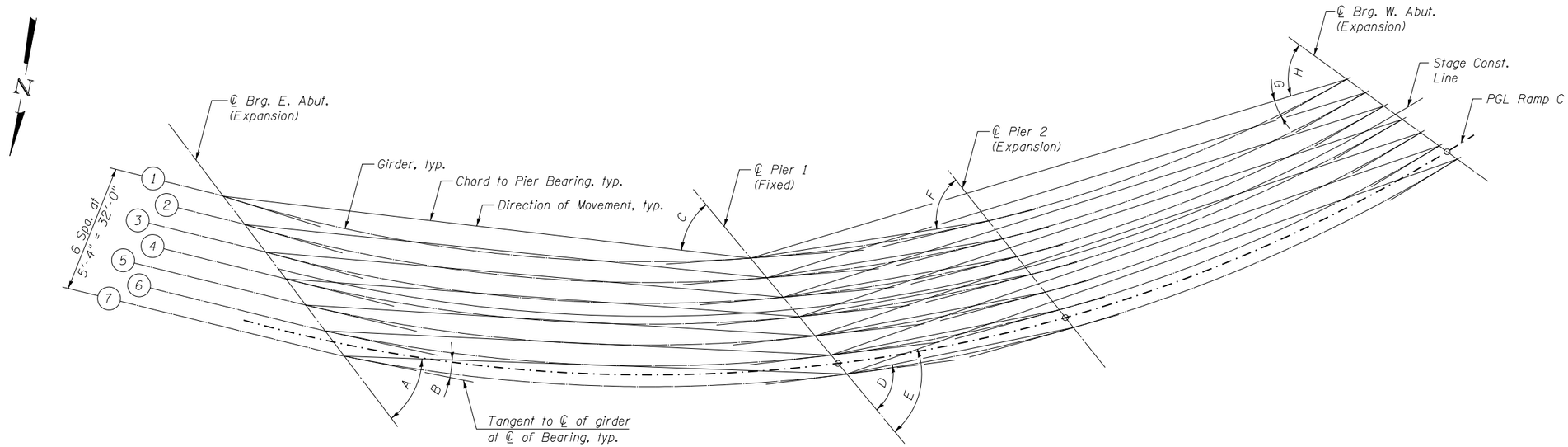
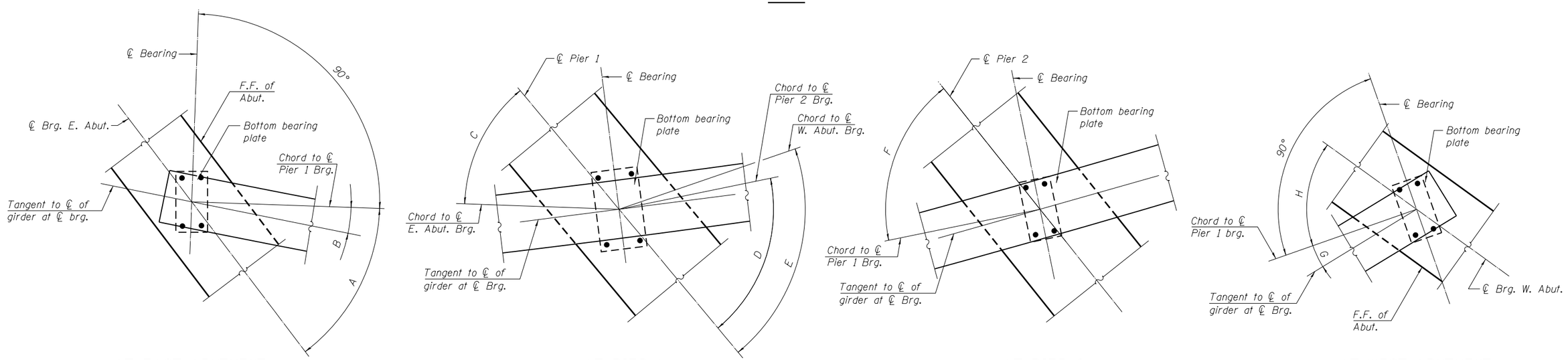


PLAN



AT EAST ABUTMENT

AT PIER 1

AT PIER 2

AT WEST ABUTMENT

ENLARGED PARTIAL PLAN

LAYOUT ANGLES

GIRDER	WEST ABUTMENT		PIER 1			PIER 2	EAST ABUTMENT	
	A	B	C	D	E	F	G	H
1	46.17°	10.74°	43.55°	59.14°	66.92°	60.33°	12.63°	52.53°
2	47.05°	10.46°	44.42°	59.63°	67.41°	60.82°	12.52°	53.02°
3	47.88°	10.21°	45.24°	60.1°	67.88°	61.29°	12.42°	53.49°
4	48.67°	9.97°	46.03°	60.55°	68.33°	61.74°	12.33°	53.94°
5	49.42°	9.75°	46.79°	60.99°	68.77°	62.18°	12.24°	54.38°
6	50.15°	9.54°	47.51°	61.42°	69.19°	62.6°	12.15°	54.81°
7	50.84°	9.34°	48.2°	61.83°	69.61°	63.02°	12.06°	55.22°

Notes:
For Bearing Details, see sheets S30 & S31 of S49.
Coordinate Anchor Bolt locations with Abutment and Pier Detail plans.

COLLINS ENGINEERS 123 N. Wacker Dr. Suite 900 Chicago, IL. 60606 Tele: (312) 704-9300 Fax (312) 704-9320 www.collinsengr.com
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO.184-000993

USER NAME =	DESIGNED - MAH	REVISED
	CHECKED - LDB	REVISED
PLOT SCALE =	DRAWN - DR	REVISED
PLOT DATE =	CHECKED - JMH	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEARING LAYOUT
STRUCTURE NO. 016-1322
SHEET NO. S29 OF S49 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0383	0303-474HB-R	COOK	368	221
		CONTRACT NO. 60F63		
		ILLINOIS FED. AID PROJECT		