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09/08/09

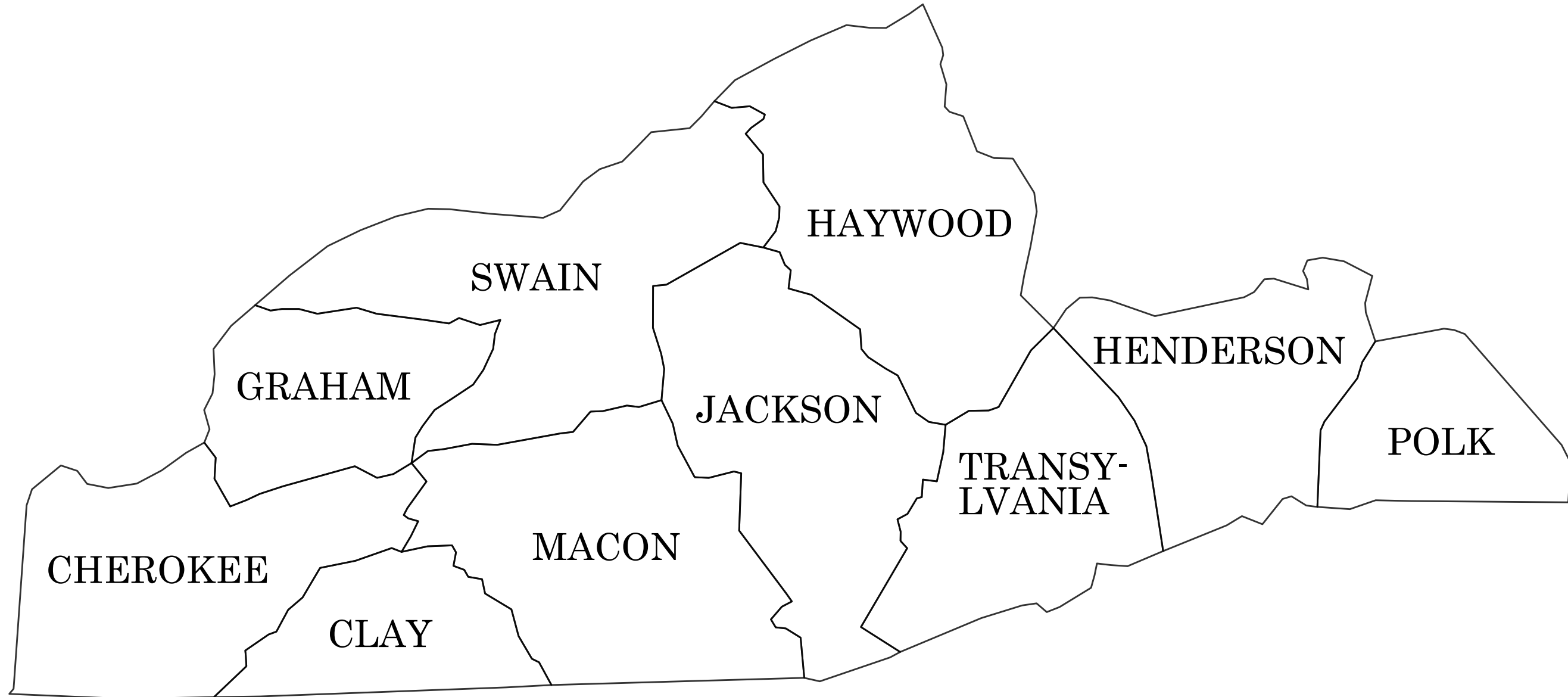
See Sheet 1A For Index of Sheets

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DIVISION 14

LOCATION: *VARIOUS LOCATIONS
ACROSS DIVISION 14*

TYPE OF WORK: *ID/IQ ON-CALL SNOW-PLOWABLE
MARKERS*



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	DN12236810	1	4
STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION	
GMR.14.CHE.1PT	TBD		
GMR14.CHE.2PT			
GMR14.CLA.1PT			
GMR14.CLA.2PT			
GMR14.GRA.1PT			
GMR14.GRA.2PT			
GMR14.HAY.1PT			
GMR14.HAY.2PT			
GMR14.HAY.1NT			
GMR14.HEN.1PT			
GMR14.HEN.2PT			
GMR14.HEN.1NT			
GMR14.JAC.1PT			
GMR14.JAC.2PT			
GMR14.MAC.1PT			
GMR14.MAC.2PT			
GMR14.POL.1PT			
GMR14.POL.2PT			
GMR14.POL.1NT			
GMR14.SWA.1PT			
GMR14.SWA.2PT			
GMR14.TRA.1PT			
GMR14.TRA.2PT			

CONTRACT: DN12236810

Prepared in the Office of:
DIVISION OF HIGHWAYS
253 WEBSTER RD., SYLVA NC, 28779

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

LETTING DATE:
SEPTEMBER 8, 2026

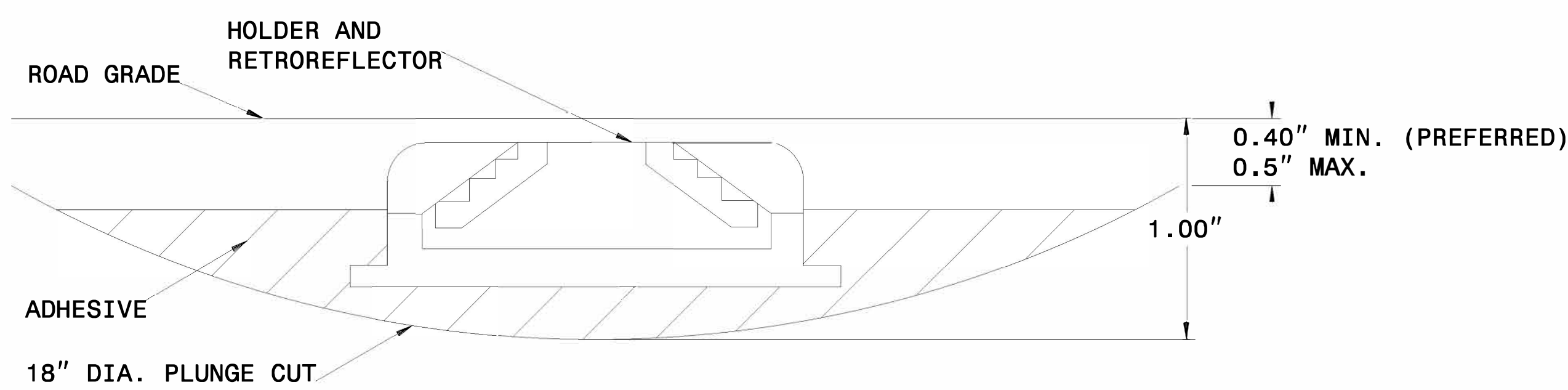
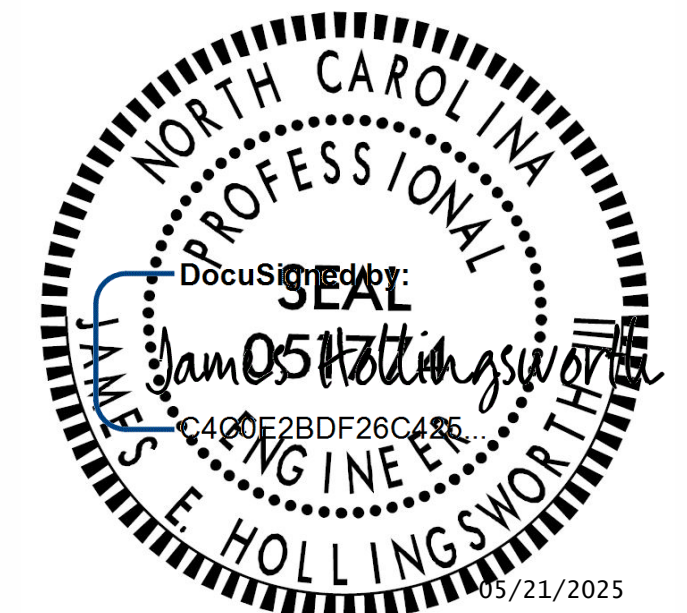
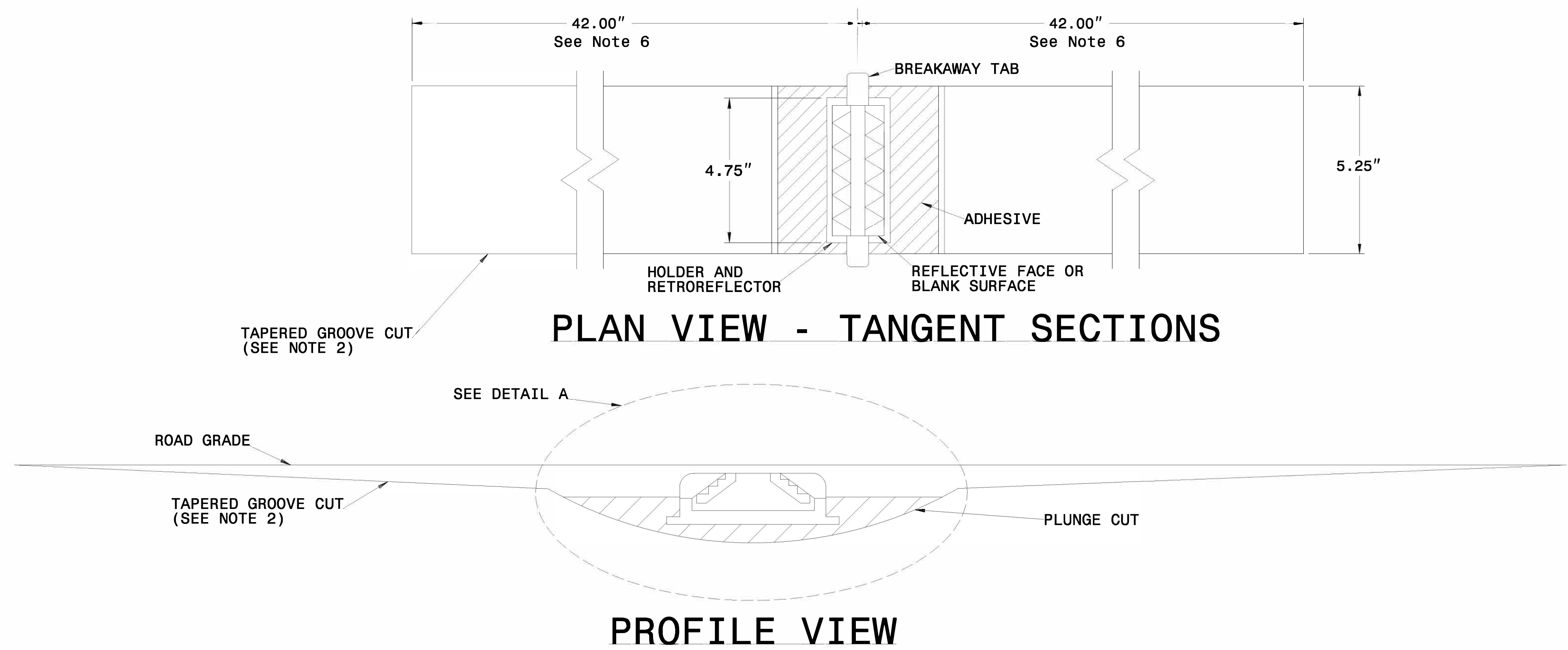
STEVEN BUCHANAN
PROJECT ENGINEER

