

PLAN

NOTES

THE CONTRACTOR SHALL PROVIDE FOR INSTALLATION OF THE 4" DIAMETER DRAIN PIPE THROUGH THE WING WALL AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS. SEE THE ROADWAY PLANS. REINFORCING STEEL IN THE WING WALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

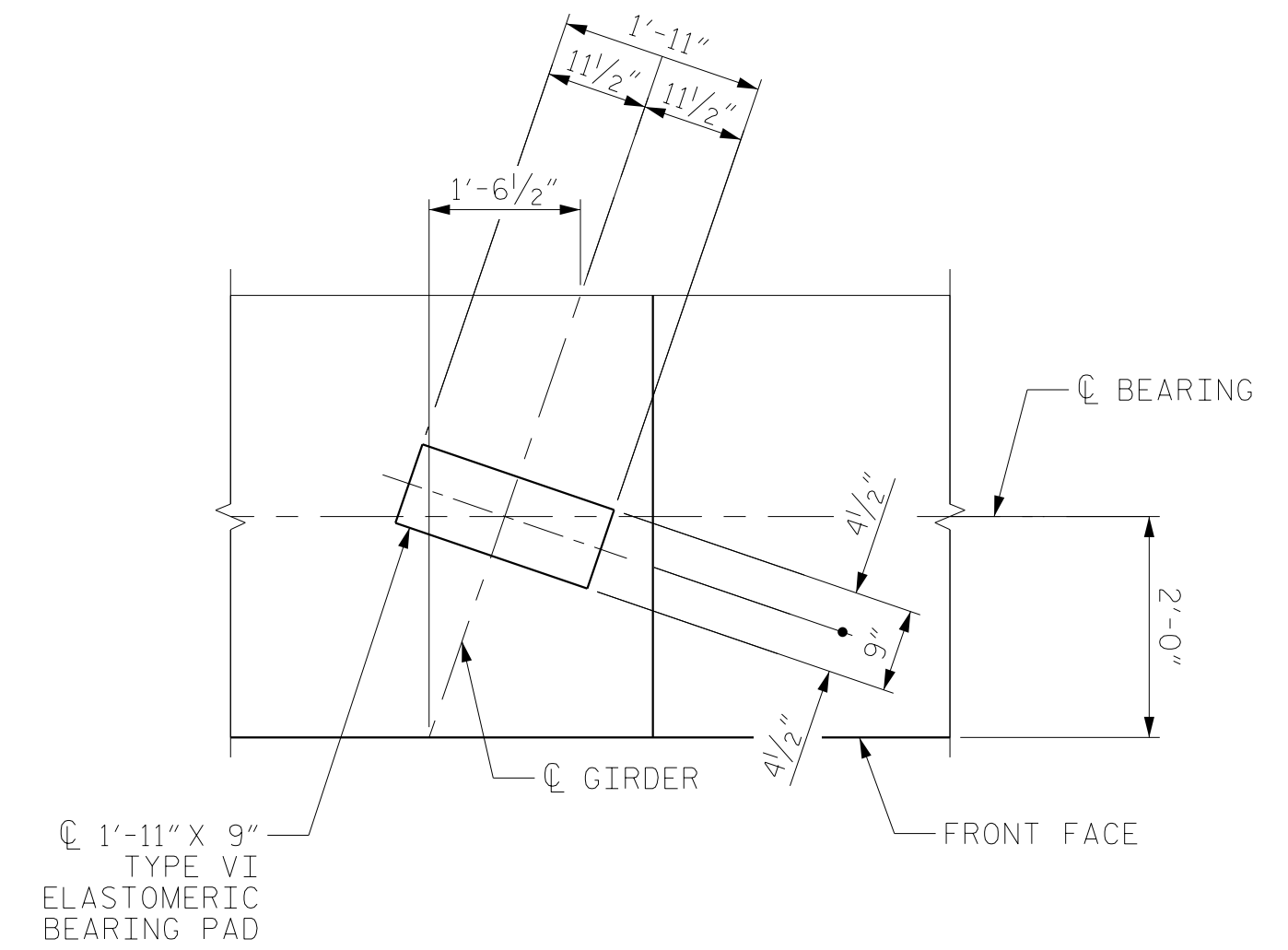
FOR SECTION A-A, SEE SHEET 4 OF 4.

STIRRUPS MAY BE SHIFTED SLIGHTLY TO AVOID #4 D1 BARS IN CAP.

