

# Transitioning From Traditional Mechanical Maintenance to Herbicide Based Vegetation Control Program

Subject Portfolio: Telecommunications Compounds + Access Lanes  
Location(s): SE Region – Georgia & South Carolina  
Client: Federal Government

Overview: This summary describes a **portfolio of sites** that historically received routine weekly lawn maintenance, including mowing, edging, and trimming. Given limited public exposure, security function, and **infrastructure-heavy** layout, transitioning to a quarterly herbicide-based vegetation control program delivers more efficient, **cost-effective maintenance**, and improved performance.

## Cost Comparison:

Expense Type	Traditional Weekly Mowing	Annual Herbicide Program
Service Frequency	~35-45 visits/year	4-6 visits/year
Annual Cost Range	\$55,000 - \$70,000	\$35,000 - \$40,000
Labor & Fuel Burden	High	Low
Access/Coordination	Weekly gate access	Quarterly scheduled access
Re-treatment Needs	N/A	As needed Touch ups

Estimated potential **annual savings: \$20,000 - \$35,000**

## Site Suitability Factors:

- Sites are primarily gravel bare ground, minimal usable turf.
- Locations serve critical infrastructure; not high-traffic or aesthetic zones.
- Long-term suppression contributes more to asset value than cosmetic grass trimming.



## Operational Benefits:

- **Fewer Disruptions:** Quarterly visits reduce the need for constant access coordination and gate unlocks.
- **Visual Uniformity:** Herbicide programs provide consistent suppression without the uneven results of periodic mowing.
- **Extended Control:** Pre- and Post-Emergent herbicides minimize growth and reduce ongoing maintenance needs.
- **Lower Risk:** Reduces frequency of personnel and equipment operations near sensitive tower infrastructure.

Especially for low-visibility, **utility-based sites** like these, the quarterly herbicide program is the clear value choice. It maintains **compliance** and appearance standards, reduces labor reliance, and improves operational efficiency. Beyond reducing safety risks, it **delivers measurable savings** and aligns with long-term site control needs.



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