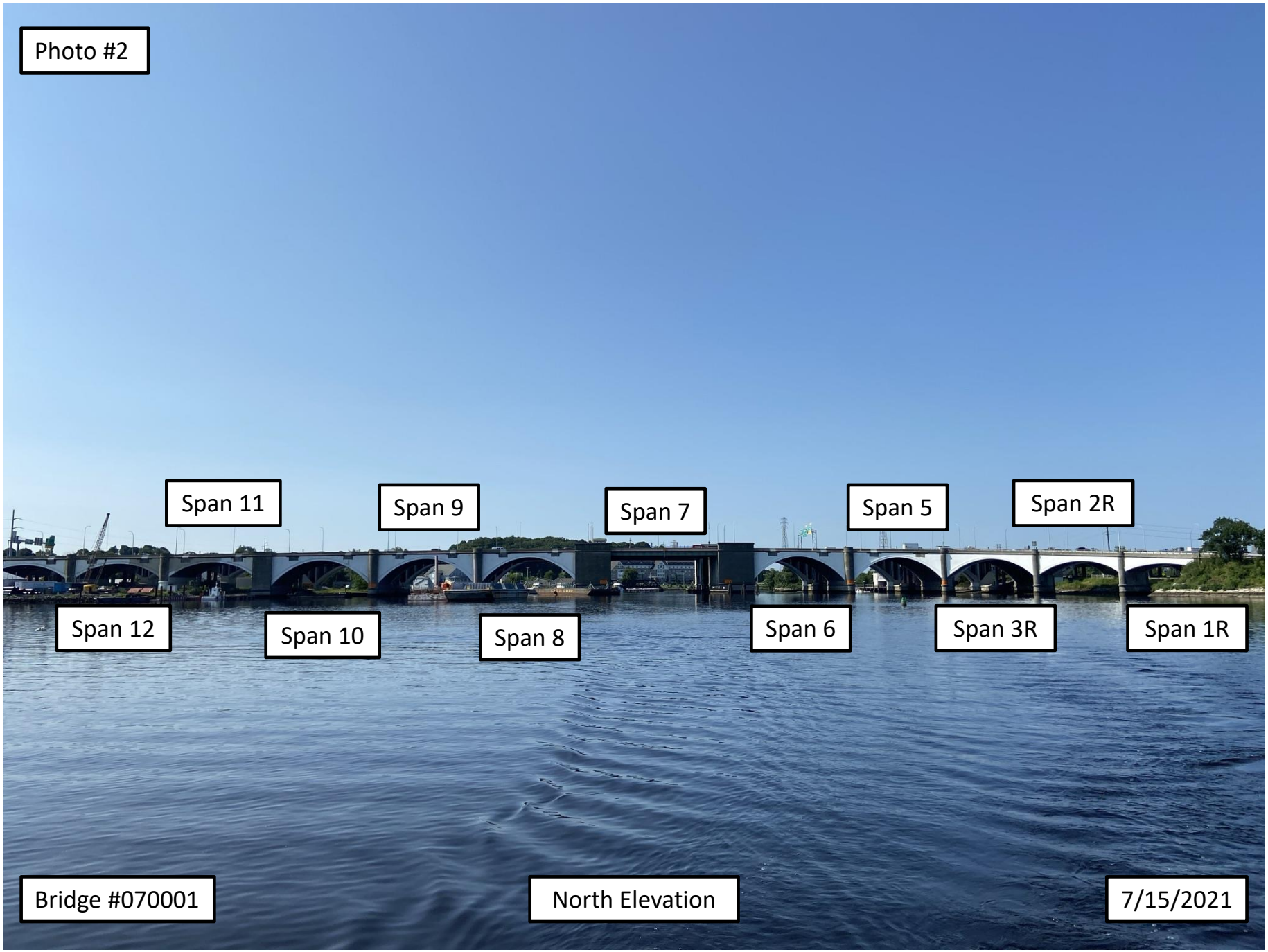
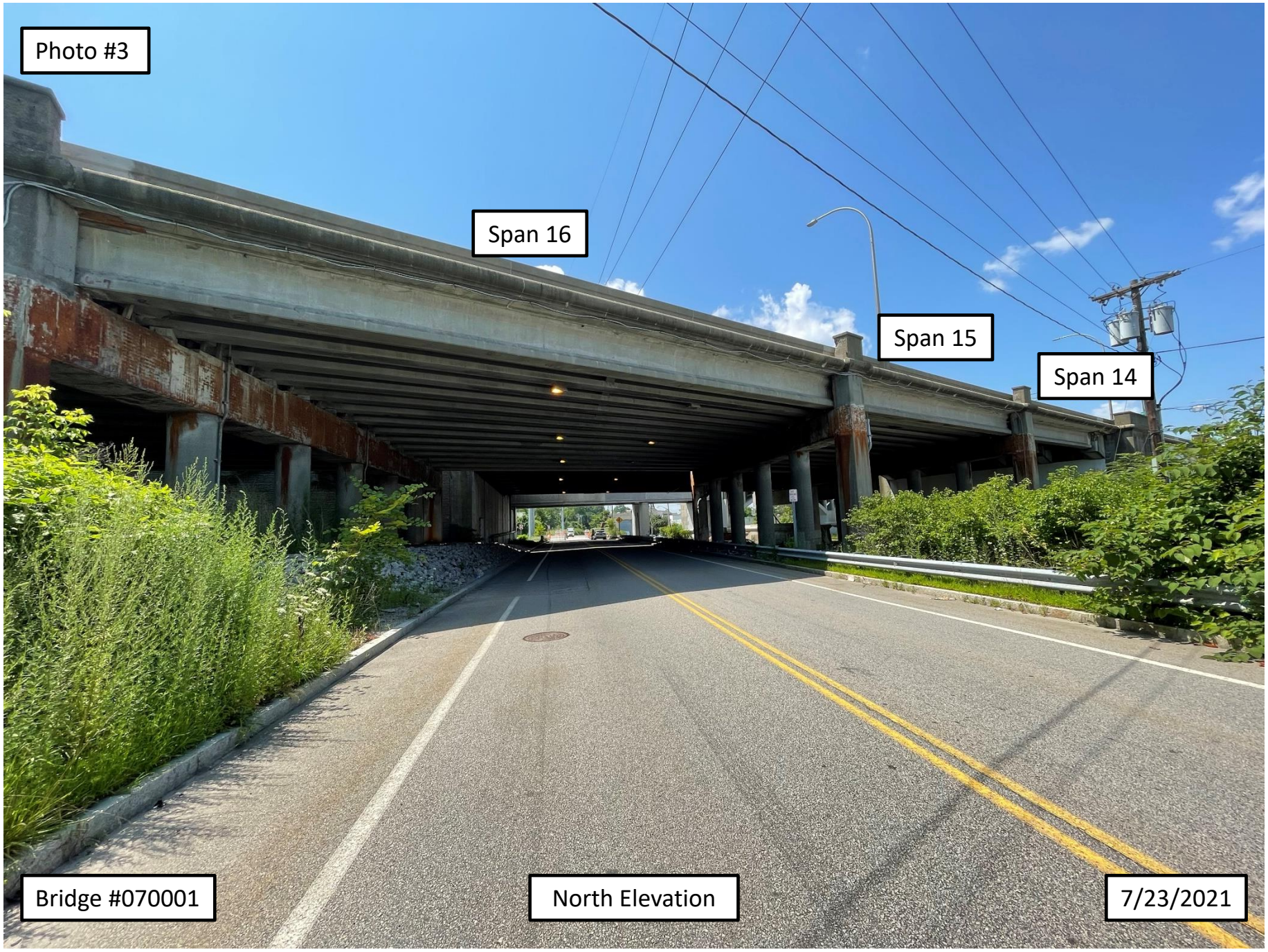
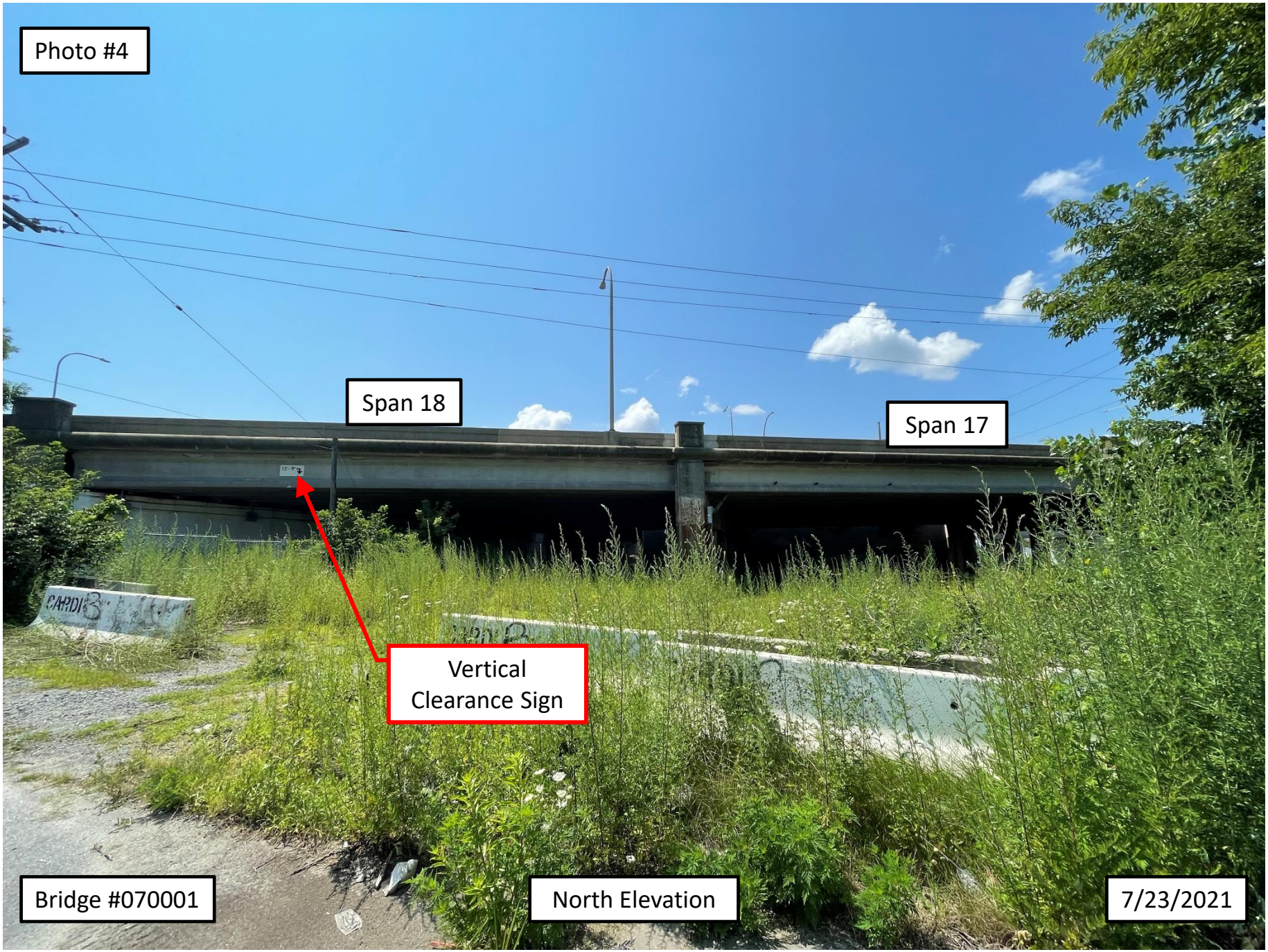

Photo #1
Wickenden St
Point St
EXIT 1C
Bridge #070001
Bridge ID at Northwest Transition
7/22/2021


Photo #2
Span 11
Span 9
Span 7
Span 5
Span 2R
Span 12
Span 10
Span 8
Span 6
Span 3R
Span 1R
Bridge #070001
North Elevation
7/15/2021


Photo #3
Span 16
Span 15
Span 14
Bridge #070001
North Elevation
7/23/2021


Photo #4
Span 18
Span 17
Vertical Clearance Sign
Bridge #070001
North Elevation
7/23/2021

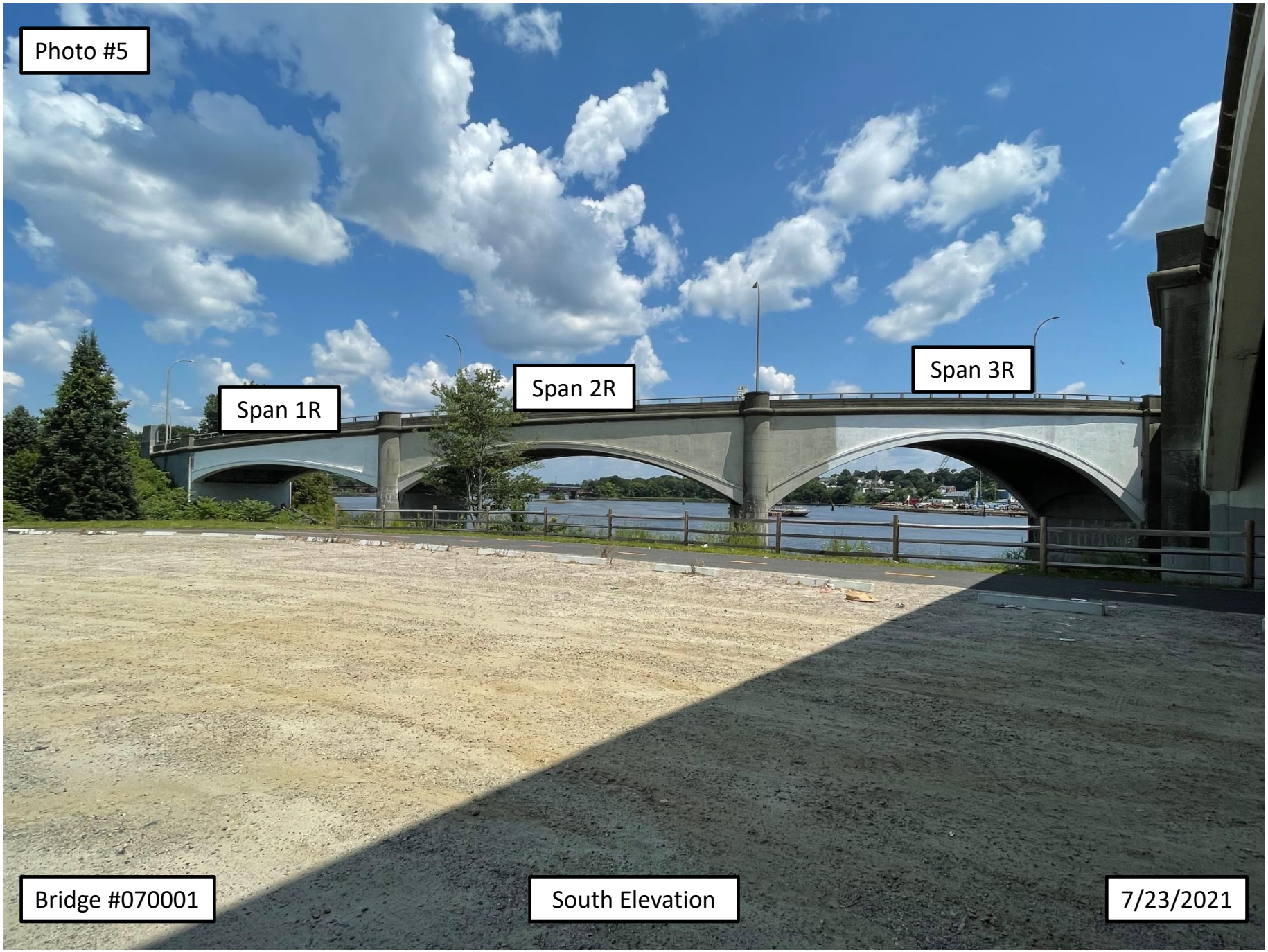
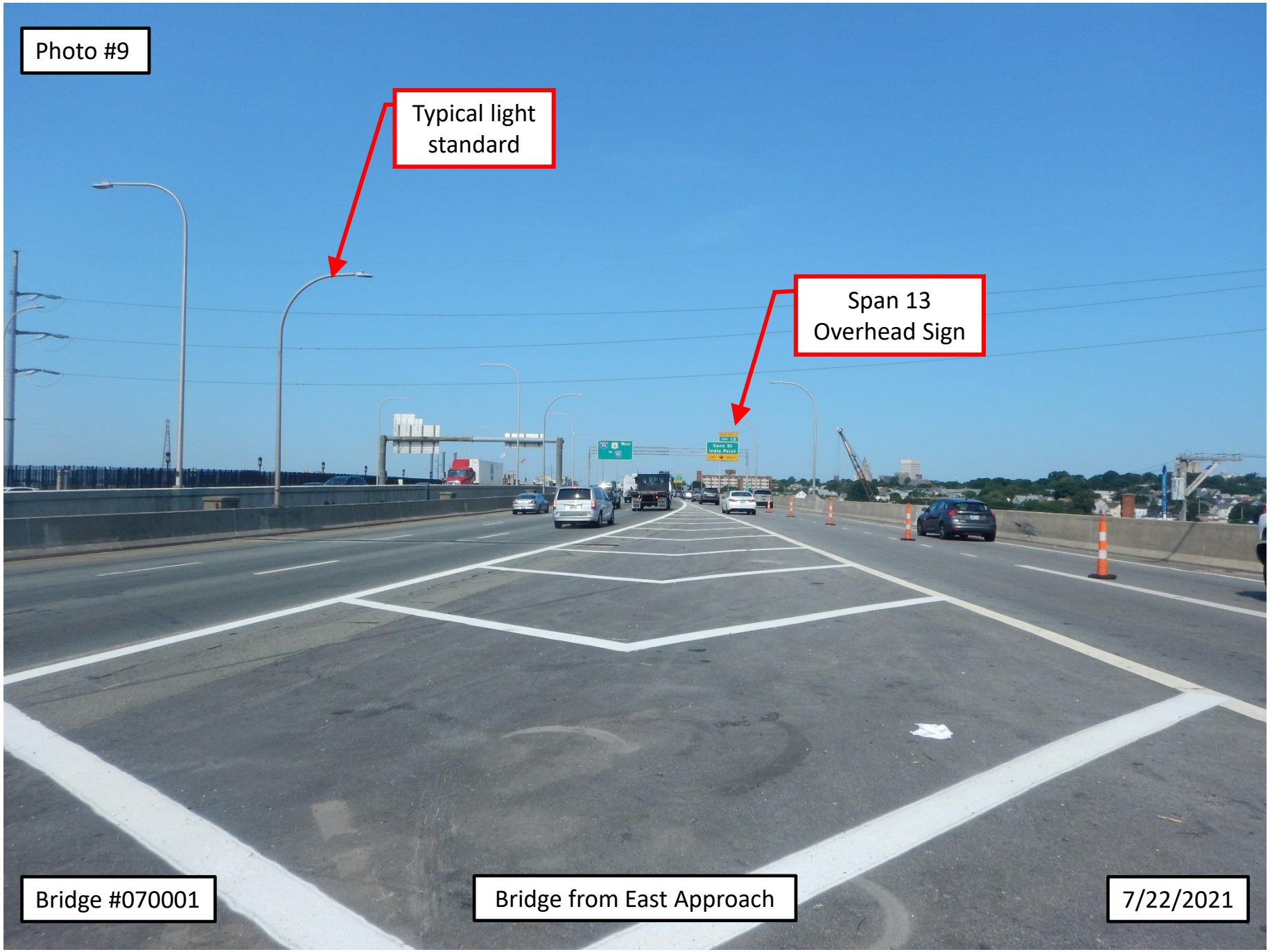

Photo #5
Span 1R
Span 2R
Span 3R
Bridge #070001
South Elevation
7/23/2021


Photo #6
Bridge #070001
Looking Upstream, from Span 11
7/23/2021


Photo #7
Bridge #070001
Looking Downstream, from Washington Pedestrian Bridge #020021
7/23/2021


Photo #8
Typical light standard
Bridge #070001
Bridge from West Approach
7/22/2021


Photo #9
Typical light standard
Span 13 Overhead Sign
Bridge #070001
Bridge from East Approach
7/22/2021

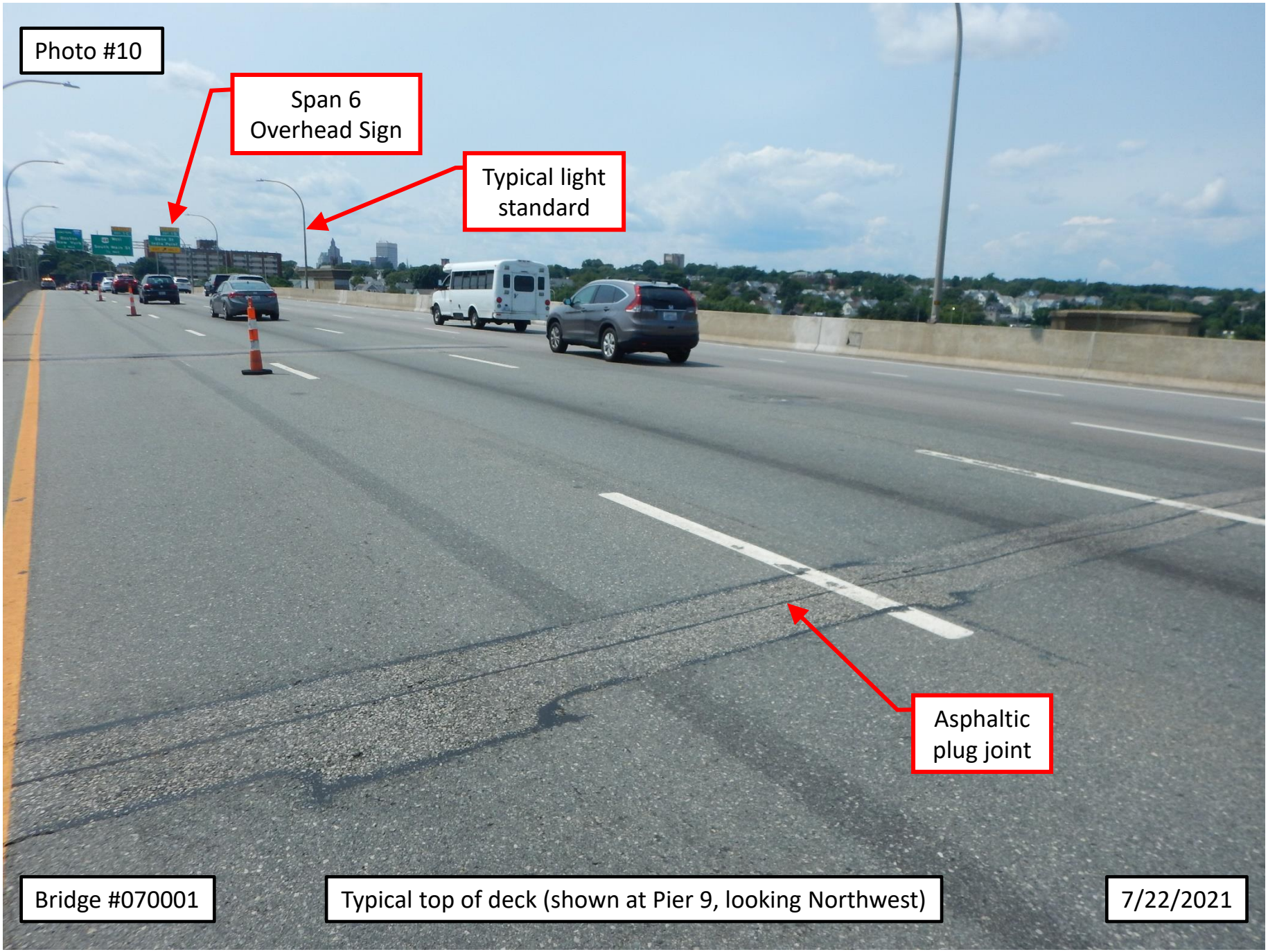
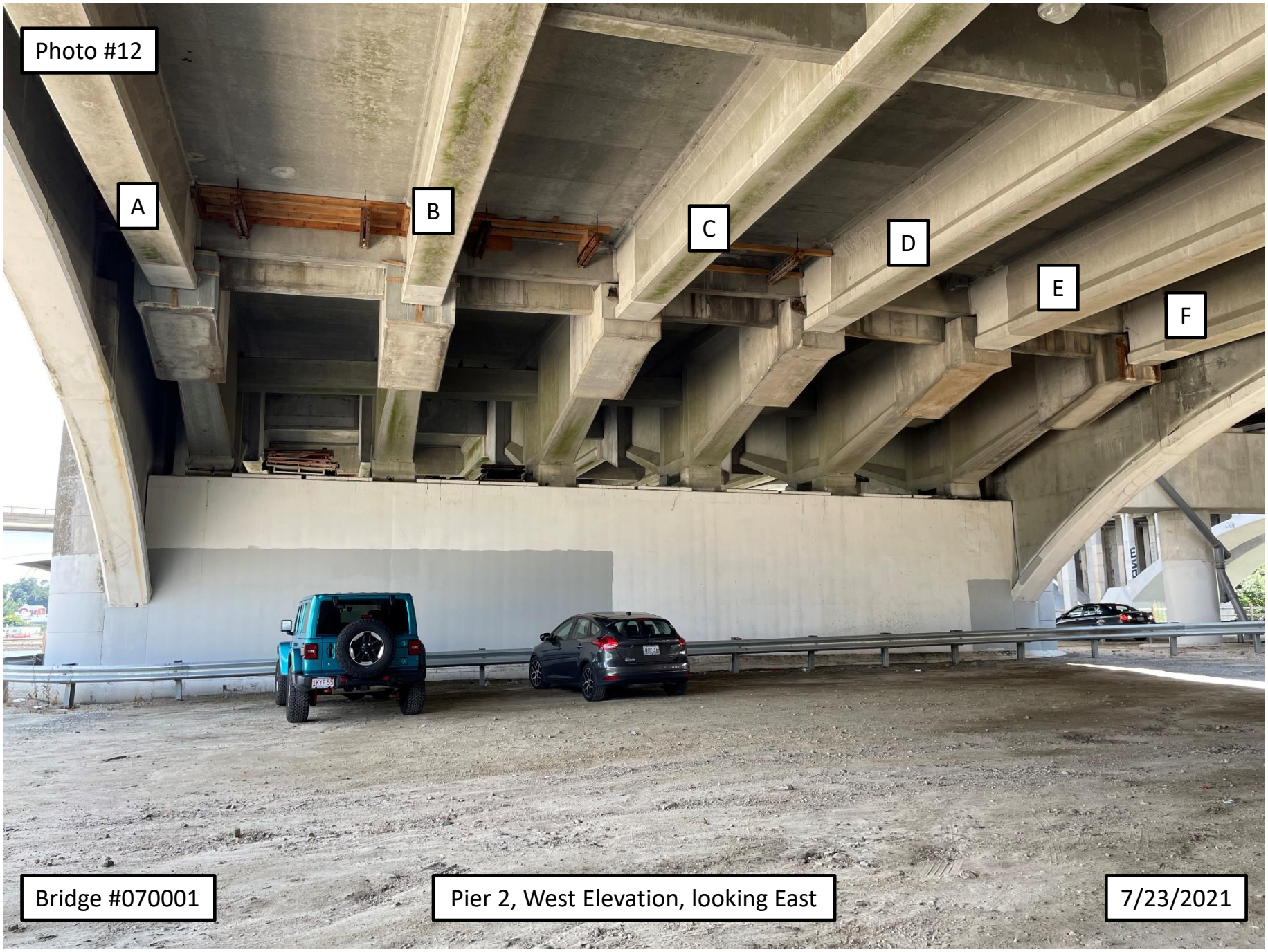
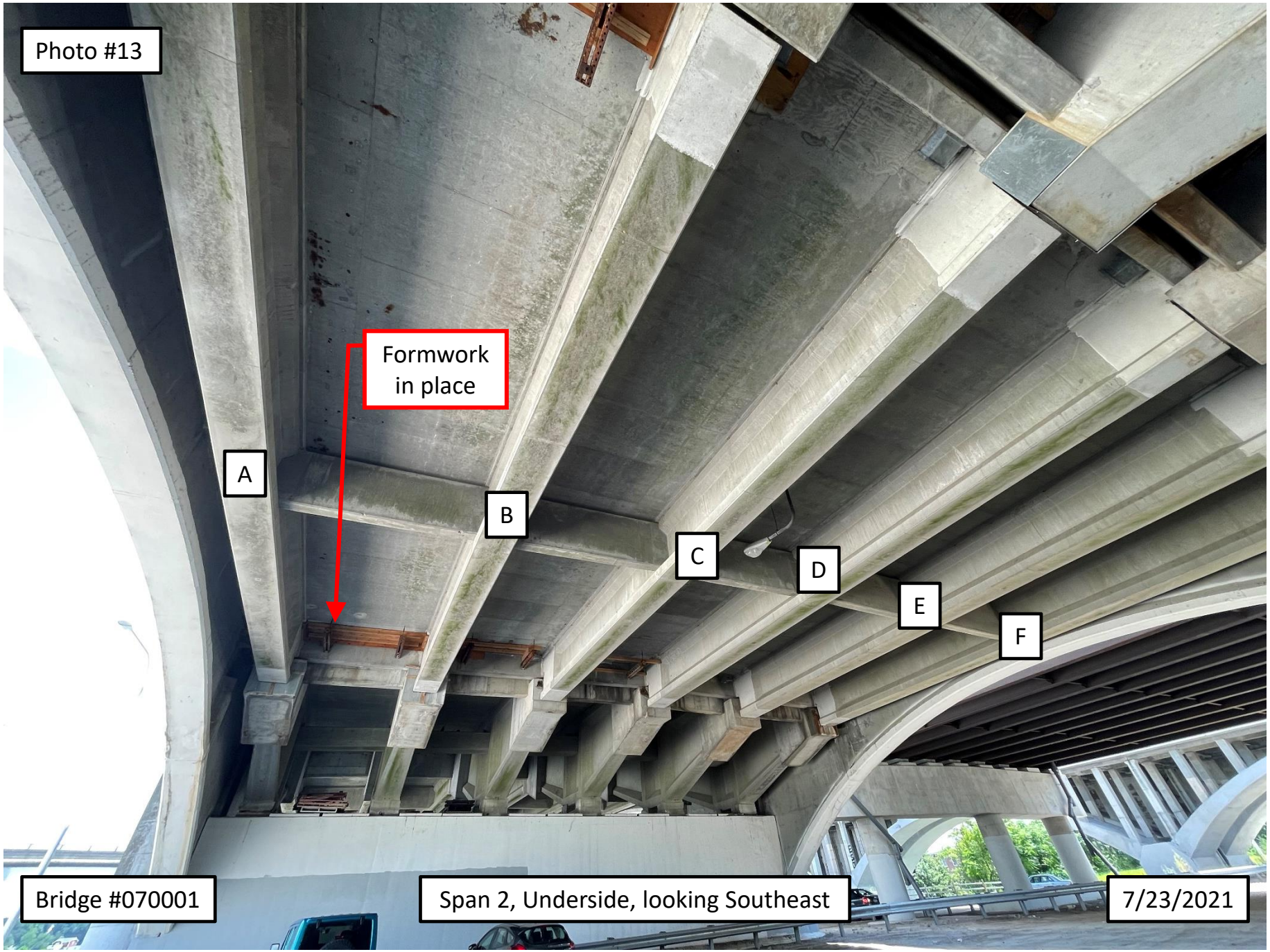
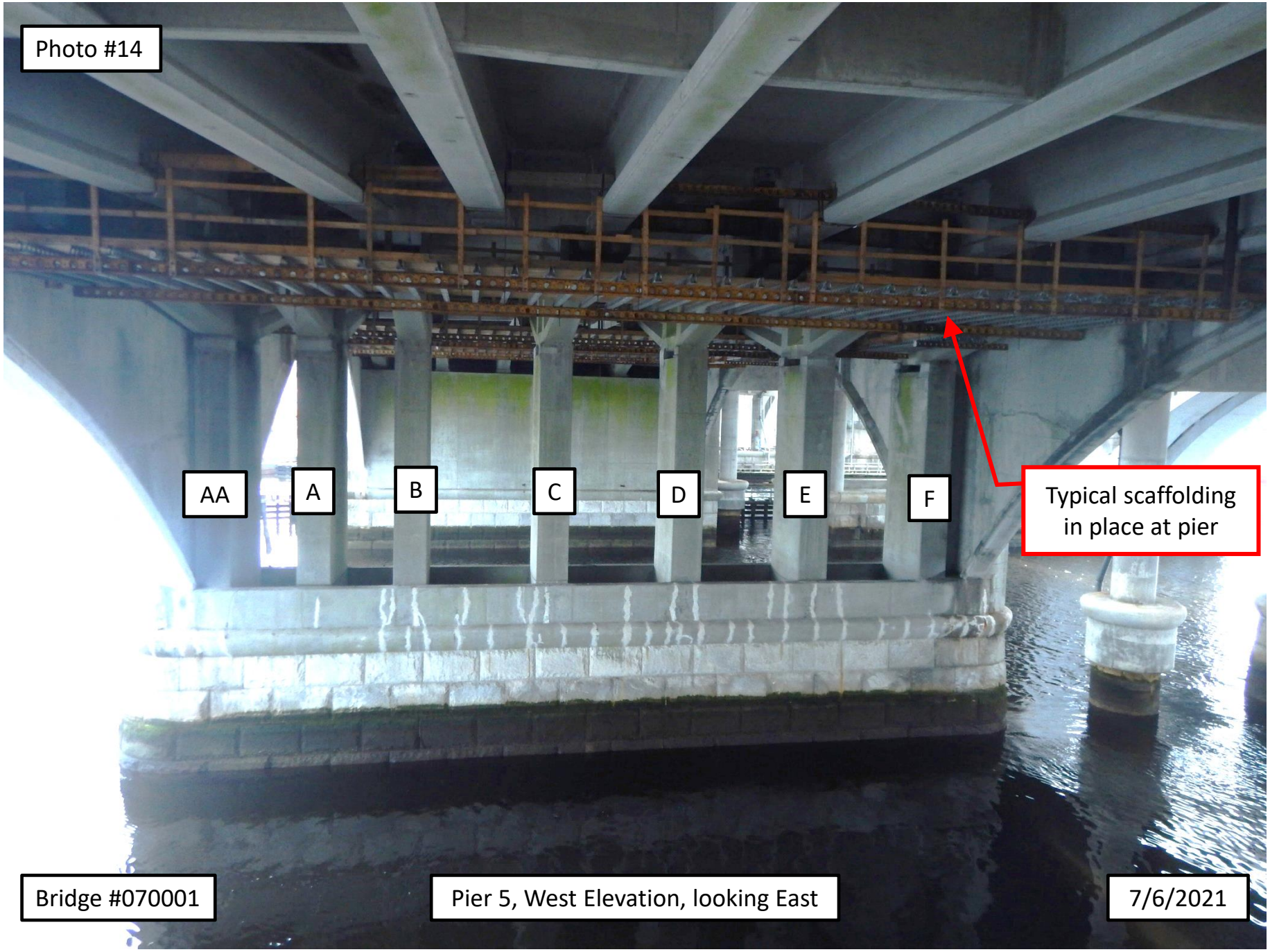
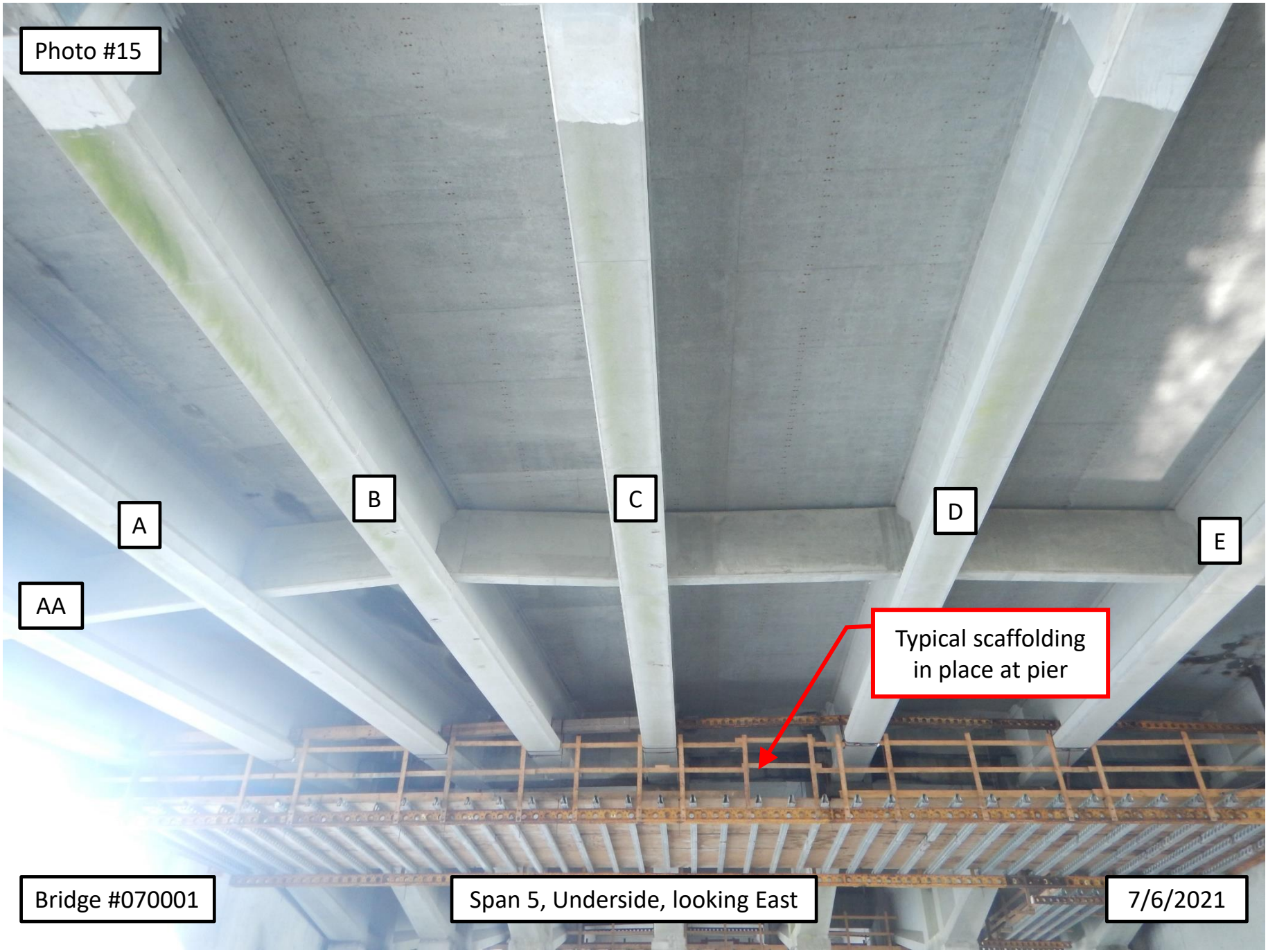

Photo #10
Span 6
Overhead Sign
Typical light
standard
Asphaltic
plug joint
Bridge #070001
Typical top of deck (shown at Pier 9, looking Northwest)
7/22/2021

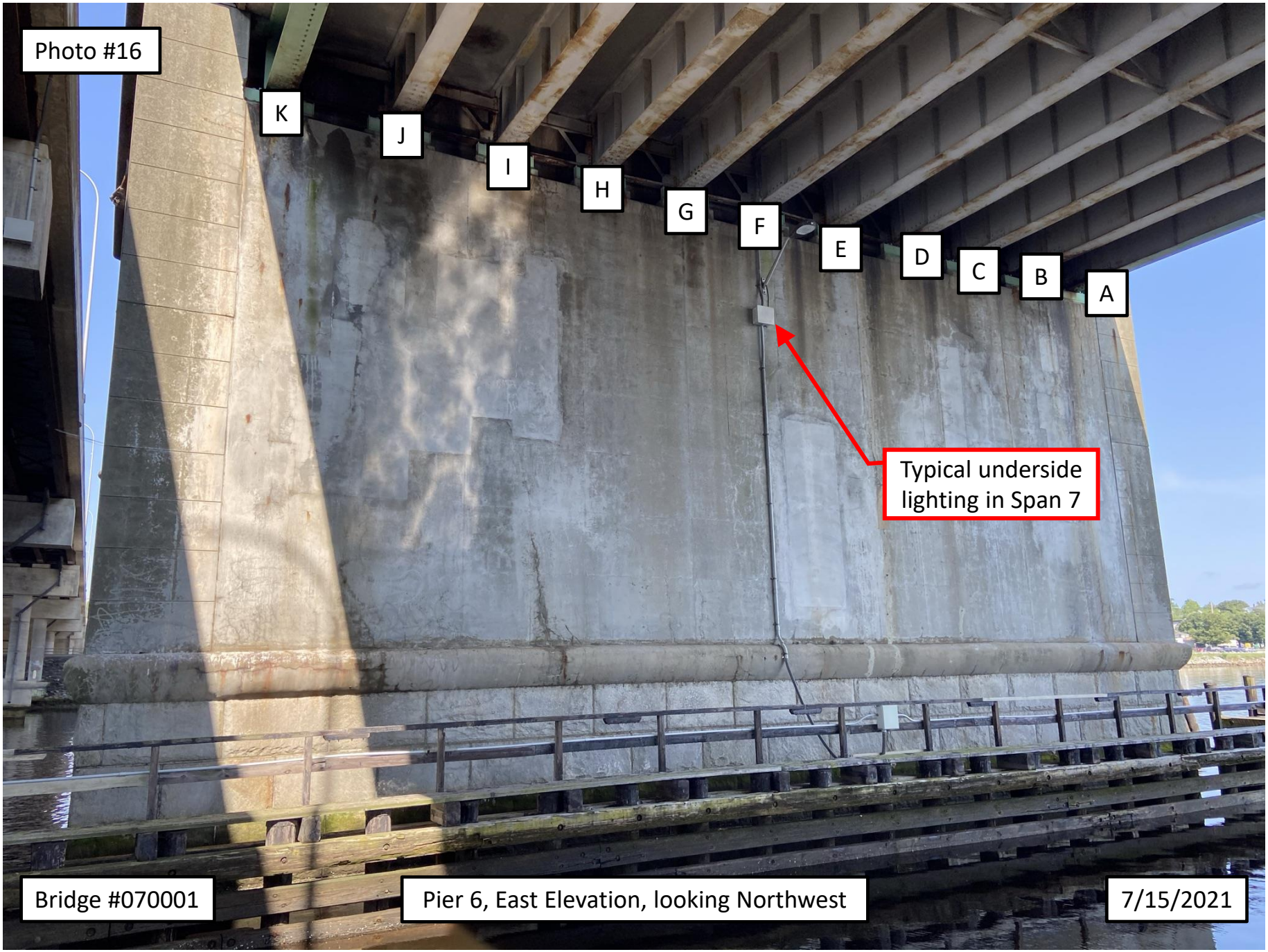

Photo #11
EXIT
1 D
OLD EXIT 3
Bridge #070001
Typical top of deck at Gano Street Exit Ramp
7/22/2021


Photo #12
A
B
C
D
E
F
Bridge #070001
Pier 2, West Elevation, looking East
7/23/2021


Photo #13
Formwork in place
A
B
C
D
E
F
Bridge #070001
Span 2, Underside, looking Southeast
7/23/2021


Photo #14
AA
A
B
C
D
E
F
Typical scaffolding in place at pier
Bridge #070001
Pier 5, West Elevation, looking East
7/6/2021


Photo #15
A
B
C
D
E
AA
Typical scaffolding in place at pier
Bridge #070001
Span 5, Underside, looking East
7/6/2021


Photo #16
K
J
I
H
G
F
E
D
C
B
A
Typical underside lighting in Span 7
Bridge #070001
Pier 6, East Elevation, looking Northwest
7/15/2021

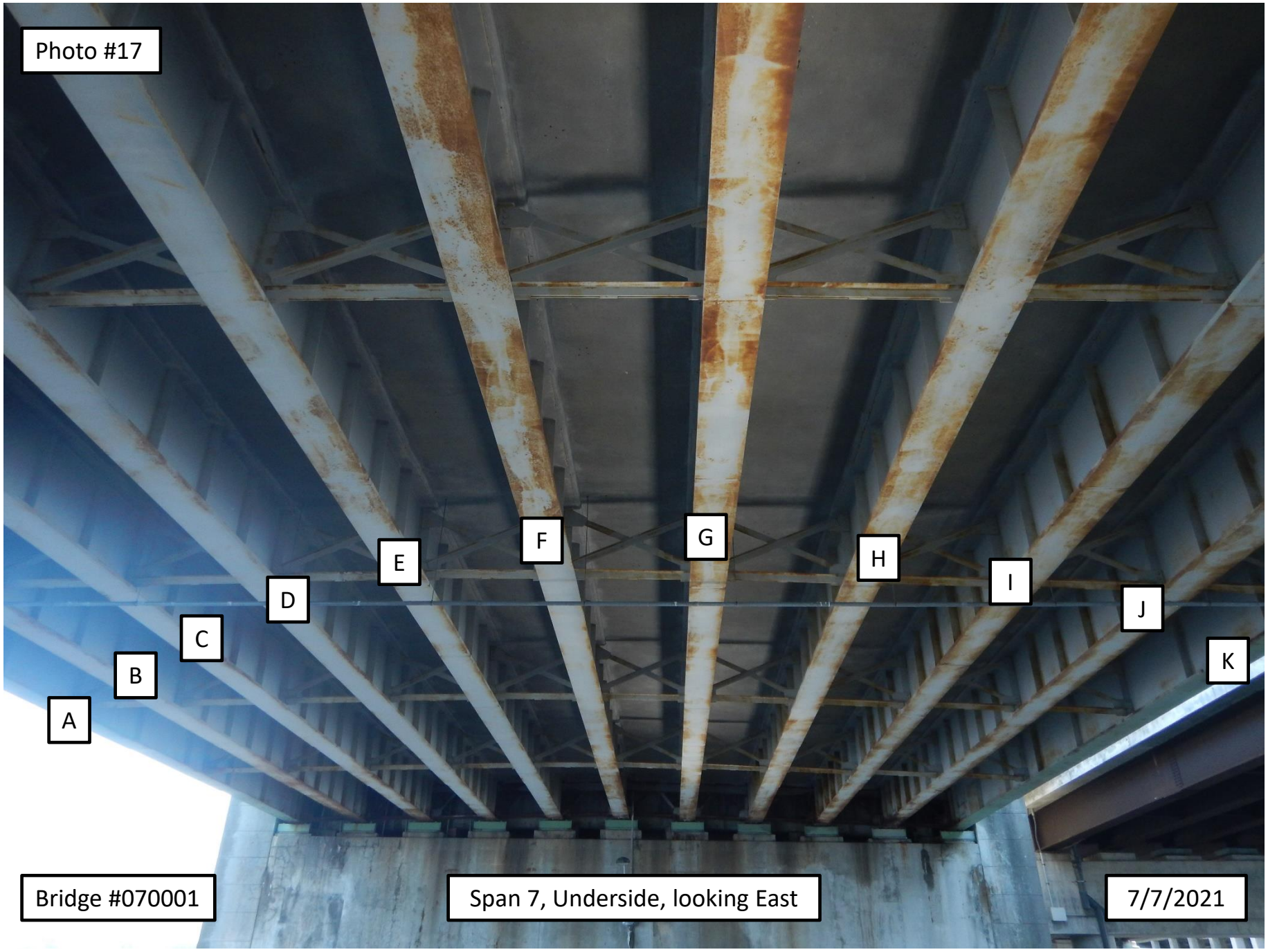

Photo #17
A
B
C
D
E
F
G
H
I
J
K
Bridge #070001
Span 7, Underside, looking East
7/7/2021


Photo #18
A
B
C
D
E
F
Bridge #070001
Pier 12, West Elevation, looking East
7/23/2021

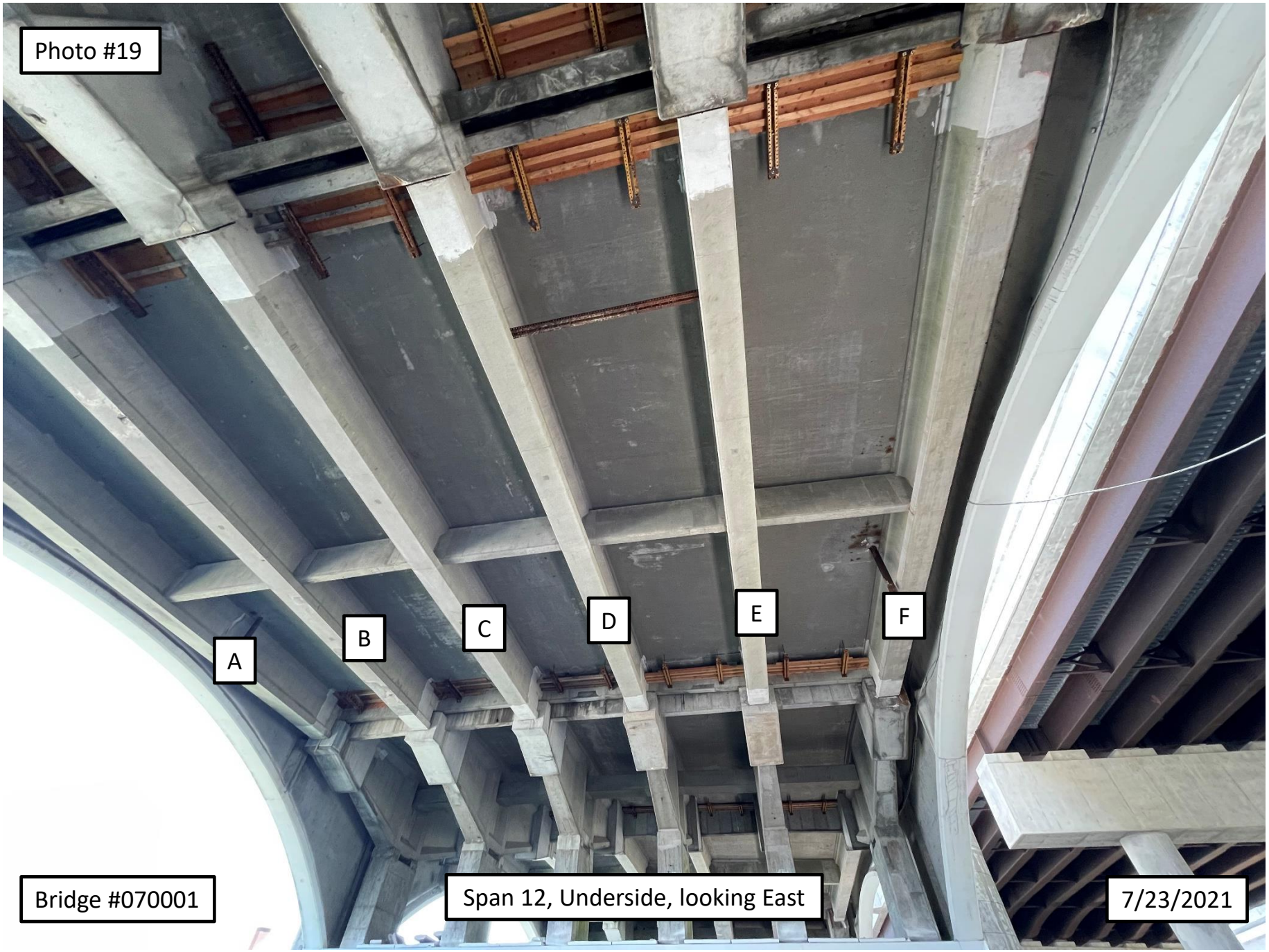
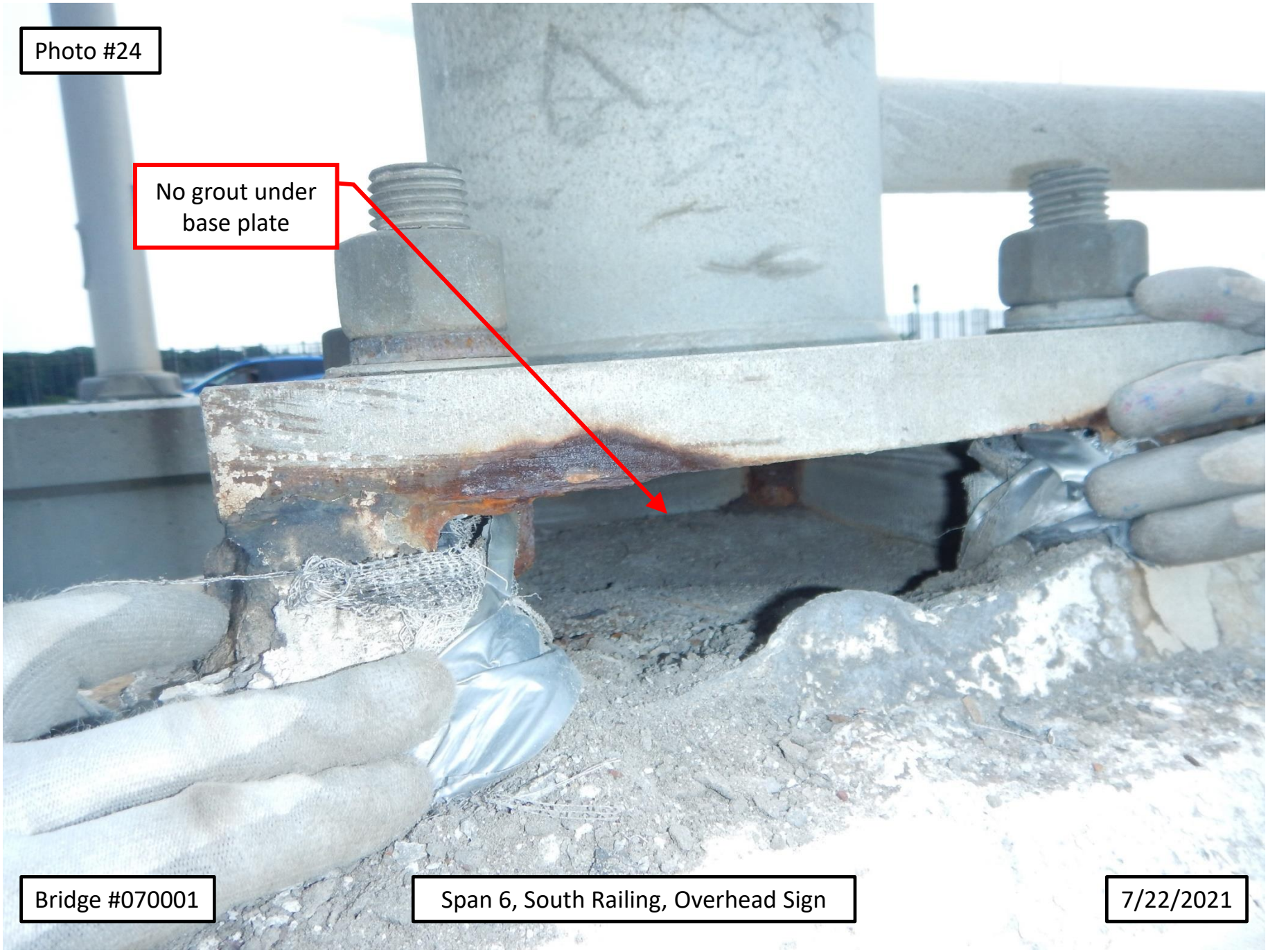

Photo #19
A
B
C
D
E
F
Bridge #070001
Span 12, Underside, looking East
7/23/2021


Photo #20
D
E
F
G
H
I
J
K
L
M
N
O
Bridge #070001
Pier 17, West Elevation, looking East
7/23/2021


Photo #21
L
K
J
I
H
G
F
E
D
C
Bridge #070001
Span 17, Underside, looking West
7/23/2021


Photo #22
Bridge #070001
Pier 3R, West Elevation, looking Southeast
7/12/2021


Photo #23
Bridge #070001
Span 3R, Underside, looking Southeast
7/12/2021


Photo #24
No grout under base plate
Bridge #070001
Span 6, South Railing, Overhead Sign
7/22/2021

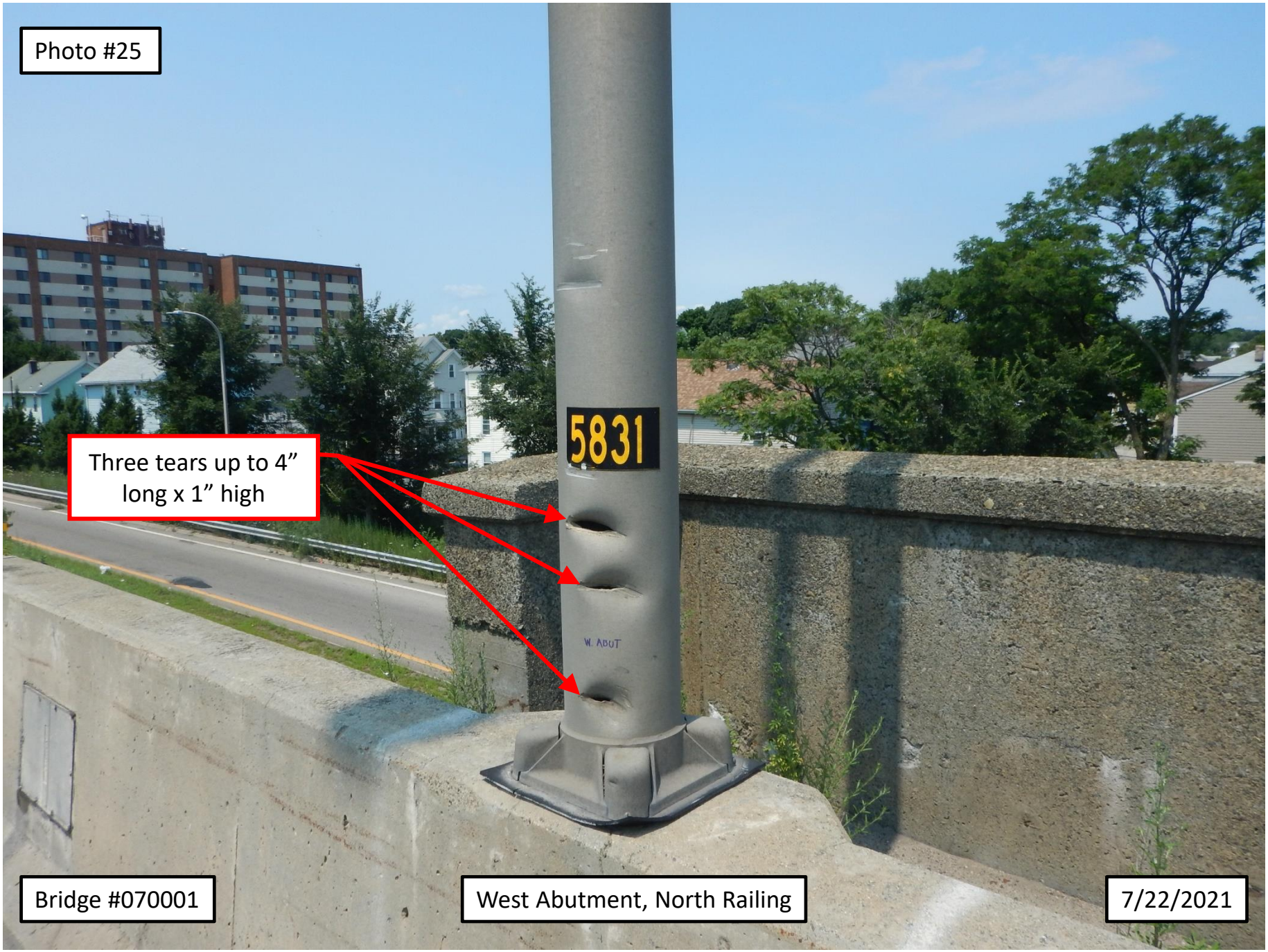

Photo #25
Three tears up to 4” long x 1” high
5831
W. ABUT
Bridge #070001
West Abutment, North Railing
7/22/2021


Photo #26
8758
8” long x 5” high impact damage
PIER #2
Bridge #070001
Pier 2, North Railing
7/22/2021

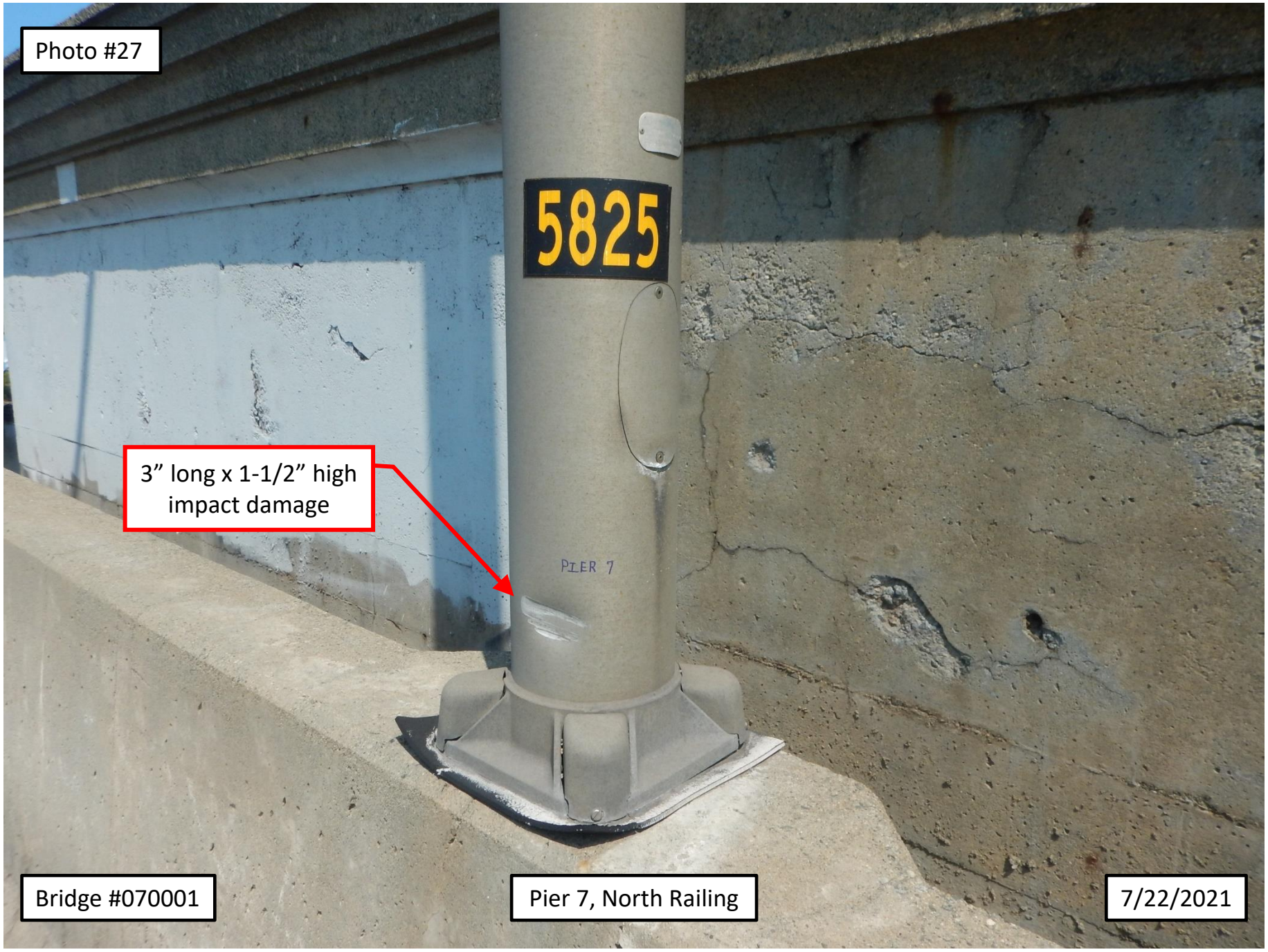

Photo #27
5825
3” long x 1-1/2” high impact damage
PIER 7
Bridge #070001
Pier 7, North Railing
7/22/2021


Photo #28
Several missing bolts and pull box partially open
Bridge #070001
Pier 1, South Railing
7/22/2021


Photo #29
Missing hand hole cover
SPAN 5
Bridge #070001
Span 5, South Railing
7/22/2021

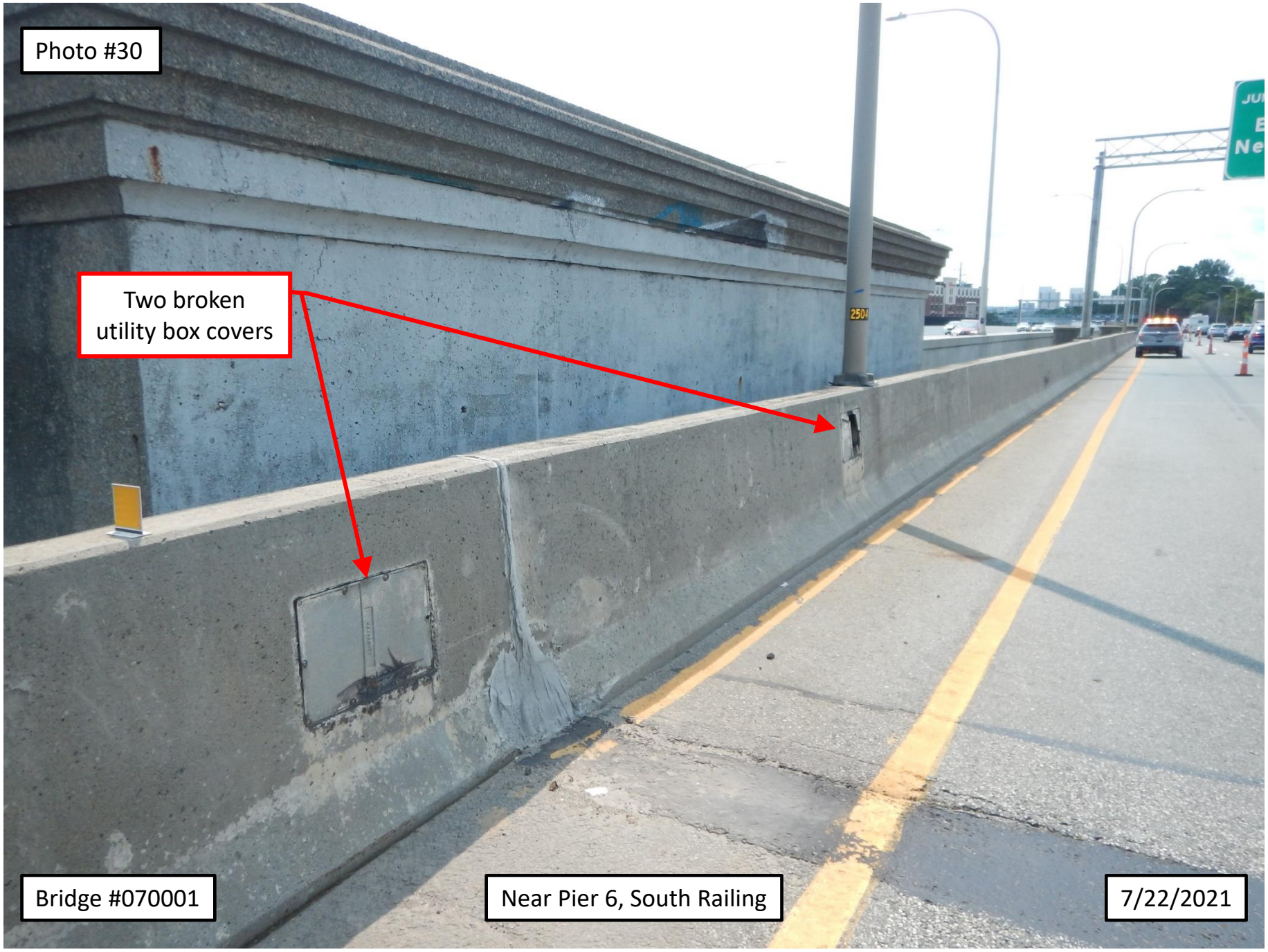

Photo #30
Two broken utility box covers
Bridge #070001
Near Pier 6, South Railing
7/22/2021


Photo #31
Utility box cover broken with exposed wires
2491
Bridge #070001
Near Pier 10, South Railing
7/22/2021

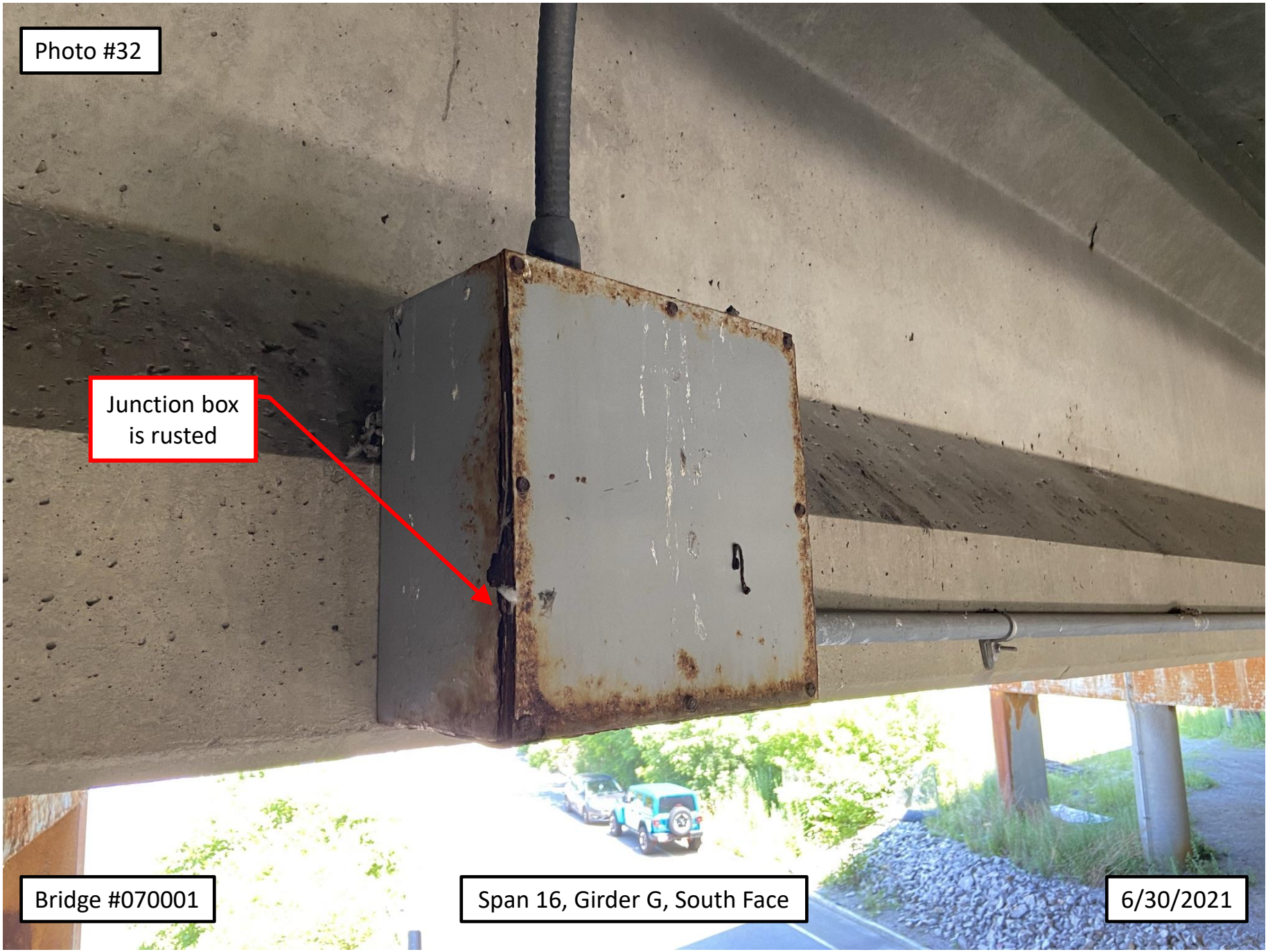

Photo #32
Junction box is rusted
Bridge #070001
Span 16, Girder G, South Face
6/30/2021


Photo #33
Loose clip
Span 18
Bay A
Bridge #070001
Span 18, Bay A, underside light
6/28/2021


Photo #34
Navigation light off
Bridge #070001
Span 7, at Pier 6, North end
7/15/2021


Photo #35
Permanent lighting fixtures and electrical outlets not operational
D2
Bridge #070001
Span 1R, Cell 1B, South Wall
7/20/2021


Photo #36
Minor leak at northwest corner
Bridge #070001
Electrical Room at East Abutment
7/23/2021

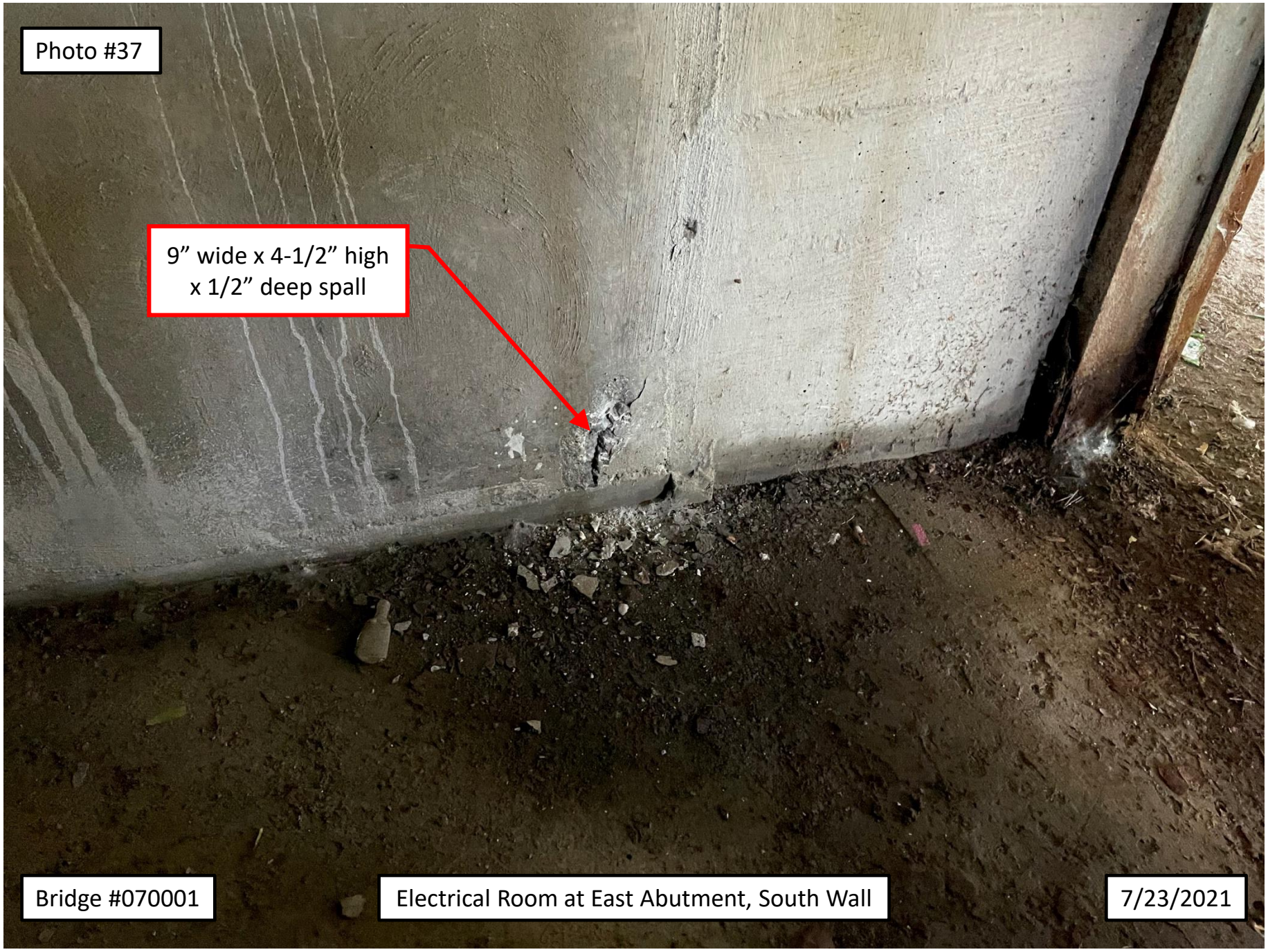

Photo #37
9” wide x 4-1/2” high
x 1/2” deep spall
Bridge #070001
Electrical Room at East Abutment, South Wall
7/23/2021


