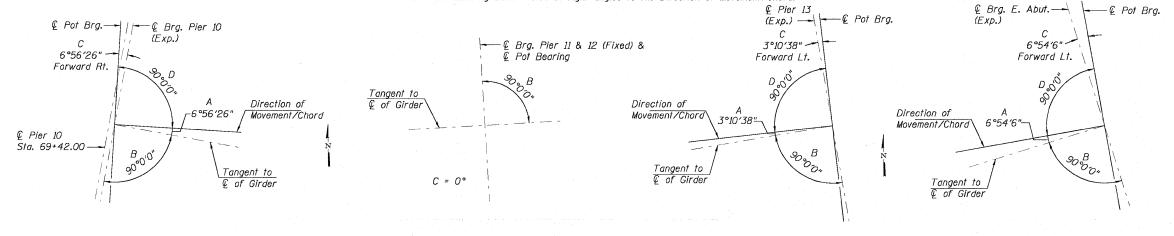


## BEARING LAYOUT PLAN - UNIT 4

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.



<u>PIER 10</u>

PIER 11 & 12

<u>PIER 13</u>

E. ABUT.

## BEARING ORIENTATION- UNIT 4

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

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**  **BEARING ORIENTATION DETAILS- UNIT 4** I-70E OVER I-55, CSX & KCS RAILROADS SHEET S-133 OF S-234 SHEETS STA.

COUNTY TOTAL SHEET NO.
ST. CLAIR 399 260 SECTION 82-1-B-2 S.N. 082-0322 & S.N. 082-0324 | CONTRACT NO. 76C76 FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT