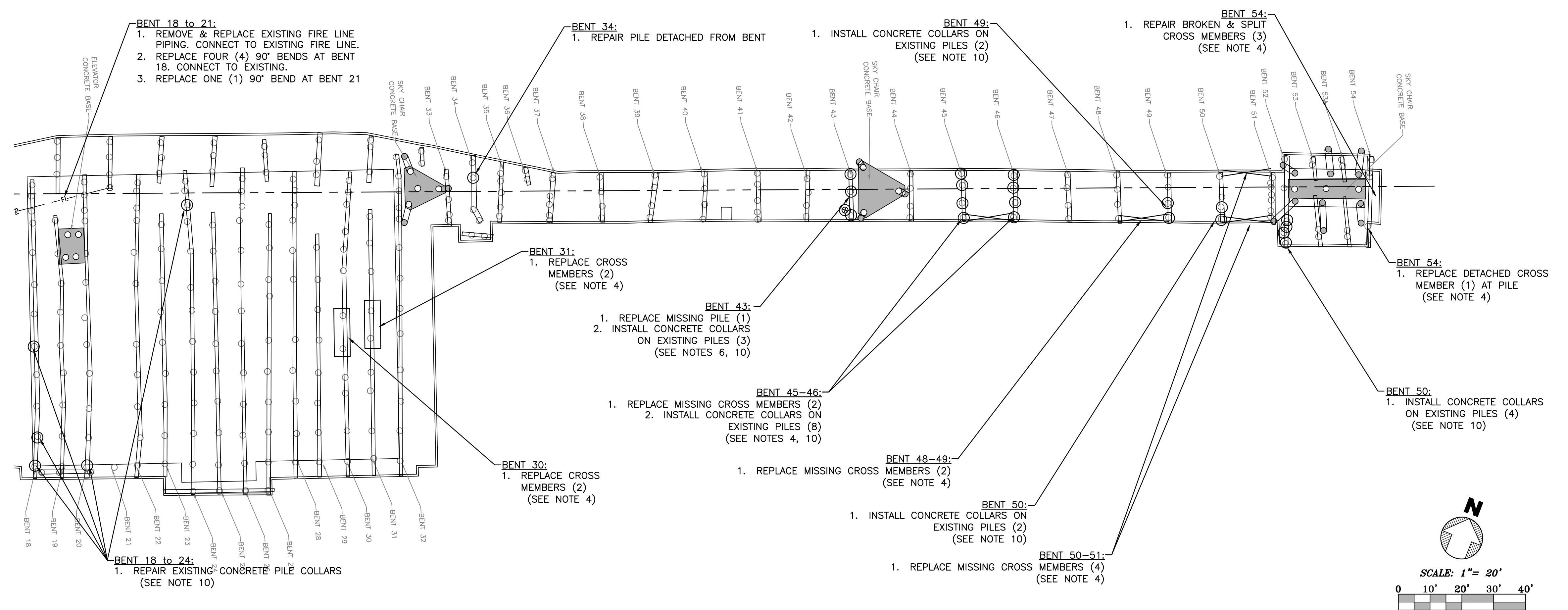


- NOTES:**
- CONTRACTOR TO INSPECT & TIGHTEN ALL PIER BOLTED CONNECTIONS. SEE MS STRUCTURAL PLANS.
 - CONTRACTOR TO REPLACE HEAVILY CORRODED BOLTED HARDWARE CONNECTIONS INCLUDING THREADED RODS, BOLTS, CUT PLATES, WASHERS AND NUTS PER DETAILS IN MS STRUCTURAL PLANS. ALL HARDWARE TO BE 316 STAINLESS STEEL REPLACE PER MS STRUCTURAL PLANS.
 - CONTRACTOR TO APPLY LOCTITE 7088 PRIMER & LOCTITE 268 THREADLOCK TO ALL NEW & LOOSE CONNECTORS PRIOR TO TIGHTENING. APPLY LOCTITE PER MANUFACTURERS RECOMMENDATIONS.
 - CONTRACTOR TO REPLACE BRACING CROSS MEMBERS INDICATED PER MS STRUCTURAL PLANS. PAYMENT FOR CROSS MEMBER REPLACEMENT WILL INCLUDE COST OF NEW CONNECTION HARDWARE.
 - CROSS MEMBER REPLACEMENTS SHALL BE 4"x10" SYP#2, PRESSURE TREATED, CCA 60
 - NEW PILES SHALL BE SIZE INDICATED IN MS STRUCTURAL PLANS, SYP#2, PRESSURE TREATED CCA 2.5
 - INSTALLATION OF NEW 316 STAINLESS STEEL FLAT STRAPS AS INDICATED ON MS STRUCTURAL PLANS. PAYMENT WILL INCLUDE ALL NEW 316 STAINLESS STEEL HARDWARE NEEDED FOR INSTALLATION.
 - REPAIR OF CONCRETE SPALL (BENTS 3-4 & 14-15) AND REPAIR OF CONCRETE BEAM CONNECTOR (BENT 4) TO BE DONE IN ACCORDANCE WITH GRAEF STRUCTURAL ASSESSMENT MEMO.
 - INSTALLATION OF CONCRETE COLLAR ON EXISTING PILING TO BE IN ACCORDANCE WITH MS STRUCTURAL PLANS.
 - REPAIR OF PILING SHALL BE IN ACCORDANCE WITH MS STRUCTURAL PLANS.
 - THE FOLLOWING PLAN SETS AND ENGINEERING REPORTS ARE ATTACHED AND INCORPORATED BY REFERENCE:
 - MAIN STREET PIER EXISTING CONCRETE SLAB AND FOUNDATION STRUCTURAL ASSESSMENT MEMO BY GRAEF ENGINEERING DATED; AUGUST 2019.
 - MAIN STREET PIER STRUCTURAL DRAWING BY MS STRUCTURAL DATED; FEBRUARY 18, 2019.
 - SPECIFIC PURPOSE SURVEY OF MAIN STREET PIER BY SEA DIVERSIFIED DATED; DECEMBER 2018.
 - BACKFLOW PREVENTER DEVICE PURCHASE - TO BE DELIVERED TO THE CITY OF DAYTONA BEACH PUBLIC WORKS DEPARTMENT AT 950 BELLEVUE AVE. DAYTONA BEACH, FL.



Drawing Date: 03/28/2019	Scale: 1" = 20'
Survey Date: N/A	Rotation: 339°
Survey By:	File Name: 2017-056
Drawn By: PFT	Project No:
Checked By: M. VEENSTRA	Contract No:
No:	Xref Name: 2019-056-base

THE CITY OF DAYTONA BEACH
PUBLIC WORKS DEPARTMENT
TECHNICAL SERVICES DIVISION
 950 BELLEVUE AVENUE • DAYTONA BEACH • FLORIDA • 32114
 PHONE: (386) 671-8610 FAX: (386) 671-8620



MAIN STREET PIER
REPAIRS
KEY MAP

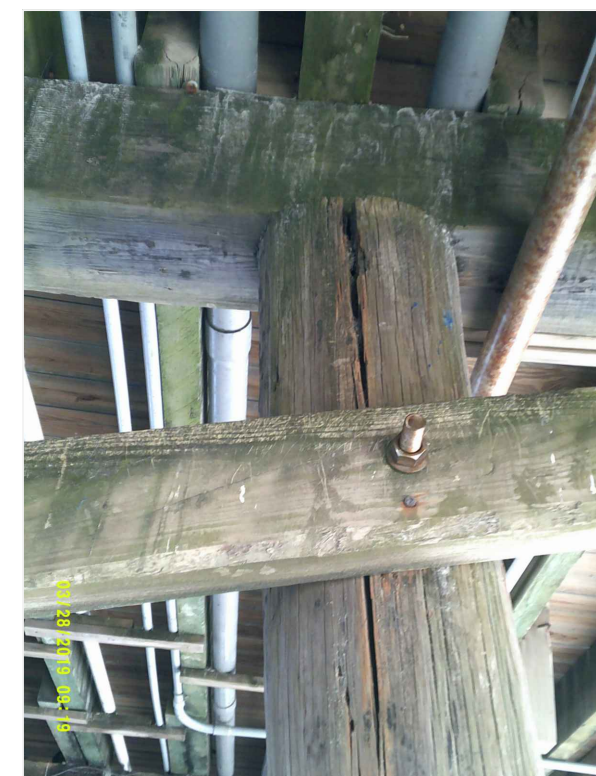
PROJECT MANAGER
 1
 of
 2



BENT 1: 6" FIRE LINE DOUBLE CHECK VALVE ASSEMBLY



BENT 1: SPLIT 4th PILE in from North



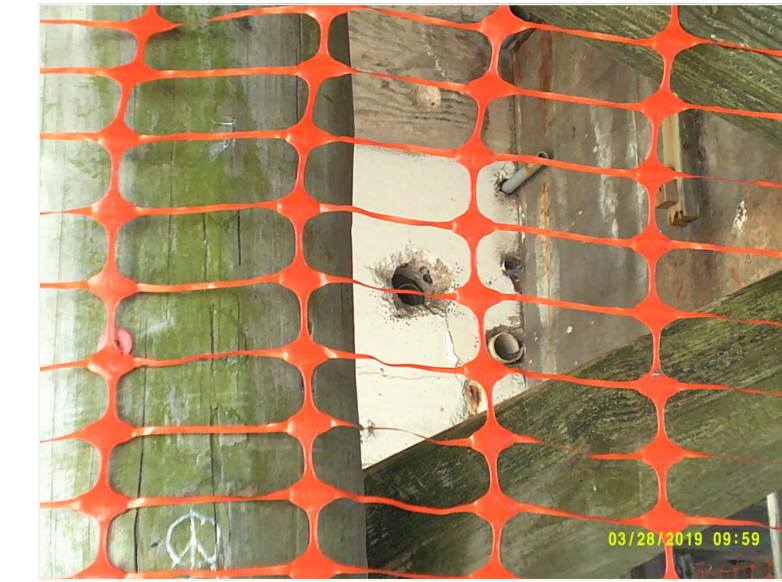
BENT 1: SPLIT 5th PILE in from North



BENT 1: WATER BACK FLOW PREVENTER



BENT 3-4: CONCRETE SPALL



BENT 4: SEAL CONDUIT PENETRATION IN CONC.



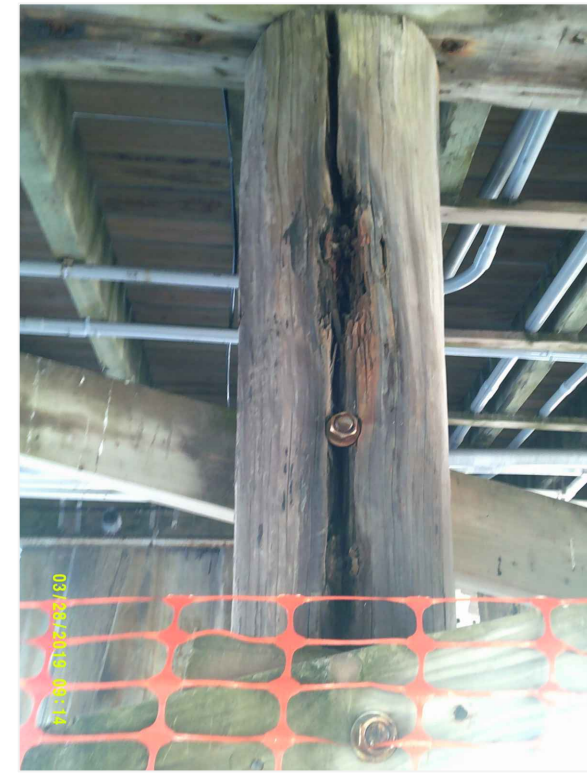
BENT 4: REPAIR CONCRETE BEAM CONNECTION



BENT 4: 4" GAP AT PILE TO PILE CAP



BULKHEAD: ANGLE BRACKET



BENT 2: SPLIT 2nd PILE in from North



BENT 2: WING BRACING



BENT 3: LOOSE ELEC CONDUIT BEND & HANGER



BENT 4: GALVANIZED BRACKETS



BENT 4: PURCHASE OF BACK FLOW PREVENTER



BENT 5: LOOSE ELEC. CONDUIT HANGERS



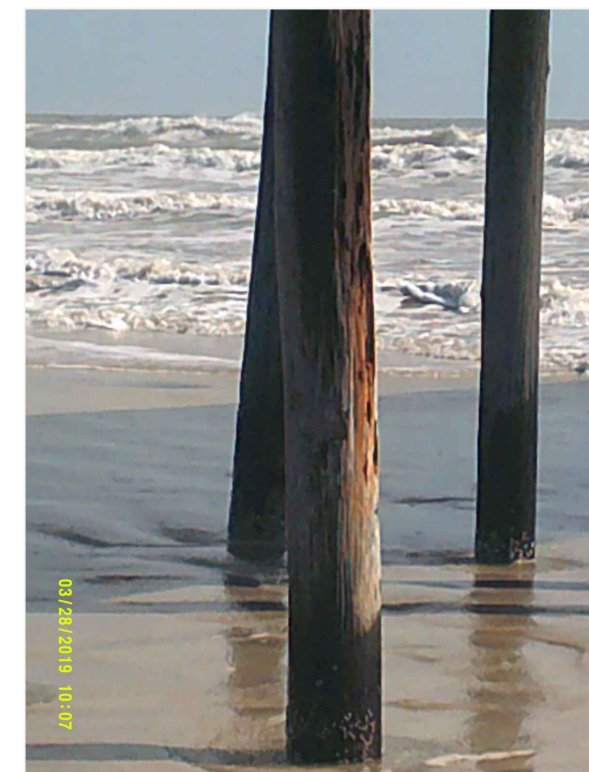
BENT 6: LOOSE GAS LINE HANGER



BENT 7: NECKED PILE



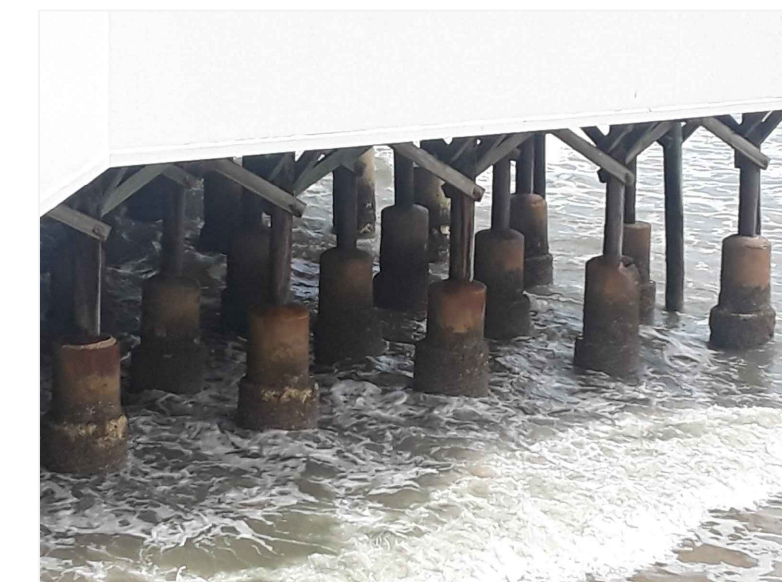
BENT 8: NECKED PILE



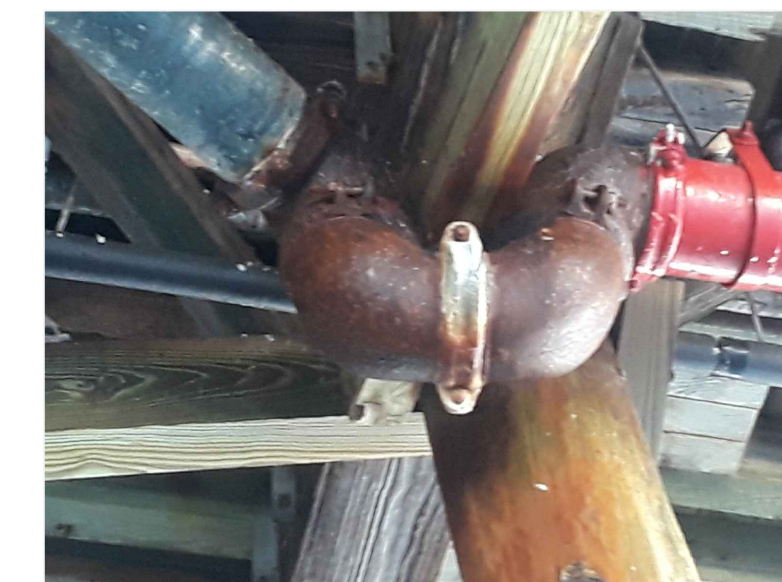
BENT 9: NECKED PILE



BENT 15: GREASE TRAP BRACING



BENT 18: DAMAGED CONCRETE PILE CAP



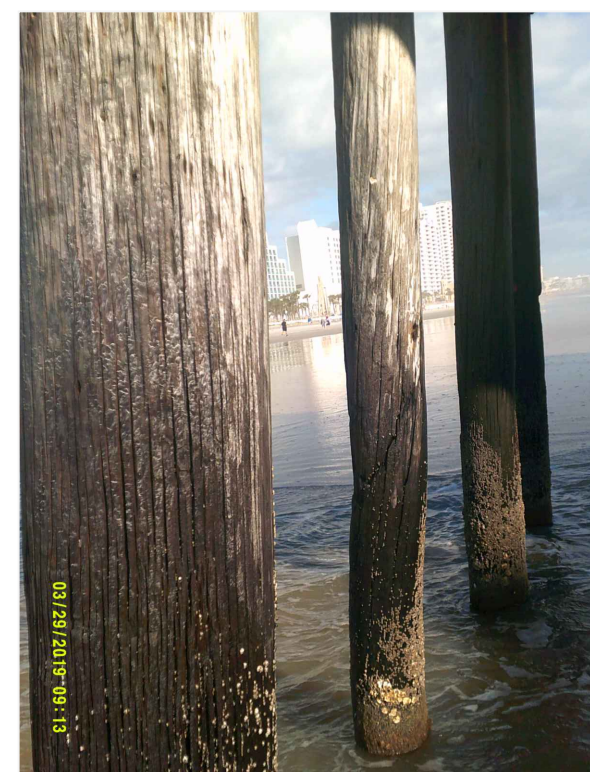
BENT 18: CONNECTION TO EXISTING FIRE LINE FOUR (4) 90° BENDS



BENT 21: CONNECTION TO EXISTING FIRE LINE ONE (1) 90° BEND



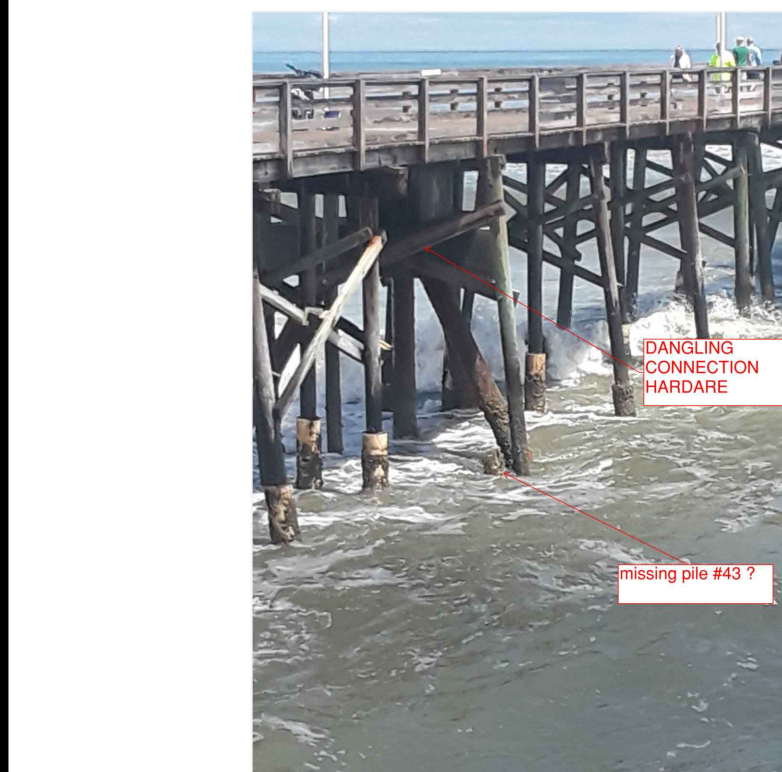
BENT 12: ROTTED PILE



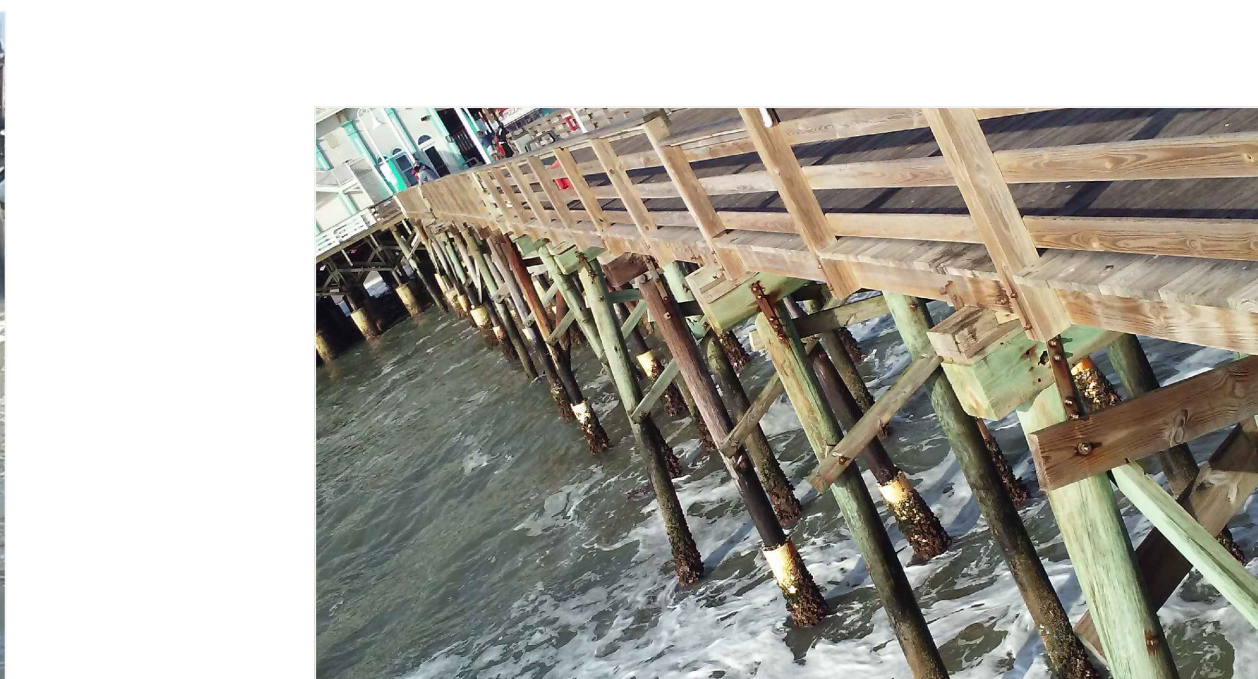
BENT 13: CRACKED PILE



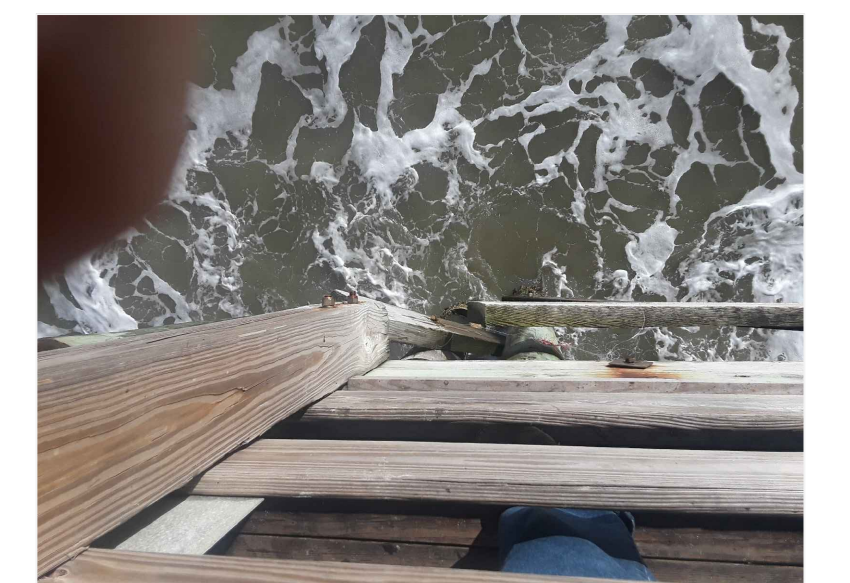
BENT 14: CONCRETE SPALL



BENT 43: MISSING PILE



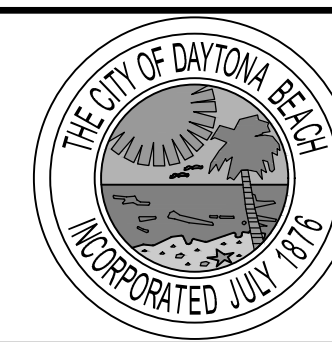
BENT 45-46, 48-49: MISSING BRACING SOUTH SIDE AND INSTALLATION OF CONCRETE COLLARS SOUTH SIDE



BENT 54: LOOSE BRACKET NE CORNER

		Drawing Date: 03/28/2019	Scale: NTS
		Survey Date: N/A	Rotation: N/A
		Survey By:	File Name: 2017-056
		Drawn By: PFT	Project No:
		Checked By: M. VEENSTRA	Contract No:
No:	Revision:	Date:	Image Name:
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MAIN STREET PIER
 REPAIRS
 PHOTOS OF ITEMS
 AND AREAS TO BE REPAIRED

PROJECT MANAGER	2
	of
	2