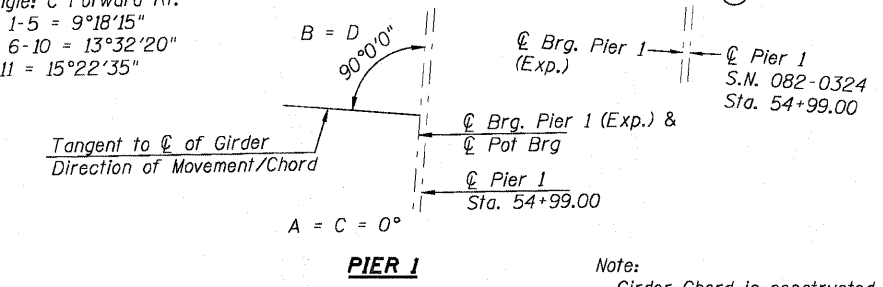


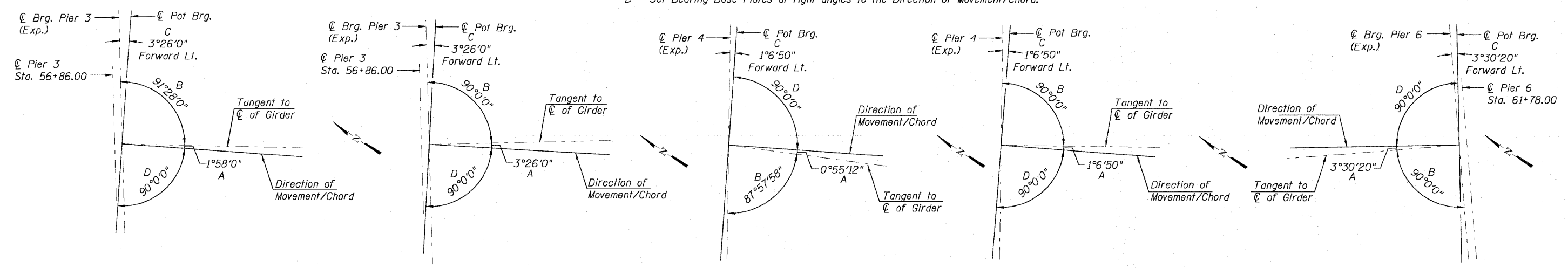
BEARING LAYOUT PLAN - UNIT 2

Brg. Angle: C Forward Rt.
 Girders 1-5 = 9°18'15"
 Girders 6-10 = 13°32'20"
 Girder 11 = 15°22'35"



Note:
 Girder Chord is constructed as a straight line from C bearing at a Fixed Pier, in the direction of expansion, to C bearing at each Expansion Pier. Only one chord per Expansion Pier is indicated. All other chords are parallel to the one shown chord and pass thru C Exp. Brg. at each Girder.

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



**PIER 3
GIRDERS 1-4**

**PIER 3
GIRDERS 7-11**

**PIER 4
GIRDERS 1-5**

**PIER 4
GIRDERS 7-9**

PIER 6

BEARING ORIENTATION- UNIT 2

AECOM	USER NAME =	DESIGNED - LLV	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BEARING ORIENTATION DETAILS - UNIT 2 I-70E OVER I-55, CSX & KCS RAILROADS		F.A.I. RTE. 70	SECTION 82-1-B-2	COUNTY ST. CLAIR	TOTAL SHEETS 399	SHEET NO. 258
	PLOT SCALE = 0x2.0000" 1" / IN.	CHECKED - PJL	REVISED -		SCALE:	SHEET S-131 OF S-234 SHEETS	STA. TO STA.	S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76	
	PLOT DATE = 6/27/2011	DATE - 07-01-11	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		