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9/18/2018
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T.I.P.: U-5745

CONTRACT: DE00266

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
DURHAM COUNTY

LOCATION: INTERSECTION IMPROVEMENTS (ROUNDAABOUT)
AT NC 751 (HOPE VALLEY ROAD) AND SR 1183
(UNIVERSITY DRIVE) IN DURHAM

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	543	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	37	EA.
4108000000	904	SIGN ERECTION, TYPE F	8	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	13	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	1	EA.

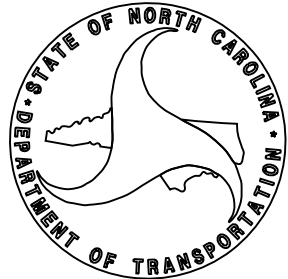
ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.50	ARROWS AND SHIELDS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
910.40	SINGLE LANE ROUNDAABOUT SIGNING, WITH PEDESTRIANS

PLAN SUBMITTED TO: N.C.D.O.T. – Divison 5

S. R. DAVIDSON, P.E. DIVISION DESIGN ENGINEER



PLAN PREPARED BY: ICA ENGINEERING

M. RZEPKA, P.E. PROJECT ENGINEER

Y. MARIOTTE DESIGN ENGINEER



HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

TIP NO.	SHEET NO.
U-5745	SIGN- 1
APPROVED: DocuSigned by: <i>Michael T. Rzepka</i> 018C3480C26049D...	
DATE: 12/17/2018	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2	TYPE "E" & TYPE "F" SIGNS
SIGN-3	SIGN DESIGNS
SIGN-4	EXISTING SIGNS
SIGN-5	PROPOSED SIGNS

GENERAL NOTES

- . SIGNS FURNISHED BY THE STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- . WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.

401 QUANTITY REQ'D <u> 2 </u> SPEED LIMIT 35 24 X 30 R2-1 ONE "U" POST PER SIGN	402 QUANTITY REQ'D <u> 4 </u> 30 X 30 W11-1 ONE "U" POST PER SIGN	403 QUANTITY REQ'D <u> 4 </u> SHARE THE ROAD 18 X 24 W16-1P MOUNT BELOW SIGN 401 IN FOUR LOCATIONS	404 QUANTITY REQ'D <u> 4 </u> 30 X 30 W2-6 ONE "U" POST PER SIGN	405 QUANTITY REQ'D <u> 5 </u> 36 X 36 X 36 R1-2 ONE "U" POST PER SIGN	406 QUANTITY REQ'D <u> 4 </u> 30 X 24 R6-4 ONE "U" POST PER SIGN	TIP NO. U-5745 SHEET NO. SIGN-2 DocuSigned by: Michael T. Rzepka APPROVED: 018C3480C28049D... DATE: 12/17/2018 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
407 QUANTITY REQ'D <u> 9 </u> STATE LAW TO WITHIN CROSSWALK 12 X 36 R1-6 ONE "U" POST PER SIGN	408 QUANTITY REQ'D <u> 1 </u> 24 X 24 R3-8 ONE "U" POST PER SIGN	409 QUANTITY REQ'D <u> 4 </u> 15 M.P.H. 18 X 18 W13-P MOUNT BELOW SIGN 404 IN FOUR LOCATIONS					
501 SOUTH 1-24 X 12 1-24 X 24 1-21 X 15 ONE "U" POST PER SIGN	502 NORTH 1-24 X 12 1-24 X 24 1-21 X 15 ONE "U" POST PER SIGN	503 SOUTH NORTH 2-24 X 12 2-24 X 24 2-21 X 15 TWO "U" POSTS PER SIGN	504 505 JCT 1-21 X 15 1-24 X 24 ONE "U" POST PER SIGN	506 SOUTH NORTH 2-24 X 12 2-24 X 24 2-21 X 15 TWO "U" POSTS PER SIGN	507 SOUTH 1-24 X 12 1-24 X 24 1-21 X 15 ONE "U" POST PER SIGN	508 NORTH 1-24 X 12 1-24 X 24 1-21 X 15 ONE "U" POST PER SIGN	
				HDR HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116			TYPE "E" & TYPE "F" SIGNS

