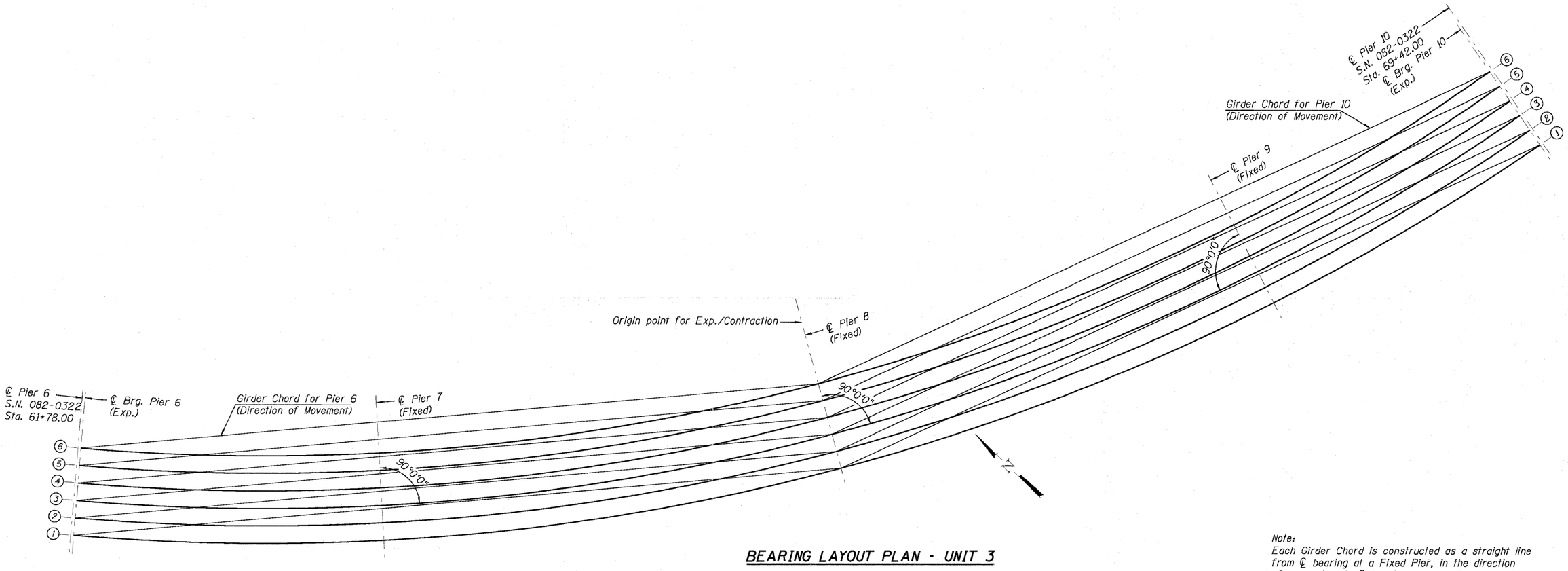
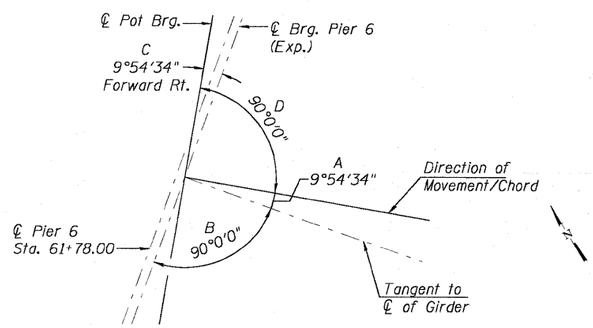


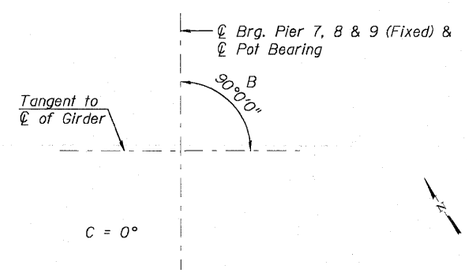
BEARING LAYOUT PLAN - UNIT 3

Note:
Each Girder Chord is constructed as a straight line from ℄ bearing at a Fixed Pier, in the direction of expansion, to ℄ bearing at each Expansion Pier.

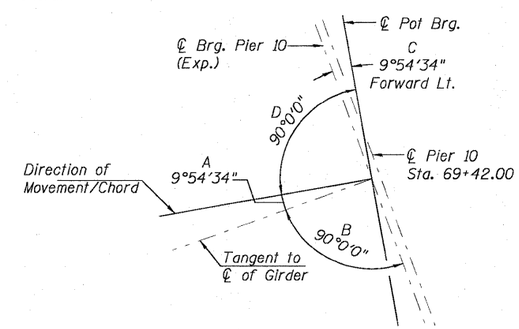
Notes:
A = Angle between Tangent to Girder and Direction of Movement/Chord.
B = Angle between Tangent to Girder and ℄ of Pier or Abutment.
C = Setting angle between ℄ of Bearing Base Plate and ℄ of Pier or Abutment.
D = Set Bearing Base Plates at right angles to the Direction of Movement/Chord.



PIER 6



PIER 7, 8 & 9



PIER 10

BEARING ORIENTATION- UNIT 3

AECOM	USER NAME =	DESIGNED - LLV	REVISED -
		DRAWN - BRD	REVISED -
	PLOT SCALE = 0:2.0000 '1' / IN.	CHECKED - PJL	REVISED -
	PLOT DATE = 6/27/2011	DATE - 07-01-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEARING ORIENTATION DETAILS – UNIT 3
I-70E OVER I-55, CSX & KCS RAILROADS

SCALE: | SHEET S-132 OF S-234 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-2	ST. CLAIR	399	259
	S.N. 082-0322 & S.N. 082-0324	CONTRACT NO. 76C76		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

K:\projects\60046609\s-082-0322 & 0324 flyover\100_cad\101_drawings\76c08_master_consolidated\structural\082-0322\sheet\082-0322-0324_76C76_SE03_Bearing-Unit-3.dgn