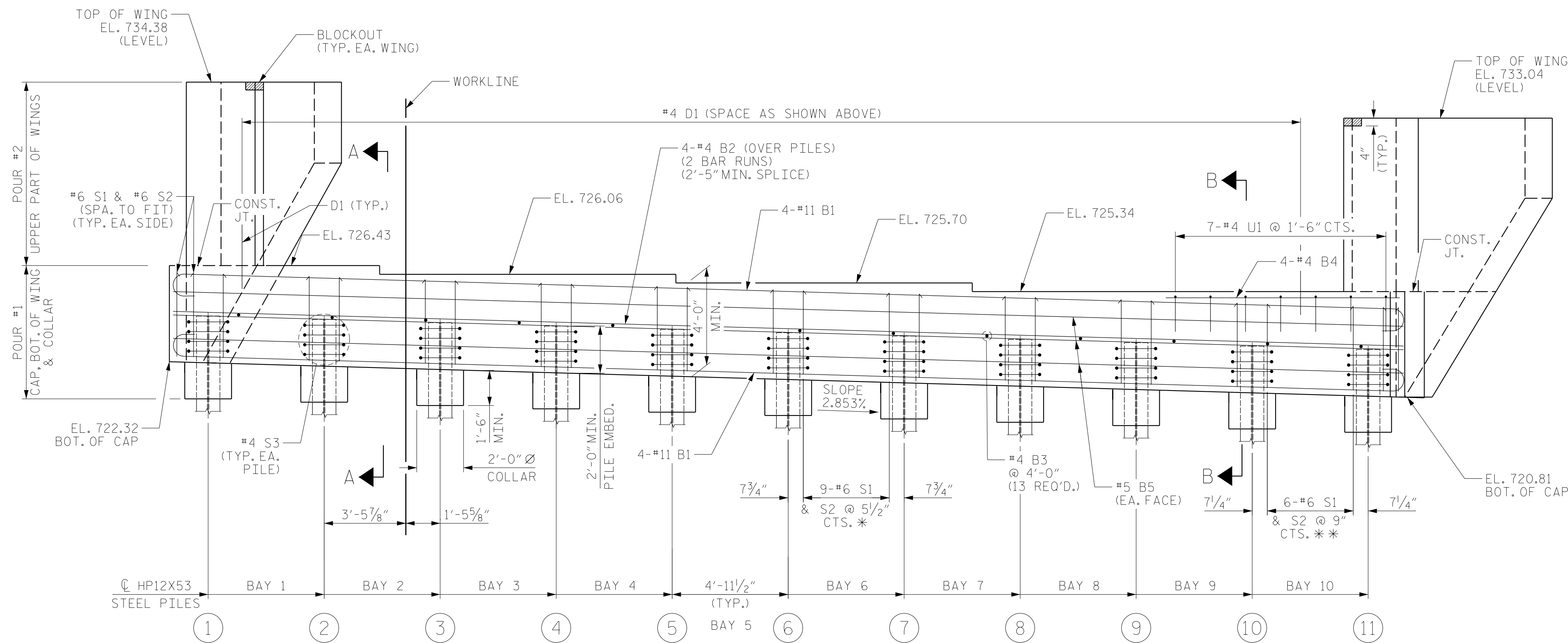
SEE SUPERSTRUCTURE SHEETS FOR UPPER PART OF INTEGRAL END BENT DETAILS.

RLGL = RIGHT LANE GRADE LINE

THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE CONCRETE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.



DETAIL "A-A"
DIMENSIONS TYP. EA. BRG. PILE NOT SHOWN FOR CLARITY



ELEVATION

TOP OF PILE ELEVATIONS	
PILE	ELEVATION
1	724.28
2	724.14
3	724.00
4	723.85
5	723.71
6	723.57
7	723.43
8	723.28
9	723.14
10	723.00
11	722.85

PROJECT NO. R-2707C
CLEVELAND COUNTY
STATION: 384+50.00 -L-

SHEET 1 OF 4



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUBSTRUCTURE
INTEGRAL
END BENT NO. 2
RIGHT LANE

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S2-31
2			4			TOTAL SHEETS 36

DRAWN BY : PDS DATE : 11/2016
CHECKED BY : TLC DATE : 01/2017
DESIGN ENGINEER OF RECORD: MAL DATE : 11/2016

* = TYPICAL BAY 4 THRU BAY 7
** = TYPICAL BAY 1 THRU BAY 3 AND BAY 8 THRU BAY 10

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED