

The purpose of this inspection template is to provide a uniform reporting template that facilitates a thorough TIA Inspection and allows anybody to read the inspection report along with any other documents noted herein and provide a quotation to remedy the deficient items noted.

This inspection needs to be performed by an individual that is competently trained on ANSI/TIA-222-H, and familiar with ANSI A10.48 and ANSI/TIA-322.

1.0 TOWER SUMMARY

Tower Manufacturer:	
Tower Type:	
Tower Structure Height:	
Appurtenance Height	
Latitude:	
Longitude:	
Ground Elevation:	
Site Address:	
Directions:	
FCC ASR#:	
Call Sign:	
Tower ID Plate:	
Telephone Company:	
Pedestal # & Location:	
Power Company:	
Meter # and Owner:	
Inspection Date:	
Weather Conditions:	
Tower Paint:	
Is Tower safe to climb?	
Are there power down requirements?	

2.0 ACCESS ROAD, COMPOUND AREA & SHELTER

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
- All items noted by a deficiency will be referred to in section 12 and 13

1.	Is there an access gate to the site?	Yes	No
2.	Is the access gate in good condition and free to rotate open and close?	N/A	1 2 3 4 5
3.	Does the access gate have a combination lock?	Yes	No
4.	Can the site be accessed by a 2WD vehicle?	Yes	No
5.	Is access roadbed and surface in good condition?	N/A	1 2 3 4 5
6.	Are Site ID, FCC Registration #, and RF Warning signs present and legible?	N/A	1 2 3 4 5
7.	Is compound fenced and are fences/gates/locks in good condition?	N/A	1 2 3 4 5
8.	Are grounding connections on fence posts and gate in good condition?	N/A	1 2 3 4 5
9.	Is compound surface in good condition?	N/A	1 2 3 4 5
10.	Compound surface type? <input type="checkbox"/> Gravel <input checked="" type="checkbox"/> Limestone <input type="checkbox"/> Other Condition?	N/A	1 2 3 4 5
11.	Does the compound have a combination lock?	Yes	No
12.	Is the compound in good condition with minimal debris or overgrowth?	N/A	1 2 3 4 5
13.	Are there low spots to collect moisture?	N/A	1 2 3 4 5
14.	Is equipment shelter in good overall condition and secure?	N/A	1 2 3 4 5
15.	Is shelter properly oriented and seated on its foundation?	N/A	1 2 3 4 5
16.	Is shelter foundation cracking, spalling or shifting?	N/A	1 2 3 4 5
17.	Are outdoor radio enclosures in good overall condition and secure?	N/A	1 2 3 4 5
18.	Are equipment platforms in good condition?	N/A	1 2 3 4 5
19.	Are sidewalks, steps, stairways or ramps in good overall condition?	N/A	1 2 3 4 5
20.	Are ice bridges in good condition and horizontal lines secure?	N/A	1 2 3 4 5
21.	Are feedlines properly grounded at the shelter entry port and at the bottom of the vertical run?	N/A	1 2 3 4 5
22.	Are all grounding connections on shelter, equipment, and ice bridges in good condition?	N/A	1 2 3 4 5
23.	Are outdoor propane tanks and generators in good overall condition?	N/A	1 2 3 4 5
24.	Are all grounding connections on propane tanks and generators in good condition?	N/A	1 2 3 4 5
25.	Are power and telco demarcations in good condition?	N/A	1 2 3 4 5
26.	Is the compound area clear of clutter and vegetation?	N/A	1 2 3 4 5
27.	Are the Base Insulator, Spark Gap, and Isolation coupler in good condition?	N/A	1 2 3 4 5
28.	Observe general condition of any antenna or appurtenances mounted on the equipment shelter roof	N/A	1 2 3 4 5

4.1 GUY TENSION INITIAL

- **The limit is +/- 10% max deviation per EIA/TIA 222-G standards on guys less than 1"

MANUFACTURER	
MODEL NUMBER	
SERIAL NUMBER	
RECALIBRATION DATE	
AVERAGE TEMPURATURE	
AVERAGE WINDSPEED & DIRECTION	

4.2 GUY TENSION FINAL

Were guy tensions adjusted while on-site?

5.0 PIPE LEG THICKNESS

6.0 ANTENNAS AND TRANSMISSION LINES

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
- All items noted by a deficiency will be referred to in section 12 and 13

1.	Check antennas for dents, bullet holes, damaged feedhorns, broken or missing elements, obvious air leaks or shifting	Yes	No
2.	Check reflectors for dents, bullet holes, broken structural supports and shifting	Yes	No
3.	Check radome covers for proper installation, dents, tears, cracks, and shifting	Yes	No
4.	Check feedhorn stabilizer wires for tension, missing components, rust	N/A	1 2 3 4 5
5.	Check all antenna, reflector, radome, and stiffarm mounting hardware for rust and loose or missing bolts	N/A	1 2 3 4 5
6.	Check antennas for proper type of stiffarm or tieback, check effectiveness of mounting arrangement	N/A	1 2 3 4 5
7.	Check transmission lines for proper bends, dents bullet holes, chaffed jackets and obvious air leaks	N/A	1 2 3 4 5
8.	Check transmission lines for proper spacing of standoffs, hangers, tie-wraps or wrap lock	N/A	1 2 3 4 5
9.	Check transmission lines for rusty, loose, frayed or missing grounding straps or jumpers	N/A	1 2 3 4 5
10.	Check transmission lines for proper hoist grip installation	N/A	1 2 3 4 5
11.	Check transmission line connectors for missing hardware, weatherproofing or obvious air leaks	N/A	1 2 3 4 5
12.	Check dehydrator for proper pressure and operation	Yes	No
13.	Check junction boxes and all electrical components for cracks, poor connections, frayed wiring, loose or missing hardware	N/A	1 2 3 4 5
14.	Is the conduit, junction boxes, and fasteners weather-tight and secured to tower?	N/A	1 2 3 4 5
15.	Check if any antennas and transmission lines no longer in service or abandoned	Yes	No
16.	Check horizontal cable run for sufficient expansion/contraction allowance	N/A	1 2 3 4 5
17.	Are all antenna mounts secured to the tower with galvanized hardware?	N/A	1 2 3 4 5
18.	Are all antenna mounts in use?	Yes	No



7.0 LIGHT SYSTEM

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
- All items noted by a deficiency will be referred to in section 12 and 13

1.	Verify that lighting system is operational	Yes	No
2.	Observe lightning system for flash sequence as specified by current federal regulations for the type of system in use	Yes	No
3.	Check photoelectric controls for proper operation	Yes	No
4.	Observe lenses for cracks, bullet holes or broken glass	Yes	No
5.	Observe lenses for paint over spray, dirt contamination or discoloration from environmental trappings	Yes	No
6.	Observe lenses for properly functioning gaskets and retainer rings	Yes	No
7.	Observe assembly hardware for broken, corroded or missing hardware	N/A	1 2 3 4 5
8.	Observe all electrical components and wiring for cracks, poor connections frayed wiring, loose or missing hardware	N/A	1 2 3 4 5
9.	Observe all conduit and junction boxes for corrosion, loose or missing hardware or signs of leakage	N/a	1 2 3 4 5

7.1 LIGHT SYSTEM INVENTORY

- Detail all information as best as possible

1.	Controller manufacturer		
2.	Controller model number		
3.	Number of controllers		
4.	Controller serial numbers		
5.	Total number of tower beacons		
6.	Total number of tower strobes		
7.	Number of beacon/strobe levels		
8.	Total number of markers on tower		
9.	Number of marker levels		
10.	Light System Type	Daytime	Night
		<input type="checkbox"/> None	<input type="checkbox"/> None
		<input type="checkbox"/> Red Incandescent	<input type="checkbox"/> Red Incandescent
		<input type="checkbox"/> Red Strobe	<input type="checkbox"/> Red Strobe
		<input type="checkbox"/> White Incandescent	White Incandescent
		<input type="checkbox"/> White Strobe	<input type="checkbox"/> White Strobe
		<input type="checkbox"/> Other:	<input type="checkbox"/> Other:

8.0 LADDERS AND PLATFORMS

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
- All items noted by a deficiency will be referred to in section 12 and 13

1.	Visually check the spacing of ladder rungs (10" to 16")	Yes	No
2.	Visually check the uniformity of the ladder spacing throughout the structure	Yes	No
3.	Visually check the ladder's vertical step clearance (greater than 4")	Yes	No
4.	Visually check the ladder's horizontal step clearance (greater than 4.5")	Yes	No
5.	Visually check the depth of the ladder step clearance (greater than 7")	Yes	No
6.	Visually check the ladder side rail spacing (greater than 12") unless center mounted safety rail or cable is used (greater than 16")	Yes	No
7.	Visually check the ladder round rung diameter (min .625", max 1.5" (2" flat rungs))	Yes	No
8.	Visually check the clearance from center of climbing facility to any obstruction is greater than 24"	N/A	1 2 3 4 5
9.	Visually check if the steel ladder rungs are hot dip galvanized	Yes	No
10.	If Any Items # 1-8 are not compliant, is a warning sign indicating this installed?	N/A	1 2 3 4 5
11.	Visually check if any of the mentioned components have any corrosion	Yes	No
12.	Visually check if the ladder has any loose/missing connections to the structure	Yes	No
13.	Visually check the platform's location (within 13" to 30" of the centerline of climbing facility)	Yes	No

9.0 FALL PROTECTION SYSTEM AND SAFETY

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
- All items noted by a deficiency will be referred to in section 12 and 13

		Yes	No
0.	Is this an AM Tower (If yes, Skip Items 1-11 below)		
1.	Visually check if a fall protection device exists on structures exceeding 10 feet	N/A	1 2 3 4 5
2.	Visually check if the rails or cables of the fall protection device are continuous	N/A	1 2 3 4 5
3.	Are all components of the safety climb system free of rust?	N/A	1 2 3 4 5
4.	Visually check if the cable of the fall protection device is properly tensioned and has no kinks or broken strands	N/A	1 2 3 4 5
5.	Is the cable secured by properly spaced cable guides?	N/A	1 2 3 4 5
6.	Visually check if the rail of the fall protection device has any loose/missing connections to the ladder	N/A	1 2 3 4 5
7.	Visually check the entering clearance for inside climb (greater than 30")	N/A	1 2 3 4 5
8.	Visually check the climbing clearance for obstructions (greater than 24" in diameter)	N/A	1 2 3 4 5
9.	Visually check if the ladder extends at least 3 feet beyond any platform	N/A	1 2 3 4 5
10.	Verify if the small warning signs are placed approx. 10 feet below and 10 feet above the non-conforming section	N/A	1 2 3 4 5
11.	Is the cable 3/8"?	Yes	No
12.	Is there any noticeable safety concerns?	Yes	No
13.	Verify if the warning sign is present at the bottom of the non-compliant structure	N/A	1 2 3 4 5
14.	Are there any bird nests on the tower?	N/A	1 2 3 4 5
15.	Is there FM or Broadcast on the tower that required a power down?	N/A	1 2 3 4 5
16.	How many antennas require power down?	0	1 2 3 4 5

10.0 GROUNDING SYSTEM

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
- All items noted by a deficiency will be referred to in section 12 and 13

		Yes	No
1.	Are all tower legs grounded (for center to center spacing greater than 4')? For tubular poles less than 4' does it have 2 connections?	Yes	No
2.	Grounding connections to each guyed wire	Yes	No
3.	Is the grounding cable attached vertically up all guy wires?	Yes	No
4.	Are the anchor heads grounded?	Yes	No
5.	Condition of cadwelds on tower	N/A	1 2 3 4 5
6.	Is there a lightning rod or static dissipation array installed on this tower? Condition?	N/A	1 2 3 4 5
7.	Is the lightning rod mounted in a location making it the highest point on the tower?	Yes	No
8.	Are all bend radiiuses greater than 12"	Yes	No
9.	Grounding connections to tower base <input checked="" type="checkbox"/> Cadweld <input type="checkbox"/> Compression Lug <input type="checkbox"/> Other	N/A	1 2 3 4 5
10.	Do all ground wires flow down and away from the structure?	Yes	No
11.	Does the ground system pass through or is it connected to the concrete foundation?	Yes	No

12.0 SUGGESTED STATEMENT OF WORK TO REPAIR DEFICIENT ITEMS

For every item noted below please ensure there is enough information in this report (or the documents listed in 13.1) for a third party to quote the correction.





























B level 5



2/11/2026 1:45 PM CST (40.502252,-86.730788)

B level 3



2/11/2026 1:42 PM CST (40.502252,-86.730788)



Base A



2/11/2026 1:06 PM CST (40.503748,-86.728775)

A Level 1



2/11/2026 1:08 PM CST (40.502267,-86.730801)

A level 2



2/11/2026 1:10 PM CST (40.505134,-86.727141)

A Level 3



2/11/2026 1:12 PM CST (40.502026,-86.731064)

A level 4



2/11/2026 1:16 PM CST (40.503765,-86.728808)

A level 5



2/11/2026 1:18 PM CST (40.503791,-86.72881)

Base B



2/11/2026 1:34 PM CST (40.502077, -86.73104)

B level 1



2/11/2026 1:37 PM CST (40.502082,-86.731034)

B level 2



2/11/2026 1:40 PM CST (40.502252,-86.730788)

B level 3



2/11/2026 1:42 PM CST (40.502252,-86.730788)

B level 4



2/11/2026 1:44 PM CST (40.502252,-86.730788)

B level 5



2/11/2026 1:45 PM CST (40.502252,-86.730788)

Base C



2/11/2026 1:54 PM CST (40.502712,-86.73130)

Base C



2/11/2026 1:54 PM CST (40.502712,-86.73130)

C level 1



2/11/2026 1:56 PM CST (40.502252,-86.731335)

C level 2



2/11/2026 1:57 PM CST (40.502252, -86.731335)

C level 2



2/11/2026 1:57 PM CST (40.502252, -86.731, 35)

C level 3



2/11/2026 1:58 PM CST (40.502252, -86.73335)

C level 4



2/11/2026 1:59 PM CST (40.502864, -86.730908)

C level 5



2/11/2026 2:00 PM CST (40.502864,-86.730908)

Base A



2/11/2026 1:06 PM CST (40.503748,-86.728775)

A Level 1



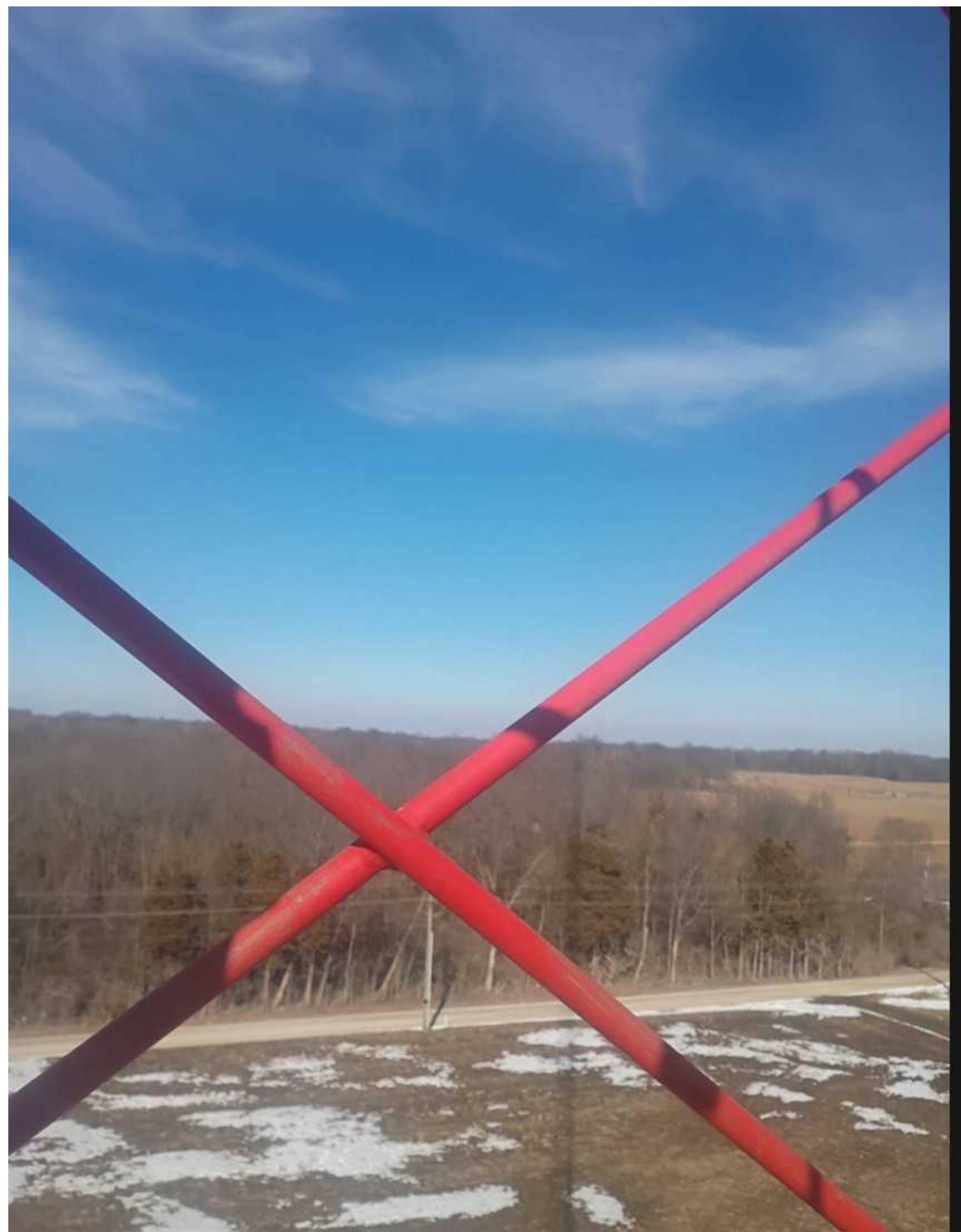
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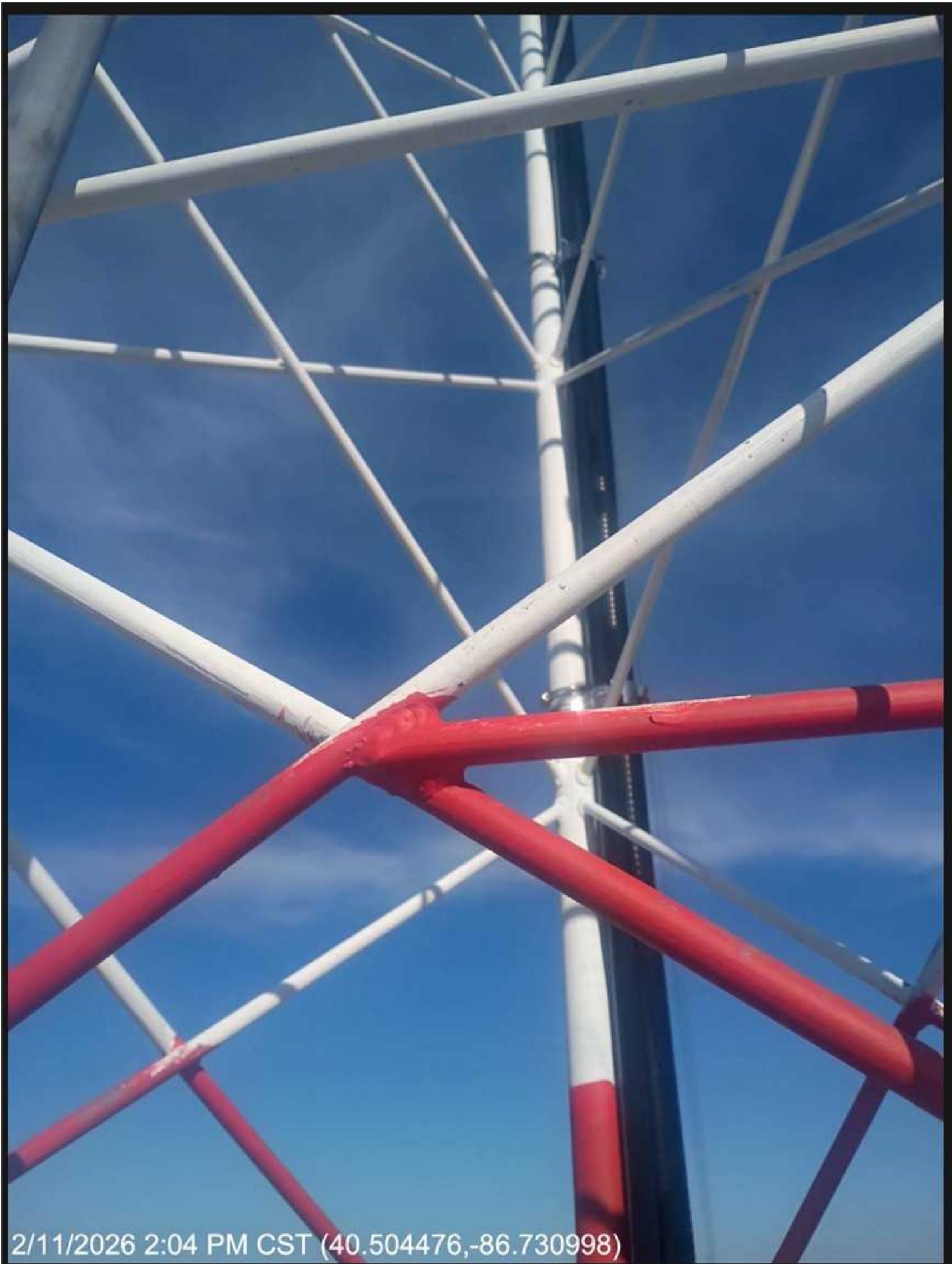


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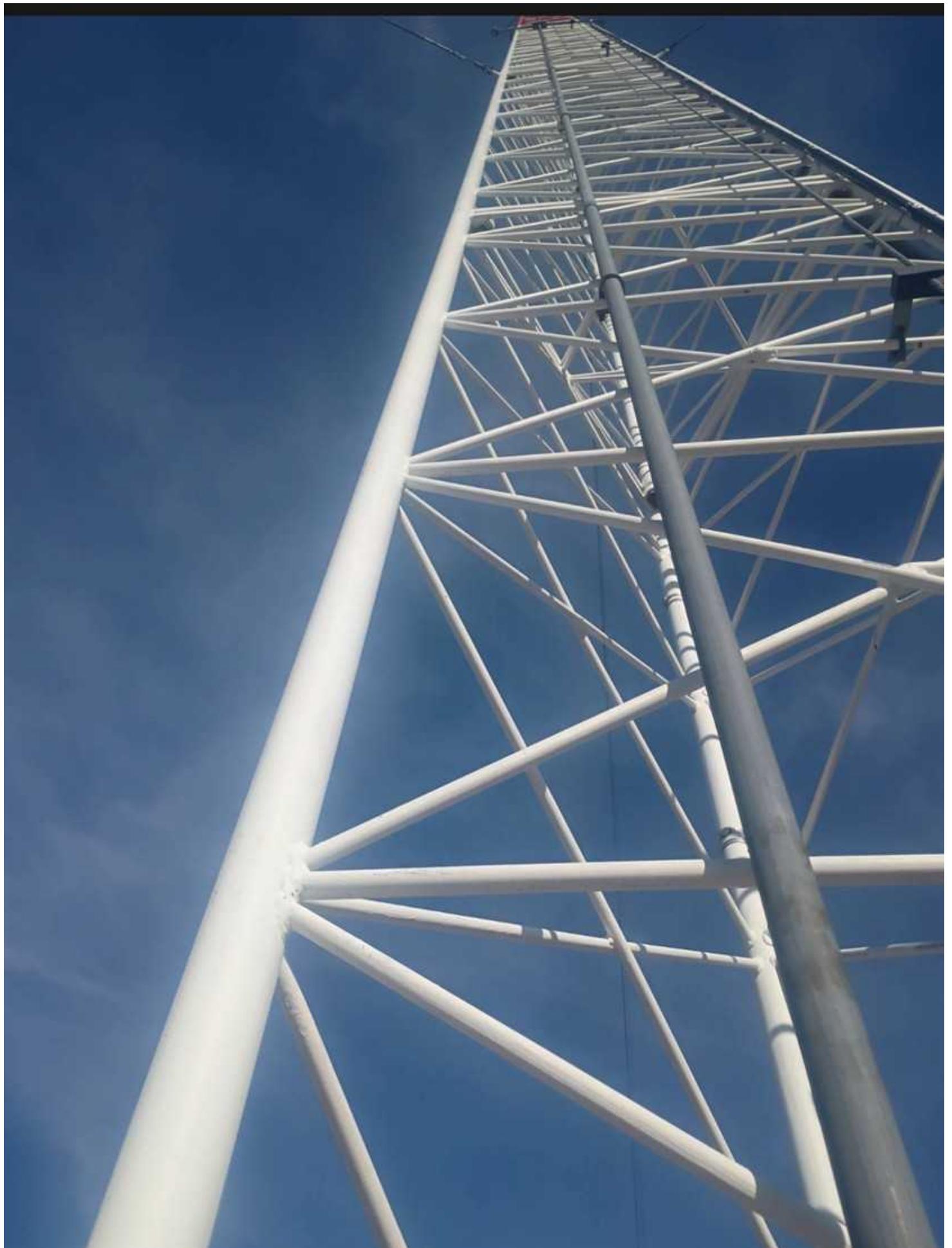
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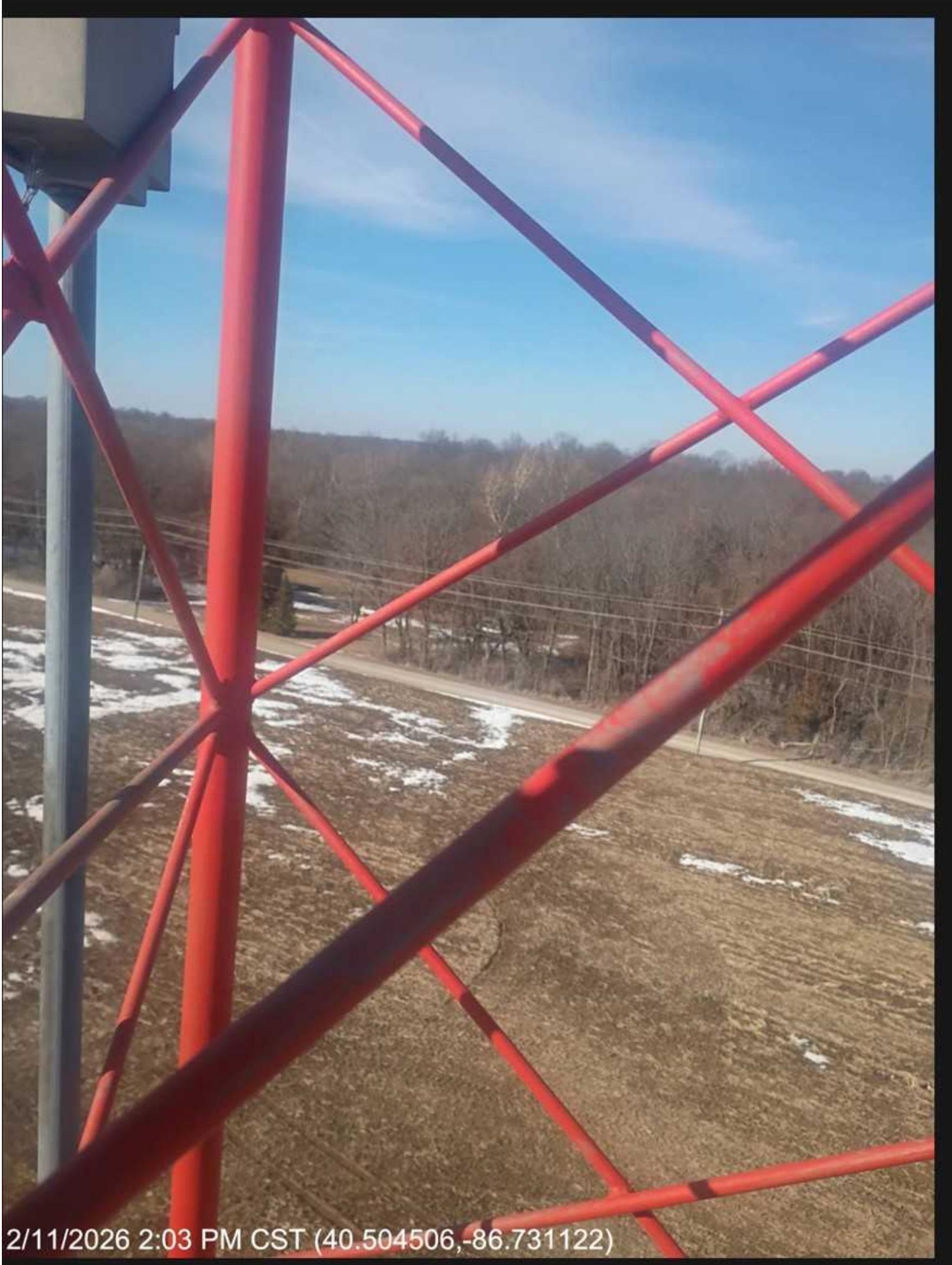


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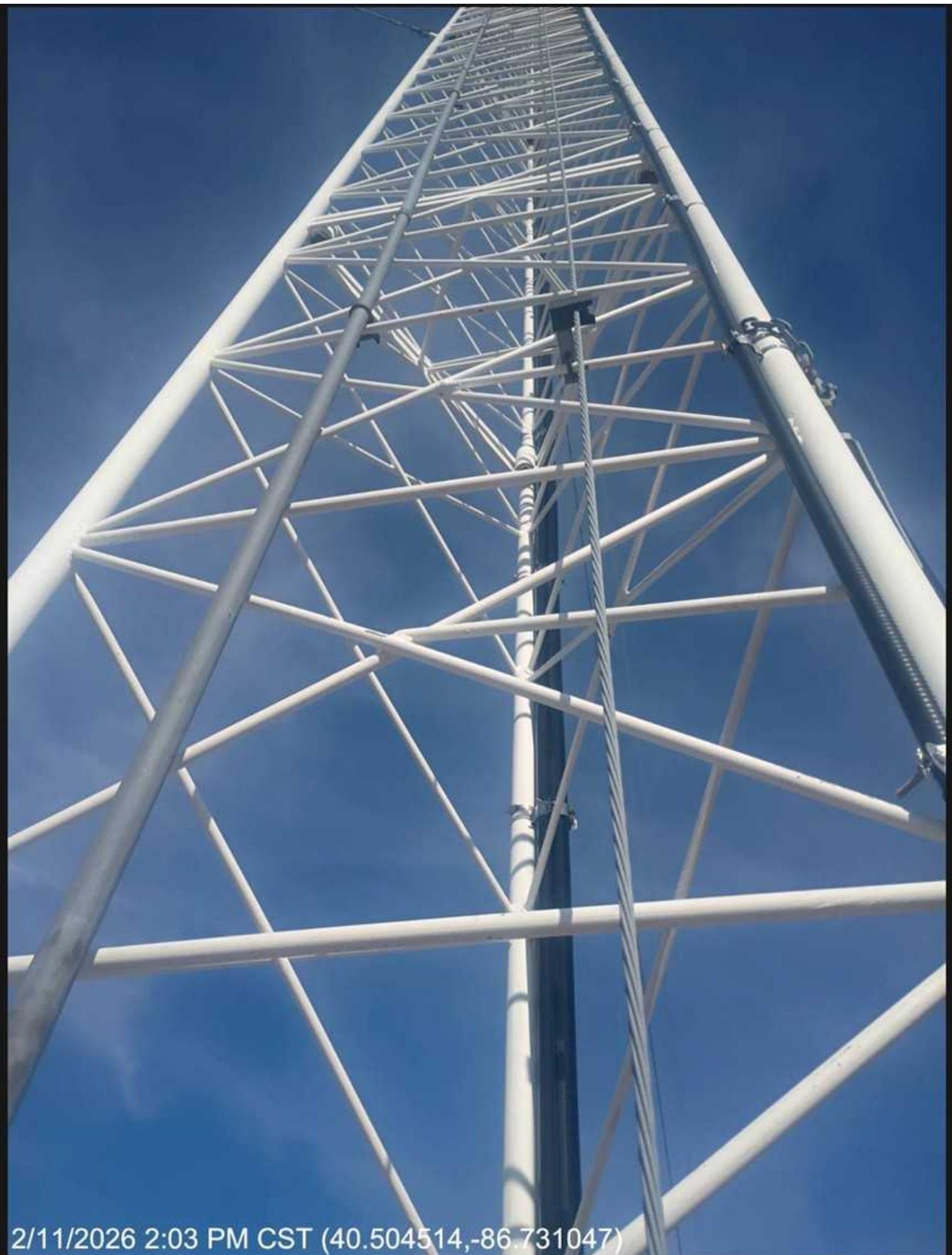




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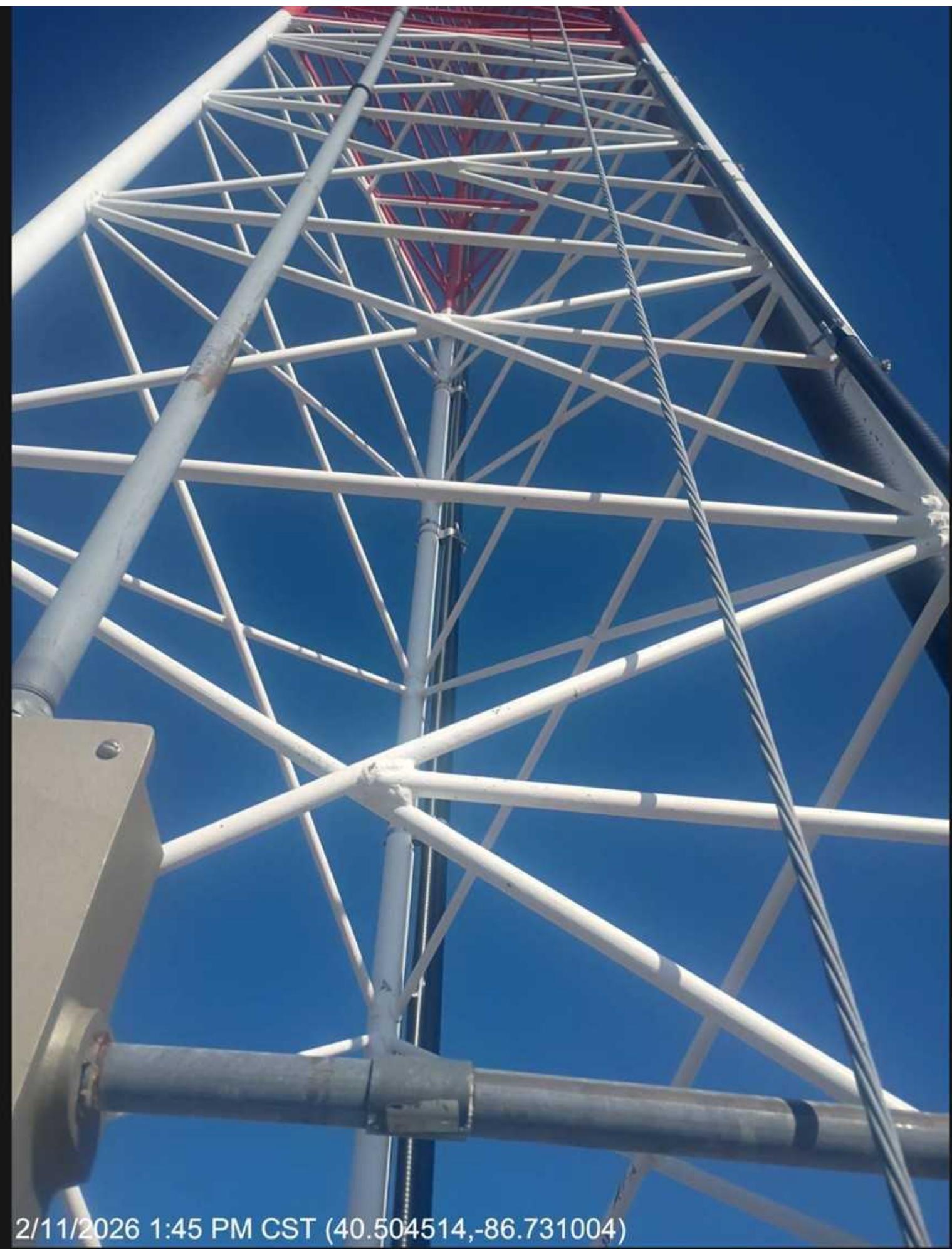
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futura

3.98

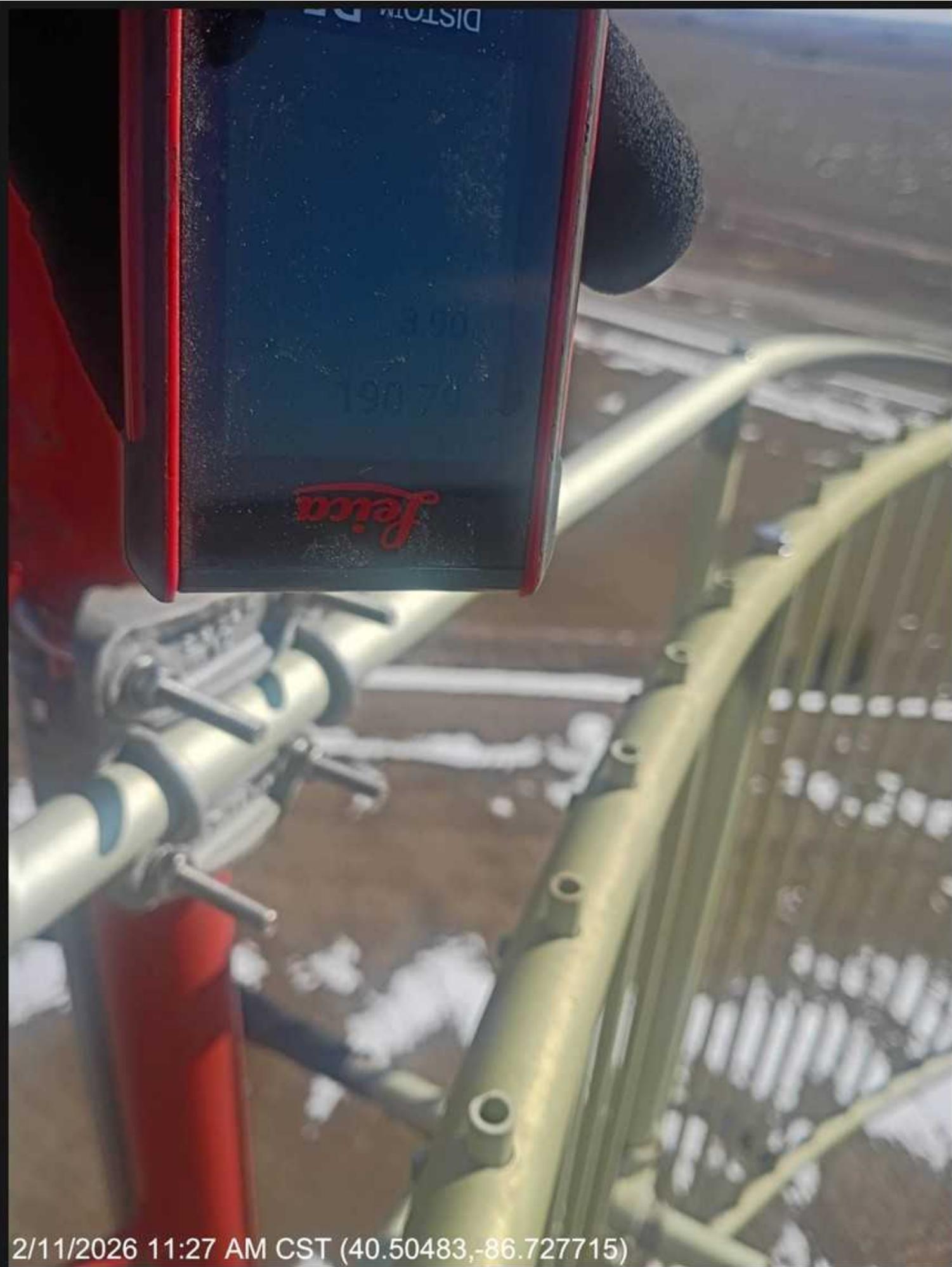
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DISTO D5

feica

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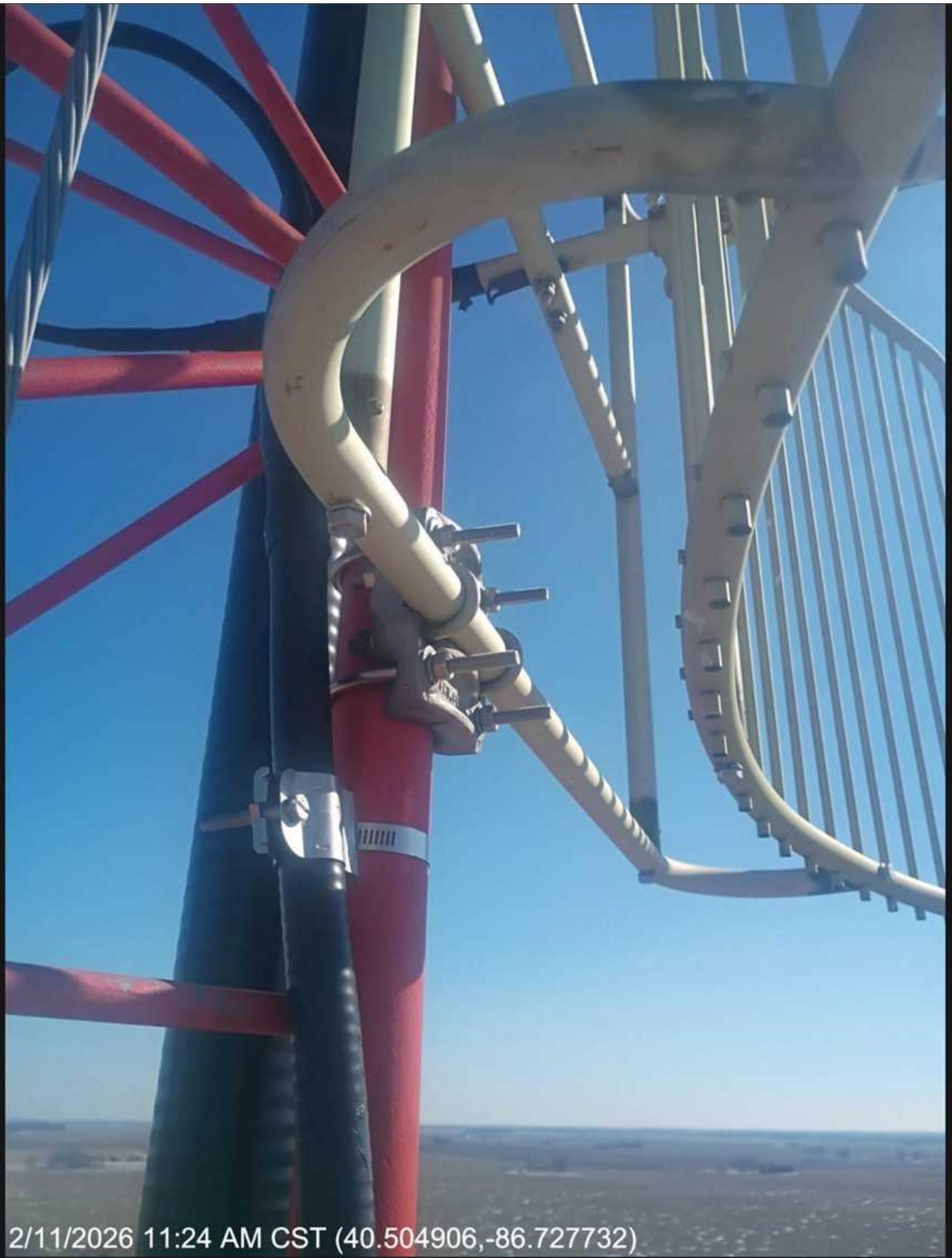


ESTO D5

ESTO



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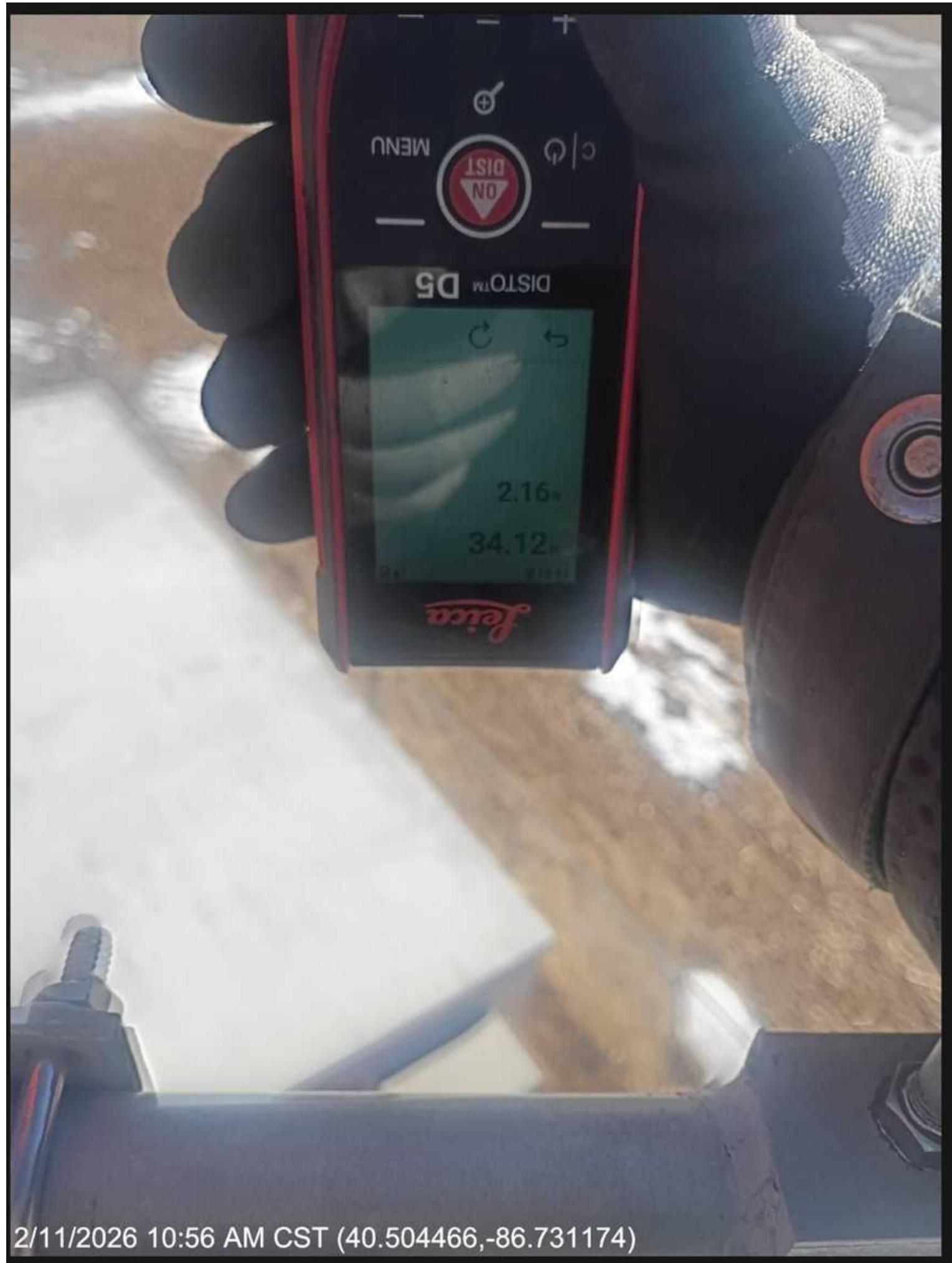
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34.12°

Foto

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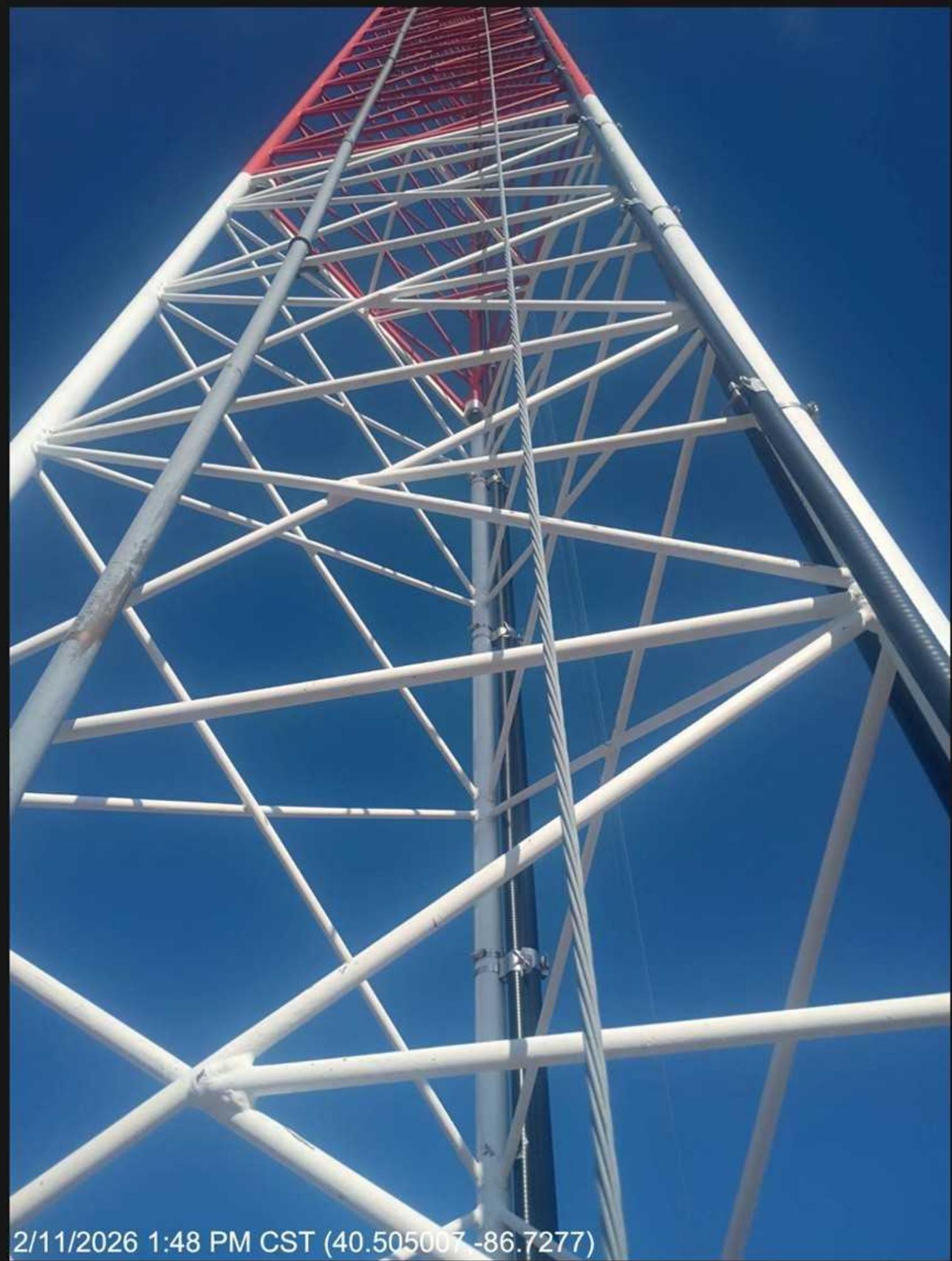
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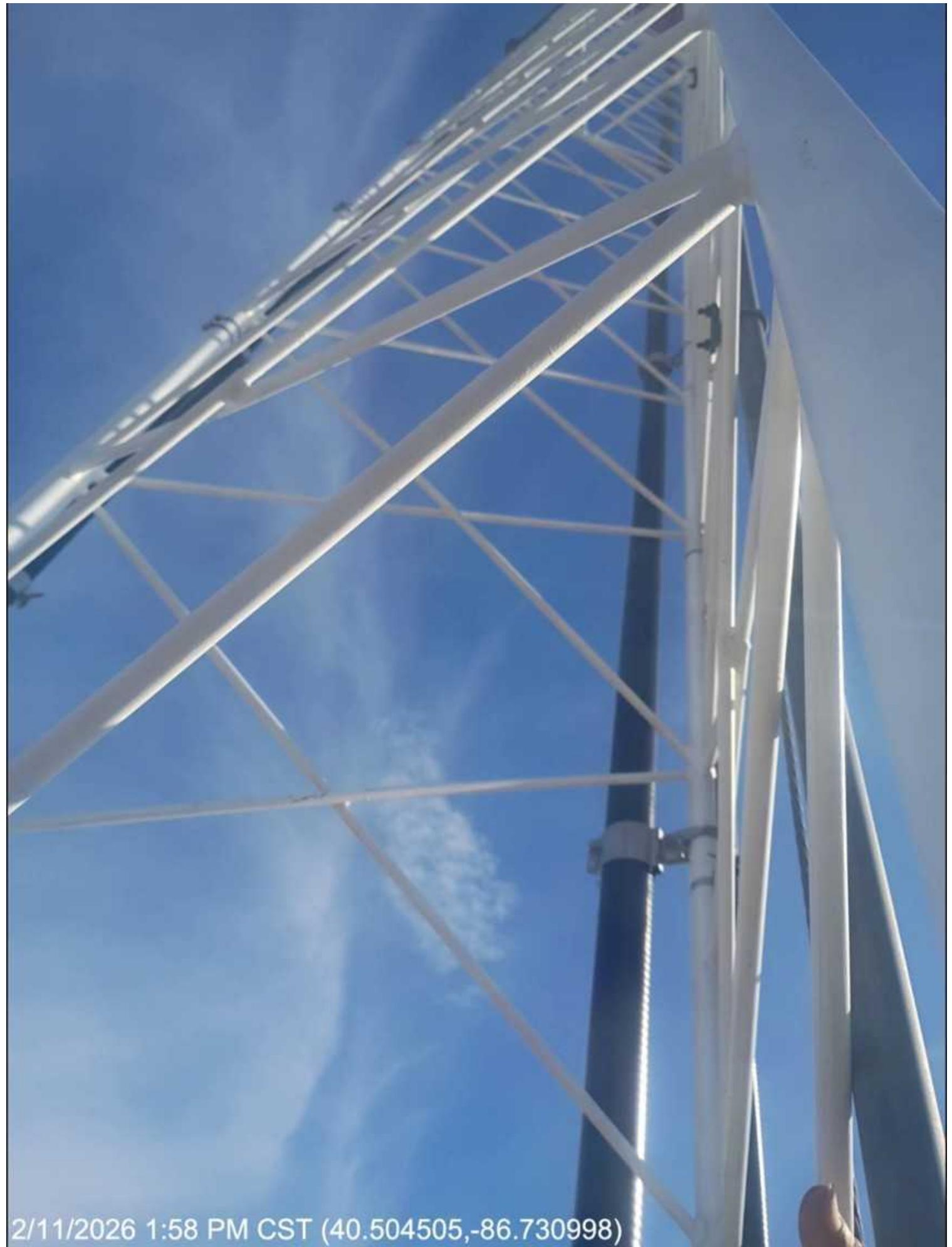
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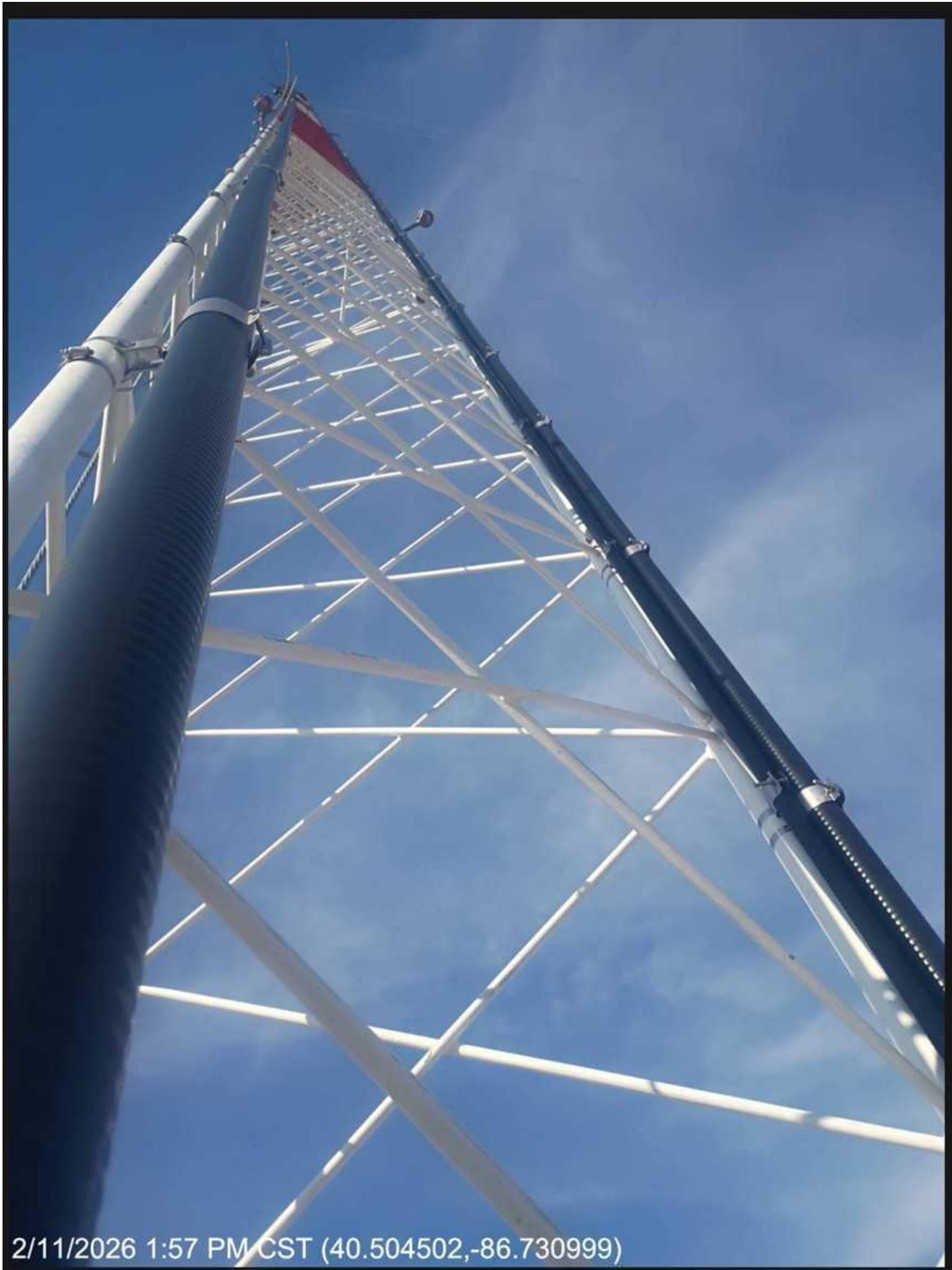
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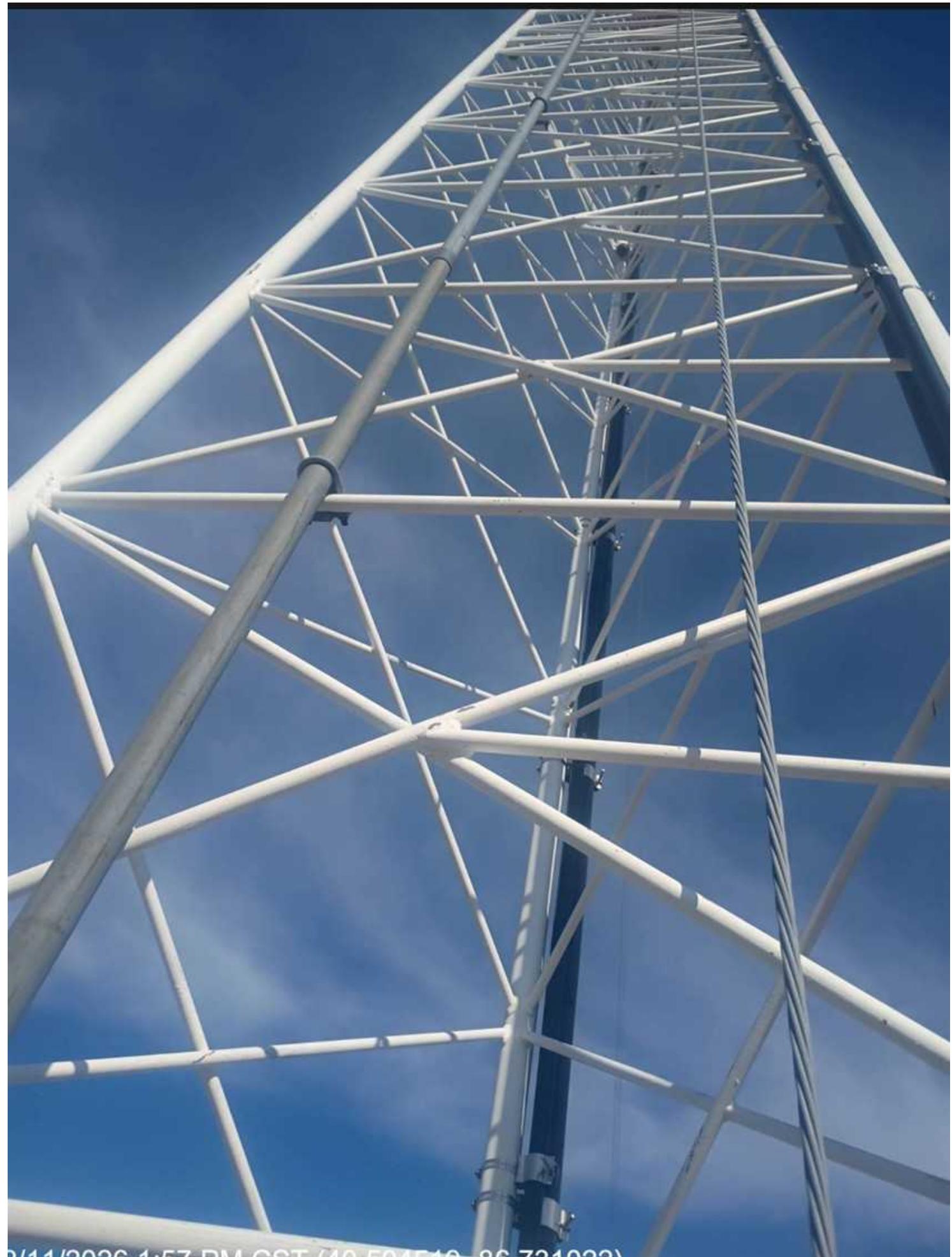
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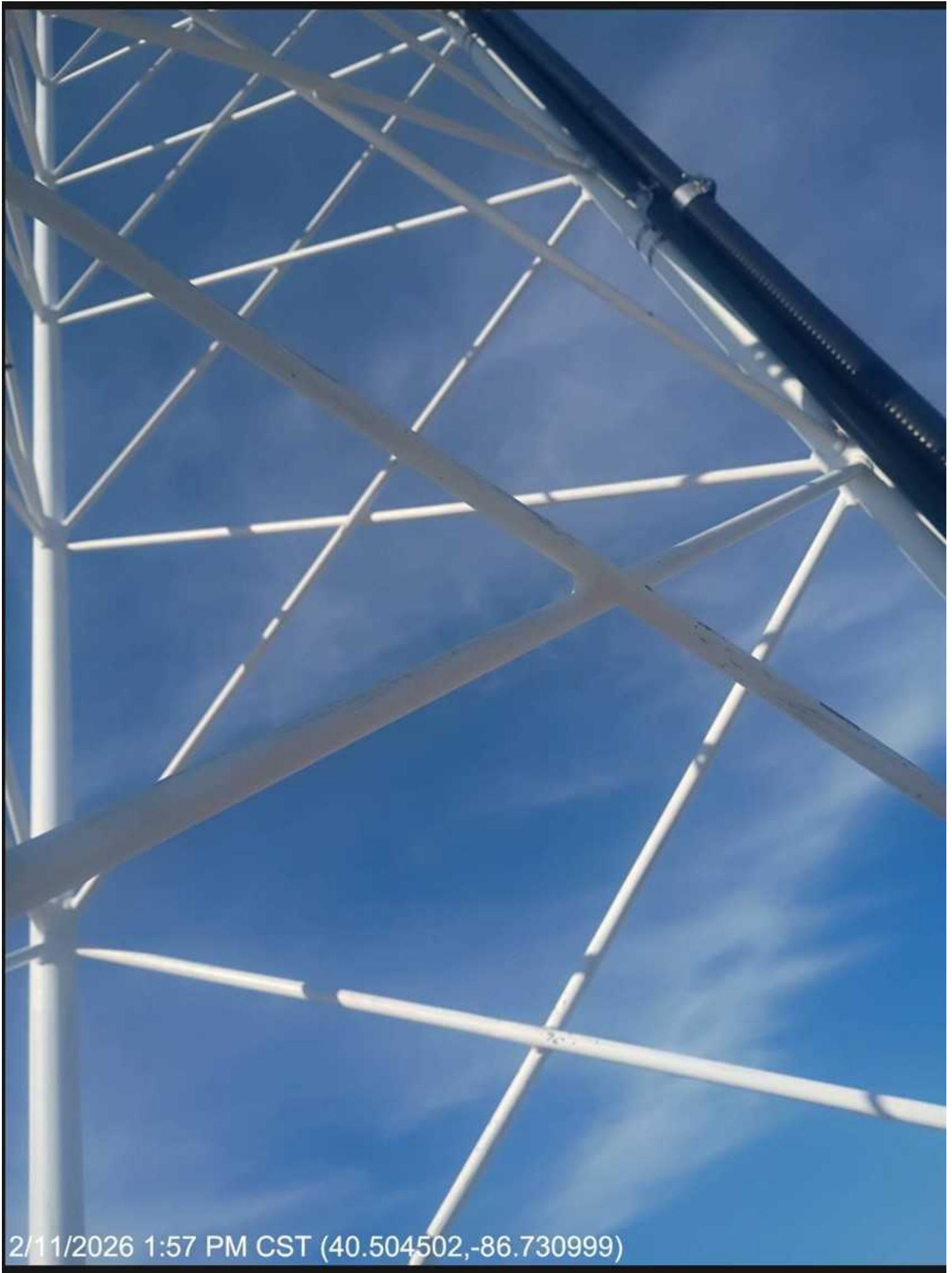
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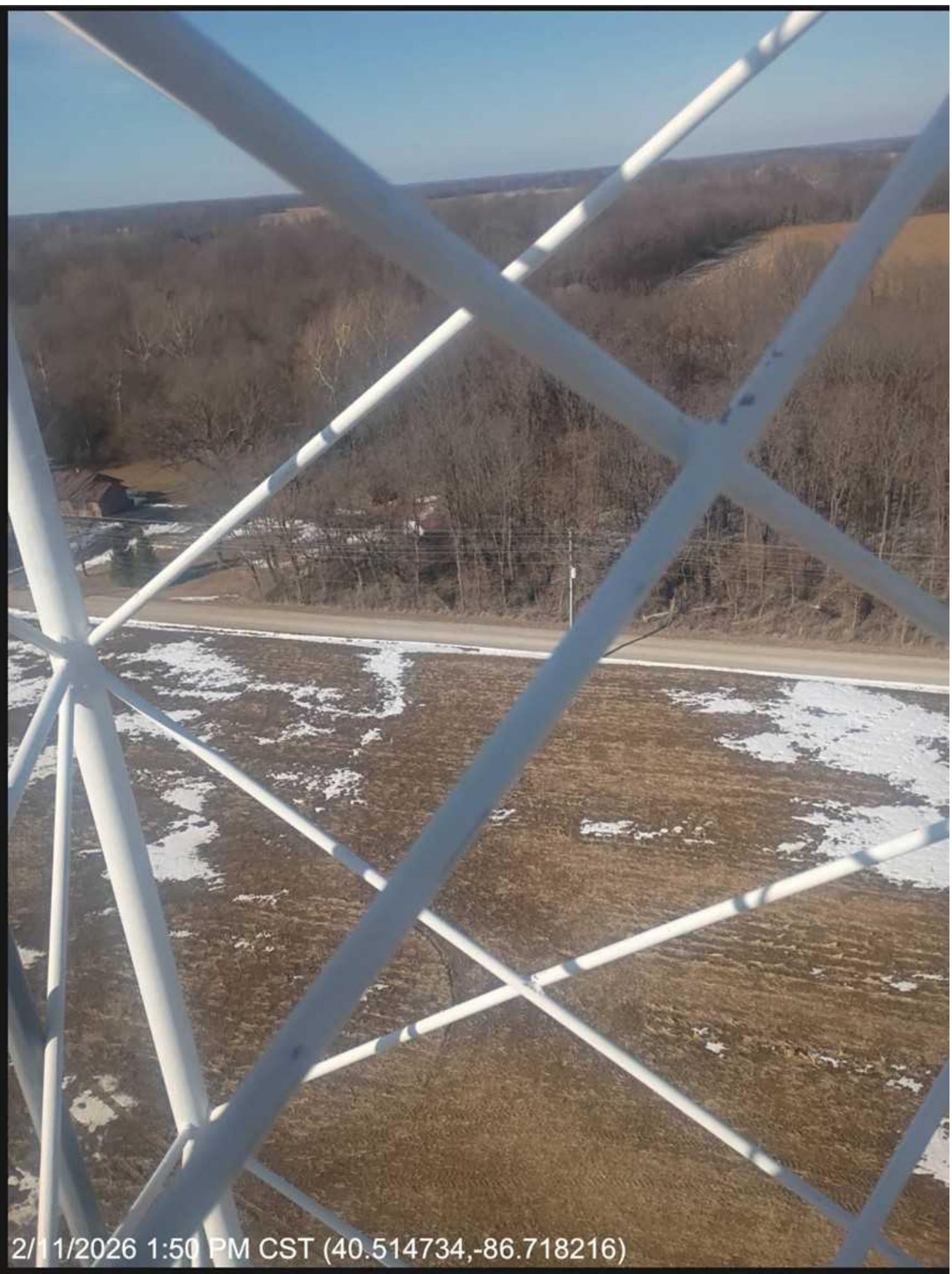
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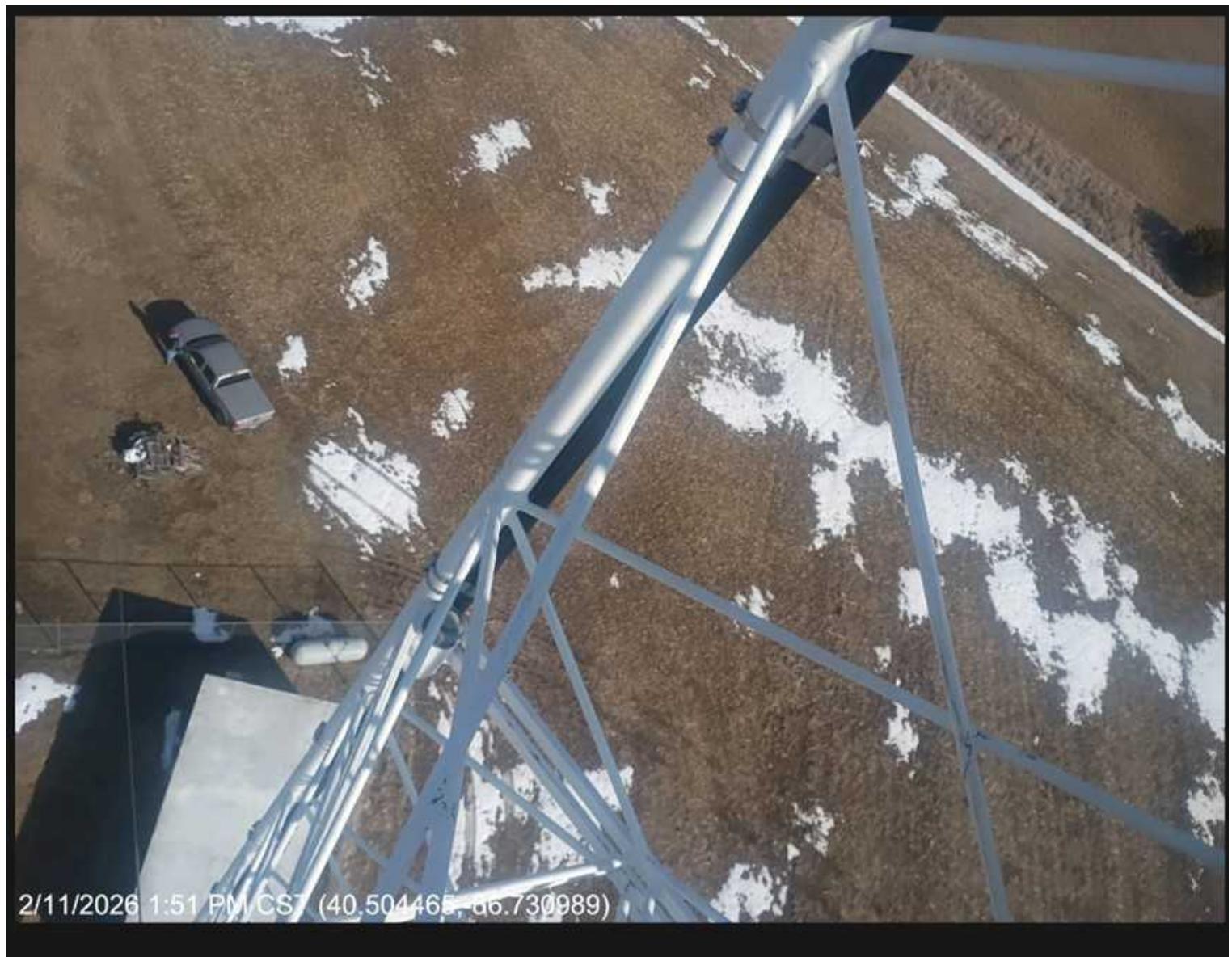
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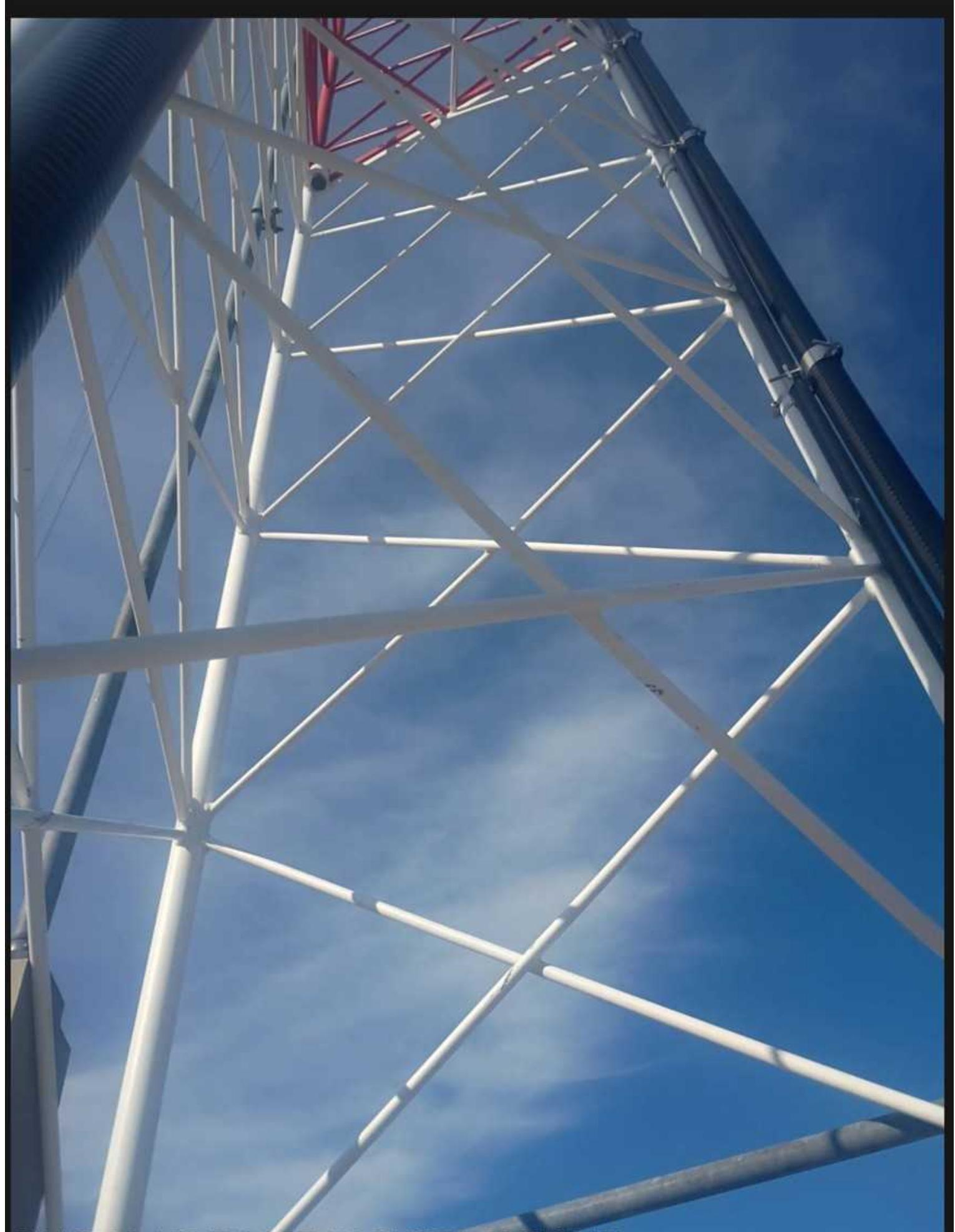
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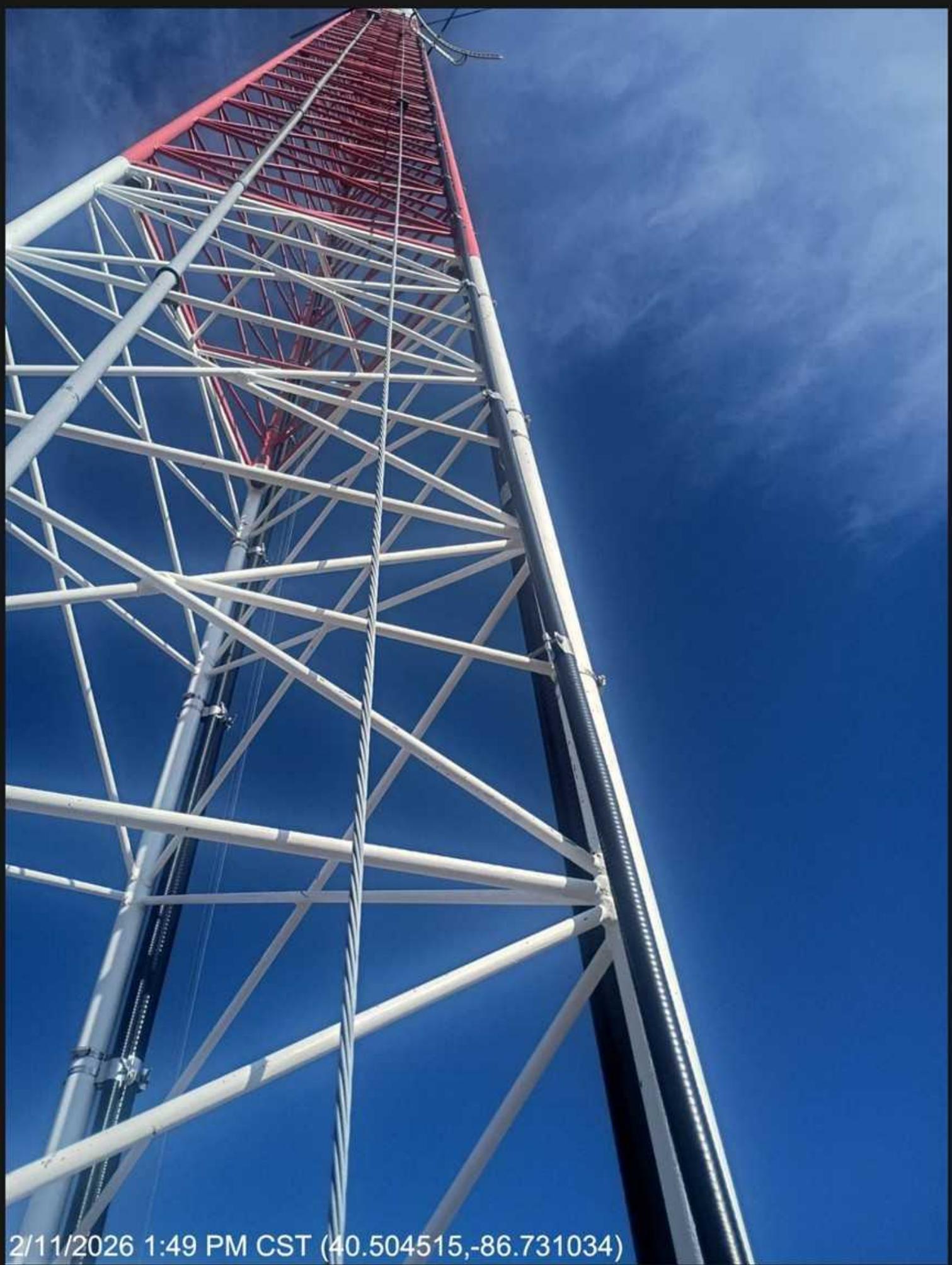


2014/03/01

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The purpose of this inspection template is to provide a uniform reporting template that facilitates a thorough TIA Inspection and allows anybody to read the inspection report along with any other documents noted herein and provide a quotation to remedy the deficient items noted.

This inspection needs to be performed by an individual that is competently trained on ANSI/TIA-222-H, and familiar with ANSI A10.48 and ANSI/TIA-322.

1.0 TOWER SUMMARY

Tower Manufacturer:	F.R.I Electronics Research Inc.
Tower Type:	gated
Tower Structure Height:	500ft
Appurtenance Height	
Latitude:	40.503333
Longitude:	-86.297222
Ground Elevation:	680 ft
Site Address:	9187 East 600 North
Directions:	
FCC ASR#:	
Call Sign:	
Tower ID Plate:	ERI Electronics Research Inc.
Telephone Company:	
Pedestal # & Location:	
Power Company:	
Meter # and Owner:	
Inspection Date:	02/11/2026
Weather Conditions:	Sunny
Tower Paint:	Aviation orange and white
Is Tower safe to climb?	Yes
Are there power down requirements?	Yes

2.0 ACCESS ROAD, COMPOUND AREA & SHELTER

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
- All items noted by a deficiency will be referred to in section 12 and 13

		Yes	No
		N/A	1 2 3 4 5
1.	Is there an access gate to the site?	(Yes)	No
2.	Is the access gate in good condition and free to rotate open and close?	(N/A)	1 2 3 4 5
3.	Does the access gate have a combination lock?	(Yes)	No
4.	Can the site be accessed by a 2WD vehicle?	(N/A)	1 2 3 (4) 5
5.	Is access roadbed and surface in good condition?	(N/A)	1 2 3 (4) 5
6.	Are Site ID, FCC Registration #, and RF Warning signs present and legible?	(N/A)	1 2 3 (4) 5
7.	Is compound fenced and are fences/gates/locks in good condition?	(N/A)	1 2 3 (4) 5
8.	Are grounding connections on fence posts and gate in good condition?	(N/A)	1 2 3 4 5
9.	Is compound surface in good condition?	(N/A)	1 2 3 (4) 5
10.	Compound surface type? <input checked="" type="checkbox"/> Gravel <input checked="" type="checkbox"/> Limestone <input type="checkbox"/> Other Condition?	(Yes)	No
11.	Does the compound have a combination lock?	(N/A)	1 2 3 4 5
12.	Is the compound in good condition with minimal debris or overgrowth?	(N/A)	1 2 3 (4) 5
13.	Are there low spots to collect moisture?	(N/A)	1 2 3 4 5
14.	Is equipment shelter in good overall condition and secure?	(N/A)	1 2 3 4 (5)
15.	Is shelter properly oriented and seated on its foundation?	(N/A)	1 2 3 4 5
16.	Is shelter foundation cracking, spalling or shifting?	(N/A)	1 2 3 4 5
17.	Are outdoor radio enclosures in good overall condition and secure?	(N/A)	1 2 3 4 5
18.	Are equipment platforms in good condition?	(N/A)	1 2 3 4 5
19.	Are sidewalks, steps, stairways or ramps in good overall condition?	(N/A)	1 2 3 4 5
20.	Are ice bridges in good condition and horizontal lines secure?	(N/A)	1 2 (3) 4 5
21.	Are feedlines properly grounded at the shelter entry port and at the bottom of the vertical run?	(N/A)	1 2 (3) 4 5
22.	Are all grounding connections on shelter, equipment, and ice bridges in good condition?	(N/A)	1 2 3 (4) 5
23.	Are outdoor propane tanks and generators in good overall condition?	(N/A)	1 2 3 4 (5)
24.	Are all grounding connections on propane tanks and generators in good condition?	(N/A)	1 2 3 4 5
25.	Are power and telco demarcations in good condition?	(N/A)	1 2 3 4 5
26.	Is the compound area clear of clutter and vegetation?	(N/A)	1 2 3 (4) 5
27.	Are the Base Insulator, Spark Gap, and Isolation coupler in good condition?	(N/A)	1 2 3 4 5
28.	Observe general condition of any antenna or appurtenances mounted on the equipment shelter roof	(N/A)	1 2 3 4 5

3.0 TOWER STRUCTURE

* Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
 * All items noted by a deficiency will be referred to in section 12 and 13

1.	Is tower foundation cracking, spalling or shifting?	N/A 1 2 3 4 5
2.	Are all tower base nuts and locks secure?	Yes No
3.	Is there tower base bolt corrosion?	N/A 1 2 3 4 5
4.	Are there any signs of the monopole or tower legs cracking around the base or base welds?	Yes No
5.	Are all bolts and nuts tight?	N/A 1 2 3 4 5
6.	Is the tower free of rust?	N/A 1 2 3 4 5
7.	Are the tower leg drain holes open?	N/A 1 2 3 4 5
8.	Is grout in place and in good condition?	N/A 1 2 3 4 5
9.	Are all grounding connections on tower base in good condition?	N/A 1 2 3 4 5
10.	Observe all structural members for bends, cracks and loose connections and welds, missing bolts or corrosion	N/A 1 2 3 4 5
11.	Observe all torsion arms for bends, cracks and loose connections and welds, missing bolts or corrosion	N/A 1 2 3 4 5
12.	Observe to insure any weep holes are unclogged	N/A 1 2 3 4 5
13.	Visually check at least (10) bolts on vertical tower members at twenty foot intervals, for proper type, size and fit. $\frac{3}{8}$ "x3"	N/A 1 2 3 4 5
14.	Is the tower galvanizing in good condition with minimal deterioration?	N/A 1 2 3 4 5
15.	Has the tower been reinforced?	Yes No
16.	Is the tower painted with (7) equally spaced bands of orange and white?	Yes No
17.	Observe protective coating for corrosion, flaking or faded paint, flaking galvanizing and tower visibility. note whether tower paint conforms to federal regulations in summary 1.1	N/A 1 2 3 4 5
18.	Observe cable bridge and supports for corrosion, loose or missing hardware	N/A 1 2 3 4 5
19.	Observe cable ladder and supports for corrosion, loose or missing hardware	N/A 1 2 3 4 5
20.	Observe if ice bridge is protecting transmission lines from dropped or falling objects	N/A 1 2 3 4 5
21.	Are Tower lights obstructed?	N/A 1 2 3 4 5
22.	Observe presence of lightning rods and their uppermost location on the tower	N/A 1 2 3 4 5
23.	Observe lightning rods for damage, corrosion, loose or missing hardware	N/A 1 2 3 4 5
24.	Verify tower id tag present and legible	Yes No
25.	Observe and record TX line grounding-verify top, bottom, shelter entry connections	N/A 1 2 3 4 5
26.	Verify coax painted if tower painted; inside and outside runs	N/A 1 2 3 4 5
27.	Verify proper bending radius on transmission lines	N/A 1 2 3 4 5
28.	Observe openings on cable ladder-per face	N/A 1 2 3 4 5
29.	Observe am detuning circuit and skirt condition if present	N/A 1 2 3 4 5

3.1 TOWER TWIST & PLUMB INITIAL

- Using the reference standard TIA-222H, Structural Standard for Antenna Supporting Structures and Antennas

Manufacturer	Dillon
Model Number	100002
Serial Number	10002
Recalibration Date	10/26/2026

3.2 TOWER TWIST & PLUMB FINAL

The Tower Twist and Plumb values were not adjusted while on site.

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
- All items noted by a deficiency will be referred to in section 12 and 13

1.	Check visible guy anchor rods and equalizer plates for cracks, poor welds, rust and alignment with the tower	N/A 1 2 3 4 5
2.	Check visible guy anchor blocks for cracks, spalling, erosion or signs of movement	N/A 1 2 3 4 5
3.	Check guy anchors and the surrounding area for heavy brush, vegetation, trees or obstructions	N/A 1 2 3 4 5
4.	Check guy anchors and/or wires for minimum grounding as defined by the current standards	Yes No
5.	Are the anchor heads and turnbuckle hardware free from soil build-up?	Yes No
6.	Are anchor rods free of corrosion? (dig down 36" x 12" along each anchor shaft with photos)?	Yes No
8.	Number of guy anchors	3 6 9 12 15
10.	Check ground system for rusty, loose, broken or missing ground wires or connectors	n/a 1 2 3 4 5
11.	Check guy cable for corrosion or damaged strands	N/A 1 2 3 4 5
12.	Check guy cable aviation warning markers with the use of binoculars for general condition	N/A 1 2 3 4 5
13.	Check guy cable preforms or cable clamps for proper installation, corrosion, loose or missing hardware	N/A 1 2 3 4 5
14.	Check hairpins or turnbuckles for proper installation, corrosion, loose or missing hardware and sufficient hardware adjustment space	N/A 1 2 3 4 5
15.	Do the turnbuckles have a minimum 2" range on either side for future adjustment?	N/A 1 2 3 4 5
16.	Check thimbles, sockets, shackles and pins for proper installation, corrosion, damage or missing hardware	N/A 1 2 3 4 5
17.	Check the general condition of any guy anchor fences or other security devices	N/A 1 2 3 4 5
18.	Check if ice breaks are present on guy lines above grounding	N/A 1 2 3 4 5
19.	Check if anode system is present on anchor to prevent corrosion	N/A 1 2 3 4 5
20.	Check if tar is present on anchor shaft and metal parts of anchor in the ground to prevent corrosion	N/A 1 2 3 4 5
21.	Check soil/overburden for loss of material, settlement or changes	N/A 1 2 3 4 5
22.	Corrosion severity factor (at 6"-12" below grade) Individual Guy Wire Corrosion	N/A 1 2 3 4 5
23.	Guy level 1	Anchor A N/A 1 2 3 4 5
24.	Guy levels 2-8	Anchor B N/A 1 2 3 4 5
25.		Anchor C N/A 1 2 3 4 5
26.		
27.		
28.		
29.		
30.	Is the guy anchor in-line with guy lines?	Yes No
31.	Is the guy wire serving properly installed?	Yes No
32.	Are the guy dampers secured and in good condition?	Yes No

		<i>Yes</i>	No
33.	Is each turnbuckle safety wire properly installed and secure? If not, make corrections.	<i>N/A</i>	1 2 3 4 5
34.	Are Phillystran Insulators Installed? Condition?	<i>N/A</i>	1 2 3 4 5
35.	Are Guy Strain Insulators Installed? Condition?	<i>N/A</i>	1 2 3 4 5
36.	Are the guy wire Johnny ball insulators in good condition with no visible damage?	<i>N/A</i>	1 2 3 4 5
39.	Are the fences around the anchors in good condition?	<i>N/A</i>	1 2 3 4 5

4.1 GUY TENSION INITIAL

**The limit is +/- 10% max deviation per EIA/TIA 222-G standards on guys less than 1"

MANUFACTURER	billon
MODEL NUMBER	100 002
SERIAL NUMBER	100 002
RECALIBRATION DATE	10/26/2026
AVERAGE TEMPURATURE	38°
AVERAGE WINDSPEED & DIRECTION	8 mph 305° NW

4.2 GUY TENSION FINAL

Were guy tensions adjusted while on-site?

5.0 PIPE LEG THICKNESS

6.0 ANTENNAS AND TRANSMISSION LINES

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A not applicable to this tower)
- All items noted by a deficiency will be referred to in section 12 and 13.

		Yes	No
1.	Check antennas for dents, bullet holes, damaged feedhorns, broken or missing elements, obvious air leaks or shifting	Yes	No
2.	Check reflectors for dents, bullet holes, broken structural supports and shifting	Yes	No
3.	Check radome covers for proper installation, dents, tears, cracks, and shifting	Yes	No
4.	Check feedhorn stabilizer wires for tension, missing components, rust	N/A 1 2 3 4 5	
5.	Check all antenna, reflector, radome, and stiffarm mounting hardware for rust and loose or missing bolts	N/A 1 2 3 4 5	
6.	Check antennas for proper type of stiffarm or tieback, check effectiveness of mounting arrangement	N/A 1 2 3 4 5	
7.	Check transmission lines for proper bends, dents bullet holes, chaffed jackets and obvious air leaks	N/A 1 2 3 4 5	
8.	Check transmission lines for proper spacing of standoffs, hangers, tie-wraps or wrap lock	N/A 1 2 3 4 5	
9.	Check transmission lines for rusty, loose, frayed or missing grounding straps or jumpers	N/A 1 2 3 4 5	
10.	Check transmission lines for proper hoist grip installation	N/A 1 2 3 4 5	
11.	Check transmission line connectors for missing hardware, weatherproofing or obvious air leaks	N/A 1 2 3 4 5	
12.	Check dehydrator for proper pressure and operation	Yes	No
13.	Check junction boxes and all electrical components for cracks, poor connections, frayed wiring, loose or missing hardware	N/A 1 2 3 4 5	
14.	Is the conduit, junction boxes, and fasteners weather-tight and secured to tower?	N/A 1 2 3 4 5	
15.	Check if any antennas and transmission lines no longer in service or abandoned	Yes	No
16.	Check horizontal cable run for sufficient expansion/contraction allowance	N/A 1 2 3 4 5	
17.	Are all antenna mounts secured to the tower with galvanized hardware?	N/A 1 2 3 4 5	
18.	Are all antenna mounts in use?	Yes	No

7.0 LIGHT SYSTEM

* Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS)
 * All items noted by a deficiency will be referred to in section 12 and 13.

1. Verify that lighting system is operational	<input checked="" type="checkbox"/>	No
2. Observe lightning system for flash sequence as specified by current federal regulations for the type of system in use	<input checked="" type="checkbox"/>	No
3. Check photoelectric controls for proper operation	<input checked="" type="checkbox"/>	No
4. Observe lenses for cracks, bullet holes or broken glass	<input checked="" type="checkbox"/>	No
5. Observe lenses for paint over spray, dirt contamination or discoloration from environmental trappings	<input checked="" type="checkbox"/>	No
6. Observe lenses for properly functioning gaskets and retainer rings	<input checked="" type="checkbox"/>	No
7. Observe assembly hardware for broken, corroded or missing hardware	N/A	1 2 3 4 (5)
8. Observe all electrical components and wiring for cracks, poor connections frayed wiring, loose or missing hardware	N/A	1 2 3 4 (5)
9. Observe all conduit and junction boxes for corrosion, loose or missing hardware or signs of leakage	N/a	1 2 3 4 (5)

7.1 LIGHT SYSTEM INVENTORY

*Detail all information as best as possible

1. Controller manufacturer		
2. Controller model number		
3. Number of controllers		
4. Controller serial numbers		
5. Total number of tower beacons	1	
6. Total number of tower strobes	5	
7. Number of beacon/strobe levels	3	
8. Total number of markers on tower	2	
9. Number of marker levels		
10. Light System Type	Daytime	Night
	<input type="checkbox"/> None	<input type="checkbox"/> None
	<input checked="" type="checkbox"/> Red Incandescent	<input type="checkbox"/> Red Incandescent
	<input checked="" type="checkbox"/> Red Strobe	<input type="checkbox"/> Red Strobe
	<input type="checkbox"/> White Incandescent	White Incandescent
	<input type="checkbox"/> White Strobe	<input checked="" type="checkbox"/> White Strobe
	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:

8.0 LADDERS AND CLIMBING FACILITIES

- Rated items are on a scale of 1-5 (1 = good, 5 = poor)
- All items noted by a deficiency will be referred to in Section 9.

1. Visually check the spacing of ladder rungs (10" to 16")	Yes	No
2. Visually check the uniformity of the ladder spacing throughout the structure	Yes	No
3. Visually check the ladder's vertical step clearance (greater than 4")	Yes	No
4. Visually check the ladder's horizontal step clearance (greater than 4.5")	Yes	No
5. Visually check the depth of the ladder step clearance (greater than 7")	Yes	No
6. Visually check the ladder side rail spacing (greater than 12") unless center mounted safety rail or cable is used (greater than 16")	Yes	No
7. Visually check the ladder round rung diameter (min .625", max 1.5" (2" flat rungs))	Yes	No
8. Visually check the clearance from center of climbing facility to any obstruction is greater than 24"	N/A	1 2 3 4 5
9. Visually check if the steel ladder rungs are hot dip galvanized	Yes	No
10. If Any Items # 1-8 are not compliant, is a warning sign indicating this installed?	N/A	1 2 3 4 5
11. Visually check if any of the mentioned components have any corrosion	Yes	No
12. Visually check if the ladder has any loose/missing connections to the structure	Yes	No
13. Visually check the platform's location (within 13" to 30" of the centerline of climbing facility)	Yes	No

9.0 FALL PROTECTION

* Rated items are on a scale of 1-5 (1 being a problem, 5 being a deficiency)

* All items noted by a deficiency will be referred to in section 12 and 13

		Yes	No
0.	Is this an AM Tower (If yes, Skip Items 1-11 below)	N/A	1 2 3 4 5
1.	Visually check if a fall protection device exists on structures exceeding 10 feet	N/A	1 2 3 4 5
2.	Visually check if the rails or cables of the fall protection device are continuous	N/A	1 2 3 4 5
3.	Are all components of the safety climb system free of rust?	N/A	1 2 3 4 5
4.	Visually check if the cable of the fall protection device is properly tensioned and has no kinks or broken strands	N/A	1 2 3 4 5
5.	Is the cable secured by properly spaced cable guides?	N/A	1 2 3 4 5
6.	Visually check if the rail of the fall protection device has any loose/missing connections to the ladder	N/A	1 2 3 4 5
7.	Visually check the entering clearance for inside climb (greater than 30")	N/A	1 2 3 4 5
8.	Visually check the climbing clearance for obstructions (greater than 24" in diameter)	N/A	1 2 3 4 5
9.	Visually check if the ladder extends at least 3 feet beyond any platform	N/A	1 2 3 4 5
10.	Verify if the small warning signs are placed approx. 10 feet below and 10 feet above the non-conforming section	N/A	1 2 3 4 5
11.	Is the cable 3/8"?	Yes	No
12.	Is there any noticeable safety concerns?	Yes	No
13.	Verify if the warning sign is present at the bottom of the non-compliant structure	N/A	1 2 3 4 5
14.	Are there any bird nests on the tower?	N/A	1 2 3 4 5
15.	Is there FM or Broadcast on the tower that required a power down?	N/A	1 2 3 4 5
16.	How many antennas require power down?	0 1 2 3 4 5	

10.0 GROUNDING SYSTEM

- Rated items are on a scale of 1-5 (1 being a FAIL, 5 being a PASS, and N/A)
- All items noted by a deficiency will be referred to in section 12 and 13

1.	Are all tower legs grounded (for center to center spacing greater than 4')? For tubular poles less than 4' does it have 2 connections?	Yes	No
2.	Grounding connections to each guyed wire	Yes	No
3.	Is the grounding cable attached vertically up all guy wires?	Yes	No
4.	Are the anchor heads grounded?	Yes	No
5.	Condition of cadwelds on tower	N/A	1 2 3 4 5
6.	Is there a lightning rod or static dissipation array installed on this tower? Condition?	N/A	1 2 3 4 (5)
7.	Is the lightning rod mounted in a location making it the highest point on the tower?	Yes	No
8.	Are all bend radiiuses greater than 12"	Yes	No
9.	Grounding connections to tower base <input checked="" type="checkbox"/> Cadweld <input type="checkbox"/> Compression Lug <input checked="" type="checkbox"/> Other	N/A	1 2 3 4 5
10.	Do all ground wires flow down and away from the structure?	Yes	No
11.	Does the ground system pass through or is it connected to the concrete foundation?	Yes	No

SITE 1 (196896)

Site ID	196896	DILLON
Site Name	SITE 1	
Site Address	9187 E 600 N	
Contractor Name	AstroBuild&Co., LLC	
Inspected By	Ashton	
Inspection Date	2/11/2026	
Wind Speed	12.62 mph	
Wind Direction	NW	

TOWER SPECIFICATIONS	
Tower Manufacturer Name	ERI ELECTRONICS RESEARCH INC
Tower Type	Guyed
Tower Structure Height	500
Face Width	42"
GPS Latitude	40.503333
GPS Longitude	-86.729722

DILLON QUICK CHECK-T	
Dillon Device Name	Dillon-100002
Serial Number	100002
Capacity	10000
Cal Due	10/26/2026
Cal Check	Yes

GUY TENSION MEASUREMENTS			
Anchor (Leg)	A	GPS Latitude	40.503882
		GPS Longitude	-86.728991

Guy Level	Elev.	Radius	Drop-Rise	Type	Size	Temp	Pre Tn	Min	Max	Post Tn
1	100 ft	253 ft	2 ft	EHS	7/16" 1-7	34 °F	3280 lbf	2216 lbf	2708 lbf	2660 lbf
2	200 ft	253 ft	2 ft	EHS	9/16" 1-7	34 °F	2380 lbf	3566 lbf	4358 lbf	4080 lbf
3	300 ft	253 ft	2 ft	EHS	9/16" 1-7	34 °F	1800 lbf	3430 lbf	4192 lbf	3440 lbf
4	410 ft	253 ft	2 ft	EHS	9/16" 1-7	34 °F	2700 lbf	3335 lbf	4076 lbf	3740 lbf
5	480 ft	253 ft	2 ft	EHS	9/16" 1-7	34 °F	4080 lbf	3295 lbf	4028 lbf	4000 lbf

GUY TENSION MEASUREMENTS										
Anchor (Leg)	B			GPS Latitude			40.502582			
				GPS Longitude			-86.730245			
Guy Level Elev. Radius Drop-Rise Type Size Temp Pre Tn Min Max Post Tn										
1	100 ft	253 ft	2 ft	EHS	7/16" 1-7	37 °F	2800 lbf	2183 lbf	2668 lbf	2640 lbf
2	200 ft	253 ft	2 ft	EHS	9/16" 1-7	37 °F	2640 lbf	3526 lbf	4309 lbf	3580 lbf
3	300 ft	253 ft	2 ft	EHS	9/16" 1-7	37 °F	2820 lbf	3403 lbf	4159 lbf	3420 lbf
4	410 ft	253 ft	6 ft	EHS	9/16" 1-7	37 °F	2980 lbf	3315 lbf	4052 lbf	3520 lbf
5	480 ft	253 ft	2 ft	EHS	9/16" 1-7	37 °F	2620 lbf	3281 lbf	4011 lbf	3440 lbf

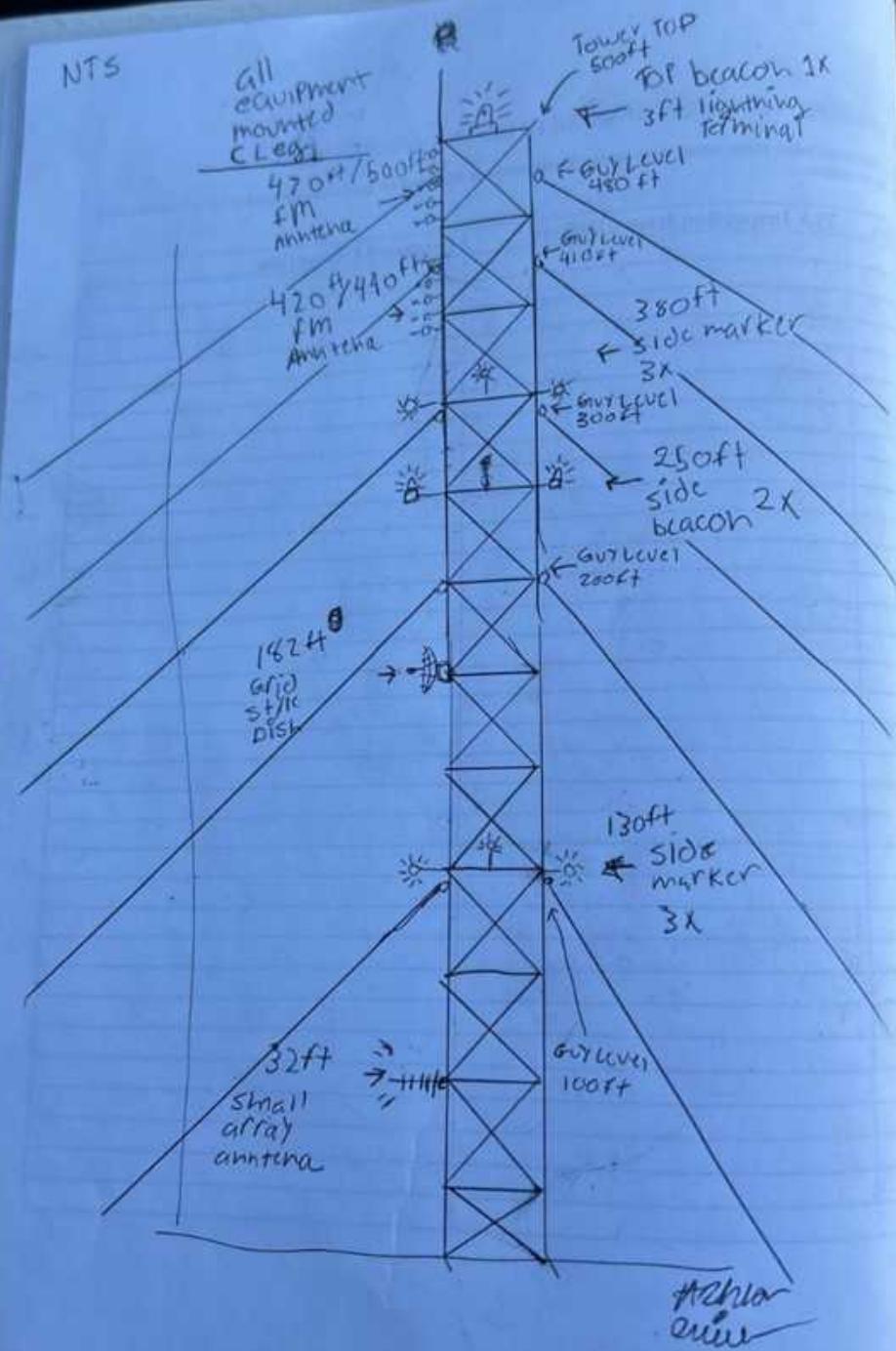
GUY TENSION MEASUREMENTS										
Anchor (Leg)	C			GPS Latitude			40.503758			
				GPS Longitude			-86.730458			
Guy Level Elev. Radius Drop-Rise Type Size Temp Pre Tn Min Max Post Tn										
1	100 ft	253 ft	2 ft	EHS	7/16"-1-7	37 °F	3220 lbf	2183 lbf	2668 lbf	2520 lbf
2	200 ft	253 ft	2 ft	EHS	9/16"-1-7	37 °F	2840 lbf	3526 lbf	4309 lbf	3640 lbf
3	300 ft	253 ft	6 ft	EHS	9/16"-1-7	37 °F	1820 lbf	3402 lbf	4158 lbf	3540 lbf
4	410 ft	253 ft	6 ft	EHS	9/16"-1-7	37 °F	3660 lbf	3315 lbf	4052 lbf	3640 lbf
5	480 ft	253 ft	6 ft	EHS	9/16"-1-7	37 °F	3940 lbf	3279 lbf	4008 lbf	3960 lbf

ANCHOR AND GUY LEVEL IMAGES

Site Photo



NTS



2/11/2026 4:01 PM CST (40.503596,-86.729411)

12.0 SUGGESTED STATEMENT OF WORK TO REPAIR DEFICIENT ITEMS

For every item noted below please ensure there is enough information in this report (or the documents listed in (3.1) for a third party to quote the correction.