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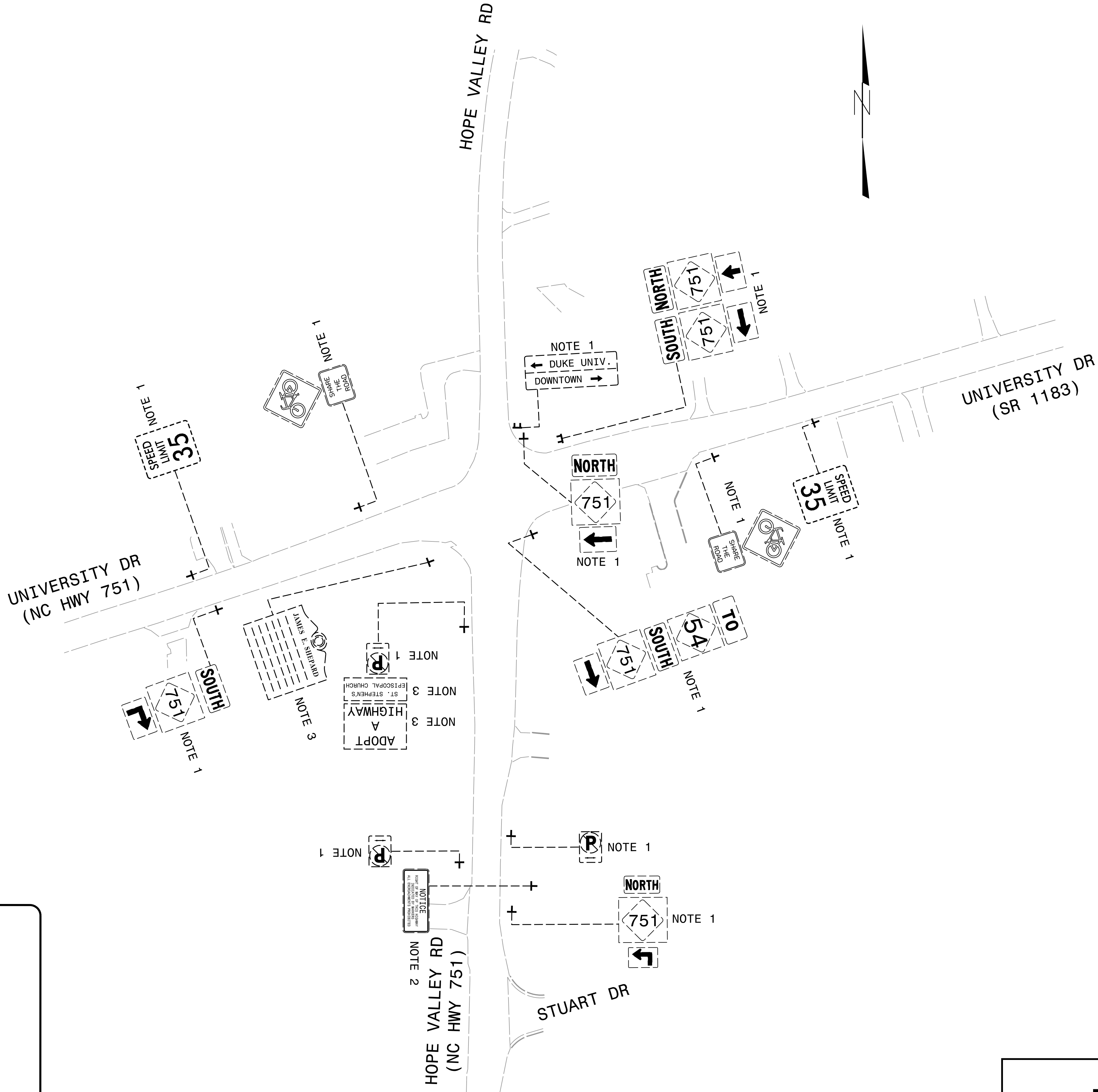
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SIGN DESIGNS

