Safety/Cellular Antenna Corral System

I.K. Stoltzfus Service Corp
In 1959, Isaiah K. Stoltzfus started a tank painting company.
The Need For A Comprehensive Plan

- Unsecured Cable Cover
- No specific tie off locations
- Decommissioned antennas still on tank
- Antenna brackets tied to ladder
- Lack of design considerations
- No safety rails
Result of Multiple Systems Combined Without a Comprehensive Plan

- Manhole creates obstruction
- Safety climb creates obstruction
- Antennas cannot be easily accessed
- All antennas could be put on one corral on one tank
Before:
Two Separate Systems

○ No opening in Corral
○ Ladder runs under Corral
○ Not an OSHA compliant handrail
After:

Engineered to Work Together

- Entire system works together
  - Antenna Corral
  - Rigging Ring
  - Continuous Tie-Off Ring
  - Handrail to OSHA Standard
  - Roof Access Platform
  - Ladder
Consolidate Antennas in One Area
Before
Visually Appealing for the Town/Community
Additional Safety for the Workers and Tank Owner

Before

After

Safety Gate & Walkway

Complete Access to Roof and Antennas

Rigging & Safety Tie-Off Rail
Multiple Carriers at Various Elevations
Who Pays for This?

- Rather than using a temporary monopole & disrupting service, antennas can stay mounted on the tank corral while the tank is being refurbished. This creates an incentive for carriers to help pay for the system.
- Some owners are willing to share costs because of the long-term safety benefits and potential to add more carriers to the same corral.
In Summary

- Safe Access
- Visually appealing / Neighborhood Friendly
- Cost Effective
- These projects require extensive planning & coordination
- We offer properly licensed & insured drone inspection services of your current system
- Fully engineered P.E. stamped drawings available

Please feel free to reach out to us if you have questions. Our phone number is 717-653-6789 or email info@ikstoltzfus.com. www.ikstoltzfus.com