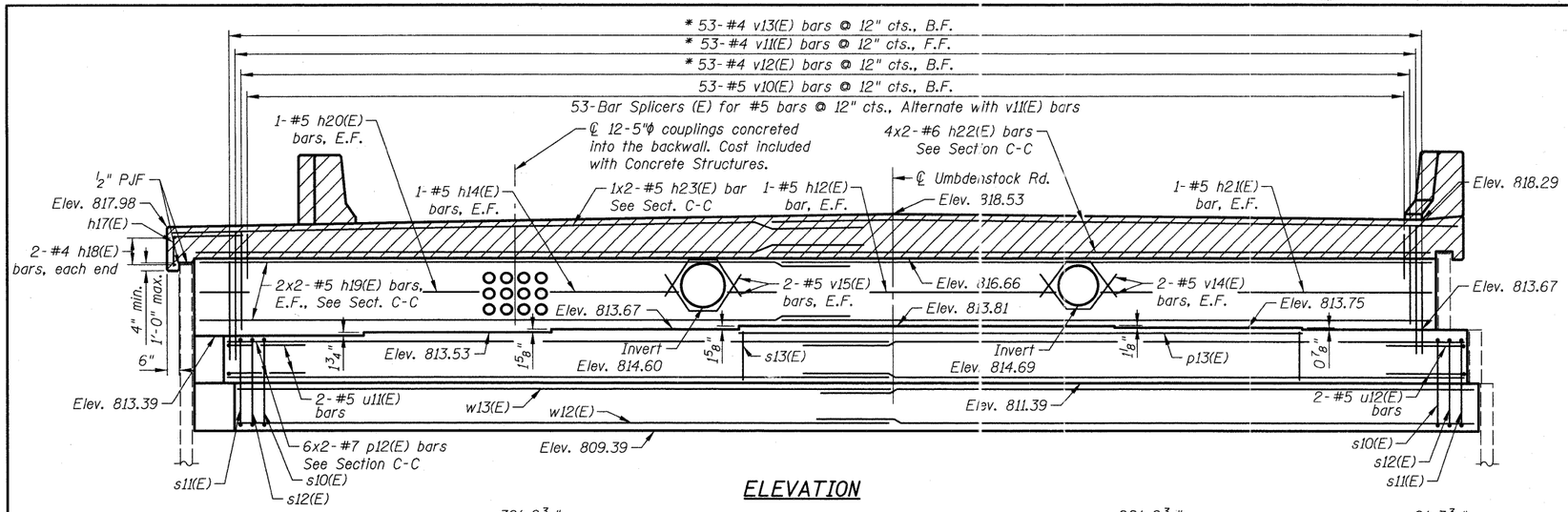
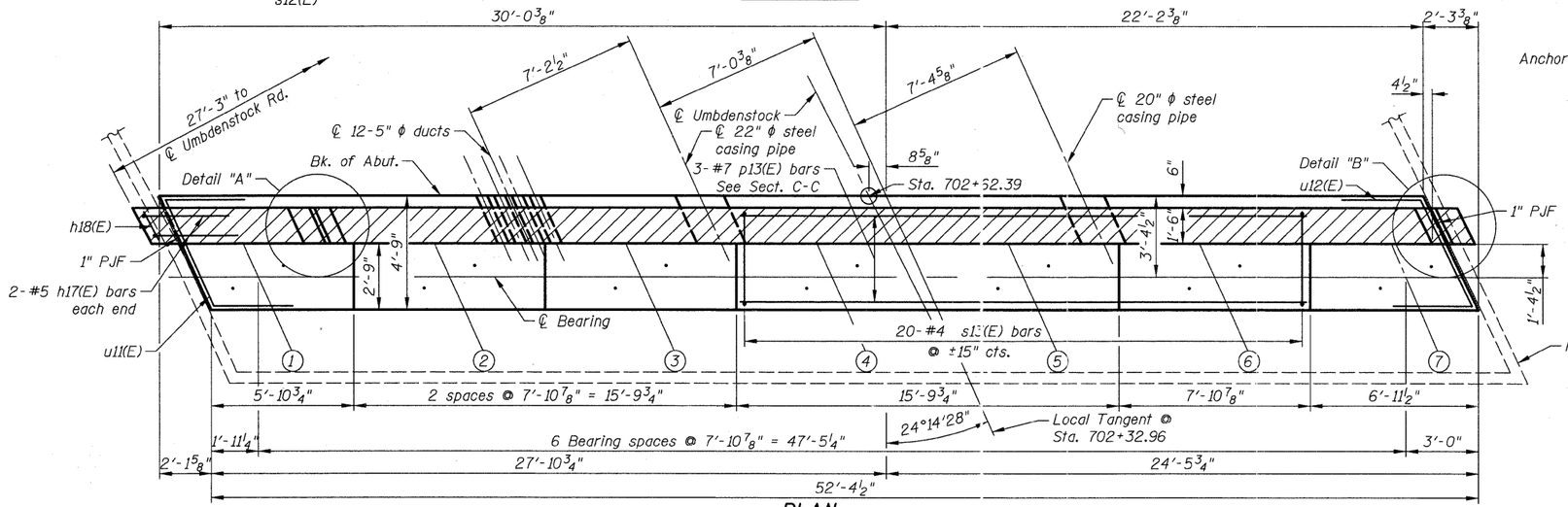
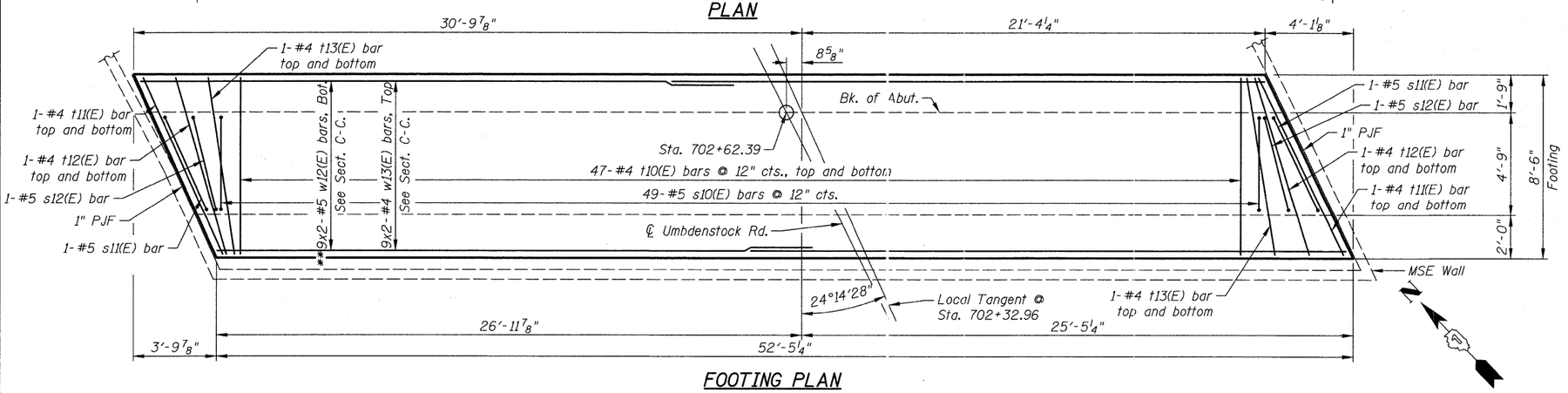


