



16E

16	BL 7,8
16*	BL 9,10
4	24

16D

1	BL 1,2
2	BL 3,4
3	BL 5,6
15	GR 5,6
16	GR 7,8
19	BR 1,2
20	BR 3,4
21	BR 5,6
D1	BR 7,8
D2	BR 9,10
20	60

16A

1	BL 1,2
2	BL 3,4
3	BL 5,6
15	GR 5,6
16	GR 7,8
19	BR 1,2
20	BR 3,4
21	BR 5,6
D1	BR 7,8
D2	BR 9,10
20	60

4A

1	BL 1,2
2	BL 3,4
3	BL 5,6
4	BL 7,8
5	BL 9,10
6	BL 11,12
7	OR 1,2
8	OR 3,4
9	OR 5,6
10	OR 7,8
11	OR 9,10
12	OR 11,12
13	GR 1,2
14	GR 3,4
15	GR 5,6
16	GR 7,8
17	GR 9,10
18	GR 11,12
19	BR 1,2
20	BR 3,4
21	BR 5,6
D1	BR 7,8
D2	BR 9,10
46	96

4C

1	BL 1,2
2	BL 3,4
3	BL 5,6
4	BL 7,8
5	BL 9,10
6	BL 11,12
7	OR 1,2
8	OR 3,4
9	OR 5,6
10	OR 7,8
11	OR 9,10
12	OR 11,12
13	GR 1,2
14	GR 3,4
15	GR 5,6
16	GR 7,8
17	GR 9,10
18	GR 11,12
19	BR 1,2
20	BR 3,4
21	BR 5,6
D1	BR 7,8
D2	BR 9,10
46	96

4D

4	BL 7,8
5	BL 9,10
6	BL 11,12
7	OR 1,2
8	OR 3,4
9	OR 5,6
10	OR 7,8
11	OR 9,10
12	OR 11,12
13	GR 1,2
14	GR 3,4
17	GR 9,10
18	GR 11,12
26	60

4B

4	BL 7,8
4*	BL 9,10
4	24

**LEGEND**

- (S) CABLE-TO-CABLE SPLICE
- (F) END OF CABLE SPLICE (FOR FUTURE SIGNAL)
- ☒ DROP SPLICE TO SIGNAL CABINET
- ☒ DROP SPLICE TO CCTV
- ☒ DROP SPLICE TO SIGNAL CABINET (SHARED SWITCH WITH CCTV)
- NEW FIBER-OPTIC CABLE
- - - - EXISTING FIBER-OPTIC CABLE BY OTHERS
- S#-### SPLICE NUMBER
- COA-### CITY SIGNAL INVENTORY NUMBER
- 13-#### STATE SIGNAL INVENTORY NUMBER

**RING I.D.**

20	OR 1,2
20*	OR 3,4
21	OR 7,8
21*	OR 9,10
8	36

**FIBERS USED FOR EACH RING**

**TOTAL FIBERS IN CABLE**

**LIT FIBERS IN CABLE**

\* DENOTES SECONDARY PATH

**RING ID SUFFIX:**

- F INDICATES RING ID ROUTE AND FIBER ALLOCATION FOR FUTURE FIBER NETWORK EXPANSION. FIBERS NOT LIT IN THIS PROJECT.
- T INDICATES TEMPORARY RING ID ROUTE AND FIBER ALLOCATION BEFORE FUTURE FIBER NETWORK EXPANSION. FIBERS TO BE LIT IN THIS PROJECT.

**NOTES:**

1. EXISTING FIBER-OPTIC CABLE THAT IS NOT USED IS NOT SHOWN.

**ATKINS** 1616 EAST MILLBROOK ROAD, SUITE 310  
RALEIGH, NORTH CAROLINA 27609  
(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 Comms. Cable Schematic (8 of 9)**

Division 13 Buncombe County Asheville

PLAN DATE: December 2016 REVIEWED BY: H A Badgett  
PREPARED BY: G B Spell REVIEWED BY: J T Brooks

SCALE: N.T.S.

REVISIONS: INIT. DATE

Seal: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 019962  
ALFRED BADGETT

1/17/2017

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