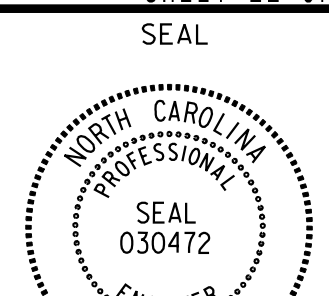
PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

DocuSigned by:

 12/21/2018
 SIGNATURE DATE

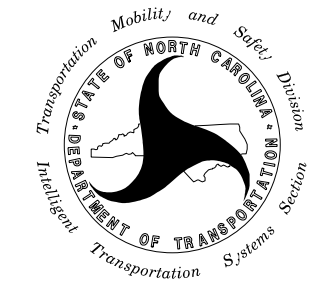

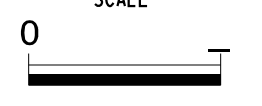
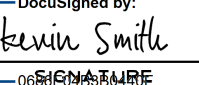
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Reference										Electrical Service						Conduit and Risers									
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	66 Install New Electrical Service	65 Modify Existing Electrical (New Disconnect)	65 Modify Existing Electrical (New Meter)	- Remove Existing Electrical Service	- Install New Base Adapter with Electrical Combination Panel	- Reuse Existing Base Adapter with Electrical Combination Panel	12 Install New 2" Riser with Heat Shrink Tubing	19 Reuse Existing Riser with Heat Shrink Tubing	19 Reuse Existing Metal Pole Riser Raceway	23 Install New Riser Entrance into Cabinet Foundation	22 Install New Conduit Entrance into Cabinet Foundation	21 Reuse Existing Conduit Entrance into Cabinet Foundation	25 Install New Riser into Pole Mounted Cabinet	21 Reuse Existing Conduit into Pole Mounted Cabinet	24 Install New Conduit into Pole Mounted Cabinet
251	05-1235		EXISTING	Cole Mill Rd.	I-85 NB Ramp		422	A02	23	248								1							
252	05-1236		EXISTING	Gregson St.	Peabody St.	YES	438	A09	121	249							1					1			
253	05-1238		EXISTING	Cornwallis Rd.	NC 147 SB Ramp		181	B17	165	250												1			
254	05-1239		EXISTING	Roxboro Rd.	Goodwin Rd.		515	A04	40	251															
255	05-1342		EXISTING	Academy Rd./Cameron Blvd	Duke University Rd.		271	A01	3	252															
256	05-1374		EXISTING	NC 54	Rollingwood Dr. / Highgate Dr.		15	C33	30	253								1							
257	05-1375		EXISTING	Guess Rd.	Lebanon Cir.		477	A12	143	254							1								
258	05-1379		EXISTING	NC 54	Research Triangle High School		30	B19	210	255											1				
259	05-1384		EXISTING	TW Alexander Dr.	Page Rd.		51	B24	268	256							1			1					
260	05-1394		EXISTING	NC 54 (S. Miami Blvd.)	Emperor Blvd.		157	B18	183	257												1			
261	05-1395		EXISTING	Hillsborough Rd.	Sparger Rd.		571	A02	28A	258							1			1					
262	05-1396		EXISTING	TW Alexander Dr.	Moore Dr.		174	B17	169	259													1		
263	05-1423		EXISTING	NC 54	Park Dr.		31	B19	208	404								1					1		
264	05-1428		EXISTING	Morreene Rd.	Campus Walk Av.		332	A01	7	260								1							
265	05-1429		EXISTING	Morreene Rd.	US 15-501 NB Ramp		332	A01	7	261								1							
266	05-1432		EXISTING	Blackwell St.	Morehead Av.	YES	282	C37	374	262								1							
267	05-1433		EXISTING	Carver St.	Roxboro St.		554	A05	63	263								1							
268	05-1434		EXISTING	NC 751 (Hope Valley Rd.)	Garrett Rd.		8	C33	315	264													1		
269	05-1438		EXISTING	Erwin Rd.	Cornwallis Rd.		289	C36	362	265								1							
270	05-1462		EXISTING	Hillandale Rd.	NC 147 Ramps	YES	428	A02	29	266								1							
271	05-1463		EXISTING	Swift Av.	NC 147 SB Ramp	YES	440	A09	116	267								1							
272	05-1477		EXISTING	Davis Dr.	I-40 EB Ramp		106	B19	197	268													1		
273	05-1509		EXISTING	Roxboro St.	Hewitt St.		556	A05	65	269								1							
274	05-1511		EXISTING	Morreene Rd.	US 15-501 SB Ramp		332	A01	6	270															
275	05-1526		EXISTING	Page Rd.	Chin Page Rd.		43	B24	265	-							1						1		
276	05-1527		EXISTING	Page Rd.	Globe Rd.		48	B24	267	-							1						1		
277	05-1528		EXISTING	NC 55	Meridian Pkwy.		87	B20	221	271														1	
278	05-1530		EXISTING	Ellis Rd.	Ellis Research Center		185	B17	173	272													1		
279	05-1531		EXISTING	Ellis Rd.	NC 147 Ramps		184	B17	175	273														1	
280	05-1532		EXISTING	Ellis Rd.	Moore Dr. / Stone Lion Dr.		183	B17	172	274														1	
281	05-1539		EXISTING	TW Alexander Dr.	NC 147 NB Ramp		175	B17	176	275														1	
282	05-1540		EXISTING	TW Alexander Dr.	NC 147 SB Ramp		175	B17	170	276														1	
283	05-1563		EXISTING	Hillandale Rd.	Sprunt Av.	YES	443	A03	33	277								1							
284	05-1583		EXISTING	NC 55	TW Alexander Dr.		80	B20	215	278								1						1	
285	05-1597		EXISTING	Page Rd.	World Trade Blvd.		45	B24	266	279							1			1					
286	05-1600		EXISTING	Fayetteville St	Woodcroft Pkwy.		74	C32	306	280														1	
287	05-1634		EXISTING	Duke St.	I-85 NB Ramp		500	A08	103	281														1	
288	05-1635		EXISTING	University Dr.	MLK Jr. Pkwy.		218	C35	343	282	1			1									1		
289	05-1655		EXISTING	Holloway St.	Hoover Rd.		345	B16	160	283								1						1	
290	05-1659		EXISTING	Durham-Chapel Hill Blvd.	Shannon Rd.		257	C36	355	284														1	
291	05-1673		EXISTING	Old Chapel Hill Rd.	SW Durham Dr. / Farrington Rd.		209	C34	335	285								1							
292	05-1701		EXISTING	Holloway St.	Clayton Rd.		351	B16	157	286								1							
293	05-1717		EXISTING	Holloway St.	US 70 WB Ramp		122	B16	161	287														1	
294	05-1718		EXISTING	Erwin Rd.	Mt. Sinai Rd. / Lochnora Pkwy.		286	C36	361	288														1	
295	05-1724		EXISTING	NC 98 (Wake Forest Hwy)	Olive Branch Rd.		360	B16	152	289														1	
296	05-1727		EXISTING	NC 751 (Hope Valley Rd.)	Woodcroft Pkwy.		9	C33	314	290								1							
297	05-1744		EXISTING	NC 54	Huntingridge Rd.		1	C34	326	291														1	
298	05-1799		EXISTING	Old Oxford Rd.	Dearborn Dr.		569	A05	66	292								1							
299	05-1802		EXISTING	Erwin Rd.	Randolph Dr.		285	C36	360	293														1	
300	05-1854		EXISTING	Elizabeth St.	Holloway St.	YES	338	B22	242	294								1							

