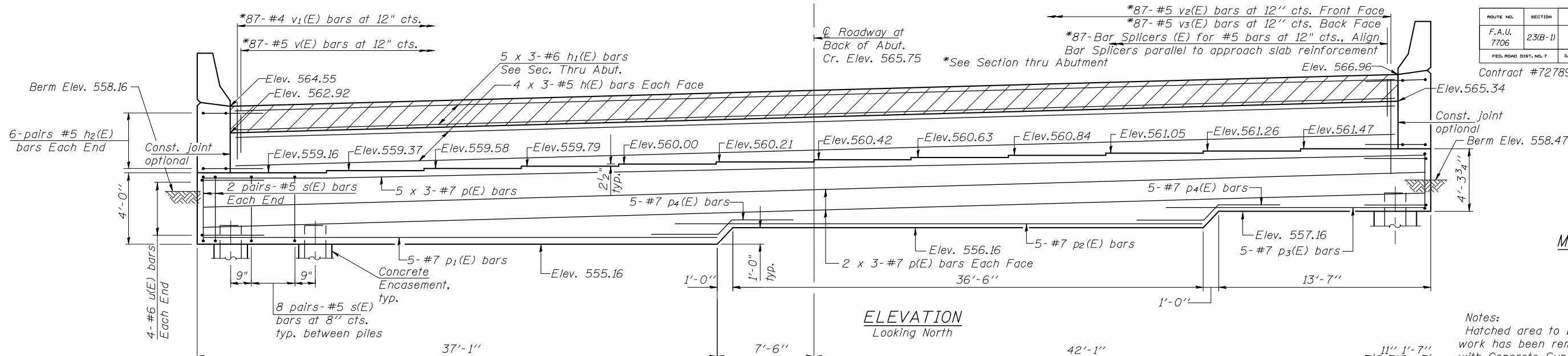


Contract #72789

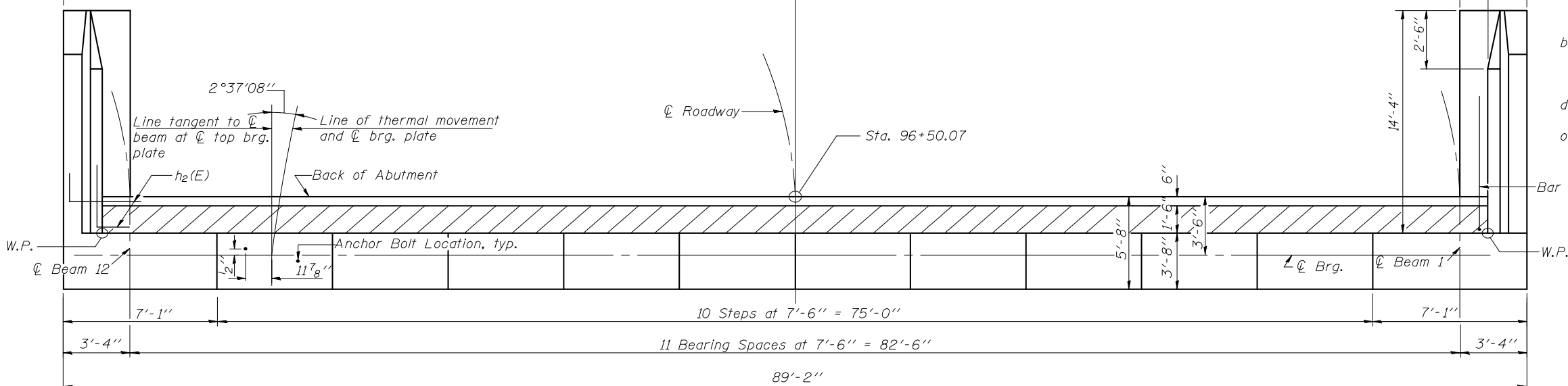
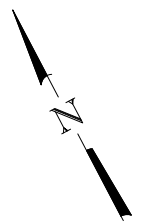


ELEVATION
Looking North

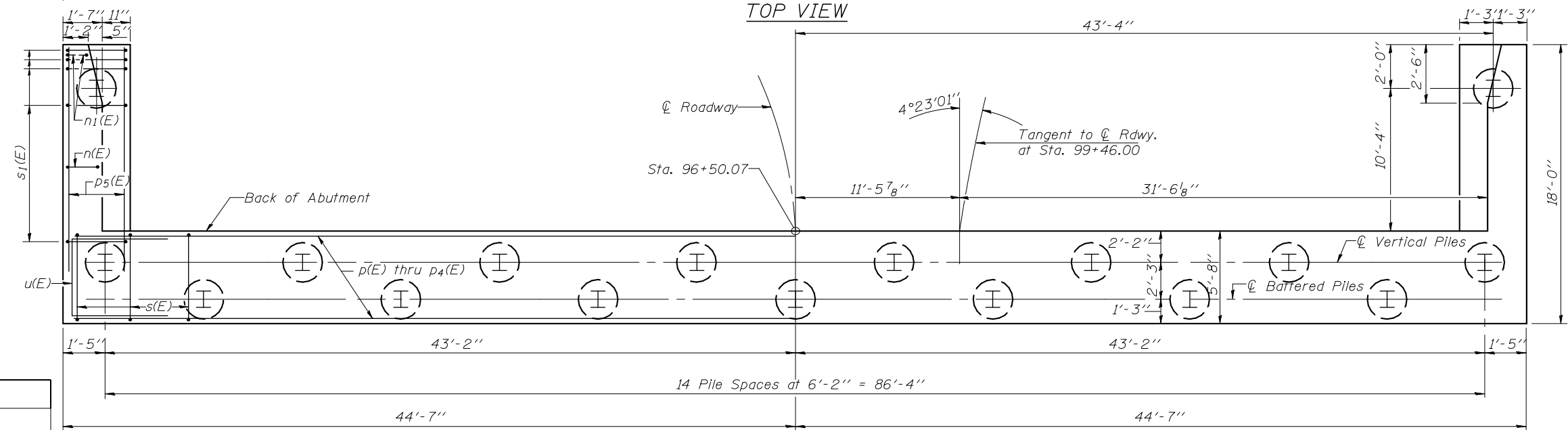
MIN. BAR LAPS

- #5 bars = 3'-8"
- #6 bars = 4'-5"
- #7 bars = 5'-10"

Notes:
 Hatched area to be poured after superstructure false work has been removed. Quantity of concrete included with Concrete Superstructure.
 Space reinforcement in cap to miss anchor bolts. Pour steps monolithically with cap.
 Concrete Sealer shall be applied to the backwall, bridge seat and front face of abutment.
 For Concrete Encasement details, see sheet 45 of 52. See Sheet 35 of 52 for wingwall details. See Sheet 36 of 52 for Section thru Abutment, bar details and Bill of Material.
 Bars indicated thus 5x3-#6 etc. indicates 5 lines of bars with 3 lengths per line.



TOP VIEW



PLAN-PILE CAP

PILE DATA

Type: HP 12x53
 Nominal Required Bearing: 419 kips
 Factored Resistance Available: 209 kips
 Est. Length: 42 feet
 No. Production Piles: 16
 No. Test Piles: 1

NORTH ABUTMENT
 F.A.U. ROUTE 7706 - SECTION 23(B-1)
 LOGAN COUNTY
 STATION 99+46.00
 STRUCTURE NO. 054-0512

DESIGNED	CME
CHECKED	GJB
DRAWN	TFG
CHECKED	MCB

COOMBE-BLOXDORF P.C.
 Engineers / Land Surveyors
 Springfield, Illinois
 Design Firm License No. 184-002708