

8/17/99

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TIP PROJECT: BR-0152

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLANS
DAVIE COUNTY

LOCATION: BRIDGE #290076 OVER I-40 ON SR 1436 (PINEBROOK SCHOOL RD)

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 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE
CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
902.10	FOUNDATIONS FOR GROUNDED MOUNTED SIGNS
903.10	GROUNDED MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUNDED MOUNTED SIGNS
904.50	MOUNTING OF TYPE "D", "E", AND "F" SIGNS ON "U" CHANNEL POSTS
910.20	SIGNING SCHOOL ZONE WITHOUT MARKED CROSSWALK WHERE SPEED REDUCTION IS REQUIRED

SIGNING GENERAL NOTES

- A) SIGNS FURNISHED BY THE STATE.
- B) CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- C) IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONSTRUCTION SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- C) SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRANSPORTATION MANAGEMENT AND PAVEMENT MARKING PLANS.
- D) WHEN NOT STATIONED OR DIMENSIONED ON PLANS, TYPE E & F SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- E) ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- F) WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS,THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- G) THE BACKGROUND FOR TYPE "E" SIGNS SHALL BE TYPE "C" REFLECTIVE SHEETING.
- H) SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

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

SIGNING & DELINEATION REGIONAL ENGINEER
SIGNING & DELINEATION PROJECT DESIGN ENGINEER



INDEX

SHEET NO.	DESCRIPTION
SIGN-1	SIGNING TITLE SHEET, ROADWAY STANDARD DRAWINGS, GENERAL NOTES, SUMMARY OF SIGN QUANTITIES, AND INDEX OF SHEETS
SIGN-2	TYPE "E" SIGNS
SIGN-3	SIGNAGE PLANS TYPE D SIGN DESIGNS
SIGN-4 - 5	EXISTING AND PROPOSED SIGN DETAILS

SUMMARY OF SIGN QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000-E	903	SUPPORTS, 3-LB STEEL U-CHANNEL	150	LF.
4096000000-N	904	SIGN ERECTION, TYPE D	2	EA.
4102000000-N	904	SIGN ERECTION, TYPE E	9	EA.
4155000000-N	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	12	EA.

PROJECT NOTES

- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- SIGN ERECTION, TYPE D
- SIGN ERECTION, TYPE E
- EXISTING SIGN TO REMAIN




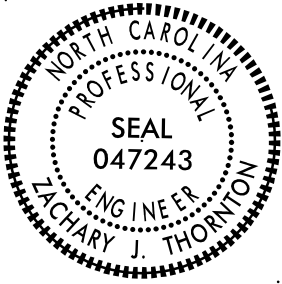

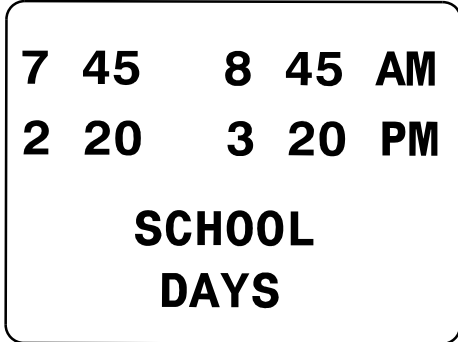
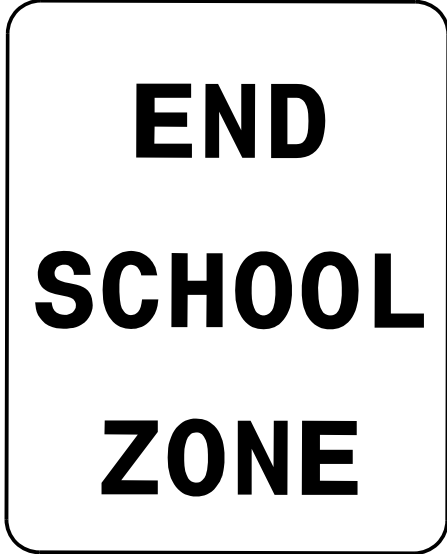
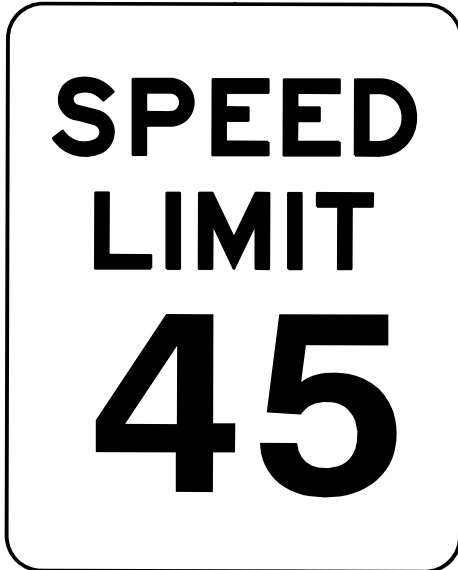

PLANS PREPARED BY: VOLKERT

ZACHARY THORNTON, PE PROJECT ENGINEER

VOLKERT

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TIP NO.	SHEET NO.
BR-0152	SIGN - 1
APPROVED	
DATE:	11/21/2024
SEAL	
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<div>401</div> <div>QUANTITY REQ'D 1</div> <div></div> <div>36" X 36" S1-1</div> <div>ONE "U" POST PER SIGN</div>	<div>402</div> <div>QUANTITY REQ'D 1</div> <div></div> <div>24" X 12" W16-9P</div> <div>MOUNT BELOW SIGN 401 IN 1 INSTALLATION</div>	<div>403</div> <div>QUANTITY REQ'D 1</div> <div></div> <div>24" X 9" S4-3P</div> <div>MOUNT ABOVE SIGN 404 IN 1 INSTALLATION</div>	<div><div><div><div>VOLKERT</div><div>5430 Wade Park Blvd., Suite 410 Raleigh, NC 27607 Tel. 919-854-0344 Fax. 919-854-0355 NC License No. F-0765</div></div><div><div>TIP NO. BR-0152</div><div>SHEET NO. SIGN-2</div></div></div><div><div>DESIGNED BY <i>Richard Thornton</i></div><div>APPROVED: E4D10EEB0CBB48A...</div><div>DATE: 11/21/2024</div></div><div>SEAL </div><div>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</div></div>
<div>404</div> <div>QUANTITY REQ'D 1</div> <div></div> <div>24" X 30" R2-1</div> <div>ONE "U" POST PER SIGN</div>	<div>405</div> <div>QUANTITY REQ'D 2</div> <div></div> <div>24" X 12" S4-1P</div> <div>MOUNT BELOW SIGN 404 IN 1 INSTALLATION MOUNT BELOW SIGN 408 IN 1 INSTALLATION</div>	<div>406</div> <div>QUANTITY REQ'D 1</div> <div></div> <div>24" X 30" S5-2</div> <div>MOUNT ABOVE SIGN 407 IN 1 INSTALLATION</div>	
<div>407</div> <div>QUANTITY REQ'D 1</div> <div></div> <div>24" X 30" R2-1</div> <div>ONE "U" POST PER SIGN</div>	<div>408</div> <div>QUANTITY REQ'D 1</div> <div></div> <div>36" X 36" S4-5</div>		
			<div>TYPE "E" SIGNS</div>

SCHEMATIC
NOT TO SCALE
FOR INFORMATION ONLY
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SIGNAGE PLANS TYPE D SIGN DESIGNS