12/20/2018 K:\ARL_TPTD_ITS_0103640 - Durham Signal System\Plans\Derails\U-5968_ITS_psh_47(sofar).dgn

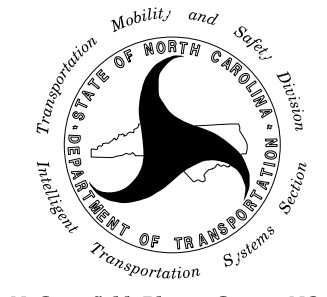
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 Plans Prepared For: Transportation Mobility and Safety Division DEPARTMENT OF TRANSPORTATION 250 N. Greenfield Pkwy., Garner, NC 27529	CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM SUMMARY OF WORK BY INTERSECTION		 SEAL 030472 KEVIN W. SMITH ENGINEER							
	DIVISION 05 DURHAM COUNTY PLAN DATE: DEC 2018 REVIEWED BY: PREPARED BY: J. CROSS REVIEWED BY: K. SMITH									
SCALE 	REVISIONS <table border="1"> <tr><th>NO.</th><th>DESCRIPTION</th><th>INIT.</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>	NO.	DESCRIPTION	INIT.	DATE					DocuSigned by:  12/21/2018 DATE
NO.	DESCRIPTION	INIT.	DATE							

