

Microwave System Life Cycle Replacement

Site-specific Scope of Work

- 1. Edom Hill.**
 - a. Replace existing antenna and hardware mounted on the existing communication structure.
 - b. Replace equipment inside the existing communications shelter.
 - c. No excavation required.

- 2. Indio Hill.**
 - a. Replace existing antenna and hardware mounted on the existing communication structure.
 - b. Replace equipment inside the existing communications shelter.
 - c. No excavation required.
 - d. *Part of Path 42 RAS

- 3. Avenue 52.**
 - a. Replace existing antennas and hardware mounted on the existing communication structure.
 - b. Replace equipment inside the existing communications shelter.
 - c. No excavation required.

- 4. Avenue 58.**
 - a. Replace existing antenna and hardware mounted on the existing communication structure.
 - b. Replace equipment inside the existing communications shelter.
 - c. No excavation required.

- 5. Coachella Valley.**
 - a. Replace existing antenna and hardware mounted on the existing communication structure.
 - b. Replace equipment inside the existing communications shelter.
 - c. No excavation required.
 - d. *Part of Path 42 RAS

- 6. Cactus City.**
 - a. Replace existing antennas and hardware mounted on the existing communication structure.
 - b. Replace equipment inside the existing communications shelter.
 - c. No excavation required.

- 7. Niland.**
 - a. Replace existing antennas and hardware mounted on the existing communication structure.

- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.
- d. *Part of Path 42 RAS

8. Midway.

- a. Replace existing antenna and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.
- d. *Part of Path 42 RAS

9. Superstition Mountain.

- a. Replace existing antennas and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

10. Brawley

- a. Replace existing antennas and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

11. SOC.

- a. Replace existing antennas and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

12. Imperial HQ.

- a. Replace existing antenna and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

13. Perry.

- a. Replace existing antenna and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

14. Imperial Valley.

- a. Replace existing antenna and hardware mounted on the existing communication structure.

- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

15. Holtville.

- a. Replace existing antennas and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

16. Highline.

- a. Replace existing antenna and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

17. Drop 4.

- a. Replace existing antennas and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

18. Black Mountain.

- a. Replace existing antennas and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

19. Drop 1.

- a. Replace existing antennas and hardware mounted on the existing communication structure.
- b. Replace equipment inside the existing communications shelter.
- c. No excavation required.

20. Pothole.

- a. Replace existing antennas and hardware mounted on the existing communication structure.
- b. Replace existing equipment inside the communications shelter.
- c. No excavation required.

21. Ramon.

- a. Install new monopole communication structure.
- b. Install new communications shelter.
- c. Install new antenna and mounting hardware on the new monopole communication structure.

- d. Install new hardware in the new communications shelter.
- e. Concrete foundation work required:
 - i. Excavation
 - ii. Foundation rebar set-up
 - iii. Concrete pouring
- f. Ground communication shelter and tower to existing grounding grid or equivalent
- g. *Part of Path 42 Project

22. Colgreen

- a. Install new monopole communication structure.
- b. Install new hardware in the existing control room.
- c. Install new antenna and mounting hardware on the new monopole communication structure.
- d. Concrete foundation work required:
 - i. Excavation
 - ii. Foundation rebar set-up
 - iii. Concrete pouring
- e. Ground communication shelter and tower to existing grounding grid or equivalent
- f. *Part of Path 42 Project

23. North Shore.

- a. Install new antenna and mounting hardware on the existing communication structure.
- b. Install new hardware in the existing communications shelter.
- c. *Part of Path 42 Project

24. Desert Shores.

- a. Install new monopole communication structure.
- b. Install new hardware in the existing control room.
- c. Install new antenna and mounting hardware on the new monopole communication structure.
- d. Concrete foundation work required:
 - i. Excavation
 - ii. Foundation rebar set-up
 - iii. Concrete pouring
- e. Ground new monopole communication structure to existing grounding grid or equivalent.
- f. *Part of Path 42 Project

25. Anza.

- a. Install new communication tower.
- b. Install new communications shelter.
- c. Install new antenna and mounting hardware on the new communication structure.
- d. Install new equipment in the communications shelter.
- e. Concrete foundation work required:

- i. Excavation
 - ii. Foundation rebar set-up
 - iii. Concrete pouring
- f. Ground communication shelter and tower to existing grounding grid or equivalent
- g. *Part of Path 42 Project

26. Calipatria Microwave.

- a. Install new antenna and mounting hardware on the existing communication structure.
- b. Install new equipment inside the existing communications shelter.
- c. No excavation required.
- d. *Part of Path 42 Project

27. Hudson Ranch.

- a. Install new communication tower.
- b. Install new communications shelter.
- c. Install new antenna and mounting hardware on the new communication structure.
- d. Install new hardware in the communications shelter.
- e. Concrete foundation work required:
 - i. Excavation
 - ii. Foundation rebar set-up
 - iii. Concrete pouring
- f. Ground communication shelter and tower to existing grounding grid or equivalent
- g. *Part of Path 42 Project

28. Calipatria Switching Station.

- a. Install new hardware in the control room.
- b. No excavation required.
- c. *Part of Path 42 Project