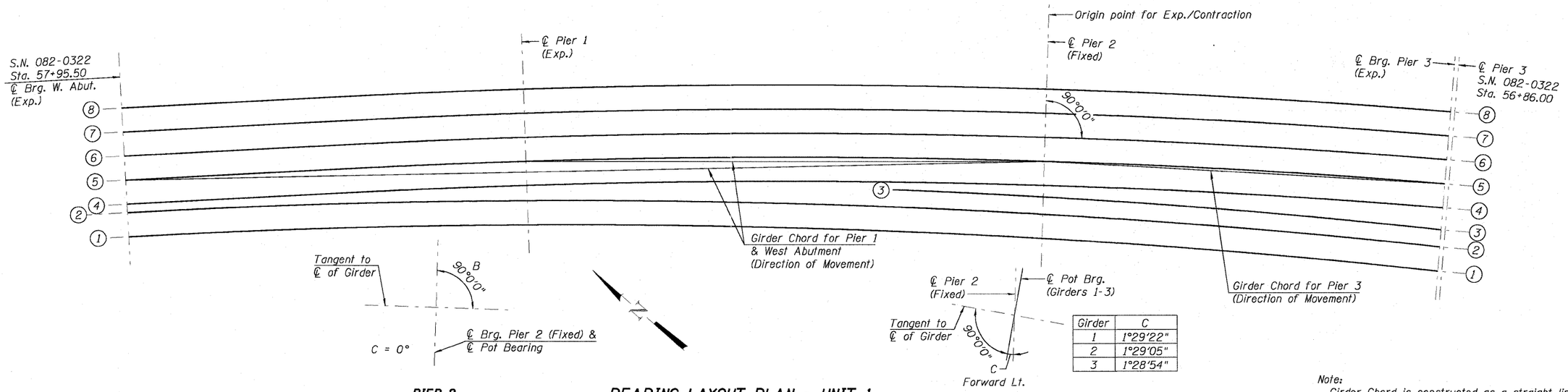


Girder	C
1	1°29'22"
2	1°29'05"
3	1°28'54"

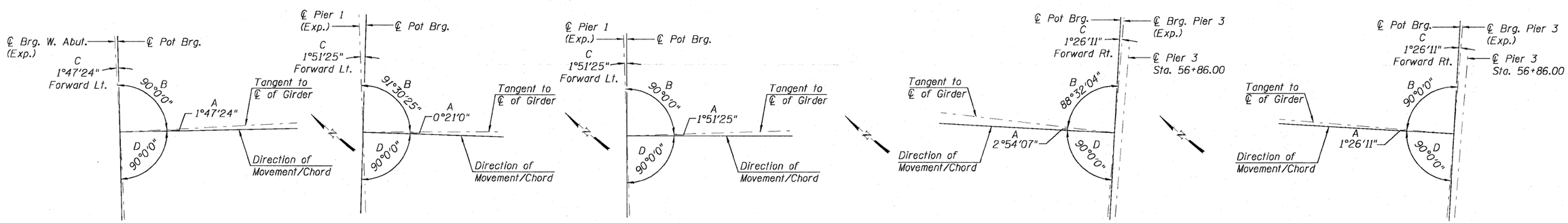
PIER 2
GIRDERS 4-8

BEARING LAYOUT PLAN - UNIT 1

PIER 2
GIRDERS 1-3

Note:
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.
Only one chord per Expansion Pier is indicated. All other chords are parallel to the one shown chord and pass thru ℄ Exp. Brg. at each Girder.

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.



W. ABUT.

PIER 1
GIRDERS 1-2

PIER 1
GIRDERS 4-8

PIER 3
GIRDERS 1-3

PIER 3
GIRDERS 4-8

BEARING ORIENTATION- UNIT 1

AECOM	USER NAME =	DESIGNED - LLV	REVISED -
		DRAWN - BRD	REVISED -
	PLOT SCALE = 012.0000 ' / IN.	CHECKED - PJL	REVISED -
	PLOT DATE = 6/27/2011	DATE - 07-01-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEARING ORIENTATION DETAILS – UNIT 1
I-70E OVER I-55, CSX & KCS RAILROADS

SCALE: | SHEET S-130 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	257
	S.N. 082-0322 & S.N. 082-0324	CONTRACT NO. 76C76		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

k:\projects\60046609\sn082-0322 & 0324 flyover\900.cad\901.drawings\76c00.master-consolidated\structural\082-0322\sheet\082-0322-0324_76C76.SE01.Bearingunit-1.dgn