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PROJECT REFERENCE NO.

I - 2513AA / AB SIGN - 3E

APPROVED:

Docusigned by:

DATE: 2/1/2024

SEAL

403II

DOCUMENT NOT CONSIDERED FINAL

**UNLESS ALL SIGNATURES COMPLETED** 

104.00' 45.64' 34.00' 24.36' SIGN 11B 138" X 30" 138" X 30" WINDLOAD AREA: EXIT **44 B** EXIT **44 A** 456" X 260" South South North North (19) Smokey Park Hwy ዊ (TRUSS) ! ዊ (TRUSS) 1/4 MILE EXIT ONLY EXIT 👉 ONLY € (SUPPORT) Q (SUPPORT) 11.00′ 11.00′ 17' MINIMUM- 18' MAXIMUM CLEARANCE TO BOTTOM OF DESIGN WIND LOAD 22.06' 8.25′ 8.25' 12.00' 8.03' 12.00' 12.00' 12.00' 12.00' 10.94' 11.69' TRAVEL LANE TRAVEL LANE EXIT LANE EXIT LANE EXIT LANE **PAVED** SHOULDER PROPOSED GUARDRAIL 0.02 0.0196 0.0396 0.0182 I-40 EB I-40 WB 13.00′ 12.00' 46.94′ 10.69' 11.00′

## NOTES:

- 1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- 2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- 3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
- 4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
- 5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- 6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 90 M.P.H.

HNTB NORTH CAROLINA, P.C.
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STRUCTURE INVENTORY 100930

OVERHEAD SIGN STRUCTURE
-Y- STA. 62+50 LT
I-40 WB