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**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
CABARRUS COUNTY**

LOCATION: BRIDGE No.103 OVER DUTCH BUFFALO CREEK ON NC 49

PROJECT REFERENCE NO. B-5548	SHEET NO. SIGN-1
APPROVED: <i>Agman Alquodah</i> F30ACSCAF86472	
DATE: 9/29/2016	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

T.I.P.: B-5548

CONTRACT: C203828

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	116	L.F.
4096000000	904	SIGN ERECTION, TYPE D	2	EA.
4102000000	904	SIGN ERECTION, TYPE E	3	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	8	EA.

GENERAL NOTES

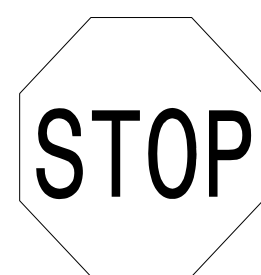


- . SIGNS FURNISHED BY STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- . IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (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.
- . THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

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 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

"E" SIGNS

401 QUANTITY REQ'D <u> 1 </u>  36" X 36" R1-1 ONE "U" POST PER SIGN	402 QUANTITY REQ'D <u> 1 </u>  24" X 30" R2-1 ONE "U" POST PER SIGN	403 QUANTITY REQ'D <u> 1 </u>  30" X 30" W14-1 ONE "U" POST PER SIGN
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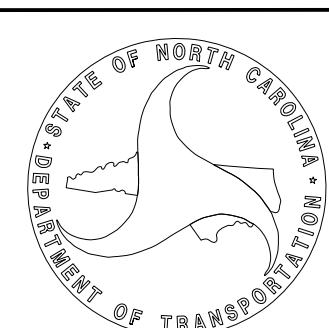
INDEX

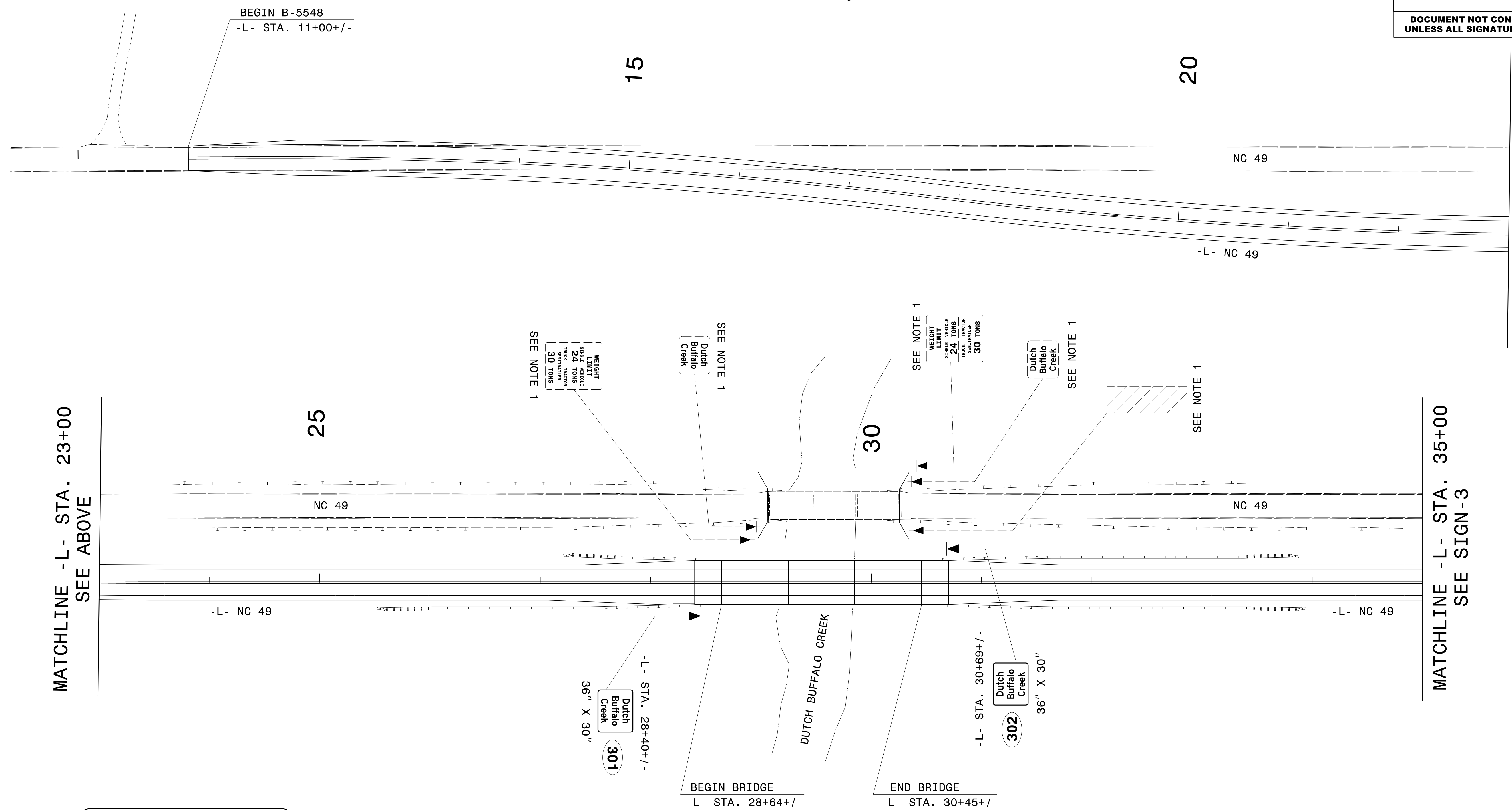
SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET & "E" SHEET
SIGN-2	EXISTING & PROPOSED SIGNS
SIGN-3	EXISTING & PROPOSED SIGNS AND SIGN DESIGN

PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

KELVIN L. JORDAN SIGNING & DELINEATION REGIONAL ENGINEER

DERRICK H. BEARD SIGNING & DELINEATION PROJECT DESIGN ENGINEER



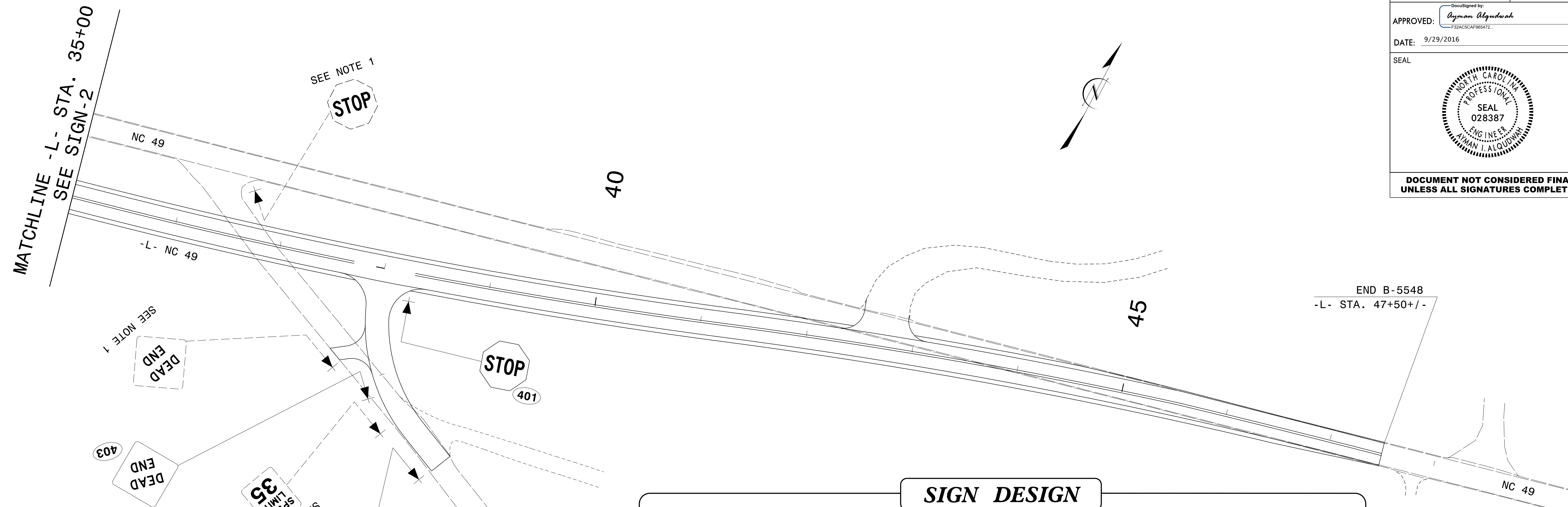


PROJECT NOTES

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL

EXISTING & PROPOSED SIGNS

9/29/2016
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 Jserf@beard



SIGN DESIGN

SIGN NUMBER: 301, 302	BACKG COLOR: Green	DESIGN BY: D. Beard	CHECKED BY: K. Jordan	Aug 09, 2016
TYPE: D	COPY COLOR: White	PROJECT ID: B-5548	LOCATION: Cabarrus Co.	DIV: 10
QUANTITY: 2				
SIGN WIDTH: 3'-0"				
HEIGHT: 2'-6"				
TOTAL AREA: 7.5 Sq.Ft.				
BORDER TYPE: FLUSH				
RECESS: 0"				
WIDTH: 0.75"				
RADII: 3"				
NO. Z BARS:				
LENGTH:				
	MAT'L: 0.125" (3.2 mm) ALUMINUM			

USE NOTES: 1,2

- Legend and border (except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter

	D	u	t	c	h																Series/Size	Text Length		
	7.9	5.2	4.2	2.8	4.3	3.5	8															D 2000	20.1	
																							D 2000	24.5
	5.7	4.9	4.4	2.5	2.6	4.6	1.9	3.7	5.7														D 2000	20.4

FILENAME: GuidSign_English

NORTH CAROLINA D.O.T. SIGN DETAIL

PROJECT NOTES

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL

EXISTING & PROPOSED SIGNS AND SIGN DESIGN

9/29/2016 P:\TIP\Projects-B\B5548\Traffic\Signing\CADD\Signing Layout Plans\B-5548_SIGN-3.dgn