



FARMERS
BRANCH

Brush and Bulky Collection Schedule



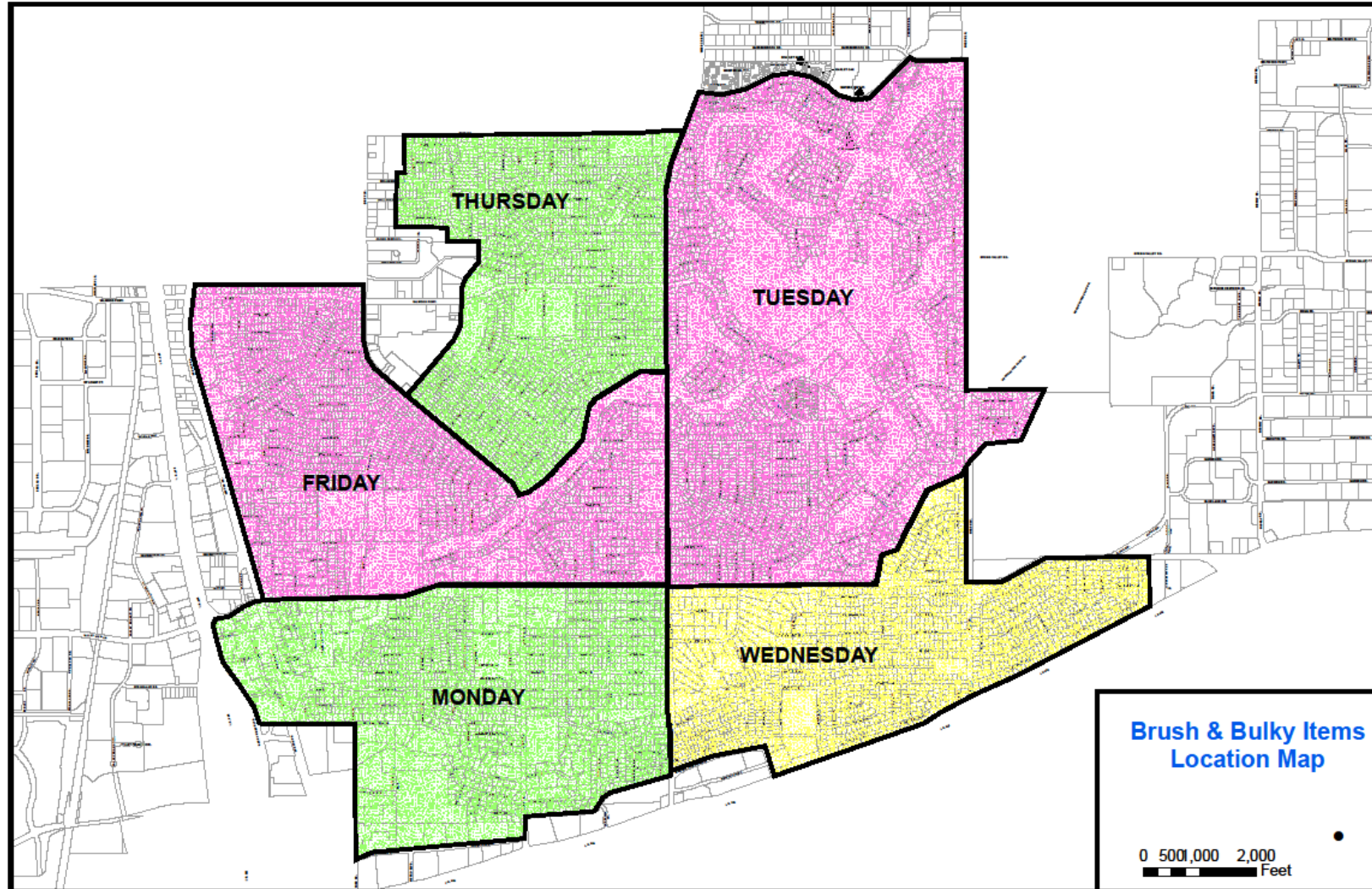
Brush and Bulky Collection

- 1 per week
- Take all – no limit
- 5 routes – one for each weekday
- Typically work in teams of two
- Operational Process
 - Knuckleboom vehicle “AKA green grabber” picks up material and loads into rolloff container on the other vehicle.
 - When rolloff container is full, goes to landfill. Returns to route and catches up with knuckleboom
 - Knuckleboom stays on route while rolloff goes to landfill and loads box on the back of the vehicle.

Brush and Bulky Collection



Current Schedule



Current Route Performance: 1 per week

- ~1,500 potential stops per route
- Typical set out rate for 1 per week – 16.5%
 - Brush and Bulky
- Typical number of trips to landfill – 2 per day
- Roundtrip time to landfill – 1 hr
- Average time per stop – 3 mins
- Avg time range per stop – 1.95 to 4.21 per stop

Brush Diversion

- Brush diversion based on large piles of “clean” brush
- Rolloff truck is loaded with brush, while knuckleboom is loaded with bulk
- Brush is taken to Soil Building Systems in Dallas
 - Walnut Hill and 35
 - No scale at facility, so volume measure only
- Approximately 3,530 cubic yards of brush diverted this fiscal year
 - No good conversion from cubic yards to tons for brush

Potential New Schedule

- 1 per **month** bulk collection
- Bulk collection for entire city would occur during 1 week
 - **Risks**
 - Set out rate difference – more stops
 - Set out volume difference – longer time per stop
 - Both would result in more trips to the landfill (1 hr per trip)
 - No separate brush collection during the “Bulk Collection Week”
 - Need all capacity to collect bulk and haul to landfill
- Brush collection would occur the other three weeks of the month

