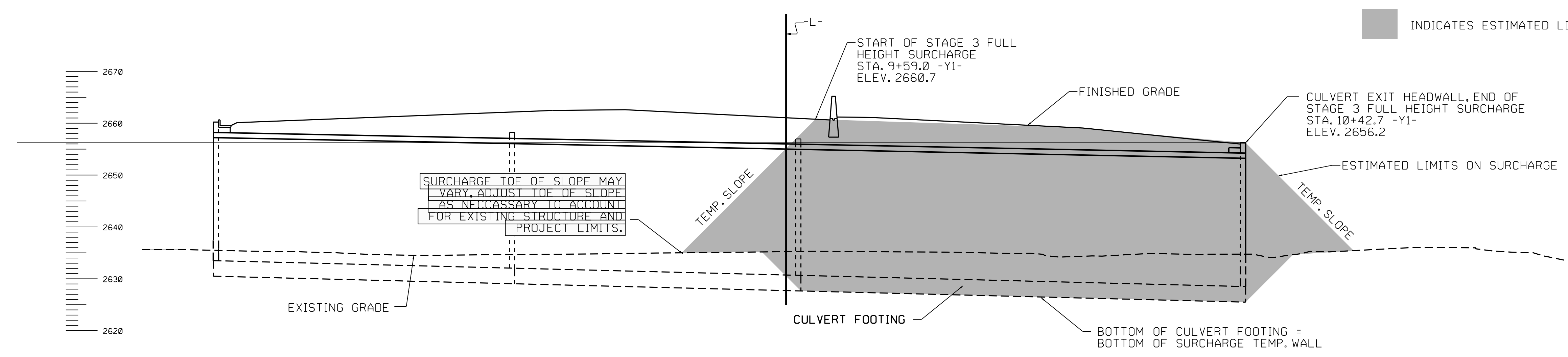


STAGE 3 SURCHARGE PLAN VIEW

- Stage 3 Sequence:
- 1) Demolish Existing East bound bridge, including removal of the existing columns and footings
 - 2) Construct Surcharge MSE Temporary Wall Nos. 5 and 6 and Retaining Wall Nos. 3 and 4. When backfill for Temporary MSE Wall fills overlaps with the reinforced zone of Permanent MSE Walls, use the Permanent MSE Walls backfill material required for retaining walls in the reinforced zone of the Temporary Walls.
 - 3) 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.
 - 4) Place surcharge fill to the limits shown on plans.
 - 5) 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.
 - 6) Remove surcharge and construct Stage 3 Tunnel.

STAGE 3 SURCHARGE QUANTITIES	
SURCHARGE TEMP. MSE WALL NO. 5	3,275 SF
SURCHARGE TEMP. MSE WALL NO. 6	2,050 SF
BORROW EXCAVATION	8,100 CY
UNCLASSIFIED EXCAVATION	8,100 CY
EMBANKMENT SETTLEMENT GAUGES	4 EA

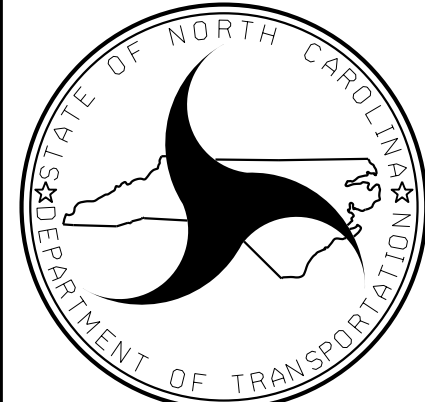


STAGE 3 SURCHARGE PROFILE VIEW

• FOR SURCHARGE SEE STANDARD SPECIFICATION SECTION 235 EMBANKMENTS

INDICATES ESTIMATED LIMITS ON SURCHARGE

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



 NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

 GEOTECHNICAL
 ENGINEERING UNIT

SURCHARGE PLAN & PROFILE VIEWS STAGE 3				
REVISIONS				
NO.	BY	DATE	ING.	DATE
1	MHS	2/24	3	
2			4	