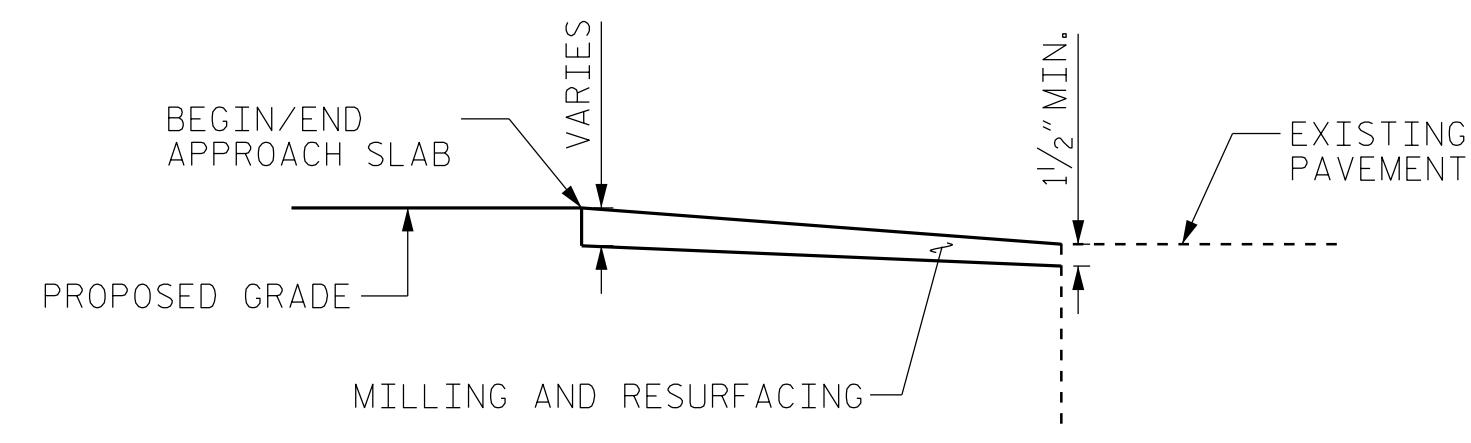


APPROACH ROADWAY @ END BENT 1

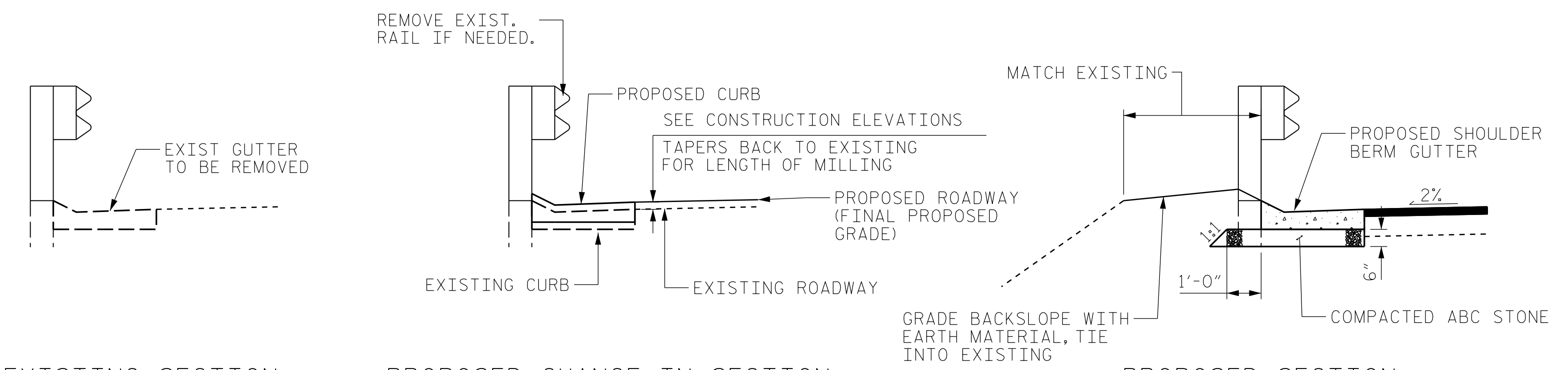