Photo #38
Door frame rusted through
Bridge #070001
Electrical Room at East Abutment
7/23/2021

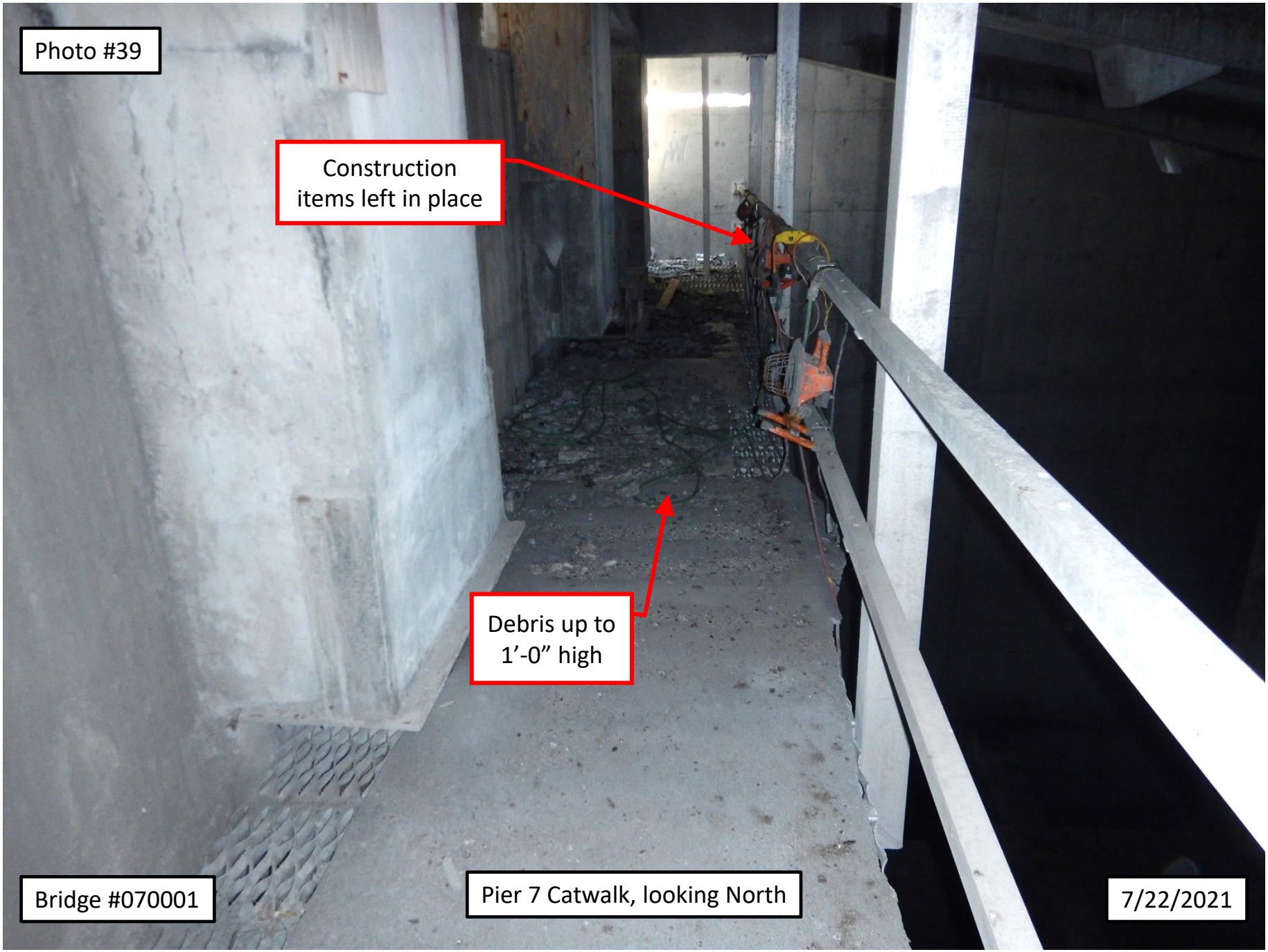
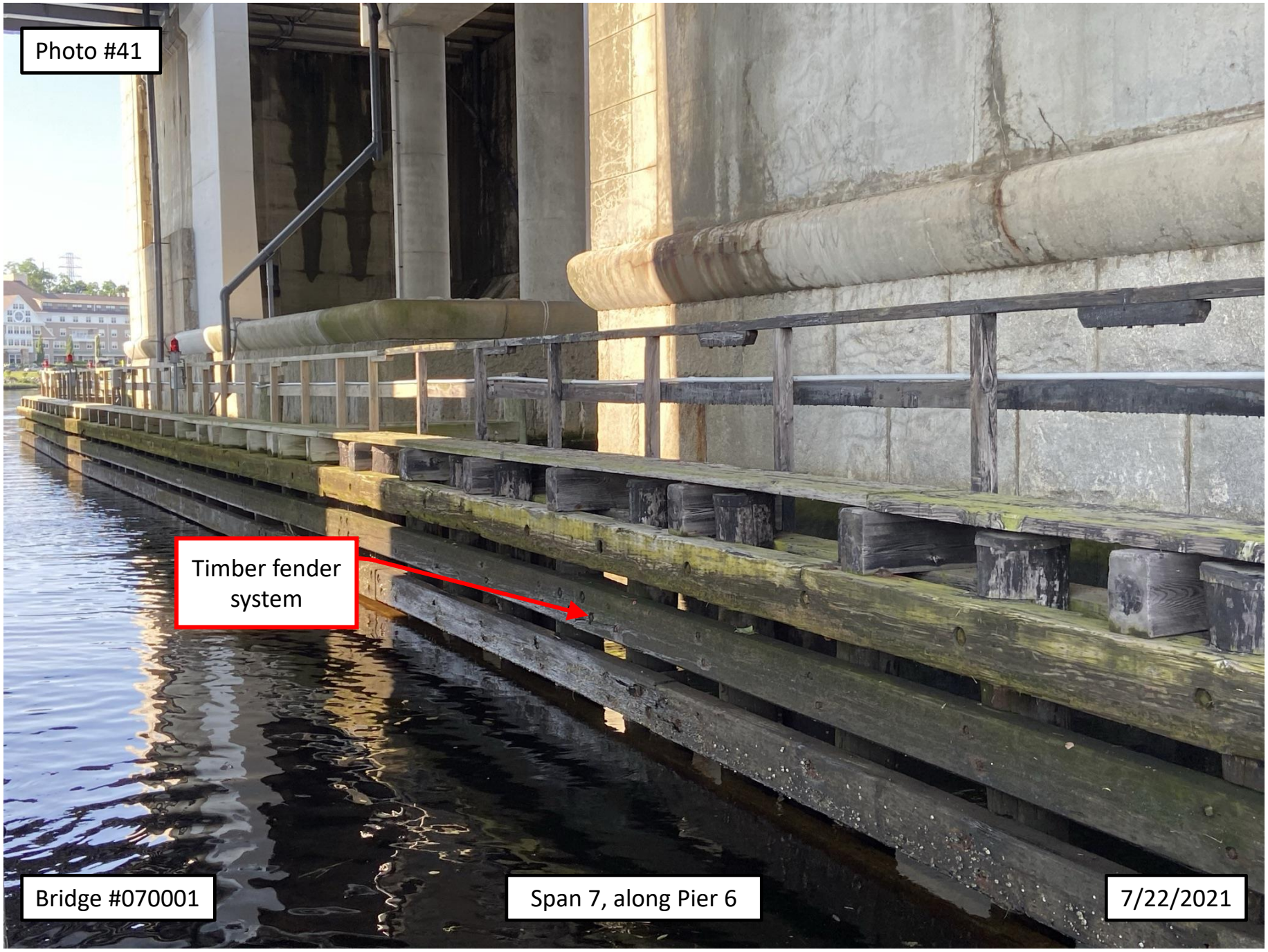

Photo #39
Construction items left in place
Debris up to 1’-0” high
Bridge #070001
Pier 7 Catwalk, looking North
7/22/2021


Photo #40
Access to Pier 6 Catwalk
Bridge #070001
Pier 6, North End
7/22/2021


Photo #41
Timber fender system
Bridge #070001
Span 7, along Pier 6
7/22/2021

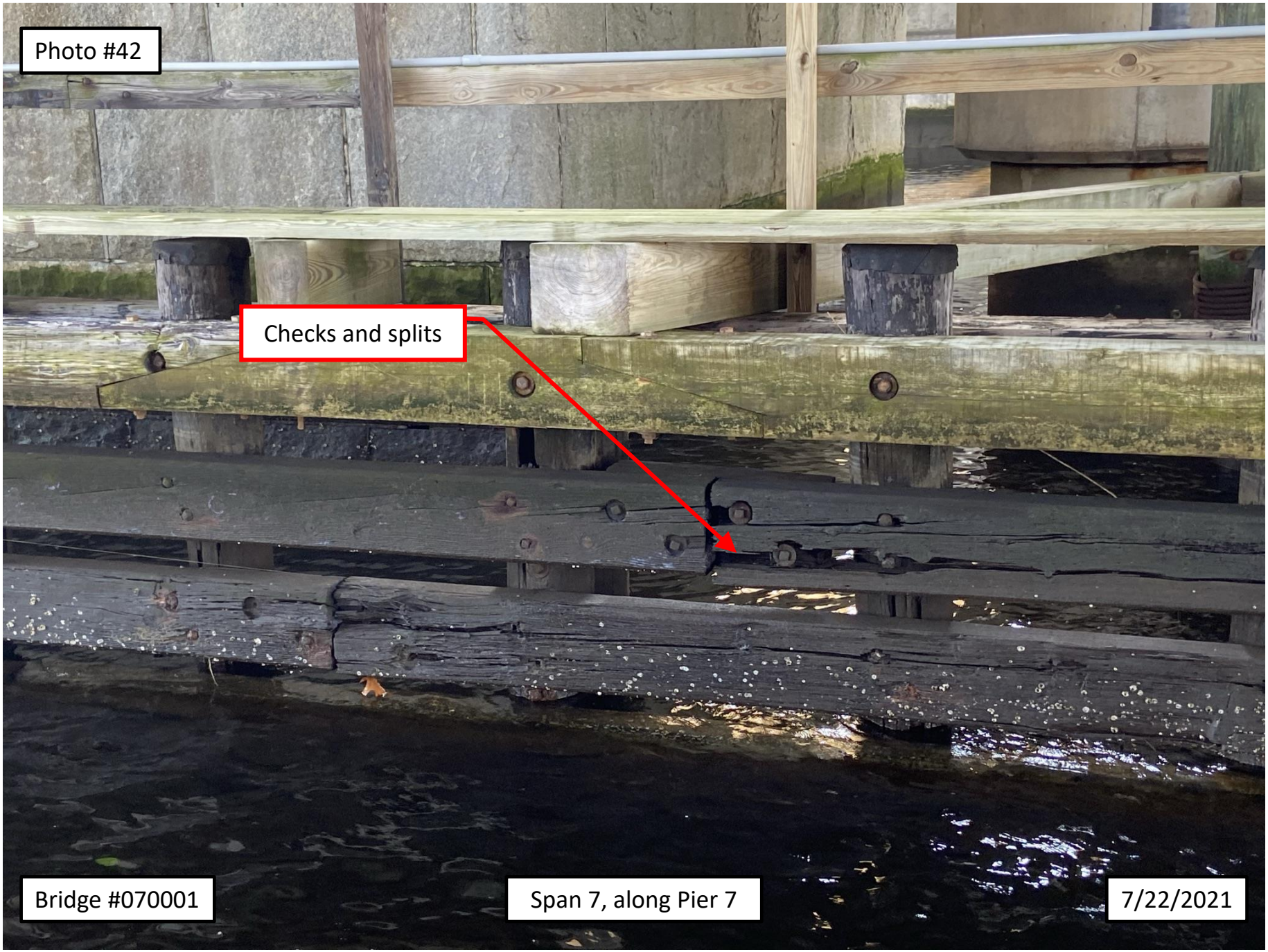
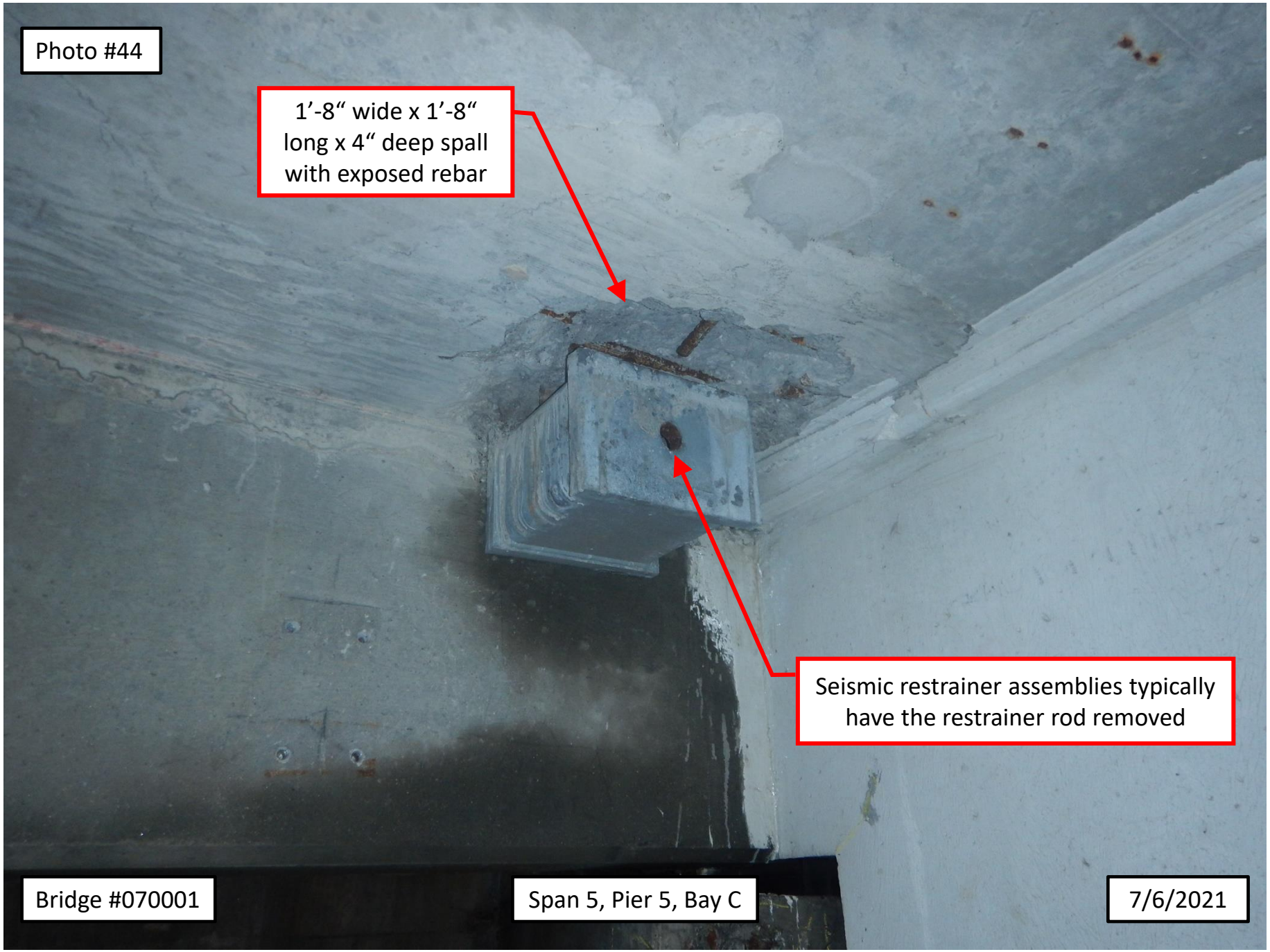

Photo #42
Checks and splits
Bridge #070001
Span 7, along Pier 7
7/22/2021


Photo #43
BRIDGE CONSTRUCTION
ALL BOATS USE
CENTER CHANNEL
Section loss/splintering up to 2” deep in the tidal zone
Bridge #070001
Pier 6, North end
7/22/2021


Photo #44
1’-8“ wide x 1’-8“ long x 4“ deep spall with exposed rebar
Seismic restrainer assemblies typically have the restrainer rod removed
Bridge #070001
Span 5, Pier 5, Bay C
7/6/2021

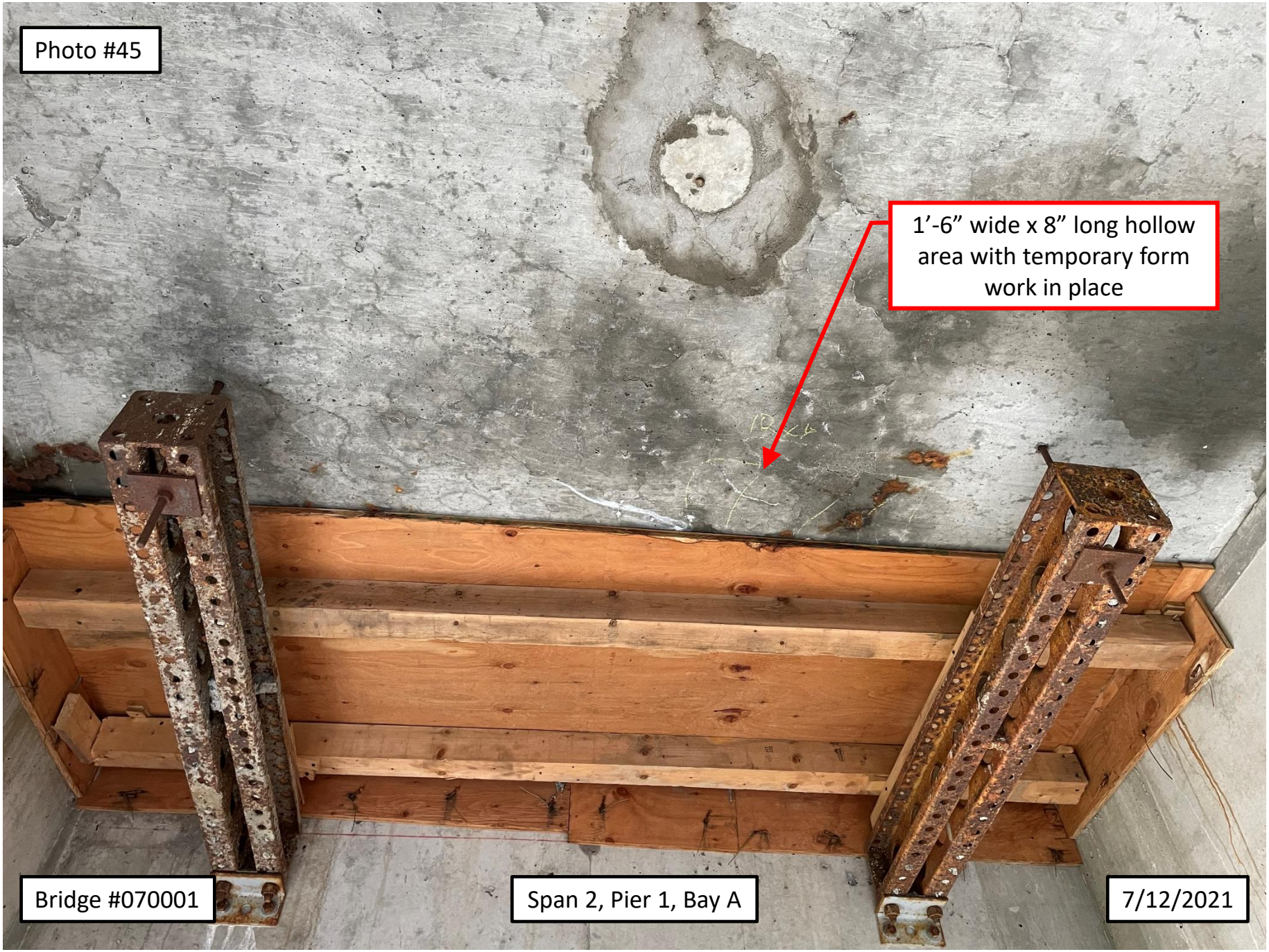

Photo #45
1’-6” wide x 8” long hollow area with temporary form work in place
Bridge #070001
Span 2, Pier 1, Bay A
7/12/2021


Photo #46
8“ wide x 1’-2” long x 1“ deep spall with exposed rebar
Bridge #070001
Span 3, Pier 2, North Overhang
7/14/2021

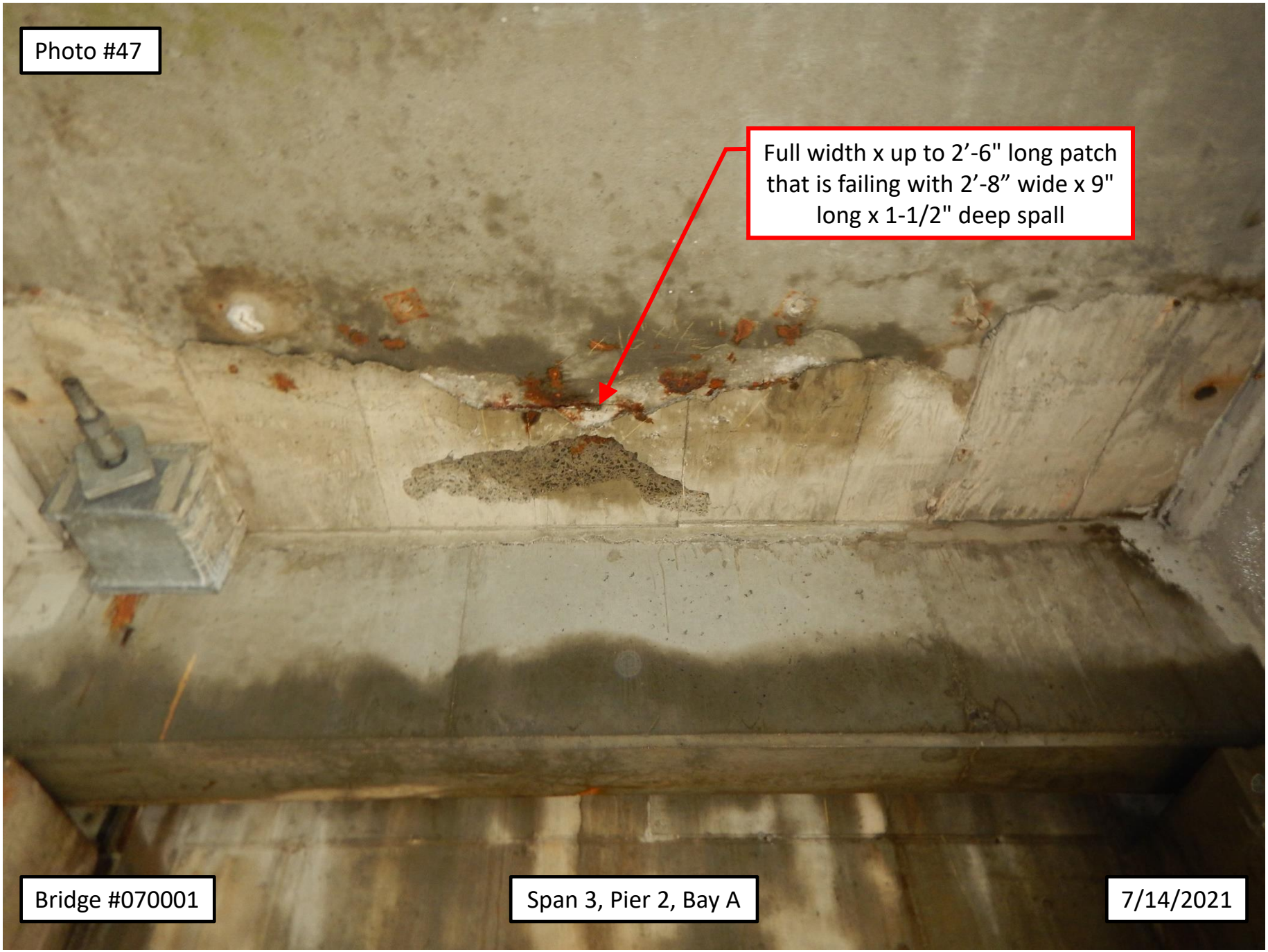

Photo #47
Full width x up to 2’-6" long patch that is failing with 2’-8” wide x 9" long x 1-1/2" deep spall
Bridge #070001
Span 3, Pier 2, Bay A
7/14/2021


Photo #48
1’-0“ wide x 1’-0” long hollow area, and area of hairline map cracking with rust staining, efflorescence
Bridge #070001
Span 3, West of Pier 3, Bay A
7/14/2021

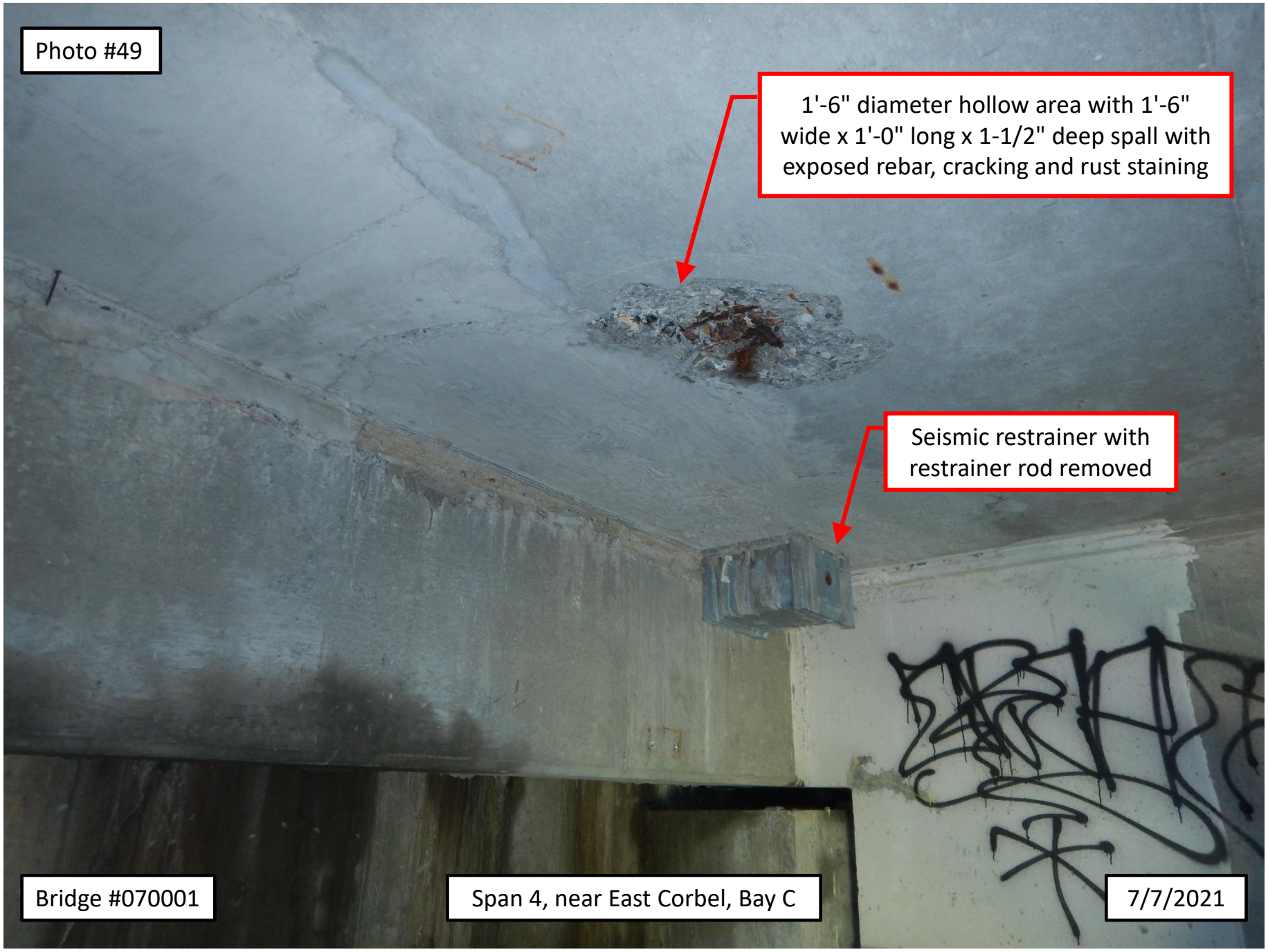

Photo #49
1'-6" diameter hollow area with 1'-6" wide x 1'-0" long x 1-1/2" deep spall with exposed rebar, cracking and rust staining
Seismic restrainer with restrainer rod removed
Bridge #070001
Span 4, near East Corbel, Bay C
7/7/2021


Photo #50
Up to 1'-0" long x 1'-0" wide x 1" deep spall
Bridge #070001
Span 6, at Pier 5, North overhang
7/6/2021

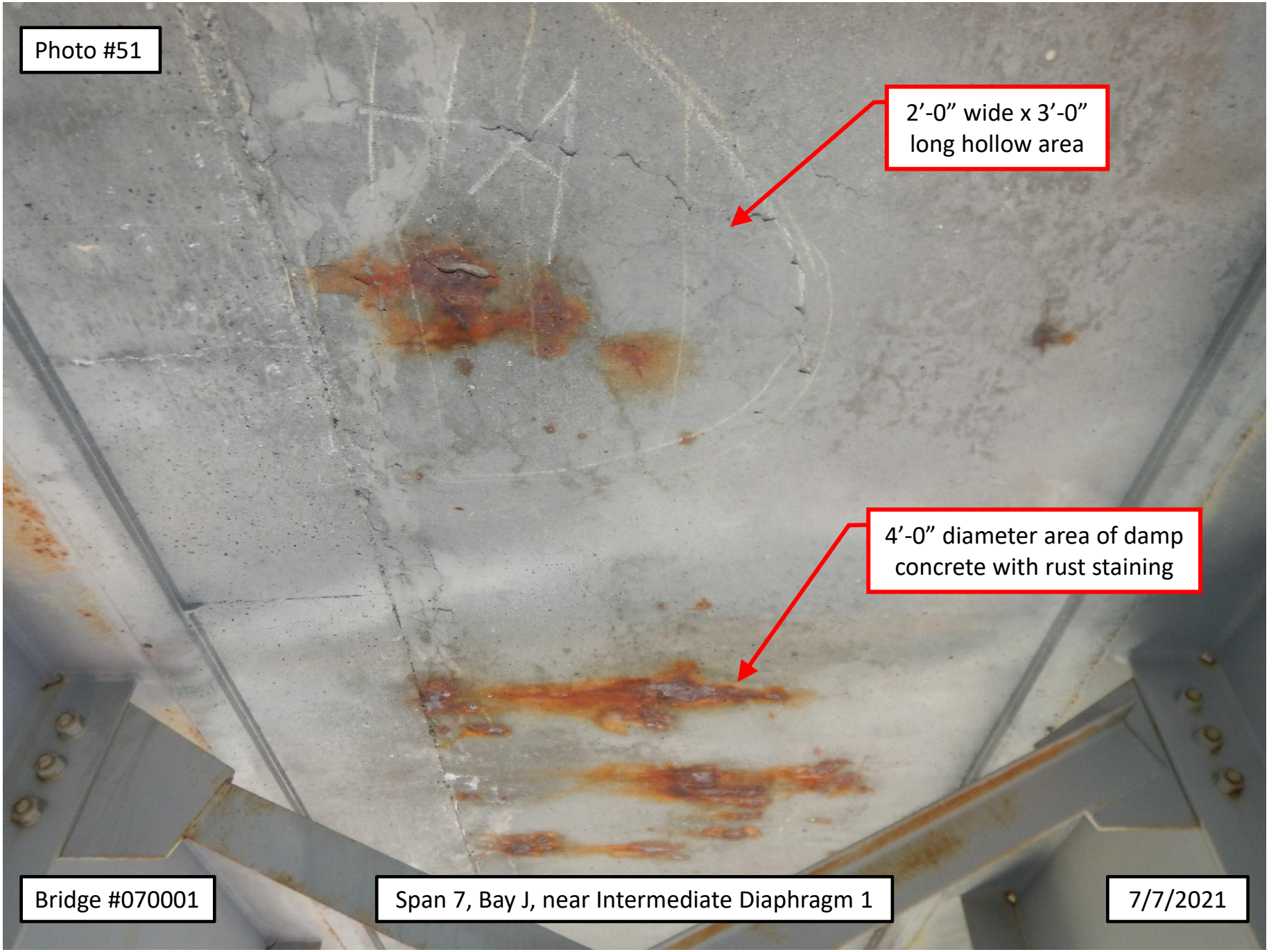
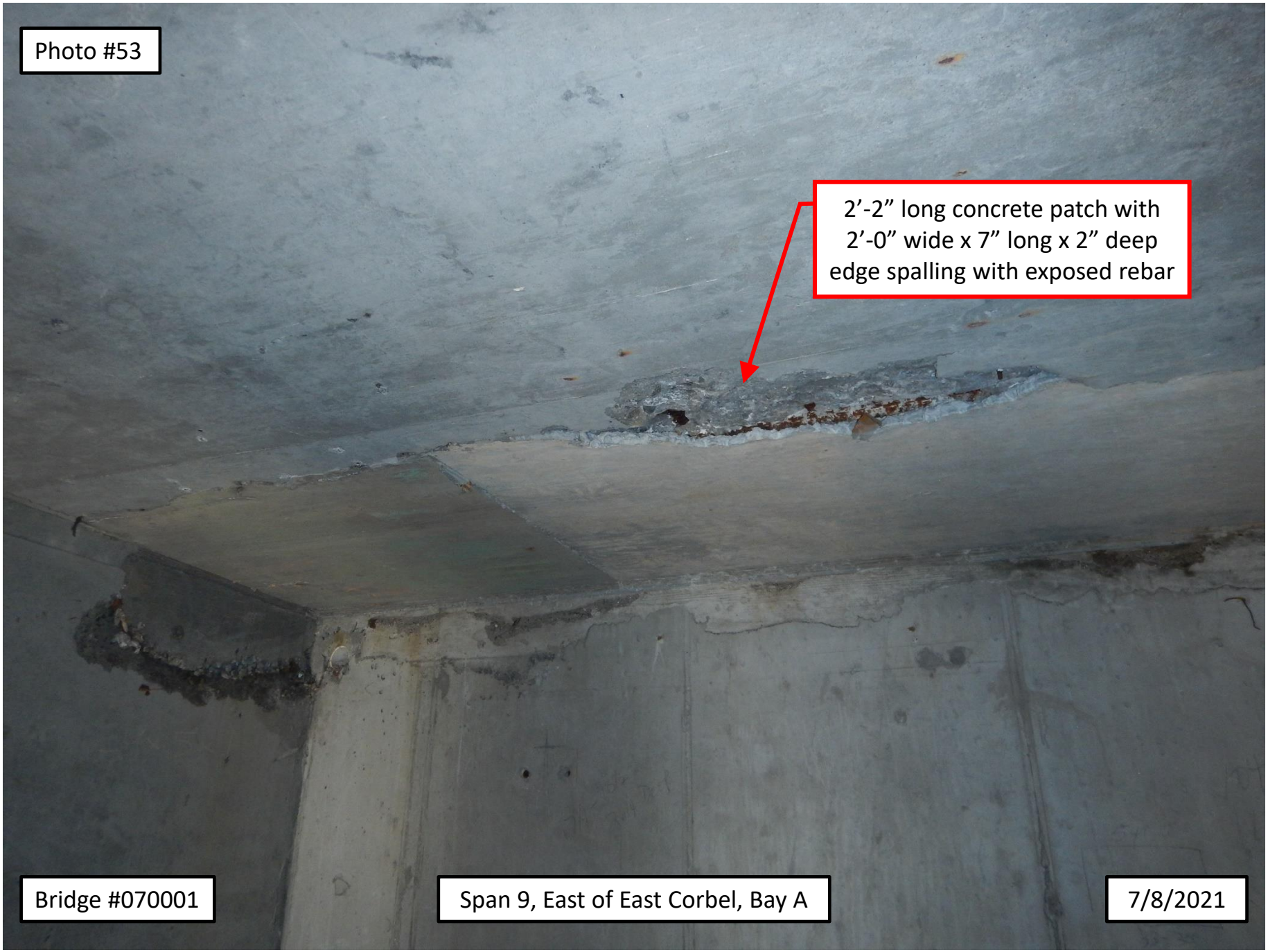
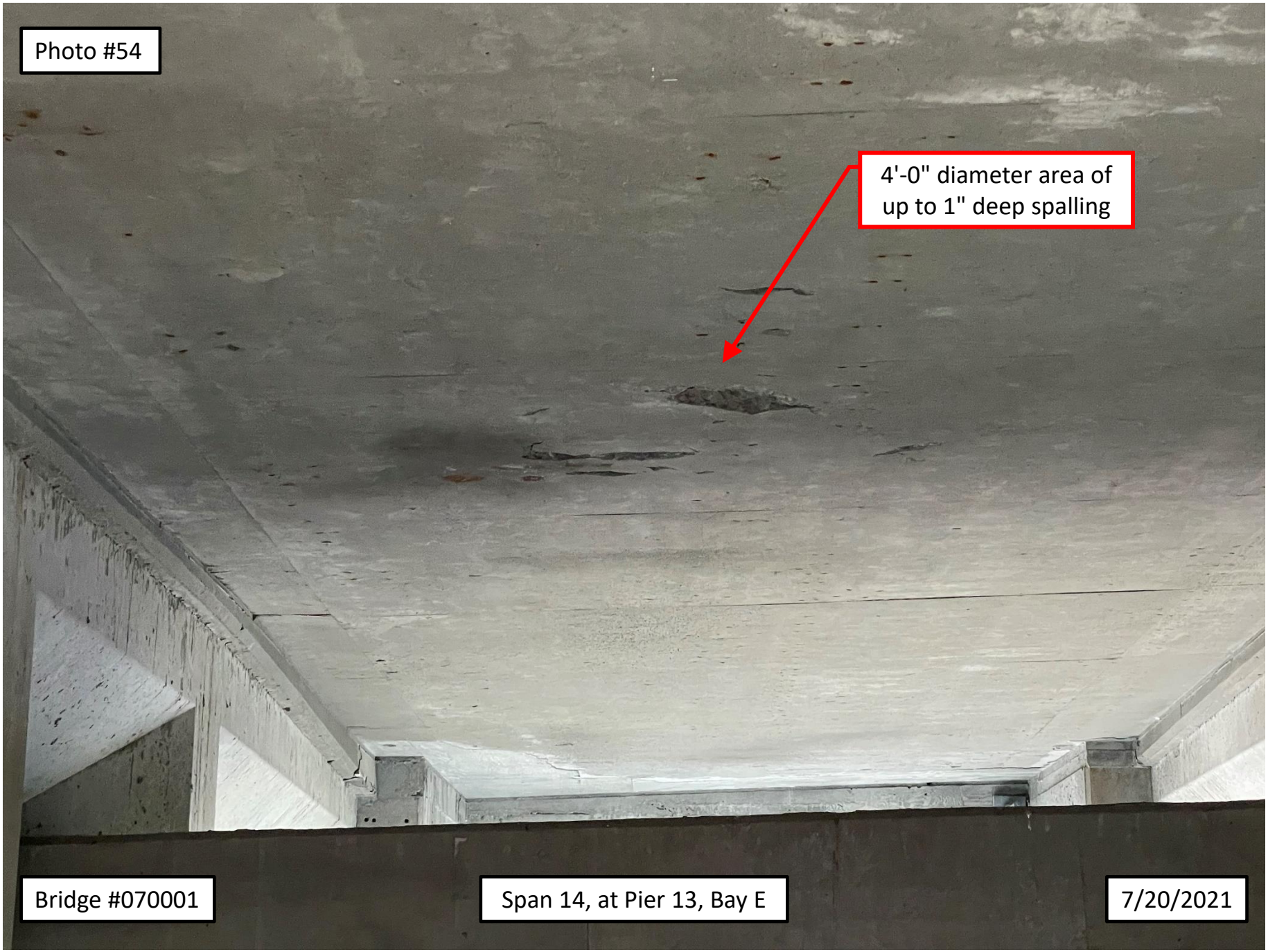
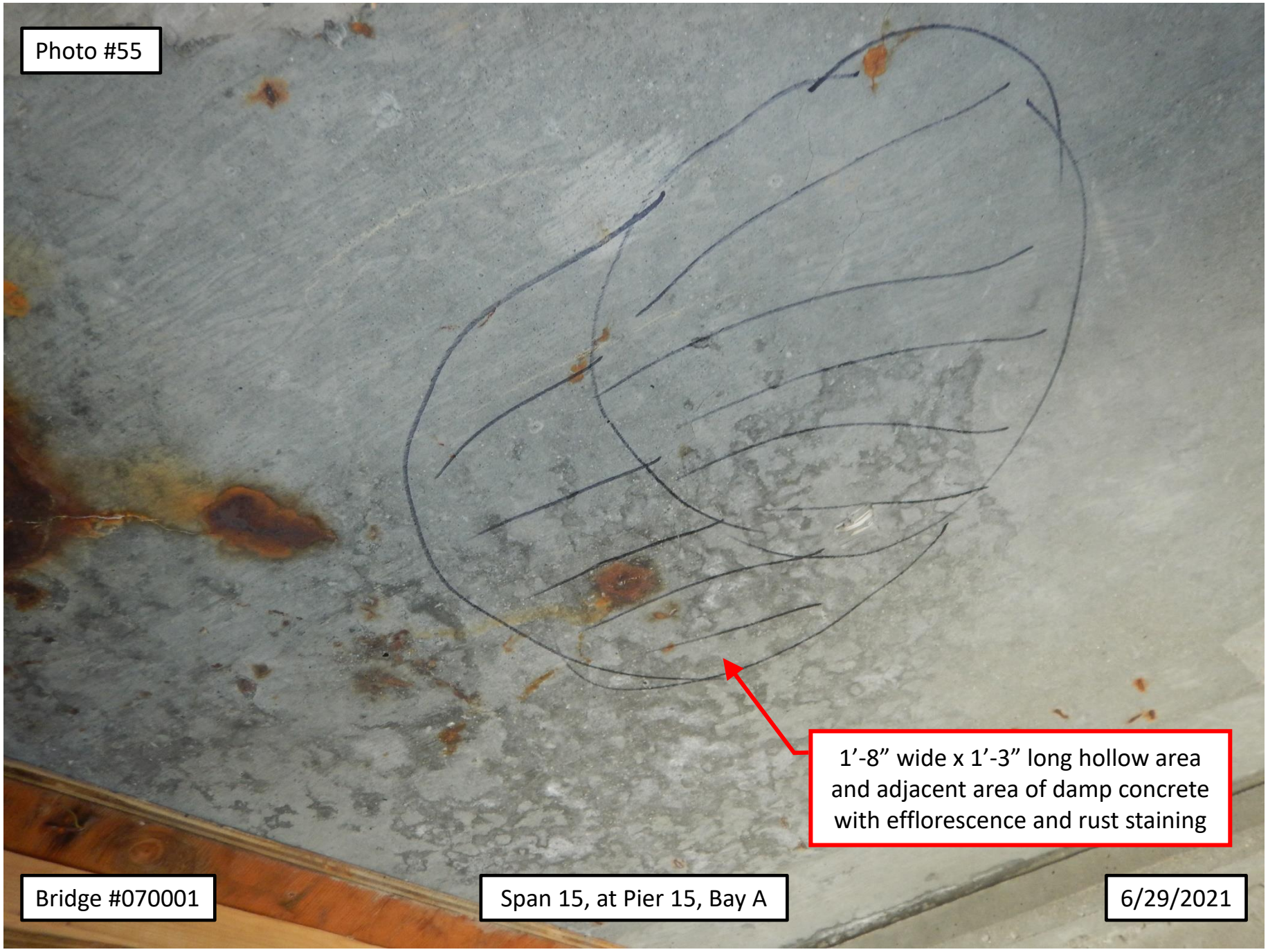
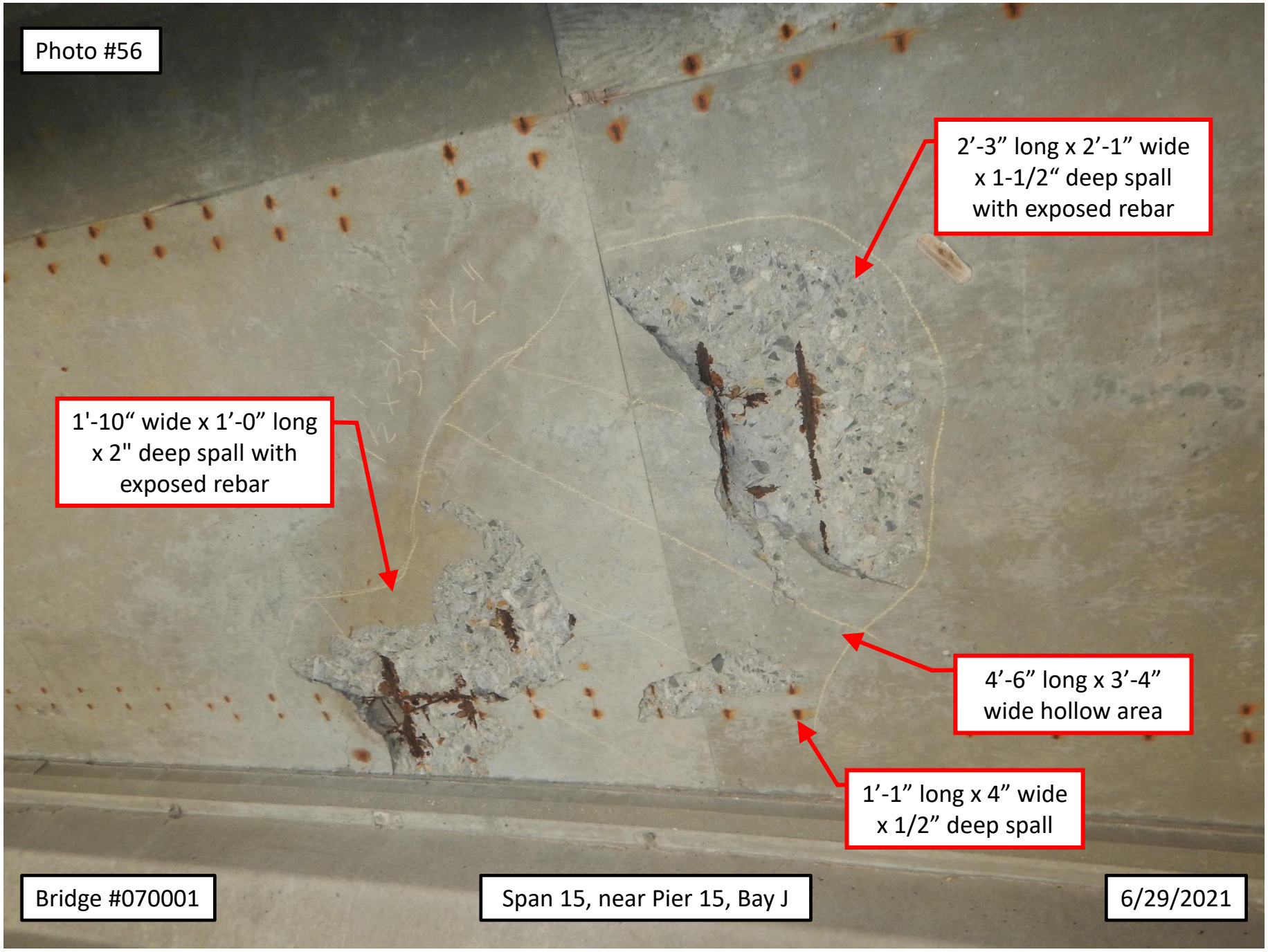

Photo #51
2’-0” wide x 3’-0” long hollow area
4’-0” diameter area of damp concrete with rust staining
Bridge #070001
Span 7, Bay J, near Intermediate Diaphragm 1
7/7/2021

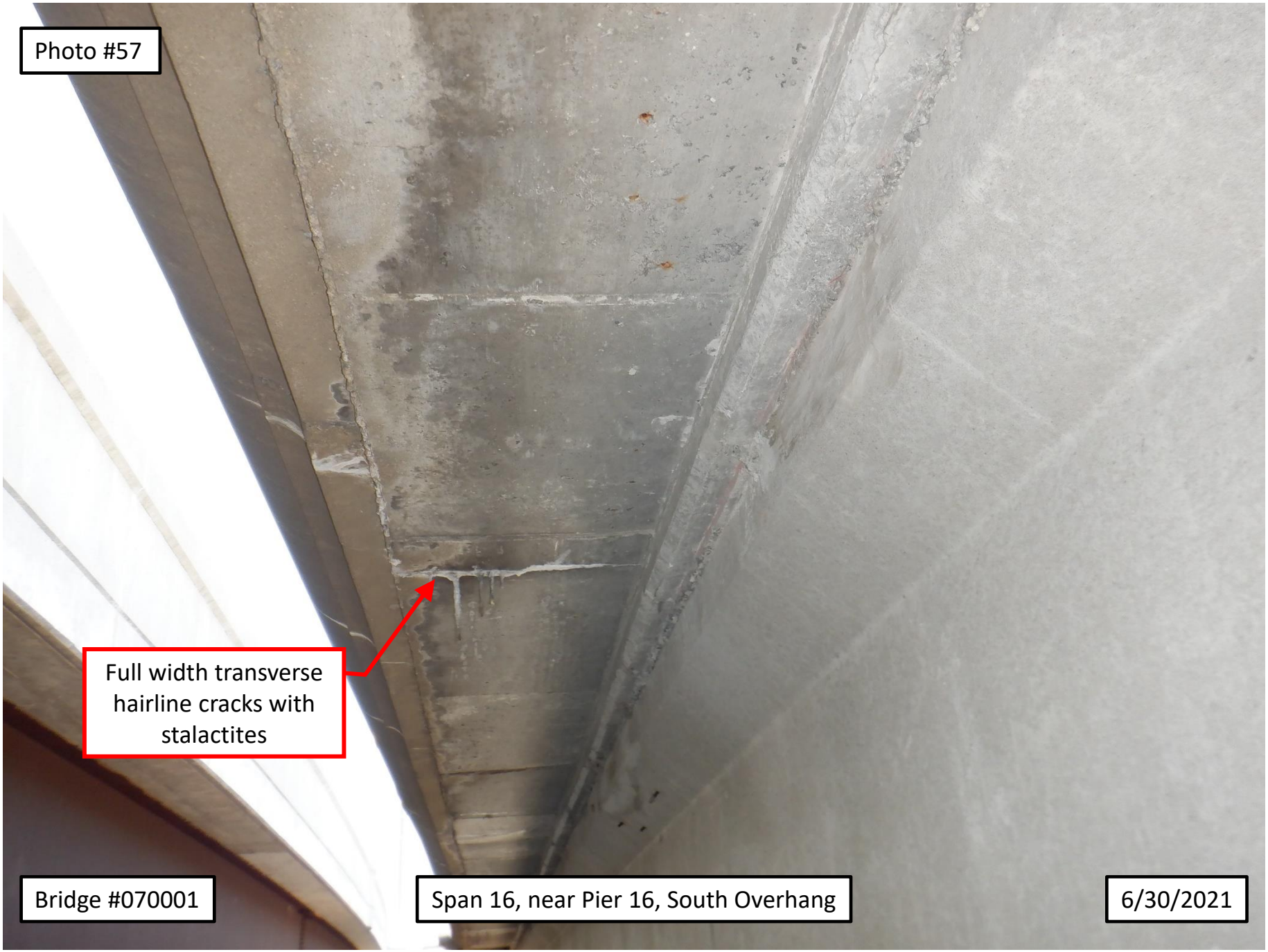

Photo #52
1’-0” wide x 8” long x 1” deep spall with exposed rebar, and 3’-0” wide x 4’-0” long area of map cracking with rust staining at drainpipe
Bridge #070001
Span 8, East of West Corbel, Bay E
7/8/2021

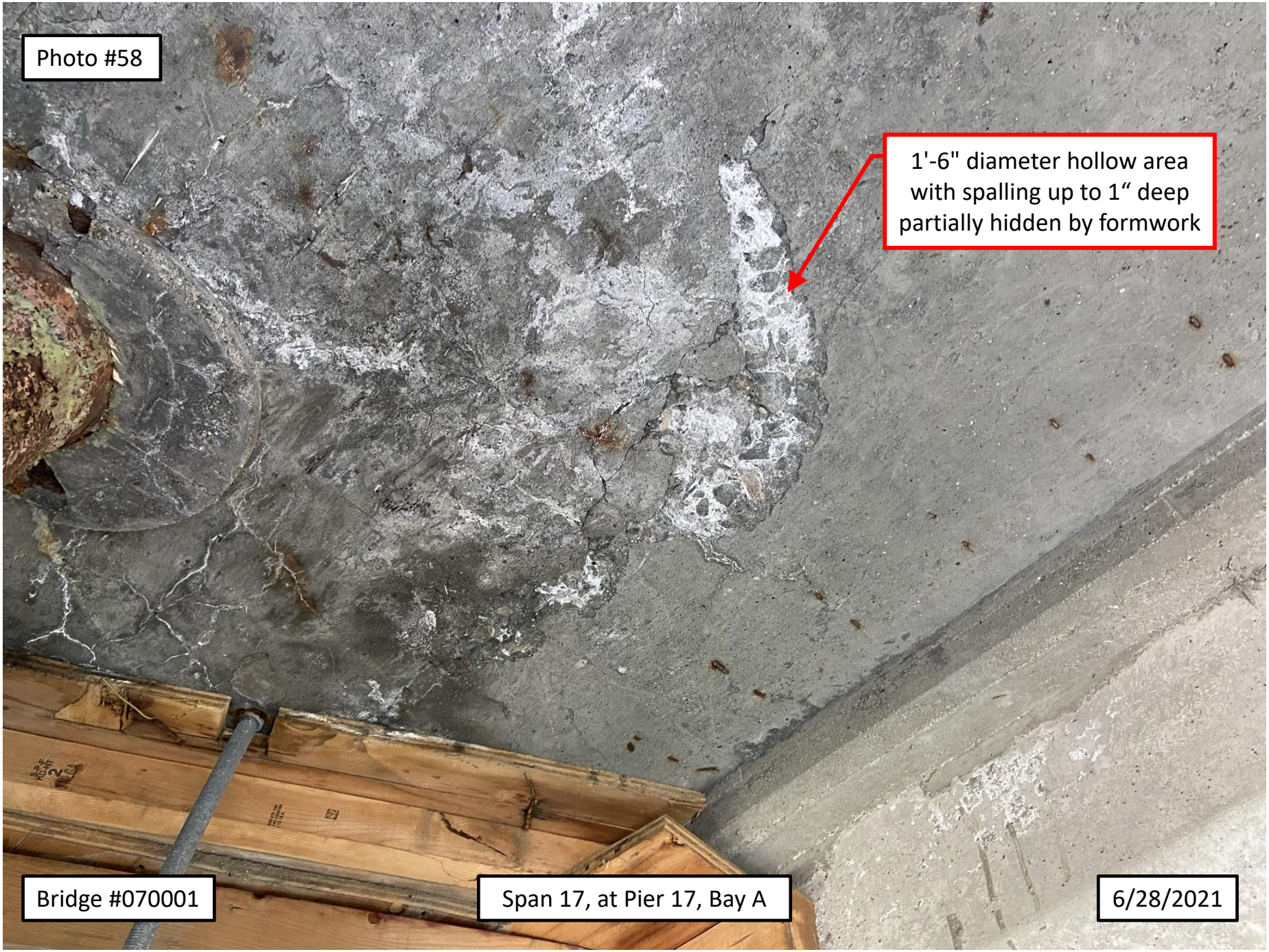

Photo #53
2’-2” long concrete patch with 2’-0” wide x 7” long x 2” deep edge spalling with exposed rebar
Bridge #070001
Span 9, East of East Corbel, Bay A
7/8/2021

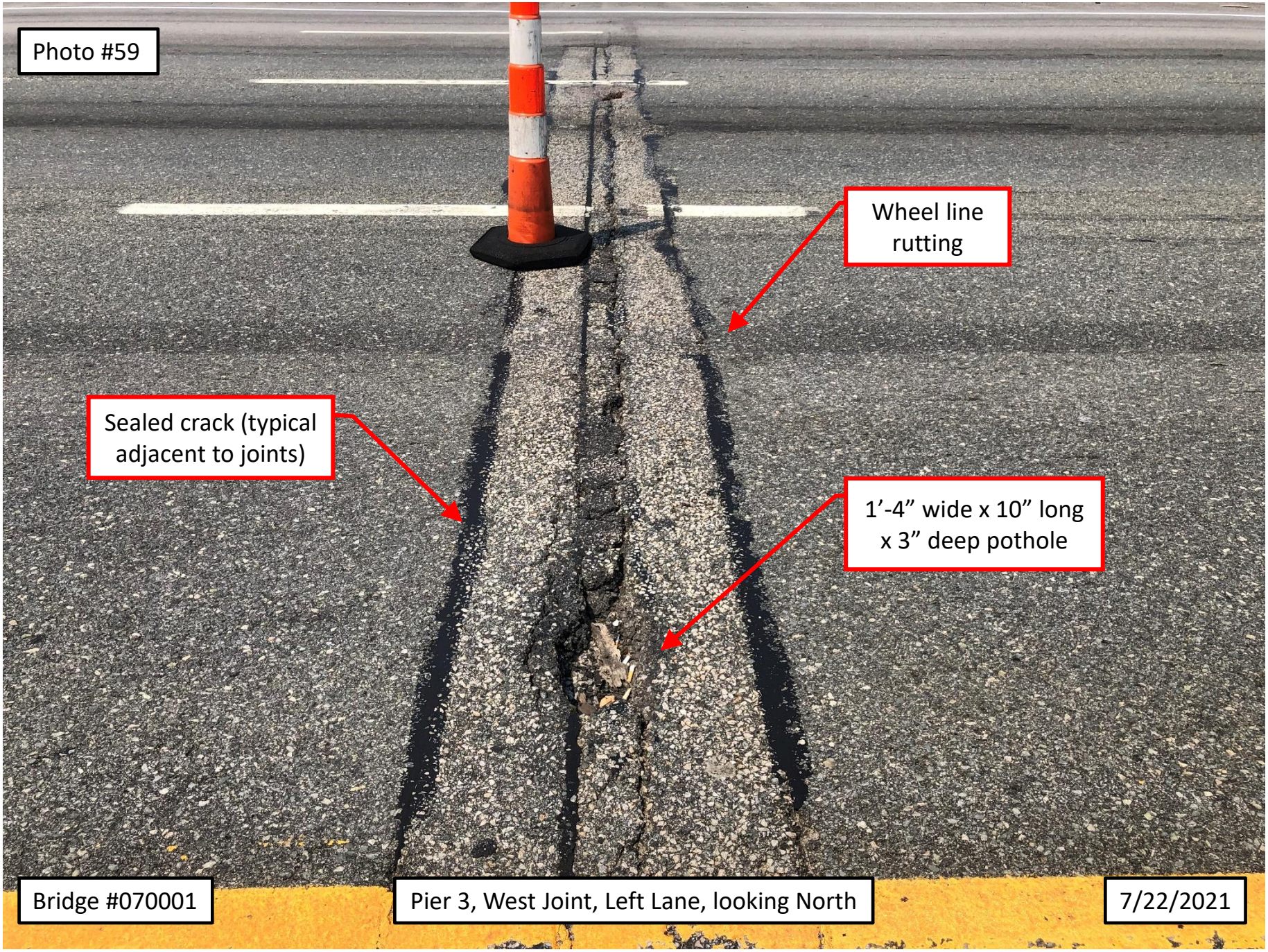

Photo #54
4'-0" diameter area of up to 1" deep spalling
Bridge #070001
Span 14, at Pier 13, Bay E
7/20/2021


Photo #55
1’-8” wide x 1’-3” long hollow area and adjacent area of damp concrete with efflorescence and rust staining
Bridge #070001
Span 15, at Pier 15, Bay A
6/29/2021


Photo #56
2’-3” long x 2’-1” wide x 1-1/2“ deep spall with exposed rebar
1'-10“ wide x 1’-0” long x 2" deep spall with exposed rebar
4’-6” long x 3’-4” wide hollow area
1’-1” long x 4” wide x 1/2” deep spall
Bridge #070001
Span 15, near Pier 15, Bay J
6/29/2021


Photo #57
Full width transverse hairline cracks with stalactites
Bridge #070001
Span 16, near Pier 16, South Overhang
6/30/2021


Photo #58
1'-6" diameter hollow area with spalling up to 1“ deep partially hidden by formwork
Bridge #070001
Span 17, at Pier 17, Bay A
6/28/2021


Photo #59
Wheel line rutting
Sealed crack (typical adjacent to joints)
1’-4” wide x 10” long x 3” deep pothole
Bridge #070001
Pier 3, West Joint, Left Lane, looking North
7/22/2021

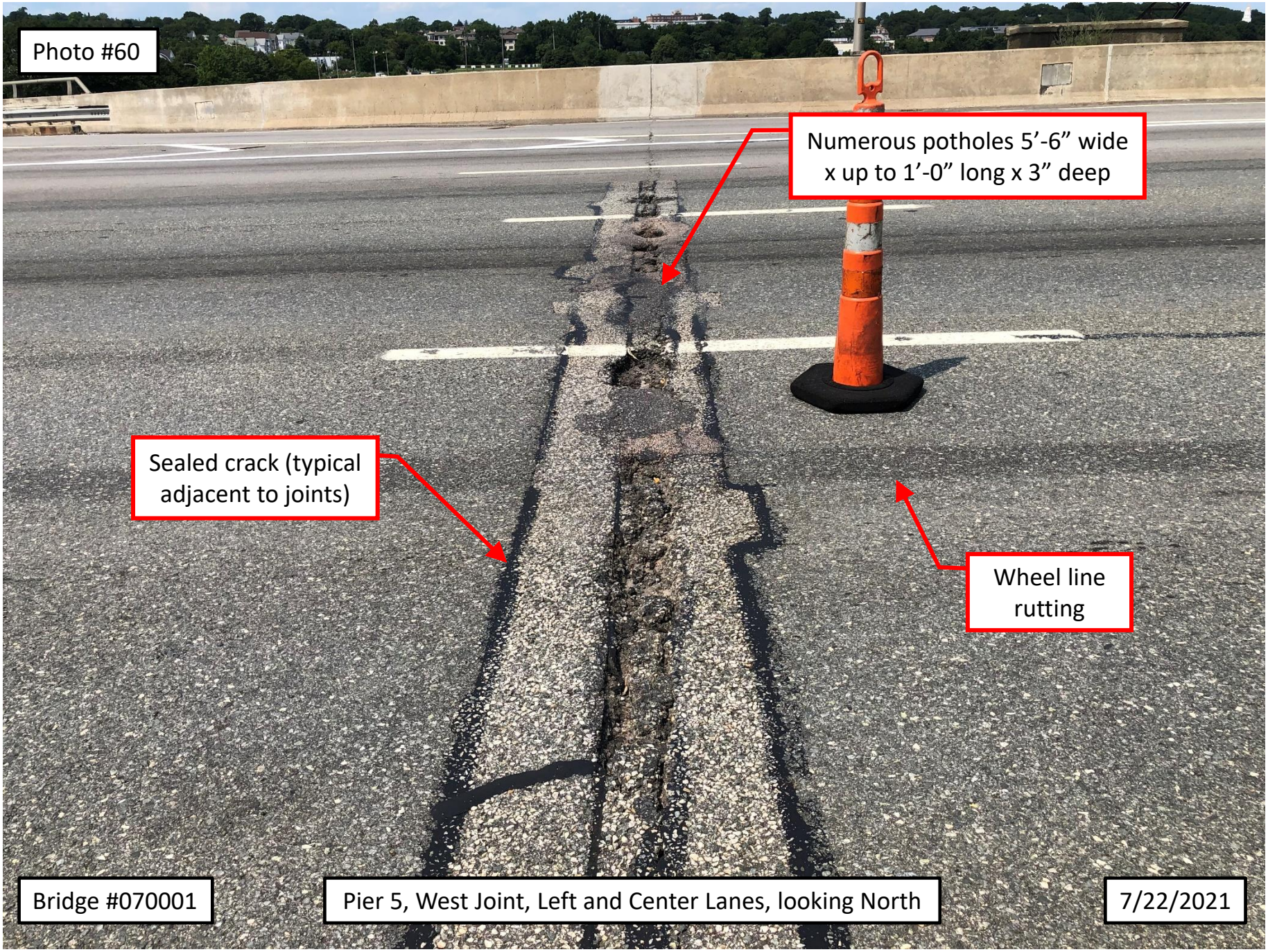
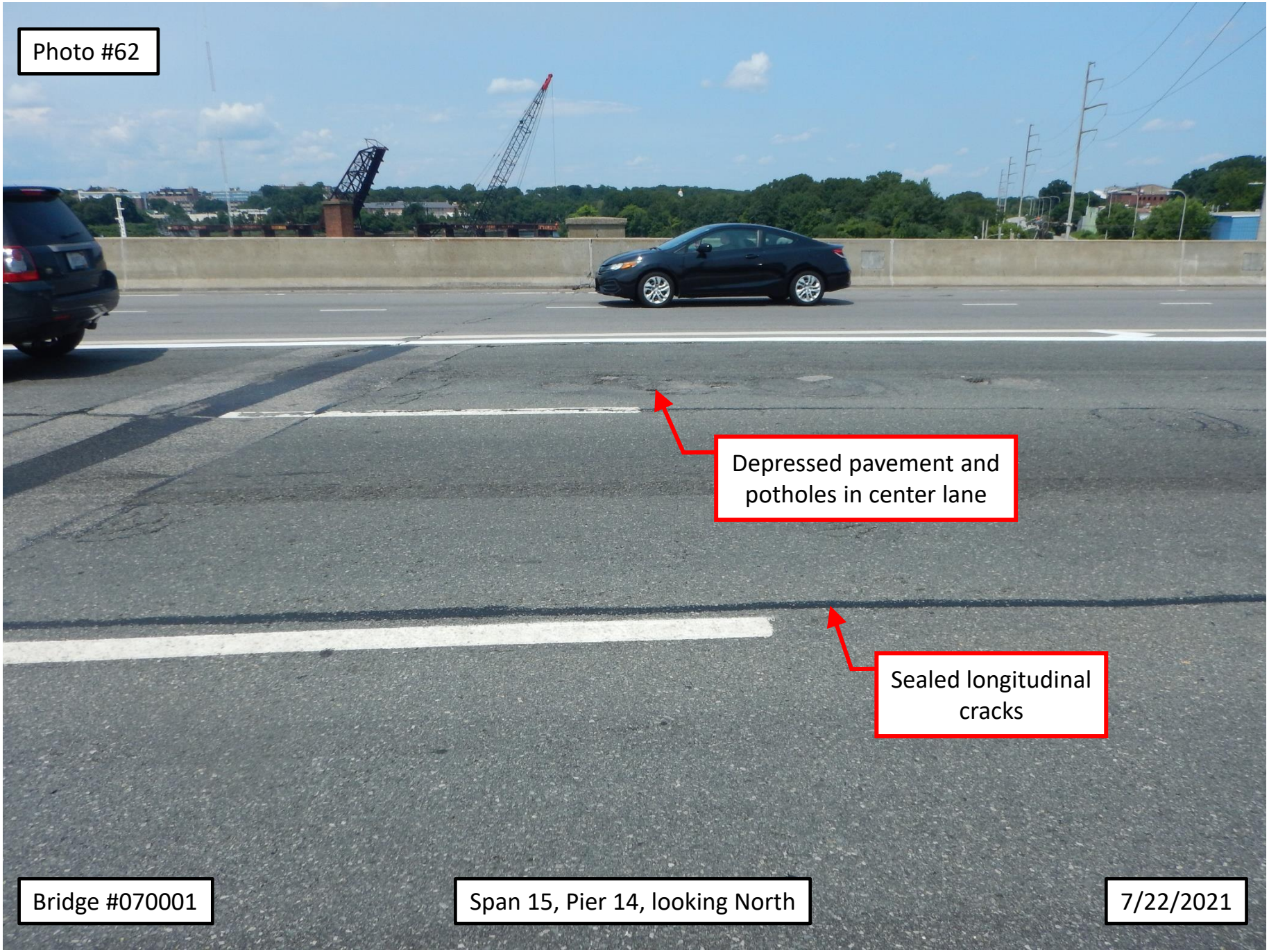

Photo #60
Numerous potholes 5’-6” wide x up to 1’-0” long x 3” deep
Sealed crack (typical adjacent to joints)
Wheel line rutting
Bridge #070001
Pier 5, West Joint, Left and Center Lanes, looking North
7/22/2021


Photo #61
EXIT 1D
OLD EXIT 3
Typical transverse cracks up to 1/4” wide
Bridge #070001
Span 6, Left Shoulder, looking West
7/22/2021


Photo #62
Depressed pavement and potholes in center lane
Sealed longitudinal cracks
Bridge #070001
Span 15, Pier 14, looking North
7/22/2021