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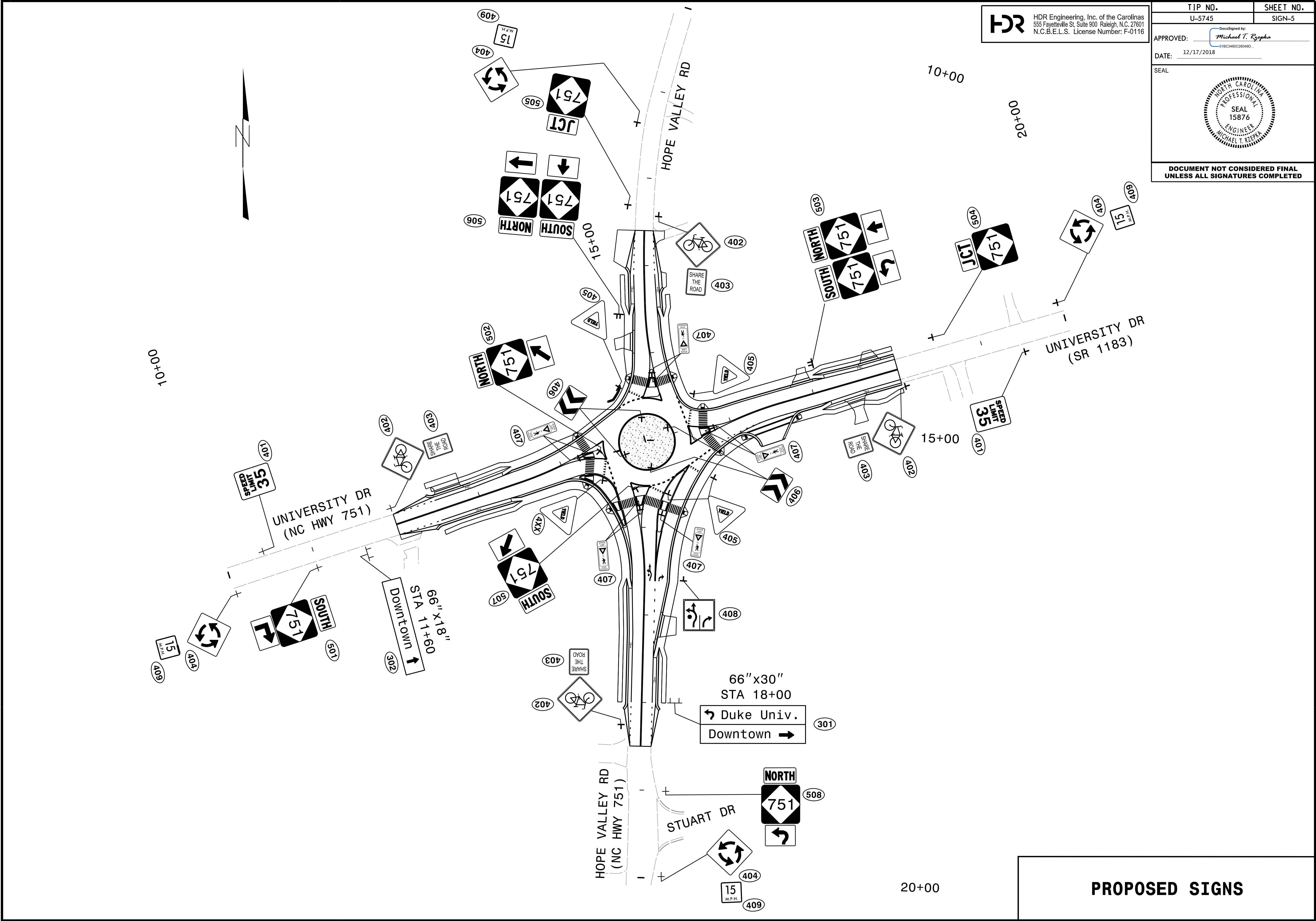
PROJECT NOTES

EXISTING SIGNS

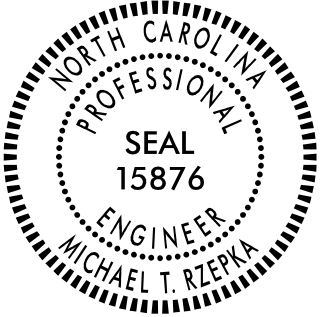


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TIP NO. U-5745	SHEET NO. SIGN-5
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