PROJECT REFERENCE NO.	SHEET NO.
I-4400BB	ITS-19

530+00

535+00

MATCHLINE - SEE SHEET ITS-18

MATCHLINE - SEE SHEET ITS-20

-L- I-26/US 25/US 74

DRAWING 1

NEW ELECTRICAL SERVICE EQUIPMENT

NEW METER BASE/
DISCONNECT
COMBO PEDESTAL

INSTALL NEW SERVICE DISCONNECT WITH 1 DOUBLE POLE, 50 AMP CIRCUIT BREAKER

INSTALL NEW 1¼" RIGID GALVANIZED CONDUIT FOR SERVICE ENTRANCE CONDUCTORS BY UTILITY PROVIDER

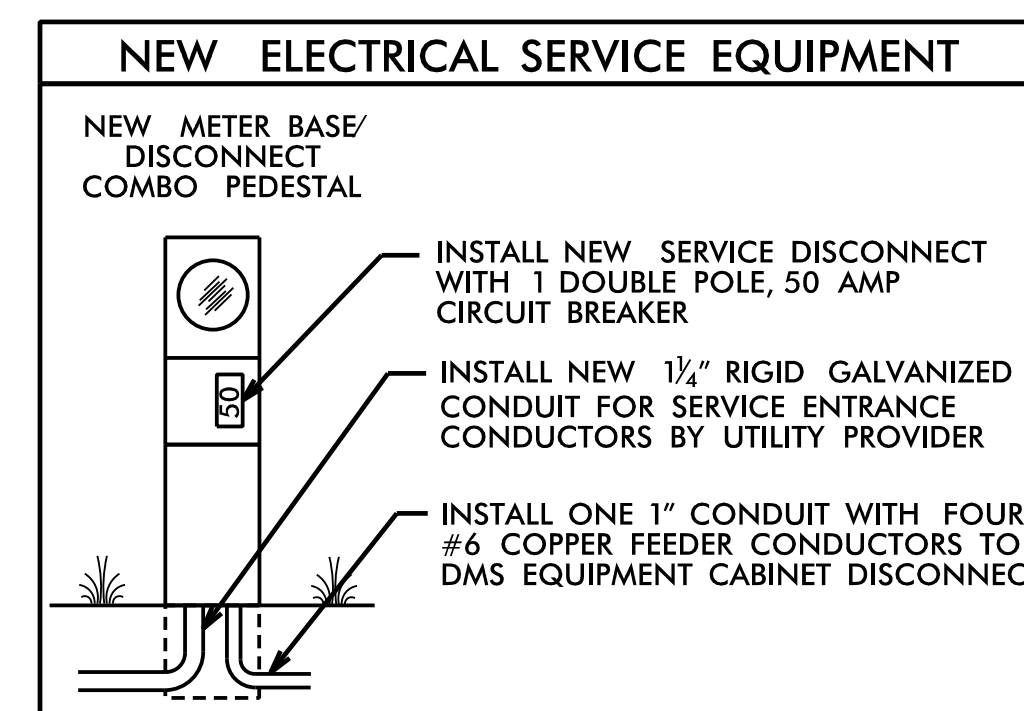INSTALL ONE 1" CONDUIT WITH FOUR #6 COPPER FEEDER CONDUCTORS TO DMS EQUIPMENT CABINET DISCONNECT

NOTES:

1. MAINTAIN A MINIMUM OF SIX (6) FEET FROM THE EDGE OF PAVEMENT WHEN TRENCHING PARALLEL TO THE ROADWAY.
2. CONTACT DEPUTY DIVISION TRAFFIC ENGINEER CHAD FRANKLIN FOR DIVISION 14 AT (828) 631-1151 TO CONFIRM THE LOCATION OF THE CCTV /DMS.
3. DO NOT INSTALL CONDUIT OR JUNCTION BOXES UNTIL THE PROPOSED LOCATION OF THE CCTV CAMERA /DMS HAS BEEN CONFIRMED BY THE DEPUTY DIVISION TRAFFIC ENGINEER.
4. INSTALL CONDUITS FOR FEEDER CONDUCTORS AND FIBER OPTIC CABLE IN THE SAME BORE AND /OR TRENCH. USE SEPARATE CONDUITS, RED FOR POWER AND ORANGE FOR COMMUNICATIONS.
5. DO NOT INSTALL ELECTRICAL POWER CONDUCTORS AND FIBER-OPTIC CABLE INSIDE THE SAME JUNCTION BOX.
6. MOUNT THE CCTV CAMERA 45' ABOVE GRADE.
7. MOUNT THE CCTV CAMERA 5' BELOW THE TOP OF THE POLE.
8. INSTALL A NEW DMS, WALKWAY, LADDER, AND POLE-MOUNTED CABINET ON THE NEW DMS STRUCTURE.
9. INSTALL A LEVEL CONCRETE TECHNICIAN PAD MEASURING A MINIMUM OF 4 INCHES THICK, 24 INCHES WIDE AND 36 INCHES LONG AT THE FRONT DOOR OF THE CCTV /DMS EQUIPMENT CABINET. SEE TYPICAL DETAILS SHEET.
10. CONTACT DUKE ENERGY AT (800) 653-5307 TO ARRANGE FOR ELECTRICAL SERVICE.
11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE AVAILABLE FAULT CURRENT INFORMATION FROM THE POWER COMPANY FOR THE REQUIRED ELECTRICAL SERVICE AND PLACE A "FAULT CURRENT" STICKER INSIDE THE SERVICE DISCONNECT PANEL WITH THE DATE AND AVAILABLE FAULT CURRENT ON THE STICKER.

HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554
(919) 546-8997

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Plans Prepared for:

750 N. Greenfield Pkwy., Garner, NC 27529

I-4400BB		
CABLE ROUTING PLAN		
Division 14	Henderson	Asheville
PLAN DATE: November 2018	REVIEWED BY: T.R. Terrell	
PREPARED BY: Atizaz Ali	REVIEWED BY: N.R. Simmons	

SCALE	
0 50	
1"=50'	

SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
048072
ENGINEER
RAKESH NUNE

DocuSigned by:
Rakesh Nune
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SIGNATURE   DATE
4/26/2019

REVISIONS	INIT.	DATE

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