No.	State ID	City ID	Status	Reference		Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Fiber Communications								Wireless Communications				
				Street 1	Street 2						Remove Existing Fiber Optic Drop Cable	Install New Fiber Optic Drop Cable	Remove Existing Fiber Optic Interconnect Center	Install New Fiber Optic Interconnect Center	Remove Existing Fiber Optic Data Transceiver	Remove Existing Fiber Optic Video Transceiver	Remove Existing Analog CCTV Camera and Video Equipment	Install New Field Ethernet Switch	Remove Existing Serial Wireless Radio Equipment	Install New Ethernet Wireless Radio Equipment	Remove Existing Dial-Up Modem	Install New Cell Modem	
251	05-1235		EXISTING	Cole Mill Rd.	I-85 NB Ramp		422	A02	23	248	1	1	1	1	1			1					
252	05-1236		EXISTING	Gregson St.	Peabody St.	YES	438	A09	121	249	1	1	1	1	1			1					
253	05-1238		EXISTING	Cornwallis Rd.	NC 147 SB Ramp		181	B17	165	250	1	1	1	1	1			1					
254	05-1239		EXISTING	Roxboro Rd.	Goodwin Rd.		515	A04	40	251	1	1	1	1	1			1					
255	05-1342		EXISTING	Academy Rd./Cameron Blvd	Duke University Rd.		271	A01	3	252		1	1	1	1			1					
256	05-1374		EXISTING	NC 54	Rollingwood Dr. / Highgate Dr.		15	C33	310	253	1	1	1	1	1			1					
257	05-1375		EXISTING	Guess Rd.	Lebanon Cir.		477	A12	143	254	1	1	1	1	1			1					
258	05-1379		EXISTING	NC 54	Research Triangle High School		30	B19	210	255		1	1	1	1			1					
259	05-1384		EXISTING	TW Alexander Dr.	Page Rd.		51	B24	268	256		1	1	1	1			1					
260	05-1394		EXISTING	NC 54 (S. Miami Blvd.)	Emperor Blvd.		157	B18	183	257	1	1	1	1	1			1					
261	05-1395		EXISTING	Hillsborough Rd.	Sparger Rd.		571	A02	28A	258		1	1	1	1			1					1
262	05-1396		EXISTING	TW Alexander Dr.	Moore Dr.		174	B17	169	259	1	1	1	1	1			1					
263	05-1423		EXISTING	NC 54	Park Dr.		31	B19	208	404	1	1	1	1	1			1					
264	05-1428		EXISTING	Morreene Rd.	Campus Walk Av.		332	A01	7	260	1	1	1	1	1			1					
265	05-1429		EXISTING	Morreene Rd.	US 15-501 NB Ramp		332	A01	7	261	1	1	1	1	1			1					
266	05-1432		EXISTING	Blackwell St.	Morehead Av.	YES	282	C37	374	262	1	1	1	1	1			1					
267	05-1433		EXISTING	Caner St.	Roxboro St.		554	A05	63	263	1	1	1	1	1			1					
268	05-1434		EXISTING	NC 751 (Hope Valley Rd.)	Garrett Rd.		8	C33	315	264	1	1	1	1	1			1					
269	05-1438		EXISTING	Erwin Rd.	Cornwallis Rd.		289	C36	362	265	1	1	1	1	1			1					
270	05-1462		EXISTING	Hilldale Rd.	NC 147 Ramps	YES	428	A02	29	266	1	1	1	1	1			1					
271	05-1463		EXISTING	Swift Av.	NC 147 SB Ramp	YES	440	A09	116	267	1	1	1	1	1			1					
272	05-1477		EXISTING	Davis Dr.	I-40 EB Ramp		106	B19	197	268	1	1	1	1	1			1					
273	05-1509		EXISTING	Roxboro St.	Hewitt St.		556	A05	65	269	1	1	1	1	1			1					
274	05-1511		EXISTING	Morreene Rd.	US 15-501 SB Ramp		332	A01	6	270		1	1	1	1			1					
275	05-1526		EXISTING	Page Rd.	Chin Page Rd.		43	B24	265	-		1	1	1	1			1				1	
276	05-1527		EXISTING	Page Rd.	Globe Rd.		48	B24	267	-		1	1	1	1			1				1	
277	05-1528		EXISTING	NC 55	Meridian Pkwy.		87	B20	221	271	1	1	1	1	1			1					
278	05-1530		EXISTING	Ellis Rd.	Ellis Research Center		185	B17	173	272		1	1	1	1			1					
279	05-1531		EXISTING	Ellis Rd.	NC 147 Ramps		184	B17	175	273	1	1	1	1	1			1					
280	05-1532		EXISTING	Ellis Rd.	Moore Dr. / Stone Lion Dr.		183	B17	172	274	1	1	1	1	1			1					
281	05-1539		EXISTING	TW Alexander Dr.	NC 147 NB Ramp		175	B17	176	275	1	1	1	1	1			1					
282	05-1540		EXISTING	TW Alexander Dr.	NC 147 SB Ramp		175	B17	170	276	1	1	1	1	1			1					
283	05-1563		EXISTING	Hilldale Rd.	Sprunt Av.	YES	443	A03	33	277	1	1	1	1	1			1					
284	05-1583		EXISTING	NC 55	TW Alexander Dr.		80	B20	215	278	1	1	1	1	1			1					
285	05-1597		EXISTING	Page Rd.	World Trade Blvd.		45	B24	266	279		1	1	1	1			1					
286	05-1600		EXISTING	Fayetteville St	Woodcroft Pkwy.		74	C32	306	280		1	1	1	1			1					
287	05-1634		EXISTING	Duke St.	I-85 NB Ramp		500	A08	103	281	1	1	1	1	1			1					
288	05-1635		EXISTING	University Dr.	MLK Jr. Pkwy.		218	C35	343	282		1	1	1	1			1					
289	05-1655		EXISTING	Holloway St.	Hoover Rd.		345	B16	160	283	1	1	1	1	1			1					
290	05-1659		EXISTING	Durham-Chapel Hill Blvd.	Shannon Rd.		257	C36	355	284	1	1	1	1	1			1					
291	05-1673		EXISTING	Old Chapel Hill Rd.	SW Durham Dr. / Farrington Rd.		209	C34	335	285		1	1	1	1			1					
292	05-1701		EXISTING	Holloway St.	Clayton Rd.		351	B16	157	286		1	1	1	1			1					
293	05-1717		EXISTING	Holloway St.	US 70 WB Ramp		122	B16	161	287	1	1	1	1	1			1					
294	05-1718		EXISTING	Erwin Rd.	Mt. Sinai Rd. / Lochnora Pkwy.		286	C36	361	288	1	1	1	1	2			1				1	
295	05-1724		EXISTING	NC 98 (Wake Forest Hwy)	Olive Branch Rd.		360	B16	152	289		1	1	1	1			1					
296	05-1727		EXISTING	NC 751 (Hope Valley Rd.)	Woodcroft Pkwy.		9	C33	314	290	1	1	1	1	1			1					
297	05-1744		EXISTING	NC 54	Huntingridge Rd.		1	C34	326	291	1	1	1	1	1			1					
298	05-1799		EXISTING	Old Oxford Rd.	Dearborn Dr.		569	A05	66	292	1	1	1	1	1			1					
299	05-1802		EXISTING	Erwin Rd.	Randolph Dr.		285	C36	360	293	1	1	1	1	1			1					
300	05-1854		EXISTING	Elizabeth St.	Holloway St.	YES	338	B22	242	294	1	1	1	1	1			1					

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Plans Prepared For:

 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 250 N. Greenfield Pkwy., Garner, NC 27529

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM


SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

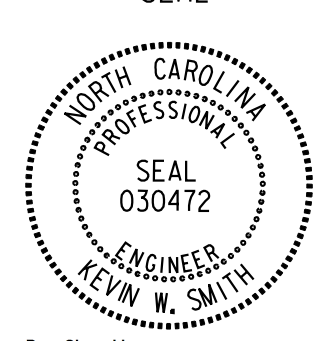
PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

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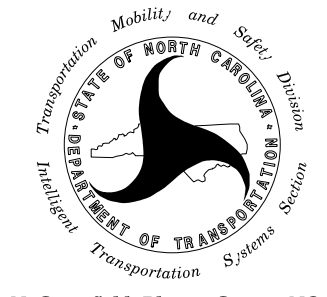
DocuSigned by:
 Kevin W. Smith
 12/21/2018
 DATE

CADD Filename:

Reference											Signal Cabinets												
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	34	34	32	32	31	31	33	33	-	35	-	64	
											Remove Existing Base Mounted Cabinet	Remove Existing Pole Mounted Cabinet	Install New Base Mounted 332 Cabinet	Install New Base Mounted 332 Cabinet with Aux File	Install New Pole Mounted 336S Cabinet	Install New Pole Mounted 336S Cabinet with Aux File	Install New Base Mounted 336S Cabinet	Install New Base Mounted 336S Cabinet with Aux File	Salvage Existing Painted Cabinet	Install Cabinet Base Adapter	Install Cabinet Base Extender	Install Terminal Splice Box	
301	05-1858		EXISTING	Davis Dr.	Hopson Rd.		110	B19	201	295	1			1								1	
302	05-1862		EXISTING	Cole Mill Rd.	Umstead Rd .		409	A02	16	296	1			1								1	
303	05-1867		EXISTING	Guess Rd.	Albany St.		491	A08	97	297	1			1								1	
304	05-1889		EXISTING	Fayetteville St.	Timothy Av.		386	B21	237	299	1			1								1	
305	05-1912		EXISTING	Cornwallis Rd.	US 15-501 Bypass SB Ramp		262	C36	363	300	1			1								1	
306	05-1913		EXISTING	Fayetteville St.	Buxton St.		252	B21	235	301	1			1								1	
307	05-1915		EXISTING	Garrett Rd.	Falls Mountain Wy.		226	C34	336	302	1			1								1	
308	05-1927		EXISTING	Hopson Rd.	EPA Entrance		112	B19	206	410	1			1								1	
309	05-1967		EXISTING	Fayetteville St.	Cecil St.	YES	381	C31	288	303	1			1								1	
310	05-1976		EXISTING	Fayetteville Rd.	Barbee Rd.		248	B21	232	304	1			1								1	
311	05-1977		EXISTING	NC 55	MLK Jr. Pkwy.		93	B21	225	305	1			1								1	
312	05-1978		EXISTING	Hope Valley Rd.	MLK Jr. Pkwy.		233	C35	347	306	1			1								1	
313	05-1979		EXISTING	Fayetteville Rd.	MLK Jr. Pkwy.		242	B21	233	307	1			1								1	
314	05-1980		EXISTING	MLK Jr. Pkwy.	Old Chapel Hill Rd.		230	C35	345	308	1			1								1	
315	05-2000		EXISTING	Page Rd.	Slater Rd.		37	B24	260	309	1			1								1	
316	05-2006		EXISTING	Roxboro St.	Frasier St.		553	A05	59	310	1			1								1	
317	05-2008		EXISTING	NC 54 (S. Miami Blvd.)	Page Rd. / Hopson Rd.		156	B18	184	311	1			1								1	
318	05-2010		EXISTING	Cheek Rd.	Muldee St. / Midland Terrace		118	A07	96	312	1			1								1	
319	05-2012		EXISTING	Geer St.	Midland Terrace		472	A07	91	313	1			1								1	
320	05-2013		EXISTING	Geer St.	Hardee St.		471	A07	92	314	1			1								1	
321	05-2015		EXISTING	Duke St.	Jackson St.	YES	463	A11	137	315	1			1								1	
322	05-2026		EXISTING	NC 751 (Hope Valley Rd.)	S. Roxboro St.		10	C33	313	316	1			1								1	