APPROACH ROADWAY @ END BENT 2



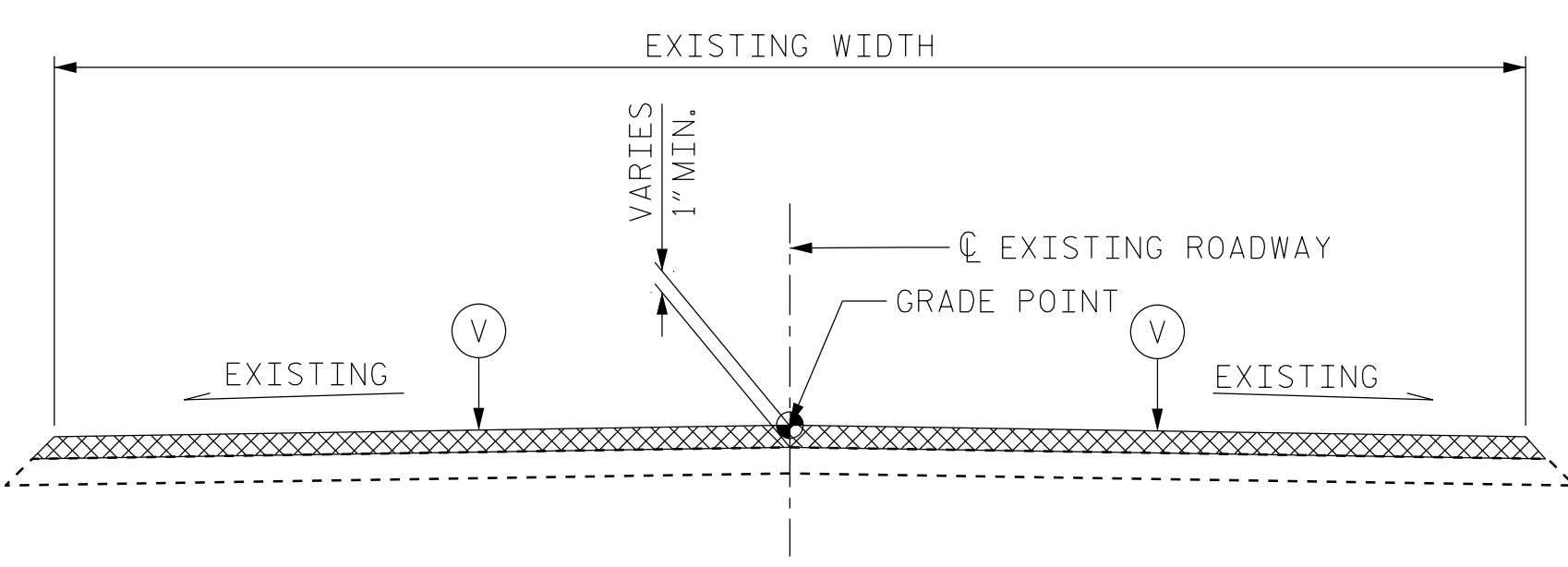
PAVEMENT KEY-IN DETAIL FOR BOTH END BENTS

NOTES:

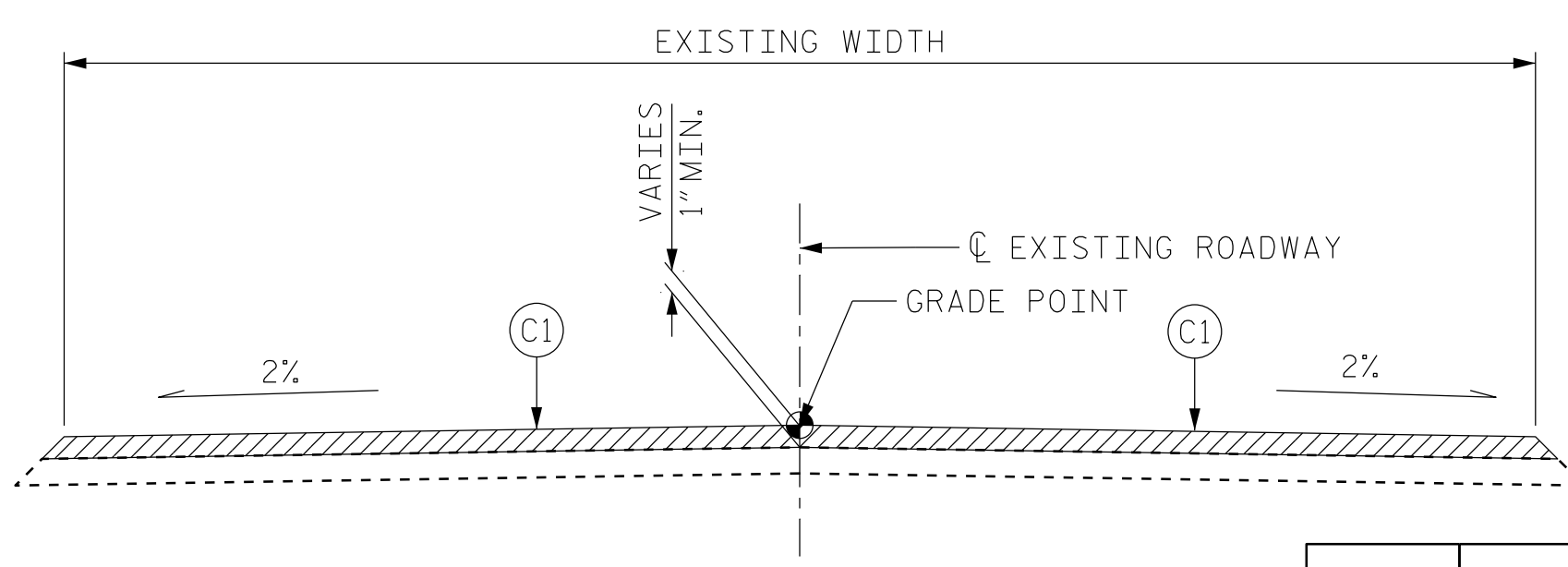
1. ASPHALT MILLING - EXISTING APPROACH ASPHALT PAVEMENT TO BE MILLED AS NECESSARY TO ATTAIN MINIMUM 1/2" DEPTH OF NEW ASPHALT PAVEMENT. NEW ASPHALT PAVEMENT SHALL BE OF THICKNESS NECESSARY TO PROVIDE A SMOOTH TRANSITION BETWEEN THE ROADWAY AND THE BRIDGE DECK.
2. FOR NEW ASPHALT PLACEMENT, SEE STANDARD SPECIFICATIONS.
3. GRADE MAY BE ADJUSTED BY THE ENGINEER TO ENSURE PROPER TIE-IN OF THE BRIDGE AND APPROACH ROADWAY.
4. REMOVAL OF THE EXISTING SHOULDER BERM GUTTER IS CONSIDERED INCIDENTAL TO THE PROPOSED SHOULDER BERM GUTTER.
5. FOR PROPOSED APPROACH ROADWAY ELEVATIONS, SEE CONSTRUCTION ELEVATIONS.
6. EXISTING FUNNEL DRAIN GRADES MAY NEED TO BE FIELD ADJUSTED. THE COST OF ADJUSTING THE EXISTING FUNNEL DRAINS SHALL BE INCLUDED IN THE COST OF THE PROPOSED SHOULDER BERM GUTTER.



SHOULDER BERM GUTTER DETAILS



EXISTING SECTION  
BEGIN APPROACH SLAB



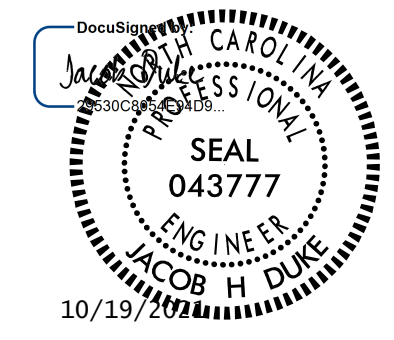
PROPOSED SECTION  
BEGIN APPROACH SLAB

C1	PROPOSED VARIABLE DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD., PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 1" OR GREATER THAN 2" IN DEPTH.
V	MILLING ASPHALT PAVEMENT VARIABLE DEPTH.

TYPICAL ROADWAY MILLING SECTION

AS-BUILT QUANTITY TABLE		
APPROACH ROADWAY		
	TOTAL	
	ESTIMATE	ACTUAL
AGGREGATE BASE COURSE (ABC)	45 TONS	
SHOULDER BERM GUTTER	240 L.F.	
BORROW EXCAVATION	25 C.Y.	
SEEDING AND MULCHING	0.2 ACRE	
MILLING ASPHALT PAVEMENT VARIABLE DEPTH	5101 S.Y.	
ASPHALT CONCRETE SURFACE COURSE, TYPE 9.5C	660 TONS	
ASPHALT BINDER FOR PLANT MIX	40.0 TONS	
REMOVE AND RESET EXISTING GUARDRAIL	240 L.F.	

PROJECT NO. 15BPR.46  
DARE COUNTY  
BRIDGE NO. 270012



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
APPROACH ROADWAY MILLING, RESURFACING SHOULDER BERM GUTTER REPLACEMENT					
SHEET NO. S-22					
TOTAL SHEETS 137					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

DRAWN BY : JACOB H. DUKE DATE : 9/30/2020  
CHECKED BY : FIDEL L. FLORES DATE : 10/1/2020  
DESIGN ENGINEER OF RECORD: JACOB H. DUKE DATE : 10/1/2020

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

KCSA KISINGER CAMPO & ASSOCIATES  
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RALEIGH, NC 27601 (919) 882-7839  
NC FIRM LICENSE: C-1506