
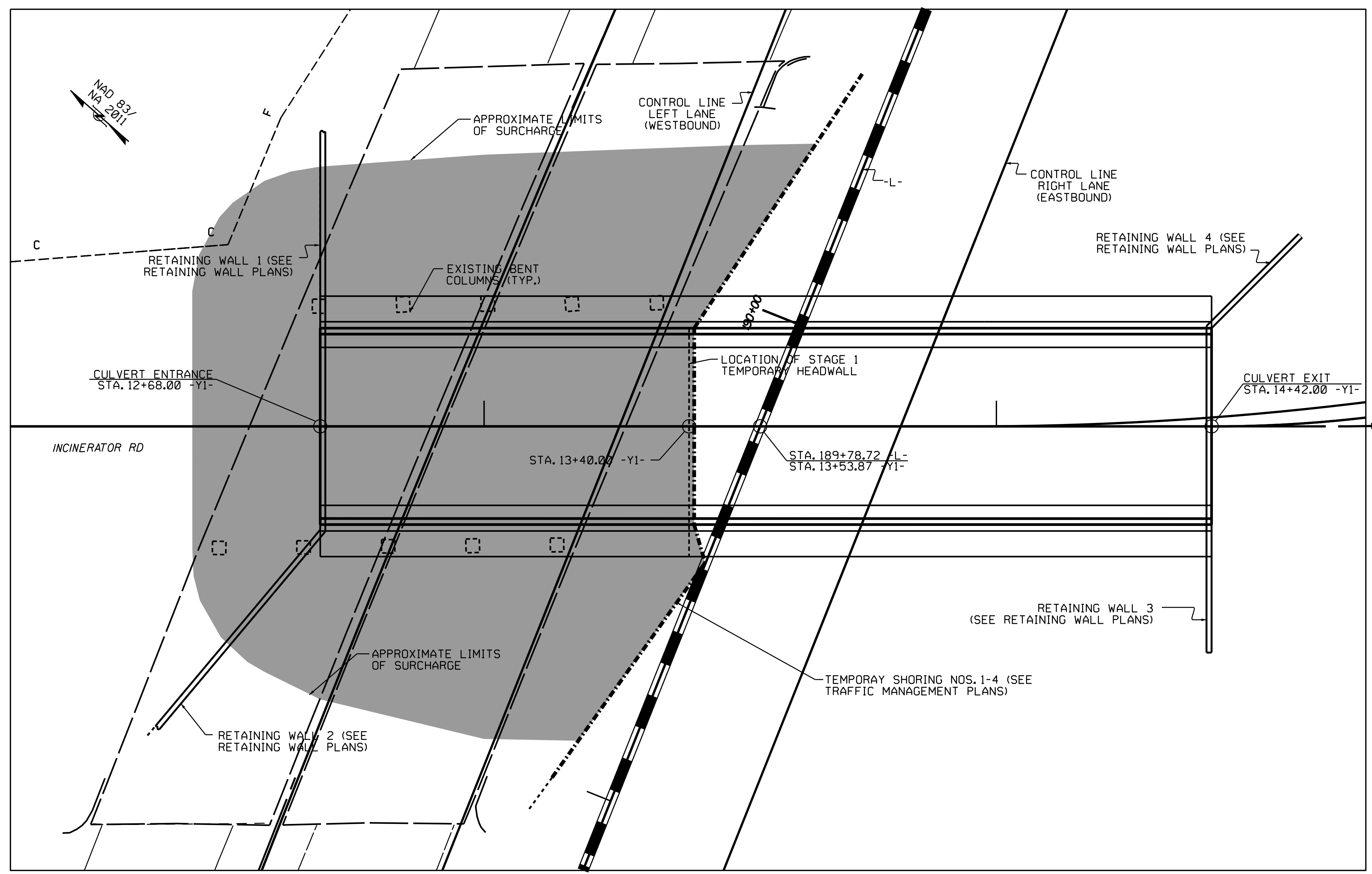


PROJECT REFERENCE NO. HB-0003	SHEET NO. 2G-2
GEOTECHNICAL ENGINEER  Shipping Yang 05/06/2024	ENGINEER
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



- Stage 2 Sequence:
- 1) Install 4 settlement gauges to monitor surcharge settlement in accordance to NCDOT Standard 235.01. Operations Engineer and contractor to determine locations at the time of construction.
  - 2) Place surcharge fill to the limits shown on plans.
  - 3) Monitor settlement until a acceptable rate is observed, Operation Engineer will release the removal of Surcharge at this time. If excessive settlement or movement of the existing bridge is observed then remove surcharge fill beneath the existing structure. Provide settlement reading to the NCDOT Operations Engineer on a bi-weekly basis.
  - 4) Remove surcharge and construct Stage 2 Tunnel, and Retaining Wall Nos. 1 and 2.

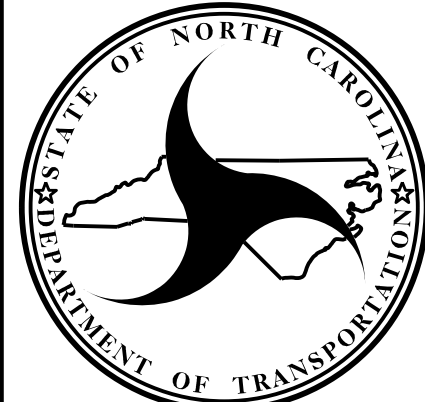
STAGE 2 SURCHARGE QUANTITIES	
BORROW EXCAVATION	8,300 YD
UNCLASSIFIED EXCAVATION	8,300 YD
EMBANKMENT SETTLEMENT GAUGES	4 EA

**STAGE 2 PLAN VIEW**

• NOTE: ACTUAL FOOTING AND PEDESTAL DIMENSIONS TO BE DESIGNED BY THE CONTRACTOR. ESTIMATED SIZES SHOWN ARE FOR BIDDING PURPOSES ONLY.

■ INDICATES ESTIMATED LIMITS ON SURCHARGE

PREPARED BY: MHS	DATE: 12/23
REVIEWED BY: SY/SCC	DATE: 12/23



NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**GEOTECHNICAL  
ENGINEERING UNIT**

SURCHARGE PLAN VIEW STAGE 2					
REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		