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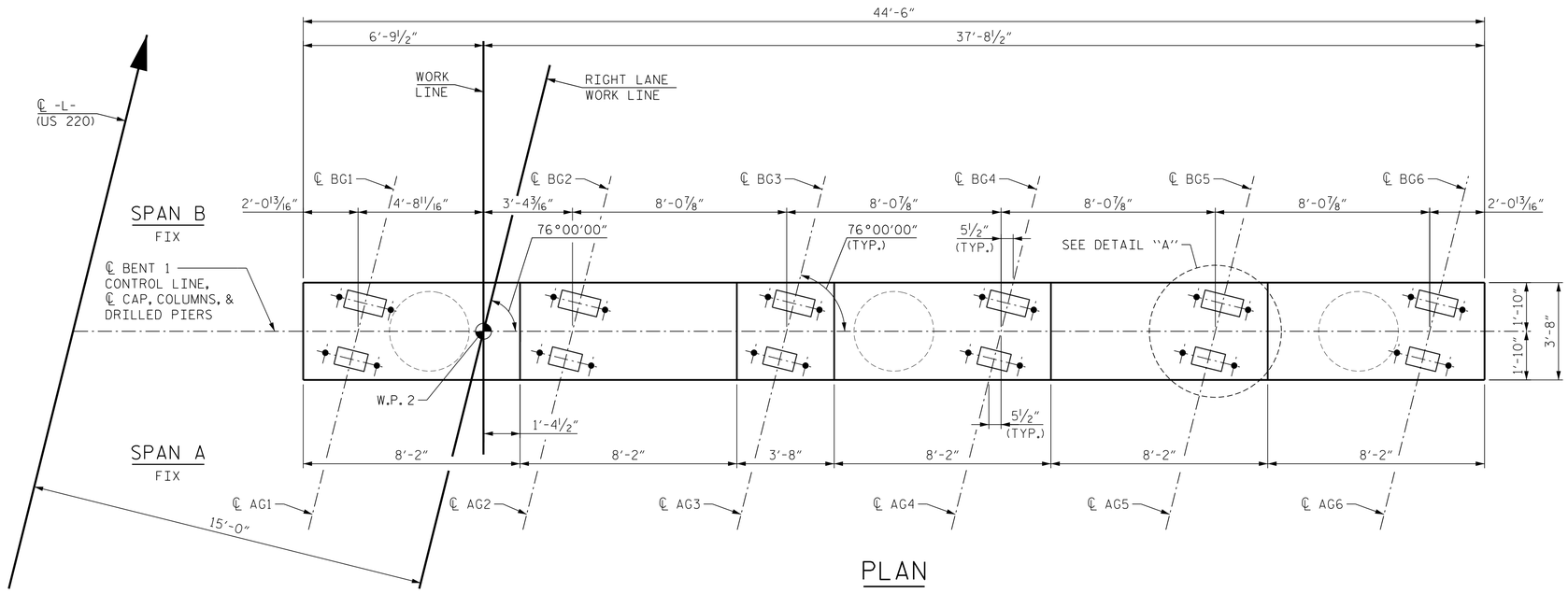
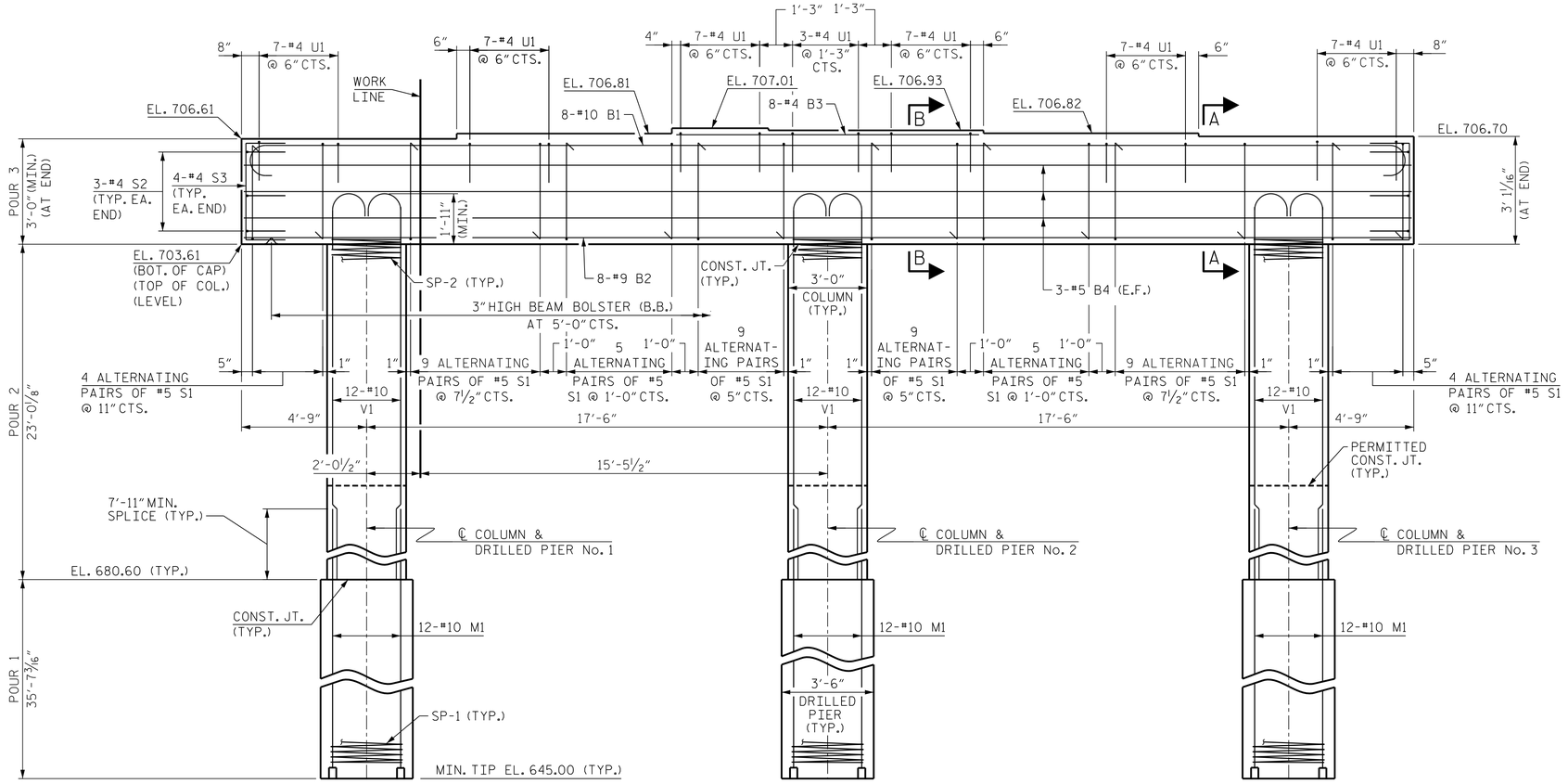



