

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: June 21, 2016
Date of Addendum: May 26, 2016

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
011	97-3761-006-A	BRIDGE REPLACEMENT - PPCB	WOODBURY	BRF-376-1(6)--38-97	21JUN011.A02

Make the following change to the PLAN:

SHEET 2:

Change the following note of the GENERAL NOTES:

From: REMOVALS SHALL BE IN ACCORDANCE WITH SECTION 2401,
OF THE STANDARDSPECIFICATIONS.

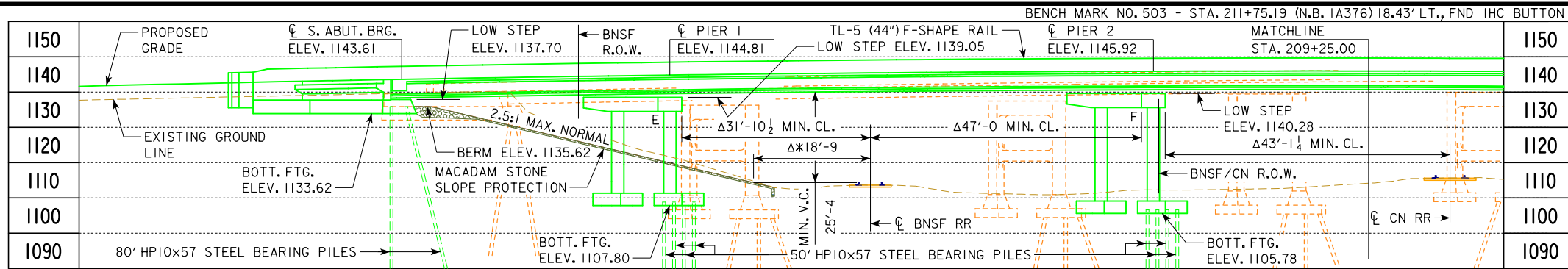
To: REMOVALS SHALL BE IN ACCORDANCE WITH SECTION 2401,
OF THE STANDARDSPECIFICATIONS, EXCEPT THE REMOVAL
LIMIT FOR THE TWO EXISTING PIERS WITHIN THE CN R.O.W.
SHALL BE TAKEN AT THE TOP OF THE EXISTING PIER
FOOTINGS.

SHEETS 4 AND 5:

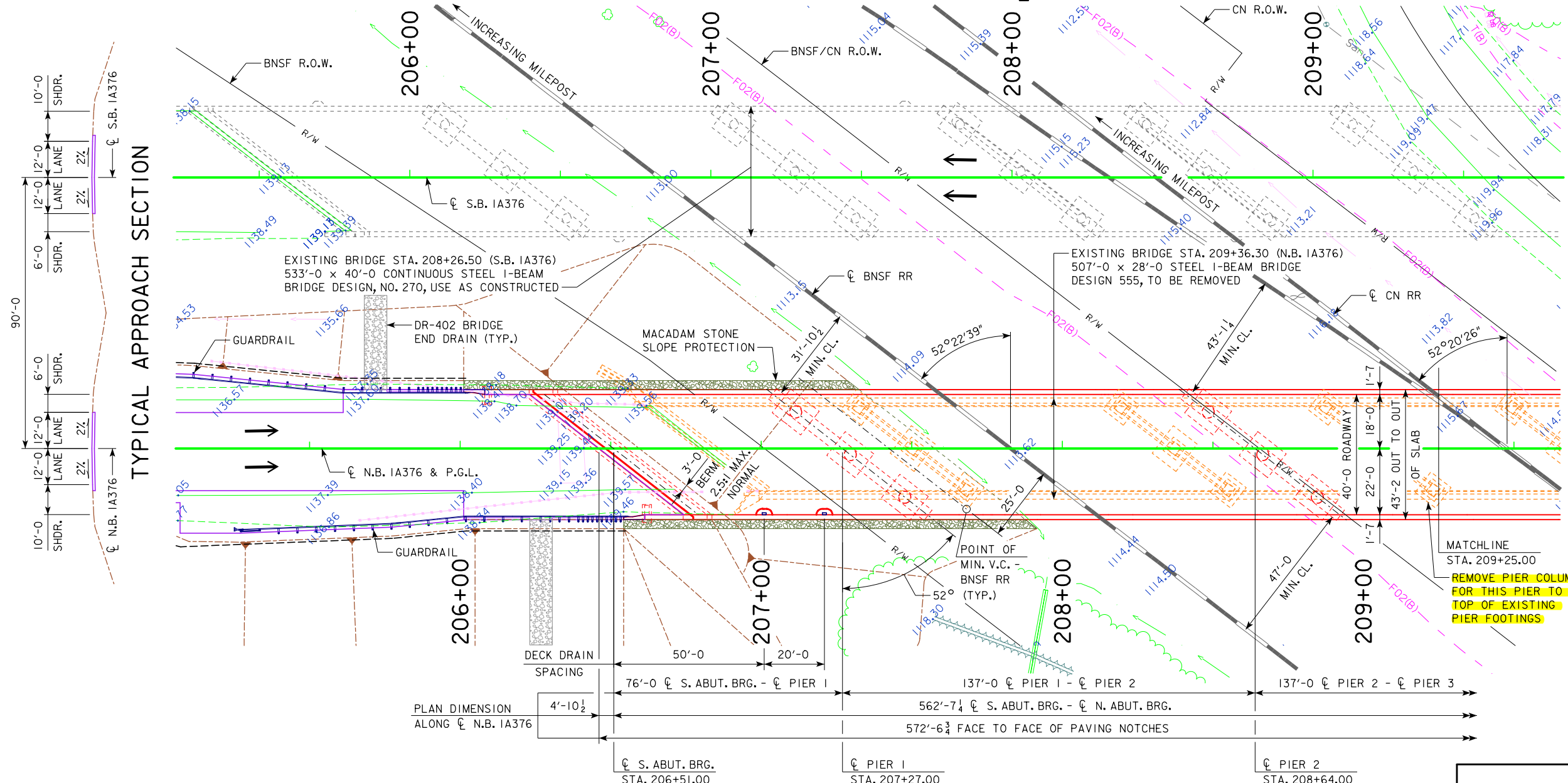
ADD NOTE:

REMOVE PIER COLUMNS FOR THIS PIER TO TOP OF EXISTING PIER
FOOTINGS

Replace SHEETS 2, 4 and 5 with the attached SHEETS 2, 4 and 5.



LONGITUDINAL SECTION ALONG CL N.B. IA376



4.000% -1.006%
 VPI STA = 207+00.00
 VPI ELEV = 1148.81
 VC = 700'

PROPOSED PROFILE GRADE ON N.B. IA376

TRAFFIC ESTIMATE

2015 AADT	8400	V.P.D.
2035 AADT	13,100	V.P.D.
2035 DHV		V.P.H.
TRUCKS	11	%

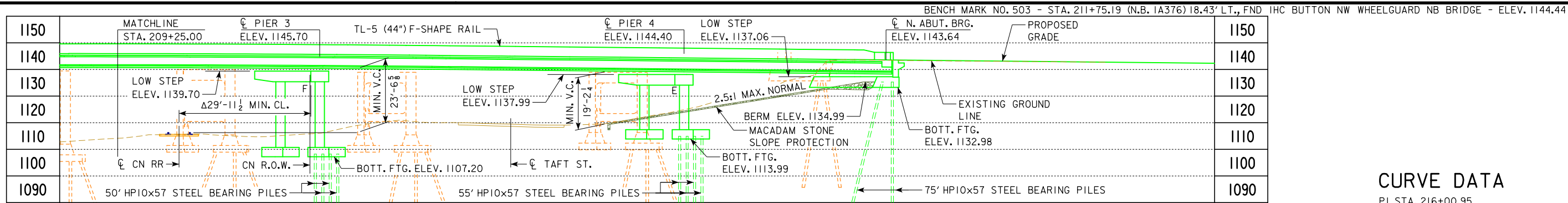
UTILITIES LEGEND:
 San. - SANITARY SEWER CITY OF SIOUX CITY
 FO(B) - FIBER OPTIC LONG LINE
 F02(B) - FIBER OPTIC VERIZON
 T(B) - TELEPHONE CENTURY LINK

LOCATION
 IA376 N.B. OVER
 BNSF RR, CN RR & TAFT ST.
 FRA CROSSING NO. 070183L & 307686R
 IOWA RR CROSSING NO. 970
 T-89N R-47W
 SECTION 12
 SIOUX CITY TOWNSHIP
 WOODBURY COUNTY
 CITY OF SIOUX CITY
 BRIDGE MAINT. NO. 9799.0R376
 LATITUDE 42.546552°
 LONGITUDE -96.350078°
 FHWA #53071

MINIMUM VERTICAL CLEARANCE - BNSF RR
 OVERHEAD STATION = 207+68.18, OFFSET 20.08' RT.
 OVERHEAD ELEVATION = 1144.88
 DEPTH OF SUPERSTRUCTURE = 5.25'
 UNDERPASS STATION = NA, OFFSET 25.00' LT.
 UNDERPASS ELEVATION = 1114.30'
 MINIMUM VERTICAL CLEARANCE = 25.33'
 REQUIRED VERTICAL CLEARANCE = 23.33'

DESIGN FOR 52° SKEW (R.A.)
562'-7 1/4" x 40'-0" PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGE
 76'-0" END SPANS (3) 137'-0" INTERIOR SPANS
SITUATION PLAN
 STATION: 209+32.30 OCTOBER 2015
WOODBURY COUNTY
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 DESIGN SHEET NO. 3 OF 53 FILE NO. 30859 DESIGN NO. 215

SITUATION PLAN



CURVE DATA

PI STA. 216+00.95
 $\Delta = 26^\circ 30' 03.31''$ (RT)
 $D = 4^\circ 59' 58.67''$
 $T = 269.86$
 $L = 530.06$
 $E = 31.34$
 $R = 1146.00$
 $e = 6.00\%$
 $I = 250.00$
 $x = 77.00$

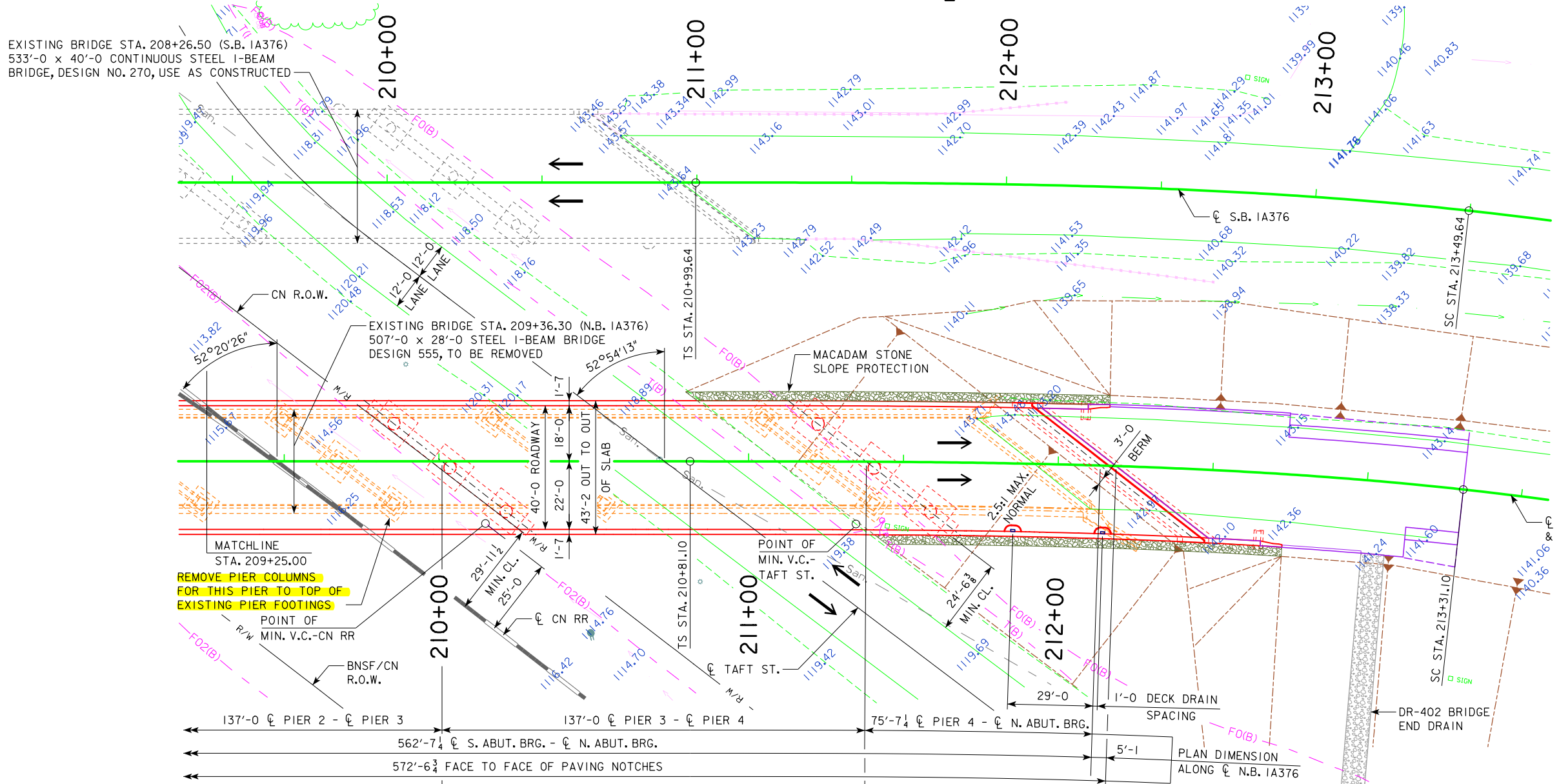
SPIRAL DATA

SCS PI STA. 216+12.67
 $\Delta = 39^\circ 00' 00.00''$ (RT)
 $\theta_s = 6^\circ 14' 58.34''$
 $L_s = 250.00$
 $T_s = 531.57$
 $E_s = 72.14$
 $P = 2.27$
 $K = 124.95$
 $X_c = 249.70$
 $Y_c = 9.08$
 $LT = 166.77$
 $ST = 83.43$
 $LC = 249.87$
 $TS STA. 210+81.10$
 $SC STA. 213+31.10$

UTILITIES LEGEND:

San. - SANITARY SEWER CITY OF SIOUX CITY
 FO(B) - FIBER OPTIC LONG LINE
 F02(B) - FIBER OPTIC VERIZON
 T(B) - TELEPHONE CENTURY LINK

LONGITUDINAL SECTION ALONG C N.B. IA376



MINIMUM VERTICAL CLEARANCE - CN RR
 OVERHEAD STATION = 210+15.01, OFFSET 20.08' RT.
 OVERHEAD ELEVATION = 1145.20
 DEPTH OF SUPERSTRUCTURE = 5.32'
 UNDERPASS STATION = NA, OFFSET 25.00' RT.
 UNDERPASS ELEVATION = 1116.32'
 MINIMUM VERTICAL CLEARANCE = 23.55'
 REQUIRED VERTICAL CLEARANCE = 23.33'

MINIMUM VERTICAL CLEARANCE - TAFT ST.
 OVERHEAD STATION = 211+34.68, OFFSET 20.08' RT.
 OVERHEAD ELEVATION = 1144.04
 DEPTH OF SUPERSTRUCTURE = 5.25'
 UNDERPASS STATION = NA, OFFSET 21.02' RT.
 UNDERPASS ELEVATION = 1119.60'
 MINIMUM VERTICAL CLEARANCE = 19.19'
 REQUIRED VERTICAL CLEARANCE = 15.00'

SITUATION PLAN



DESIGN FOR 52° SKEW (R.A.)
562'-7 1/4" x 40'-0" PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGE
 76'-0" END SPANS (3) 137'-0" INTERIOR SPANS
SITUATION PLAN
 STATION: 209+32.30 OCTOBER 2015
WOODBURY COUNTY
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 DESIGN SHEET NO. 4 OF 53 FILE NO. 30859 DESIGN NO. 215