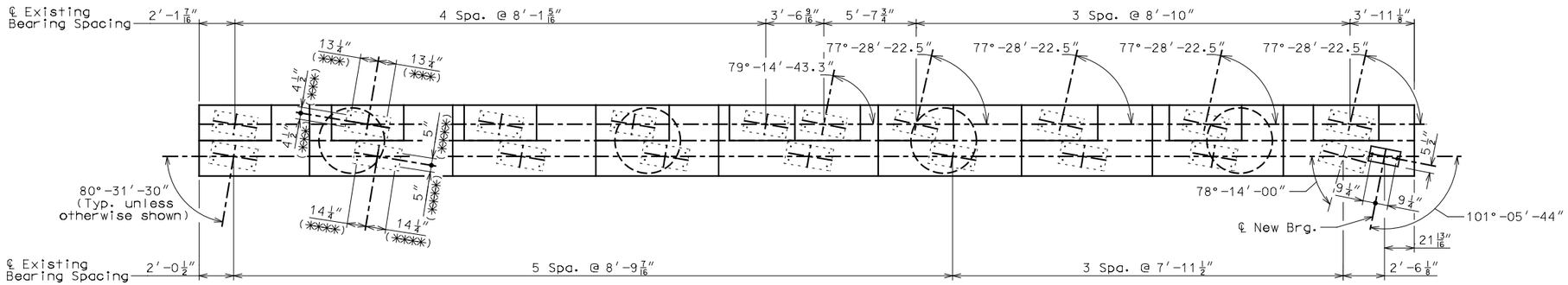


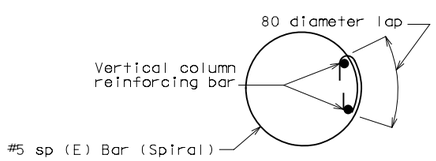
TOP PLAN OF EXISTING BEARING AND ANCHOR BOLT SPACING

Notes:

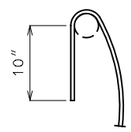
Bearing orientation, bearing spacing and anchor bolt spacing shown are taken from As-Built drawings. It is the contractor's responsibility to verify these prior to forming the pier cap. Contractor shall reinstall the bearings in the same location and orientation as they are currently installed on the existing pier cap.

(✱✱✱) Anchor Bolt Spacing from ℄ of Existing Bearings are Typical for East Side of Pier Cap.

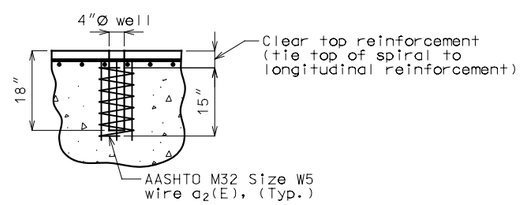
(✱✱✱✱) Anchor Bolt Spacing from ℄ of Existing Bearings are Typical for West Side of Pier Cap.



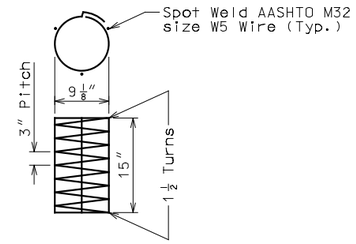
ANCHOR SPLICES IN SPIRAL AROUND VERTICAL BAR



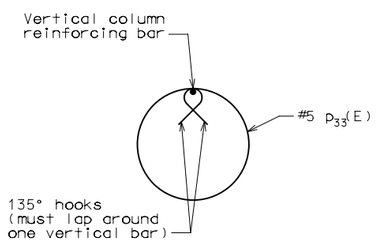
DETAILS OF 135° SEISMIC SPIRAL TIE HOOK



DETAIL OF ANCHOR BOLT WELLS



DETAIL OF SPIRAL REINFORCMENT



DETAIL OF SEISMIC STIRRUP BAR

PIER 5 EASTBOUND

Detailed Oct 2015
Checked Oct 2015

Note: This drawing is not to scale. Follow dimensions.

STATE OF ILLINOIS
MICHAEL B. QUIRIN
081-006070
CHICAGO, ILLINOIS
LICENSED STRUCTURAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

DATE PREPARED	11/23/2015
ROUTE	I-64
STATE	IL
DISTRICT	STL
SHEET NO.	14
COUNTY	ST. CLAIR
JOB NO.	J6I2377C/J6I2377D
CONTRACT ID.	—
PROJECT NO.	—
BRIDGE NO.	082-0005

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

HDR Engineering, Inc.
401 S. 18th Street
Suite 300
St. Louis, MO 63103-2267
314-425-8300
Certificate of Authority: 000856