## PLAN




## ELEVATION

## NOTES:

HOOKS ON "V" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.

STIRRUPS AND "U" BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

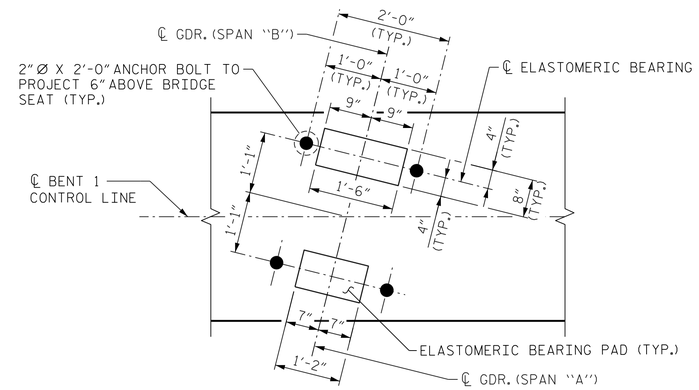
ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "REINFORCING STEEL" AND "SPIRAL COLUMN REINFORCING STEEL."

THE LOCATION OF THE CONSTRUCTION JOINT IN THE DRILLED PIERS IS BASED ON AN APPROXIMATE GROUND LINE ELEVATION. IF THE CONSTRUCTION JOINT IS ABOVE THE ACTUAL GROUND LINE ELEVATION, THE CONTRACTOR SHALL PLACE THE CONSTRUCTION JOINT ONE FOOT BELOW THE GROUND LINE.

FOR DRILLED PIERS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.

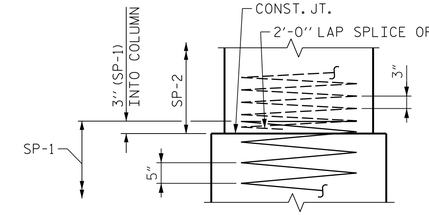
THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR DRILLED PIERS IS DETAILED WITH 3 FEET OF EXTRA LENGTH.

FOR SECTION A-A AND SECTION B-B SEE SHEET 2 OF 2.




## DETAIL "A"

(TYP. EA. GDR.)




## CONSTRUCTION JOINT DETAIL

PROJECT NO. B-5352

ROCKINGHAM COUNTY

STATION: P.O.T. 22+16.89 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

# SUBSTRUCTURE

## BENT 1
## PLAN AND ELEVATION

NORTH CAROLINA PROFESSIONAL SEAL 43031 ENGINEER MATTHEW T. NEIHEISEL

DocuSigned by: Matt Neiheisel 2/20/2018
84E31BF9E30749E...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

| REVISIONS | | | | | SHEET NO. |
|---|---|---|---|---|---|
| BY: | DATE: | NO. | BY: | DATE: | S-28 |
| | | 3 | | | TOTAL SHEETS |
| | | 4 | | | 37 |

DRAWN BY : D. H. CARTER DATE : FEB 2018
CHECKED BY : M. T. NEIHEISEL DATE : FEB 2018
DESIGN ENGINEER OF RECORD: M. T. NEIHEISEL DATE : FEB 2018

HDR | ICA
ICA Engineering, Inc.
555 Fayetteville St., Suite 900
Raleigh, NC 27601
NC License No: F-0258

PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.plt PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl
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