

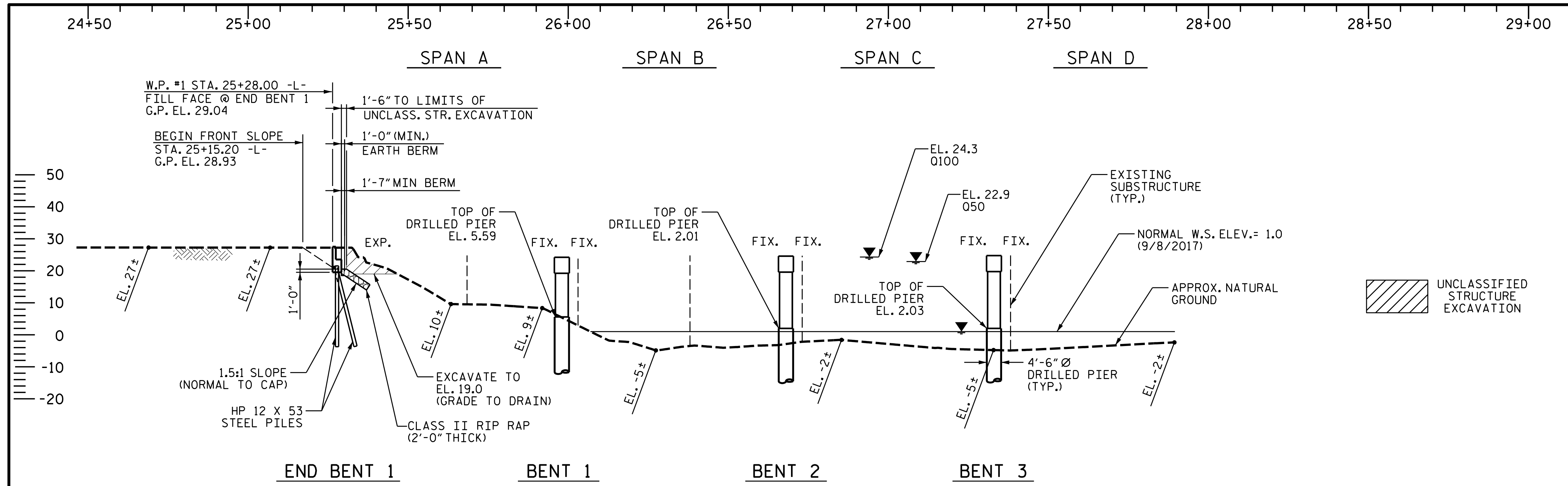
VERTICAL GRADE DATA -L-

(+).9644% (-).9382%
 PI = 28+00.00
 EL = 31.70
 VC = 650'

| HYDRAULIC DATA: | |
|-----------------------------|--------------|
| DESIGN DISCHARGE | 45200 CFS |
| FREQUENCY OF DESIGN FLOOD | 50 YRS. |
| DESIGN HIGH WATER ELEVATION | 22.9 |
| DRAINAGE AREA | 2690 SQ. MI. |
| BASE DISCHARGE | 53100 CFS |
| FREQUENCY OF BASE DISCHARGE | 100 YRS. |
| BASE HIGH WATER ELEVATION | 24.3 |

| OVERTOPPING FLOOD DATA: | |
|--------------------------------|-----------|
| OVERTOPPING DISCHARGE | 47600 CFS |
| FREQUENCY OF OVERTOPPING FLOOD | 50+ YRS. |
| OVERTOPPING FLOOD ELEVATION | 23.2'* |

* OVERTOPPING ELEVATION REPRESENTS LOWEST ROADWAY ELEVATION LOCATED APPROXIMATELY 4000 FT NORTHEAST OF BRIDGE.



UNCLASSIFIED STRUCTURE EXCAVATION

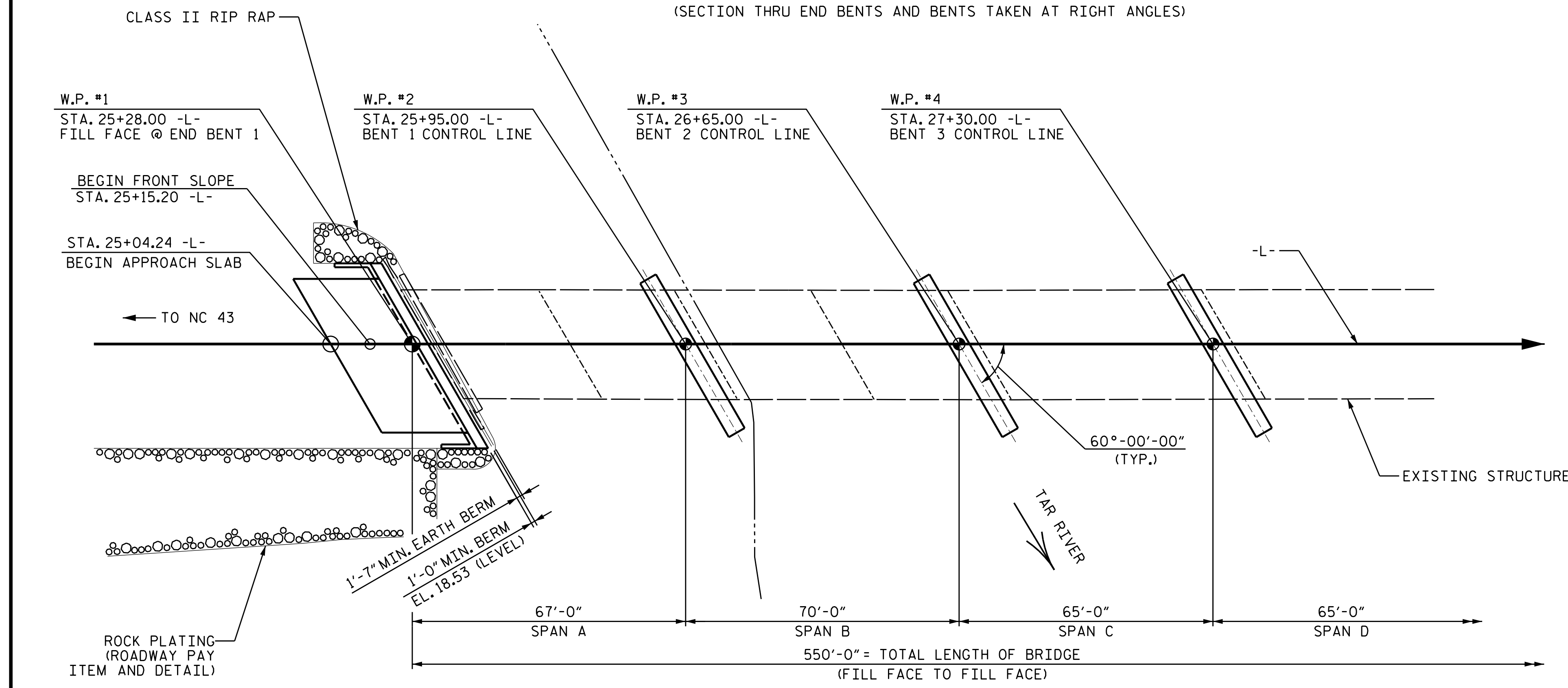
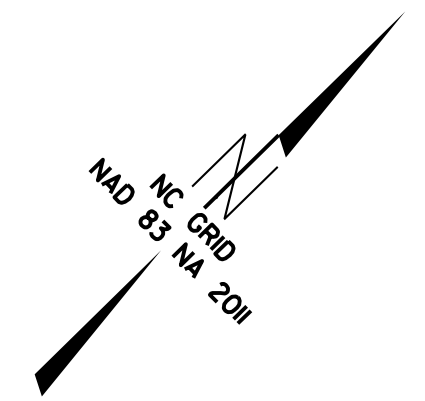
SECTION ALONG -L-

(SECTION THRU END BENTS AND BENTS TAKEN AT RIGHT ANGLES)

| LOW CHORD ELEVATION | |
|---------------------|-------|
| EB1 | 23.93 |
| EB2 | 23.77 |

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS.

SEAL

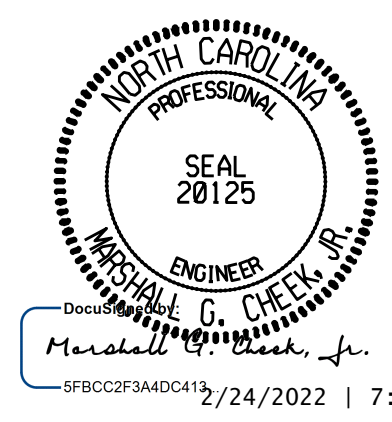


PLAN

PILES AND COLUMNS NOT SHOWN IN PLAN VIEW FOR CLARITY.

PROJECT NO. B-4786
PITT COUNTY
 STATION: 28+03.00 -L-

SHEET 1 OF 6 REPLACES BRIDGE NO. 730038



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR BRIDGE ON US 13
 OVER TAR RIVER
 BETWEEN
 NC 43 AND SR 1530

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
 706 HILLSBOROUGH STREET
 SUITE 200
 RALEIGH, NC 27603
 PH (919) 773-8887
 CORP. LICENSE NO.: C-0275

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-1 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 57 |

DRAWN BY : TBE/SBW DATE : 11/18
 CHECKED BY : MGC DATE : 07/19