323	05-2027		EXISTING	Fayetteville St.	Elmira Av.		383	C31	286	317	1			1								1	
324	05-2048		EXISTING	S. Miami Blvd.	Chin Page Rd.		150	B18	188	318	1			1								1	
325	05-2066		EXISTING	Fayetteville St.	Massey Av.	YES	379	C31	290	319	1			1								1	
326	05-2087		EXISTING	TW Alexander Dr.	UNC TV Dr.		173	B17	168	320	1			1								1	
327	05-2093		EXISTING	Roxboro St.	I-85 SB Ramp		460	A06	76	321	1			1								1	
328	05-2094		EXISTING	Mineral Springs Rd.	Sherron Rd.		159	B24	274	322	1			1								1	
329	05-2096		EXISTING	Old Oxford Rd.	Belvin Av.		568	A05	68	324	1			1								1	
330	05-2097		EXISTING	NC 751	Renaissance Pkwy.		61	C33	319	325	1			1								1	
331	05-2102		EXISTING	Fayetteville Rd.	Renaissance Pkwy.		68	C32	302	326	1			1								1	
332	05-2104		EXISTING	Garrett Rd	Trotter Ridge Rd.		575	C33	-	327	1			1								1	
333	05-2111		EXISTING	NC 54	Quadrangle Dr. / Leigh Farm Rd.		3	C33	325	328	1			1								1	
334	05-2115		EXISTING	Cornwallis Rd.	Northeast Creek Pkwy.		104	B21	226	329	1			1								1	
335	05-2116		EXISTING	Ellis Rd.	So-Hi Dr.		182	B17	171	330	1			1								1	
336	05-2121		EXISTING	Club Blvd.	Dearborn Dr.		572	A07	-	331	1			1								1	
337	05-2137		EXISTING	Emperor Blvd.	Slater Rd.		56	B24	261	332	1			1								1	
338	05-2154		EXISTING	Cole Mill Rd.	Sparger Rd.		412	A02	17	333	1			1								1	
339	05-2156		EXISTING	NC 55	Allendown Dr.		85	B20	217	334	1			1								1	
340	05-2165		EXISTING	MLK Jr. Pkwy.	Dixon Rd.		232	C35	346	335	1			1								1	
341	05-2169		EXISTING	Hilldale Rd.	I-85 SB Ramp		445	A03	35	336	1			1								1	
342	05-2170		EXISTING	Caner St.	Rose of Sharon Rd.		417	A02	20	337		1			1							1	1
343	05-2188		EXISTING	Fayetteville Rd.	Hemdon Rd.		69	C32	304	340	1			1							1		
344	05-2202		EXISTING	NC 751	Southpoint Autopark Blvd.		59	C33	322	341	1			1								1	
345	05-2212		EXISTING	Durham-Chapel Hill Blvd.	SW Durham Dr.		205	C34	333	342	1			1								1	
346	05-2223		EXISTING	Fayetteville Rd.	Crooked Creek Pkwy.		71	C32	308	343	1			1								1	
347	05-2238		EXISTING	Fayetteville Rd.	Geneva Dr.		73	C32	307	344	1			1								1	
348	05-2243		EXISTING	Duke St.	Frasier St.		529	A04	48	345	1			1								1	
349	05-2251		EXISTING	NC 751 (Cameron Blvd.)	US 15-501 NB Ramp		266	C36	365	346	1			1								1	
350	05-2261		EXISTING	NC 55	Hopson Rd.		78	B20	214	347	1			1								1	

12/20/2018 K:\ARL_TPTD_ITS_01036410 - Durham Signal System\Plans\Details\U-5968_ITS_posn_49(sow).dgn

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Plans Prepared For:
 NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 Transportation System Division

CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM

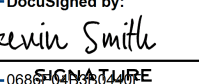
SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

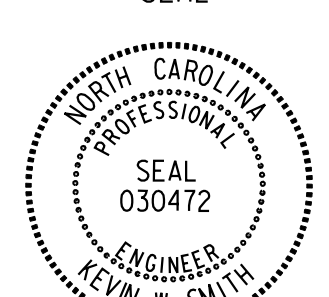
PLAN DATE: DEC 2018 REVIEWED BY:

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

DocuSigned by:

 12/21/2018

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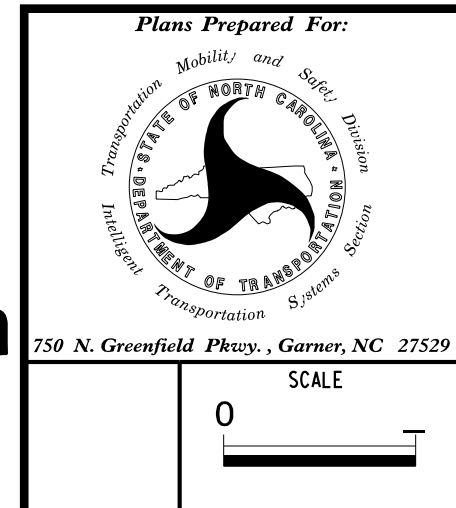