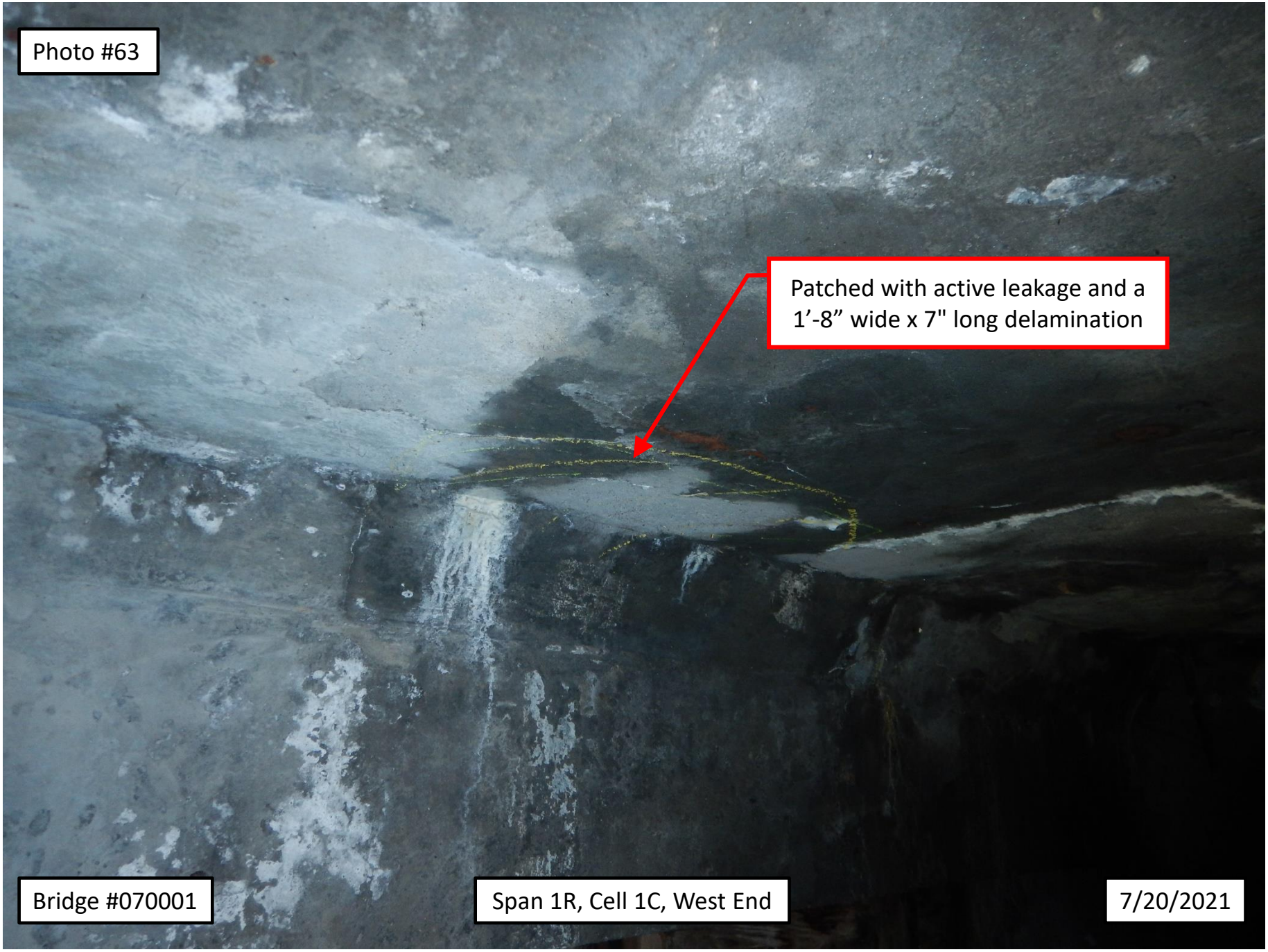
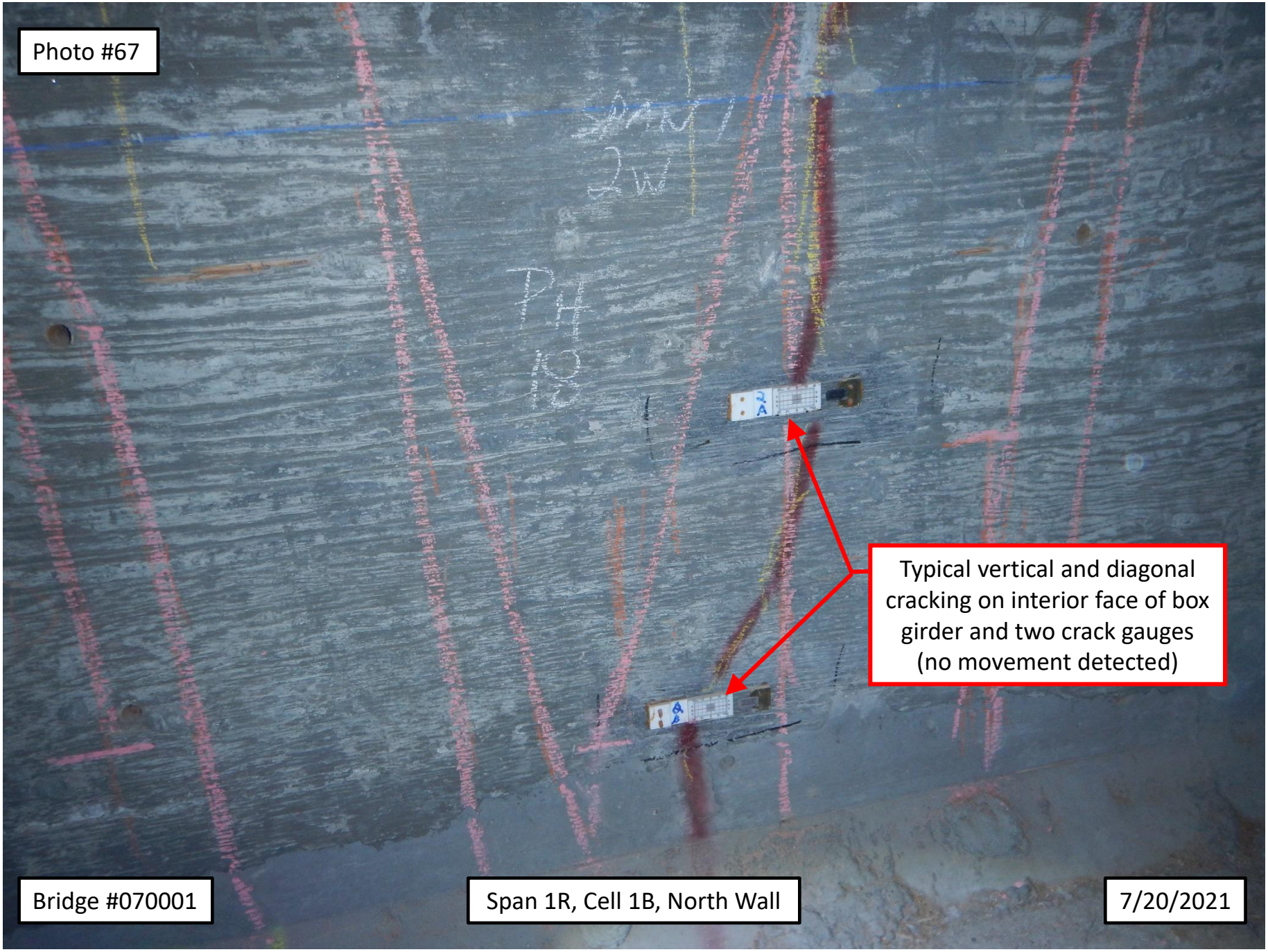
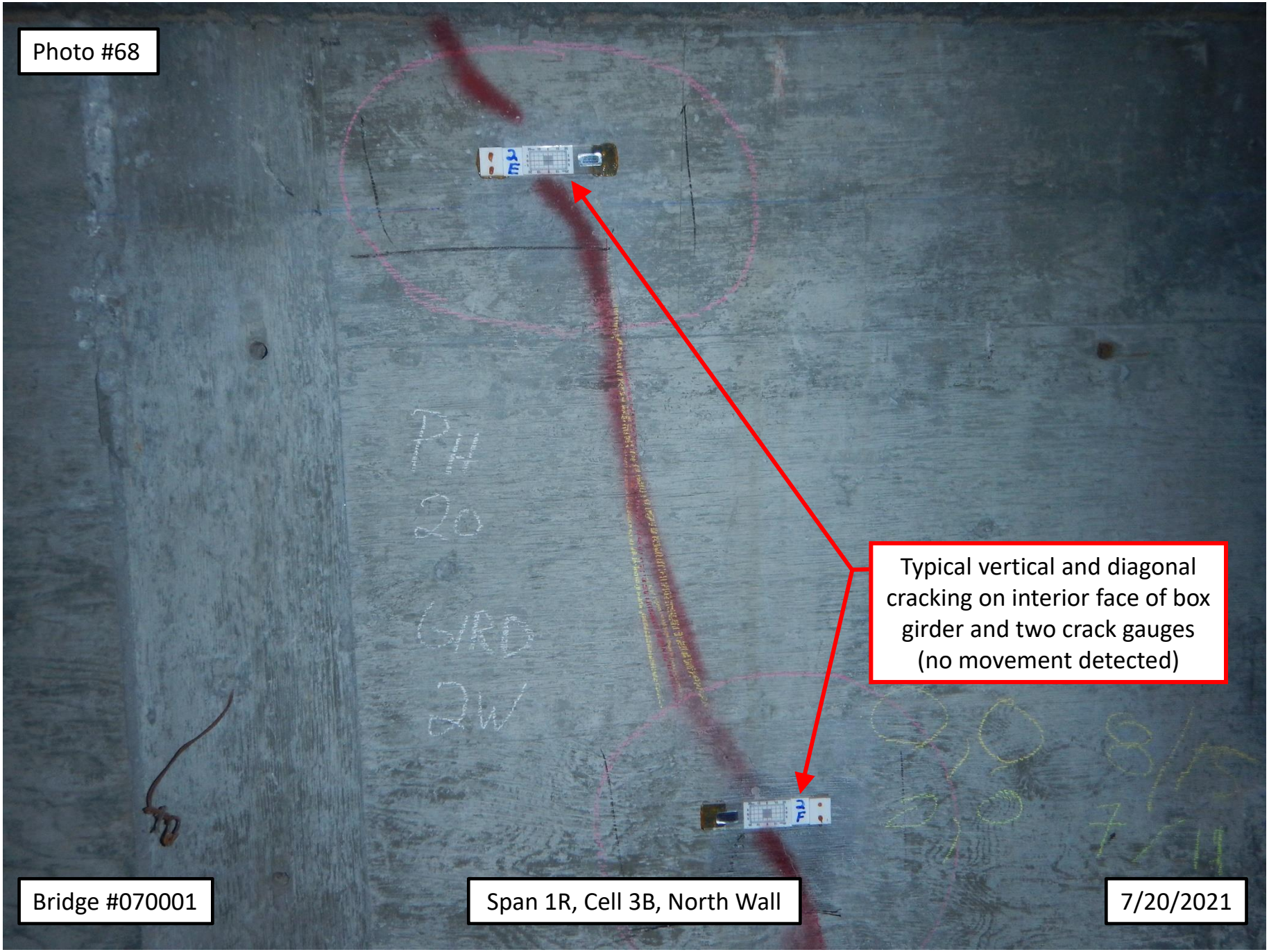

Photo #63
Patched with active leakage and a 1’-8” wide x 7" long delamination
Bridge #070001
Span 1R, Cell 1C, West End
7/20/2021

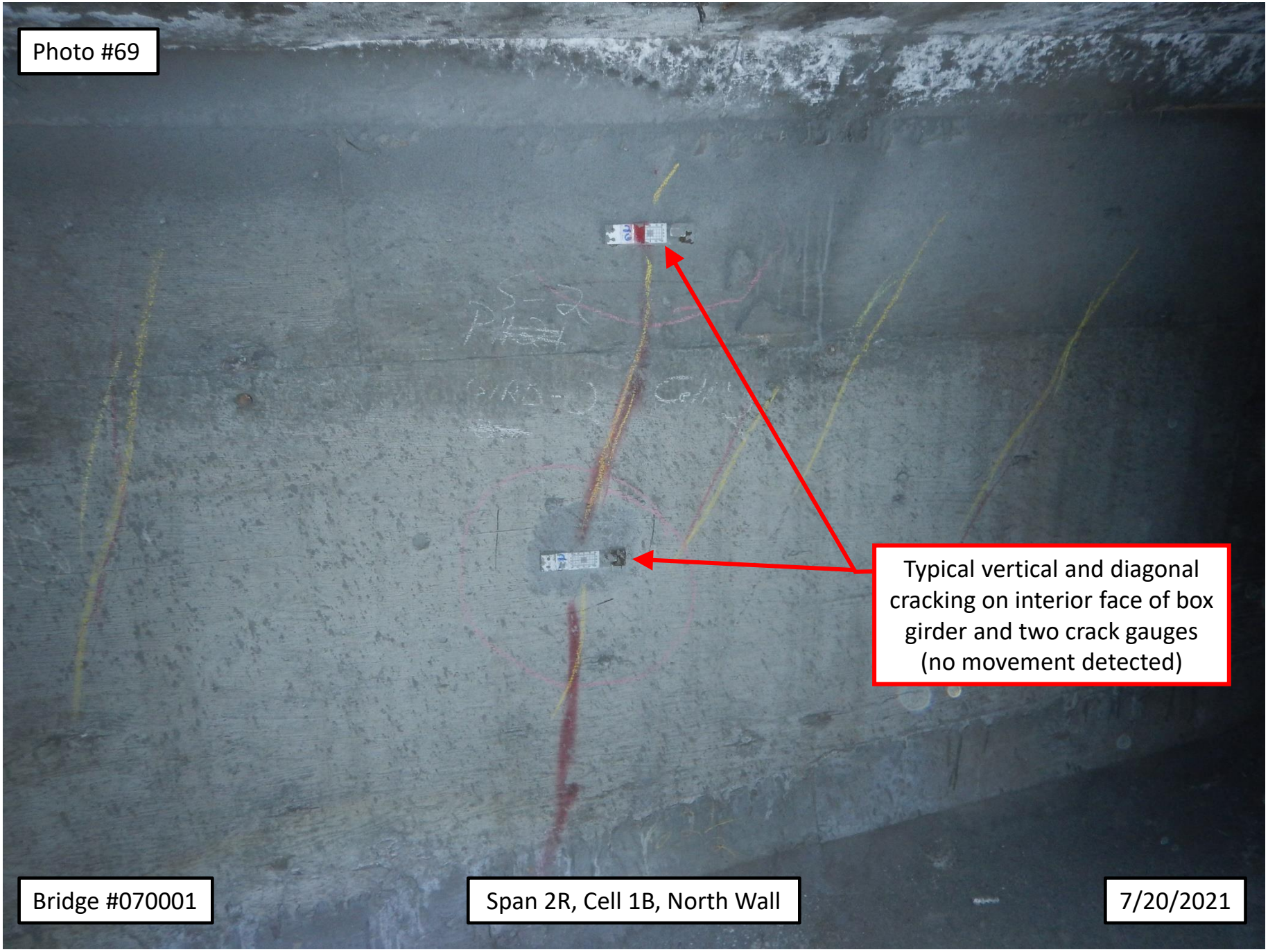

Photo #64
8" long x 1’-5” wide x 2" deep spall/hollow area with exposed rebar
Bridge #070001
Span 2R, Cell 1B, Mid-Cell
7/20/2021

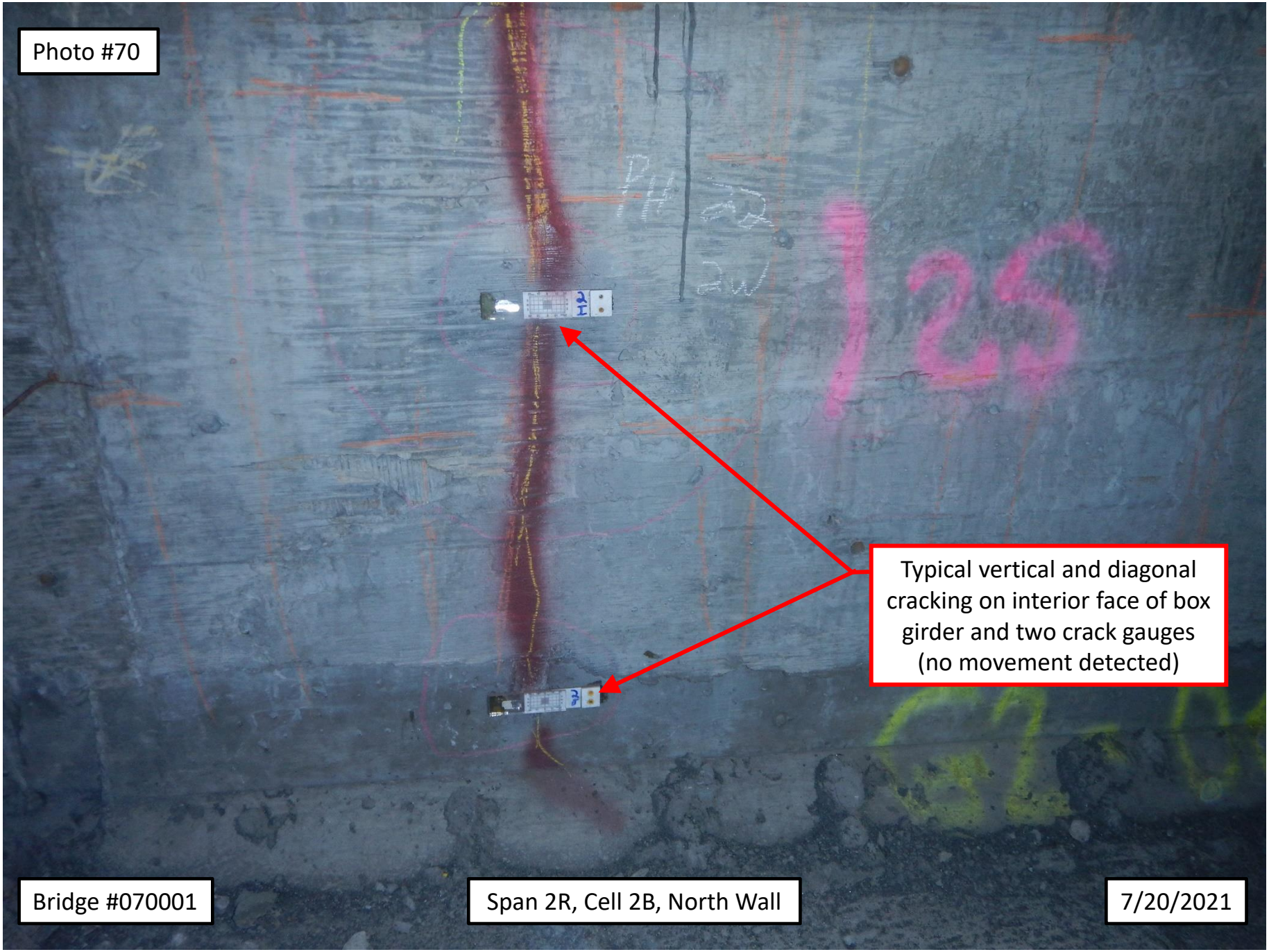

Photo #65
4’-0” long x full width area of hairline map cracks with efflorescence and rust and formwork left in place on top flange
Bridge #070001
Span 2R, Cell 3B, East End
7/20/2021

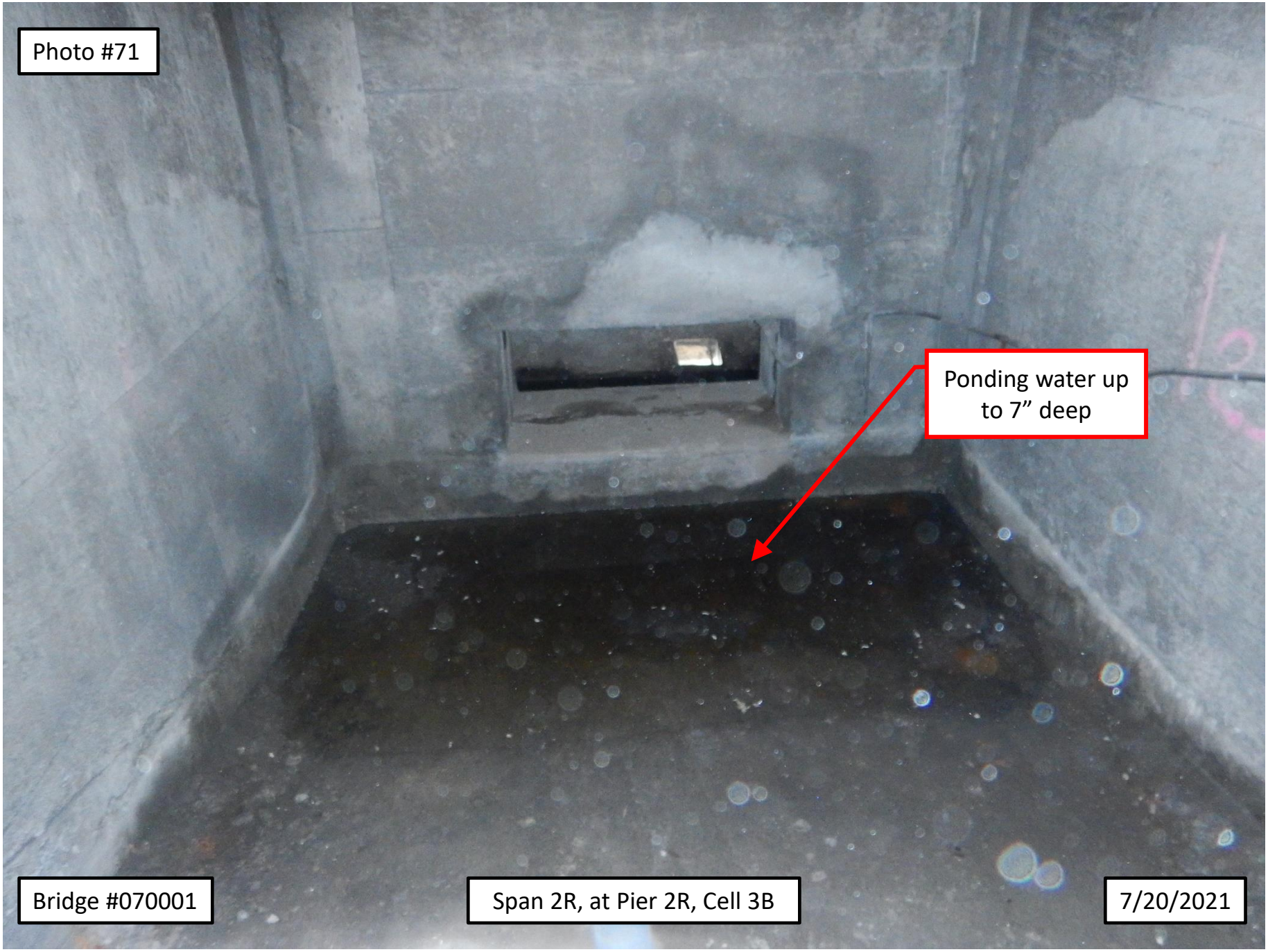

Photo #66
10’-0” long x 5’-0” wide patch with honeycombing, exposed rebar, and active leakage, efflorescence, and adjacent 6’-0” long x 2’-0” wide hollow area
Bridge #070001
Span 2R, Cell 3C, East End
7/20/2021


Photo #67
Typical vertical and diagonal cracking on interior face of box girder and two crack gauges (no movement detected)
Bridge #070001
Span 1R, Cell 1B, North Wall
7/20/2021


Photo #68
Typical vertical and diagonal cracking on interior face of box girder and two crack gauges (no movement detected)
Bridge #070001
Span 1R, Cell 3B, North Wall
7/20/2021


Photo #69
Typical vertical and diagonal cracking on interior face of box girder and two crack gauges (no movement detected)
Bridge #070001
Span 2R, Cell 1B, North Wall
7/20/2021


Photo #70
Typical vertical and diagonal cracking on interior face of box girder and two crack gauges (no movement detected)
Bridge #070001
Span 2R, Cell 2B, North Wall
7/20/2021


Photo #71
Ponding water up to 7” deep
Bridge #070001
Span 2R, at Pier 2R, Cell 3B
7/20/2021

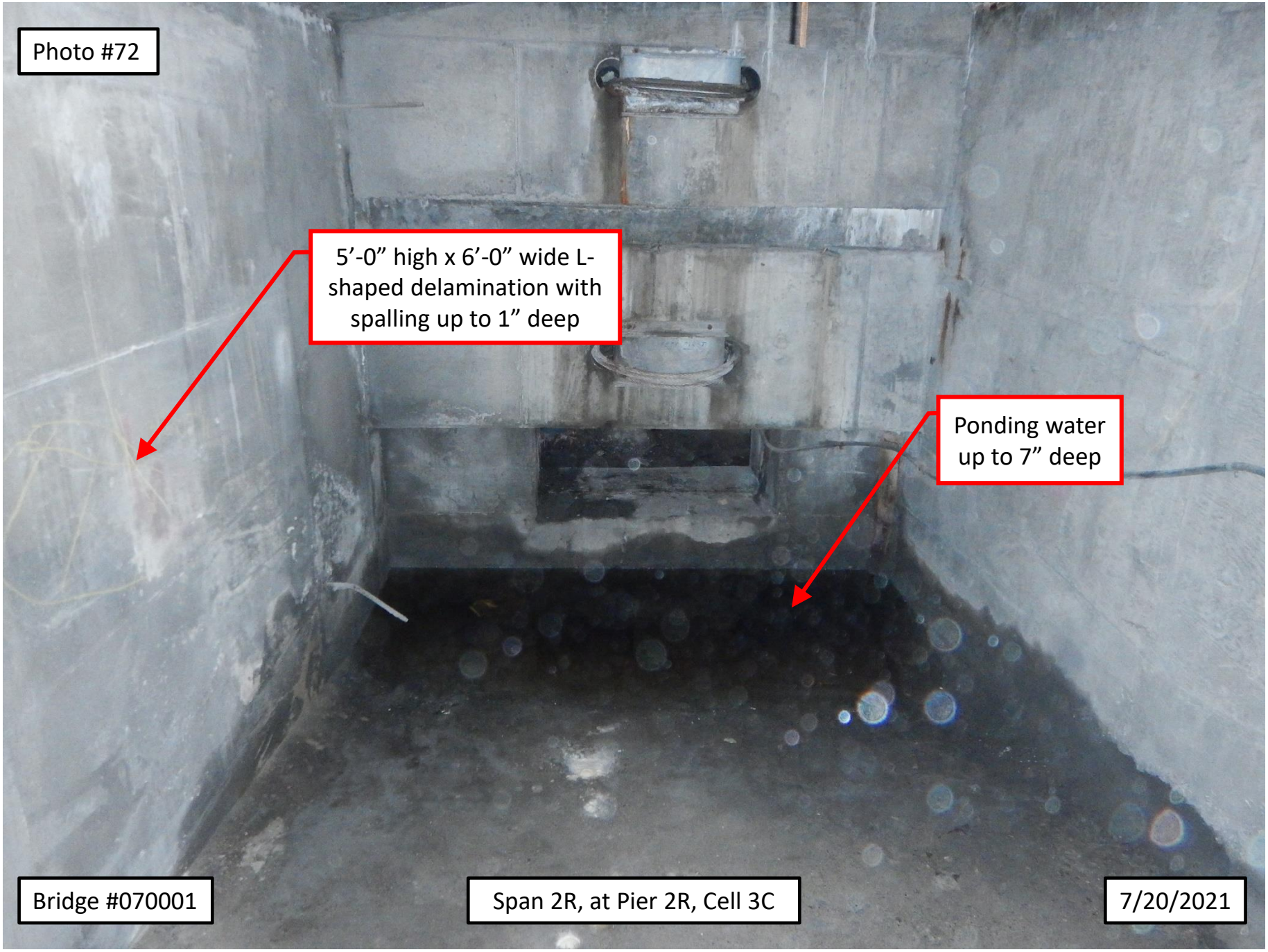

Photo #72
5’-0” high x 6’-0” wide L-shaped delamination with spalling up to 1” deep
Ponding water up to 7” deep
Bridge #070001
Span 2R, at Pier 2R, Cell 3C
7/20/2021


Photo #73
2'-0" high x 7'-6" long x 1" deep spall/hollow area
Bridge #070001
Span 1R, Cell 3C, North Wall, East End
7/20/2021


Photo #74
10” long x 5” wide hollow area with 3’-0” long transverse hairline crack
Bridge #070001
Span 1R, Midspan, near North Fascia Arch
7/12/2021


Photo #75
8’-0” long hairline transverse crack
15’-0” long hairline diagonal crack
4’-0” wide x 6’-0” long area of heavy rust staining and efflorescence
Bridge #070001
Span 2R, at Pier 2R, near North Fascia Arch
7/12/2021


Photo #76
1’-0” wide x 1’-0” long square cut out with active leakage
Bridge #070001
Span 3R, at Pier 2R
7/12/2021

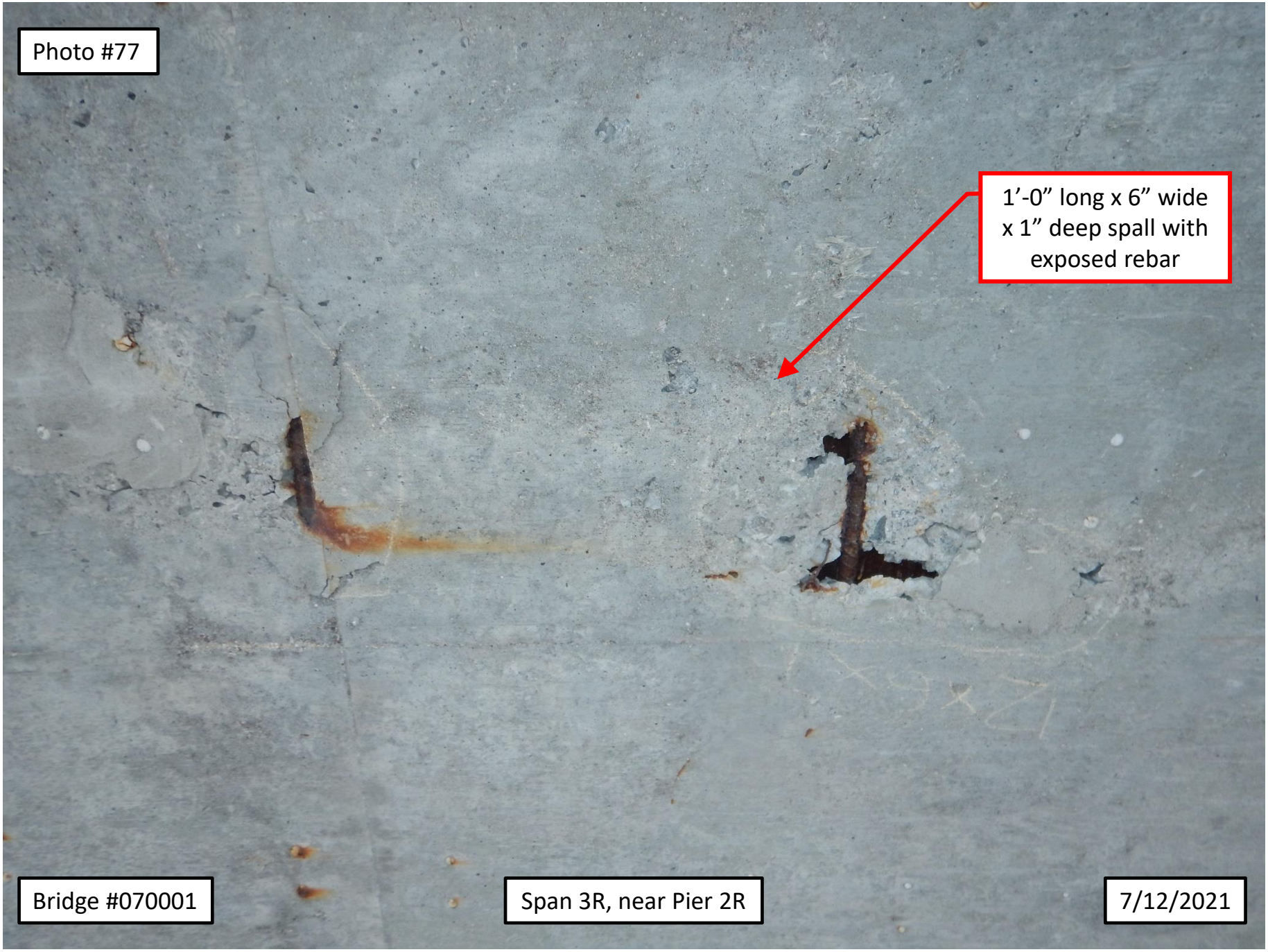

Photo #77
1’-0” long x 6” wide x 1” deep spall with exposed rebar
Bridge #070001
Span 3R, near Pier 2R
7/12/2021


Photo #78
6’-0” wide x 15’-0” long area of hairline cracks with rust staining
Bridge #070001
Span 3R, near Pier 3R, near North Fascia Arch
7/12/2021


Photo #79
3’-6” long x 1’-8” wide hollow area
Bridge #070001
Span 5, near Pier 3R, near North Fascia
7/12/2021

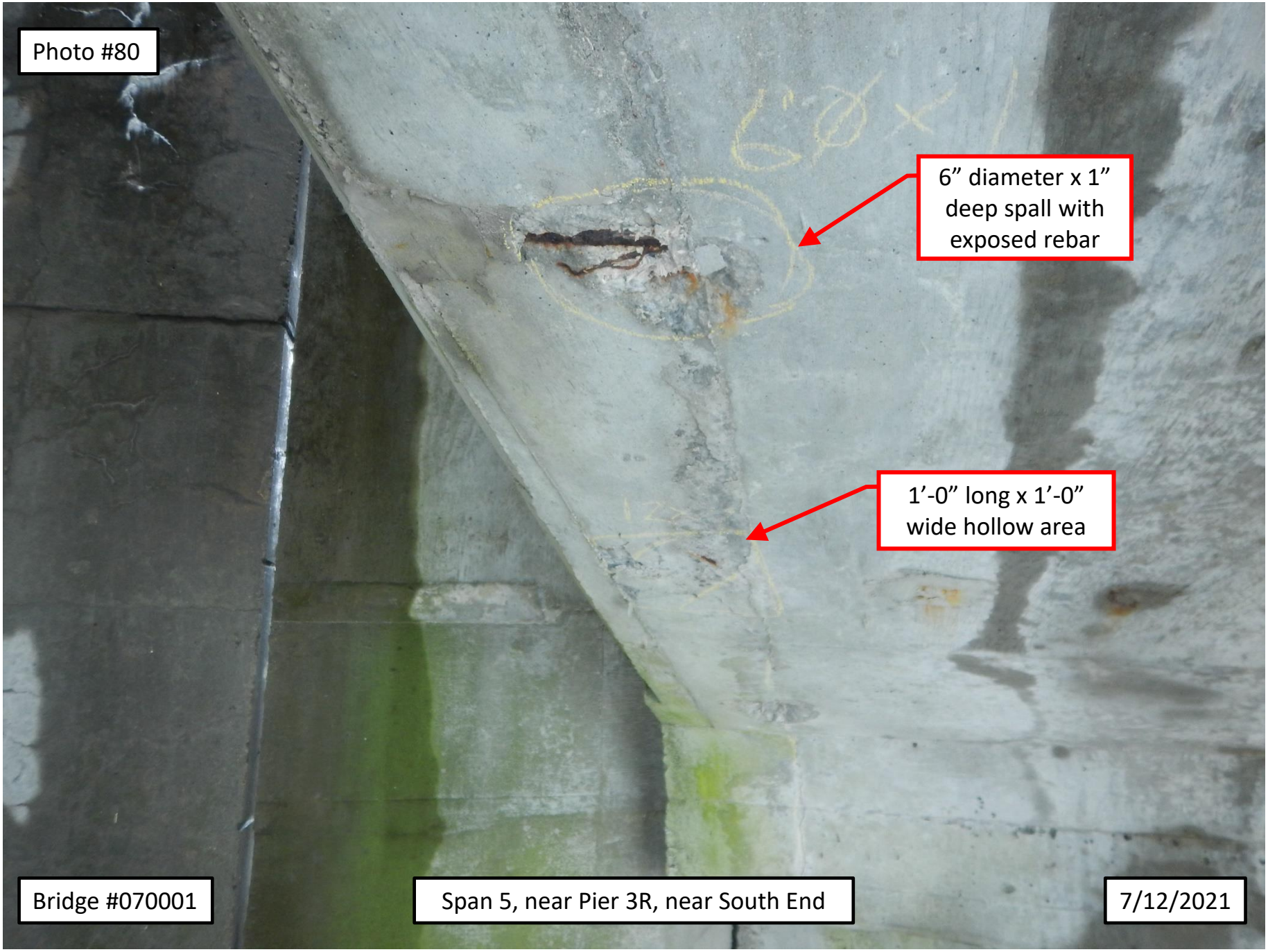
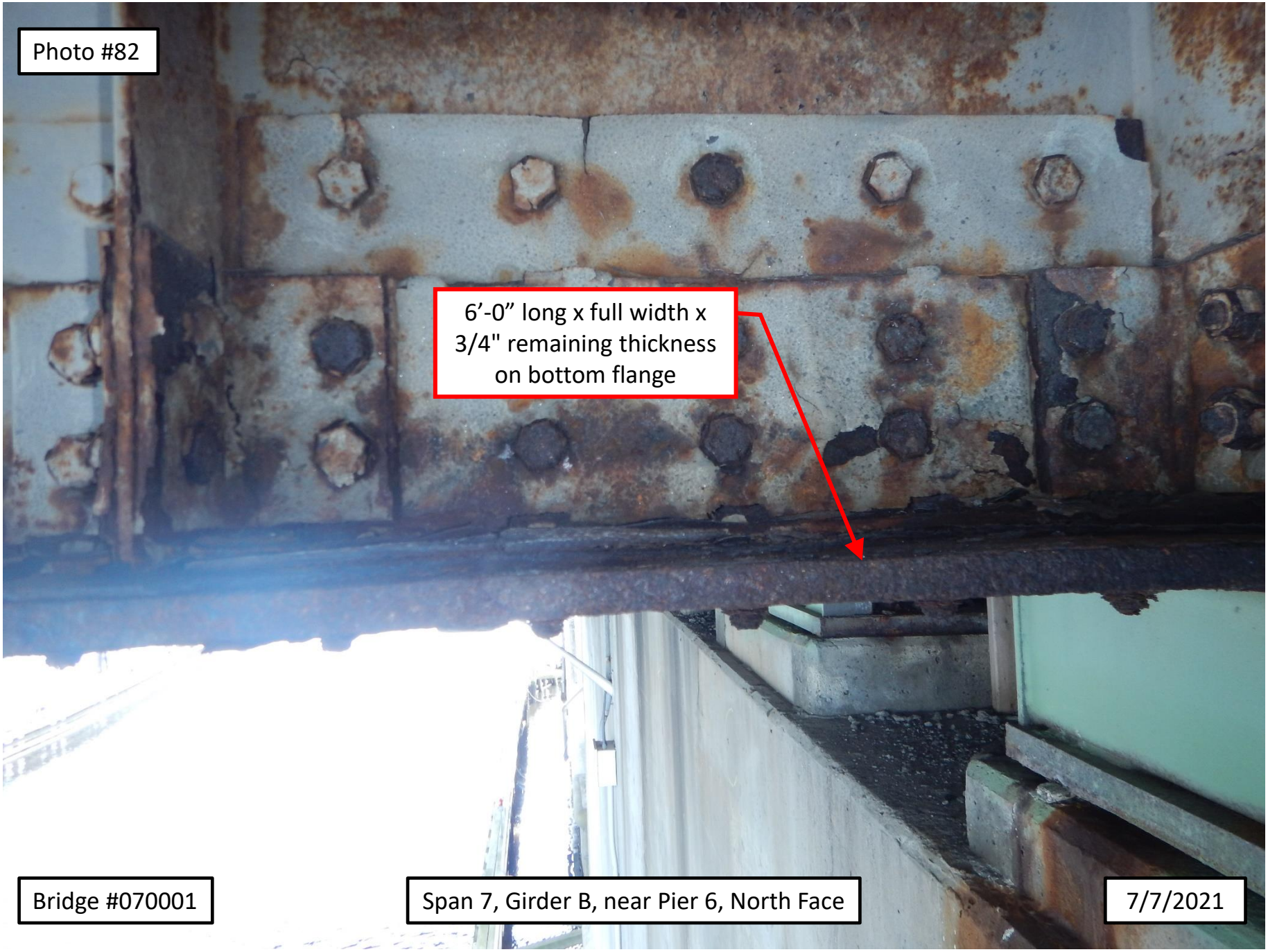

Photo #80
6” diameter x 1” deep spall with exposed rebar
1’-0” long x 1’-0” wide hollow area
Bridge #070001
Span 5, near Pier 3R, near South End
7/12/2021


Photo #81
6" long x up to 5" high x 3/16" deep section loss beyond repair plates
5'-0" long x up to 8" wide x 1/2" remaining thickness on bottom flange
Bridge #070001
Span 7, Girder A, near Pier 6, South Face
7/7/2021


Photo #82
6’-0” long x full width x 3/4" remaining thickness on bottom flange
Bridge #070001
Span 7, Girder B, near Pier 6, North Face
7/7/2021

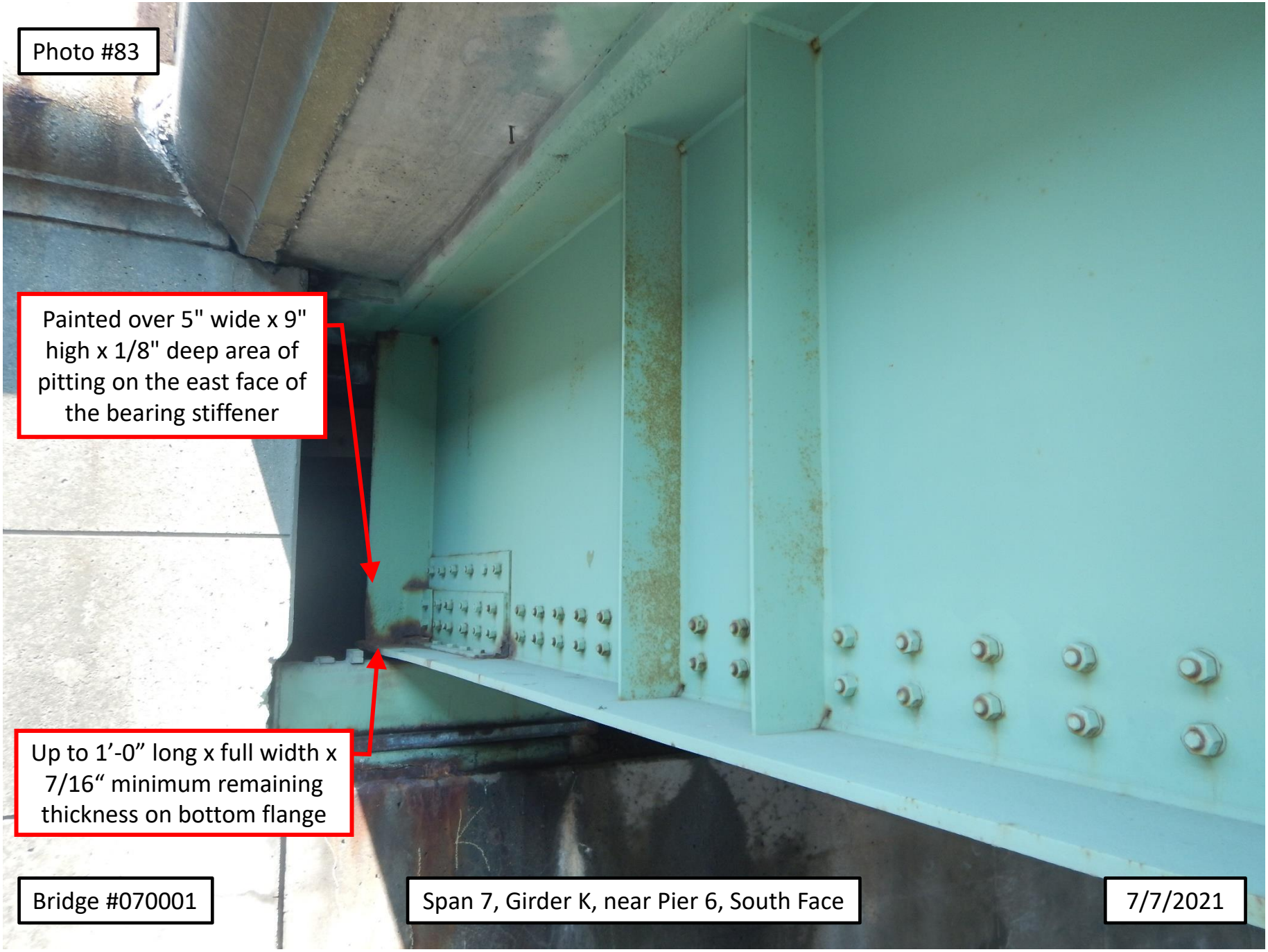
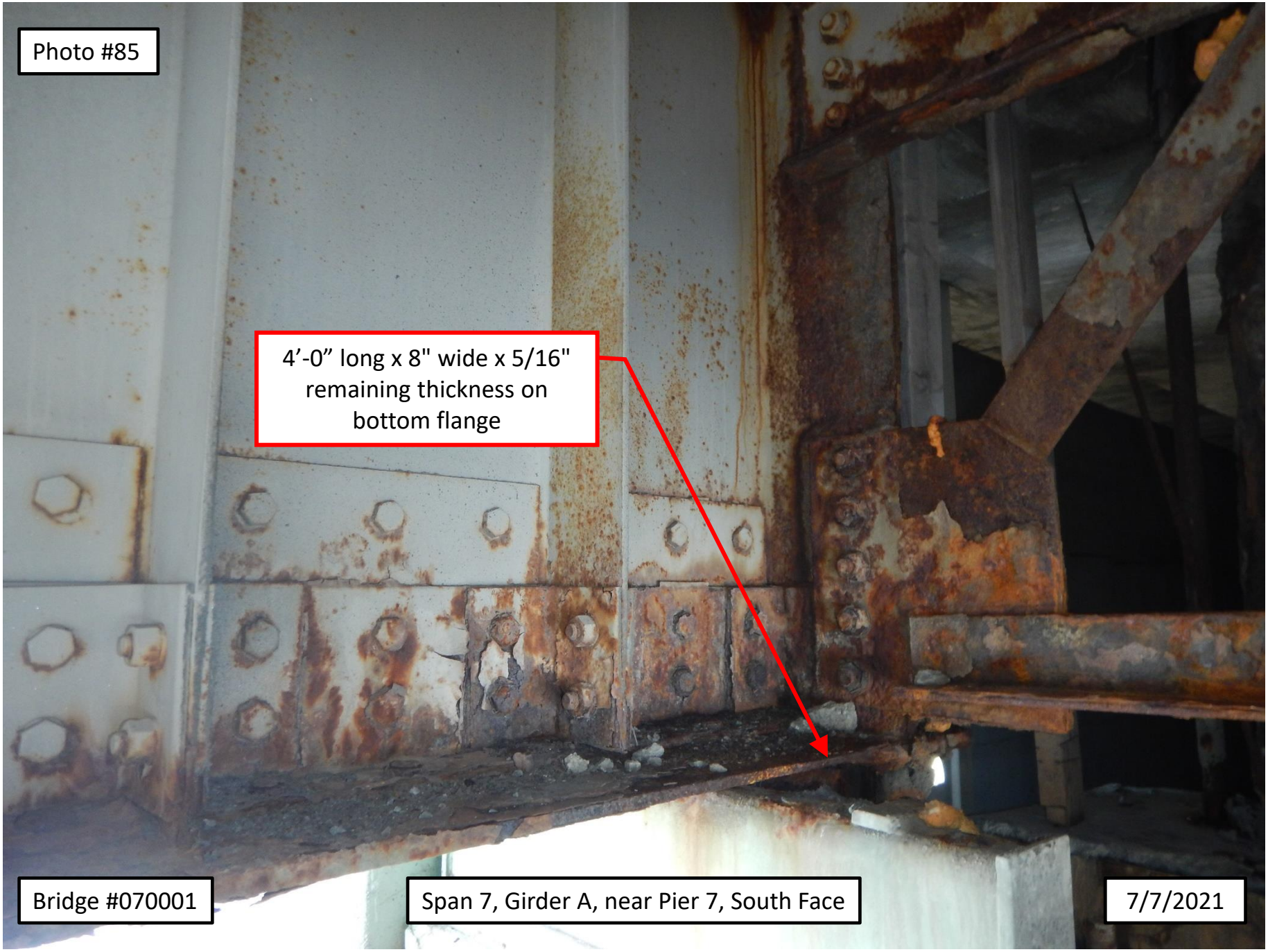
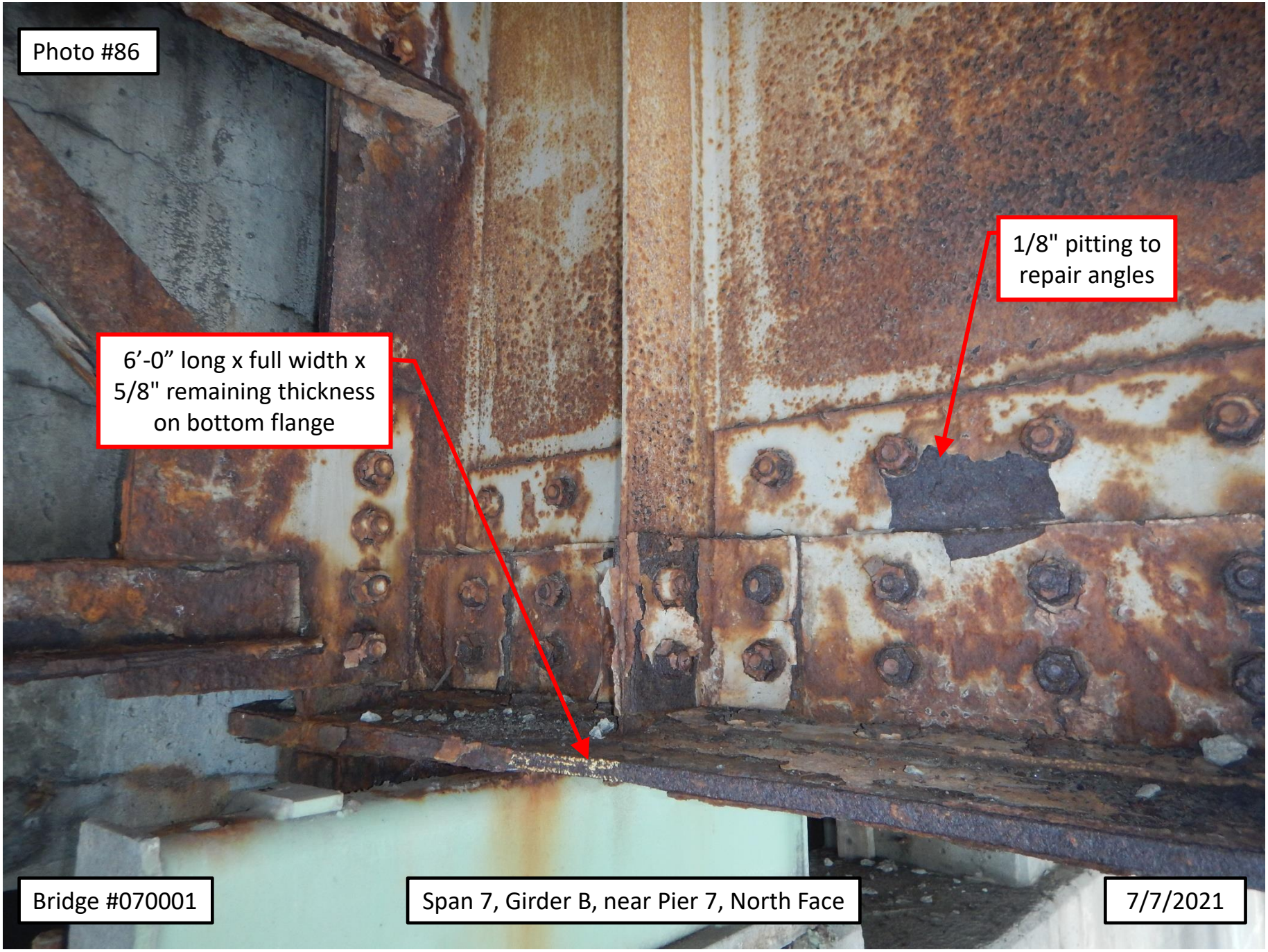

Photo #83
Painted over 5" wide x 9" high x 1/8" deep area of pitting on the east face of the bearing stiffener
Up to 1’-0” long x full width x 7/16“ minimum remaining thickness on bottom flange
Bridge #070001
Span 7, Girder K, near Pier 6, South Face
7/7/2021


Photo #84
Up to 4’-0” long x full width x minimum 7/16" remaining thickness on bottom flange
Bridge #070001
Span 7, Girder K, near Pier 6, North Face
7/7/2021


Photo #85
4’-0” long x 8" wide x 5/16" remaining thickness on bottom flange
Bridge #070001
Span 7, Girder A, near Pier 7, South Face
7/7/2021


Photo #86
1/8" pitting to repair angles
6’-0” long x full width x 5/8" remaining thickness on bottom flange
Bridge #070001
Span 7, Girder B, near Pier 7, North Face
7/7/2021

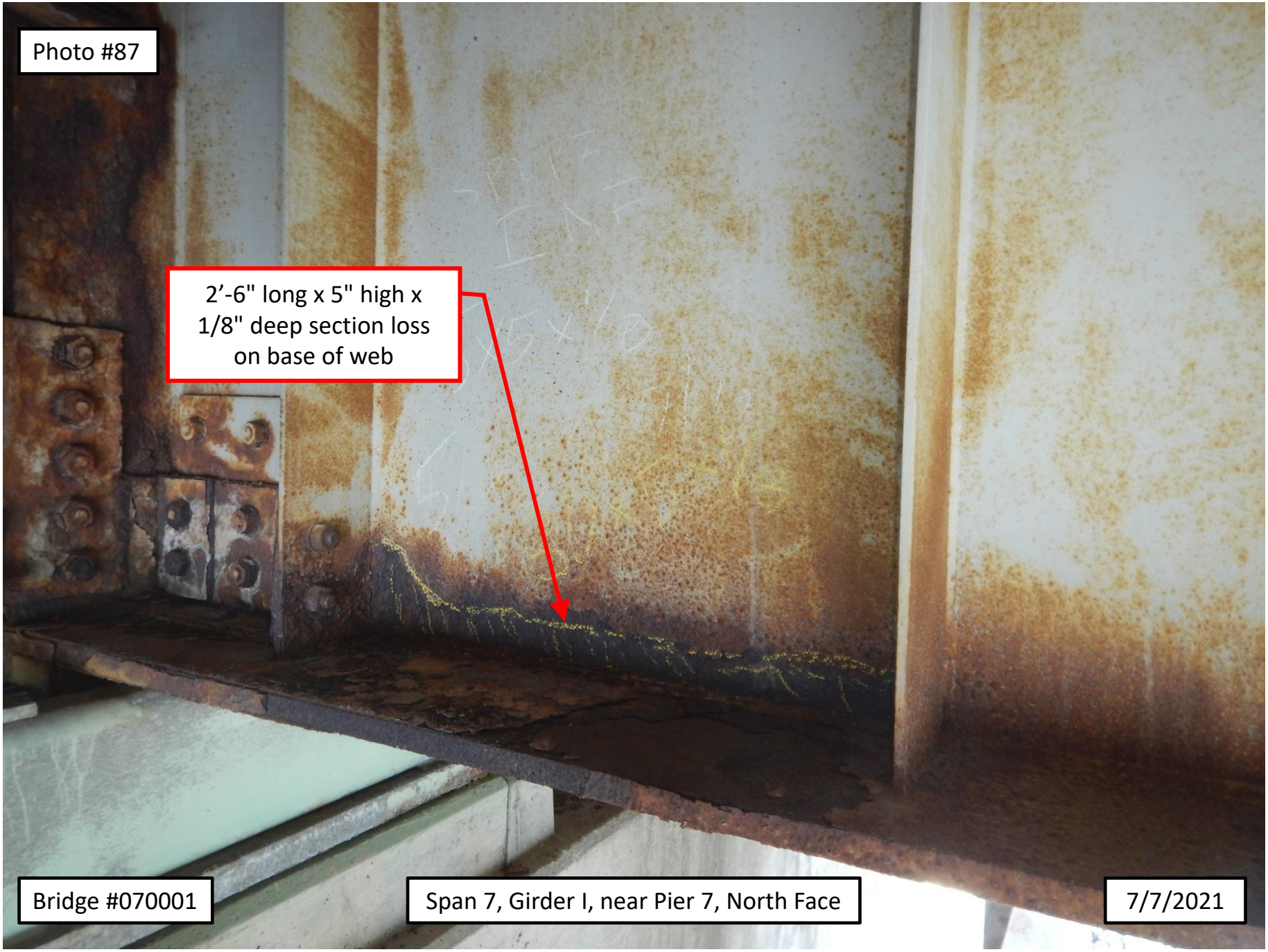
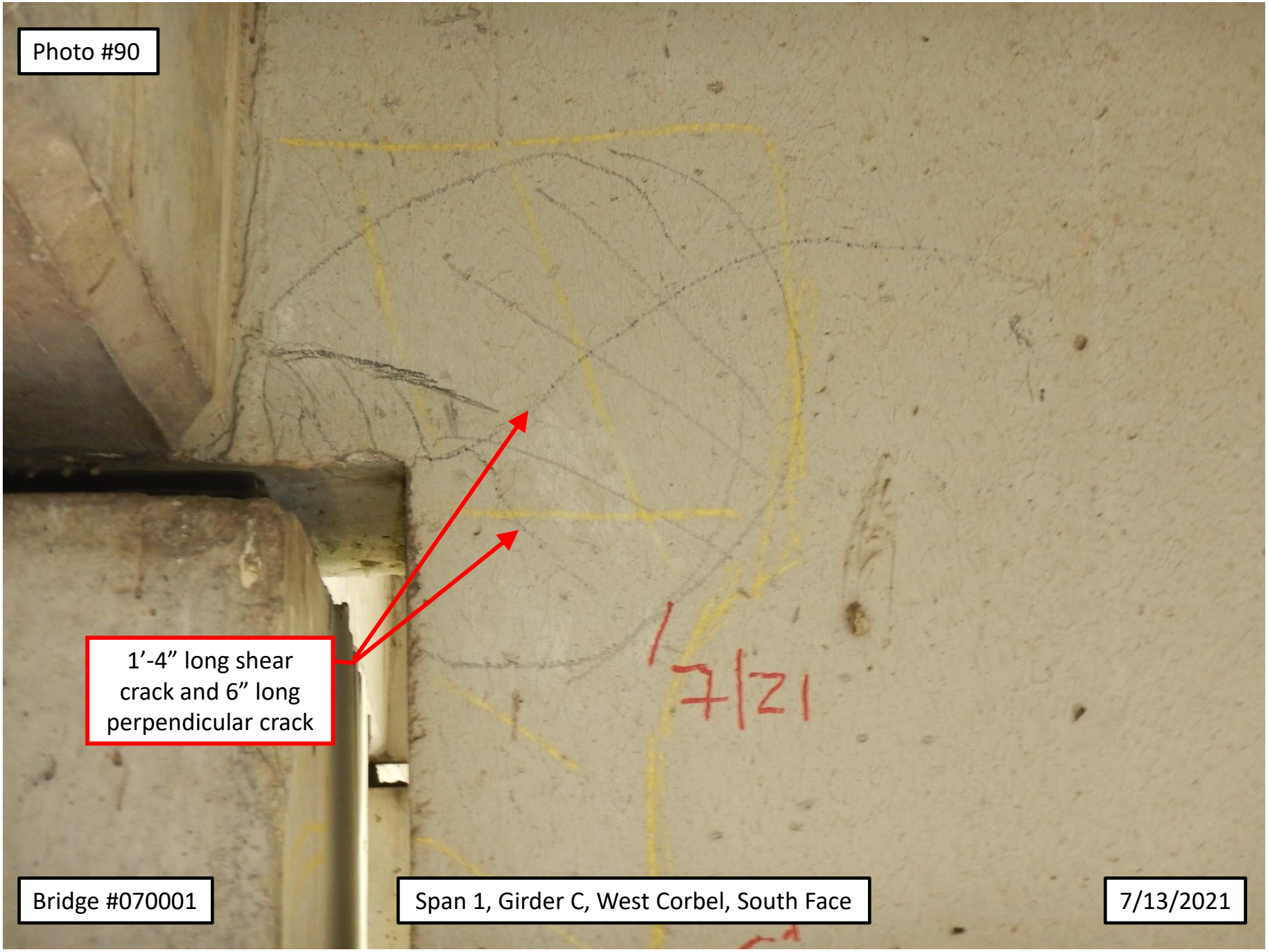
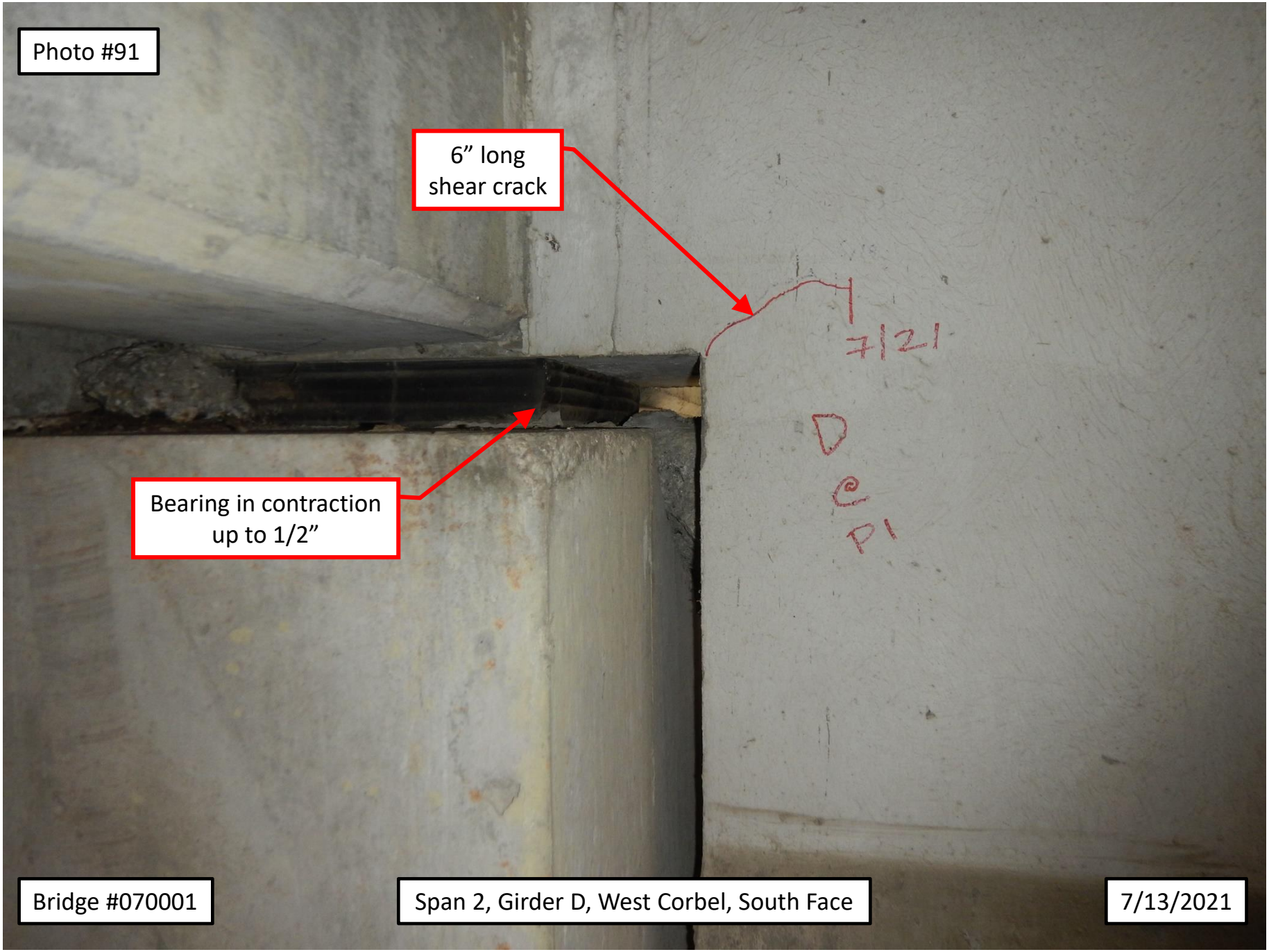

Photo #87
2’-6" long x 5" high x 1/8" deep section loss on base of web
Bridge #070001
Span 7, Girder I, near Pier 7, North Face
7/7/2021


Photo #88
Br # 700
6’-0” long x full width x
7/16" remaining thickness
on bottom flange
Bridge #070001
Span 7, Girder K, near Pier 7, North Face
7/7/2021


Photo #89
7/21
8” long shear crack
Bridge #070001
Span 1, Girder A, West Corbel, North Face
7/13/2021


Photo #90
1'-4" long shear crack and 6" long perpendicular crack
7/21
Bridge #070001
Span 1, Girder C, West Corbel, South Face
7/13/2021


Photo #91
6” long shear crack
Bearing in contraction up to 1/2”
7121
Bridge #070001
Span 2, Girder D, West Corbel, South Face
7/13/2021

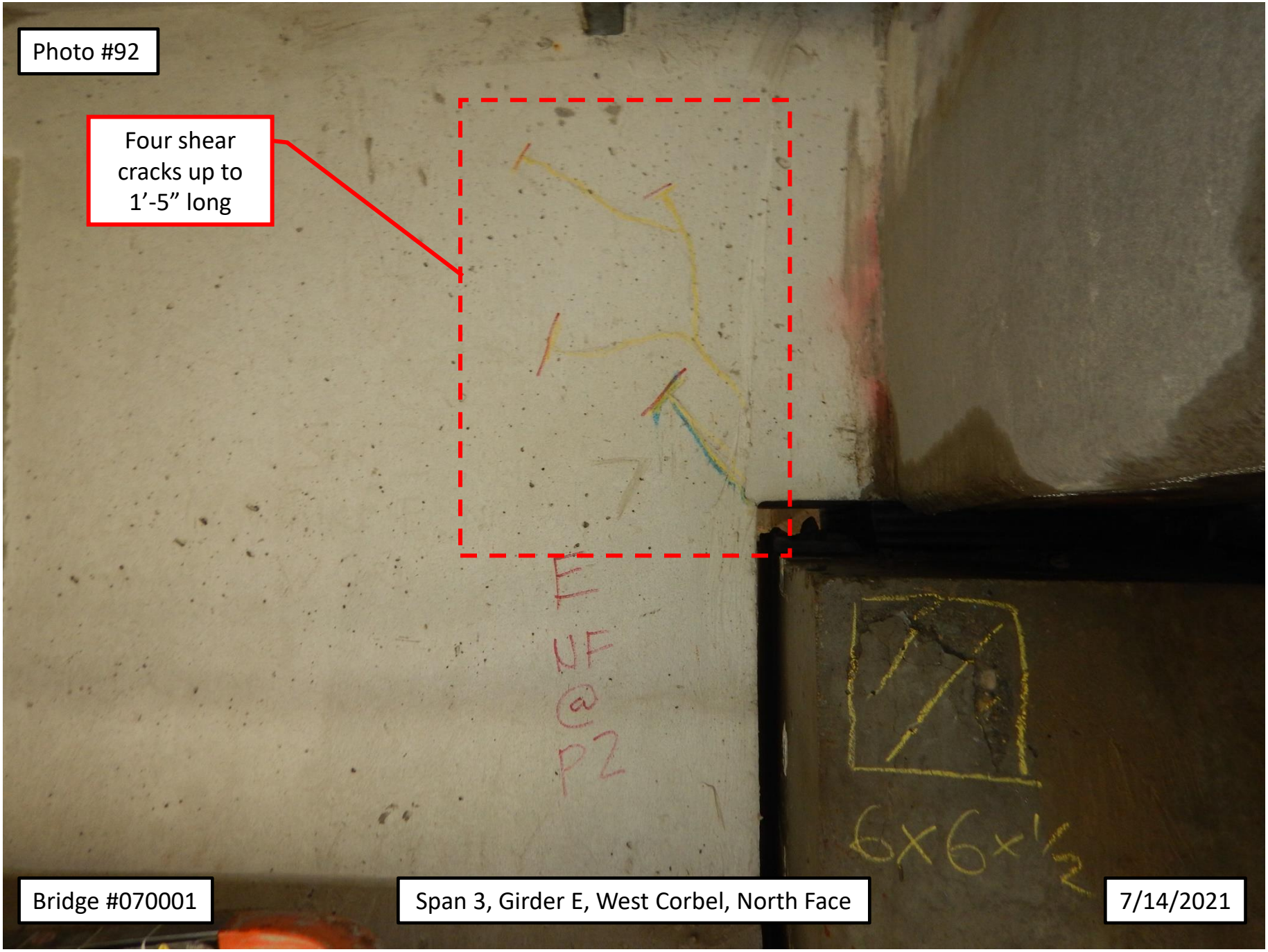

Photo #92
Four shear cracks up to 1’-5” long
E
NF
@
P2
6x6x1/2
Bridge #070001
Span 3, Girder E, West Corbel, North Face
7/14/2021


Photo #93
1’-3” long shear crack
Bridge #070001
Span 5, Girder D, East Corbel, South Face
7/6/2021


Photo #94
6” long shear crack
8” long shear crack
5” long shear crack
Bridge #070001
Span 8, Girder B, East Corbel, South Face
7/8/2021

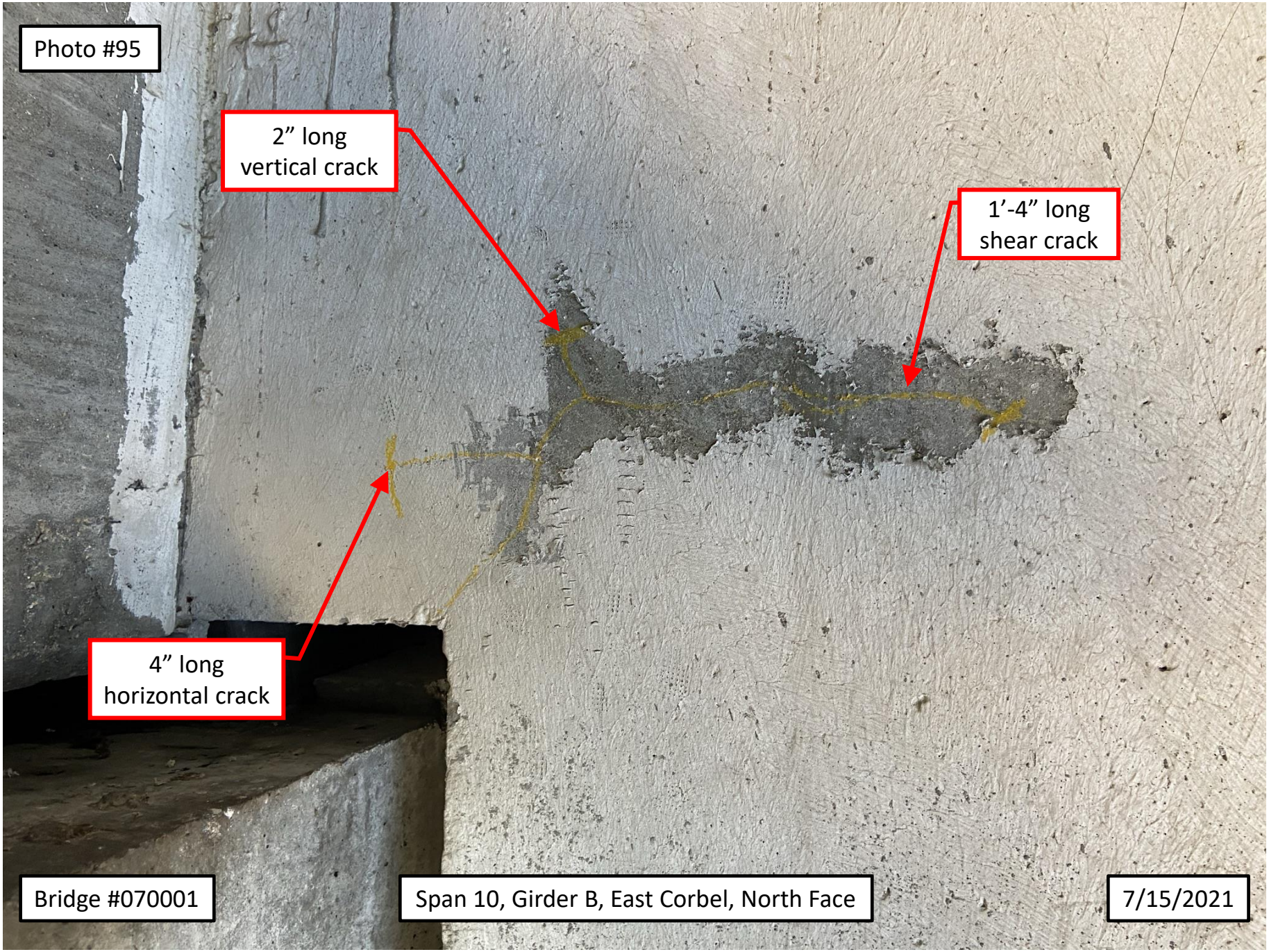
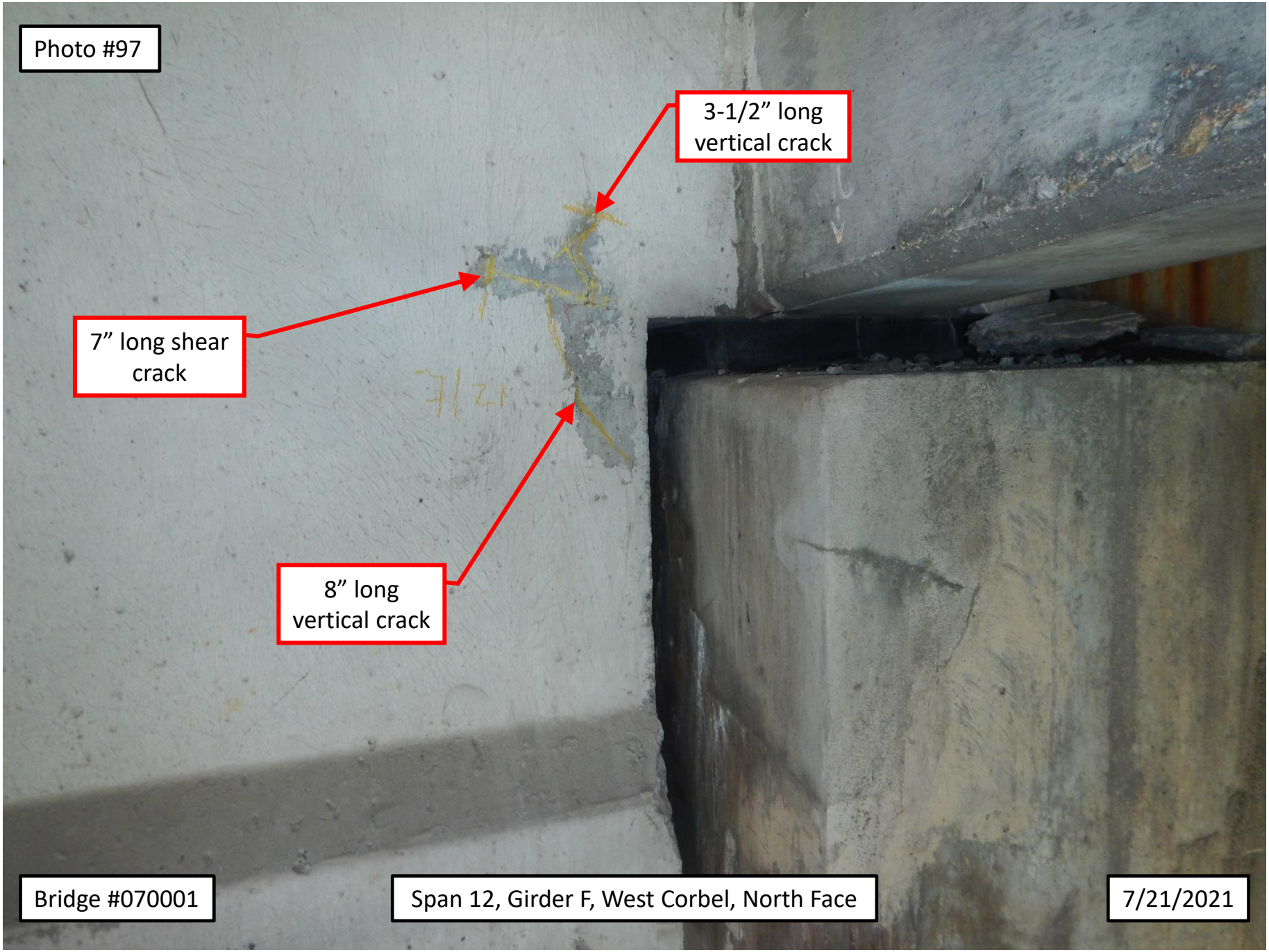
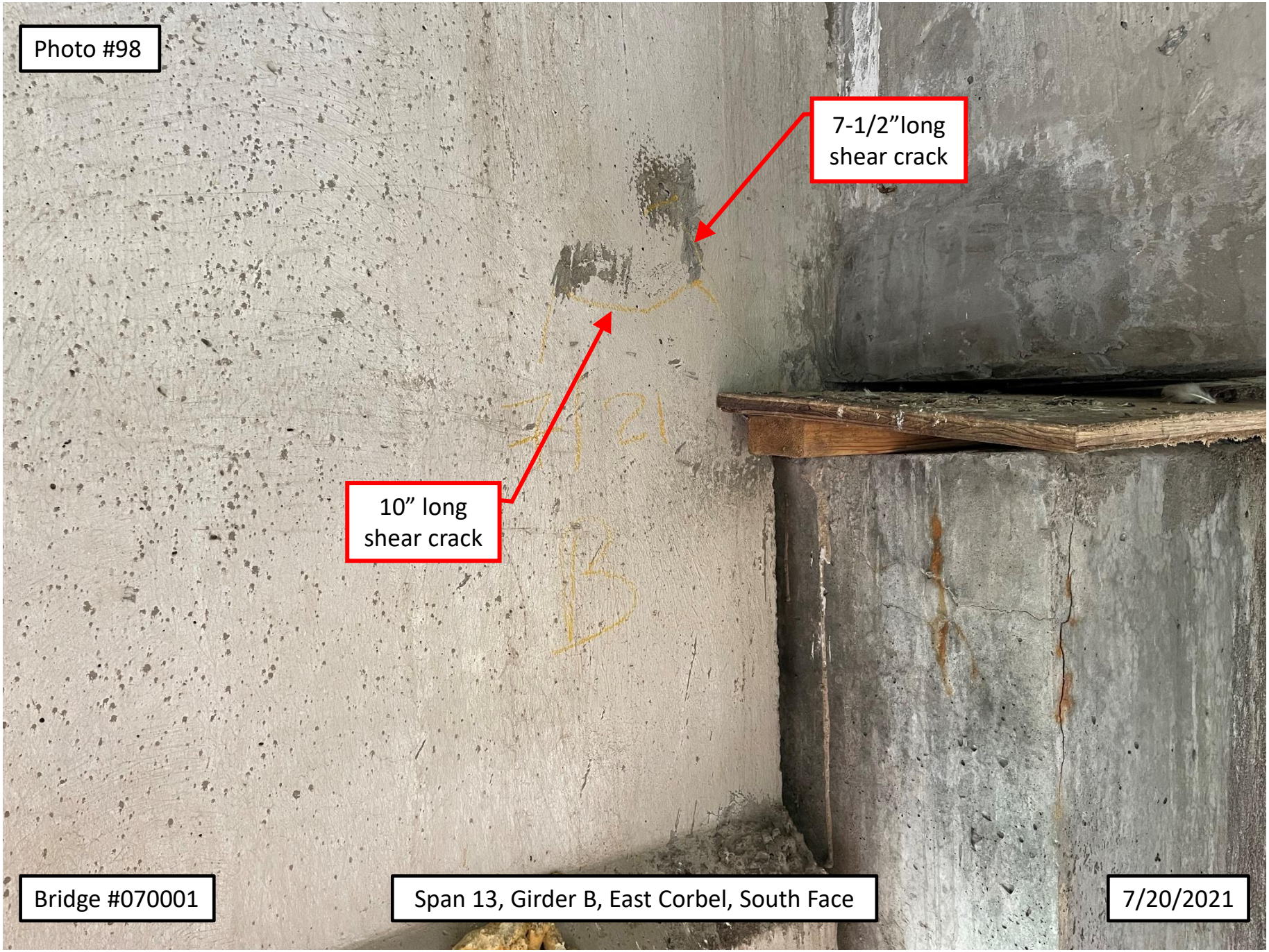
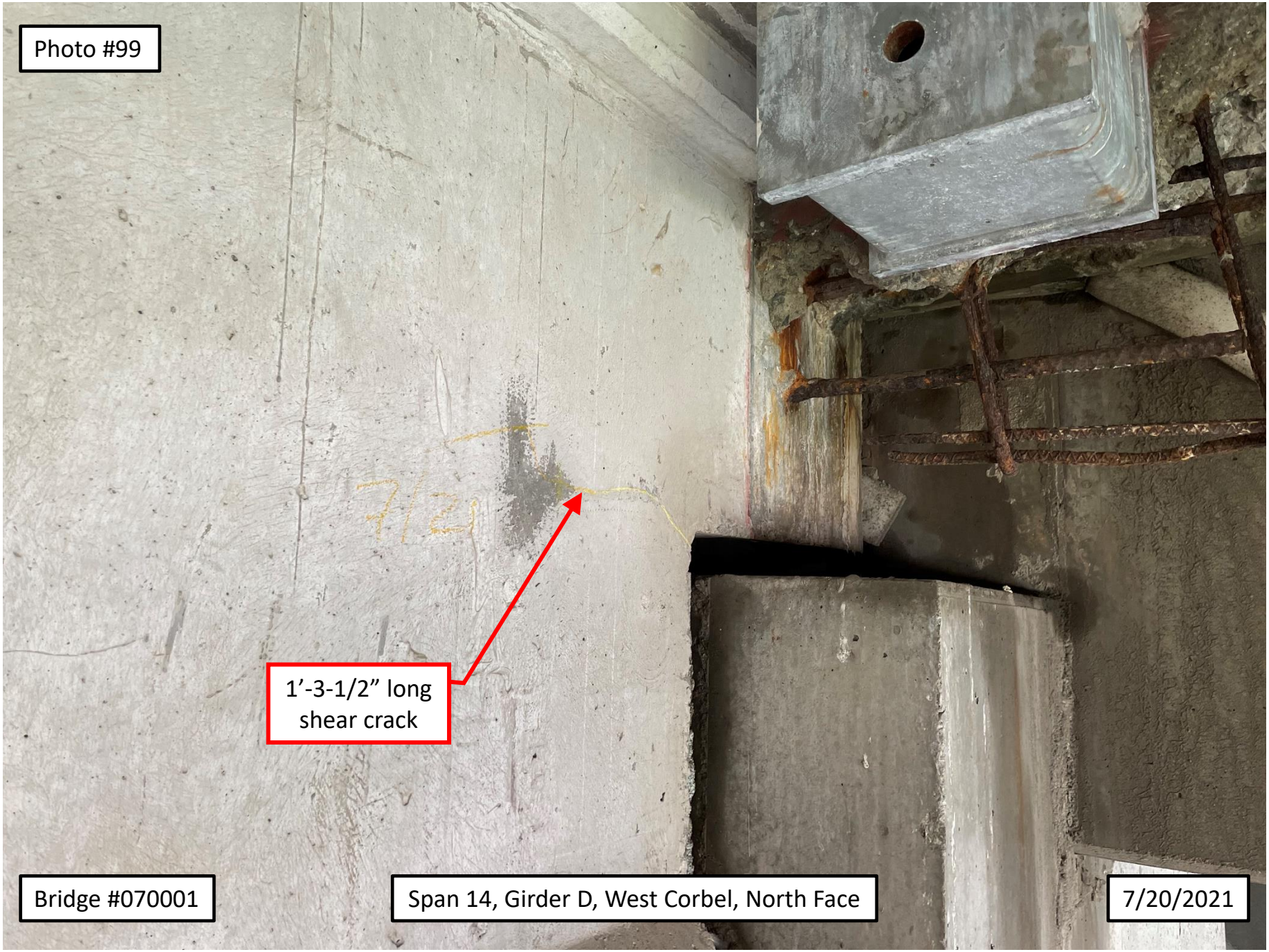

Photo #95
2” long vertical crack
1’-4” long shear crack
4” long horizontal crack
Bridge #070001
Span 10, Girder B, East Corbel, North Face
7/15/2021


Photo #96
6” long shear crack in repaired area
Bridge #070001
Span 11, Girder D, West Corbel, North Face
7/22/2021


Photo #97
3-1/2” long vertical crack
7” long shear crack
8” long vertical crack
Bridge #070001
Span 12, Girder F, West Corbel, North Face
7/21/2021


Photo #98
7-1/2”long shear crack
10” long shear crack
Bridge #070001
Span 13, Girder B, East Corbel, South Face
7/20/2021


Photo #99
1’-3-1/2” long shear crack
Bridge #070001
Span 14, Girder D, West Corbel, North Face
7/20/2021

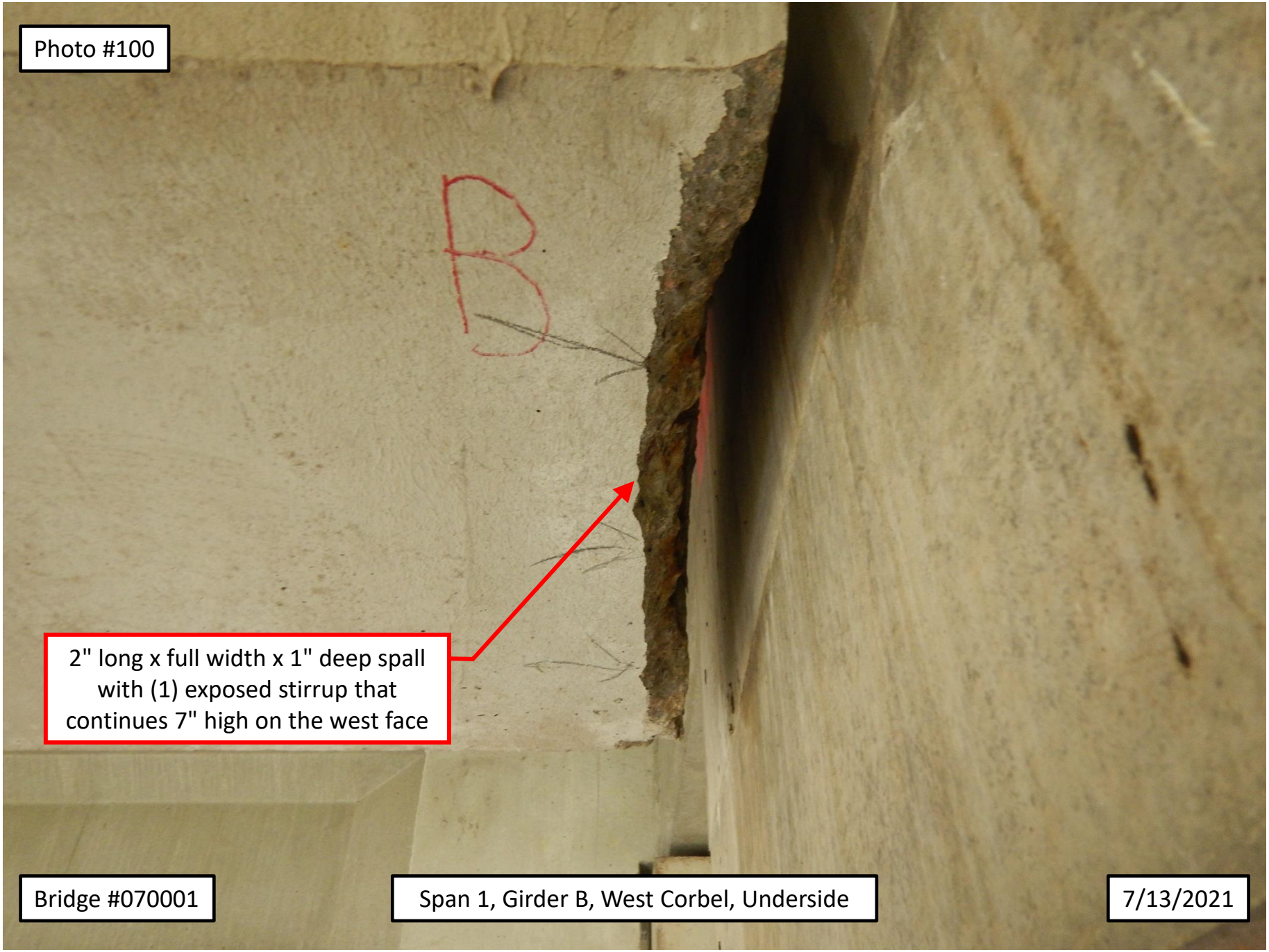
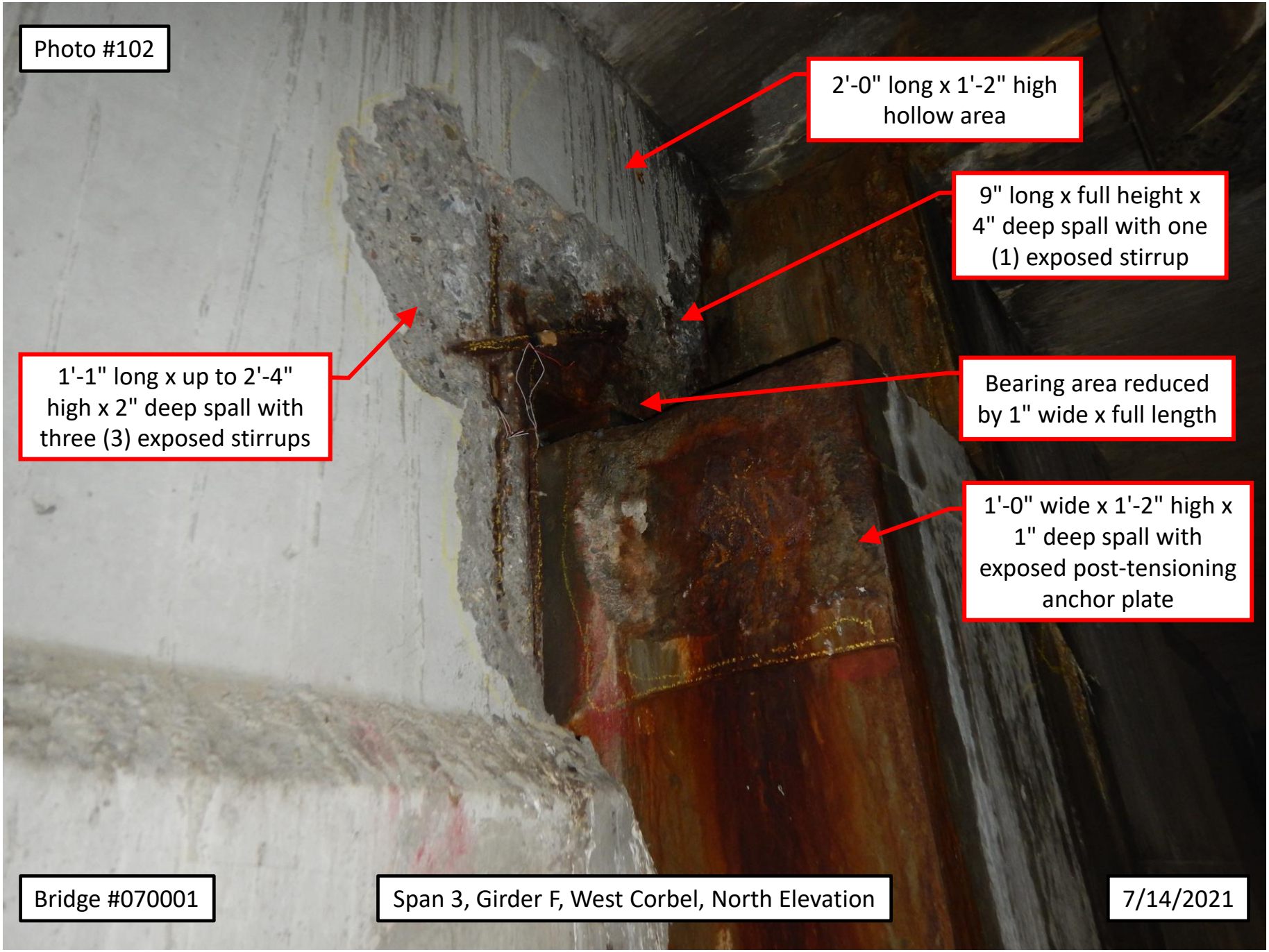
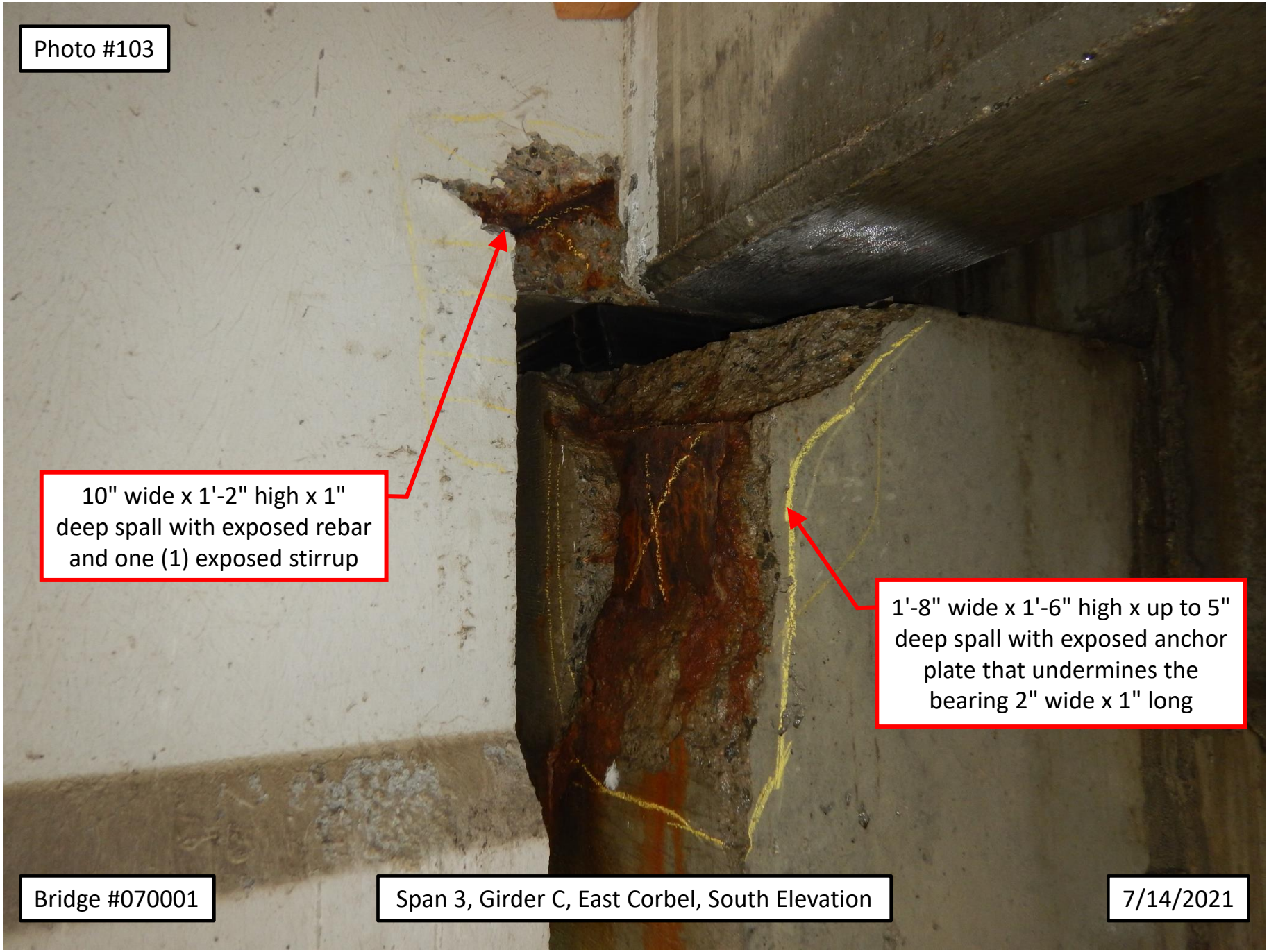
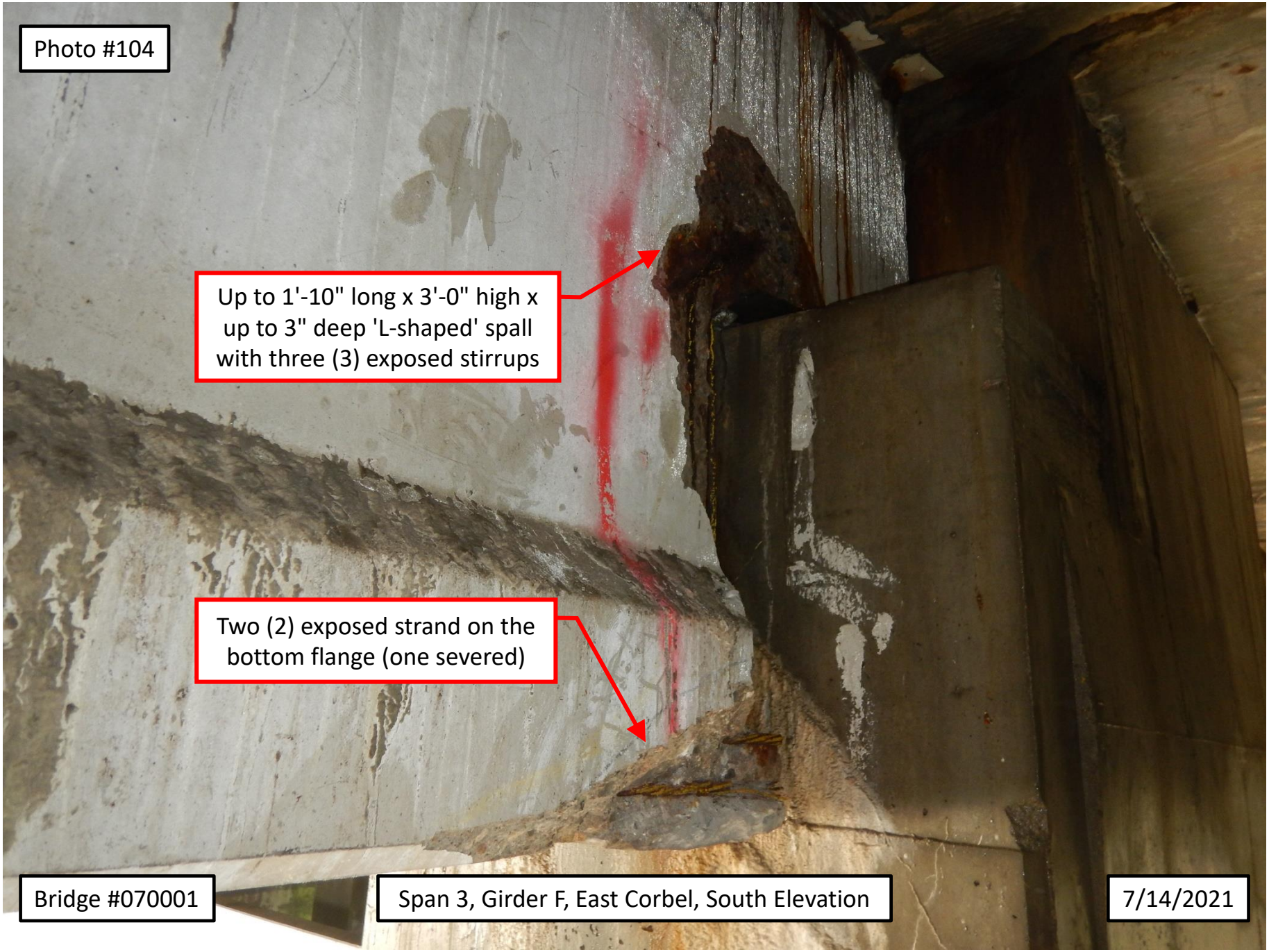
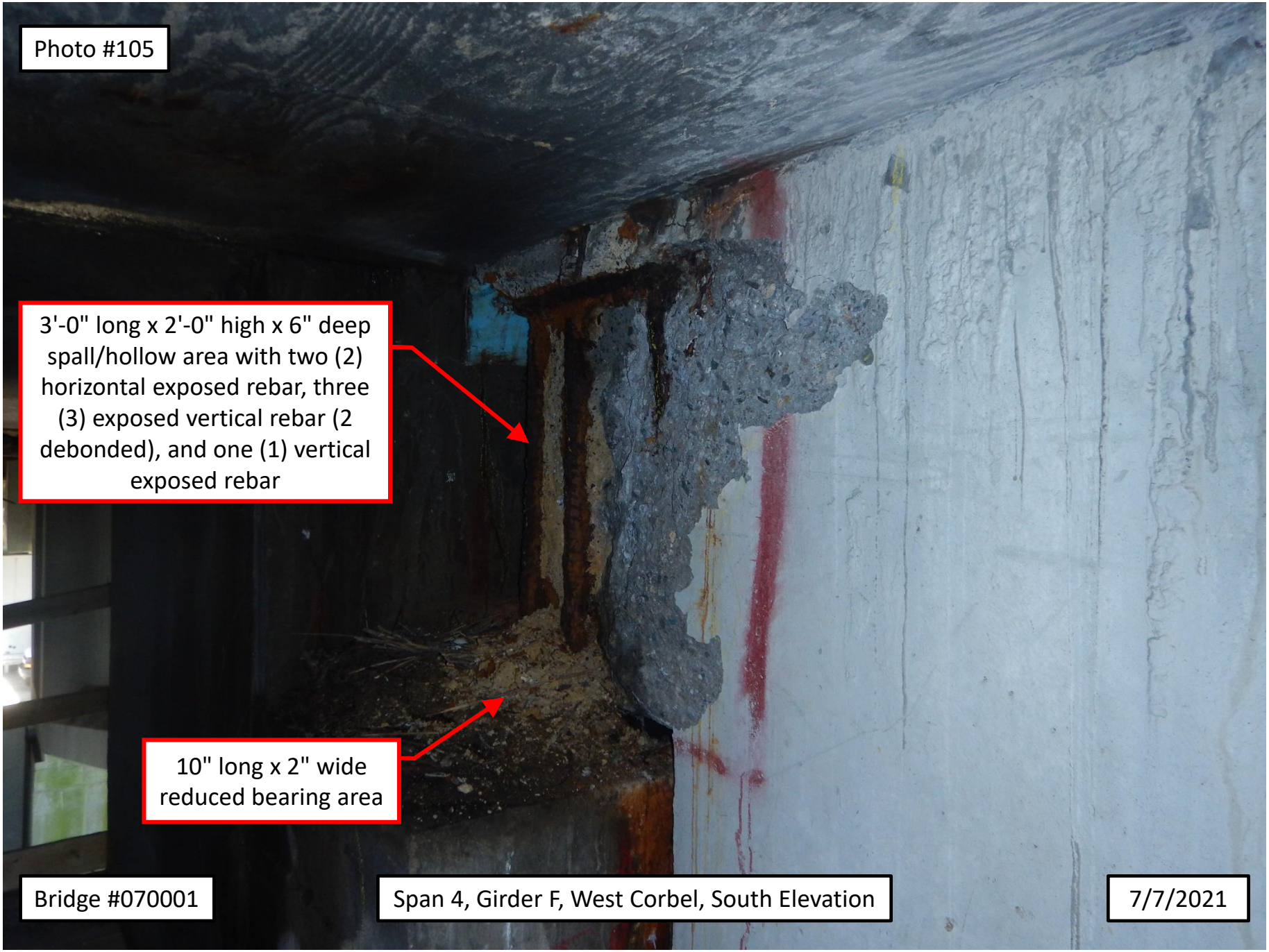

Photo #100
B
2" long x full width x 1" deep spall with (1) exposed stirrup that continues 7" high on the west face
Bridge #070001
Span 1, Girder B, West Corbel, Underside
7/13/2021

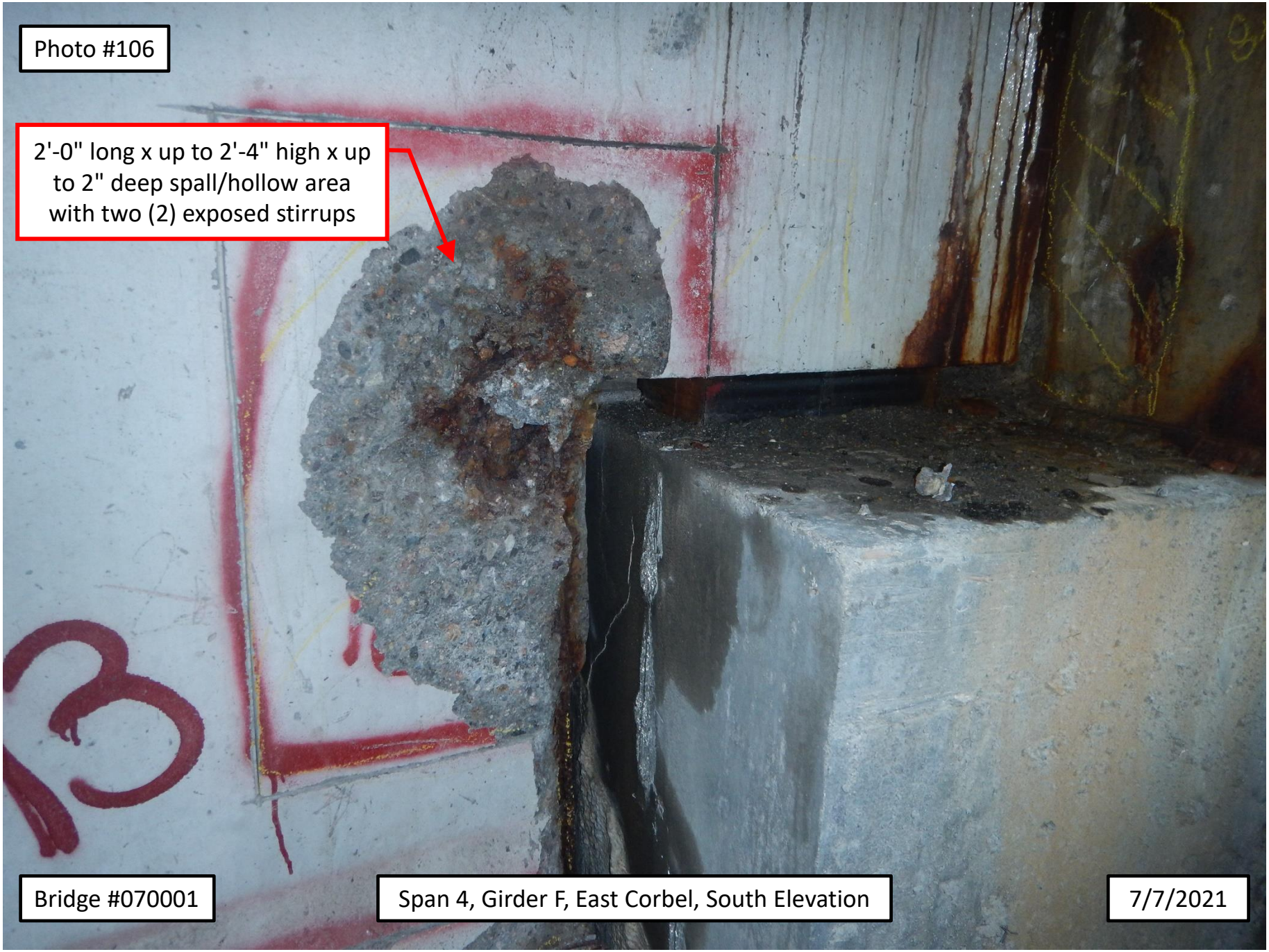

Photo #101
3" wide x 5" high x 1/2" deep spall
1'-4" wide x 1'-0" high x 1" deep spall with exposed post-tensioning anchor plate at the south end
Bridge #070001
Span 2, Girder F, West Corbel, East Elevation
7/14/2021

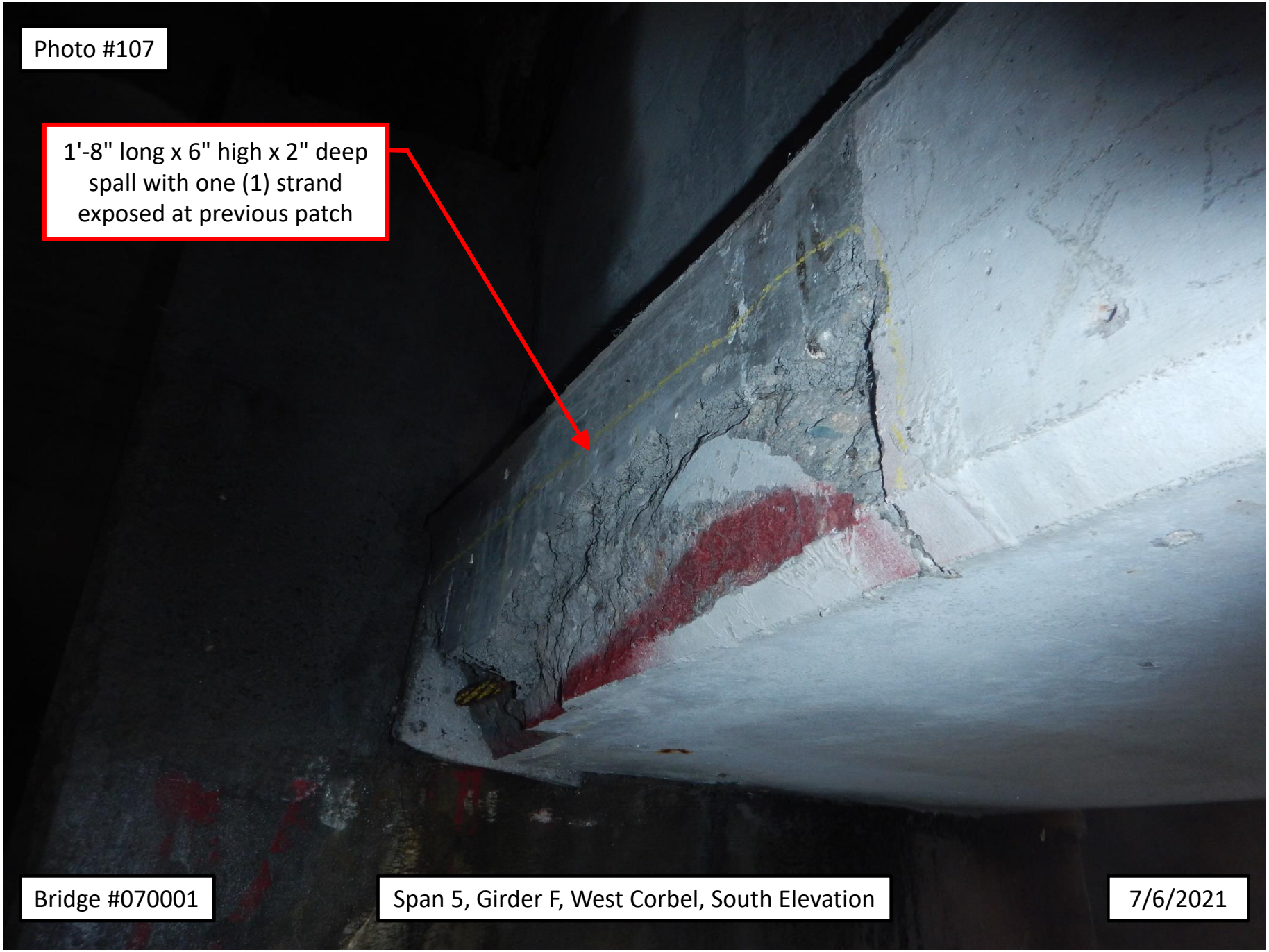

Photo #102
2'-0" long x 1'-2" high hollow area
9" long x full height x 4" deep spall with one (1) exposed stirrup
1'-1" long x up to 2'-4" high x 2" deep spall with three (3) exposed stirrups
Bearing area reduced by 1" wide x full length
1'-0" wide x 1'-2" high x 1" deep spall with exposed post-tensioning anchor plate
Bridge #070001
Span 3, Girder F, West Corbel, North Elevation
7/14/2021

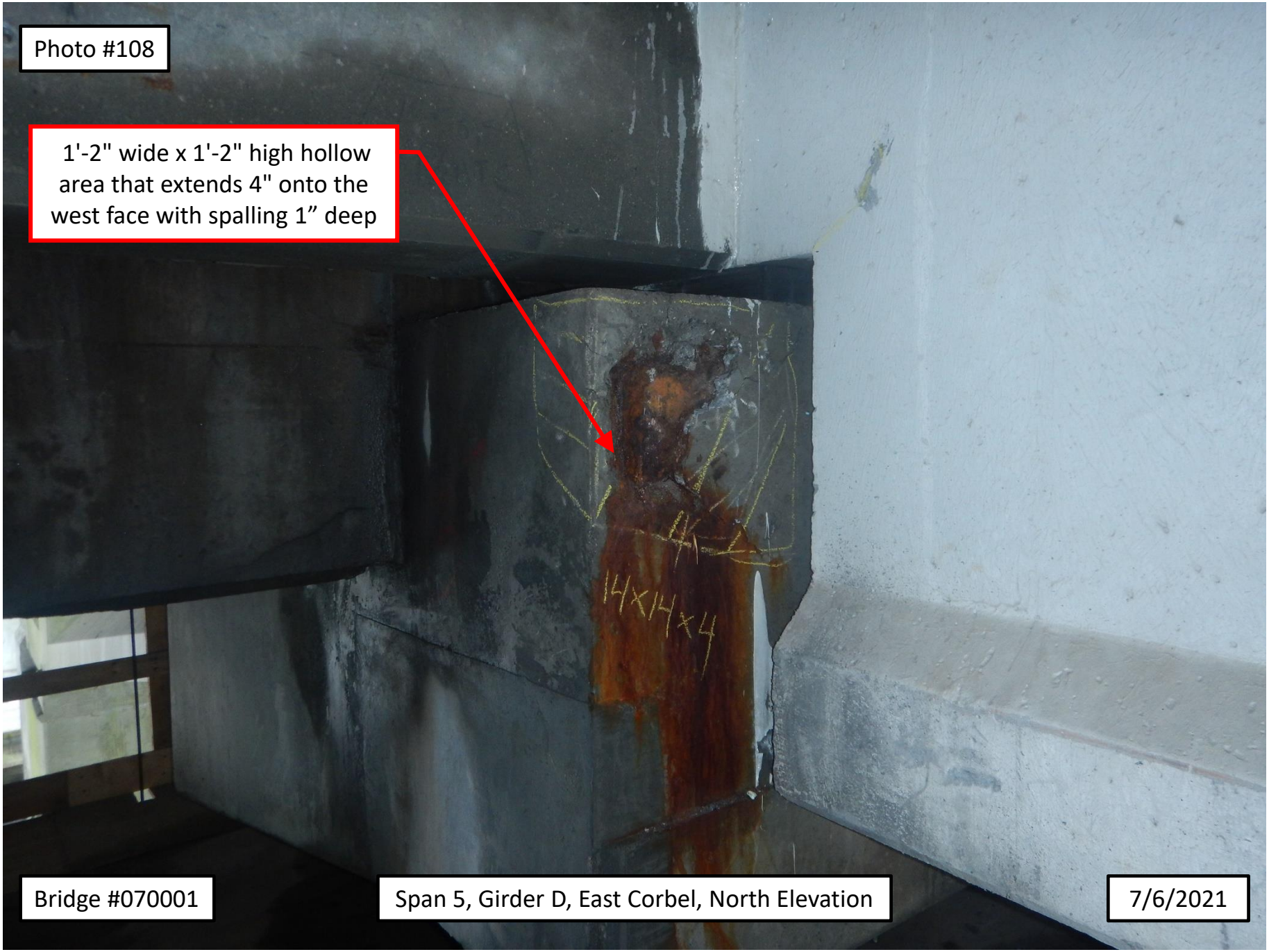

Photo #103
10" wide x 1'-2" high x 1" deep spall with exposed rebar and one (1) exposed stirrup
1'-8" wide x 1'-6" high x up to 5" deep spall with exposed anchor plate that undermines the bearing 2" wide x 1" long
Bridge #070001
Span 3, Girder C, East Corbel, South Elevation
7/14/2021

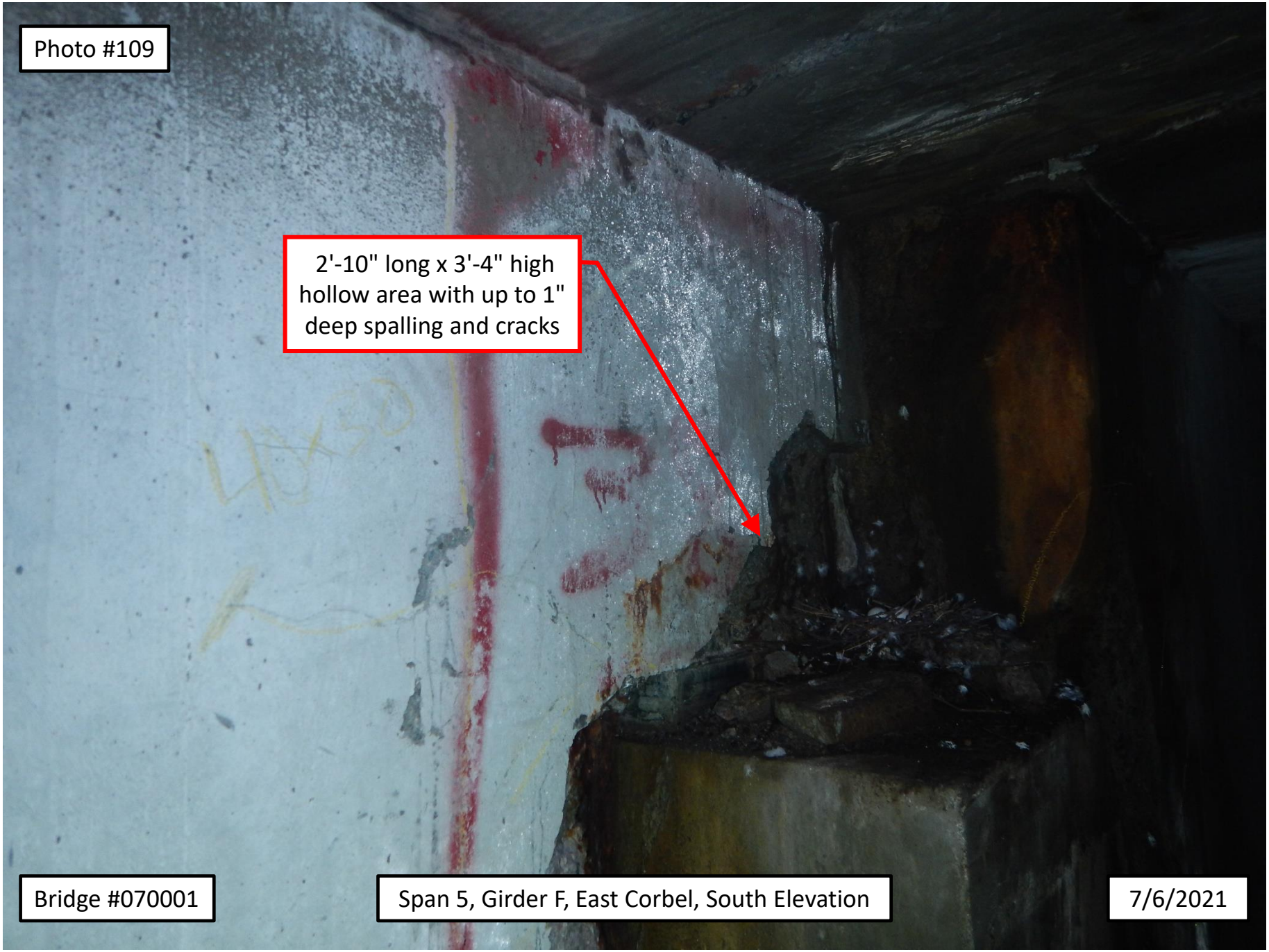

Photo #104
Up to 1'-10" long x 3'-0" high x up to 3" deep 'L-shaped' spall with three (3) exposed stirrups
Two (2) exposed strand on the bottom flange (one severed)
Bridge #070001
Span 3, Girder F, East Corbel, South Elevation
7/14/2021

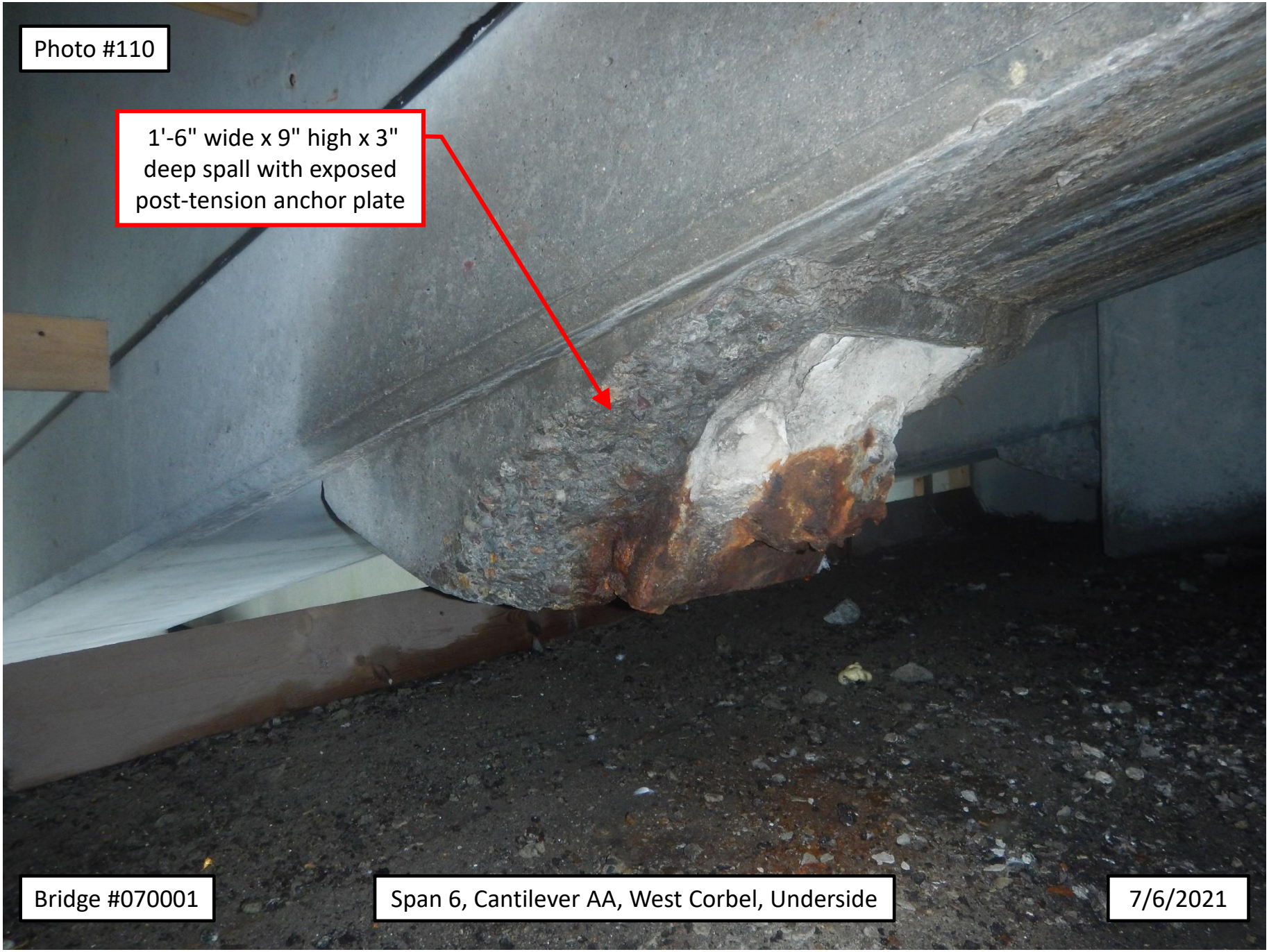

Photo #105
3'-0" long x 2'-0" high x 6" deep spall/hollow area with two (2) horizontal exposed rebar, three (3) exposed vertical rebar (2 debonded), and one (1) vertical exposed rebar
10" long x 2" wide reduced bearing area
Bridge #070001
Span 4, Girder F, West Corbel, South Elevation
7/7/2021

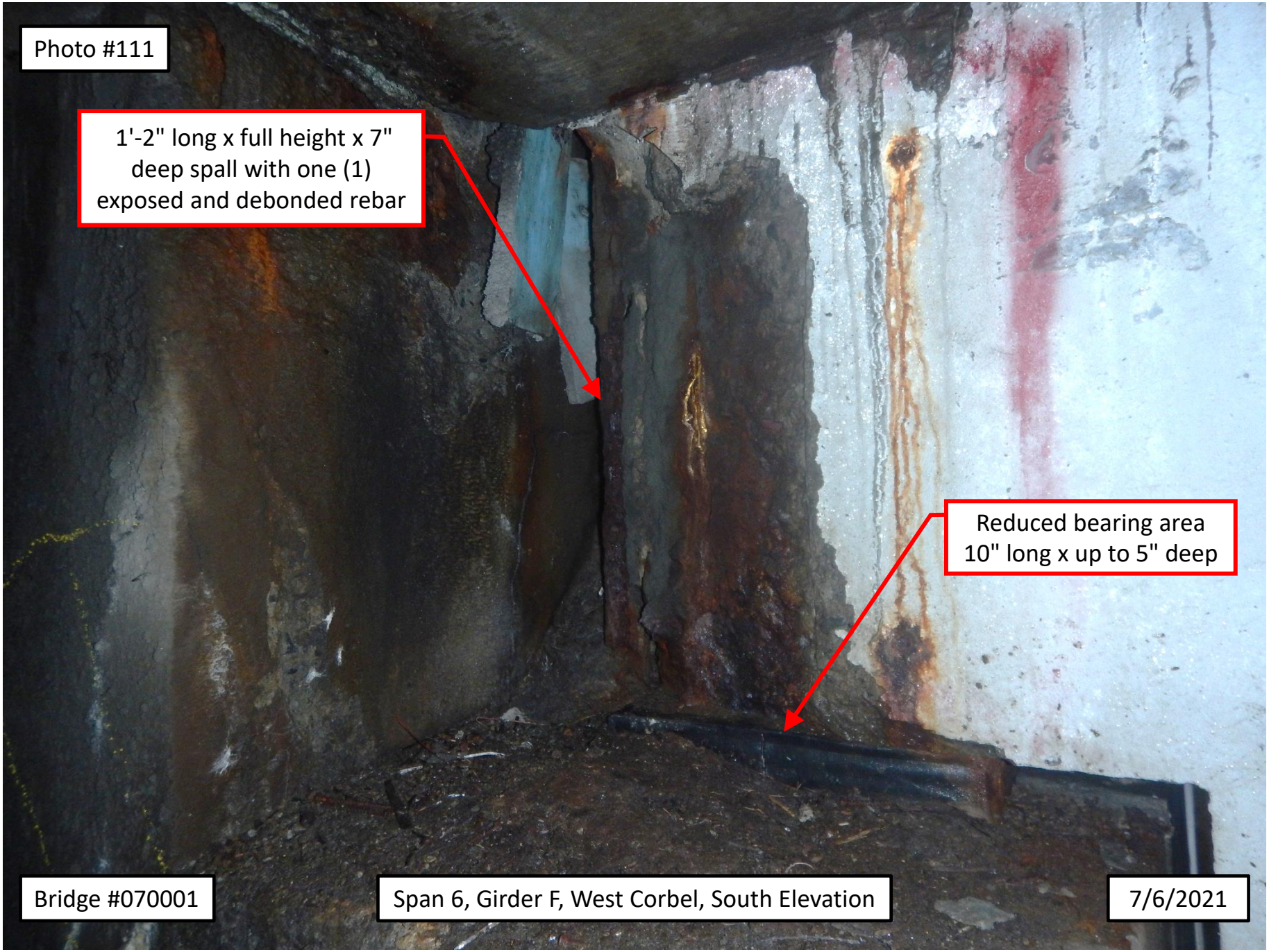

Photo #106
2'-0" long x up to 2'-4" high x up to 2" deep spall/hollow area with two (2) exposed stirrups
Bridge #070001
Span 4, Girder F, East Corbel, South Elevation
7/7/2021

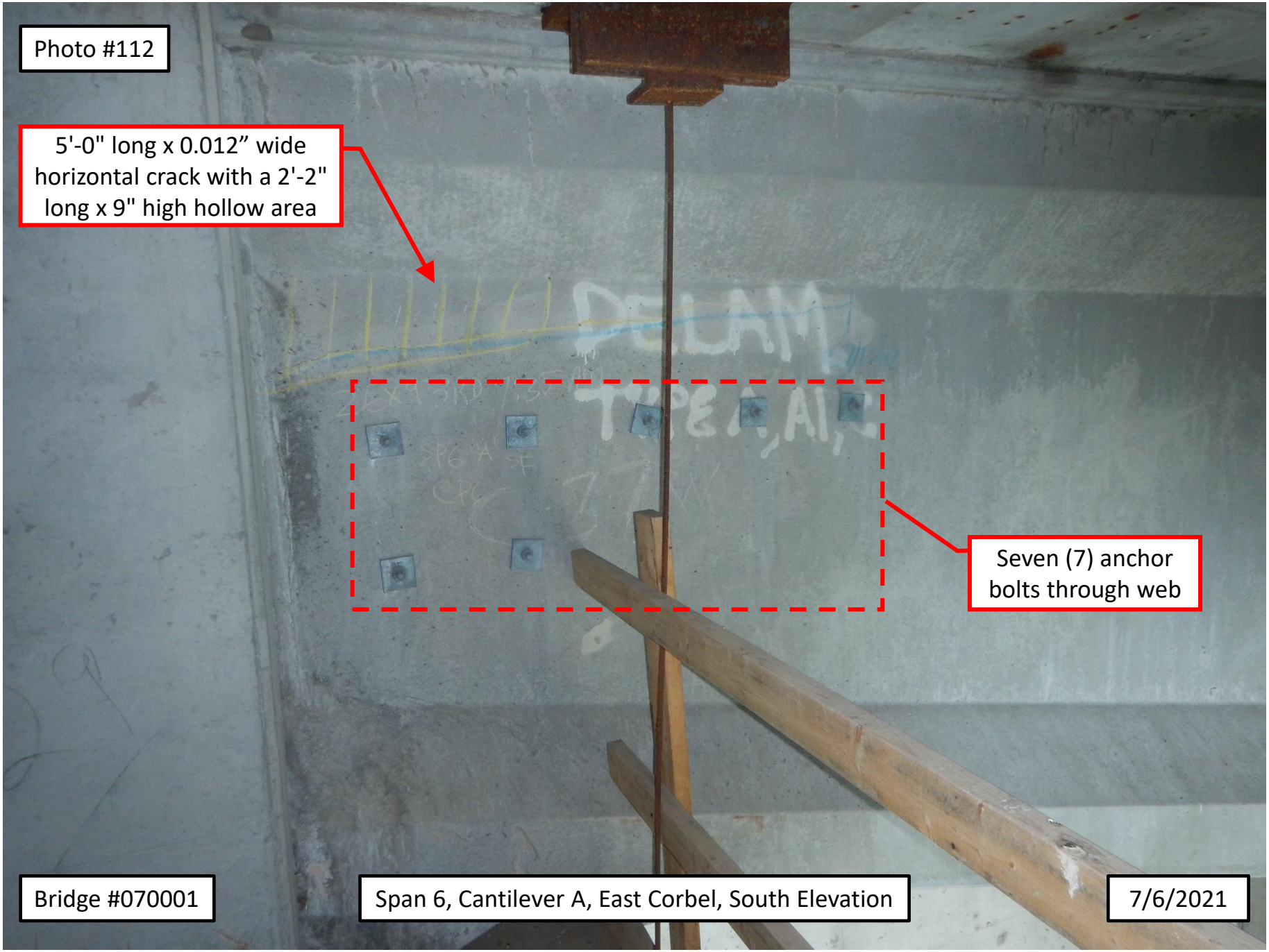

Photo #107
1'-8" long x 6" high x 2" deep spall with one (1) strand exposed at previous patch
Bridge #070001
Span 5, Girder F, West Corbel, South Elevation
7/6/2021

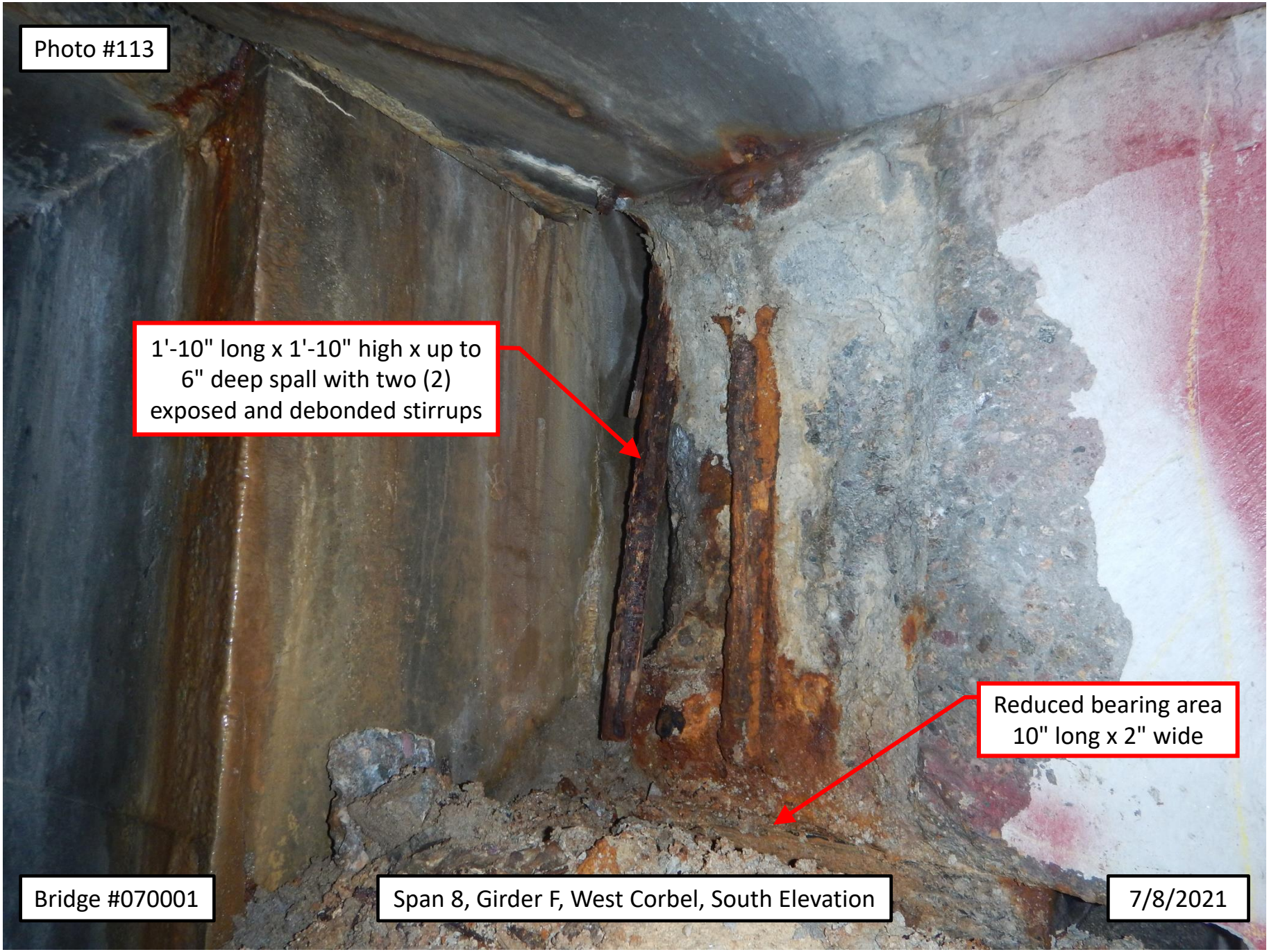

Photo #108
1'-2" wide x 1'-2" high hollow area that extends 4" onto the west face with spalling 1” deep
14x14x4
Bridge #070001
Span 5, Girder D, East Corbel, North Elevation
7/6/2021

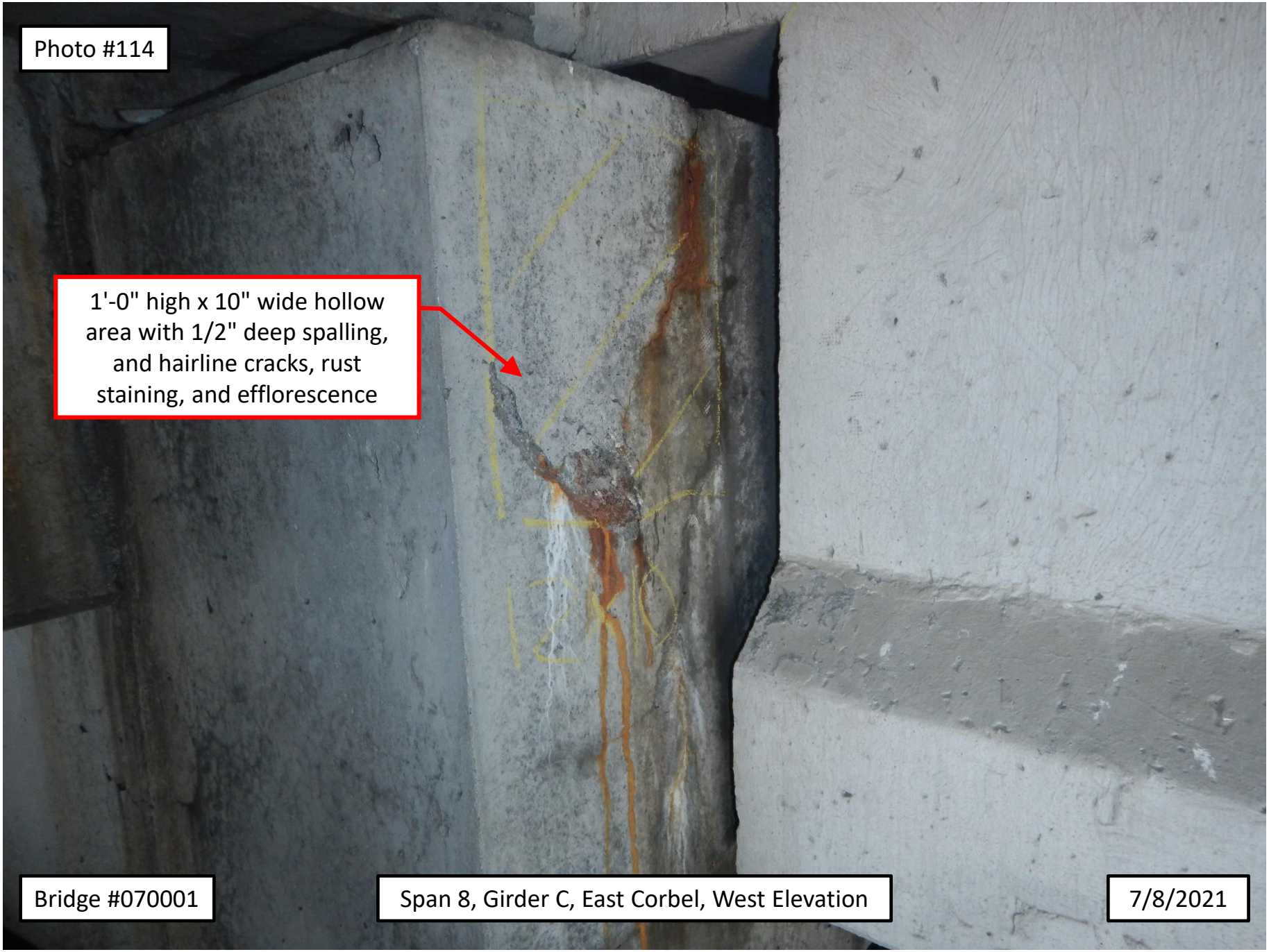

Photo #109
2'-10" long x 3'-4" high hollow area with up to 1" deep spalling and cracks
Bridge #070001
Span 5, Girder F, East Corbel, South Elevation
7/6/2021

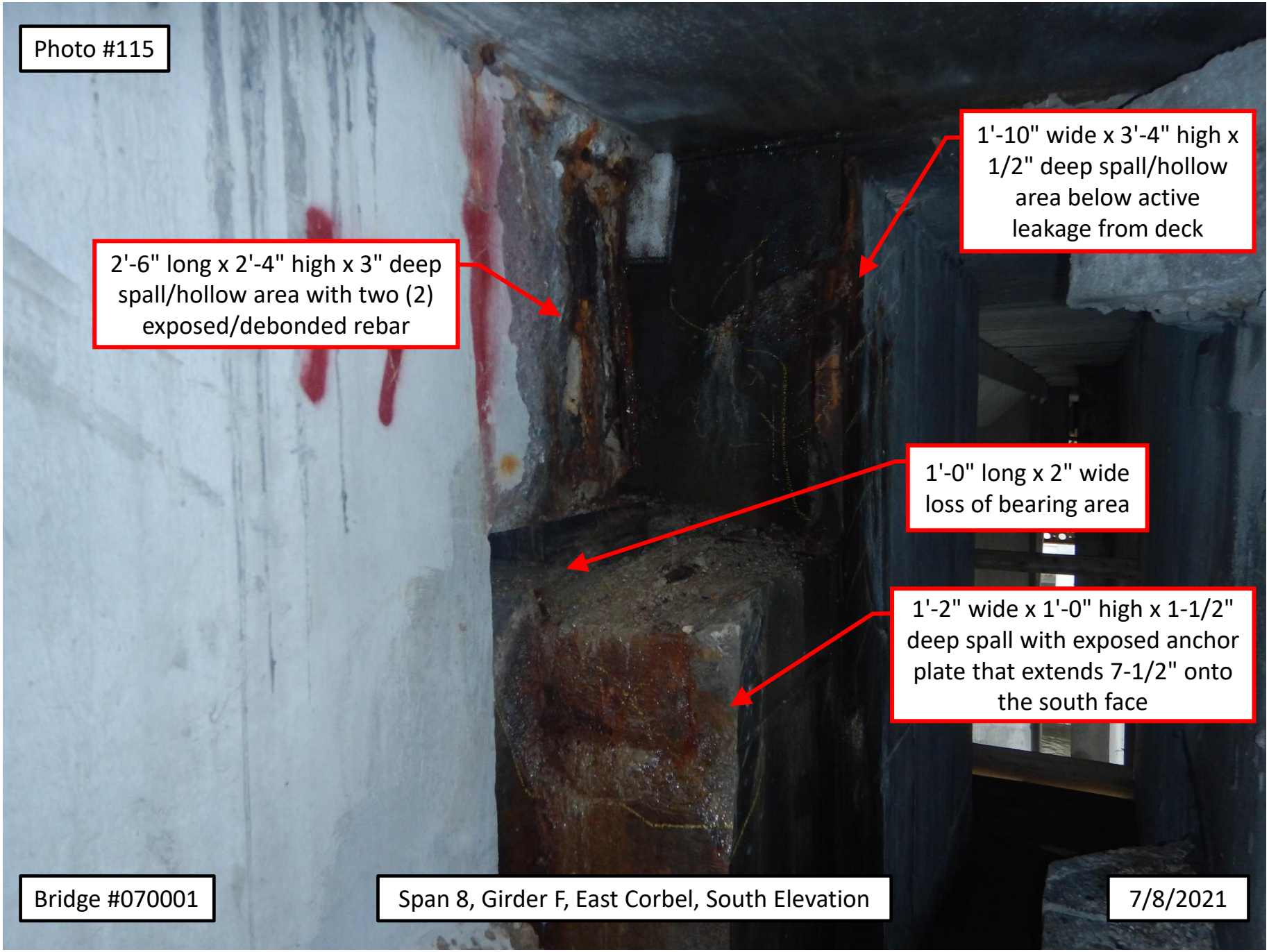

Photo #110
1'-6" wide x 9" high x 3" deep spall with exposed post-tension anchor plate
Bridge #070001
Span 6, Cantilever AA, West Corbel, Underside
7/6/2021

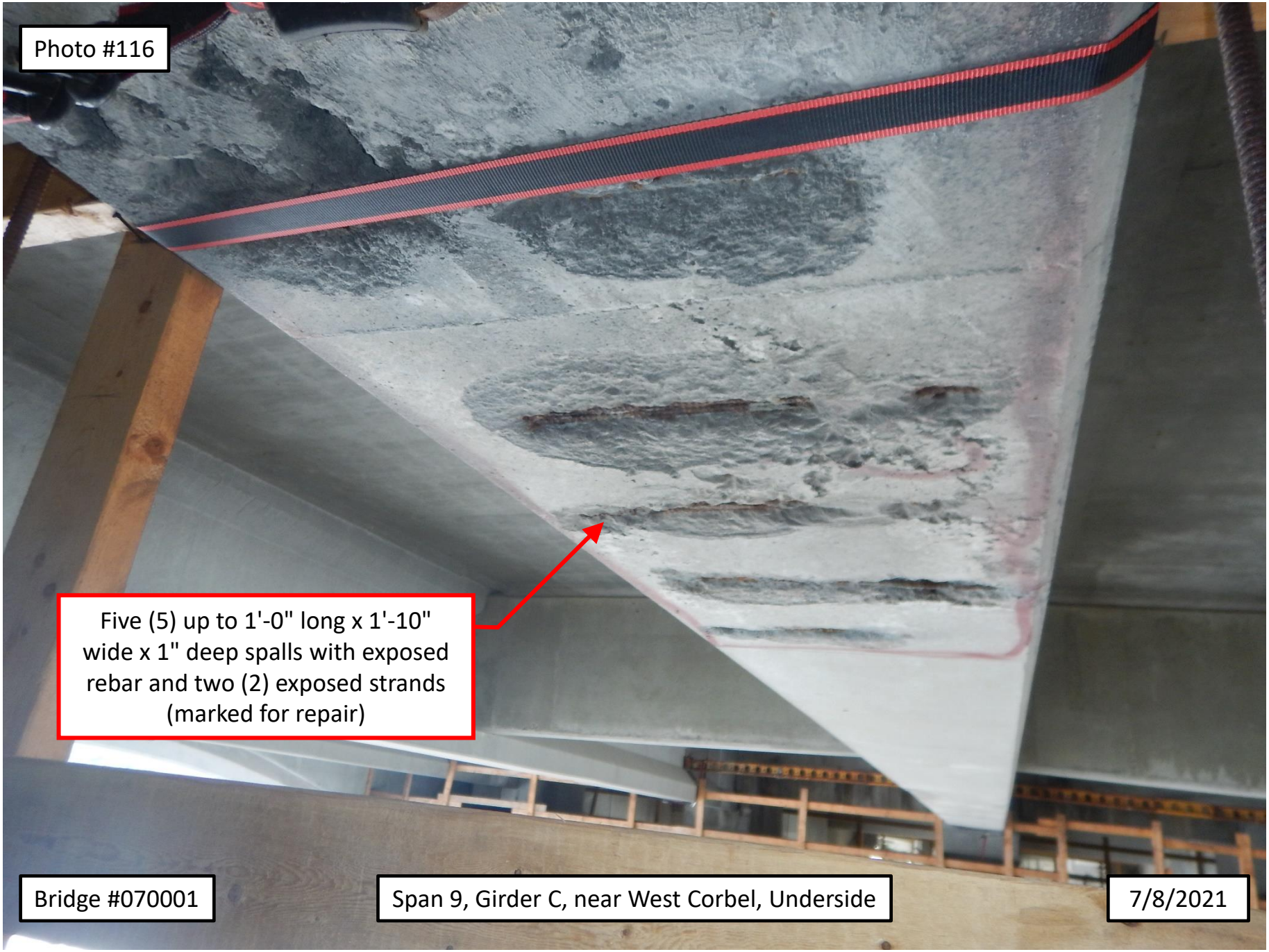

Photo #111
1'-2" long x full height x 7" deep spall with one (1) exposed and debonded rebar
Reduced bearing area 10" long x up to 5" deep
Bridge #070001
Span 6, Girder F, West Corbel, South Elevation
7/6/2021


Photo #112
5'-0" long x 0.012” wide horizontal crack with a 2'-2" long x 9" high hollow area
Seven (7) anchor bolts through web
Bridge #070001
Span 6, Cantilever A, East Corbel, South Elevation
7/6/2021


Photo #113
1'-10" long x 1'-10" high x up to 6" deep spall with two (2) exposed and debonded stirrups
Reduced bearing area 10" long x 2" wide
Bridge #070001
Span 8, Girder F, West Corbel, South Elevation
7/8/2021


Photo #114
1'-0" high x 10" wide hollow area with 1/2" deep spalling, and hairline cracks, rust staining, and efflorescence
Bridge #070001
Span 8, Girder C, East Corbel, West Elevation
7/8/2021


Photo #115
1'-10" wide x 3'-4" high x 1/2" deep spall/hollow area below active leakage from deck
2'-6" long x 2'-4" high x 3" deep spall/hollow area with two (2) exposed/debonded rebar
1'-0" long x 2" wide loss of bearing area
1'-2" wide x 1'-0" high x 1-1/2" deep spall with exposed anchor plate that extends 7-1/2" onto the south face
Bridge #070001
Span 8, Girder F, East Corbel, South Elevation
7/8/2021


Photo #116
Five (5) up to 1'-0" long x 1'-10" wide x 1" deep spalls with exposed rebar and two (2) exposed strands (marked for repair)
Bridge #070001
Span 9, Girder C, near West Corbel, Underside
7/8/2021

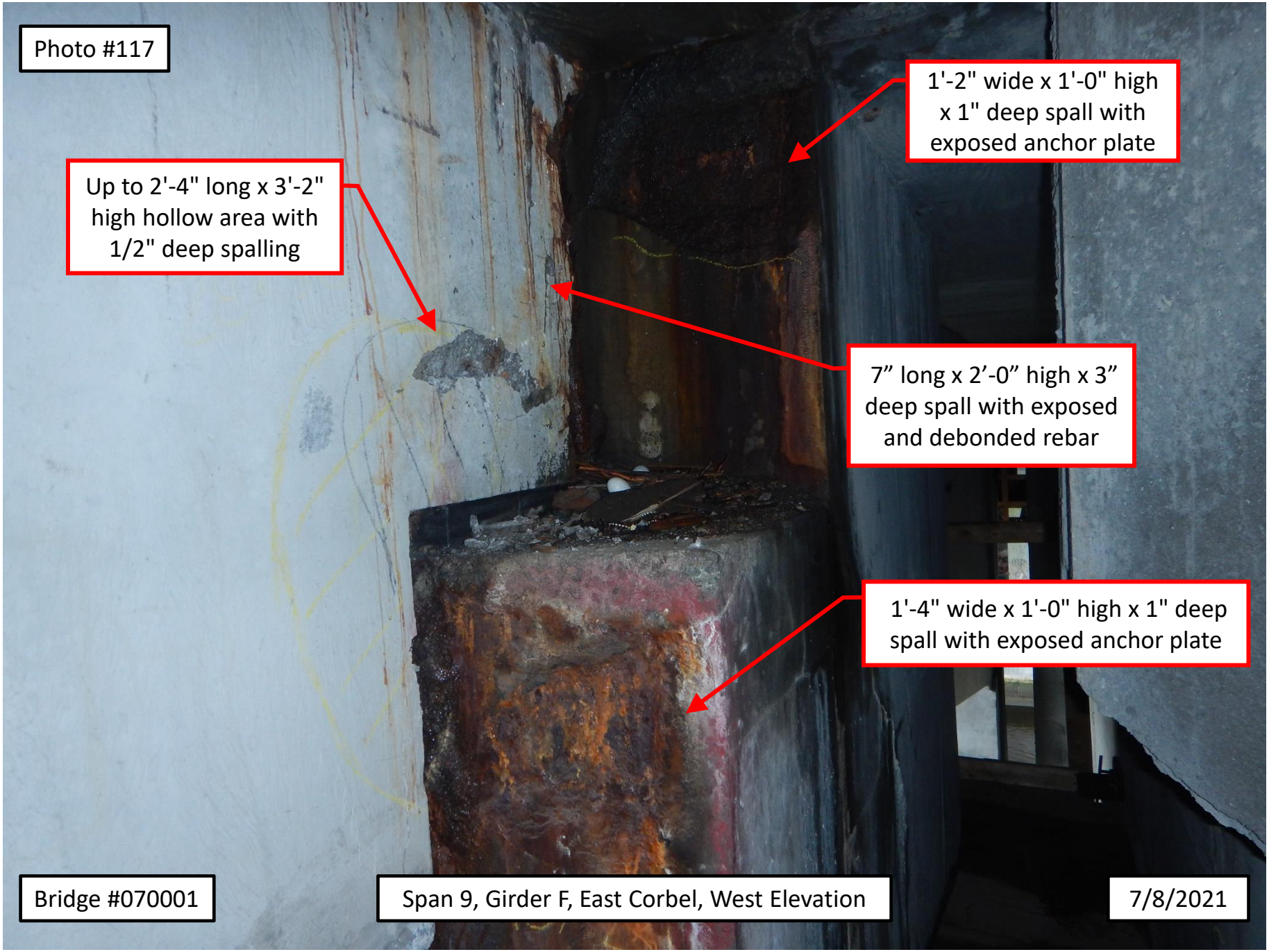
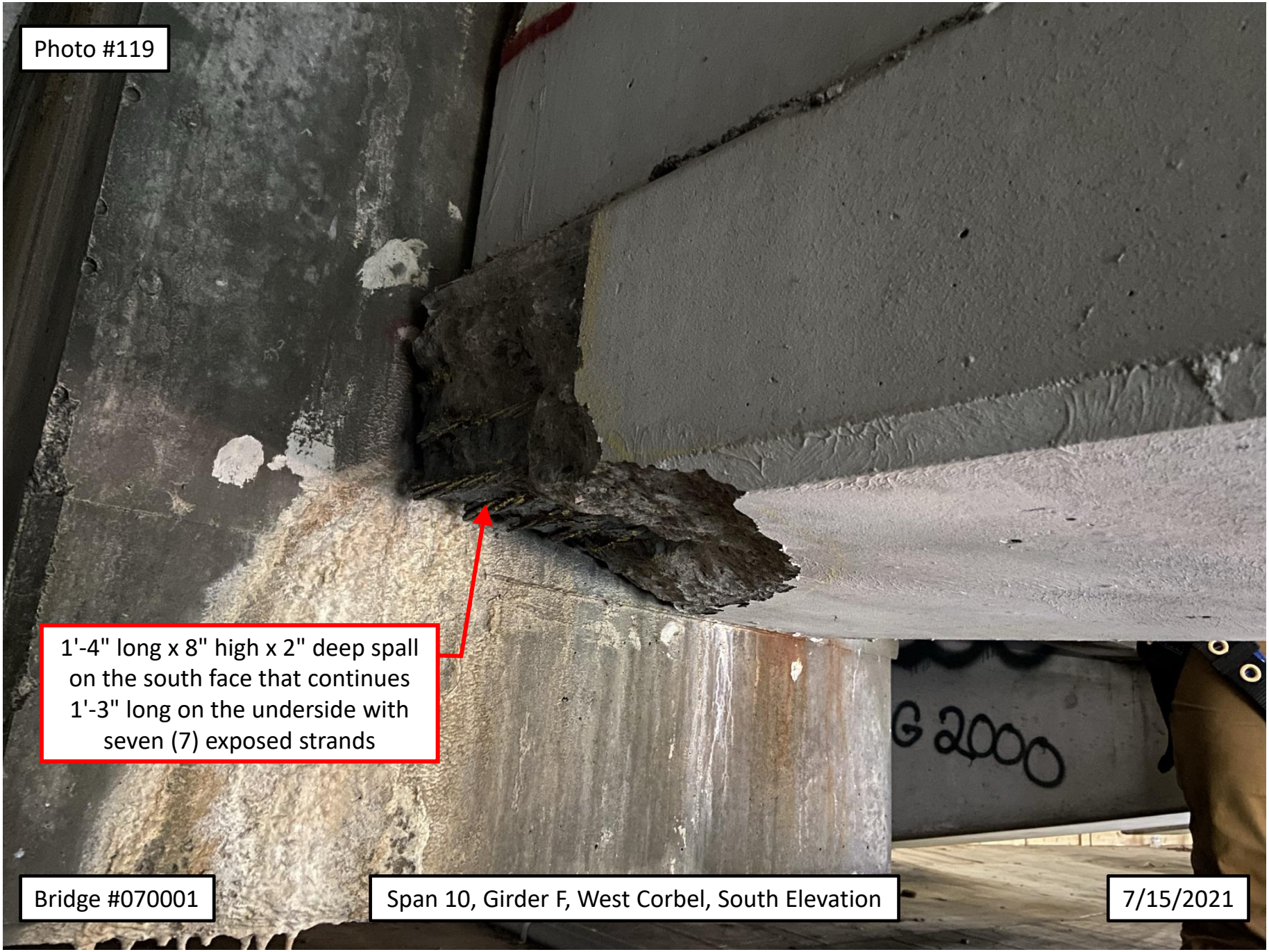
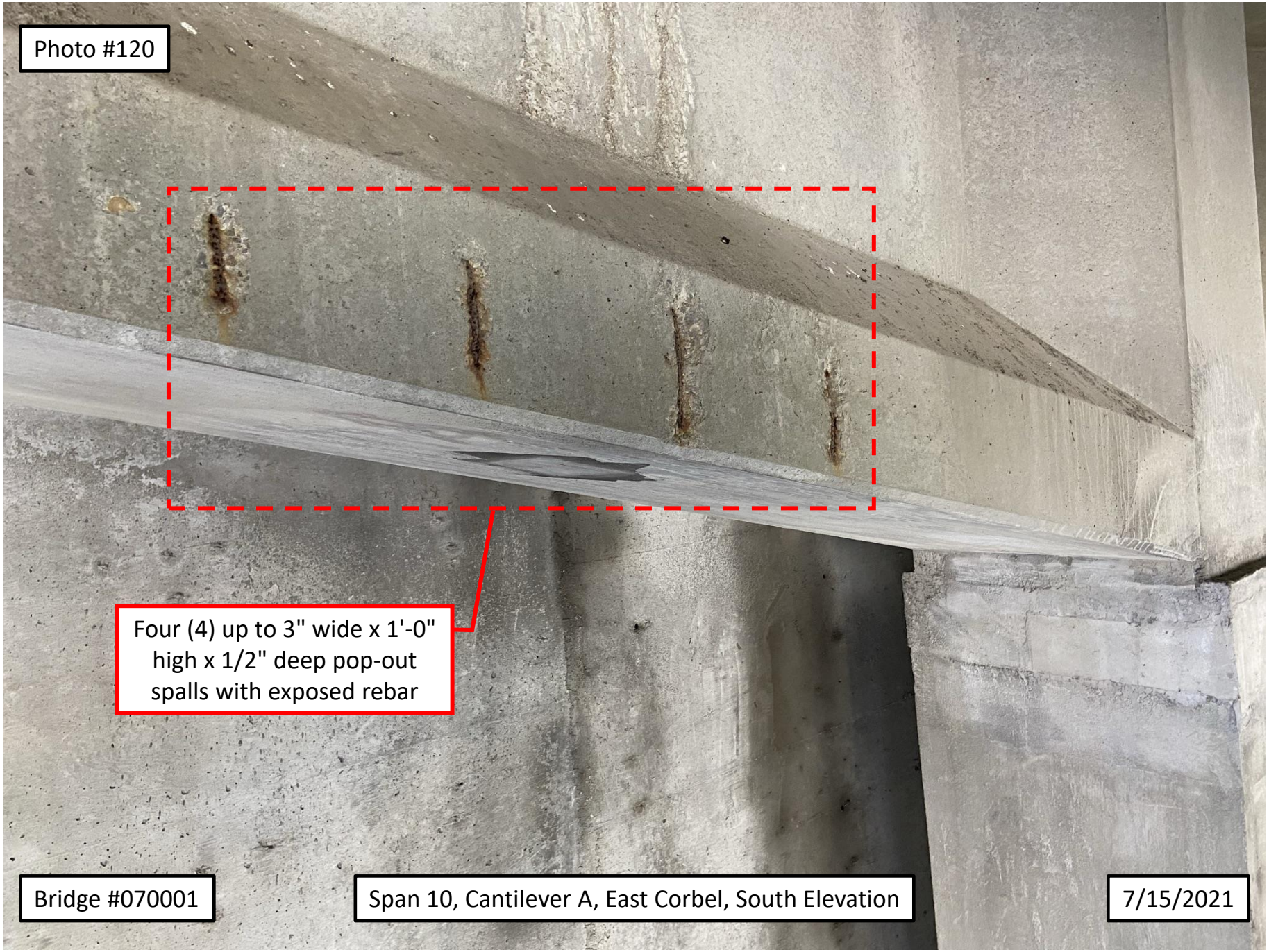
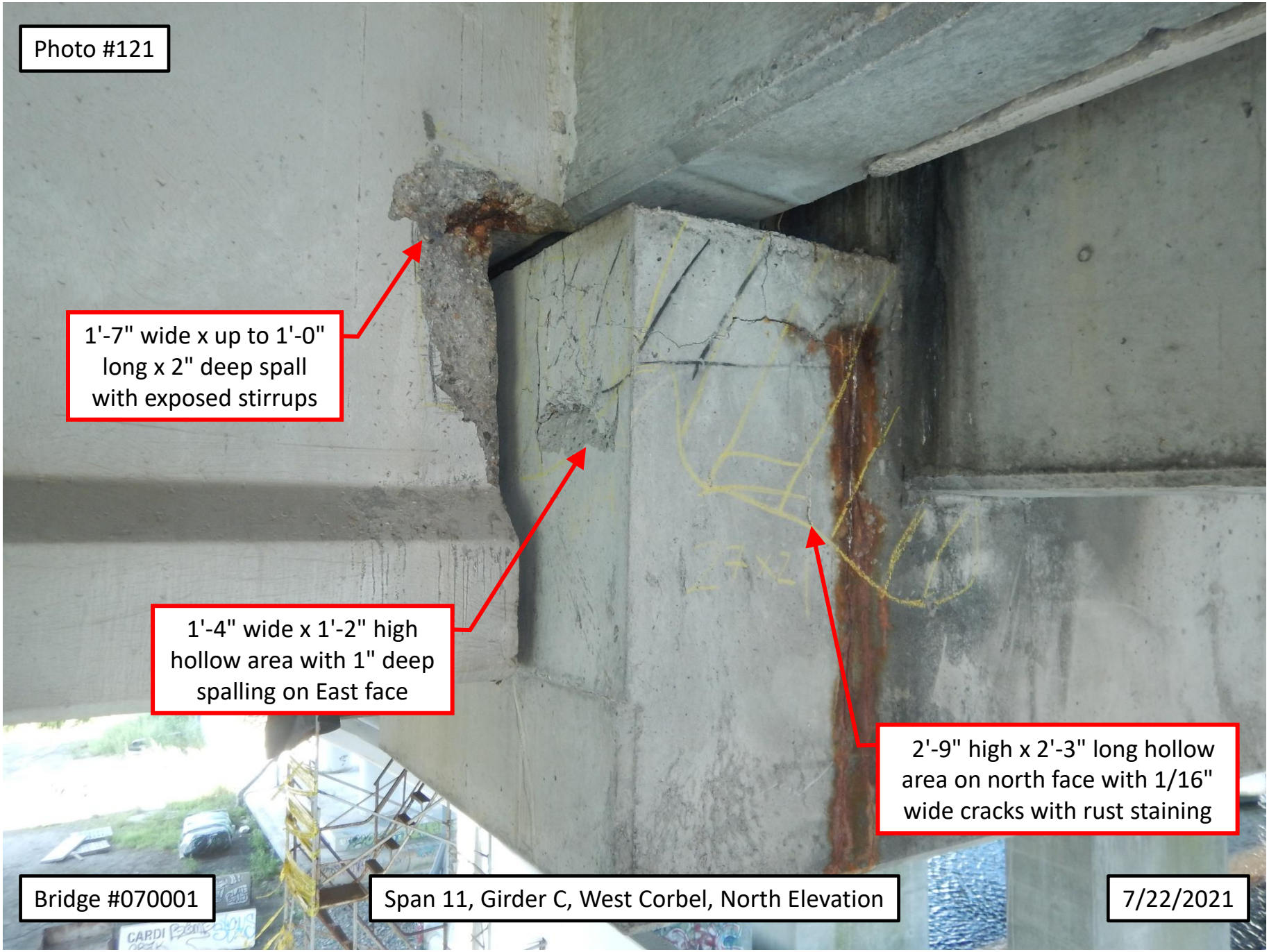

Photo #117
1'-2" wide x 1'-0" high x 1" deep spall with exposed anchor plate
Up to 2'-4" long x 3'-2" high hollow area with 1/2" deep spalling
7” long x 2’-0” high x 3” deep spall with exposed and debonded rebar
1'-4" wide x 1'-0" high x 1" deep spall with exposed anchor plate
Bridge #070001
Span 9, Girder F, East Corbel, West Elevation
7/8/2021


Photo #118
1'-0" wide x 5" long x 2" deep spall with exposed rebar
Bridge #070001
Span 10, Cantilever B, West Corbel, Underside
7/15/2021


Photo #119
1'-4" long x 8" high x 2" deep spall on the south face that continues 1'-3" long on the underside with seven (7) exposed strands
Bridge #070001
Span 10, Girder F, West Corbel, South Elevation
7/15/2021


Photo #120
Four (4) up to 3" wide x 1'-0" high x 1/2" deep pop-out spalls with exposed rebar
Bridge #070001
Span 10, Cantilever A, East Corbel, South Elevation
7/15/2021


Photo #121
1'-7" wide x up to 1'-0" long x 2" deep spall with exposed stirrups
1'-4" wide x 1'-2" high hollow area with 1" deep spalling on East face
2'-9" high x 2'-3" long hollow area on north face with 1/16" wide cracks with rust staining
Bridge #070001
Span 11, Girder C, West Corbel, North Elevation
7/22/2021

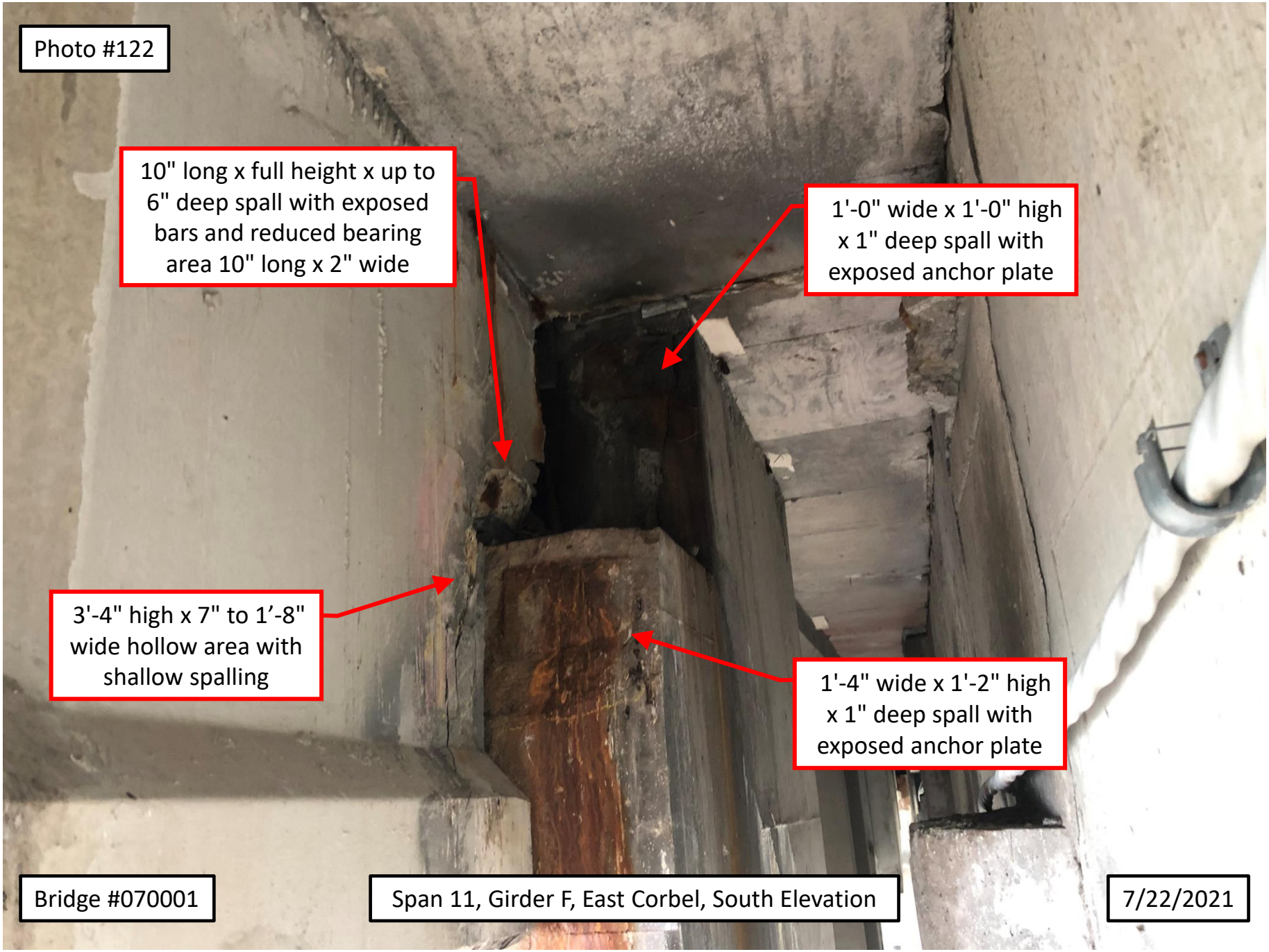
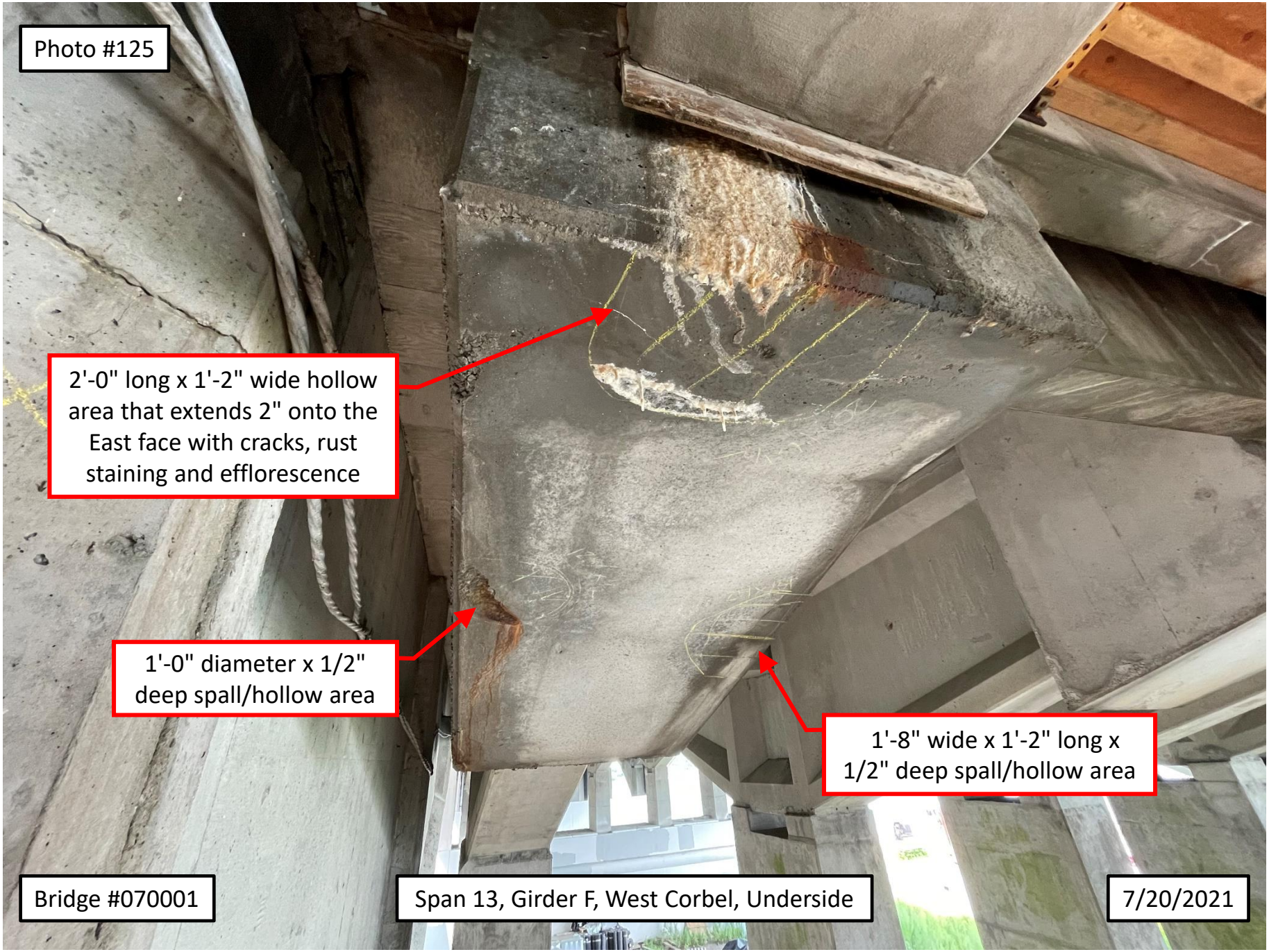
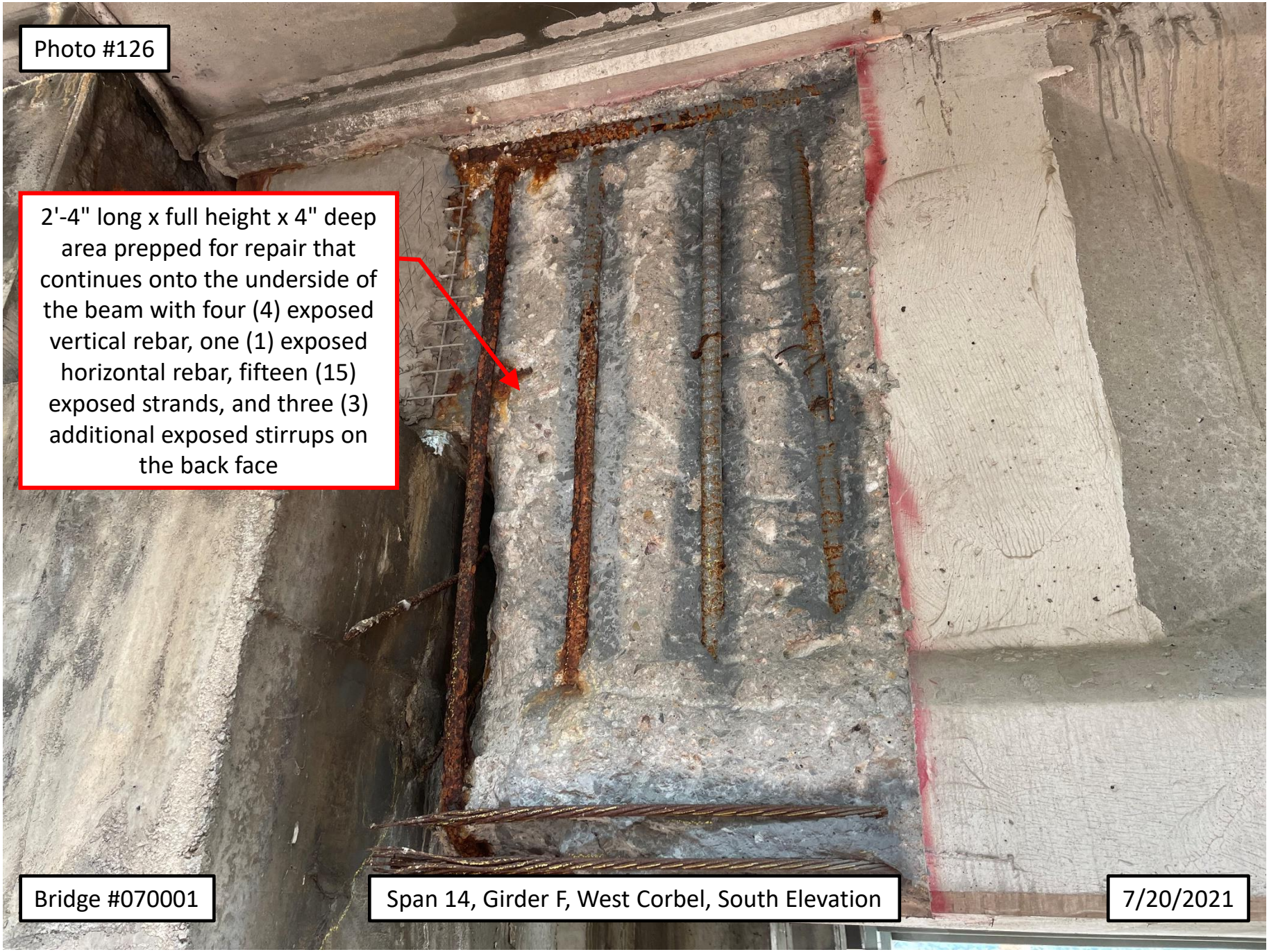

Photo #122
10" long x full height x up to 6" deep spall with exposed bars and reduced bearing area 10" long x 2" wide
1'-0" wide x 1'-0" high x 1" deep spall with exposed anchor plate
3'-4" high x 7" to 1'-8" wide hollow area with shallow spalling
1'-4" wide x 1'-2" high x 1" deep spall with exposed anchor plate
Bridge #070001
Span 11, Girder F, East Corbel, South Elevation
7/22/2021


Photo #123
Up to 1'-4" wide x 2'-0" high x 4" deep spall with exposed rebar and an up to 1'-10" wide x 40" high hollow area
3'-6" wide x up to 2'-0" high x up to 4" deep spall with exposed post-tensioning anchor plate
Bridge #070001
Span 12, Girder F, West Corbel, South Elevation
7/22/2021


Photo #124
3'-0" long x 10" wide x 1" deep spall and honeycombing with exposed rebar
Bridge #070001
Span 12, Girder B, East Corbel, Underside
7/20/2021


Photo #125
2'-0" long x 1'-2" wide hollow area that extends 2" onto the East face with cracks, rust staining and efflorescence
1'-0" diameter x 1/2" deep spall/hollow area
1'-8" wide x 1'-2" long x 1/2" deep spall/hollow area
Bridge #070001
Span 13, Girder F, West Corbel, Underside
7/20/2021


Photo #126
2'-4" long x full height x 4" deep area prepped for repair that continues onto the underside of the beam with four (4) exposed vertical rebar, one (1) exposed horizontal rebar, fifteen (15) exposed strands, and three (3) additional exposed stirrups on the back face
Bridge #070001
Span 14, Girder F, West Corbel, South Elevation
7/20/2021

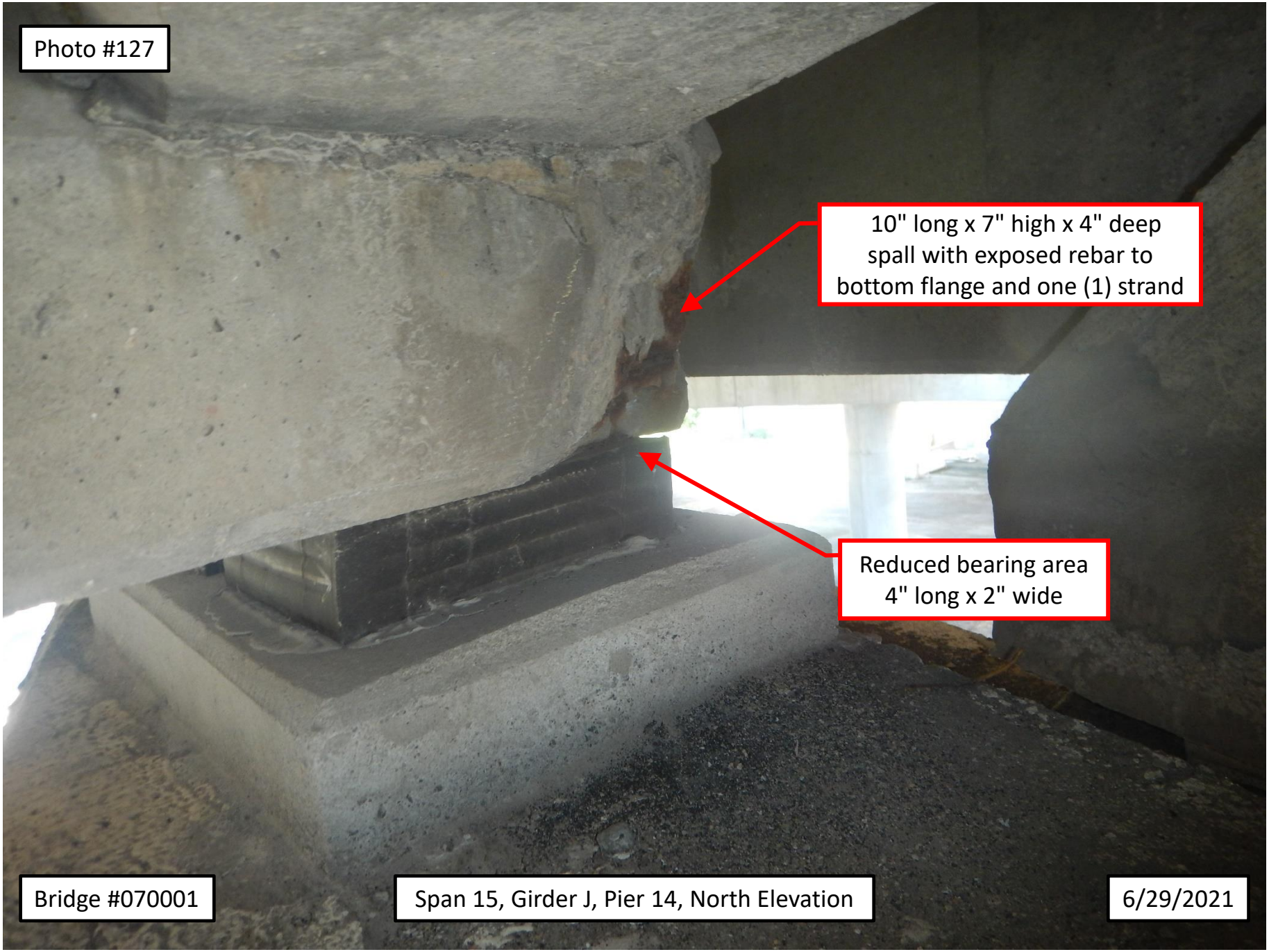

Photo #127
10" long x 7" high x 4" deep spall with exposed rebar to bottom flange and one (1) strand
Reduced bearing area 4" long x 2" wide
Bridge #070001
Span 15, Girder J, Pier 14, North Elevation
6/29/2021


Photo #128
2'-4" long x 6" high hollow patch that extends up to 1'-2" wide onto the underside
Bridge #070001
Span 16, Girder A, Pier 16, South Elevation
6/30/2021

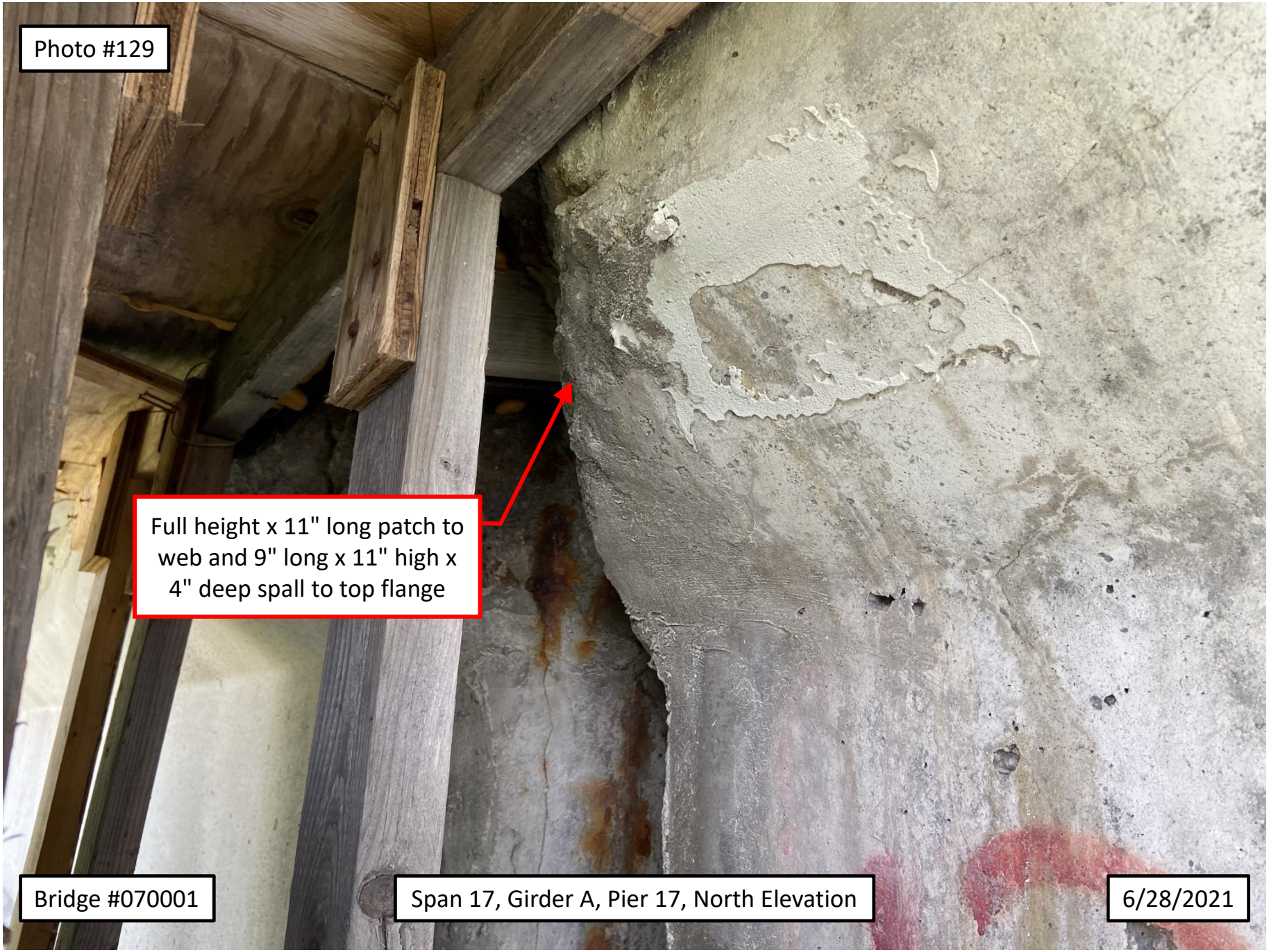
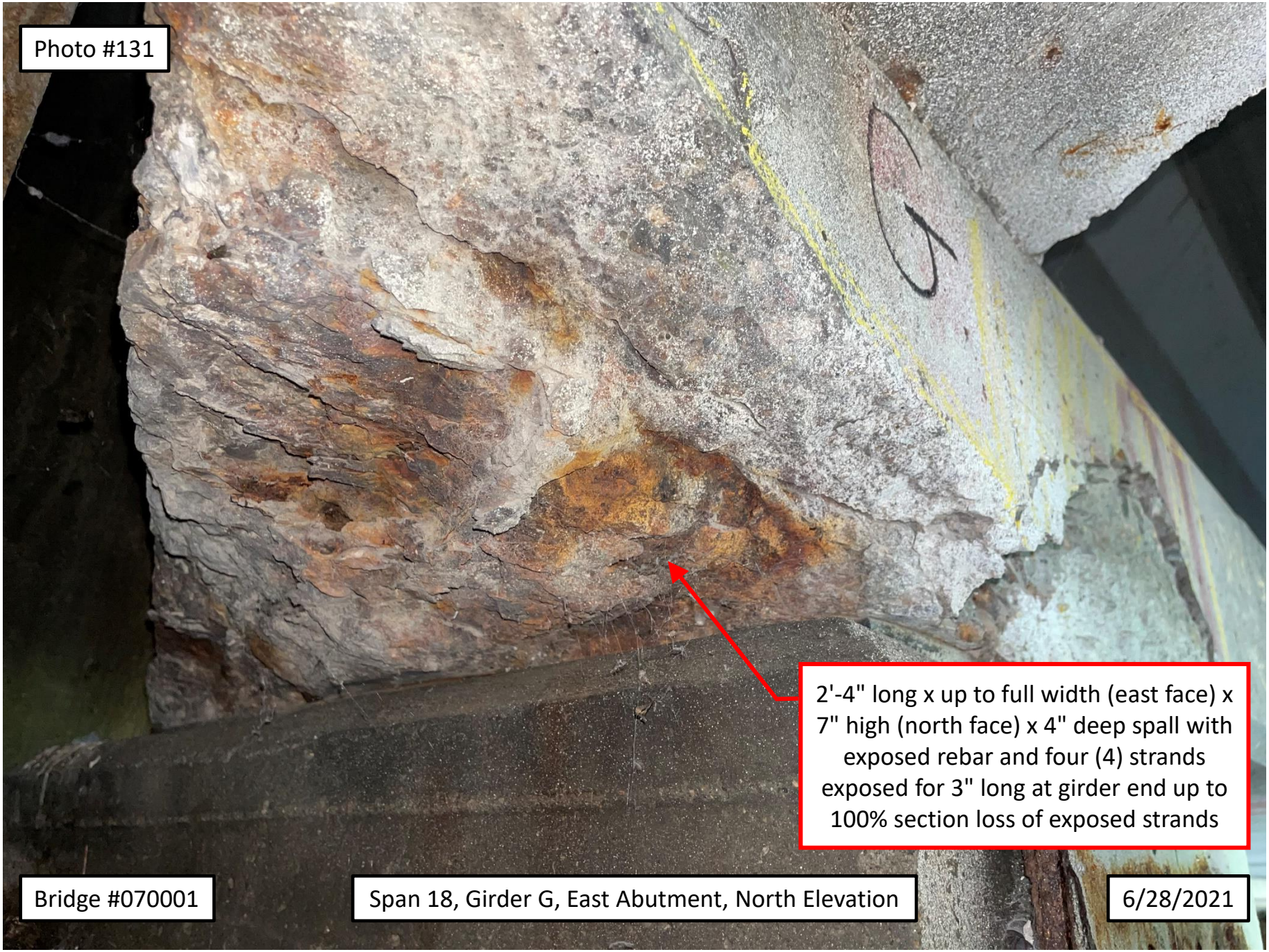
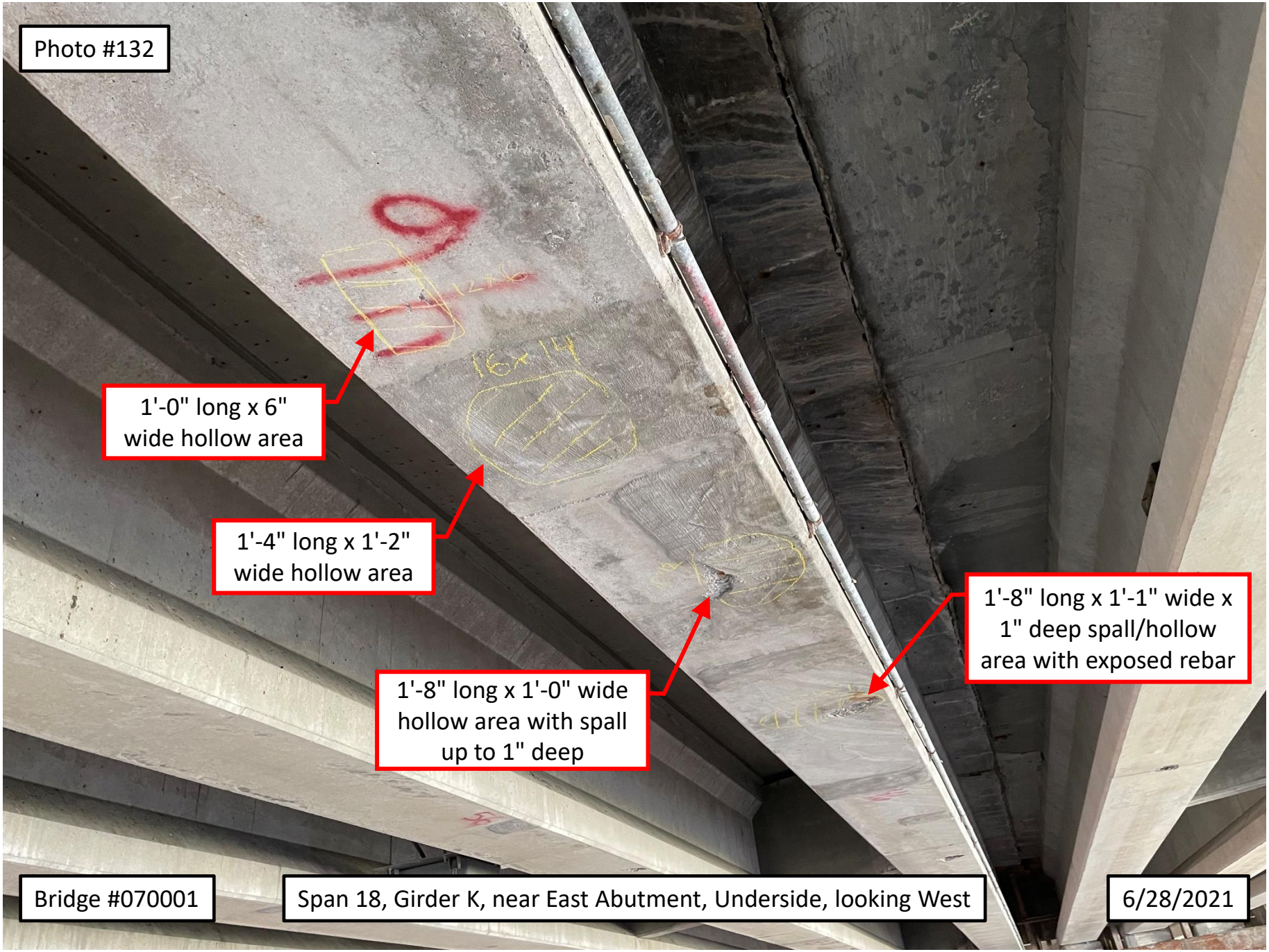
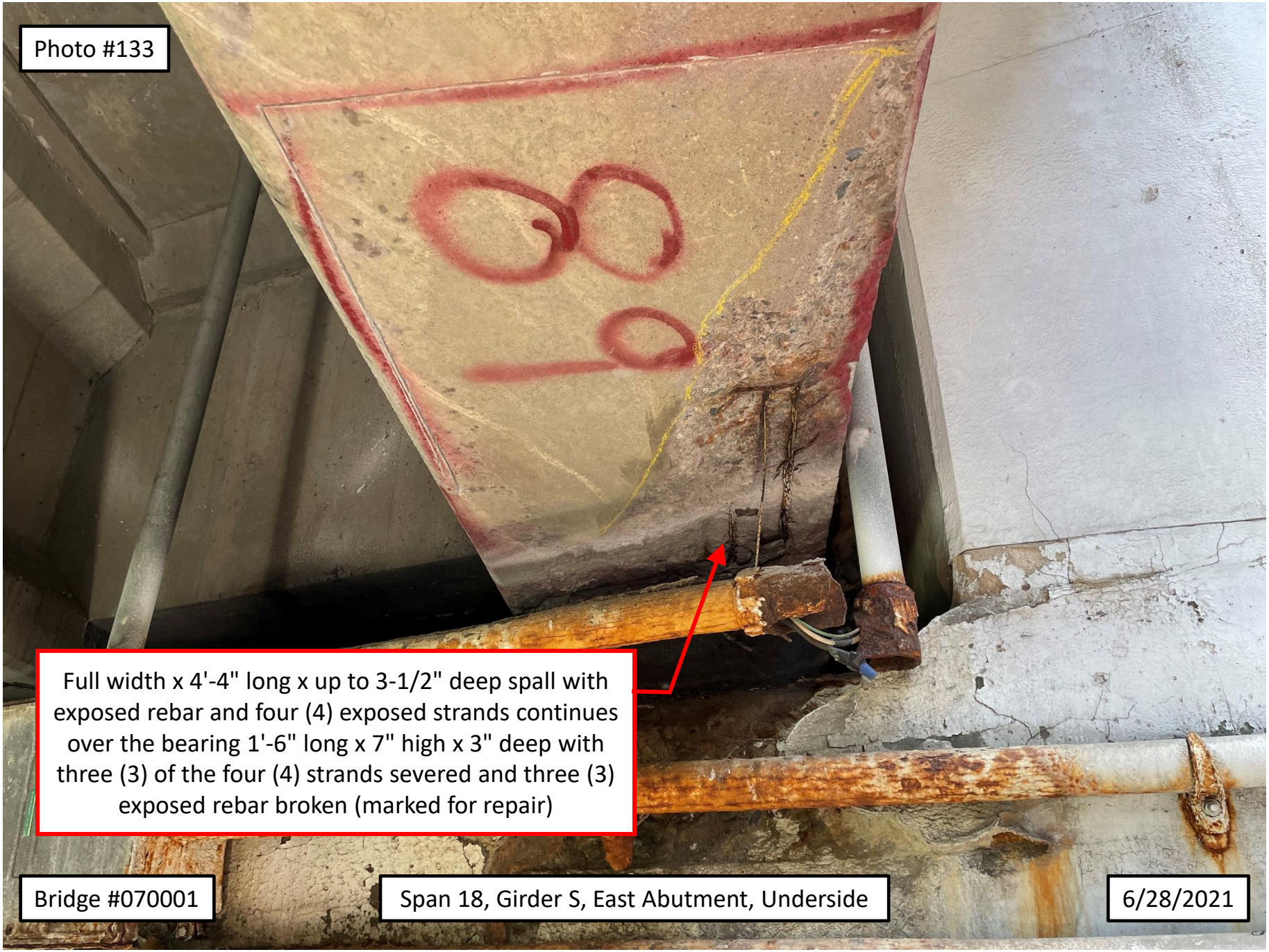
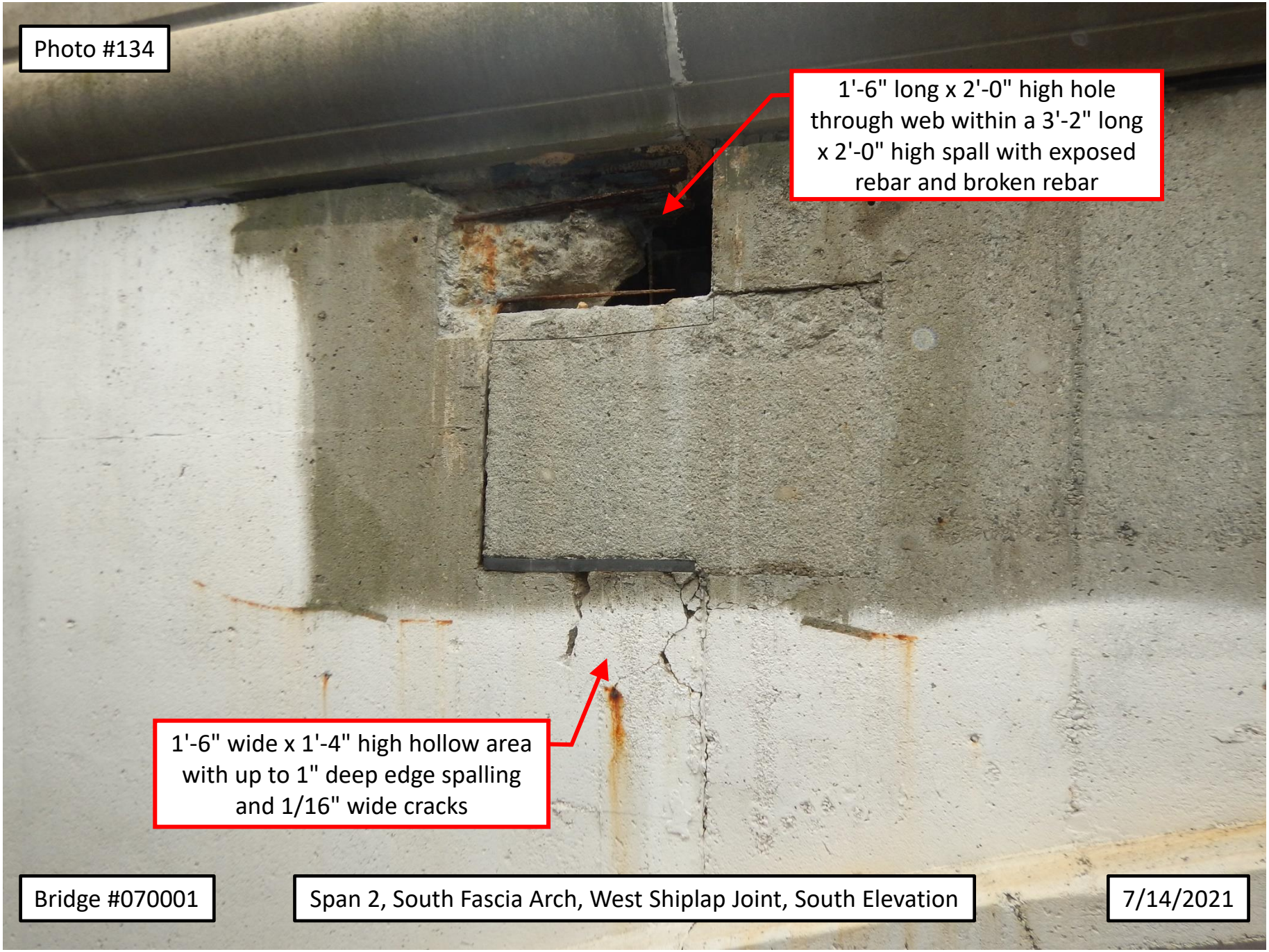

Photo #129
Full height x 11" long patch to web and 9" long x 11" high x 4" deep spall to top flange
Bridge #070001
Span 17, Girder A, Pier 17, North Elevation
6/28/2021

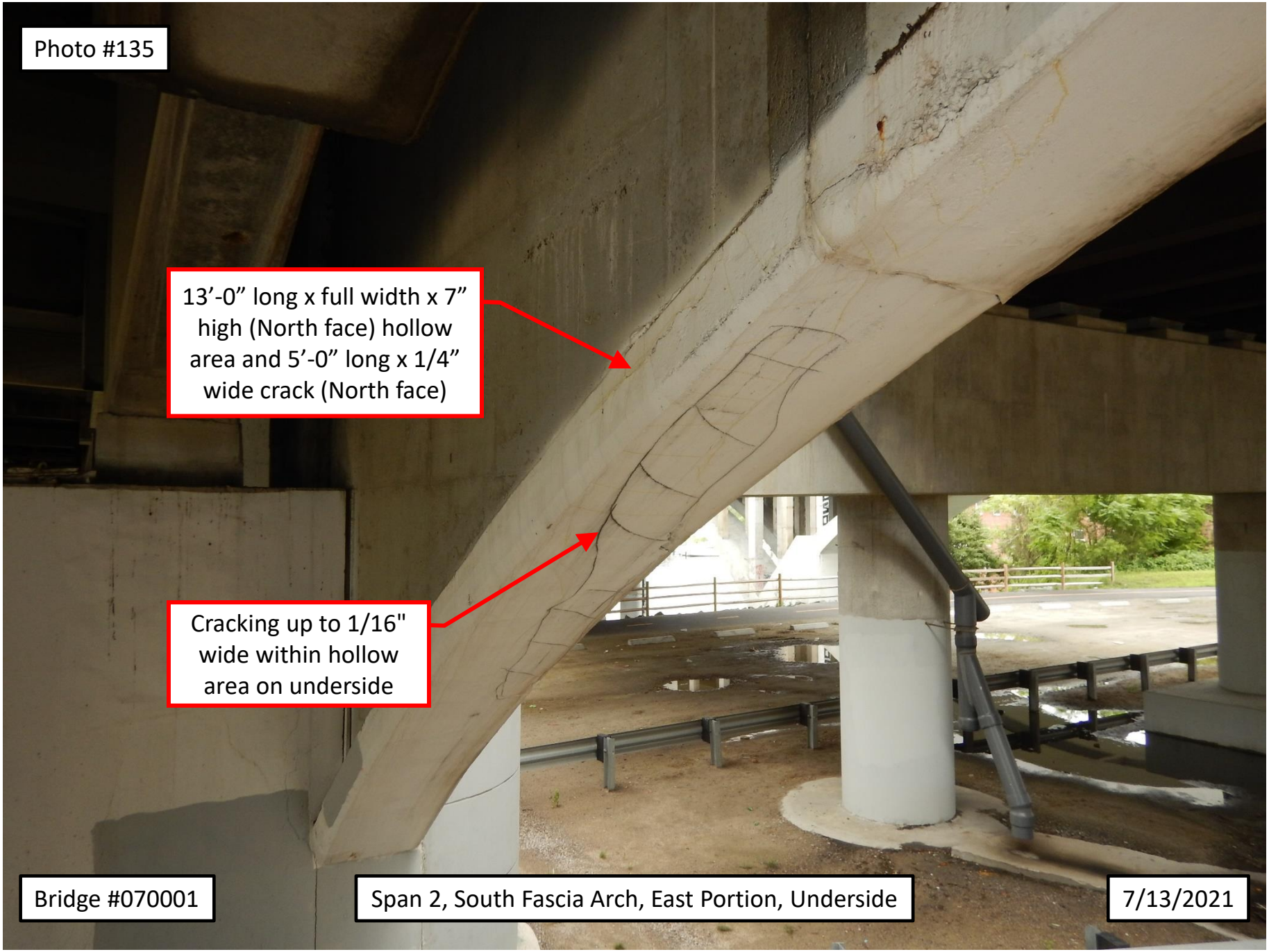

Photo #130
1'-8" long x 1'-8" wide hollow area that extends 2" onto the south face and a 1'-5" long x 1'-1-1/2" wide x 1/2" deep spall with three (3) exposed strands
Bridge #070001
Span 18, Girder G, Pier 17, Underside
6/28/2021

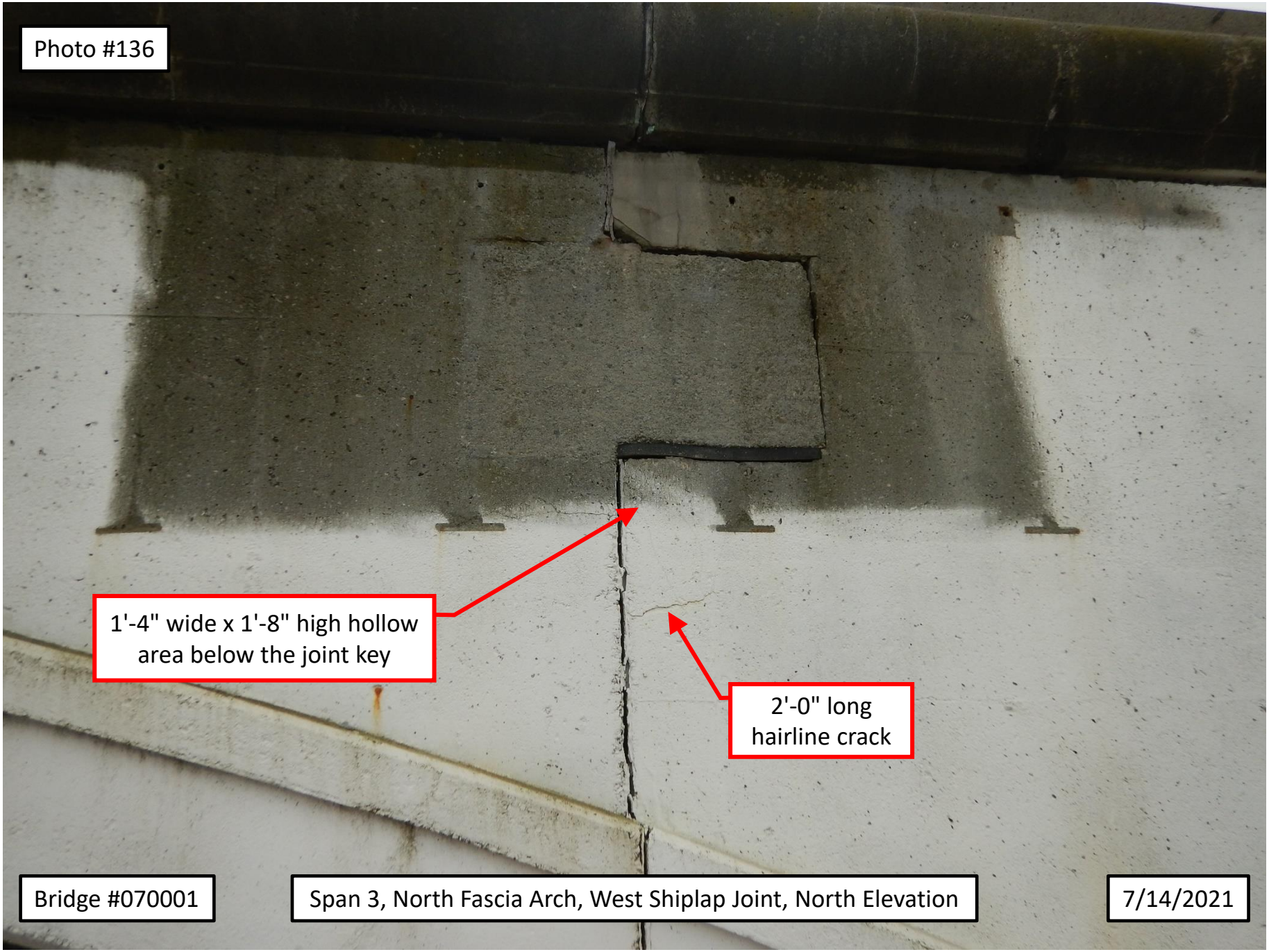

Photo #131
2'-4" long x up to full width (east face) x 7" high (north face) x 4" deep spall with exposed rebar and four (4) strands exposed for 3" long at girder end up to 100% section loss of exposed strands
Bridge #070001
Span 18, Girder G, East Abutment, North Elevation
6/28/2021


Photo #132
1'-0" long x 6" wide hollow area
1'-4" long x 1'-2" wide hollow area
1'-8" long x 1'-0" wide hollow area with spall up to 1" deep
1'-8" long x 1'-1" wide x 1" deep spall/hollow area with exposed rebar
Bridge #070001
Span 18, Girder K, near East Abutment, Underside, looking West
6/28/2021


Photo #133
Full width x 4'-4" long x up to 3-1/2" deep spall with exposed rebar and four (4) exposed strands continues over the bearing 1'-6" long x 7" high x 3" deep with three (3) of the four (4) strands severed and three (3) exposed rebar broken (marked for repair)
Bridge #070001
Span 18, Girder S, East Abutment, Underside
6/28/2021


Photo #134
1'-6" long x 2'-0" high hole through web within a 3'-2" long x 2'-0" high spall with exposed rebar and broken rebar
1'-6" wide x 1'-4" high hollow area with up to 1" deep edge spalling and 1/16" wide cracks
Bridge #070001
Span 2, South Fascia Arch, West Shiplap Joint, South Elevation
7/14/2021


Photo #135
13’-0” long x full width x 7” high (North face) hollow area and 5’-0” long x 1/4” wide crack (North face)
Cracking up to 1/16" wide within hollow area on underside
Bridge #070001
Span 2, South Fascia Arch, East Portion, Underside
7/13/2021


Photo #136
1'-4" wide x 1'-8" high hollow area below the joint key
2'-0" long hairline crack
Bridge #070001
Span 3, North Fascia Arch, West Shiplap Joint, North Elevation
7/14/2021

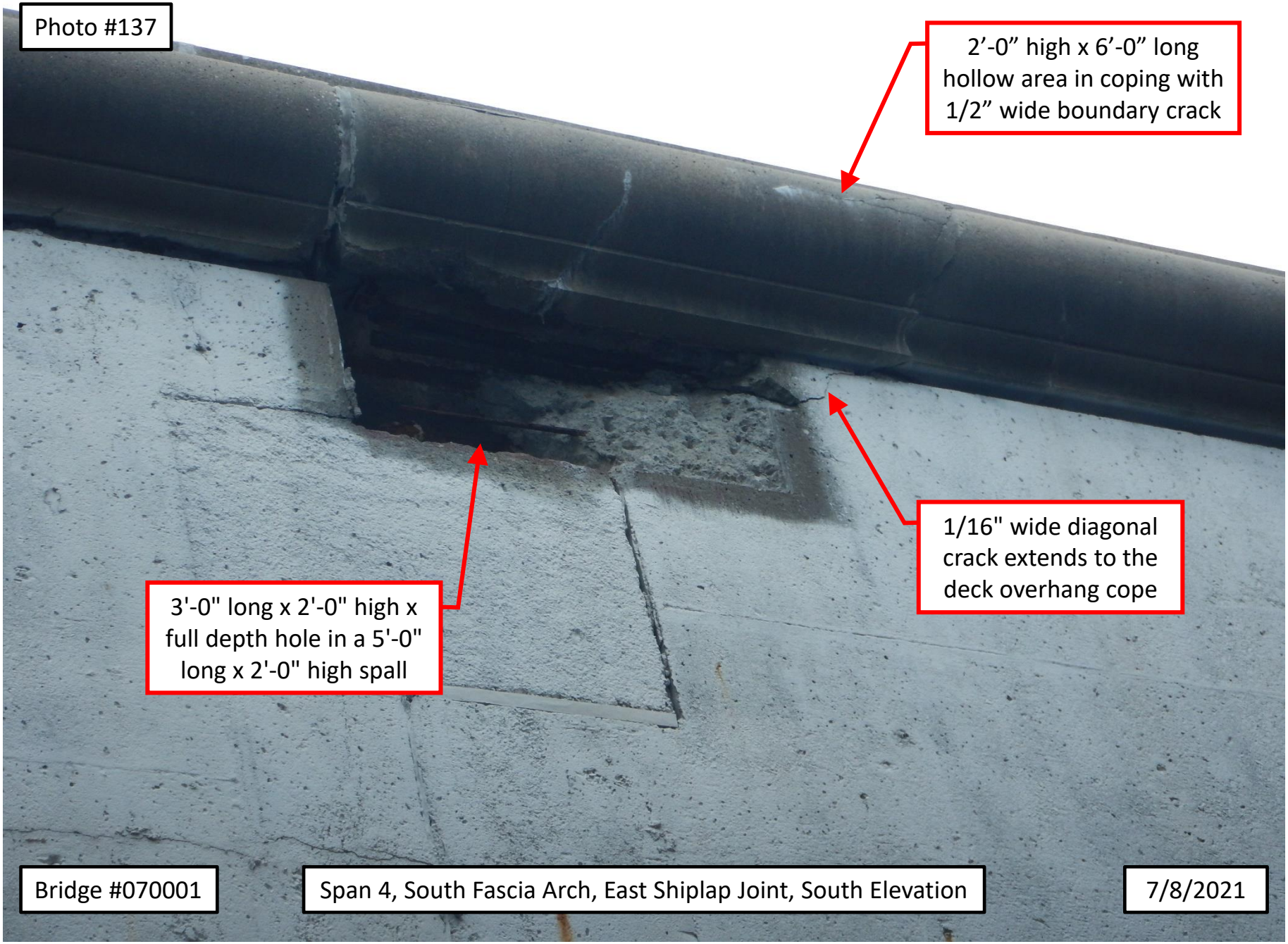
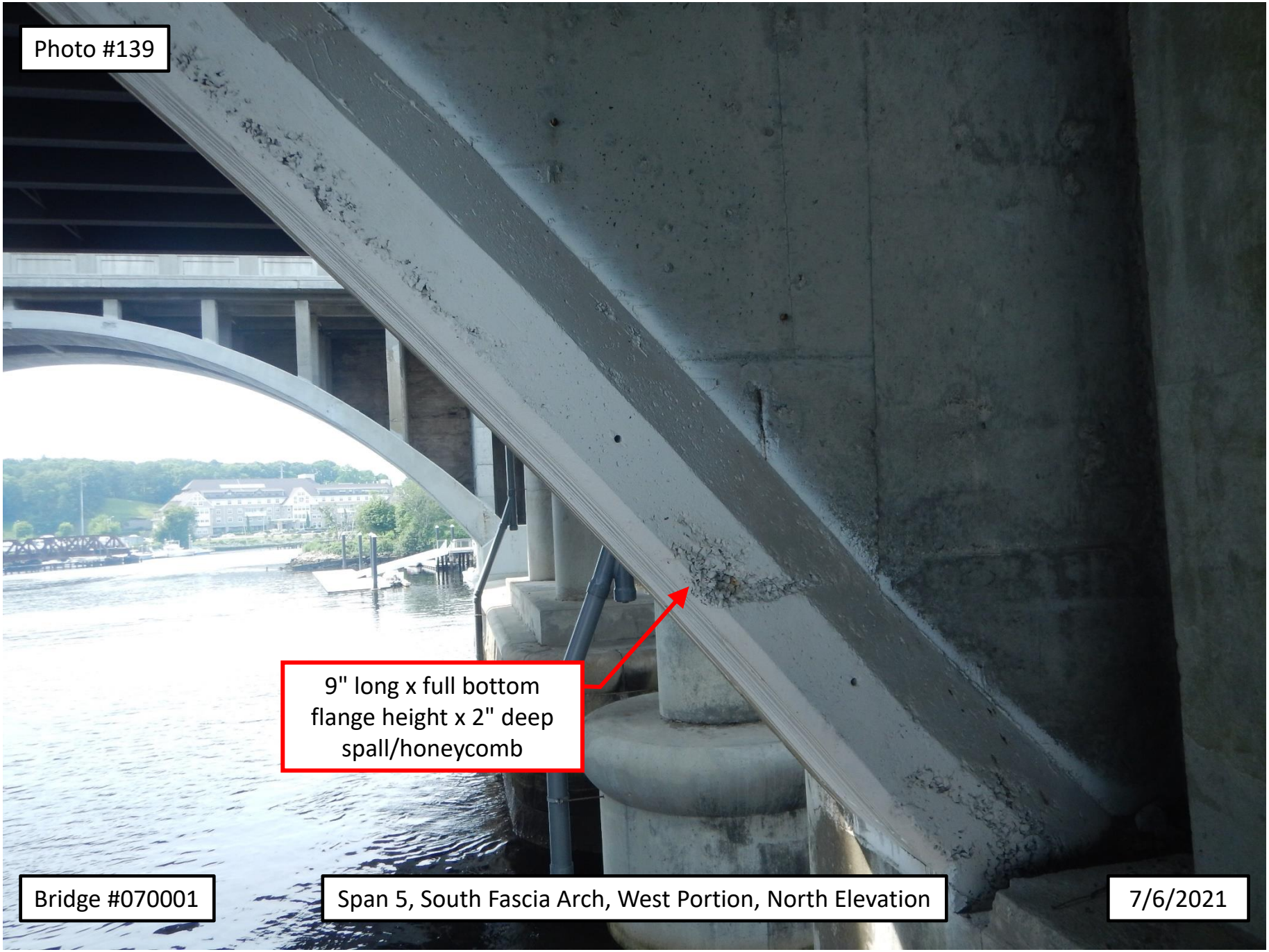
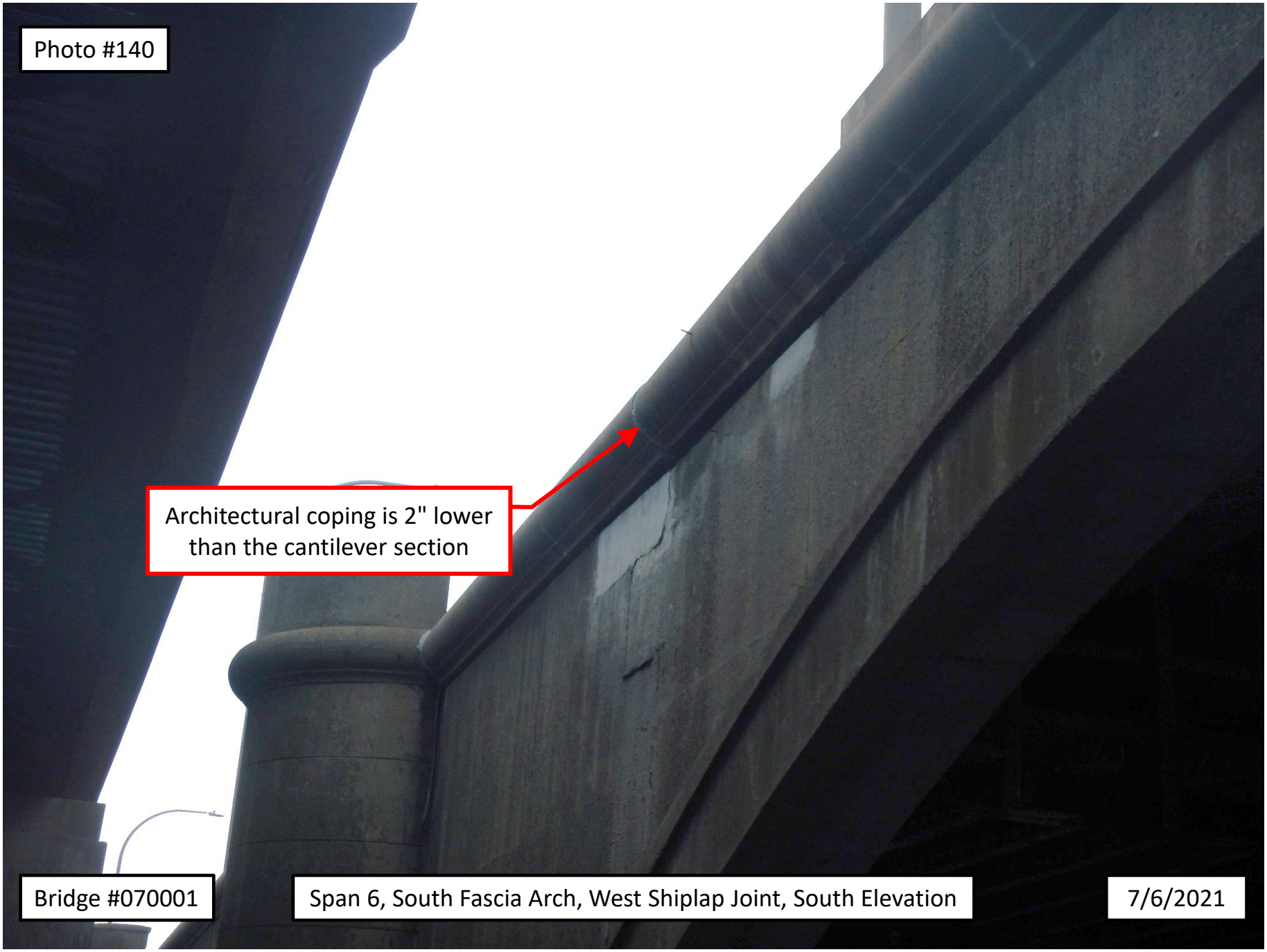
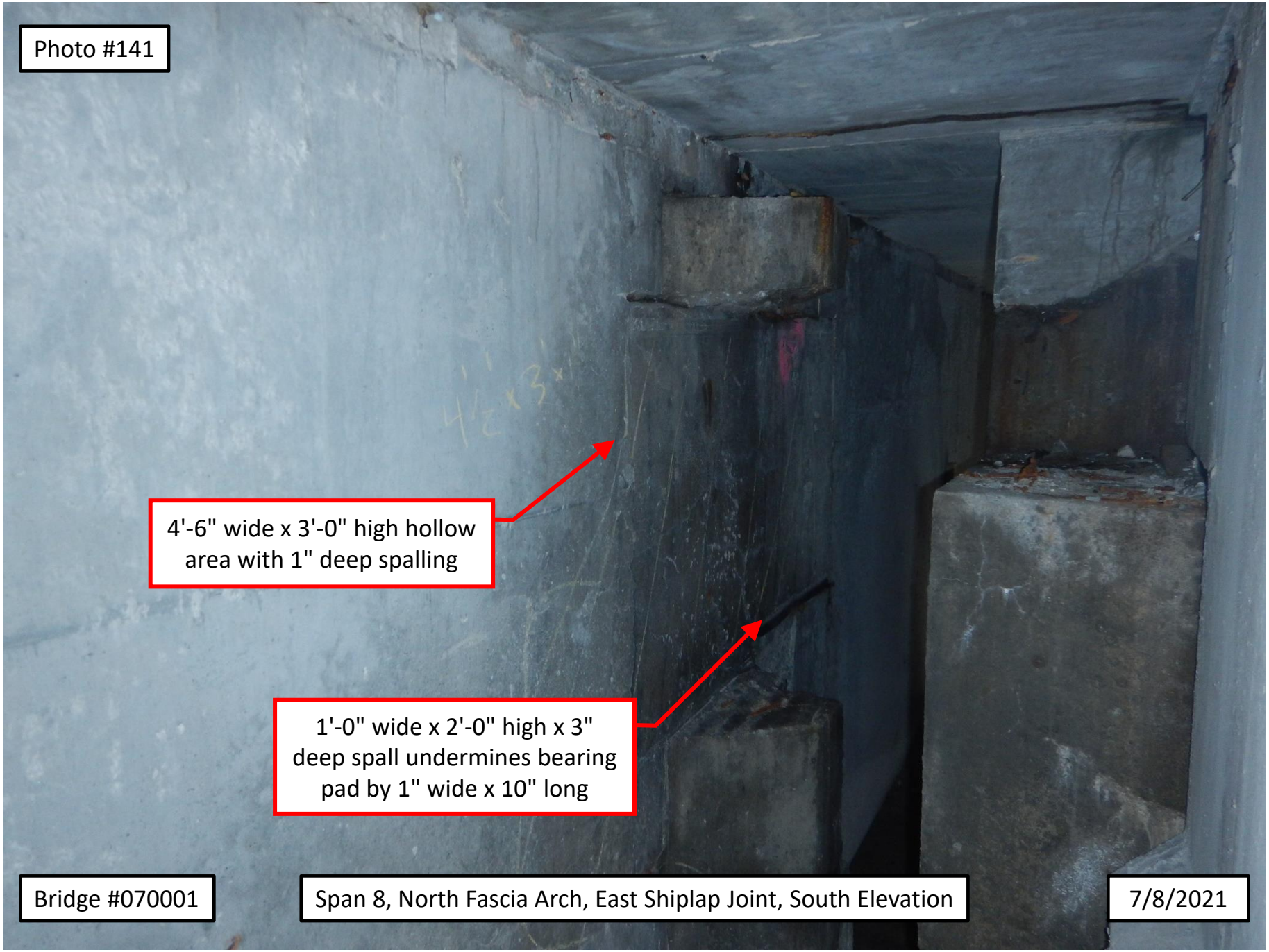
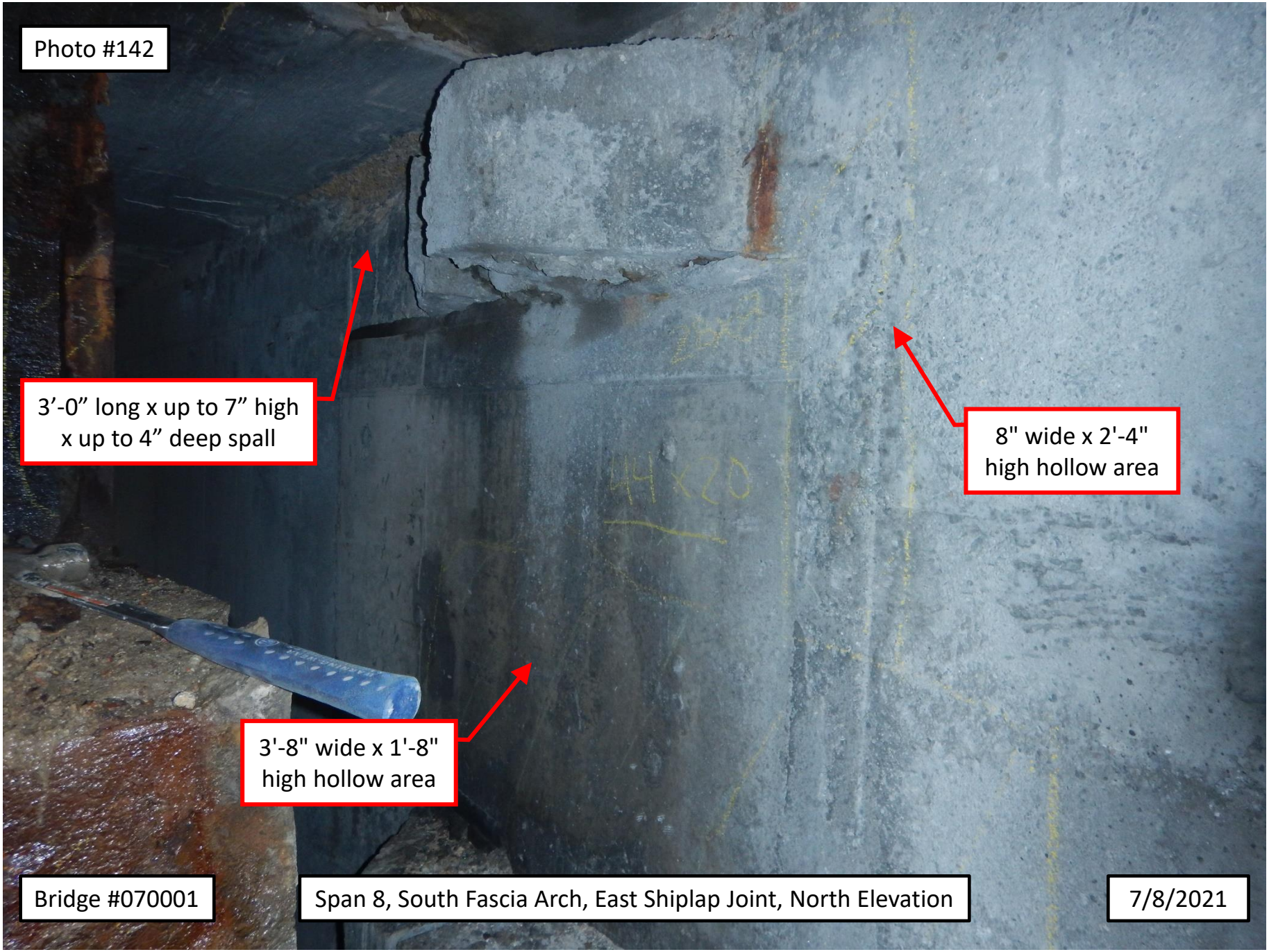

Photo #137
2’-0” high x 6’-0” long hollow area in coping with 1/2” wide boundary crack
1/16" wide diagonal crack extends to the deck overhang cope
3'-0" long x 2'-0" high x full depth hole in a 5'-0" long x 2'-0" high spall
Bridge #070001
Span 4, South Fascia Arch, East Shiplap Joint, South Elevation
7/8/2021

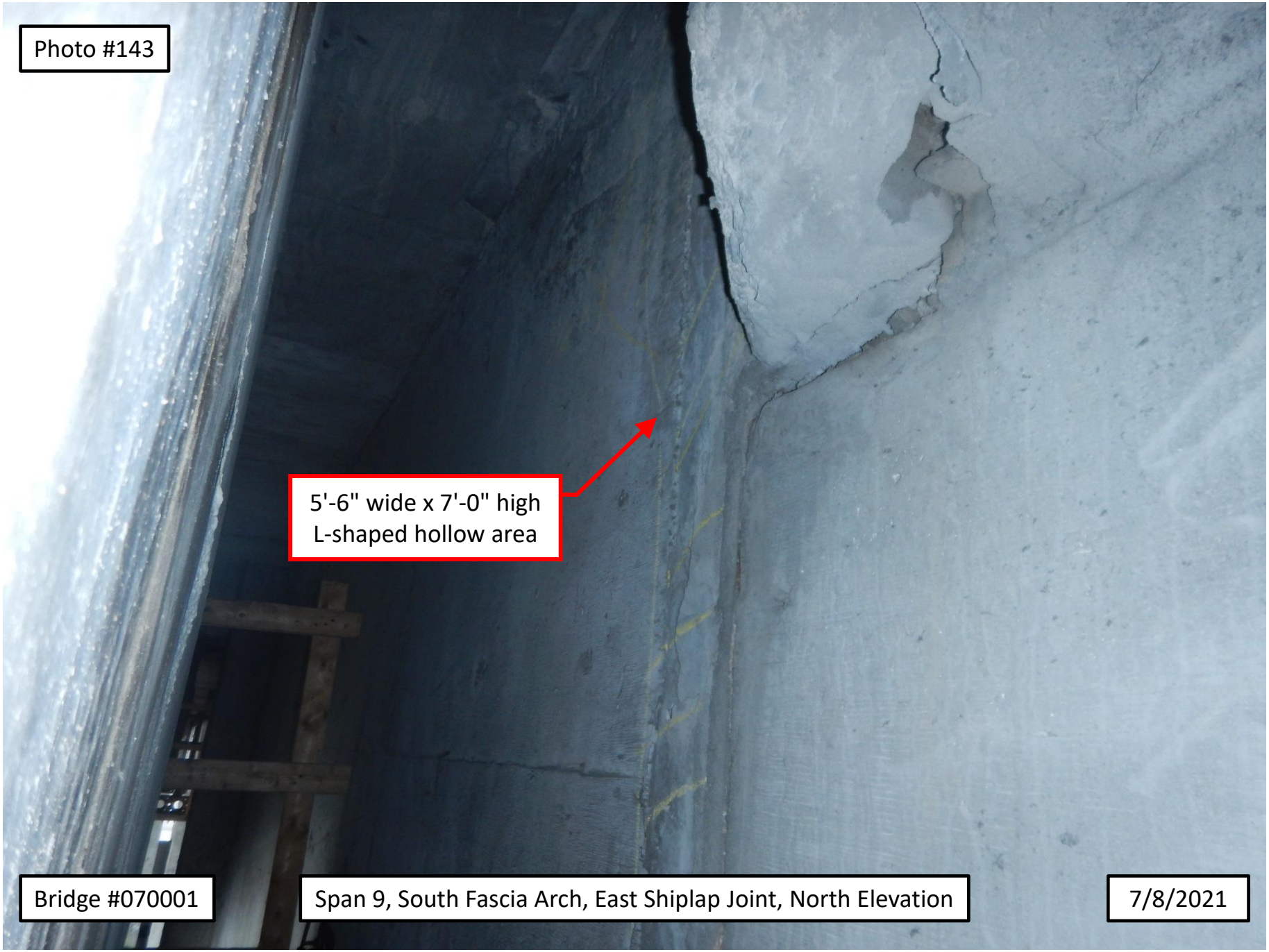

Photo #138
1'-4" wide x 2'-8" high x
2" deep spall/hollow area
Bridge #070001
Span 5, North Fascia Arch, West Shiplap Joint, South Elevation
7/6/2021

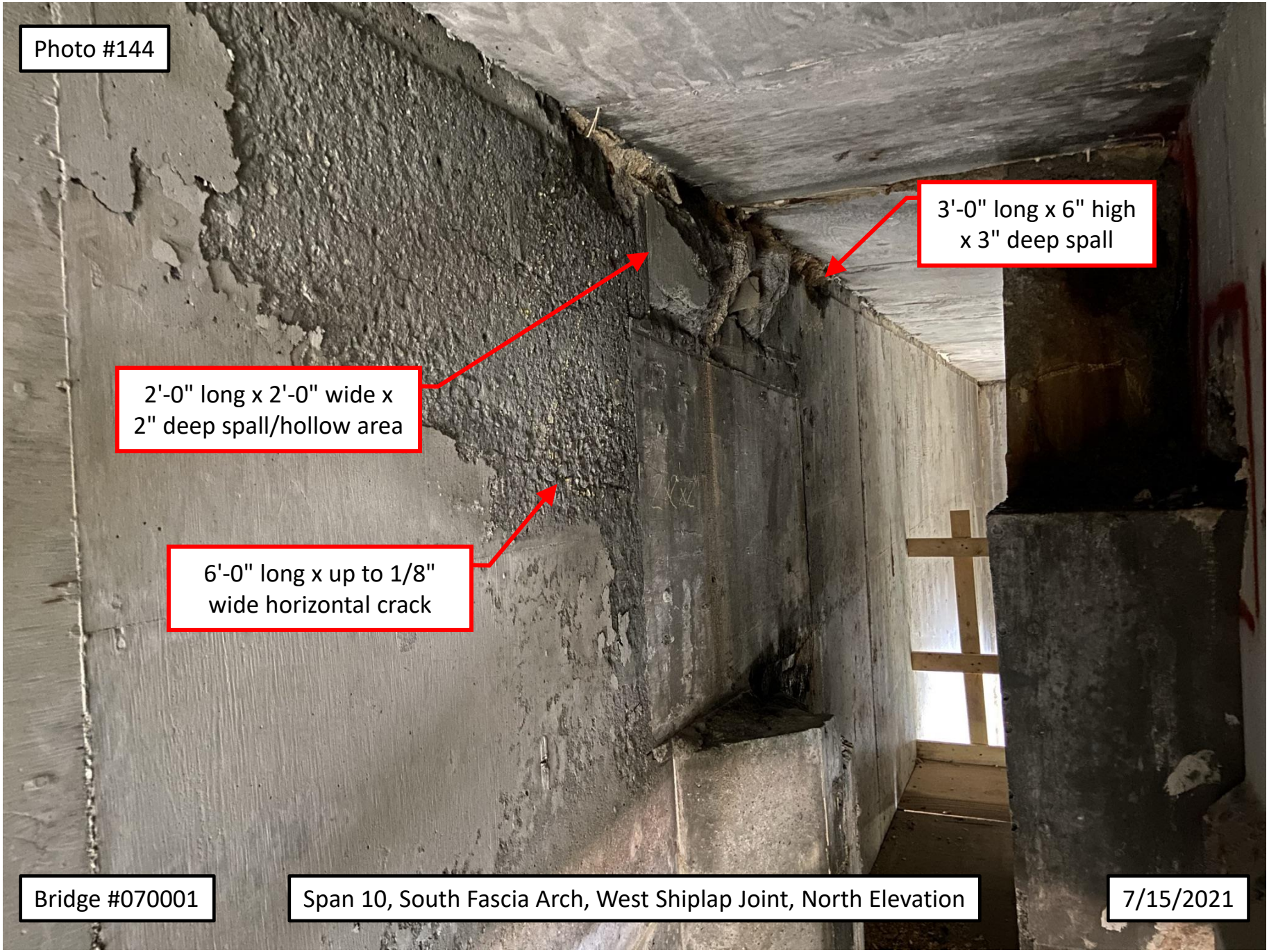

Photo #139
9" long x full bottom flange height x 2" deep spall/honeycomb
Bridge #070001
Span 5, South Fascia Arch, West Portion, North Elevation
7/6/2021

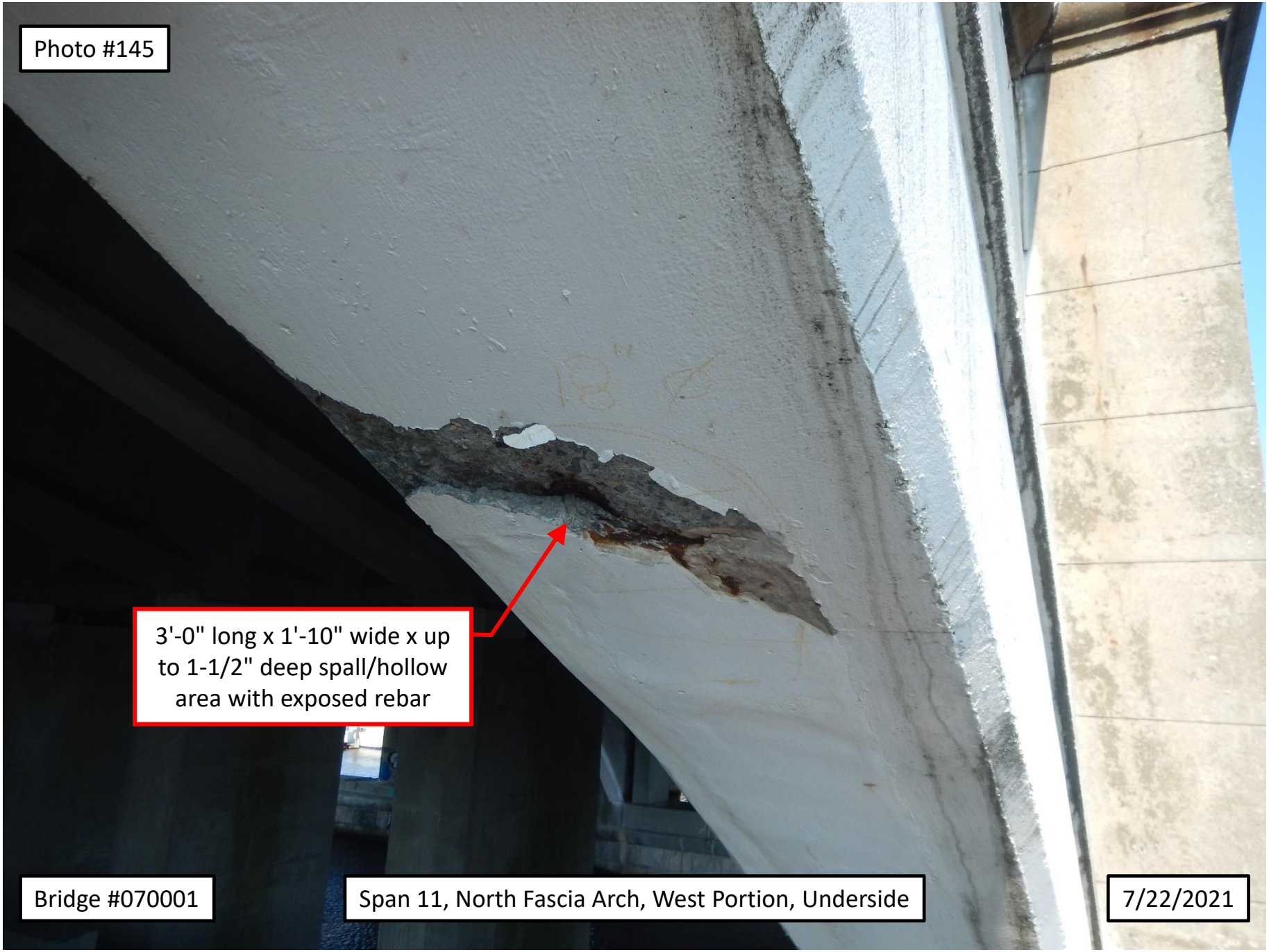

Photo #140
Architectural coping is 2" lower than the cantilever section
Bridge #070001
Span 6, South Fascia Arch, West Shiplap Joint, South Elevation
7/6/2021

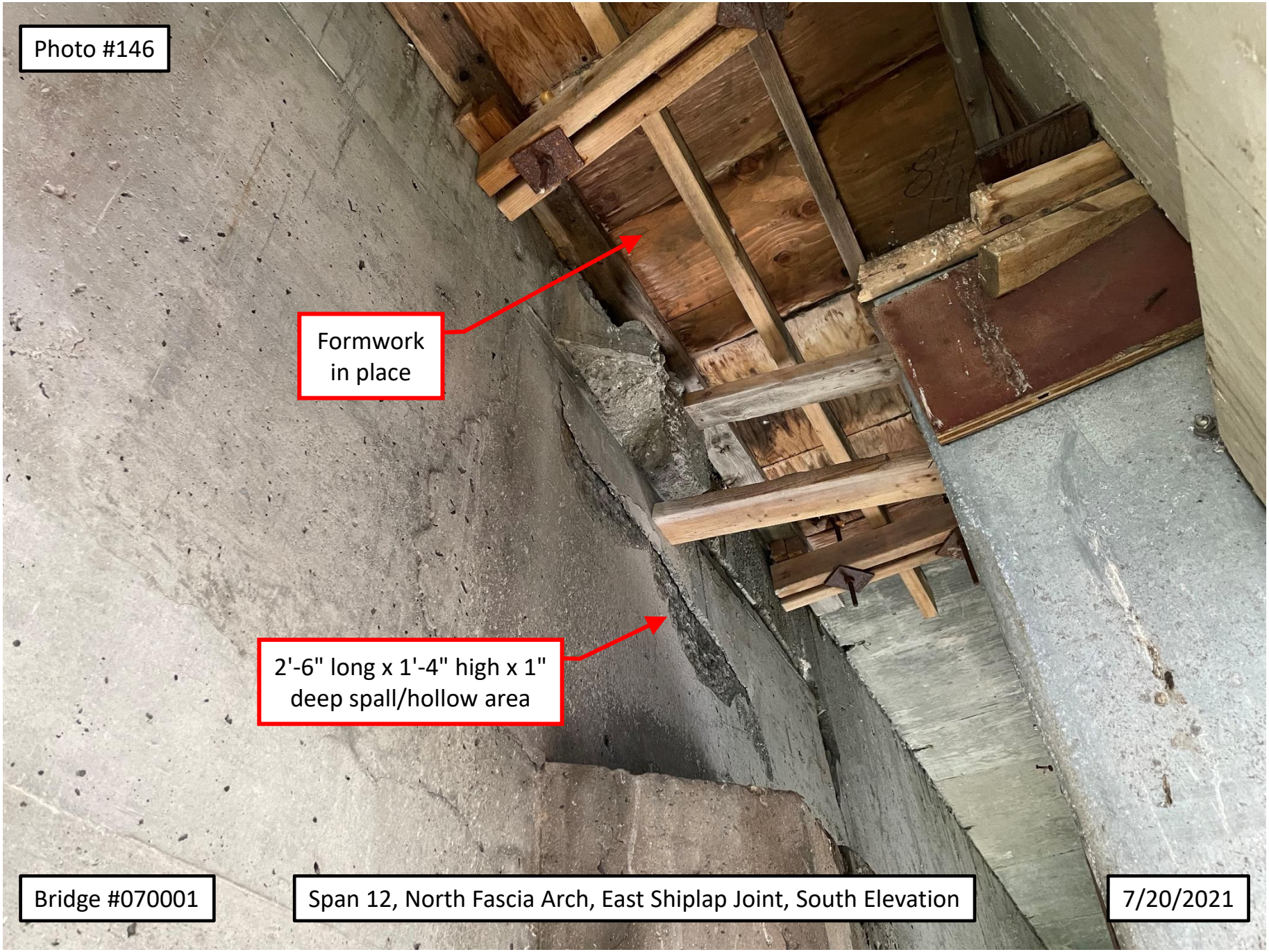

Photo #141
4'-6" wide x 3'-0" high hollow area with 1" deep spalling
1'-0" wide x 2'-0" high x 3" deep spall undermines bearing pad by 1" wide x 10" long
Bridge #070001
Span 8, North Fascia Arch, East Shiplap Joint, South Elevation
7/8/2021


Photo #142
3’-0” long x up to 7” high x up to 4” deep spall
8" wide x 2'-4" high hollow area
3'-8" wide x 1'-8" high hollow area
Bridge #070001
Span 8, South Fascia Arch, East Shiplap Joint, North Elevation
7/8/2021


Photo #143
5'-6" wide x 7'-0" high
L-shaped hollow area
Bridge #070001
Span 9, South Fascia Arch, East Shiplap Joint, North Elevation
7/8/2021


Photo #144
3'-0" long x 6" high x 3" deep spall
2'-0" long x 2'-0" wide x 2" deep spall/hollow area
6'-0" long x up to 1/8" wide horizontal crack
Bridge #070001
Span 10, South Fascia Arch, West Shiplap Joint, North Elevation
7/15/2021


Photo #145
3'-0" long x 1'-10" wide x up to 1-1/2" deep spall/hollow area with exposed rebar
Bridge #070001
Span 11, North Fascia Arch, West Portion, Underside
7/22/2021


Photo #146
Formwork in place
2'-6" long x 1'-4" high x 1" deep spall/hollow area
Bridge #070001
Span 12, North Fascia Arch, East Shiplap Joint, South Elevation
7/20/2021

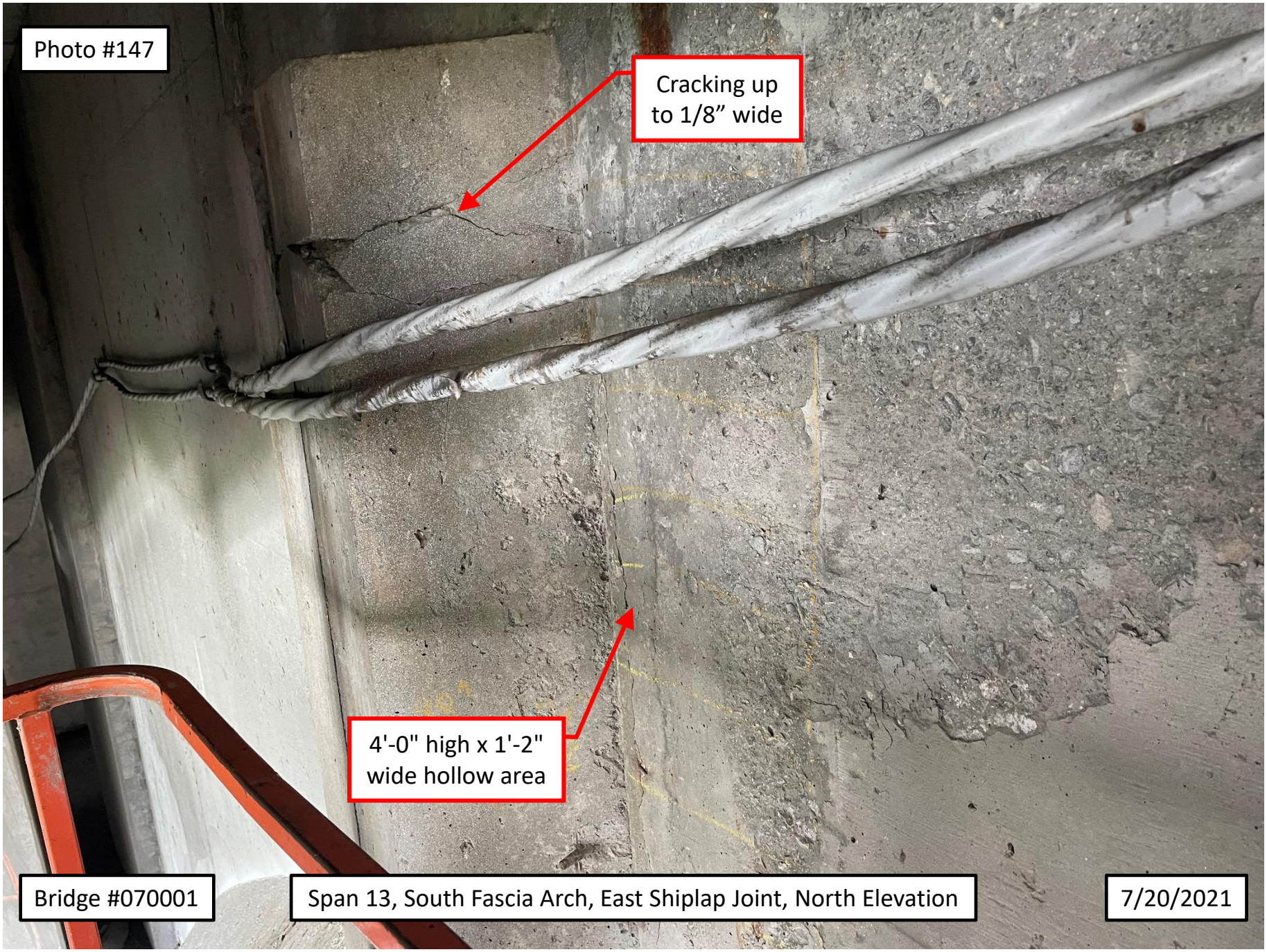
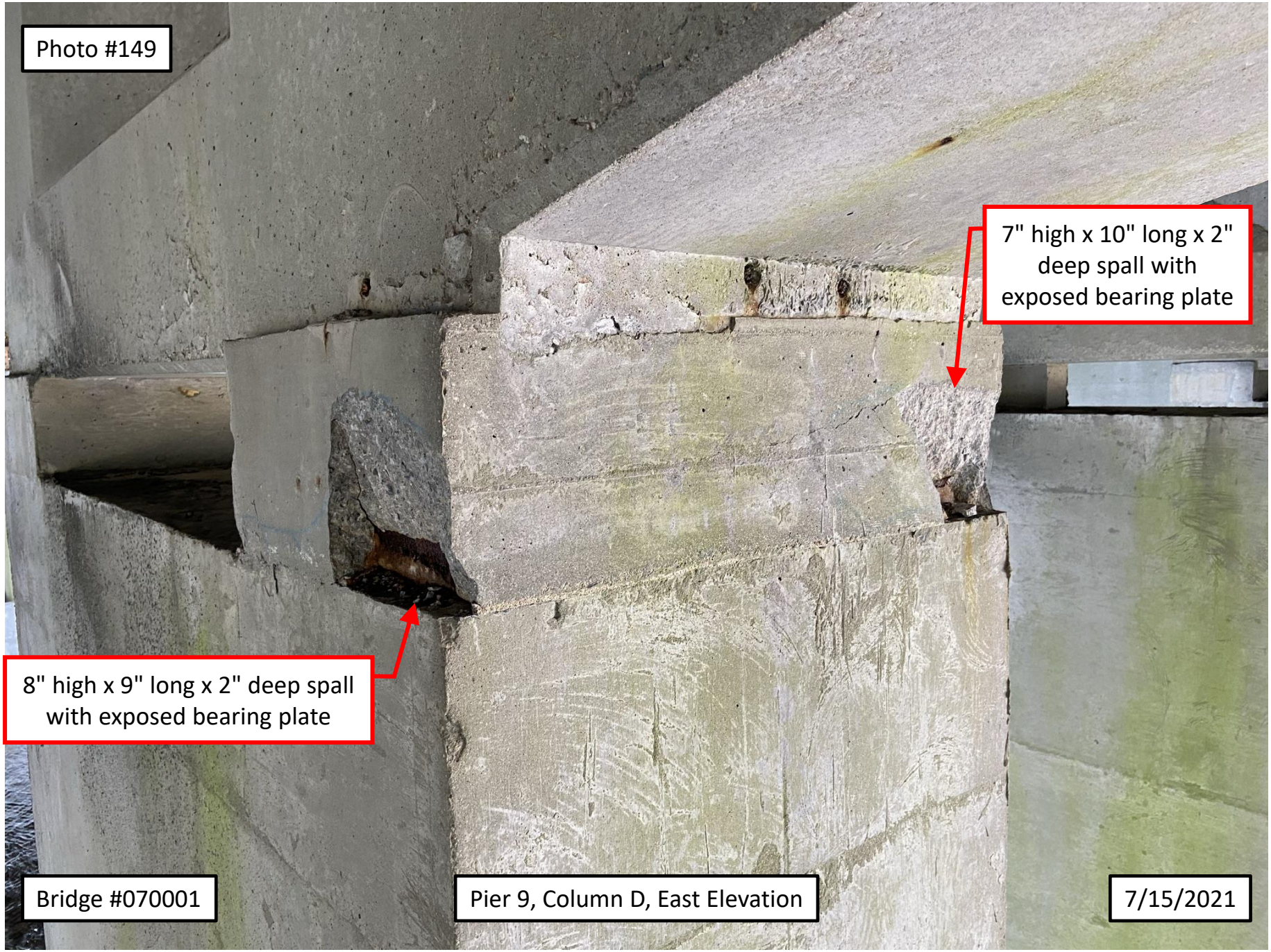
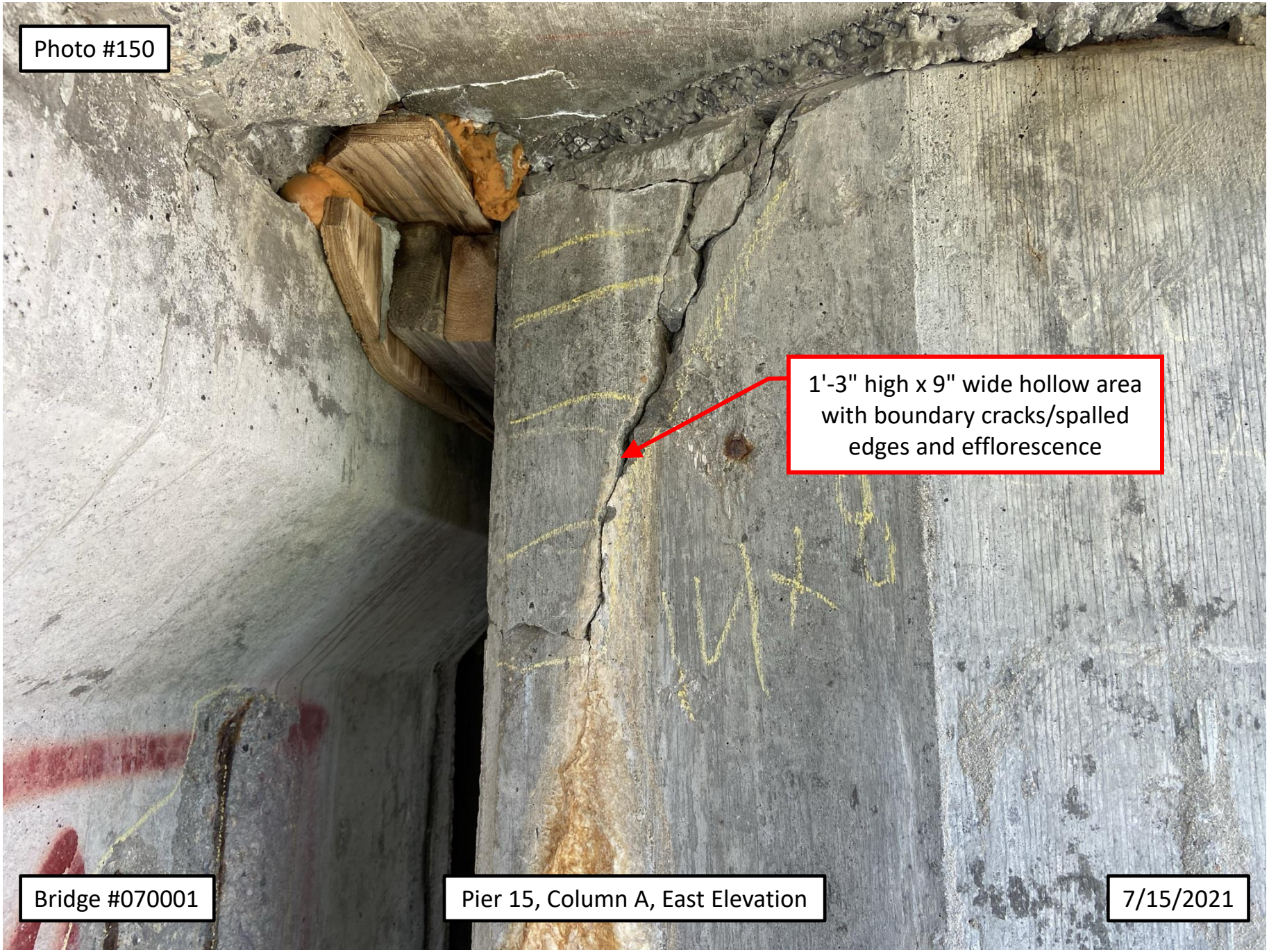

Photo #147
Cracking up to 1/8” wide
4'-0" high x 1'-2" wide hollow area
Bridge #070001
Span 13, South Fascia Arch, East Shiplap Joint, North Elevation
7/20/2021


Photo #148
3'-6" long x 5" high delamination extends 8" wide onto underside with 1/16" wide boundary cracks
Bridge #070001
Span 3R, North Fascia Arch, East Quarter Point, South Elevation
7/12/2021


Photo #149
7" high x 10" long x 2" deep spall with exposed bearing plate
8" high x 9" long x 2" deep spall with exposed bearing plate
Bridge #070001
Pier 9, Column D, East Elevation
7/15/2021


Photo #150
1'-3" high x 9" wide hollow area with boundary cracks/spalled edges and efflorescence
Bridge #070001
Pier 15, Column A, East Elevation
7/15/2021

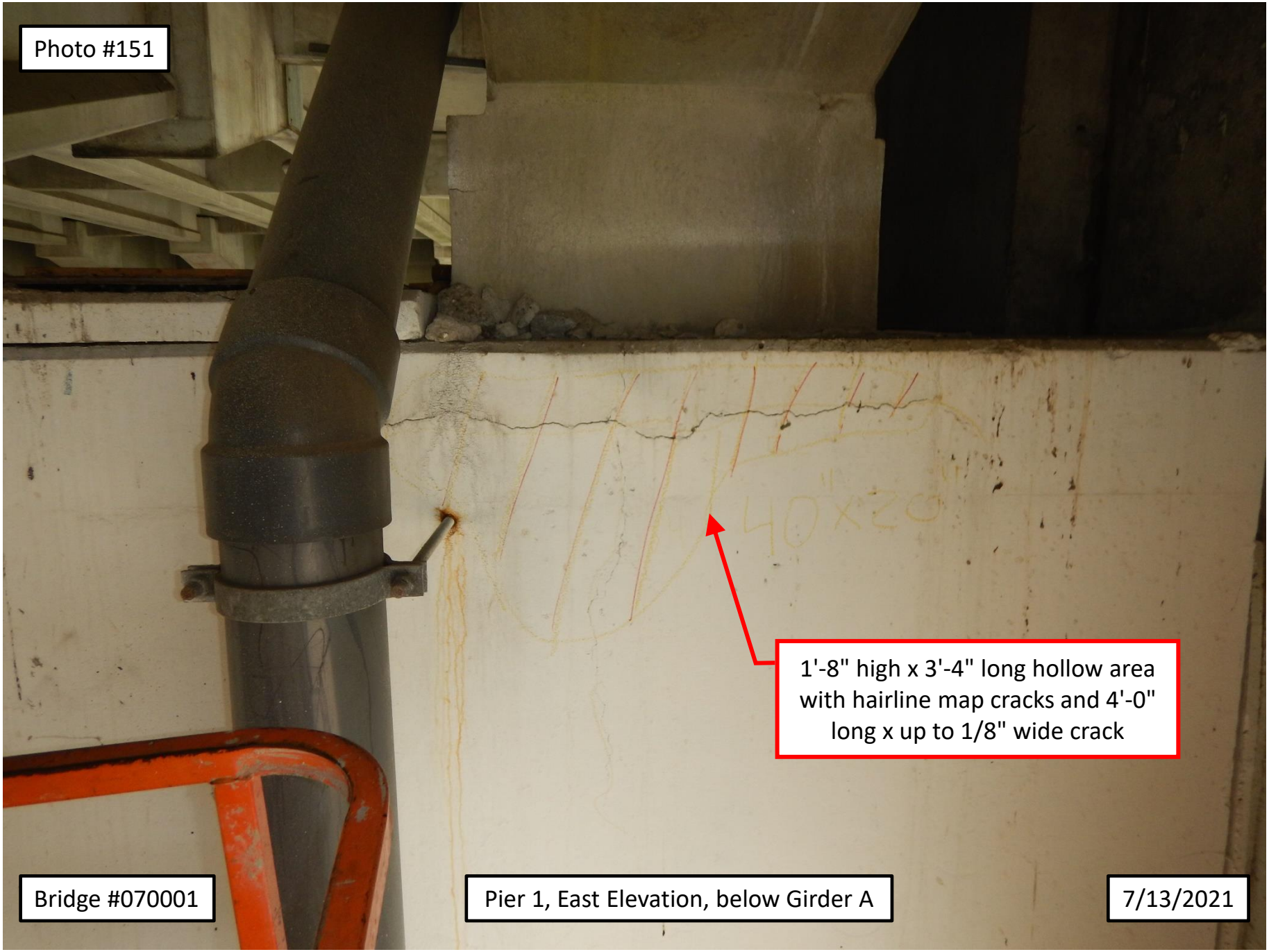
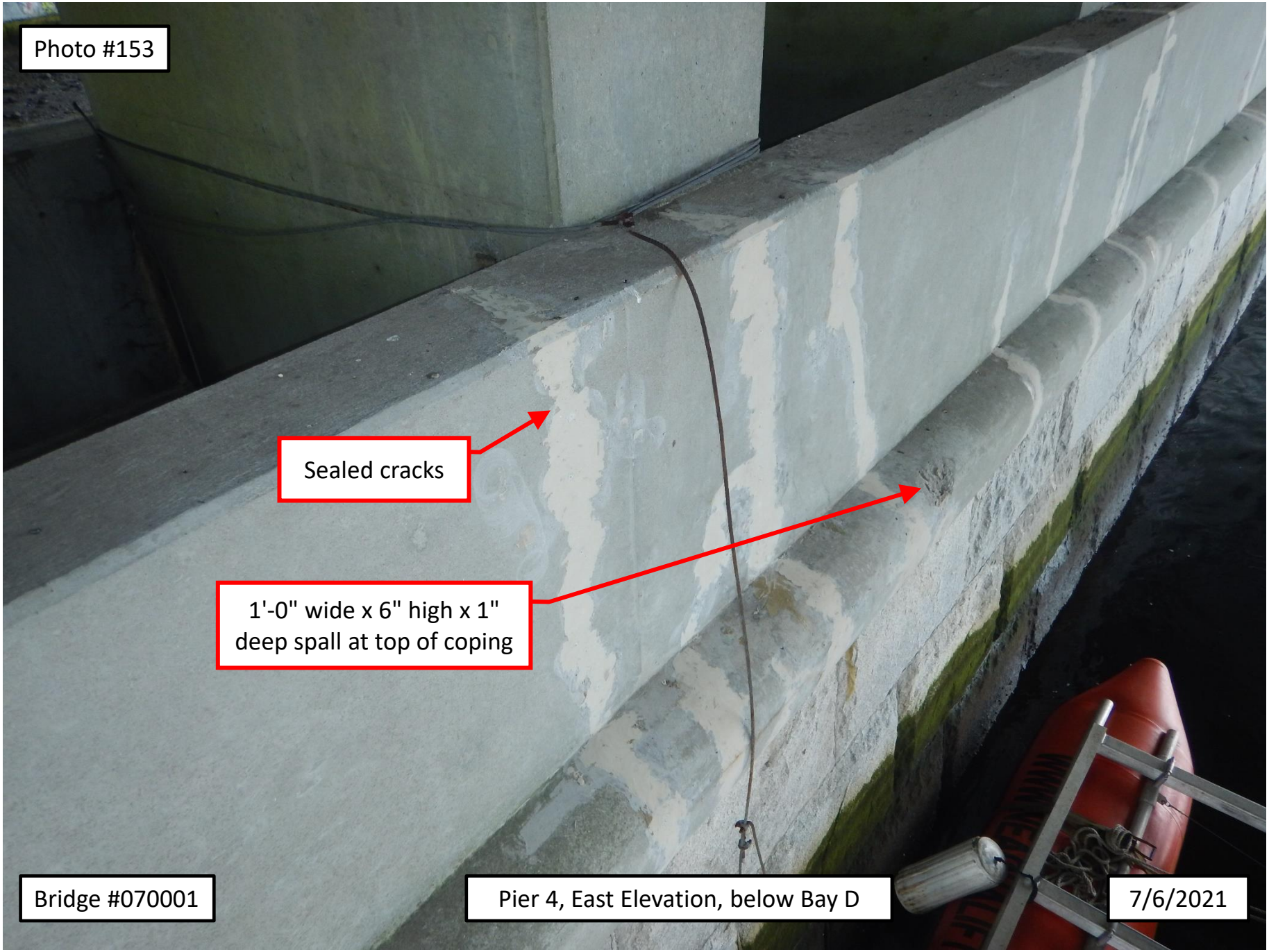
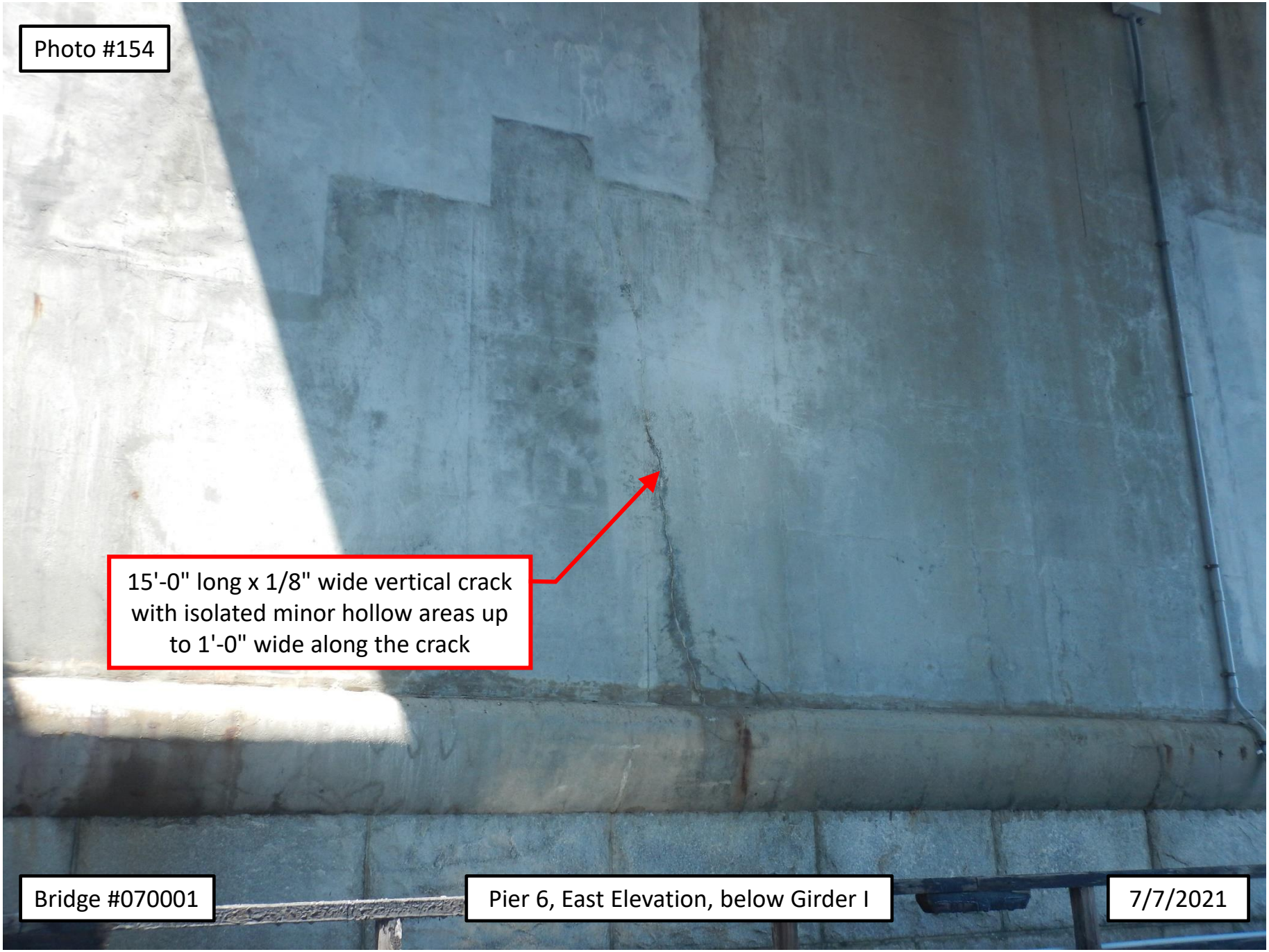

Photo #151
40"x20"
1'-8" high x 3'-4" long hollow area with hairline map cracks and 4'-0" long x up to 1/8" wide crack
Bridge #070001
Pier 1, East Elevation, below Girder A
7/13/2021


Photo #152
3'-2" wide x 3-1/2" high x up to 6" deep spall with exposed reinforcing to corner of closure panel
CAUTION
NO HANDS OR LANYARD
Bridge #070001
Pier 2, West Elevation, below Girder F
7/13/2021


Photo #153
Sealed cracks
1'-0" wide x 6" high x 1" deep spall at top of coping
Bridge #070001
Pier 4, East Elevation, below Bay D
7/6/2021


Photo #154
15'-0" long x 1/8" wide vertical crack with isolated minor hollow areas up to 1'-0" wide along the crack
Bridge #070001
Pier 6, East Elevation, below Girder I
7/7/2021

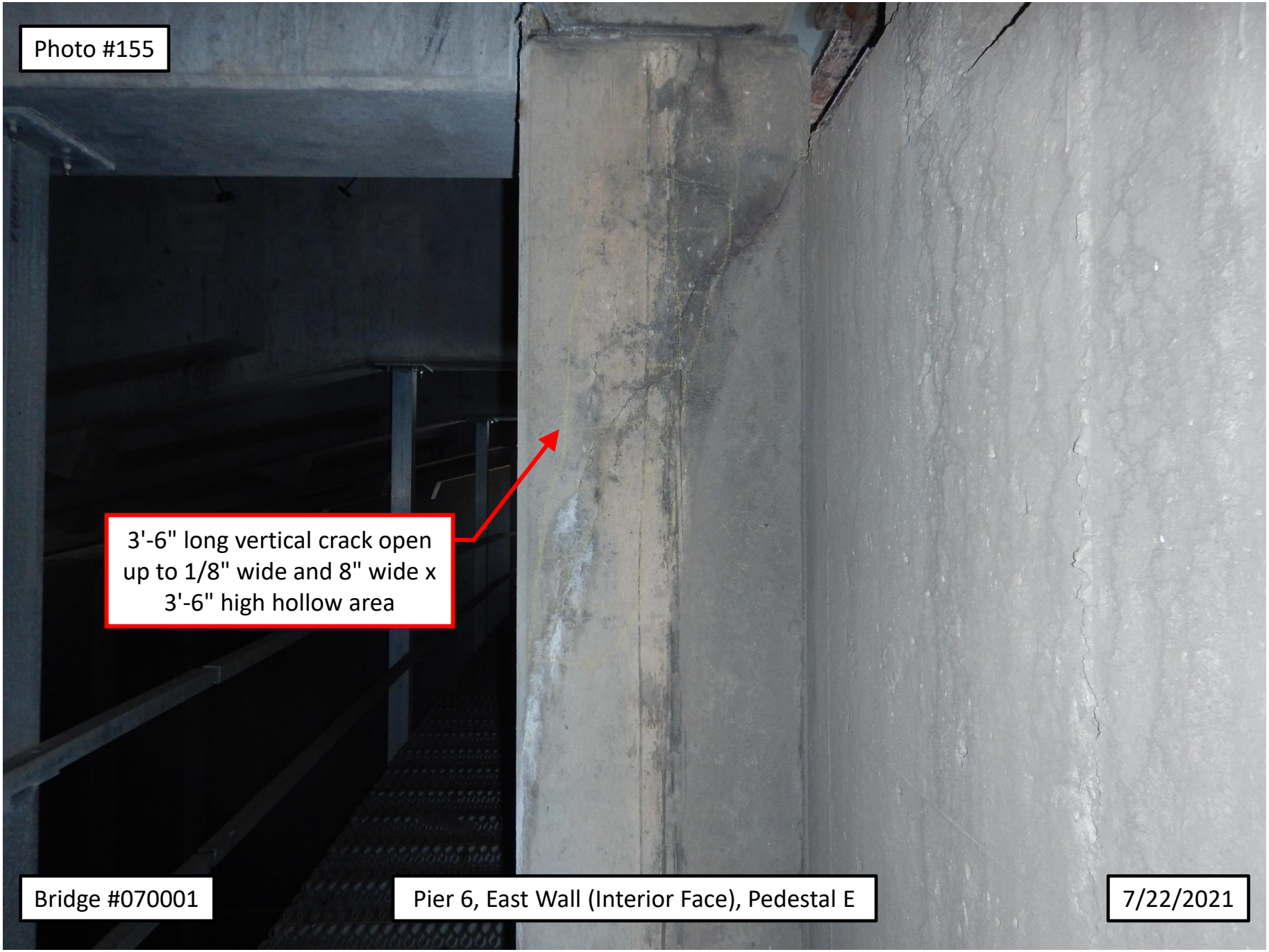
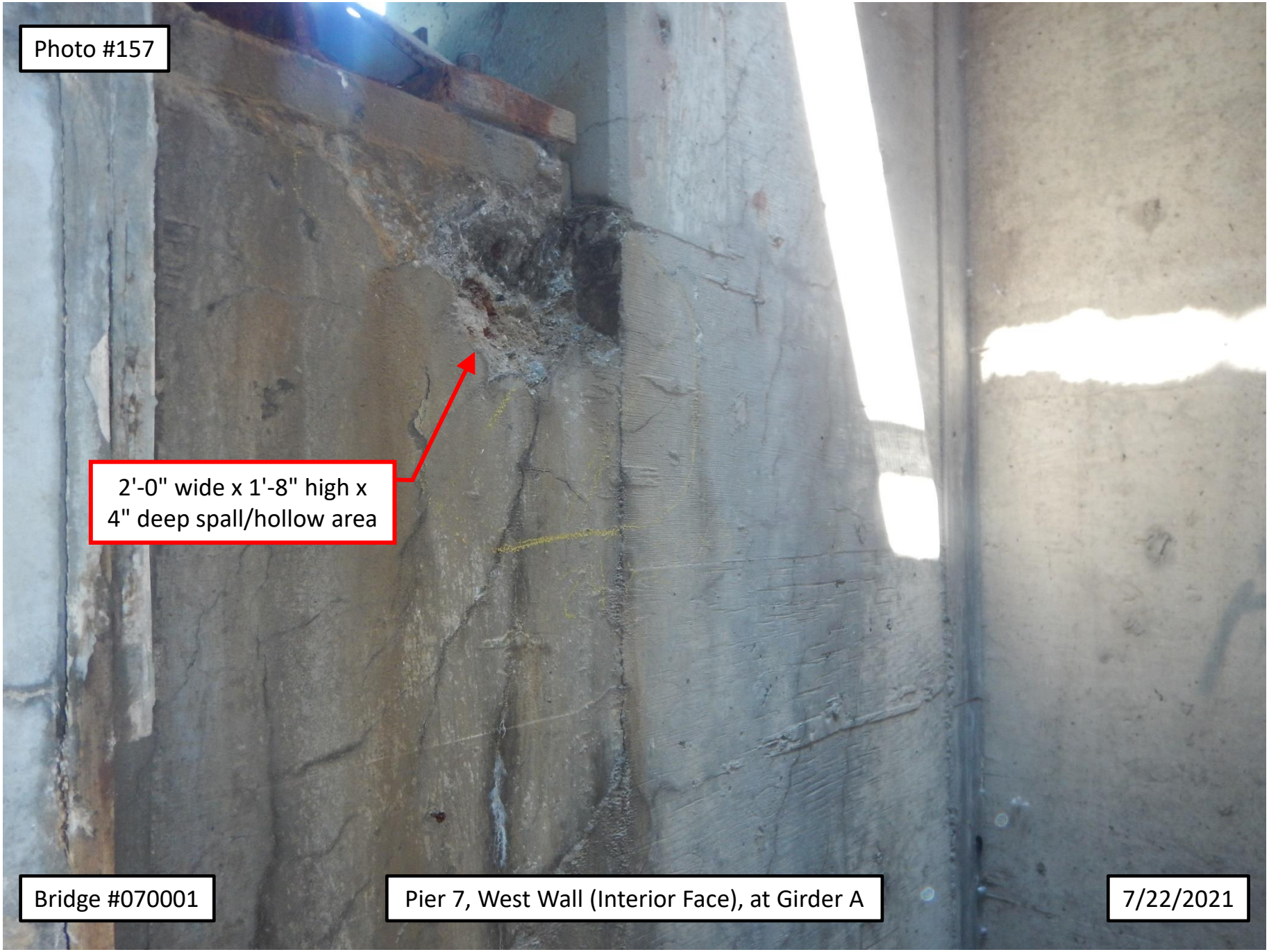
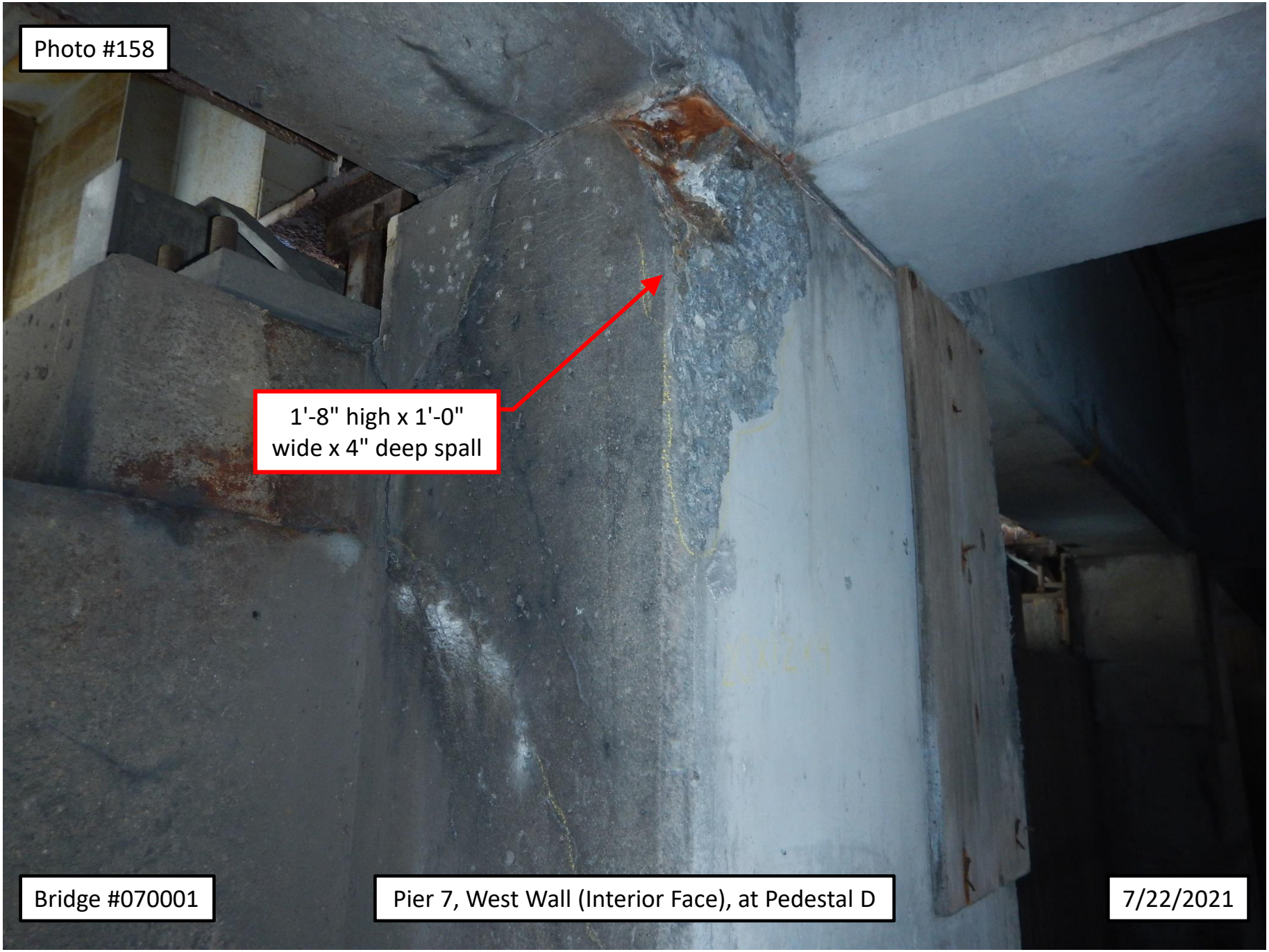
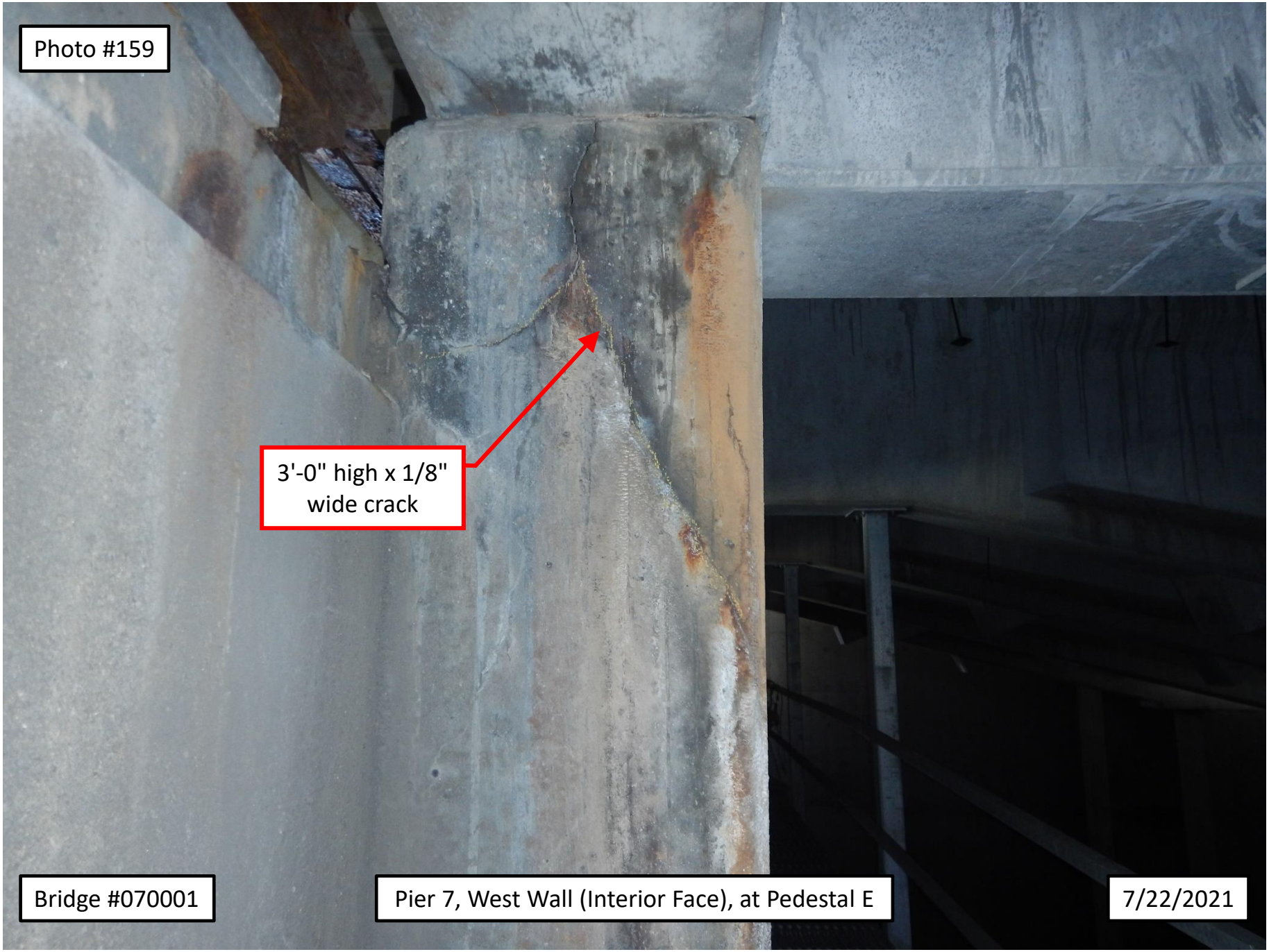
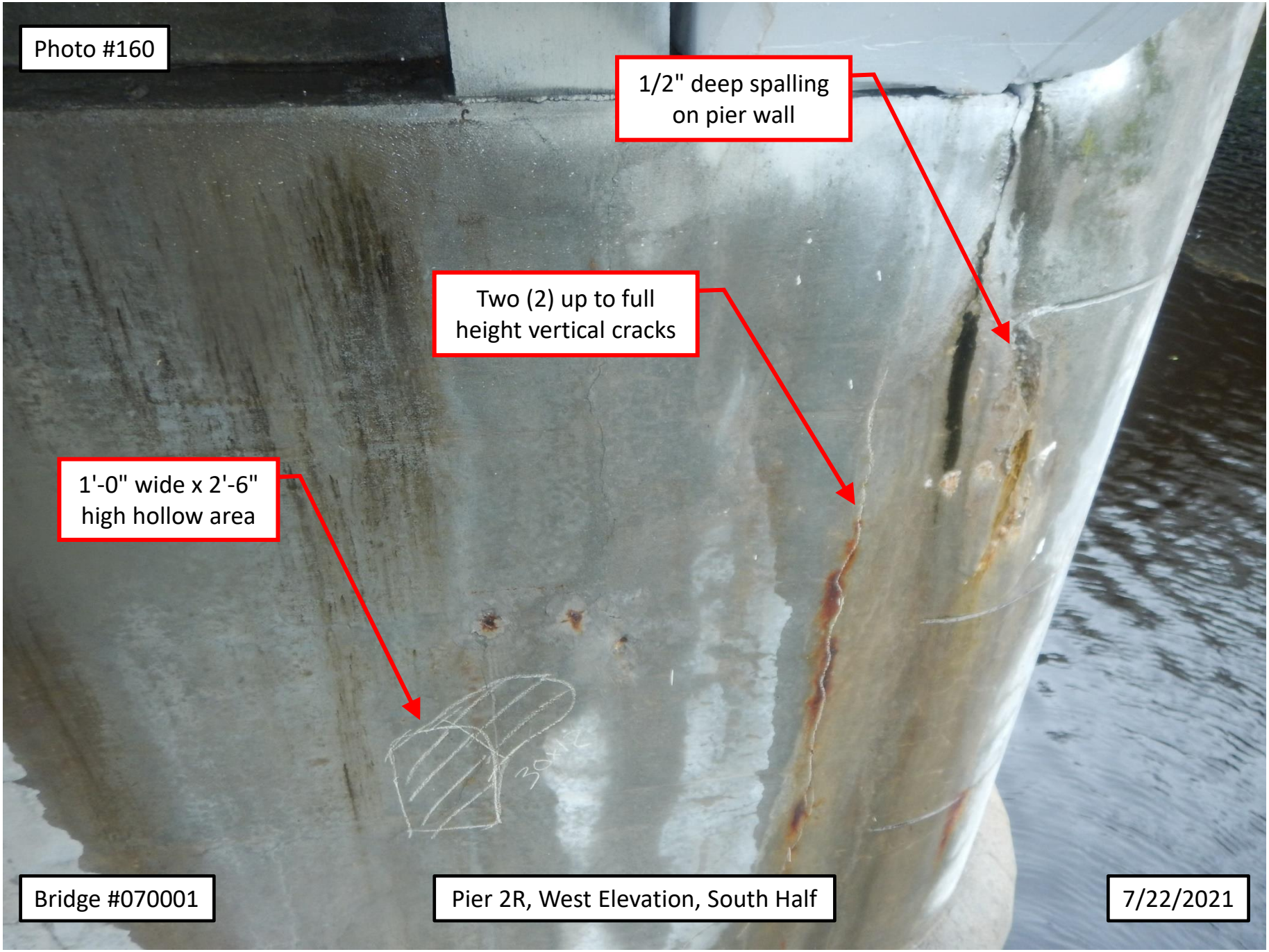

Photo #155
3'-6" long vertical crack open up to 1/8" wide and 8" wide x 3'-6" high hollow area
Bridge #070001
Pier 6, East Wall (Interior Face), Pedestal E
7/22/2021

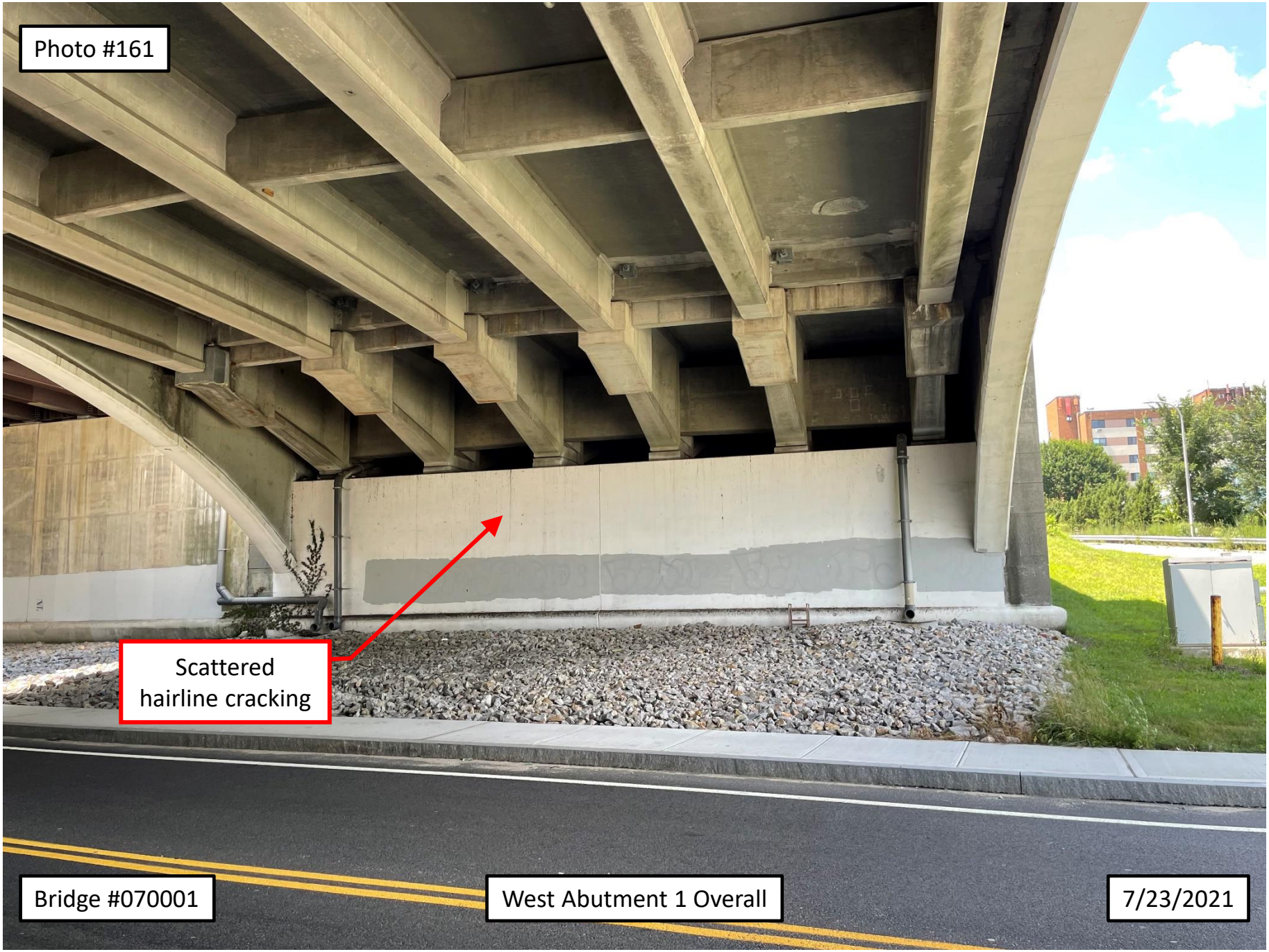

Photo #156
2'-0" wide x 7" high x 1/2" deep spall/hollow area
Bridge #070001
Pier 7, West Elevation, Pedestal G
7/7/2021

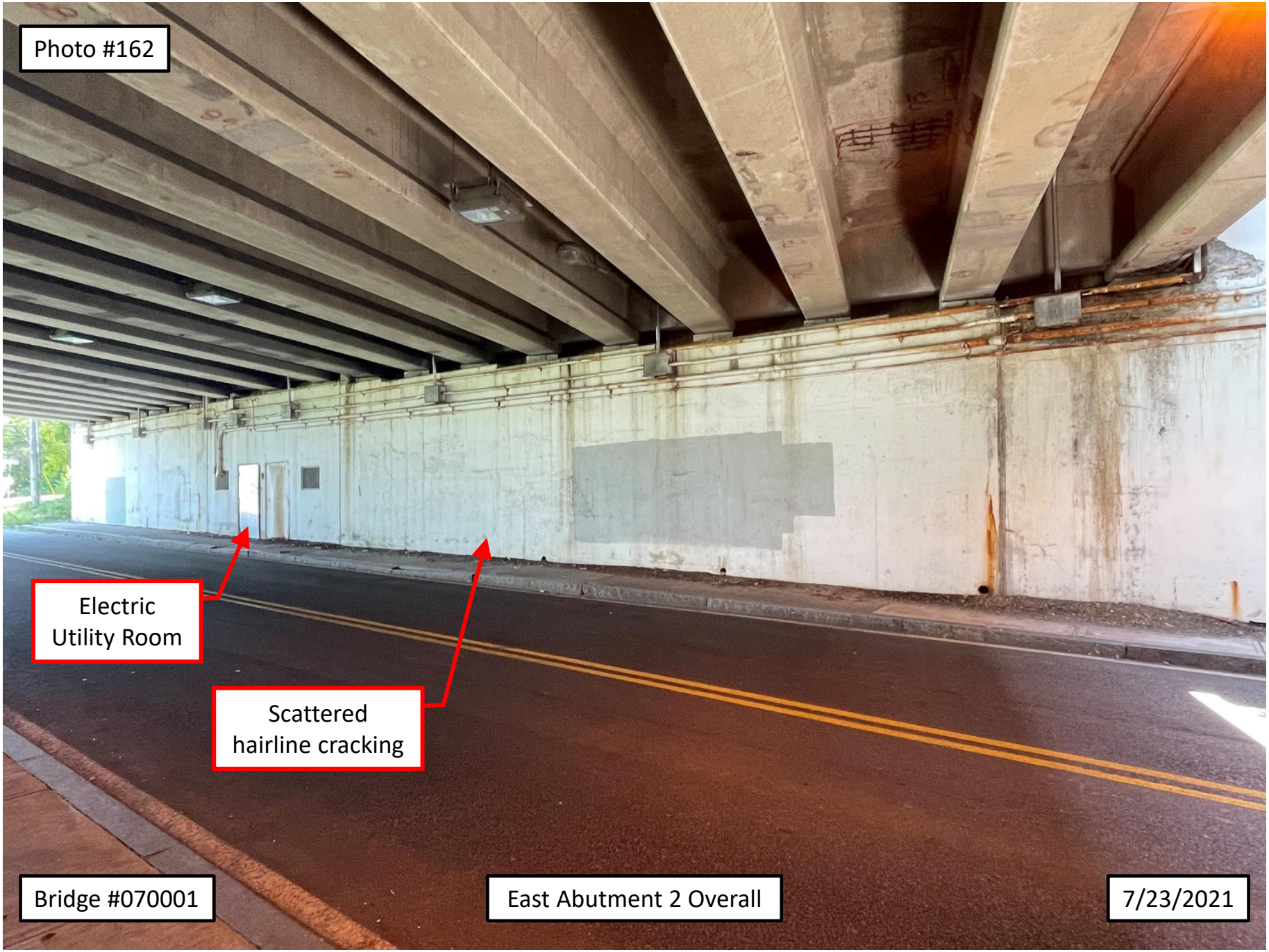

Photo #157
2'-0" wide x 1'-8" high x
4" deep spall/hollow area
Bridge #070001
Pier 7, West Wall (Interior Face), at Girder A
7/22/2021


Photo #158
1'-8" high x 1'-0" wide x 4" deep spall
Bridge #070001
Pier 7, West Wall (Interior Face), at Pedestal D
7/22/2021


Photo #159
3'-0" high x 1/8" wide crack
Bridge #070001
Pier 7, West Wall (Interior Face), at Pedestal E
7/22/2021


Photo #160
1/2" deep spalling on pier wall
Two (2) up to full height vertical cracks
1'-0" wide x 2'-6" high hollow area
Bridge #070001
Pier 2R, West Elevation, South Half
7/22/2021


Photo #161
Scattered hairline cracking
Bridge #070001
West Abutment 1 Overall
7/23/2021


Photo #162
Electric Utility Room
Scattered hairline cracking
Bridge #070001
East Abutment 2 Overall
7/23/2021

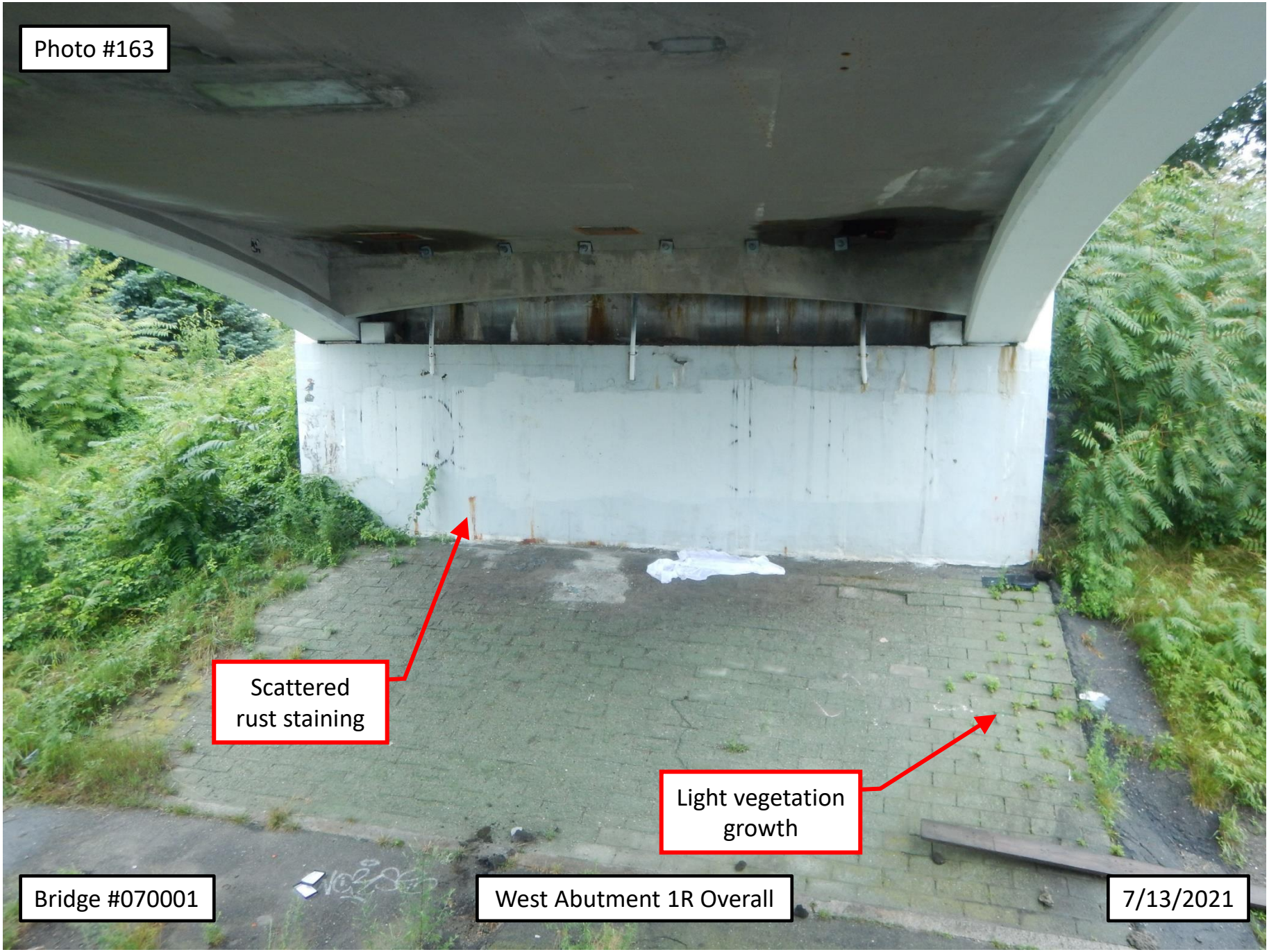
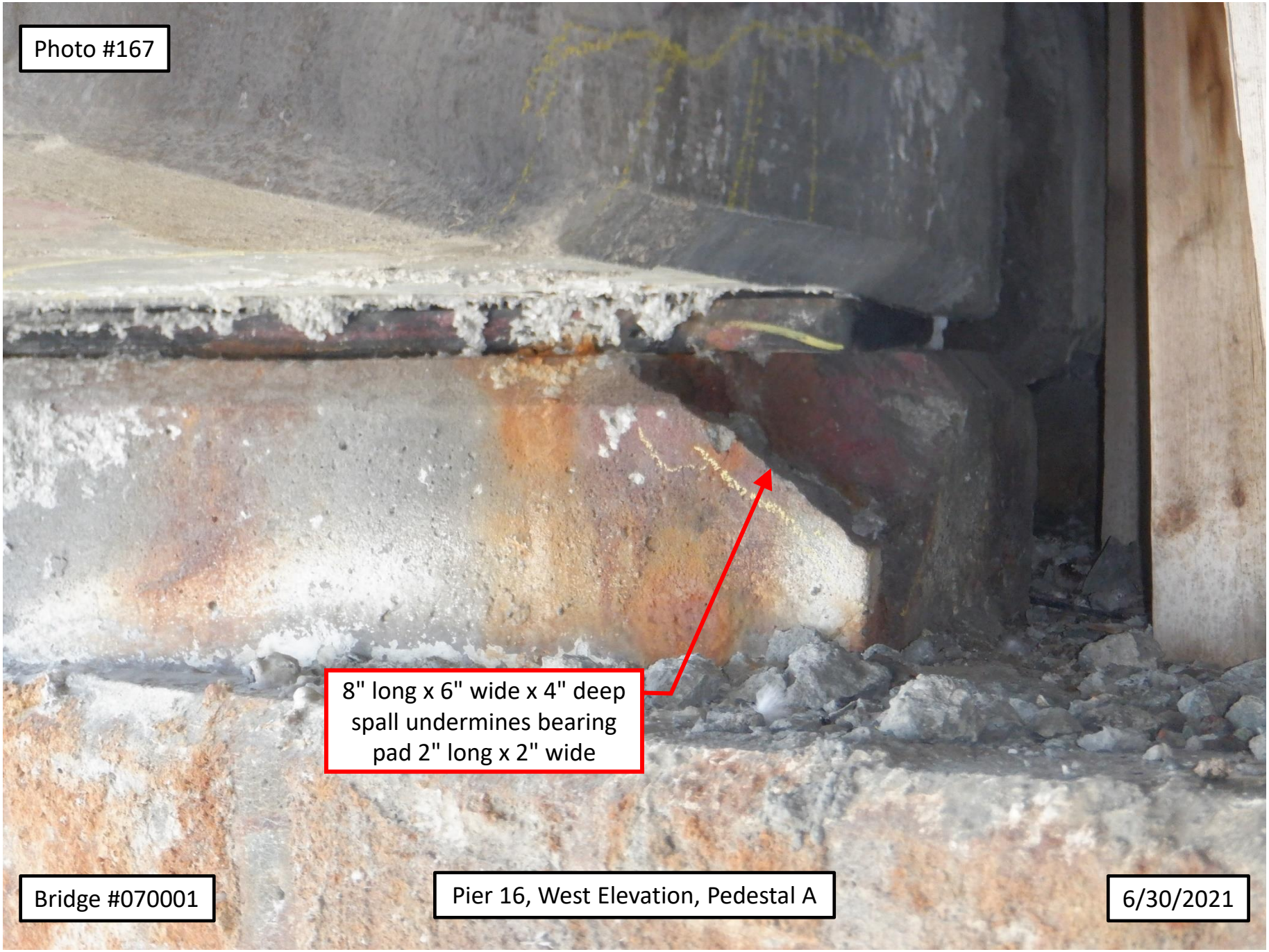
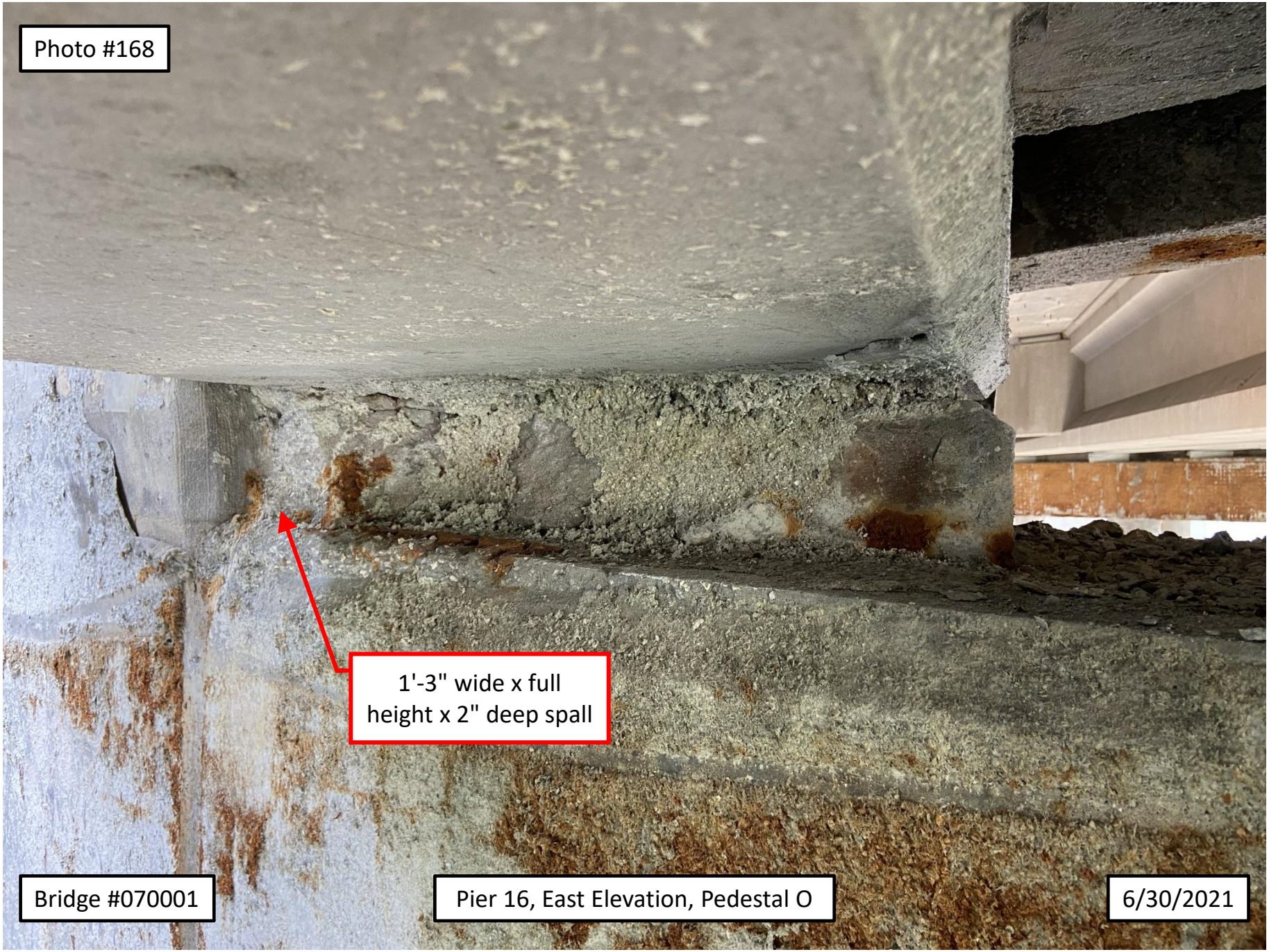

Photo #163
Scattered rust staining
Light vegetation growth
Bridge #070001
West Abutment 1R Overall
7/13/2021


Photo #164
C
1/16"
2'-0" long x
1/16" wide crack
Bridge #070001
East Abutment 2, below Girder C
6/28/2021


Photo #165
4'-7" high x full width x 5" deep spall with exposed rebar, with a 1'-10" H x full width x 10" deep portion behind the conduit that is loose and unable to be removed
Bridge #070001
East Abutment 2, below Bay G
6/28/2021


Photo #166
Heavy cracking and efflorescence to curtain wall
Bridge #070001
East Abutment 2, below Bay J
6/28/2021


Photo #167
8" long x 6" wide x 4" deep spall undermines bearing pad 2" long x 2" wide
Bridge #070001
Pier 16, West Elevation, Pedestal A
6/30/2021


Photo #168
1'-3" wide x full height x 2" deep spall
Bridge #070001
Pier 16, East Elevation, Pedestal O
6/30/2021

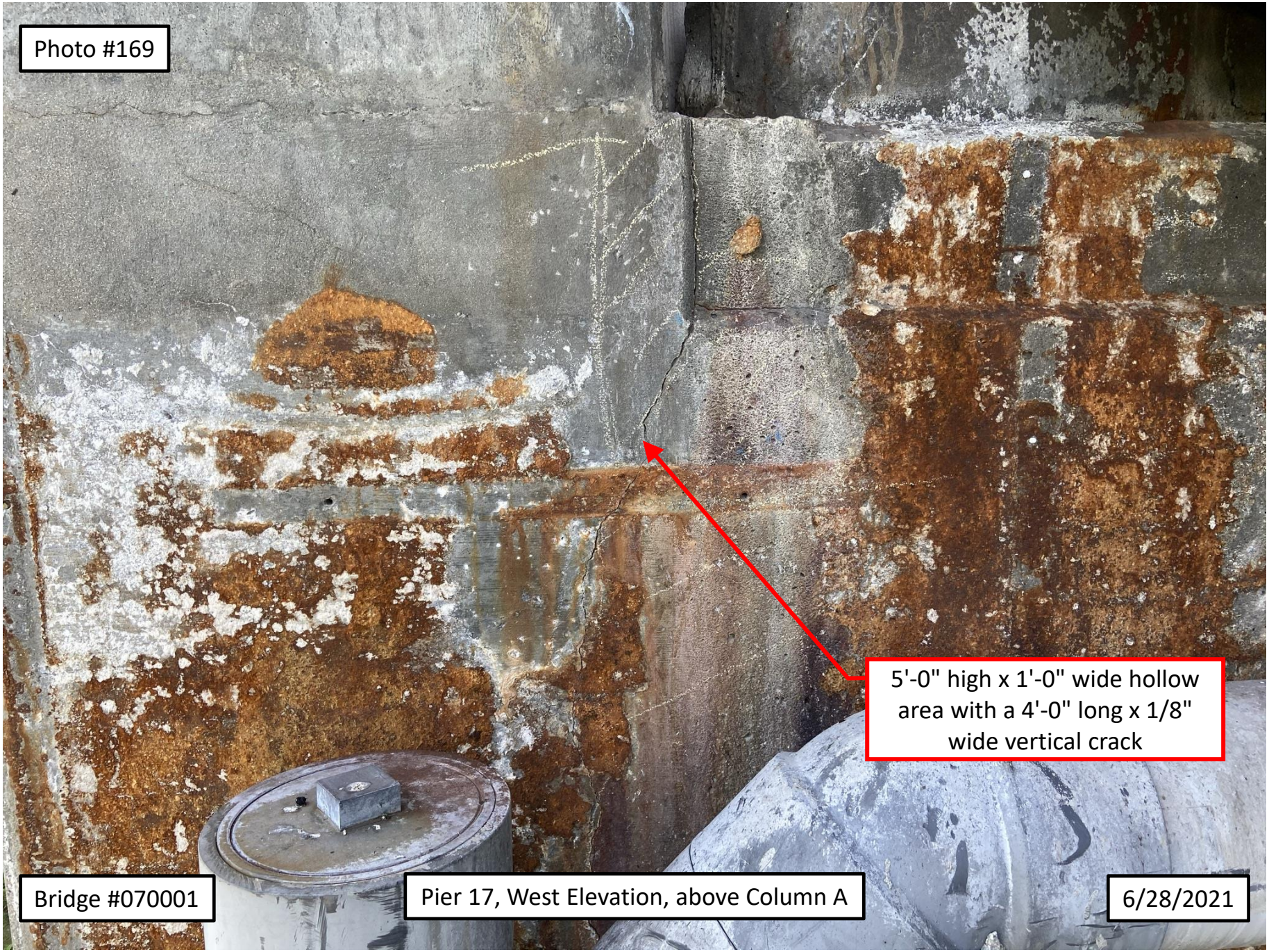
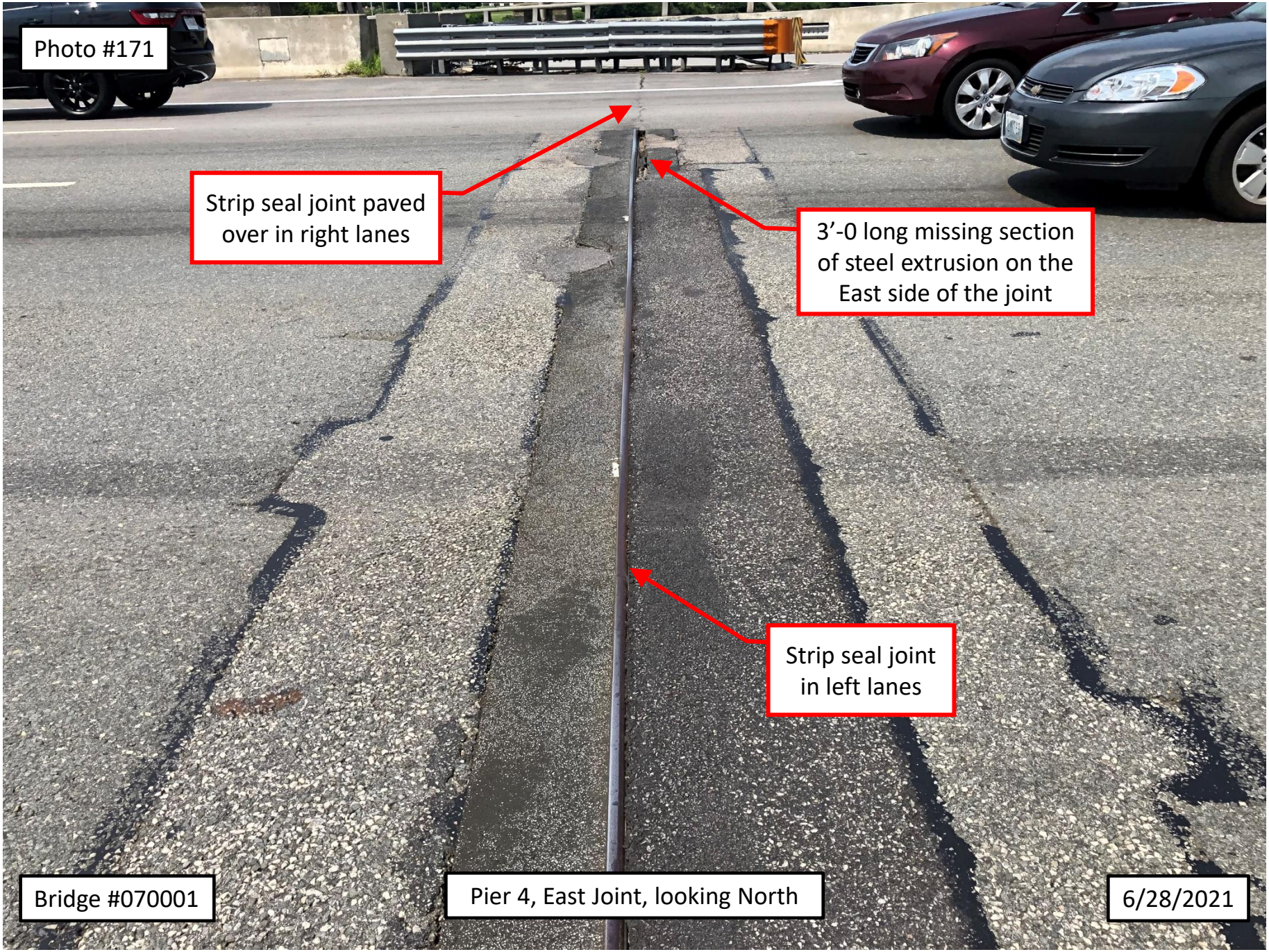
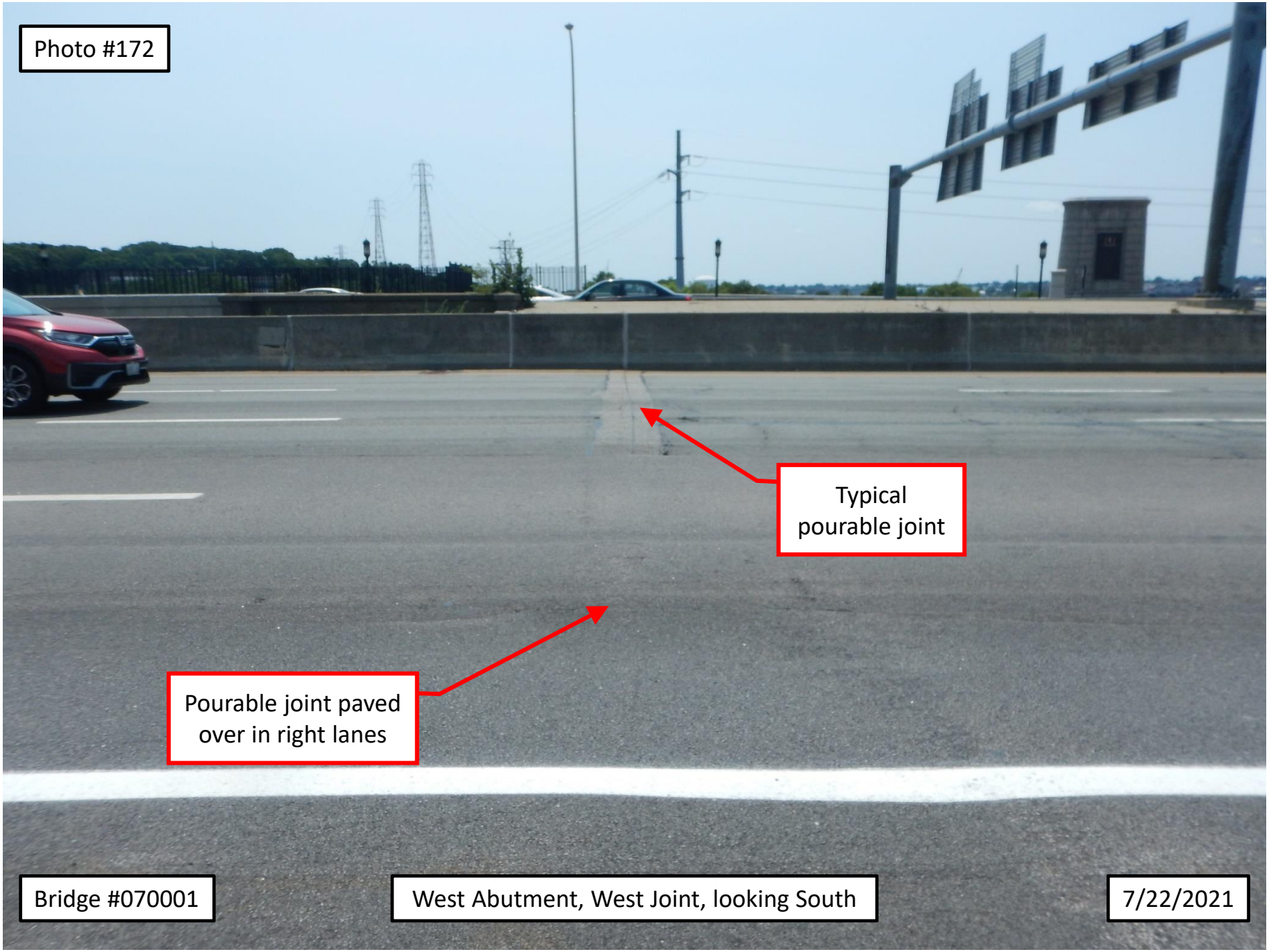

Photo #169
5'-0" high x 1'-0" wide hollow area with a 4'-0" long x 1/8" wide vertical crack
Bridge #070001
Pier 17, West Elevation, above Column A
6/28/2021


Photo #170
1'-4" long x full height x 3" deep spall on west face of pedestal extends 10" onto north face and undermines bearing 1'-0" wide x 3" deep
Bridge #070001
Pier 17, West Elevation, Pedestal O
6/28/2021


Photo #171
Strip seal joint paved over in right lanes
3’-0 long missing section of steel extrusion on the East side of the joint
Strip seal joint in left lanes
Bridge #070001
Pier 4, East Joint, looking North
6/28/2021


Photo #172
Typical pourable joint
Pourable joint paved over in right lanes
Bridge #070001
West Abutment, West Joint, looking South
7/22/2021

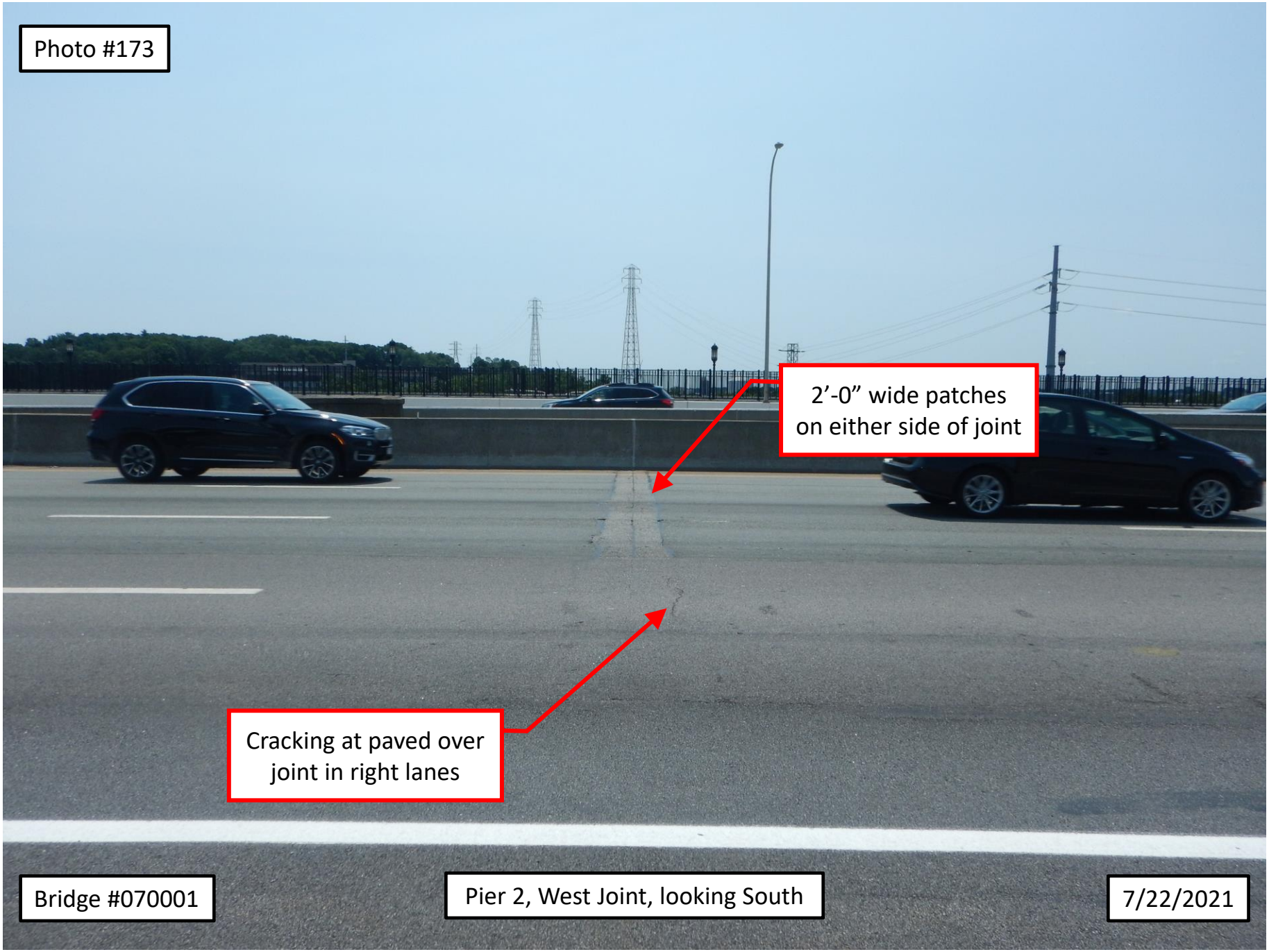
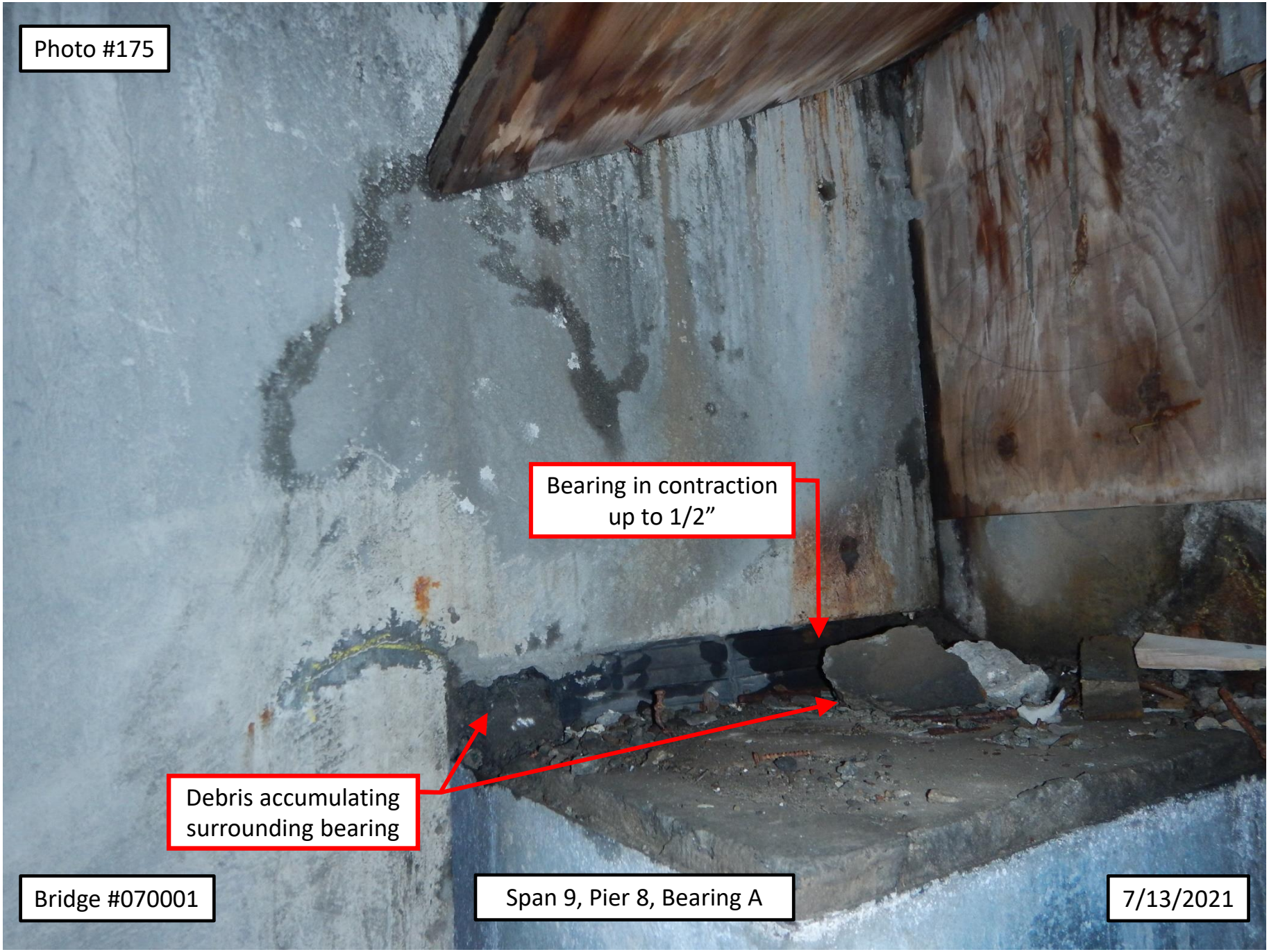
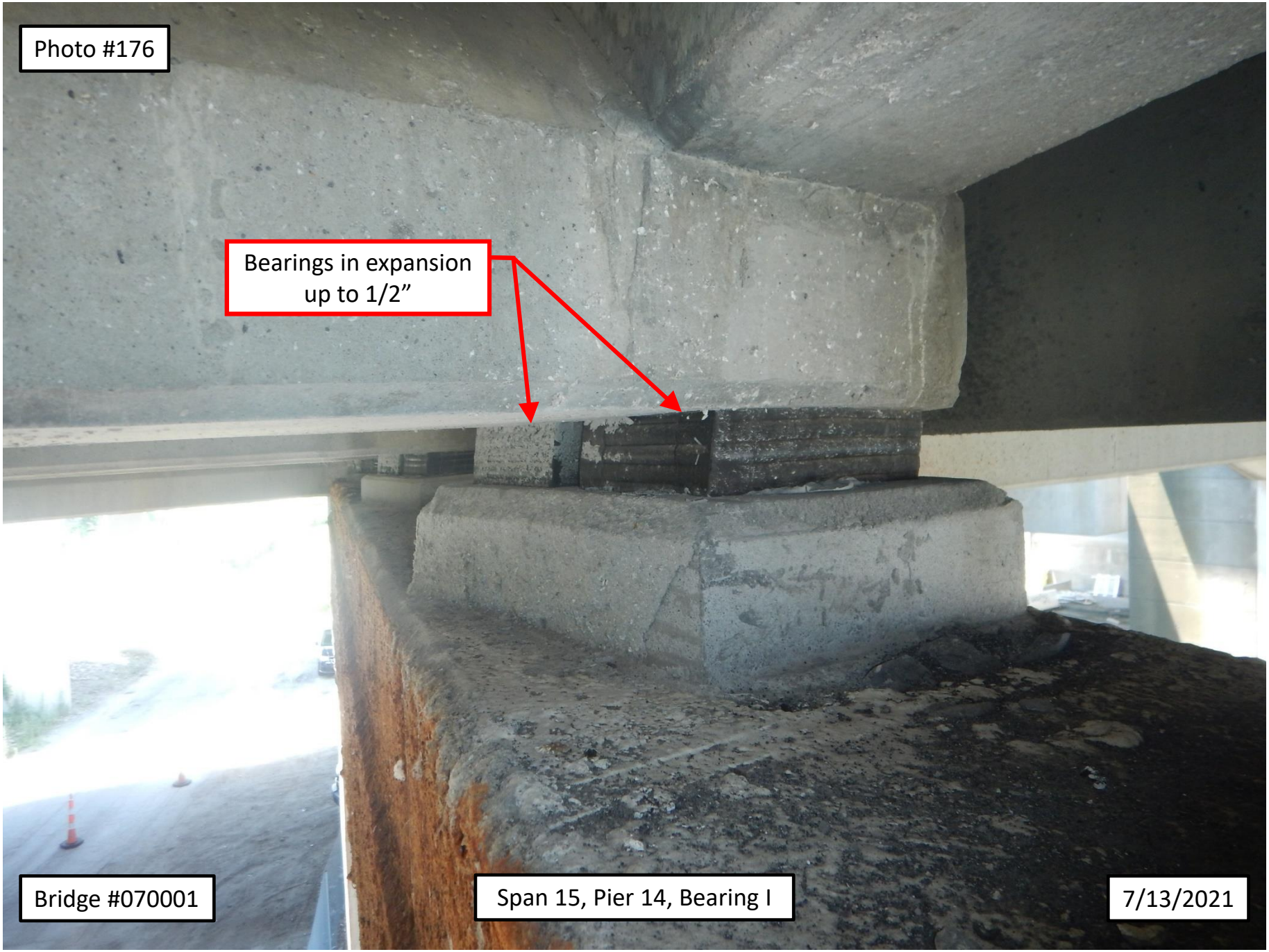
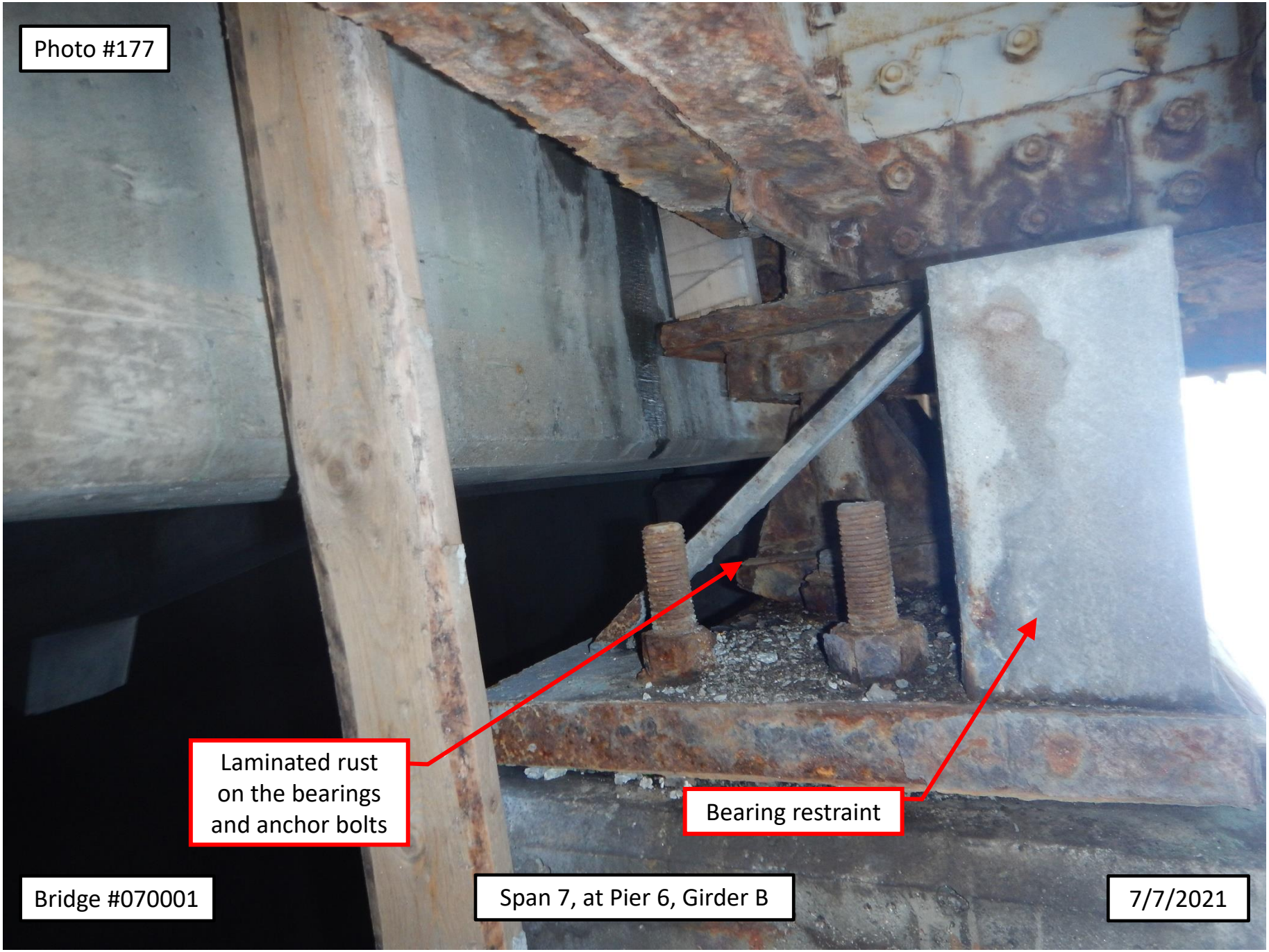
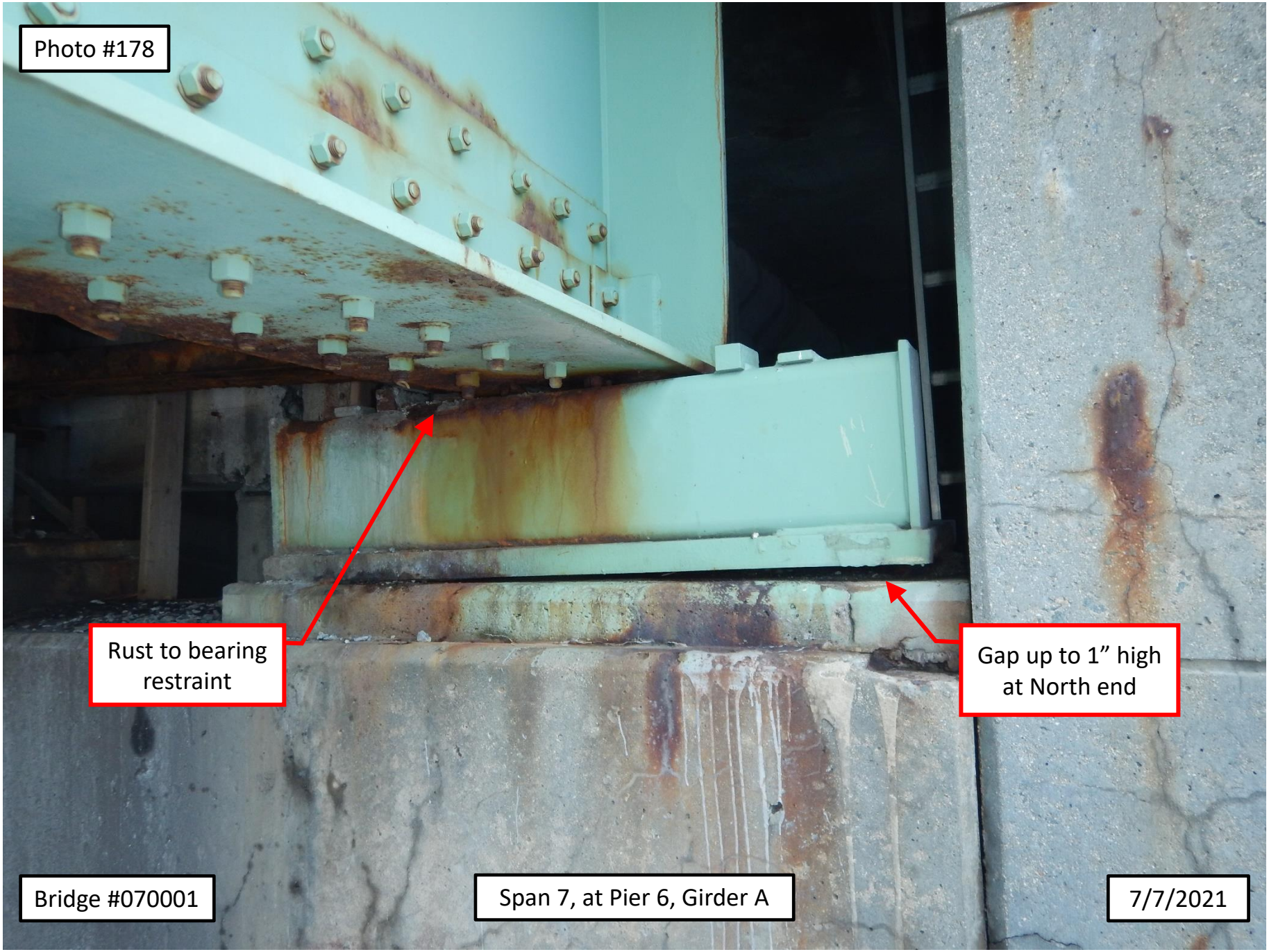

Photo #173
2’-0” wide patches on either side of joint
Cracking at paved over joint in right lanes
Bridge #070001
Pier 2, West Joint, looking South
7/22/2021

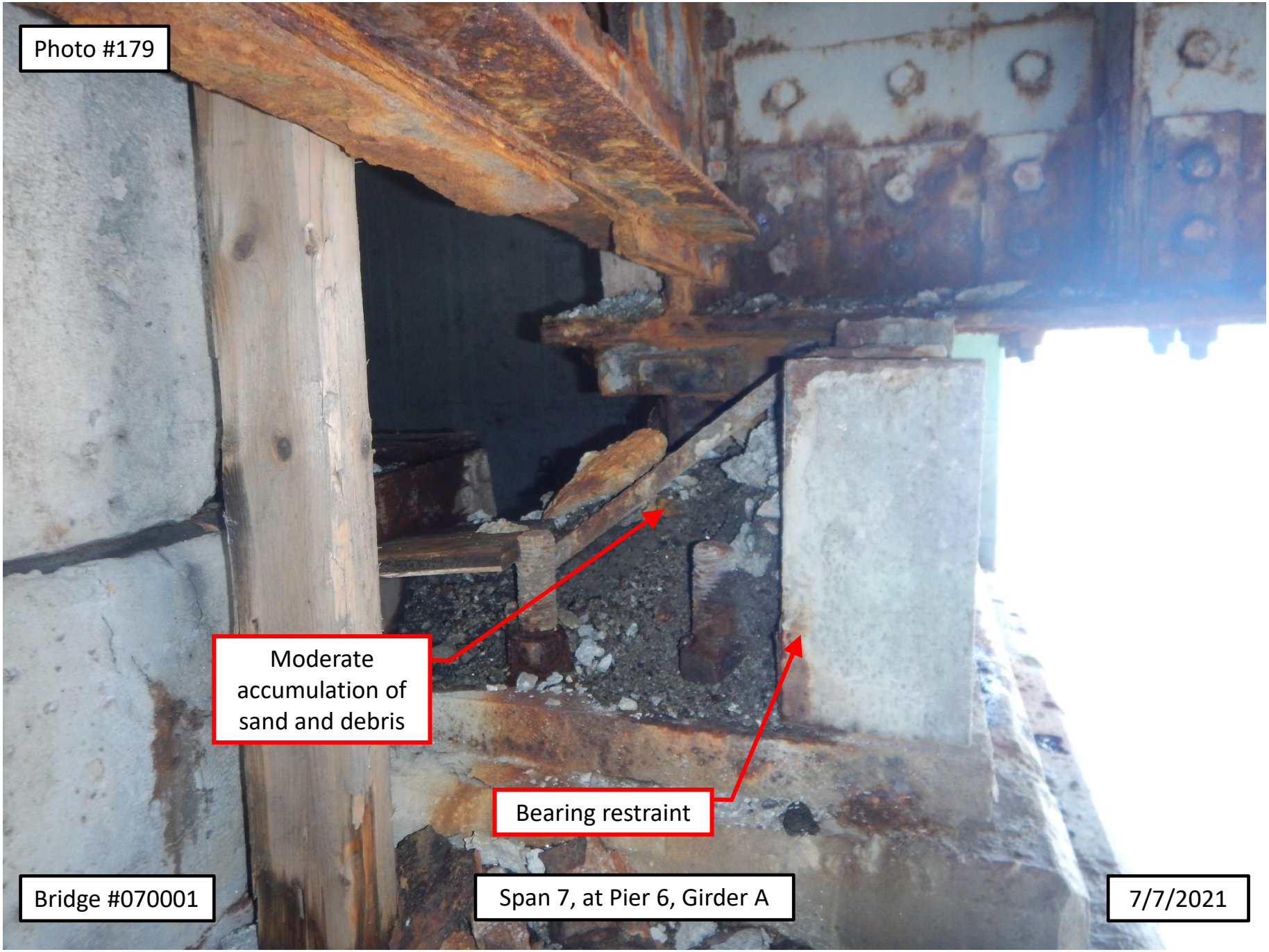

Photo #174
Bearing pad compressed and overhanging pedestal
Bridge #070001
West Abutment, Bearing D
7/13/2021

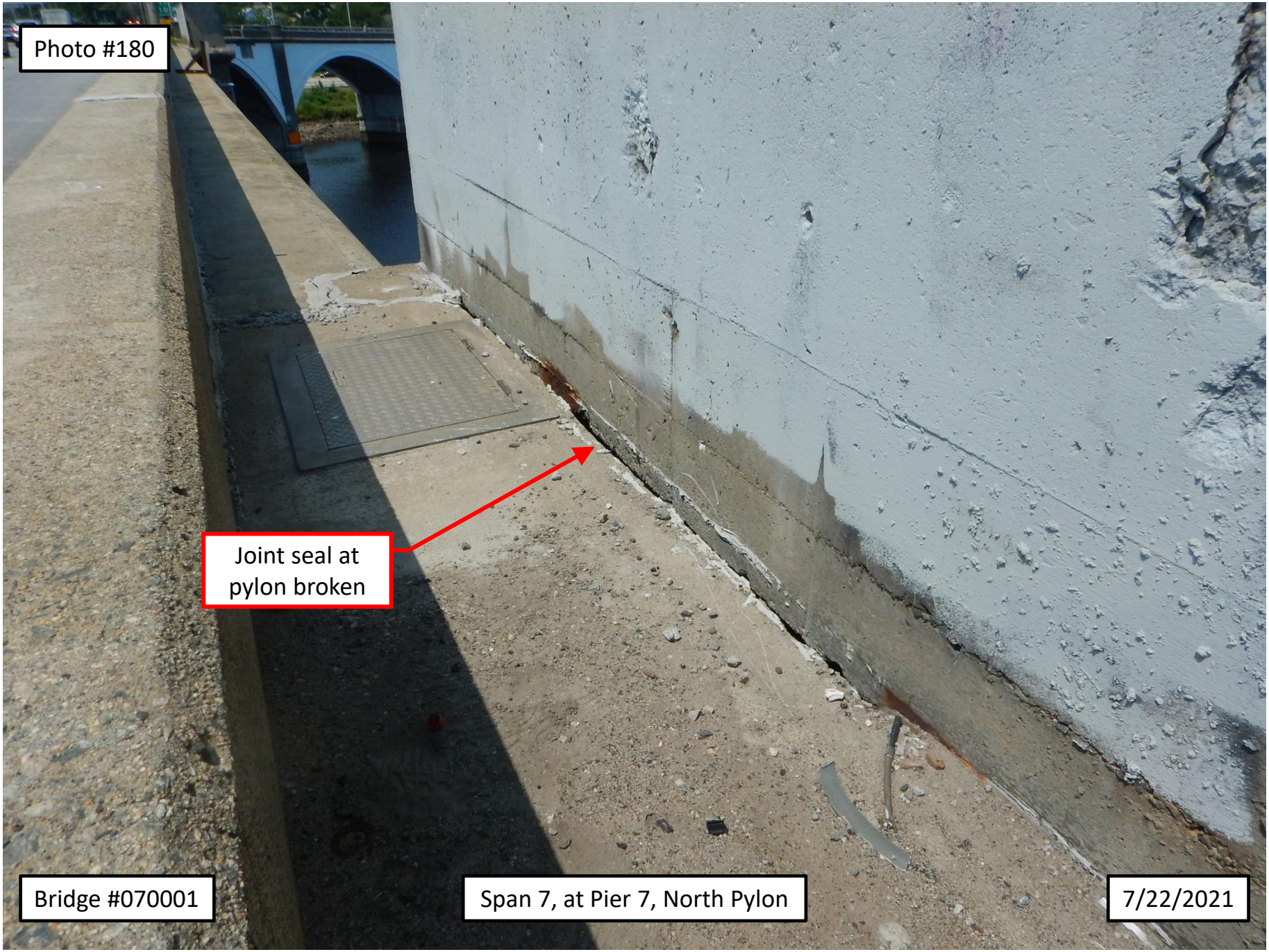

Photo #175
Bearing in contraction up to 1/2”
Debris accumulating surrounding bearing
Bridge #070001
Span 9, Pier 8, Bearing A
7/13/2021

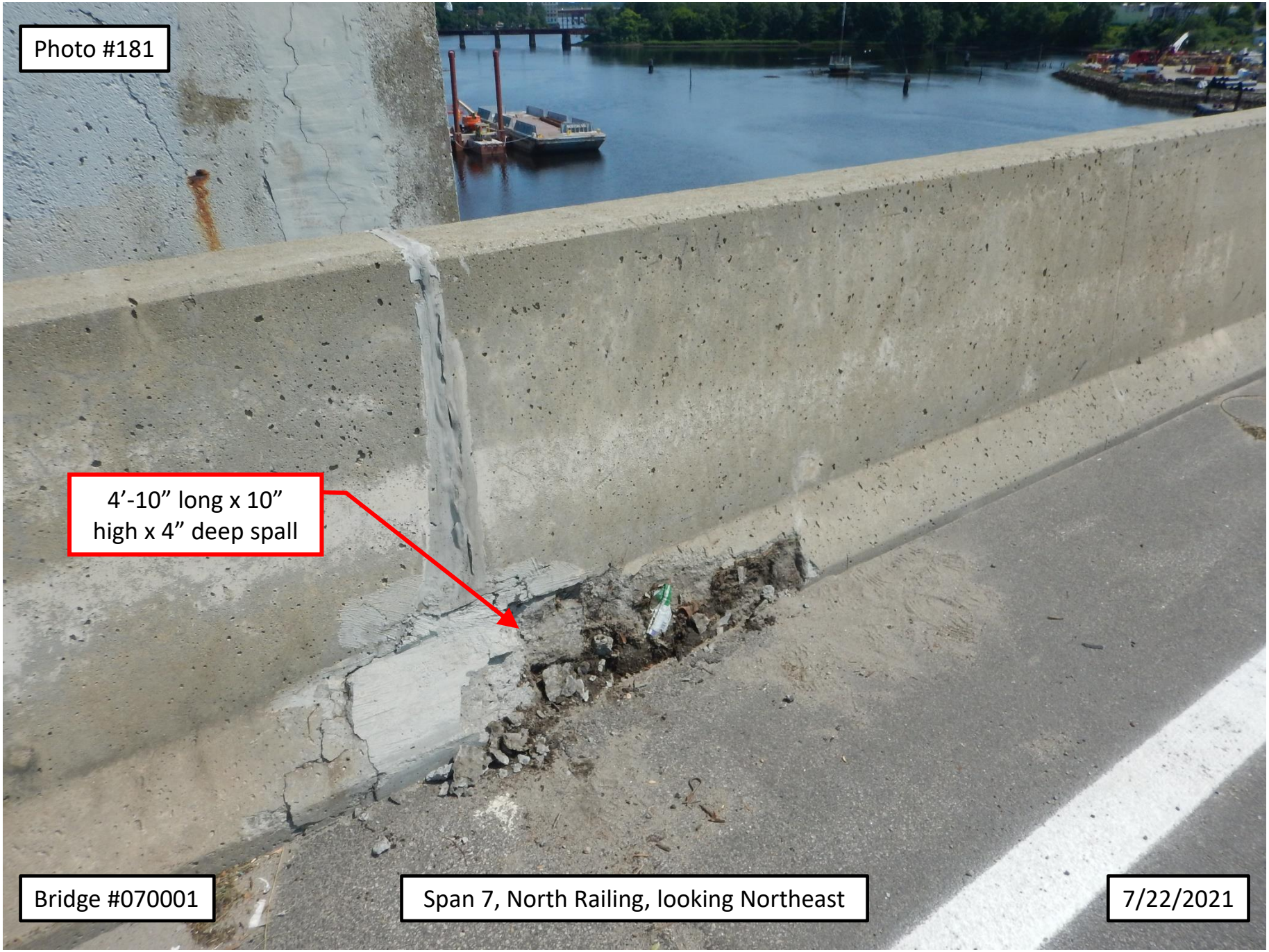

Photo #176
Bearings in expansion up to 1/2”
Bridge #070001
Span 15, Pier 14, Bearing I
7/13/2021

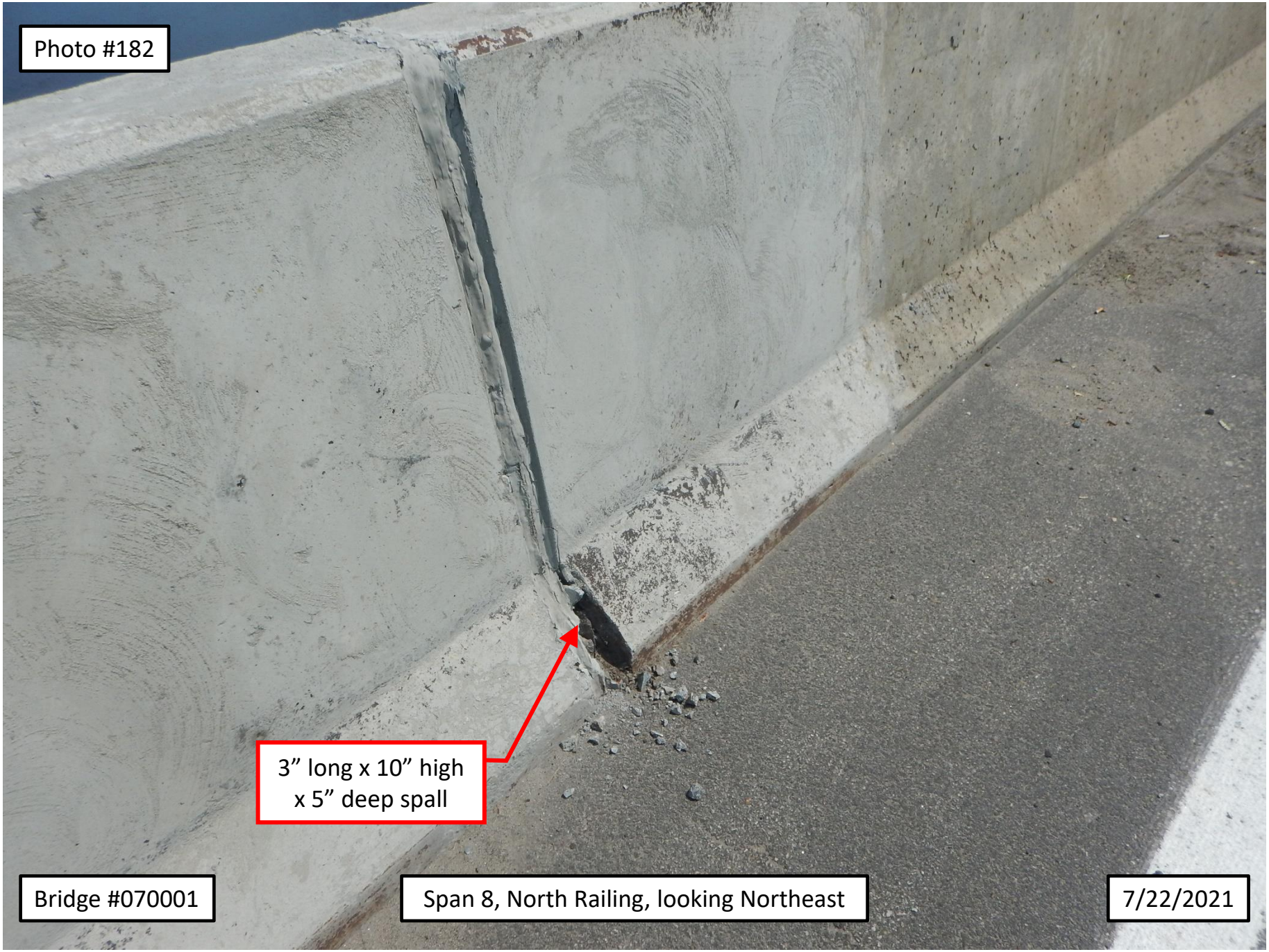

Photo #177
Laminated rust on the bearings and anchor bolts
Bearing restraint
Bridge #070001
Span 7, at Pier 6, Girder B
7/7/2021

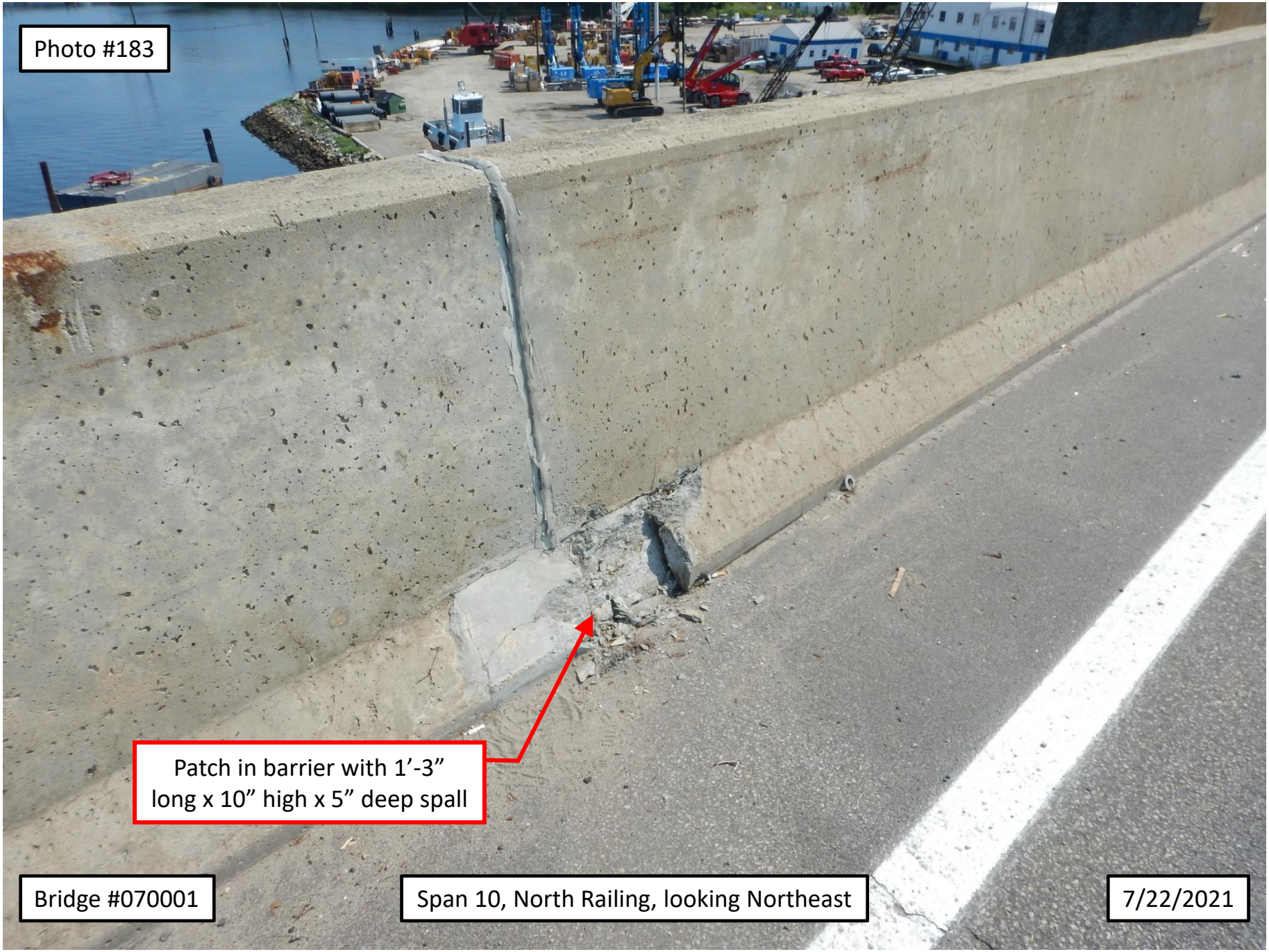

Photo #178
Rust to bearing restraint
Gap up to 1” high at North end
Bridge #070001
Span 7, at Pier 6, Girder A
7/7/2021


Photo #179
Moderate accumulation of sand and debris
Bearing restraint
Bridge #070001
Span 7, at Pier 6, Girder A
7/7/2021


Photo #180
Joint seal at pylon broken
Bridge #070001
Span 7, at Pier 7, North Pylon
7/22/2021


Photo #181
4’-10” long x 10” high x 4” deep spall
Bridge #070001
Span 7, North Railing, looking Northeast
7/22/2021


Photo #182
3” long x 10” high
x 5” deep spall
Bridge #070001
Span 8, North Railing, looking Northeast
7/22/2021


Photo #183
Patch in barrier with 1’-3” long x 10” high x 5” deep spall
Bridge #070001
Span 10, North Railing, looking Northeast
7/22/2021

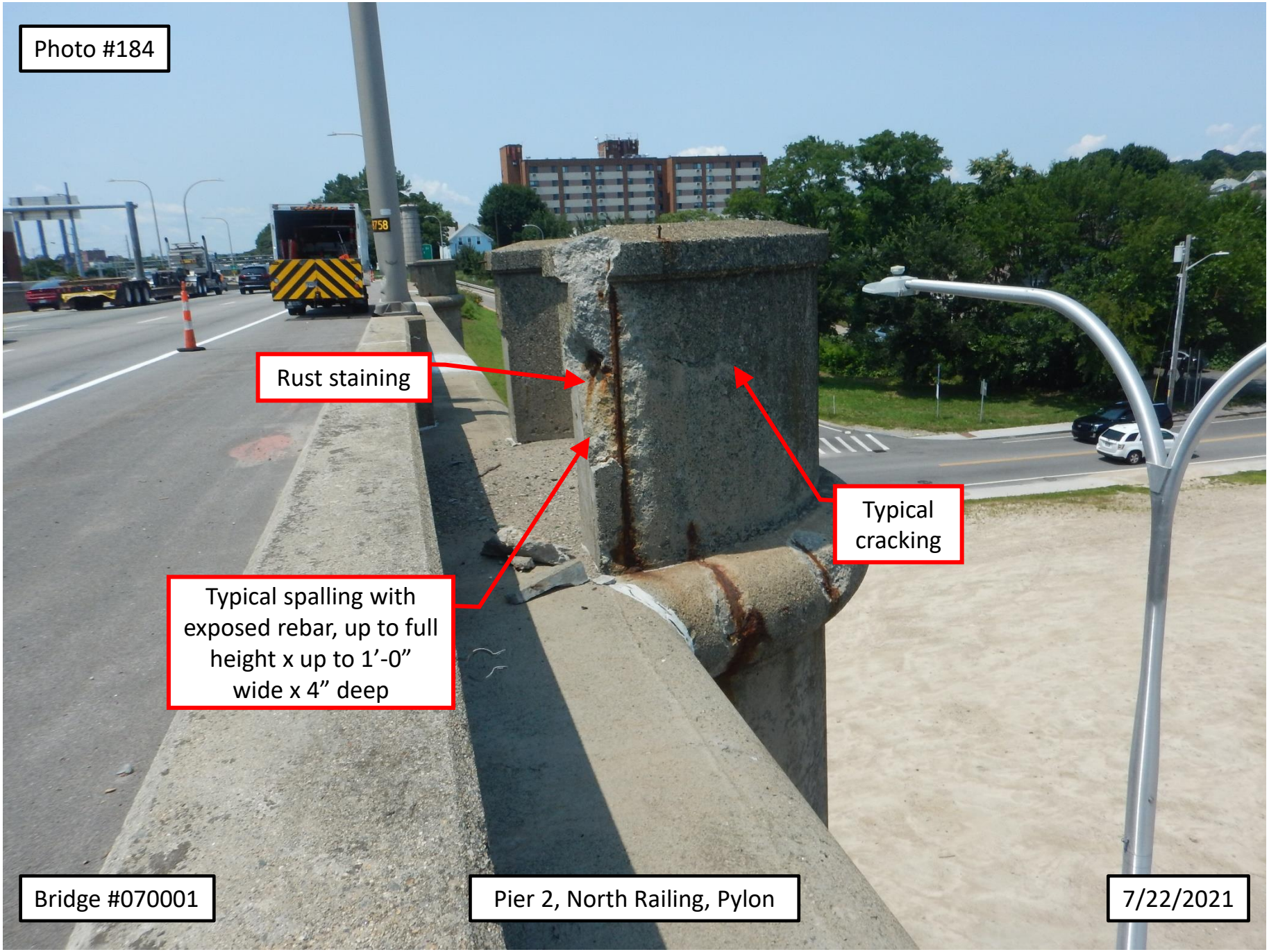
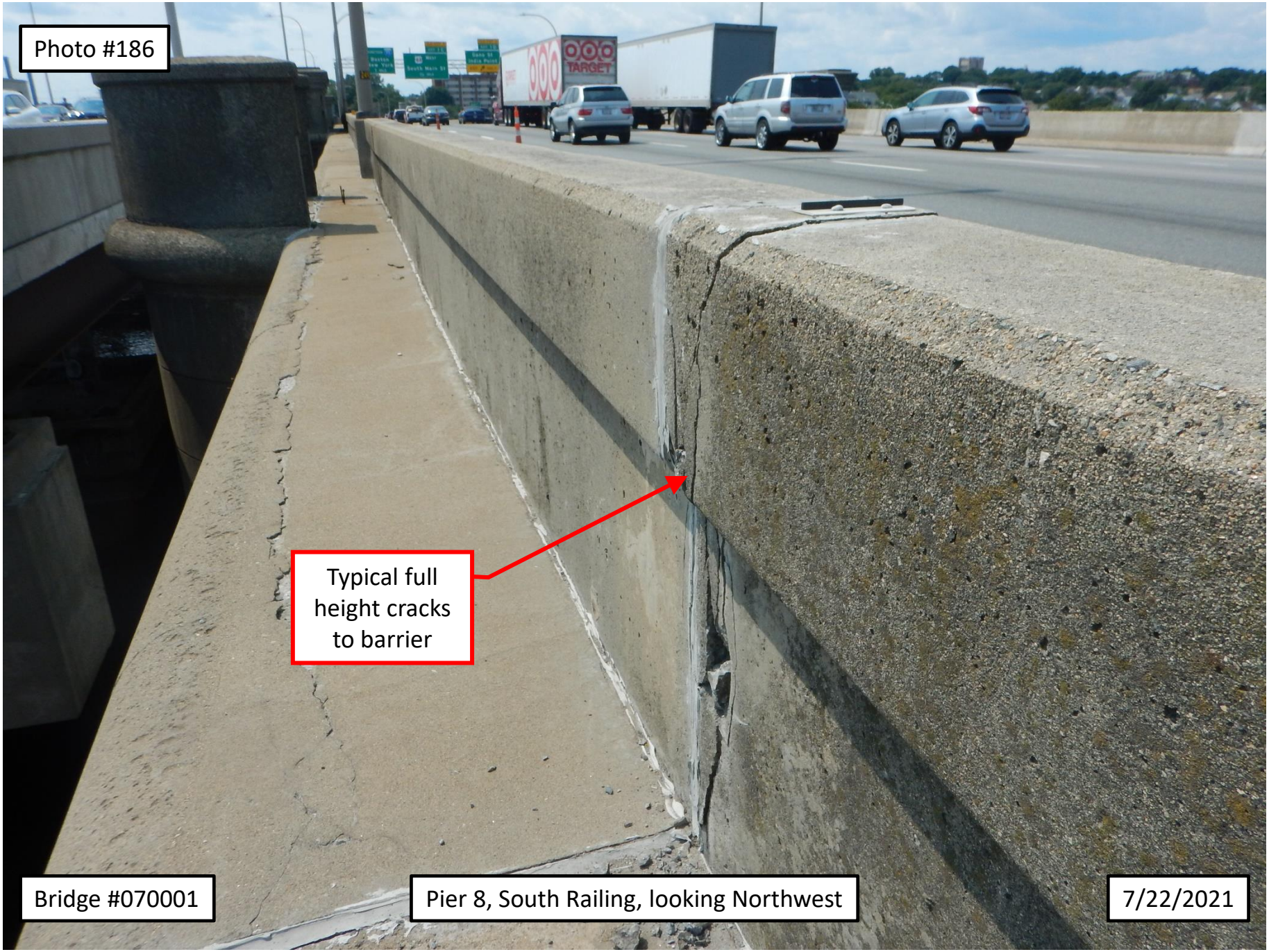
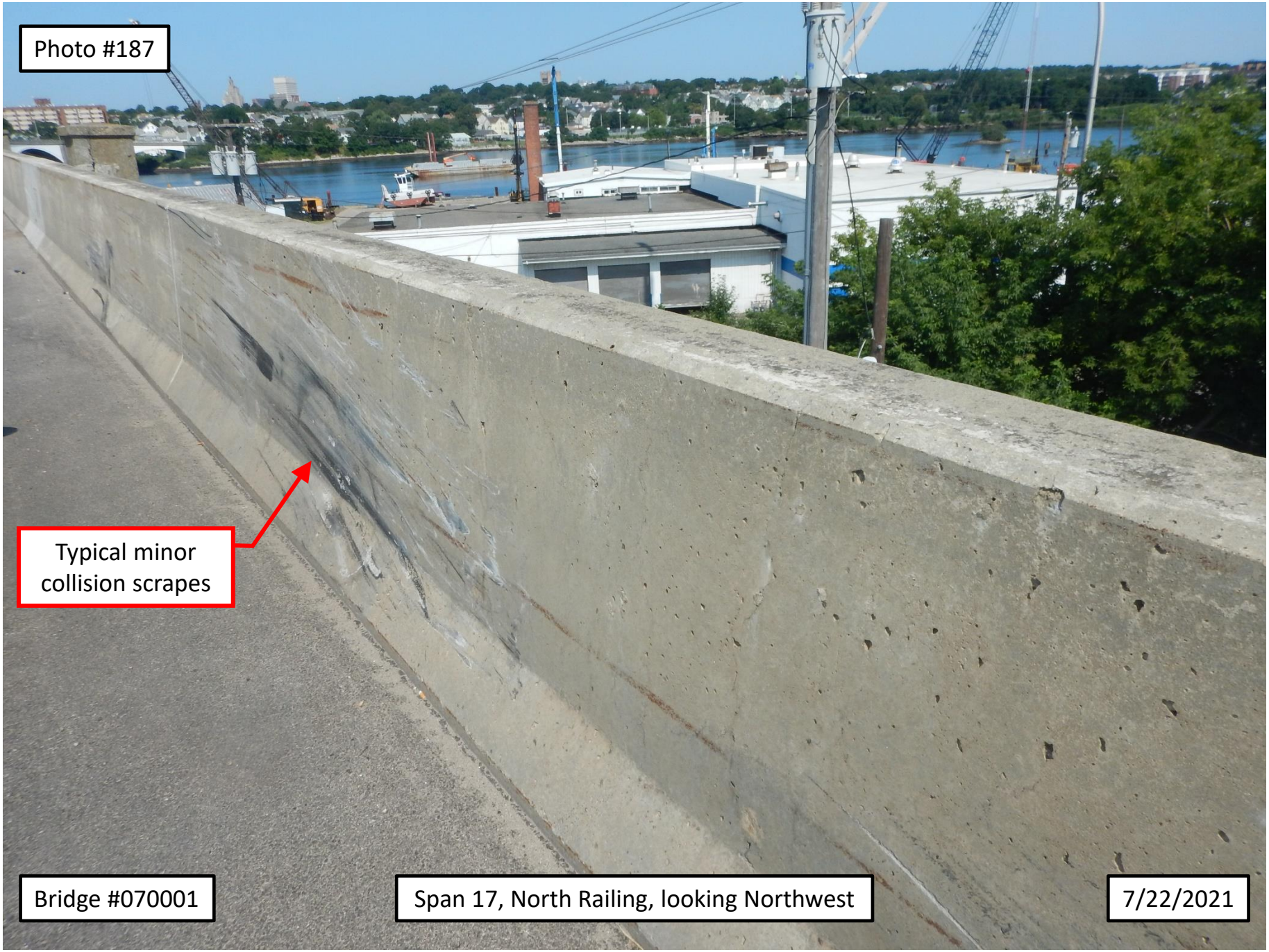
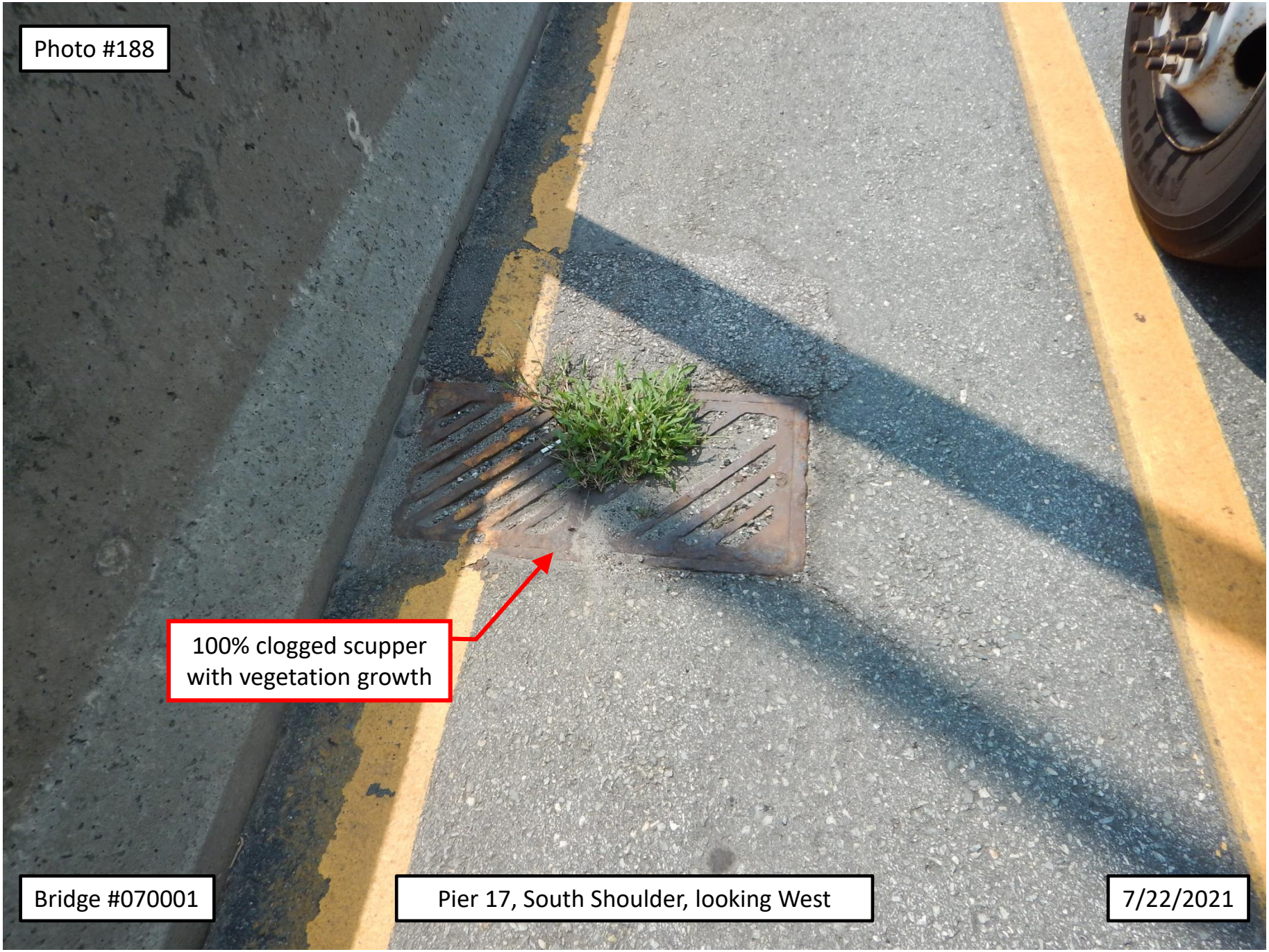
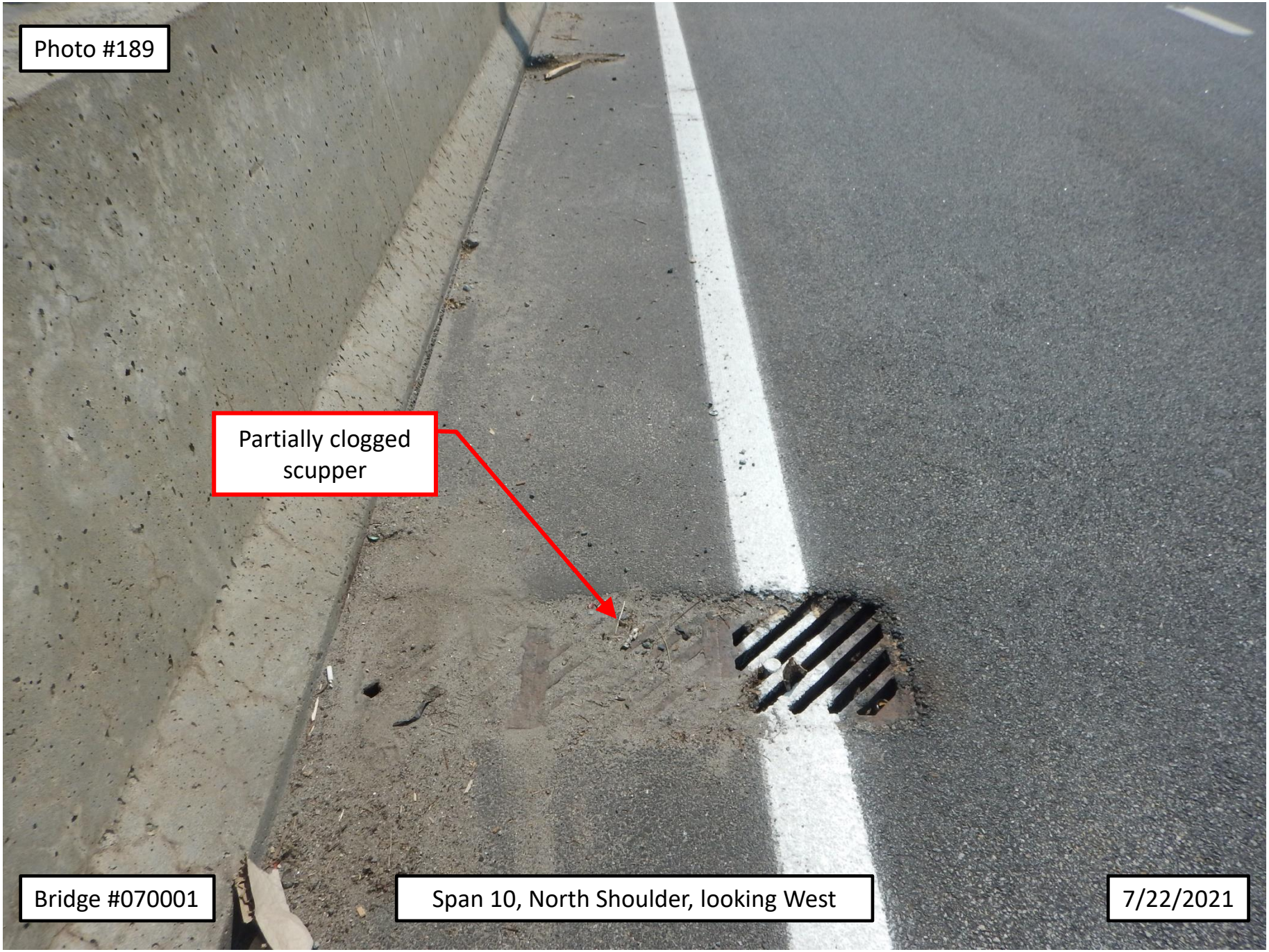

Photo #184
Rust staining
Typical cracking
Typical spalling with exposed rebar, up to full height x up to 1’-0” wide x 4” deep
Bridge #070001
Pier 2, North Railing, Pylon
7/22/2021

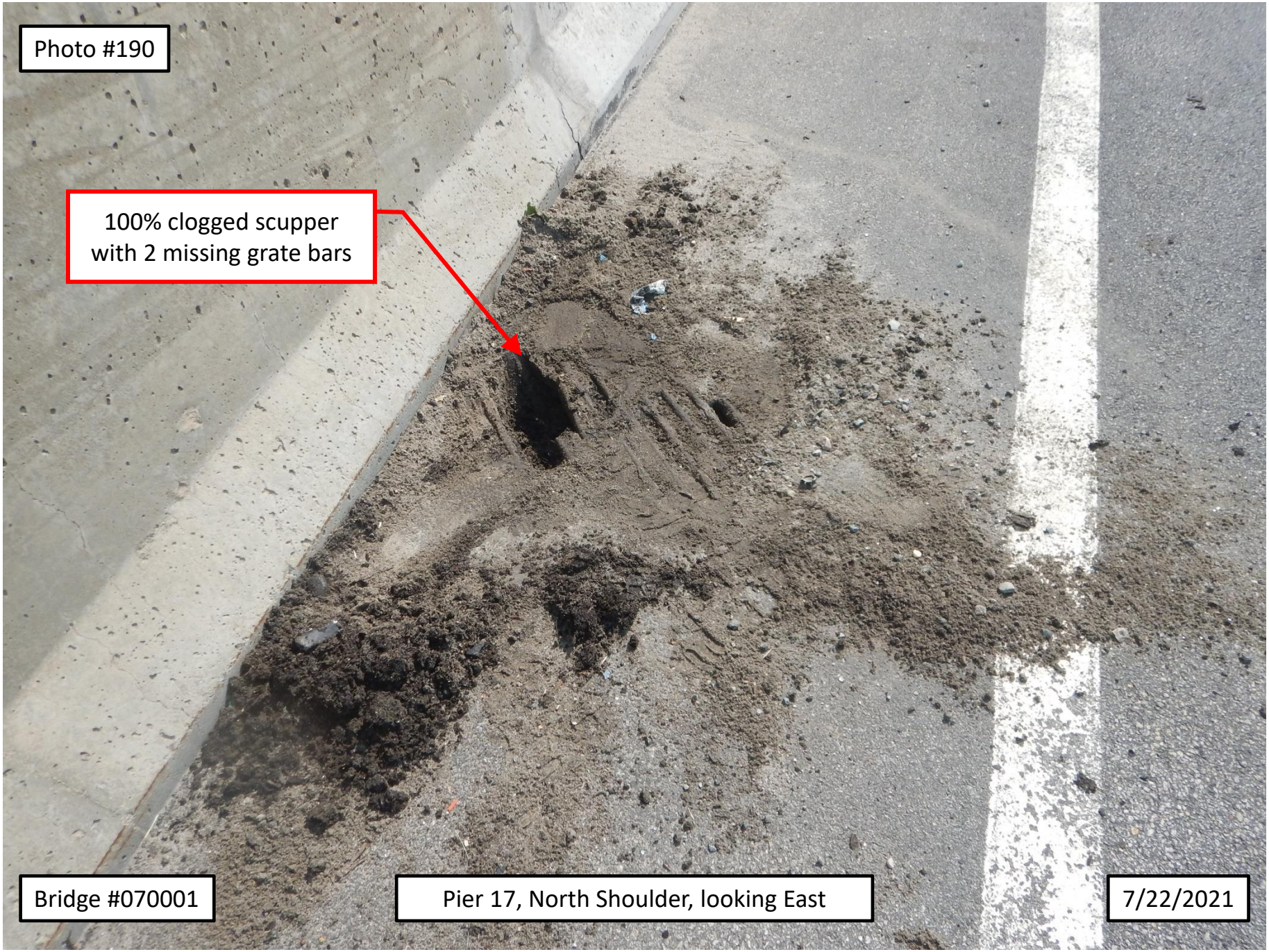

Photo #185
Typical spalling with exposed rebar, up to full height x up to 1’-11” wide x 4” deep
Rust staining
Bridge #070001
Pier 15, North Railing, Pylon
7/22/2021

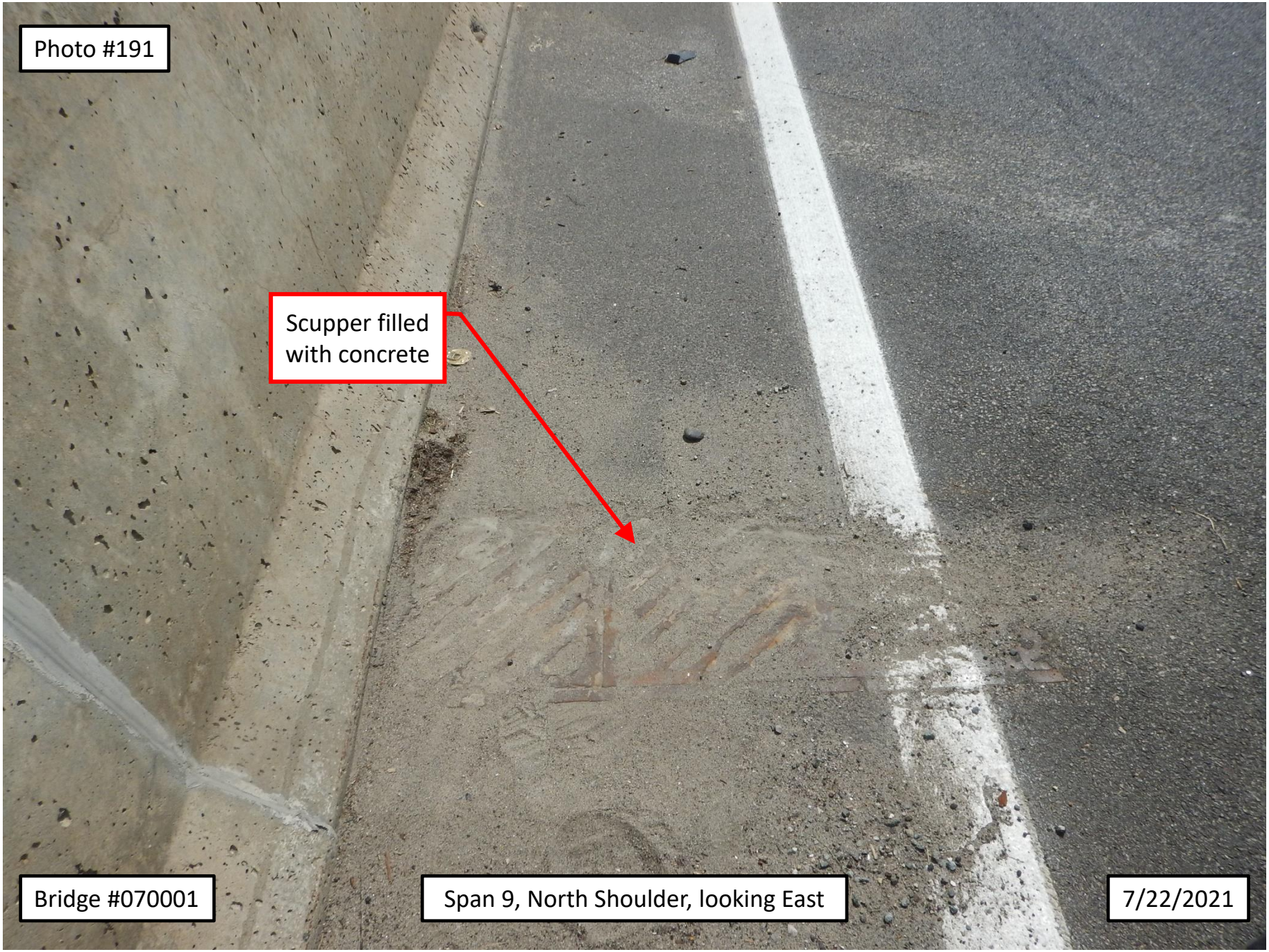

Photo #186
Typical full height cracks to barrier
Bridge #070001
Pier 8, South Railing, looking Northwest
7/22/2021


Photo #187
Typical minor collision scrapes
Bridge #070001
Span 17, North Railing, looking Northwest
7/22/2021


Photo #188
100% clogged scupper with vegetation growth
Bridge #070001
Pier 17, South Shoulder, looking West
7/22/2021


Photo #189
Partially clogged scupper
Bridge #070001
Span 10, North Shoulder, looking West
7/22/2021


Photo #190
100% clogged scupper with 2 missing grate bars
Bridge #070001
Pier 17, North Shoulder, looking East
7/22/2021


Photo #191
Scupper filled with concrete
Bridge #070001
Span 9, North Shoulder, looking East
7/22/2021

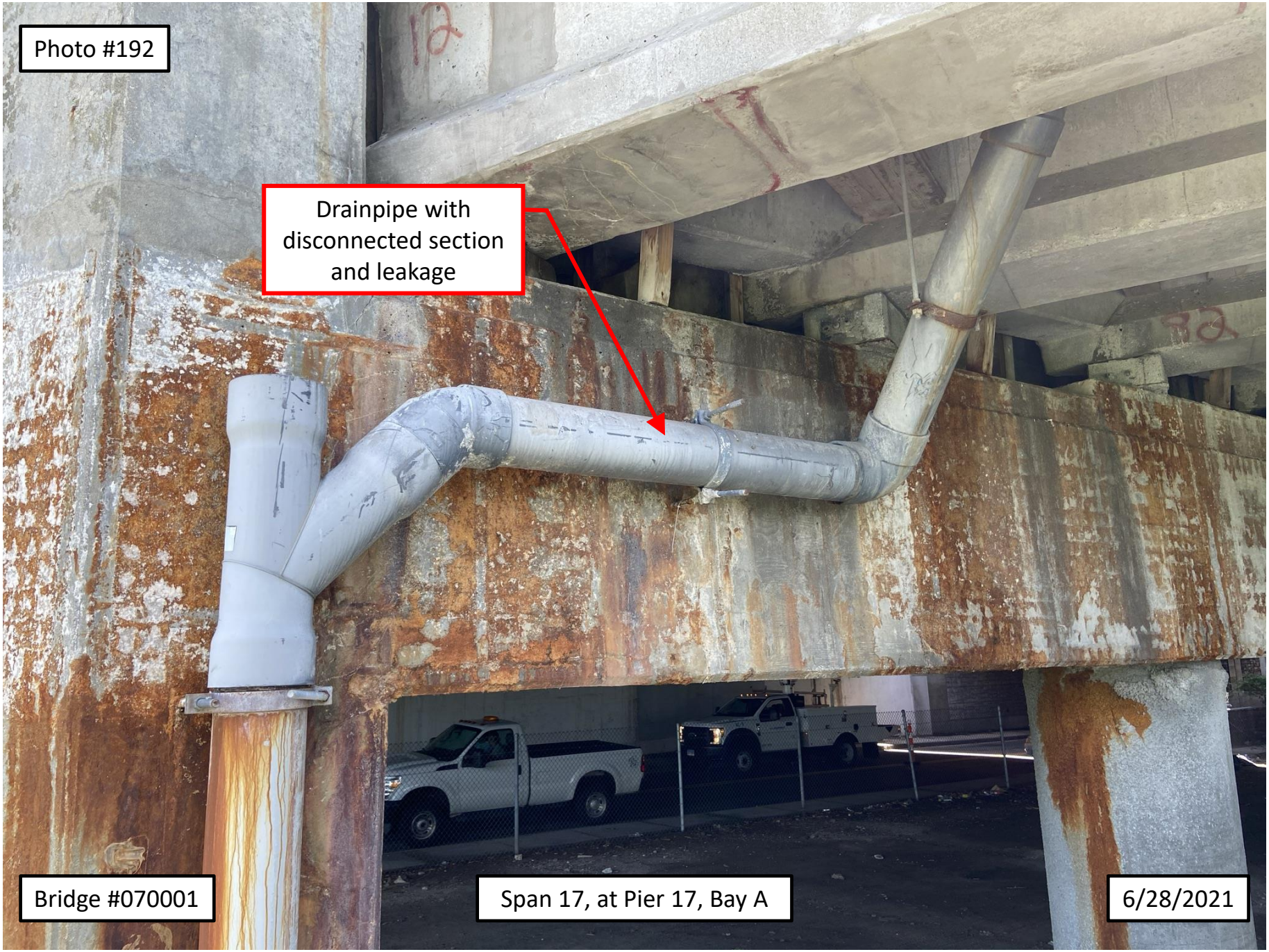
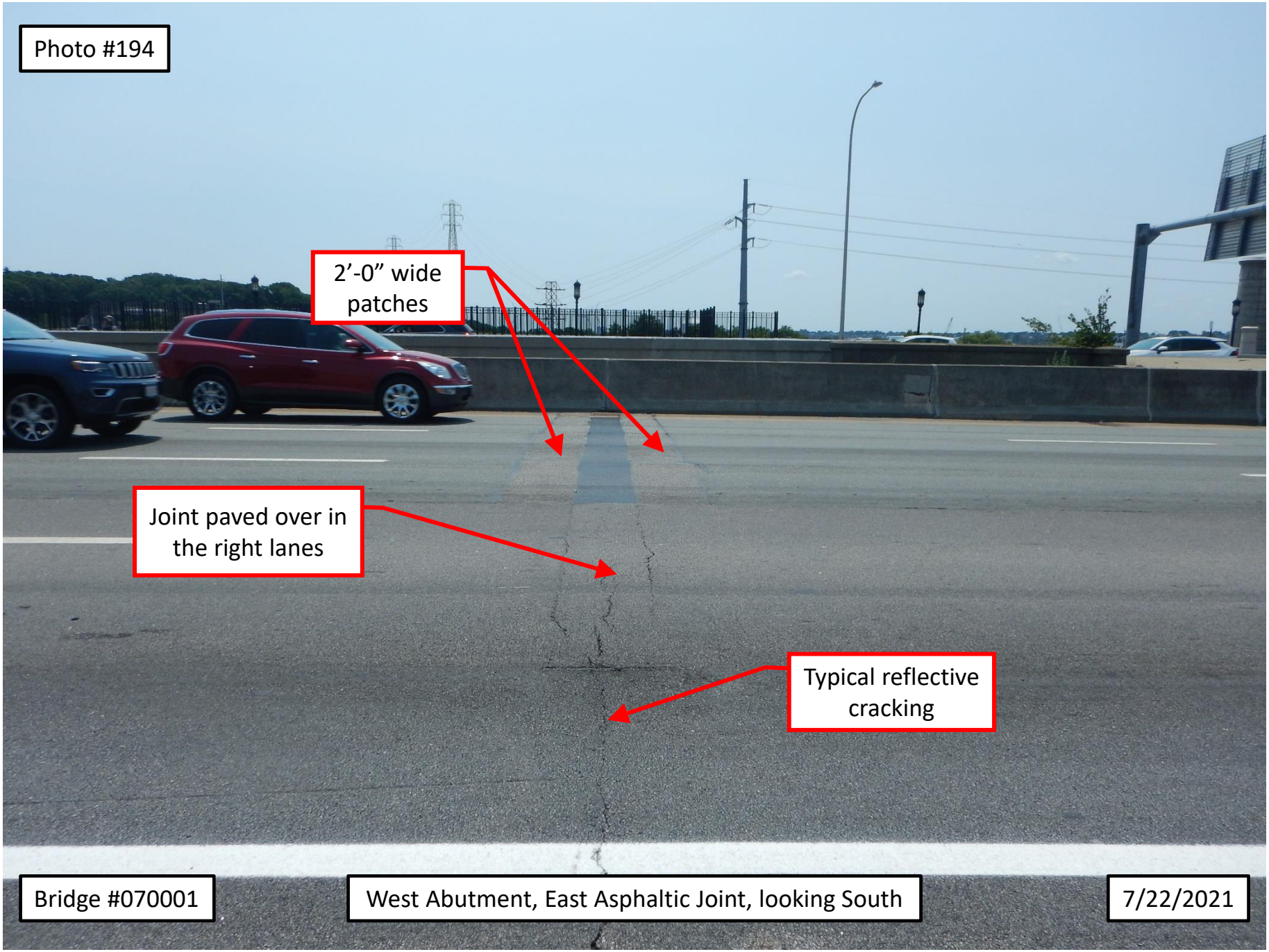
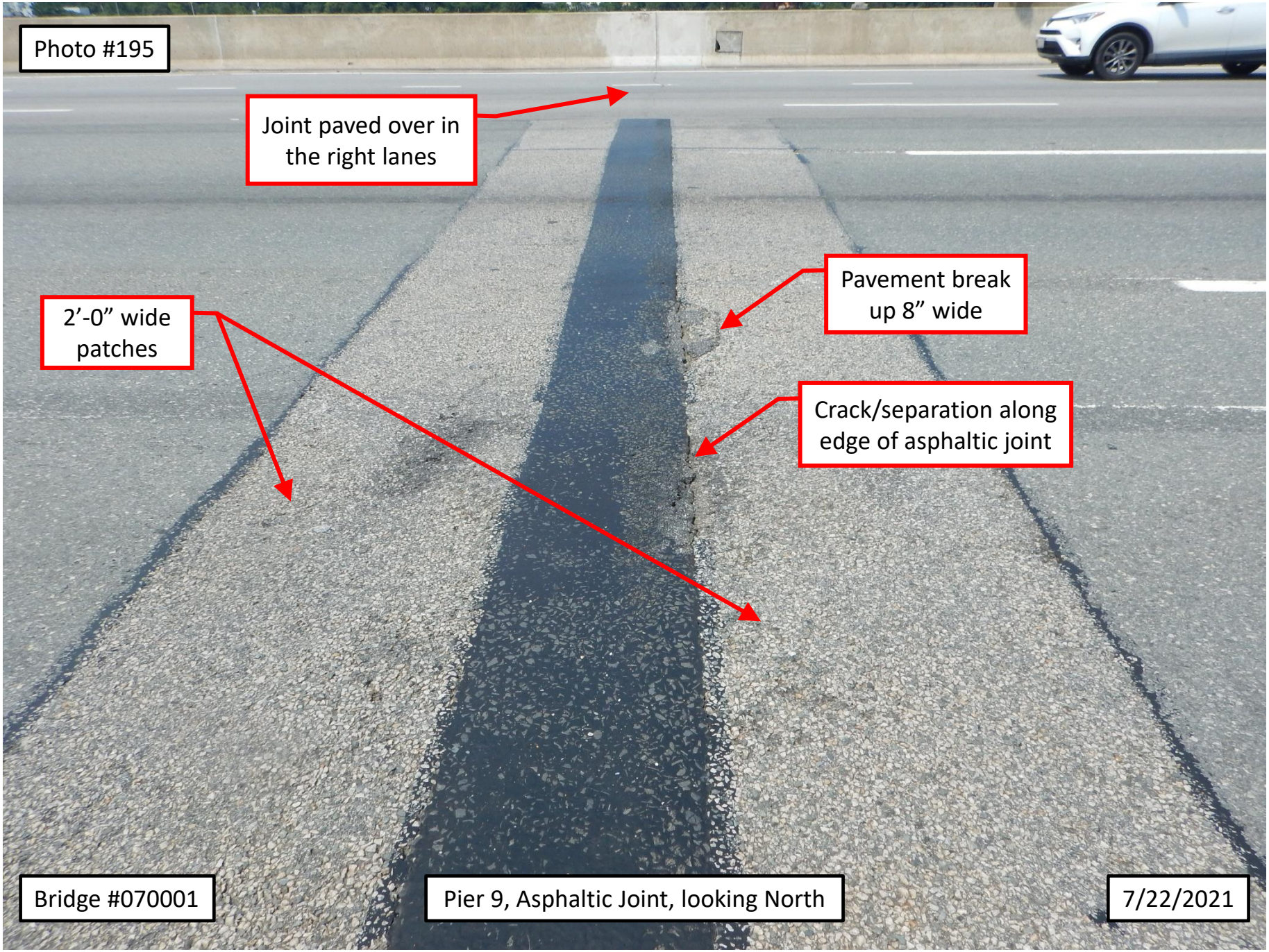

Photo #192
Drainpipe with disconnected section and leakage
Bridge #070001
Span 17, at Pier 17, Bay A
6/28/2021


Photo #193
Typical corrosion to scupper drainpipes
Bridge #070001
Span 16, at Pier 16, Bay A
6/29/2021


Photo #194
2’-0” wide patches
Joint paved over in the right lanes
Typical reflective cracking
Bridge #070001
West Abutment, East Asphaltic Joint, looking South
7/22/2021


Photo #195
Joint paved over in the right lanes
Pavement break up 8” wide
2’-0” wide patches
Crack/separation along edge of asphaltic joint
Bridge #070001
Pier 9, Asphaltic Joint, looking North
7/22/2021

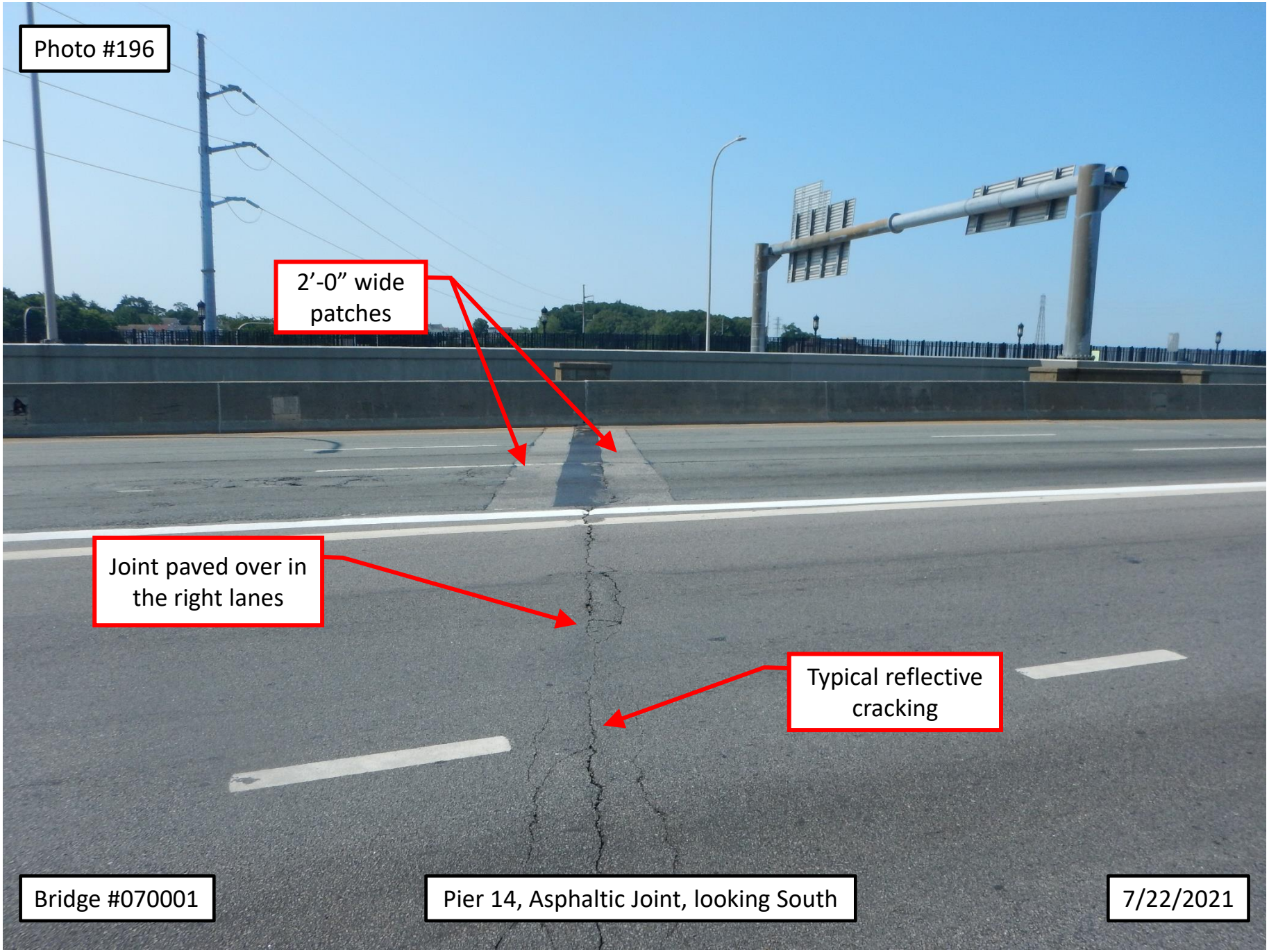

Photo #196
2’-0” wide patches
Joint paved over in the right lanes
Typical reflective cracking
Bridge #070001
Pier 14, Asphaltic Joint, looking South
7/22/2021


Photo #197
Bridge #070001
Northeast Approach Guardrail
7/22/2021

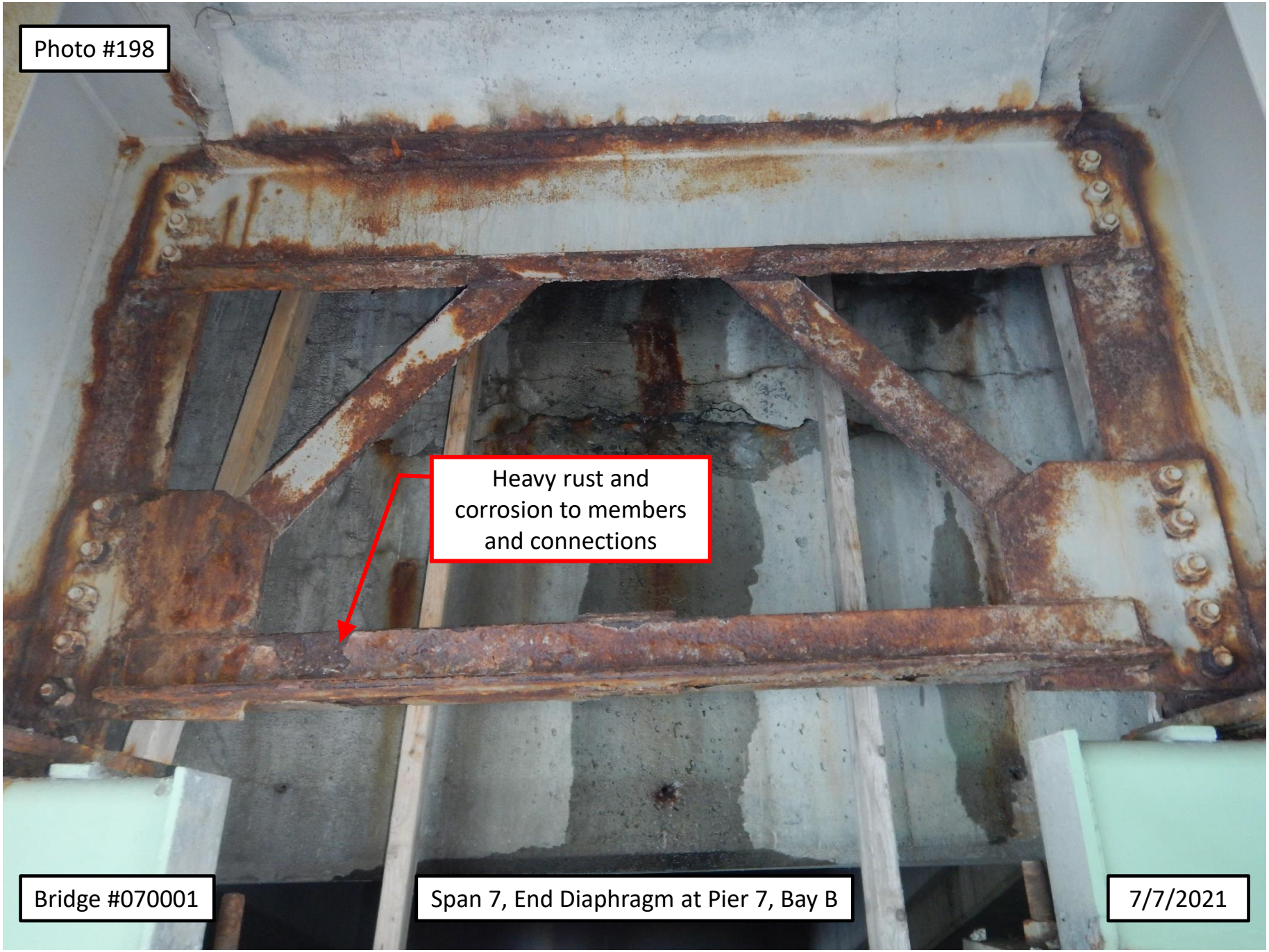
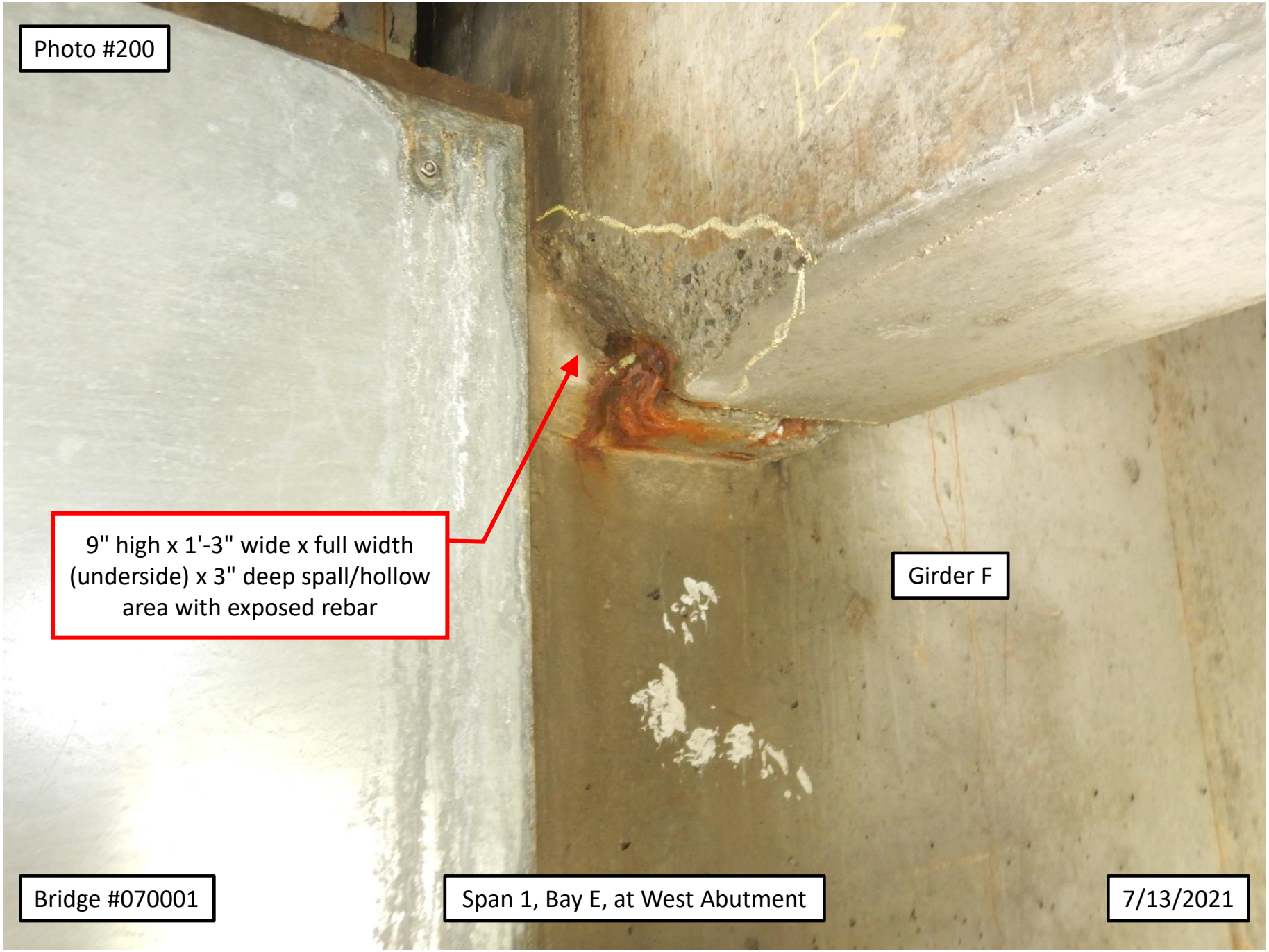

Photo #198
Heavy rust and corrosion to members and connections
Bridge #070001
Span 7, End Diaphragm at Pier 7, Bay B
7/7/2021


Photo #199
Light rust to diaphragm members
Bridge #070001
Span 7, Bay J, Intermediate Diaphragm #1
7/7/2021


Photo #200
9" high x 1'-3" wide x full width (underside) x 3" deep spall/hollow area with exposed rebar
Girder F
Bridge #070001
Span 1, Bay E, at West Abutment
7/13/2021

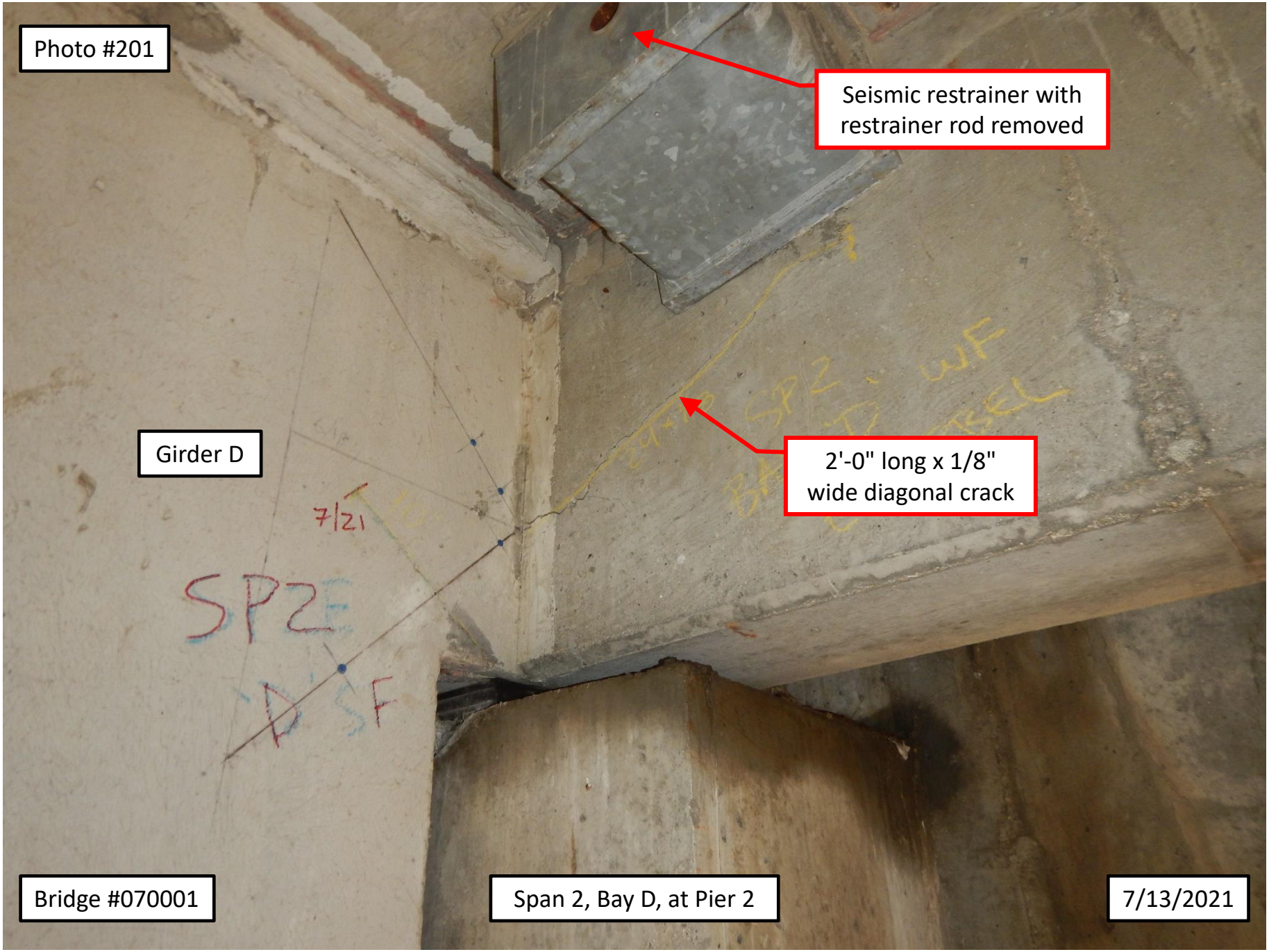
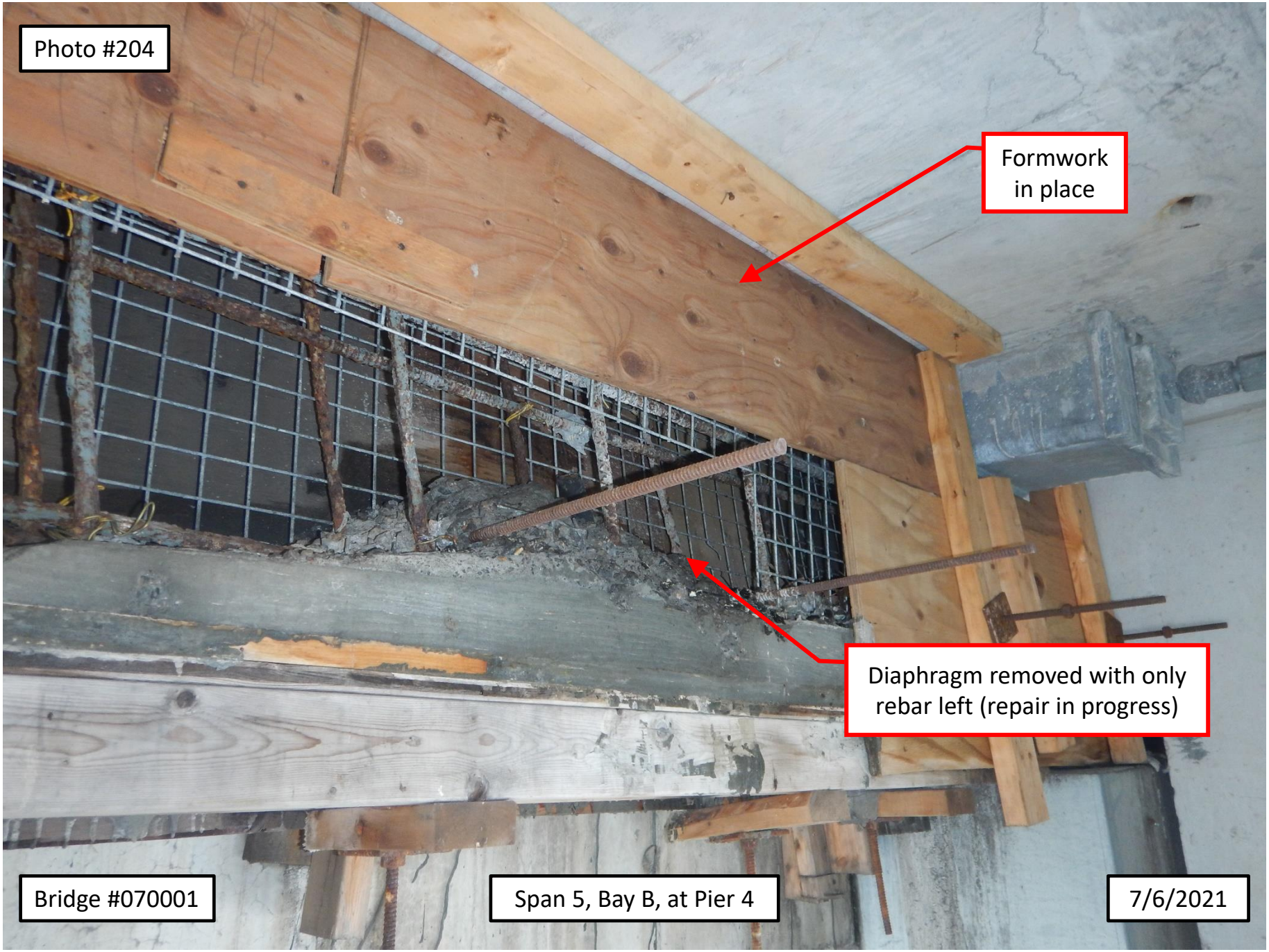
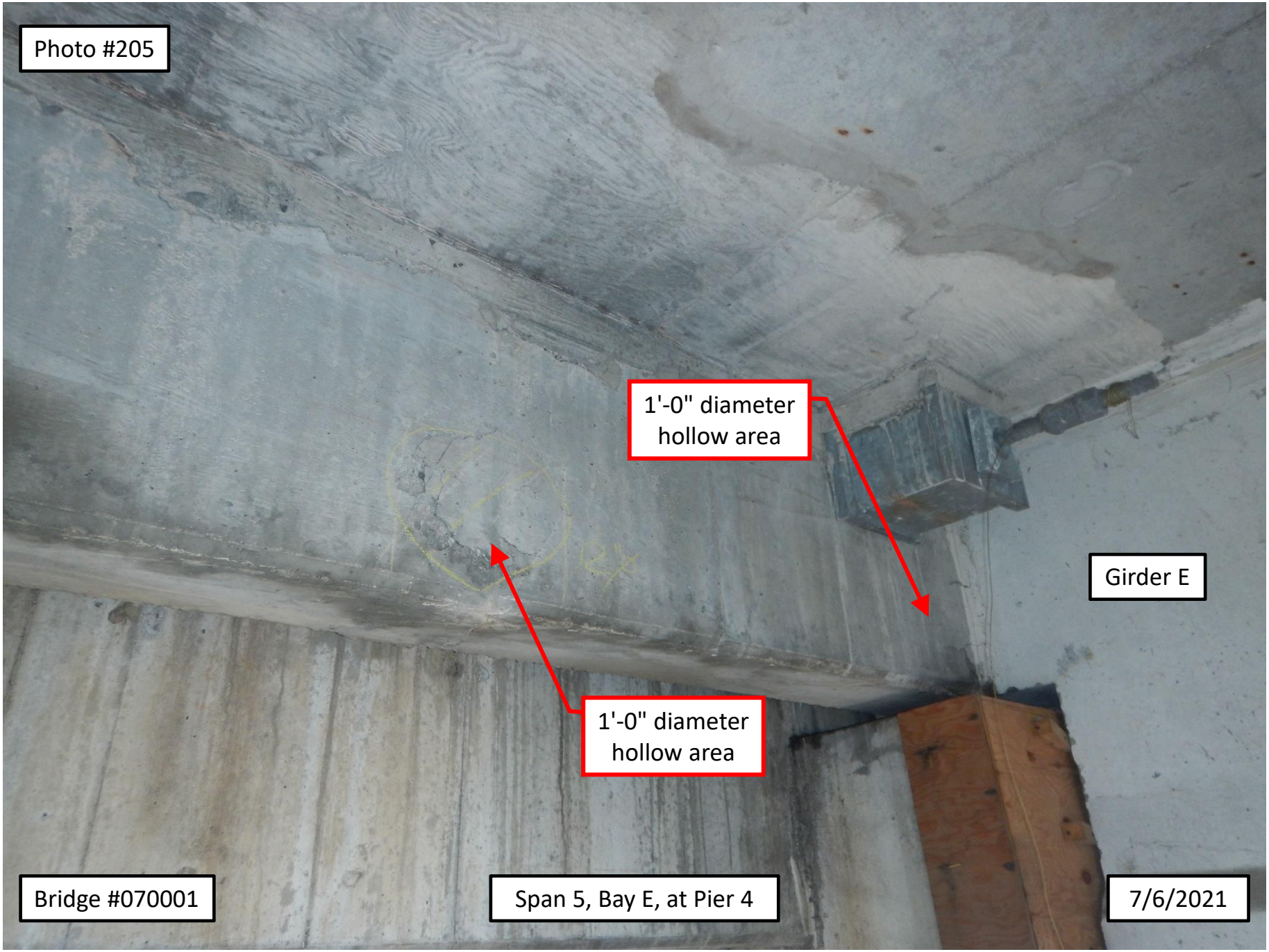

Photo #201
Seismic restrainer with restrainer rod removed
2'-0" long x 1/8" wide diagonal crack
Girder D
7/21
SP2
D
SF
Bridge #070001
Span 2, Bay D, at Pier 2
7/13/2021


Photo #202
36x5xFWx1
3'-0" long x full width x up to 1" deep spall/hollow area that extends 5” onto West face with exposed rebar at underside
Bridge #070001
Span 3, Bay A, at Pier 3
7/14/2021


Photo #203
3'-6" long x full width x up to 5" deep spall with exposed rebar
Bridge #070001
Span 4, Bay C, at Pier 3
7/7/2021


Photo #204
Formwork in place
Diaphragm removed with only rebar left (repair in progress)
Bridge #070001
Span 5, Bay B, at Pier 4
7/6/2021


Photo #205
1'-0" diameter hollow area
1'-0" diameter hollow area
Girder E
Bridge #070001
Span 5, Bay E, at Pier 4
7/6/2021

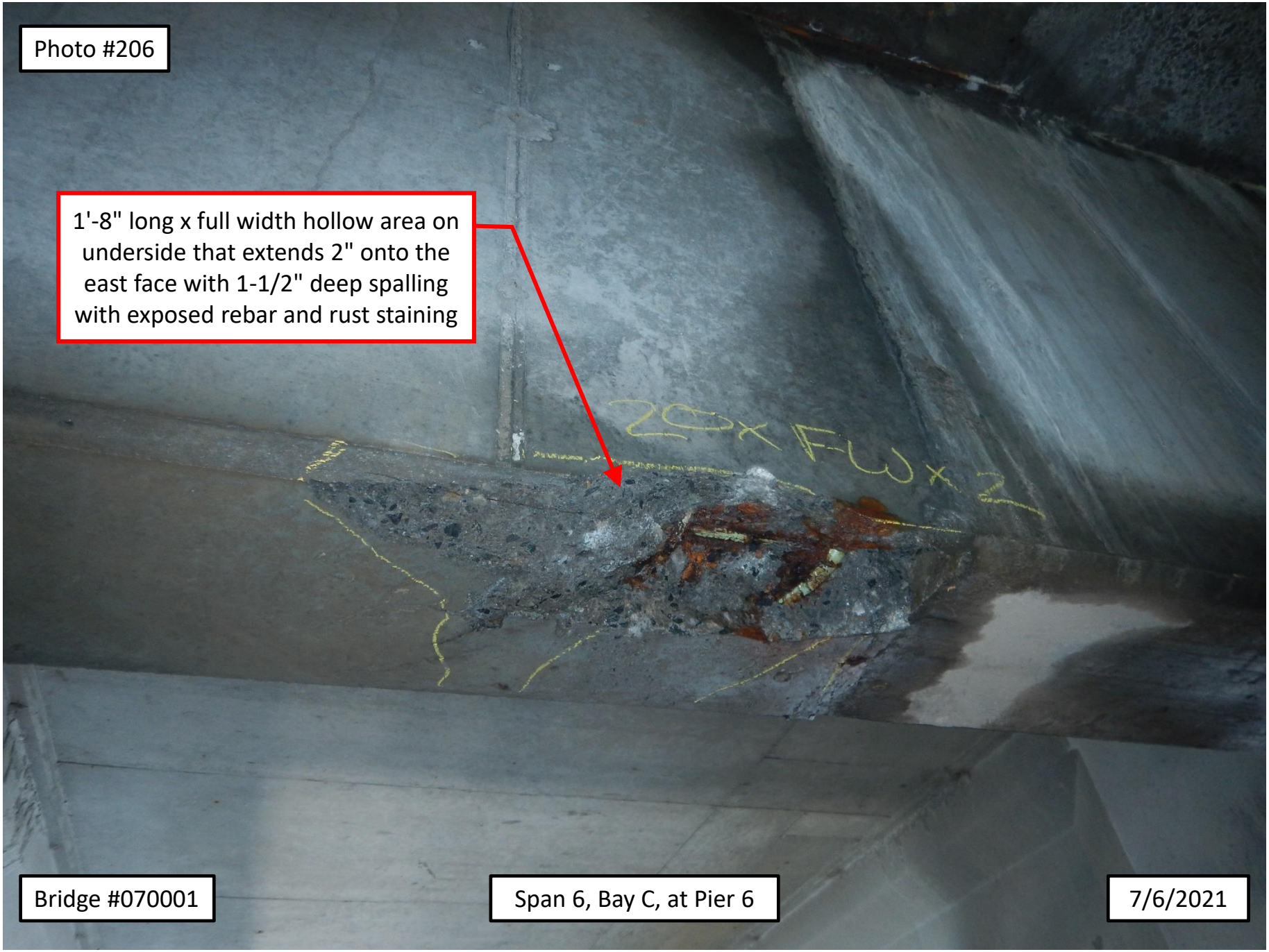
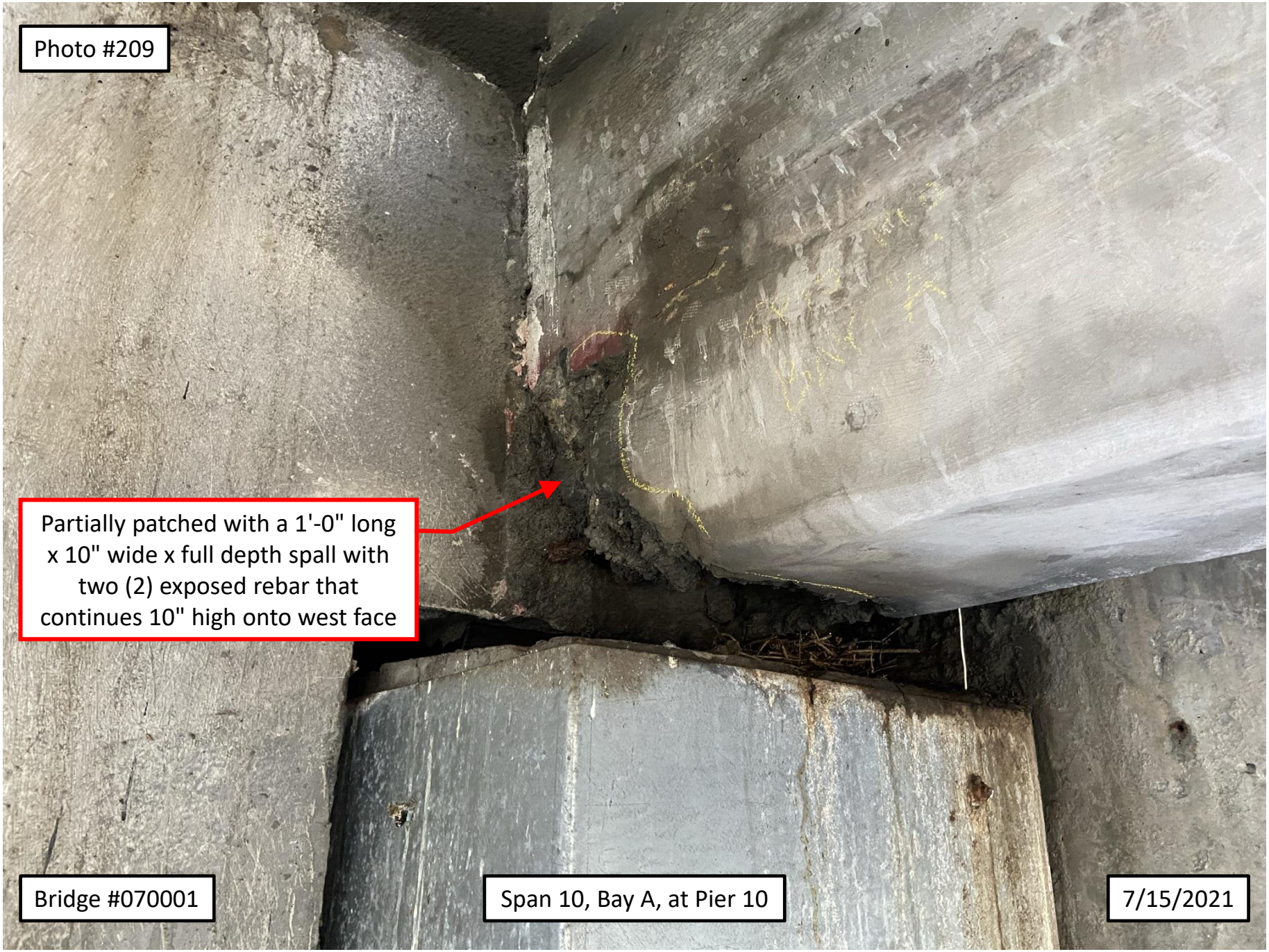
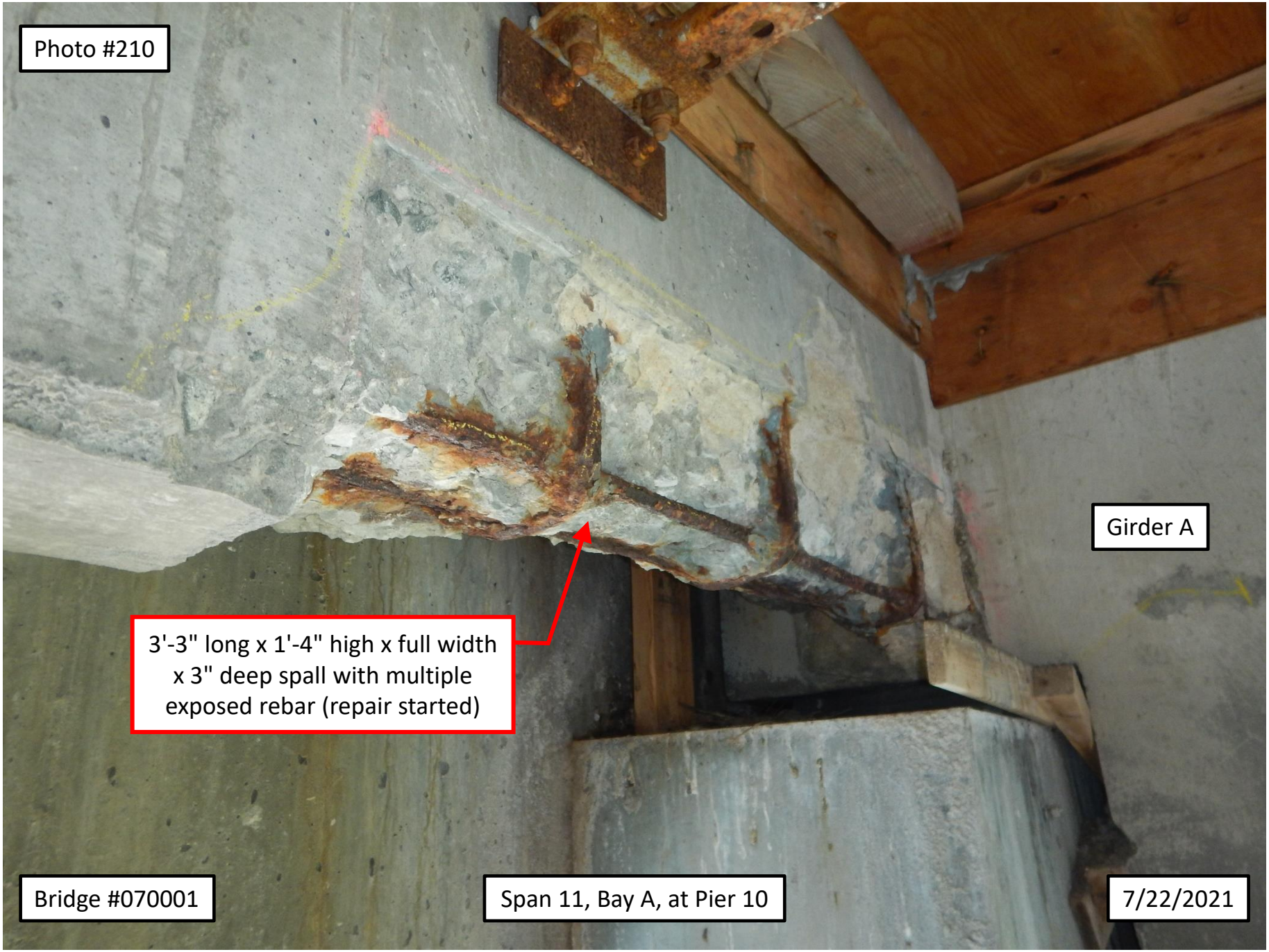
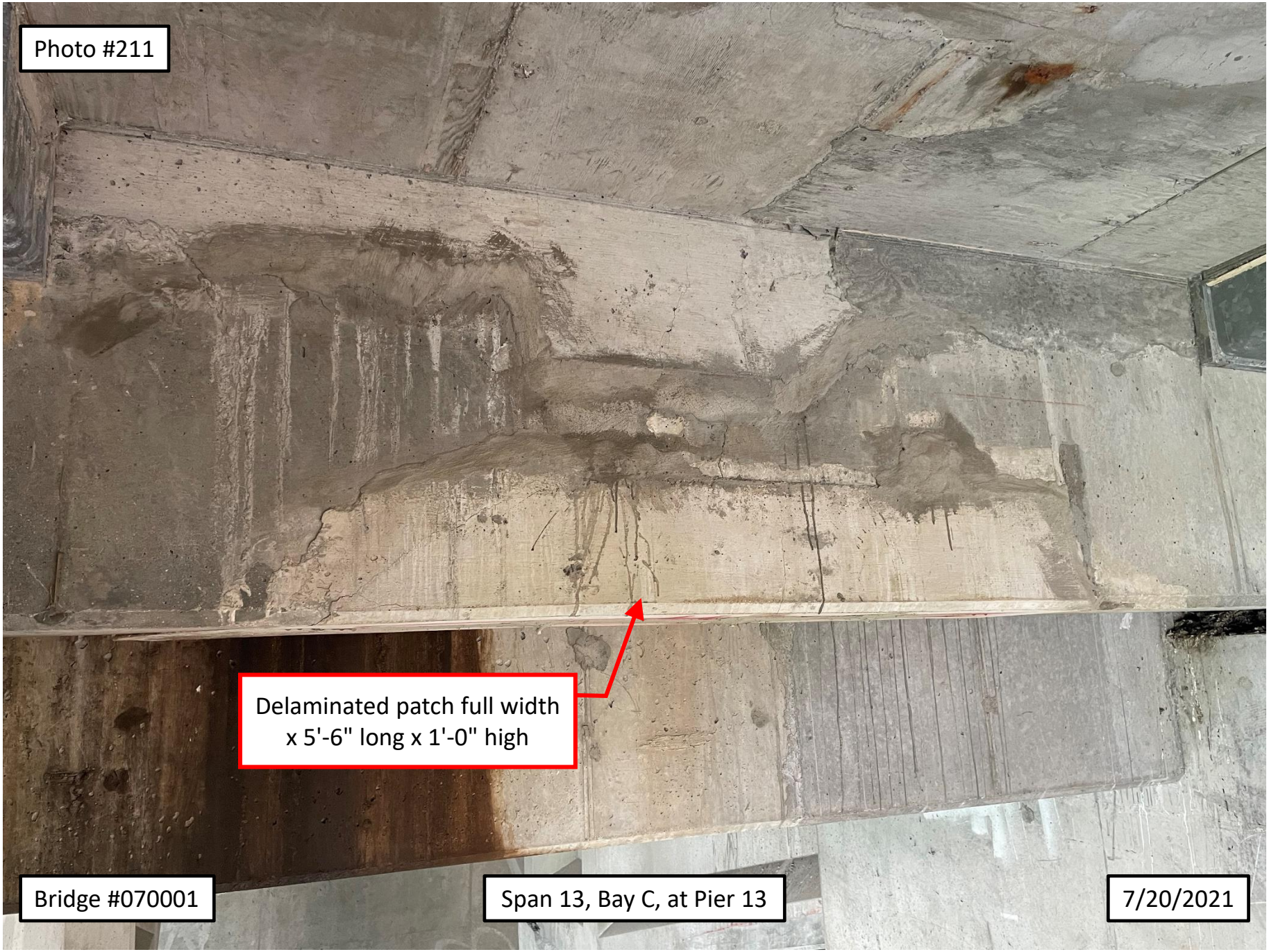

Photo #206
1'-8" long x full width hollow area on underside that extends 2" onto the east face with 1-1/2" deep spalling with exposed rebar and rust staining
Bridge #070001
Span 6, Bay C, at Pier 6
7/6/2021

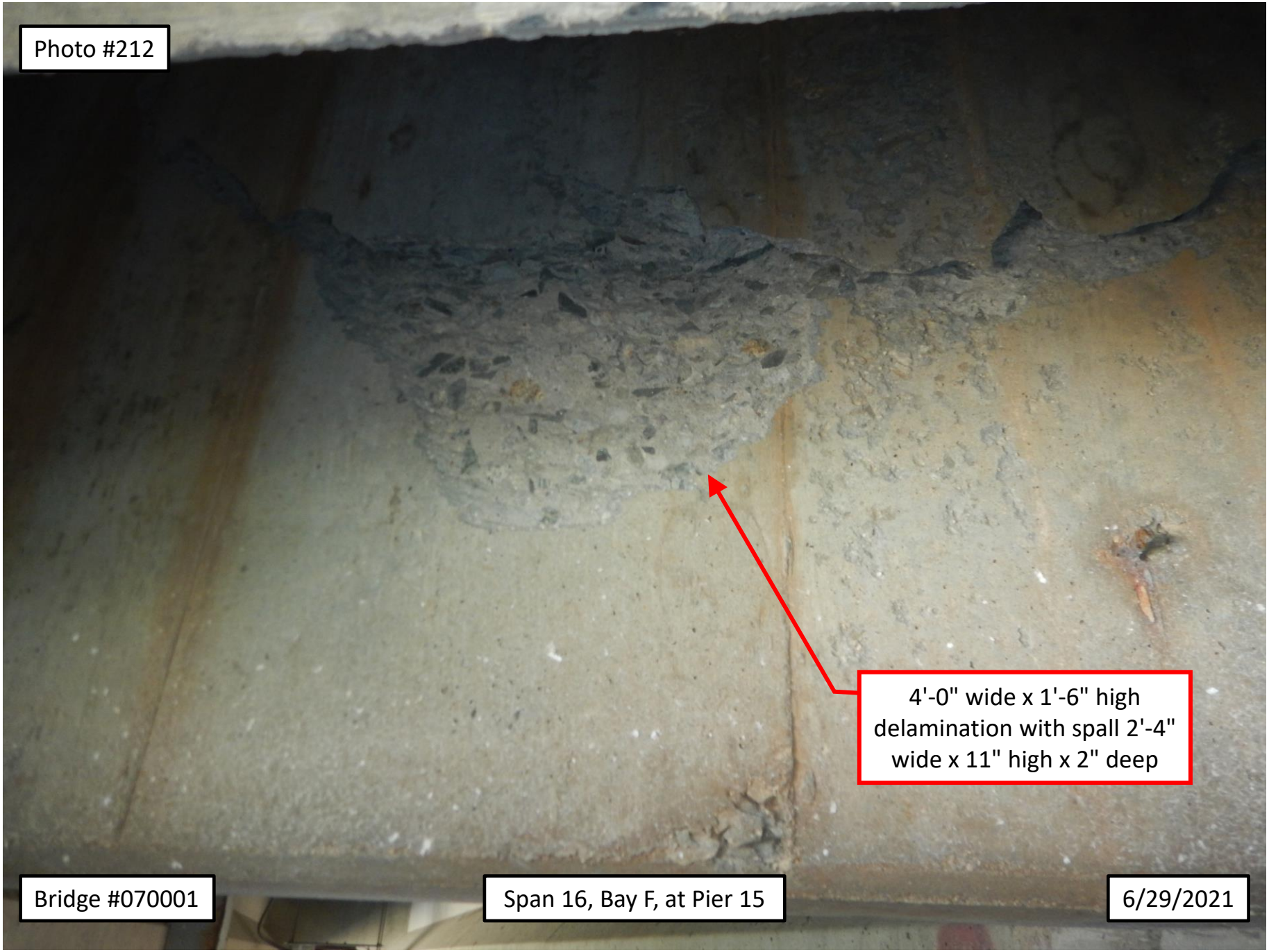

Photo #207
Patched with a 3'-0" wide x 1'-6" high hollow area
3'x18"x6
3'-4" long x 5" high x 4" deep spall with exposed rebar and stirrups extending 6" onto the underside
Bridge #070001
Span 8, Bay C, at Pier 8
7/8/2021

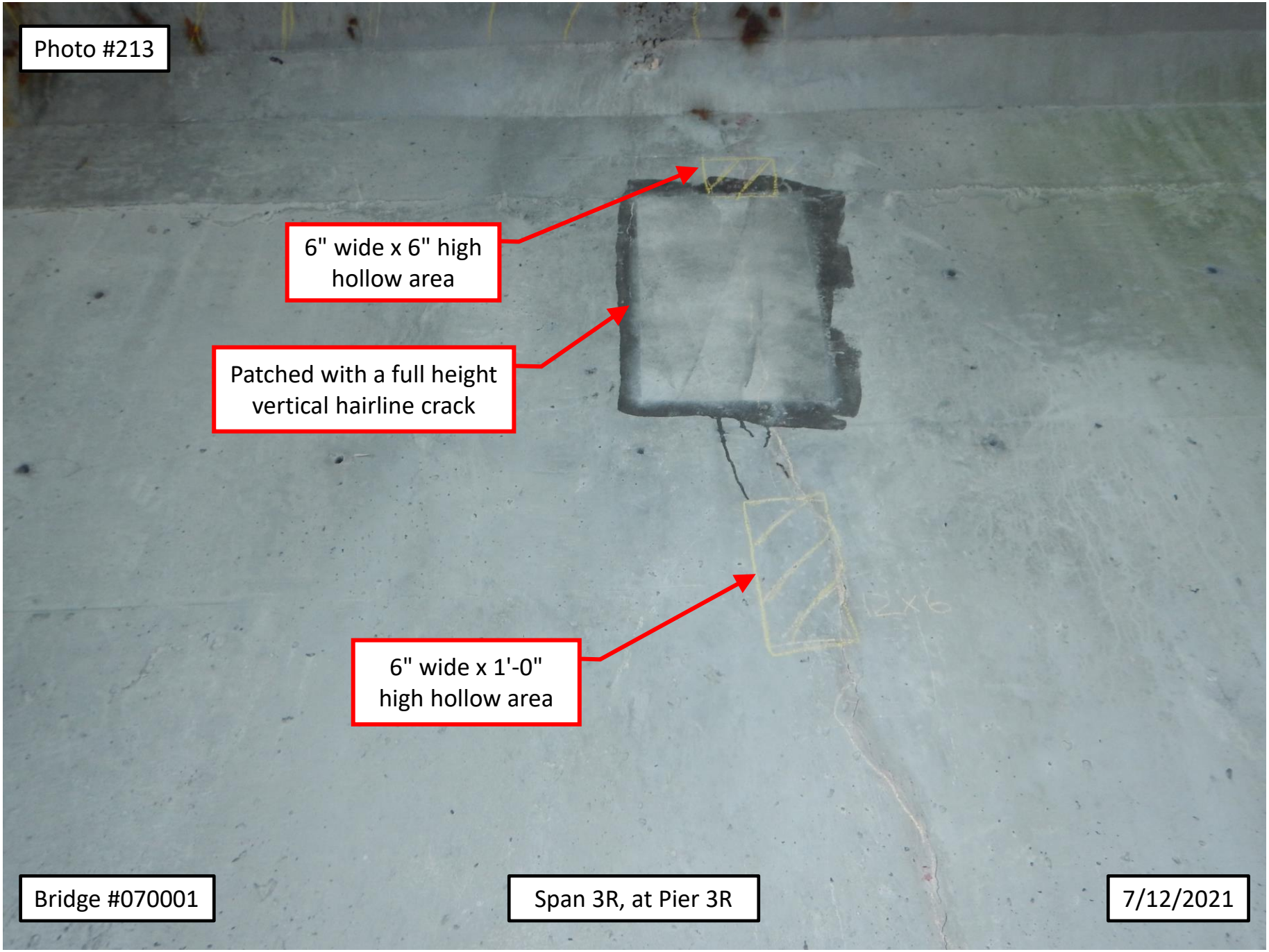

Photo #208
Diaphragm removed with only rebar left in place
Bridge #070001
Span 9, Bay E, at Pier 8
7/8/2021


Photo #209
Partially patched with a 1'-0" long x 10" wide x full depth spall with two (2) exposed rebar that continues 10" high onto west face
Bridge #070001
Span 10, Bay A, at Pier 10
7/15/2021


Photo #210
Girder A
3'-3" long x 1'-4" high x full width x 3" deep spall with multiple exposed rebar (repair started)
Bridge #070001
Span 11, Bay A, at Pier 10
7/22/2021


Photo #211
Delaminated patch full width
x 5'-6" long x 1'-0" high
Bridge #070001
Span 13, Bay C, at Pier 13
7/20/2021


Photo #212
4'-0" wide x 1'-6" high delamination with spall 2'-4" wide x 11" high x 2" deep
Bridge #070001
Span 16, Bay F, at Pier 15
6/29/2021


Photo #213
6" wide x 6" high hollow area
Patched with a full height vertical hairline crack
6" wide x 1'-0" high hollow area
Bridge #070001
Span 3R, at Pier 3R
7/12/2021