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HINDE ENGINEERING
License No. C-2639
401 Harrison Oaks Blvd., Suite 145 Cary, NC 27513

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PROJECT REFERENCE NO.	SHEET NO.
U-5839	UC-6A
DESIGNED BY: CDB	
DRAWN BY: ASW	
CHECKED BY: CLS	
APPROVED BY: CDB	
REVISED:	

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
UTILITIES ENGINEERING SEC.
PHONE:(919)707-6690
FAX:(919)250-4151

NORTH CAROLINA PROFESSIONAL SEAL 042018 ENGINEER CASEY D BOUSQUET
DocuSigned by: Casey D. Bousquet, PE
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3/9/2023

UTILITY CONSTRUCTION PLANS ONLY

CONDUIT PLANS

UTILITY CONSTRUCTION

SPECTRUM 1-4″ CONDUIT
80′ PVC, SCH. 40

AT&T 2-4″ CONDUITS
160′ PVC, SCH. 40

AT&T 1-4″ CONDUIT
85′ PVC, SCH. 40

SPECTRUM 1-4″ CONDUIT
80′ PVC, SCH. 40

TOW 1-4″ CONDUIT
100′ PVC, SCH. 40

TOW 1-2″ CONDUIT
255′ PVC, SCH. 40

NCDOT SIGNAL 2-2″ CONDUITS
1070′ PVC, SCH. 40

AT&T WILL MAKE THE FINAL CONNECTIONS FROM THE PROPOSED CONDUITS ON THE BRIDGE TO THE EXISTING CONDUITS

TOW 1-2″ CONDUIT
80′ PVC, SCH. 40

AT&T BRIDGE ATTACHMENT
SEE STRUCTURE UTILITIES PLANS FOR PVC CONDUIT ATTACHMENTS

SPECTRUM 1-2″ CONDUIT
150′ PVC, SCH. 40

AT&T 2-2″ CONDUITS
150′ PVC, SCH. 40

TOW 1-4″ CONDUIT
10′ PVC, SCH. 40

AT&T 2-4″ CONDUITS
605′ PVC, SCH. 40

SPECTRUM 1-4″ CONDUIT
290′ PVC, SCH. 40

SPECTRUM 1-4″ CONDUIT
240′ PVC, SCH. 40

AT&T 2-4″ CONDUITS
470′ PVC, SCH. 40

TOW 2-6″ CONDUIT
510′ PVC, SCH. 40

TOW 2-4″ CONDUIT
160′ PVC, SCH. 40

AT&T 2-4″ CONDUITS
160′ PVC, SCH. 40
SPECTRUM 1-4″ CONDUIT
70′ PVC, SCH. 40

DUCT BANK CONFIGUATION

15
- 2-2″ PVC NCDOT COMUNICATION CONDUIT
- 1-2″ PVC TOW POWER CONDUIT
- 2-6″ AND PVC TOW POWER CONDUITS
- 2-4″ PVC AT&T COMMUNICATION CONDUITS
- 1-4″ PVC SPECTRUM COMUNICATION CONDUIT
- 2-2″ PVC AT&T COMMUNICATION CONDUITS
- 1-2″ PVC SPECTRUM COMUNICATION CONDUIT

12″ | 12″ 6″ 6″ 6″

16
- 2-2″ PVC NCDOT COMUNICATION CONDUIT
- 1-2″ PVC TOW POWER CONDUIT
- 2-6″ AND PVC TOW POWER CONDUITS
- 2-4″ PVC AT&T COMMUNICATION CONDUITS
- 1-4″ PVC SPECTRUM COMUNICATION CONDUIT

12″ | 12″ 6″

17
- 2-2″ PVC NCDOT COMUNICATION CONDUIT
- 2-6″ AND PVC TOW POWER CONDUITS
- 2-4″ PVC AT&T COMMUNICATION CONDUITS
- 1-4″ PVC SPECTRUM COMUNICATION CONDUIT

12″ | 12″ 6″

DUCT BANK CONFIGUATION

12
- 2-2″ PVC NCDOT SIGNAL COMUNICATION CONDUIT
- 2-6″ PVC TOW POWER CONDUITS
- 2-2″ PVC TOW POWER CONDUITS
- 2-4″ PVC AT&T COMMUNICATION CONDUITS
- 1-4″ PVC SPECTRUM COMUNICATION CONDUIT

VAR. 12″ MIN. | VAR. 12″ MIN. | VAR. 6″ MIN.

13
- 2-4″ PVC TOW POWER CONDUITS
- 2-4″ PVC AT&T COMMUNICATION CONDUITS
- 1-4″ PVC SPECTRUM COMUNICATION CONDUIT

VAR. 12″ MIN. | VAR. 6″ MIN.

14
- 1-4″ PVC SPECTRUM COMUNICATION CONDUIT
- 1-4″ PVC AT&T COMMUNICATION CONDUITS
- 1-4″ PVC TOW POWER CONDUIT

6″ | 12″

-L- STA. 19+25 SEE SHEET UC-55

MATCHLINE -L- STA. 24+50

NAD 83/95

-L- -WALNUT ST-

-L- -RUSS AVE-

-Y5- -WALNUT ST-

-Y6-

BEGIN CONSTRUCTION POT Sta.14+63.00

BEGIN APPROACH SLAB -L- POC STA.23+48.06

BEGIN BRIDGE POC STA.23+71.86

END CONSTRUCTION Sta.12+03.00

PC Sta.11+26.28

Sta.23+ PT Sta. N

REMOVE 5 LF

09-MAR-2023 15:22
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$$$$ICFINAME$$$$