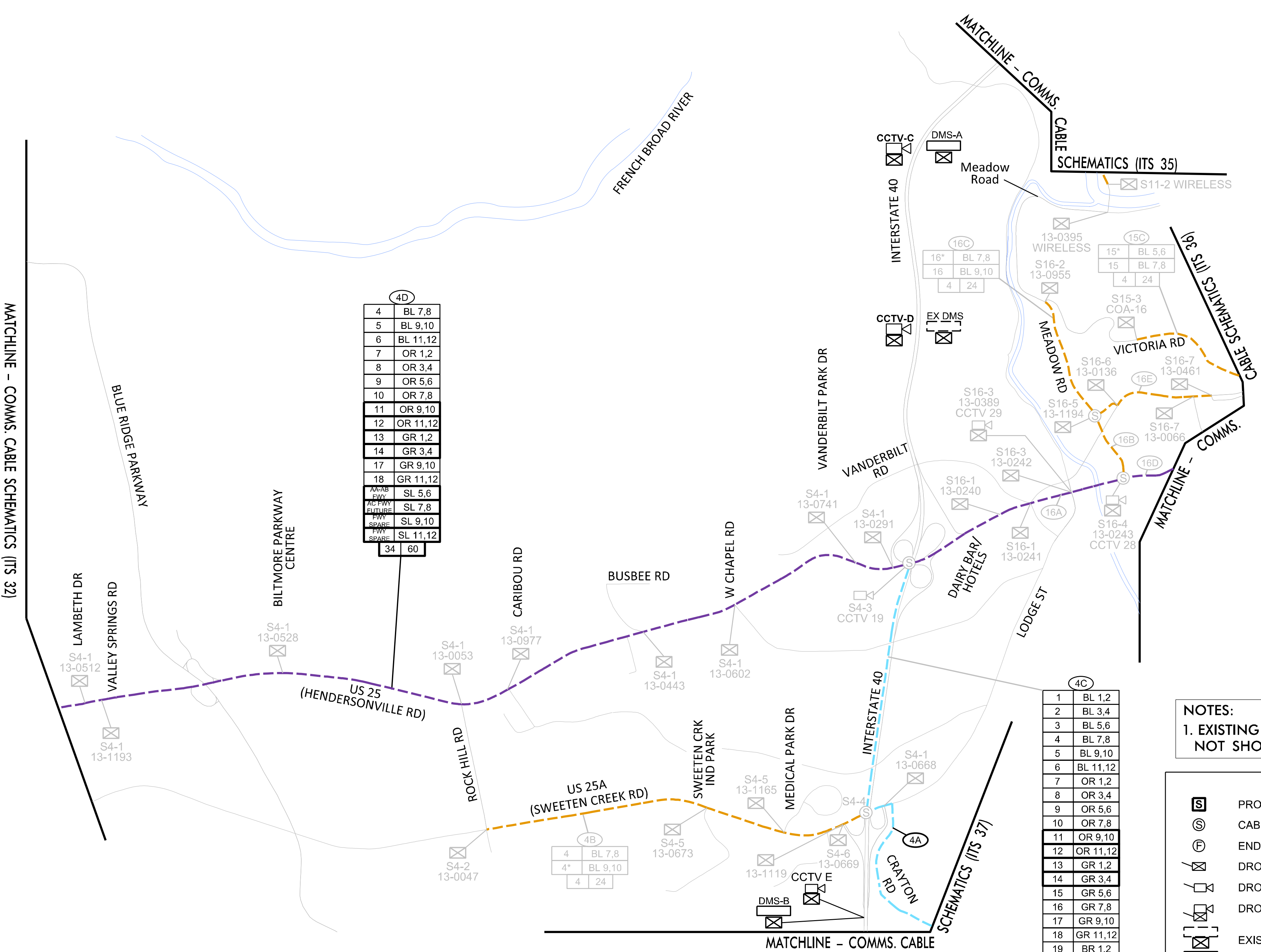


MATCHLINE - COMMS. CABLE SCHEMATICS (ITS 32)



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
AAAB FWY	SL 5,6
AC FWY	SL 7,8
FTL/USE	SL 9,10
FWY SPARE	SL 11,12
34	60

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
AAAB FWY	SL 5,6
AC FWY	SL 7,8
FTL/USE	SL 9,10
FWY SPARE	SL 11,12
54	96

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
AAAB FWY	SL 5,6
AC FWY	SL 7,8
FTL/USE	SL 9,10
FWY SPARE	SL 11,12
54	96

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

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

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

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

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

INV. NO.	MINOR STREET NAME
COA-16	FERNIHURST DR
13-0136	SHORT MCDOWELL ST
13-0241	VANDERBILT RD/ ALL SOULS CRESCENT
13-1194	SHORT MCDOWELL ST

**LEGEND**

- PROPOSED/MODIFIED CABLE-TO-CABLE SPLICE
- CABLE-TO-CABLE SPLICE
- 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)
- EXISTING DMS BOARD
- PROPOSED DMS BOARD
- EXISTING 24-COUNT FIBER-OPTIC CABLE
- EXISTING 60-COUNT FIBER-OPTIC CABLE
- EXISTING 96-COUNT FIBER-OPTIC CABLE
- S#-### SPLICE NUMBER
- COA-#### CITY SIGNAL INVENTORY NUMBER
- 13-#### STATE SIGNAL INVENTORY NUMBER

**RING I.D. 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.

**LEGEND (Cable Allocation):**

CABLE NUMBER: 20G

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

**EXULT ENGINEERING**

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Plans Prepared For:  
**STATE OF NORTH CAROLINA**  
DEPARTMENT OF TRANSPORTATION

250 N. Greenfield Place, Garner, NC 27529

**I-2513 Splice Schematic**

DIVISION 13 BUNCOMBE COUNTY ASHEVILLE

PLAN DATE: JANUARY 2024 REVIEWED BY: T. HONEYCUTT

PREPARED BY: M. STANLEY REVIEWED BY: C. DAGERHARDT

REVISIONS	INIT.	DATE

SEAL

**NORTH CAROLINA PROFESSIONAL ENGINEER**

SEAL 043814

TAYLOR A. HONEYCUTT

SIGNATURE DATE