

# SUMMARY OF WORK BY INTERSECTION

Reference Information					*Conduit and Riser Work													Power Service																
NCDOT / City Signal Inv. No.	Intersection Name	Cable Layout Sheet Number	Signal Design Sheet Number	In / near historically significant area (see box note at bottom of page)	Drill / Core Drill for 1" for New Power Service	Drill / Core Drill for 2" for FO or CAT5/24VAC	Reuse Ex. 1" (pole) or 2" (base) ST Dedicated Riser for Comm (Retrofit Kit)	Reuse Ex. 2" (or 3") Dedicated Conduit Entrance for UG Comm	Use 2" Spare Conduit for UG Comm	New 2" Riser (HST) for Comm	New 1-1/4" Riser (HST) for Comm to pole mid cabinet	New UG Conduit for Comm Entrance	New Cabinet Entrance in New Foundation for Comm	New 1/2" Risers (WH) for Sig - Pedestrian Push Buttons	New 1" Risers (WH) for Sig - New Electrical Service	New 2" Risers (WH) for Sig - New Foundation Location	New 2" Risers (WH) for System Detector	New 2" Risers (WH) for Sig (replace existing)	New UG conduit to new foundation location for Sig	New 2" short Risers for Sig (from terminal splice box or from UG)	Modify Existing Power Service - Install New Service Wires in Existing Conduit	Modify Existing Power Service - Install New Service Wires in New Conduit	Power Company to Provide Meter	Modify Existing Disconnect for New CCTV Power Service #	Install Service Disconnect by Signal Cabinet	Remove Backup Generator Equipment	Install Backup Generator connection	Install 5/8" x 10' Grounding Electrode	Install New Electrical Service					
49	13-0245	US 25 (McDowell Street) at Choctaw Street	6.282	50.0		1				1																								
50	13-0246	US 25 (McDowell Street) / Asheland Avenue at Southside Avenue / Phifer Street	6.282	51.0						1		1																						
51	13-0247	US 25 (Southside Avenue) at Short Coxie Avenue / Coxie Avenue	6.283	52.0							1																							
52	13-0248	US 25 (Biltmore Avenue) at SR 3214 (Charlotte Street) / Southside Avenue	6.052	53.0							1																							
53	13-0249	US 25 (Biltmore Avenue) at Hilliard Avenue	6.175	54.0	Y					1																								
54	13-0250	US 25 (Biltmore Avenue) at Aston Street	6.053	55.0	Y																													
55	13-0251	US 25 (Broadway) at Walnut Street	6.054	56.0	Y																													
56	13-0252	US 25 (Broadway) at Woodfin Street	6.054	57.0	Y				1																									
57	13-0253	Woodfin Street at I-240 EB On Ramp / Market Street	6.054	58.0	Y				1																									
58	13-0255	US 70 (Charlotte Street) at I-240 EB/WB Ramp	6.287	59.0						1							2																	
59	13-0263	US 19-23 74A (Patton Avenue) at SR 3548 (Clingman Avenue)	6.276	60.0						1																								
60	13-0264	US 70-74A (College Street) at NC 694 (Town Mountain Road) / Martin Luther King Jr. Drive	6.291	61.0								1																						
61	13-0267	US 25 (Broadway Street) at College Street	6.053	62.0	Y																													
62	13-0271	US 25 (Biltmore Avenue) at North Pack Square	6.053	63.0	Y																													
63	13-0276	US 19-23 74A (Patton Avenue) at Deaverview Road	6.155	64.0					1																									
64	13-0277	SR 1781 (Broadway) at Chestnut Street / Mt. Clare Avenue	6.063	65.0								1																						
65	13-0278	US 19-23 SB Ramps / I-26 EB Ramps at NC 251 (Riverside Drive)	6.068	66.0							1																							
66	13-0279	US 70 (Tunnel Road) at Oteen Church Road	6.200	67.0								1												1										
67	13-0280	SR 1674 (Elkwood Avenue at SR 1684 (Elk Mountain Road)	6.072	68.0								1																						
68	13-0282	US 19-23 (Smokey Park Highway) at NC 112 (Sand Hill Road) / Asbury Road	6.233	69.0								1					2																	
69	13-0284	US 25 (Hendersonville Road) at NC 146 (Long Shoals Road)	6.109	70.0						1																								
70	13-0285	US 25 (Hendersonville Road) at NC 280 (Airport Road) / US25A (Sweeten Creek Road)	6.018	71.0								1																						
71	13-0286	US 25A (Sweeten Creek Road) at SR 3116 (Mills Gap Road)	6.268	72.0								1																						
72	13-0288	NC 81 (Swannanoa River Road) at US 74A (Fairview Road)	6.219	73.0	Y		1										3													1				

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\*\* Replace Asphalt will be paid for under the same pay item as concrete sidewalk. See Project Special Provisions.


- Work shown on this sheet is for the upgrade of the traffic signals, including installation of new controllers and cabinets, new or modified foundations, electrical service and miscellaneous signal related items. Additional information can be found in the signal plans in this Volume. Work to be done for fiber-optic cable routing and interconnection is shown on the cable layout plans and on the sheets entitled "Summary of Work by Cable Layout Plans" in Volume I of III.
- The items listed above are for informational purposes only and represent work that is necessary to complete the contract and are not necessarily pay items. See Summary of Quantities and the Project Special Provisions for defined Pay Items for this contract.

This area has been determined to contain properties with documented historic significance. If it is necessary to deviate from these plans in this area, alert the Engineer to contact Project Development and Environmental Analysis Branch - Historic Architecture Group of the North Carolina Department of Transportation for an effects determination before proceeding.

**ATKINS** 1616 EAST MILLBROOK ROAD, SUITE 160  
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(919) 876-6888 NCBEEES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared for the Offices of:



**NC**  
Transportation

750 Greenfield Parkway, Garner, NC 27529

Asheville Signal System  
Summary of Work by  
Intersection (sheet 2 of 3)

Division 13 Buncombe County Asheville

PLAN DATE: December 2016 REVIEWED BY: M B Toth

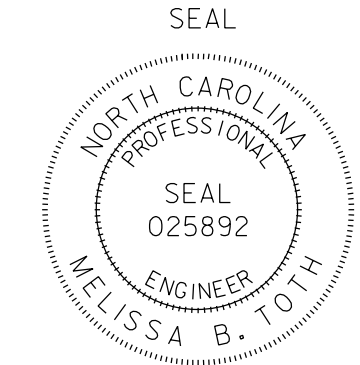
PREPARED BY: J A Wiles REVIEWED BY:

REVISIONS

INIT. DATE

NA

SEAL



Discussed by: Melissa B. Toth 12/21/2016  
DATE

CADD Filename: SIG 1.00L.dgn