JAMES HOLLINGSWORTH P.E.
PROJECT DESIGN ENGINEER

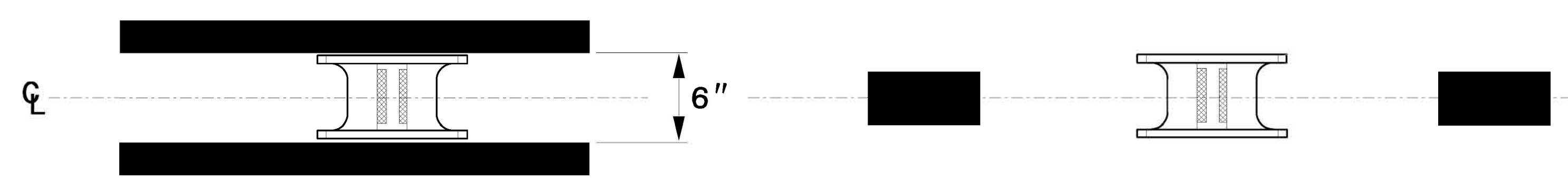
ROADWAY DESIGN ENGINEER

SIGNATURE: P.E.





DETAIL A



MARKER SPACING

NOTES:

1. ALL GROOVE EDGES SHALL BE AT LEAST 2 INCHES FROM ANY SEAM OR PAVEMENT JOINT
2. GROOVE CUTS MAY BE TAPERED OR BEVELED. TAPERED CUTS SHALL START AT ROAD LEVEL ON EACH END AND TAPER AT A FIXED RATE AS SHOWN ON THE PROFILE VIEW. BEVELED GROOVE CUTS SHALL BE 0.5" MAXIMUM DEPTH (0.4" PREFERRED), AND SHALL BE 0.4" MINIMUM DEPTH AT BOTH ENDS OF THE PLUNGE CUT.
3. GROOVE AND PLUNGE CUT SHALL BE CLEAN AND DRY PRIOR TO PLACEMENT OF ADHESIVE.
4. THE EPOXY ADHESIVE SHALL BE THOROUGHLY MIXED UNTIL IT IS UNIFORM IN COLOR, AND APPLIED IN COLOR, AND APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. MARKER SHALL BE INSTALLED AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH THE BREAKWAY TABS RESTING ON THE PAVEMENT SURFACE. THE EPOXY SHALL BE FILLED TO THE LEVEL OF THE TOP OF THE MARKER HOLDER. EPOXY SHALL NOT TOUCH THE RETROREFLECTOR.
6. TOTAL GROOVE LENGTH MAY BE SHORTENED TO 54" ON SHARP CURVES IF APPROVED BY THE ENGINEER. GROOVES SHALL NOT OVERLAP WITH LOOP DETECTOR WIRES.

CONTRACTS STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-8950	FAX 919-250-4119
DETAIL OF INLAID CRADLE MARKER	
ORIGINAL BY: rgwatson	DATE: 02-06-2024
MODIFIED BY:	DATE:
CHECKED BY:	DATE:
FILE SPEC.:	