ELEVATION

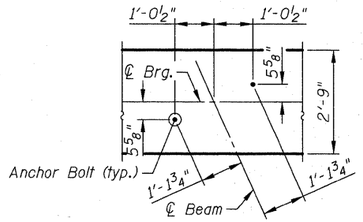


PLAN

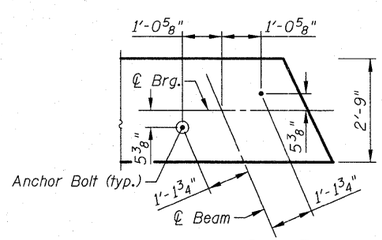


FOOTING PLAN

* Cut bars in field to miss utility openings in backwall.



Beams 1 thru 6



Beam 7

ANCHOR BOLT DIAGRAMS

MINIMUM BAR LAP

#4 bar = 2'-11"
#5 bar = 3'-8"
#6 bar = 4'-5"
#7 bar = 5'-10"

**#5-w12(E) bars to have 3'-3" laps

Notes:

Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure.

Concrete sealer shall be applied to backwalls and bridge seats.

See sheet S15 for Reinforcement Schedule, Bar Bending Diagrams, Bill of Material, Section C-C and Details "A" & "B".

Bars indicated thus 9x2-#5 etc. indicates 9 lines of bars with 2 lengths per line.

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DESIGNED	D. Atkins	REVISED	-
DRAWN	D. Atkins	REVISED	-
CHECKED	G. Hatlestad	REVISED	-
DATE	March 25, 2011	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT
UMBDENSTOCK ROAD OVER CC&P RR
STRUCTURE NO. 045-3162
SHEET NO. S14 OF S28 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-27-BR	KANE	87	47
		CONTRACT NO. 63595		
FED. ROAD DISTRICT 1	ILLINOIS	FED. AID PROJECT		

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