SEAL
 NORTH CAROLINA
 PROFESSIONAL ENGINEER
 KEVIN W. SMITH
 030472

Reference											Cabinet Foundations						Controllers		Preemption			
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Reuse Existing Signal Cabinet Foundation	Rotate Existing Signal Cabinet Orientation 180 Degrees	Modify Existing Signal Cabinet Foundation	Remove Existing Signal Cabinet Foundation	Install New Signal Cabinet Foundation (Same Quadrant)	Install New Signal Cabinet Foundation (Different Quadrant)	Remove Existing Local Controller	Install New 2070LX Local Controller	Reuse Existing Video Detection Equipment	Install New Emergency Vehicle Preemption Equipment	Reuse Existing Overheight Preemption Equipment	Reuse Existing Railroad Preemption Equipment
301	05-1858		EXISTING	Davis Dr.	Hopson Rd.		110	B19	201	295	1						1	1				
302	05-1862		EXISTING	Cole Mill Rd.	Umstead Rd.		409	A02	16	296	1						1	1				
303	05-1867		EXISTING	Guess Rd.	Albany St.		491	A08	97	297	1						1	1				
304	05-1889		EXISTING	Fayetteville St.	Timothy Av.		386	B21	237	299	1						1	1		1		
305	05-1912		EXISTING	Cornwallis Rd.	US 15-501 Bypass SB Ramp		262	C36	363	300	1						1	1				
306	05-1913		EXISTING	Fayetteville St.	Buxton St.		252	B21	235	301	1						1	1		1		
307	05-1915		EXISTING	Garrett Rd.	Falls Mountain Wy.		226	C34	336	302	1						1	1				
308	05-1927		EXISTING	Hopson Rd.	EPA Entrance		112	B19	206	410	1						1	1				
309	05-1967		EXISTING	Fayetteville St.	Cecil St.	YES	381	C31	288	303		1					1	1		1		
310	05-1976		EXISTING	Fayetteville Rd.	Barbee Rd.		248	B21	232	304	1						1	1				
311	05-1977		EXISTING	NC 55	MLK Jr. Pkwy.		93	B21	225	305	1						1	1		1		
312	05-1978		EXISTING	Hope Valley Rd.	MLK Jr. Pkwy.		233	C35	347	306	1						1	1				
313	05-1979		EXISTING	Fayetteville Rd.	MLK Jr. Pkwy.		242	B21	233	307	1						1	1				
314	05-1980		EXISTING	MLK Jr. Pkwy.	Old Chapel Hill Rd.		230	C35	345	308	1						1	1				
315	05-2000		EXISTING	Page Rd.	Slater Rd.		37	B24	260	309	1						1	1				
316	05-2006		EXISTING	Roxboro St.	Frasier St.		553	A05	59	310			1				1	1		1		
317	05-2008		EXISTING	NC 54 (S. Miami Blvd.)	Page Rd. / Hopson Rd.		156	B18	184	311	1						1	1				
318	05-2010		EXISTING	Cheek Rd.	Muldee St. / Midland Terrace		118	A07	96	312		1					1	1				
319	05-2012		EXISTING	Geer St.	Midland Terrace		472	A07	91	313		1					1	1				
320	05-2013		EXISTING	Geer St.	Hardee St.		471	A07	92	314		1					1	1				
321	05-2015		EXISTING	Duke St.	Jackson St.	YES	463	A11	137	315		1					1	1				
322	05-2026		EXISTING	NC 751 (Hope Valley Rd.)	S. Roxboro St.		10	C33	313	316	1						1	1		1		
323	05-2027		EXISTING	Fayetteville St.	Elmira Av.		383	C31	286	317	1						1	1		1		
324	05-2048		EXISTING	S. Miami Blvd.	Chin Page Rd.		150	B18	188	318			1				1	1		1		
325	05-2066		EXISTING	Fayetteville St.	Massey Av.	YES	379	C31	290	319	1						1	1				
326	05-2087		EXISTING	TW Alexander Dr.	UNC TV Dr.		173	B17	168	320	1						1	1				
327	05-2093		EXISTING	Roxboro St.	I-85 SB Ramp		460	A06	76	321	1						1	1				
328	05-2094		EXISTING	Mineral Springs Rd.	Sherron Rd.		159	B24	274	322	1						1	1				
329	05-2096		EXISTING	Old Oxford Rd.	Belvin Av.		568	A05	68	324	1						1	1				
330	05-2097		EXISTING	NC 751	Renaissance Pkwy.		61	C33	319	325	1						1	1				
331	05-2102		EXISTING	Fayetteville Rd.	Renaissance Pkwy.		68	C32	302	326	1						1	1				
332	05-2104		EXISTING	Garrett Rd.	Trotter Ridge Rd.		575	C33	-	327	1						1	1				
333	05-2111		EXISTING	NC 54	Quadrangle Dr. / Leigh Farm Rd.		3	C33	325	328	1						1	1		1		
334	05-2115		EXISTING	Cornwallis Rd.	Northeast Creek Pkwy.		104	B21	226	329	1						1	1				
335	05-2116		EXISTING	Ellis Rd.	So-Hi Dr.		182	B17	171	330	1						1	1				
336	05-2121		EXISTING	Club Blvd.	Dearborn Dr.		572	A07	-	331			1				1	1				
337	05-2137		EXISTING	Emperor Blvd.	Slater Rd.		56	B24	261	332	1						1	1				
338	05-2154		EXISTING	Cole Mill Rd.	Sparger Rd.		412	A02	17	333	1						1	1				
339	05-2156		EXISTING	NC 55	Allendown Dr.		85	B20	217	334	1						1	1		1		
340	05-2165		EXISTING	MLK Jr. Pkwy.	Dixon Rd.		232	C35	346	335	1						1	1				
341	05-2169		EXISTING	Hilldale Rd.	I-85 SB Ramp		445	A03	35	336	1						1	1		1		
342	05-2170		EXISTING	Caner St.	Rose of Sharon Rd.		417	A02	20	337				1			1	1				
343	05-2188		EXISTING	Fayetteville Rd.	Herndon Rd.		69	C32	304	340	1						1	1				
344	05-2202		EXISTING	NC 751	Southpoint Autopark Blvd.		59	C33	322	341	1						1	1				
345	05-2212		EXISTING	Durham-Chapel Hill Blvd.	SW Durham Dr.		205	C34	333	342	1						1	1				
346	05-2223		EXISTING	Fayetteville Rd.	Crooked Creek Pkwy.		71	C32	308	343	1						1	1				
347	05-2238		EXISTING	Fayetteville Rd.	Geneva Dr.		73	C32	307	344	1						1	1				
348	05-2243		EXISTING	Duke St.	Frasier St.		529	A04	48	345	1						1	1		1		
349	05-2251		EXISTING	NC 751 (Cameron Blvd.)	US 15-501 NB Ramp		266	C36	365	346	1						1	1				
350	05-2261		EXISTING	NC 55	Hopson Rd.		78	B20	214	347	1						1	1				

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CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM
SUMMARY OF WORK BY INTERSECTION

DIVISION 05 DURHAM COUNTY

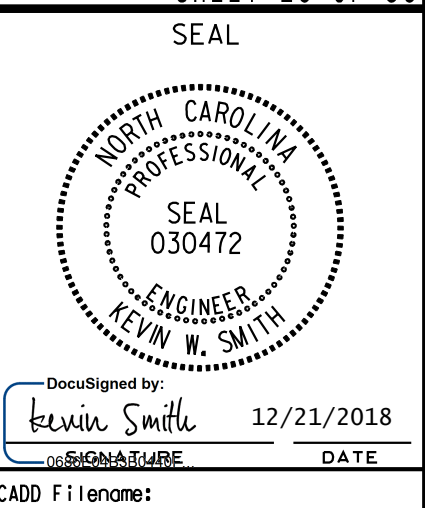
PLAN DATE: DEC 2018 REVIEWED BY: J. CROSS

PREPARED BY: J. CROSS REVIEWED BY: K. SMITH

REVISIONS	INIT.	DATE

DocuSigned by: **Kevin W. Smith** 12/21/2018


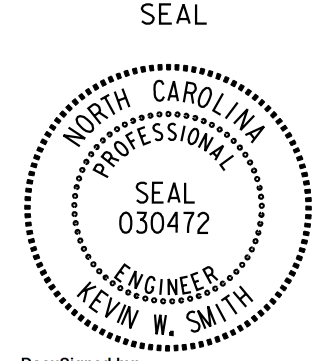
CADD Filename: _____



Reference											Electrical Service					Conduit and Risers										
No.	State ID	City ID	Status	Street 1	Street 2	Located Within Designated Historic District	Cable Routing Sheet No.	Comm Group No.	Splice Detail Sheet No.	Signal Plan Sheet No.	Install New Electrical Service	Modify Existing Electrical Service (New Disconnect)	Modify Existing Electrical Service (New Meter)	Remove Existing Electrical Service	Install New Base Adapter with Electrical Combination Panel	Reuse Existing Base Adapter with Electrical Combination Panel	Install New 2" Riser with Heat Shrink Tubing	Reuse Existing Riser with Heat Shrink Tubing	Reuse Existing Metal Pole Riser Raceway	Install New Riser Entrance into Cabinet Foundation	Install New Conduit Entrance into Cabinet Foundation	Reuse Existing Conduit Entrance into Cabinet Foundation	Install New Riser into Pole Mounted Cabinet	Reuse Existing Conduit into Pole Mounted Cabinet	Install New Conduit into Pole Mounted Cabinet	
301	05-1858		EXISTING	Davis Dr.	Hopson Rd.		110	B19	201	295																
302	05-1862		EXISTING	Cole Mill Rd.	Umstead Rd.		409	A02	16	296												1				
303	05-1867		EXISTING	Guess Rd.	Albany St.		491	A08	97	297													1			
304	05-1889		EXISTING	Fayetteville St.	Timothy Av.		386	B21	237	299																
305	05-1912		EXISTING	Cornwallis Rd.	US 15-501 Bypass SB Ramp		262	C36	363	300																
306	05-1913		EXISTING	Fayetteville St.	Buxton St.		252	B21	235	301																
307	05-1915		EXISTING	Garrett Rd.	Falls Mountain Wy.		226	C34	336	302																
308	05-1927		EXISTING	Hopson Rd.	EPA Entrance		112	B19	206	410																
309	05-1967		EXISTING	Fayetteville St.	Cecil St.	YES	381	C31	288	303																
310	05-1976		EXISTING	Fayetteville Rd.	Barbee Rd.		248	B21	232	304																
311	05-1977		EXISTING	NC 55	MLK Jr. Pkwy.		93	B21	225	305																
312	05-1978		EXISTING	Hope Valley Rd.	MLK Jr. Pkwy.		233	C35	347	306																
313	05-1979		EXISTING	Fayetteville Rd.	MLK Jr. Pkwy.		242	B21	233	307																
314	05-1980		EXISTING	MLK Jr. Pkwy.	Old Chapel Hill Rd.		230	C35	345	308																
315	05-2000		EXISTING	Page Rd.	Slater Rd.		37	B24	260	309																
316	05-2006		EXISTING	Roxboro St.	Frasier St.		553	A05	59	310																
317	05-2008		EXISTING	NC 54 (S. Miami Blvd.)	Page Rd. / Hopson Rd.		156	B18	184	311																
318	05-2010		EXISTING	Cheek Rd.	Muldee St. / Midland Terrace		118	A07	96	312																
