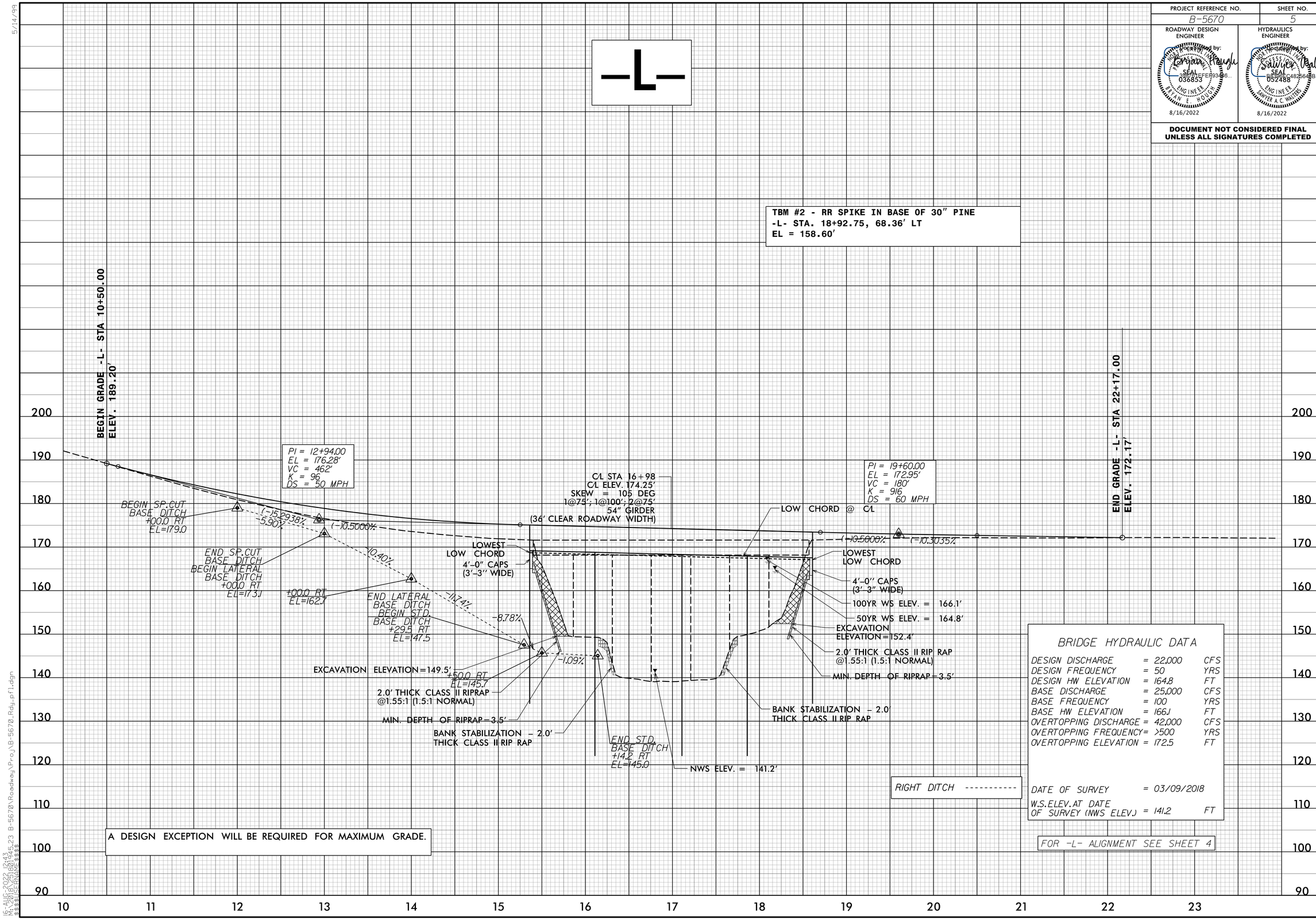
DocuSign Envelope ID: 2C0B3586-4EBE-4AE1-B4AD-D445757067E5

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| B-5670 | 5 |

ROADWAY DESIGN ENGINEER
DocuSigned by: Bryan Haugh
SEAL 036853 ENGINEER BRIAN E. HAUGH
8/16/2022

HYDRAULICS ENGINEER
DocuSigned by: Sawyer Walters
SEAL 052488 ENGINEER SAWYER A.C. WALTERS
8/16/2022

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**




BRIDGE HYDRAULIC DATA

| | | |
|---|---|---|
| DESIGN DISCHARGE | = 22,000 | CFS |
| DESIGN FREQUENCY | = 50 | YRS |
| DESIGN HW ELEVATION | = 164.8 | FT |
| BASE DISCHARGE | = 25,000 | CFS |
| BASE FREQUENCY | = 100 | YRS |
| BASE HW ELEVATION | = 166.1 | FT |
| OVERTOPPING DISCHARGE | = 42,000 | CFS |
| OVERTOPPING FREQUENCY | = >500 | YRS |
| OVERTOPPING ELEVATION | = 172.5 | FT |
| DATE OF SURVEY | = 03/09/2018 | |
| W.S.ELEV. AT DATE OF SURVEY (NWS ELEV.) | = 141.2 | FT |

16-AUG-2022 12:43
$$$$USER=SCHAPPELL$$$$
$$$$DGN=B-5670_Rdy_pf1.dgn
$$$$CELL=PRAME$$$$
$$$$ACTIVE=B-5670\Roadway\Proj\B-5670_Rdy_pf1.dgn