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TIP NO.
6R-0152

SHEET NO.
SIGN-4

APPROVED:
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DATE: 11/21/2024

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SEAL

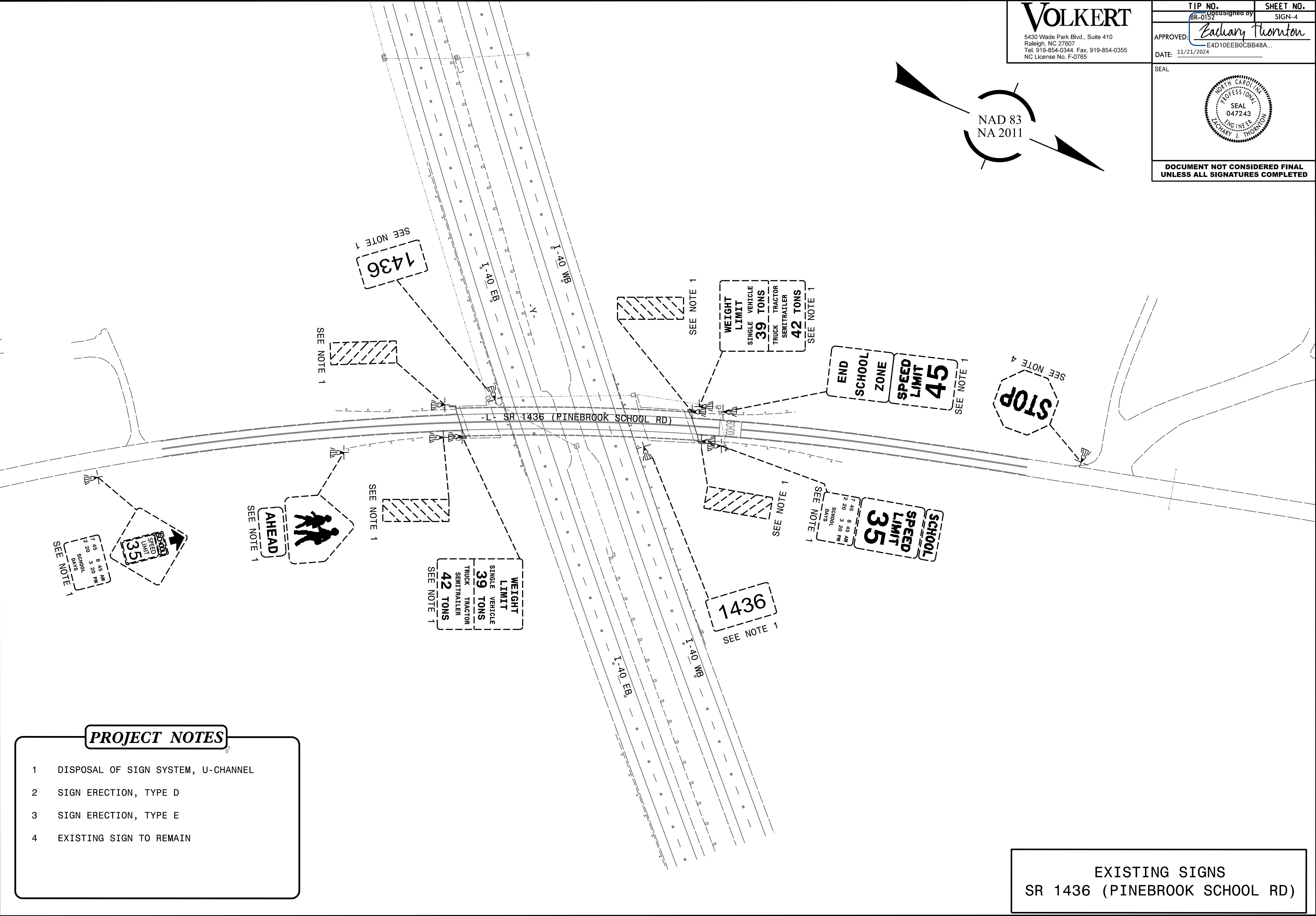
047243

ENGINEER

ZACHARY J. THORNTON

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NAD 83
NA 2011



EXISTING SIGN TO REMAIN

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TIP NO.
BR-0152

Designed by
Zachary Thornton

APPROVED:
E4D10EEB0CBB48A...

DATE: 11/21/2024

SHEET NO.
SIGN-5

SEAL


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NAD 83
NA 2011

The diagram illustrates the proposed sign placement for the intersection of SR 1436 (Pinebrook School Rd) and I-40. Key features include:

- SR 1436 (PINEBROOK SCHOOL RD):** The main road running horizontally across the center.
- I-40 WB and I-40 EB:** The highway lanes running diagonally from the bottom left to the top right.
- Signs:**
 - Speed Limit 35:** Rectangular signs with black text on a white background, located on both sides of SR 1436.
 - School Zone:** Signs indicating the start and end of a school zone, with a speed limit of 35.
 - Pedestrian Crossing:** A pentagon-shaped sign with a black silhouette of a pedestrian, located on SR 1436.
 - End School Zone:** A rectangular sign with black text on a white background, located on SR 1436.
 - Stationing Markers:** Circular markers with numbers (e.g., 401, 402, 403, 404, 405, 406, 407, 301, 302) indicating specific locations along the road.
- Project Notes:** A box in the bottom left corner containing four notes:
 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - SIGN ERECTION, TYPE D
 - SIGN ERECTION, TYPE E
 - EXISTING SIGN TO REMAIN

PROPOSED SIGNS
SR 1436 (PINEBROOK SCHOOL RD)