319	05-2012		EXISTING	Geer St.	Midland Terrace		472	A07	91	313																
320	05-2013		EXISTING	Geer St.	Hardee St.		471	A07	92	314																
321	05-2015		EXISTING	Duke St.	Jackson St.	YES	463	A11	137	315																
322	05-2026		EXISTING	NC 751 (Hope Valley Rd.)	S. Roxboro St.		10	C33	313	316																
323	05-2027		EXISTING	Fayetteville St.	Elmira Av.		383	C31	286	317																
324	05-2048		EXISTING	S. Miami Blvd.	Chin Page Rd.		150	B18	188	318																
325	05-2066		EXISTING	Fayetteville St.	Massey Av.	YES	379	C31	290	319																
326	05-2087		EXISTING	TW Alexander Dr.	UNC TV Dr.		173	B17	168	320																
327	05-2093		EXISTING	Roxboro St.	I-85 SB Ramp		460	A06	76	321																
328	05-2094		EXISTING	Mineral Springs Rd.	Sherron Rd.		159	B24	274	322																
329	05-2096		EXISTING	Old Oxford Rd.	Belvin Av.		568	A05	68	324																
330	05-2097		EXISTING	NC 751	Renaissance Pkwy.		61	C33	319	325																
331	05-2102		EXISTING	Fayetteville Rd.	Renaissance Pkwy.		68	C32	302	326																
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333	05-2111		EXISTING	NC 54	Quadrangle Dr. / Leigh Farm Rd.		3	C33	325	328																
334	05-2115		EXISTING	Cornwallis Rd.	Northeast Creek Pkwy.		104	B21	226	329																
335	05-2116		EXISTING	Ellis Rd.	So-Hi Dr.		182	B17	171	330																
336	05-2121		EXISTING	Club Blvd.	Dearborn Dr.		572	A07	-	331																
337	05-2137		EXISTING	Emperor Blvd.	Slater Rd.		56	B24	261	332																
338	05-2154		EXISTING	Cole Mill Rd.	Sparger Rd.		412	A02	17	333																
339	05-2156		EXISTING	NC 55	Allendown Dr.		85	B20	217	334																
340	05-2165		EXISTING	MLK Jr. Pkwy.	Dixon Rd.		232	C35	346	335																
341	05-2169		EXISTING	Hillandale Rd.	I-85 SB Ramp		445	A03	35	336																
342	05-2170		EXISTING	Carver St.	Rose of Sharon Rd.		417	A02	20	337																
343	05-2188		EXISTING	Fayetteville Rd.	Hemdon Rd.		69	C32	304	340																
344	05-2202		EXISTING	NC 751	Southpoint Autopark Blvd.		59	C33	322	341																
345	05-2212		EXISTING	Durham-Chapel Hill Blvd.	SW Durham Dr.		205	C34	333	342																
346	05-2223		EXISTING	Fayetteville Rd.	Crooked Creek Pkwy.		71	C32	308	343																
347	05-2238		EXISTING	Fayetteville Rd.	Geneva Dr.		73	C32	307	344																
348	05-2243		EXISTING	Duke St.	Frasier St.		529	A04	48	345																
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350	05-2261		EXISTING	NC 55	Hopson Rd.		78	B20	214	347																

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	CITY OF DURHAM COMPUTERIZED SIGNAL SYSTEM SUMMARY OF WORK BY INTERSECTION		
	DIVISION 05 PLAN DATE: DEC 2018 PREPARED BY: J. CROSS	DURHAM COUNTY REVIEWED BY: K. SMITH REVISIONS: _____ INIT. DATE: _____	