

Palo Alto Emergency Services Volunteers FRS Channel Updates

Effective 1 October 2022



Purpose of this change.

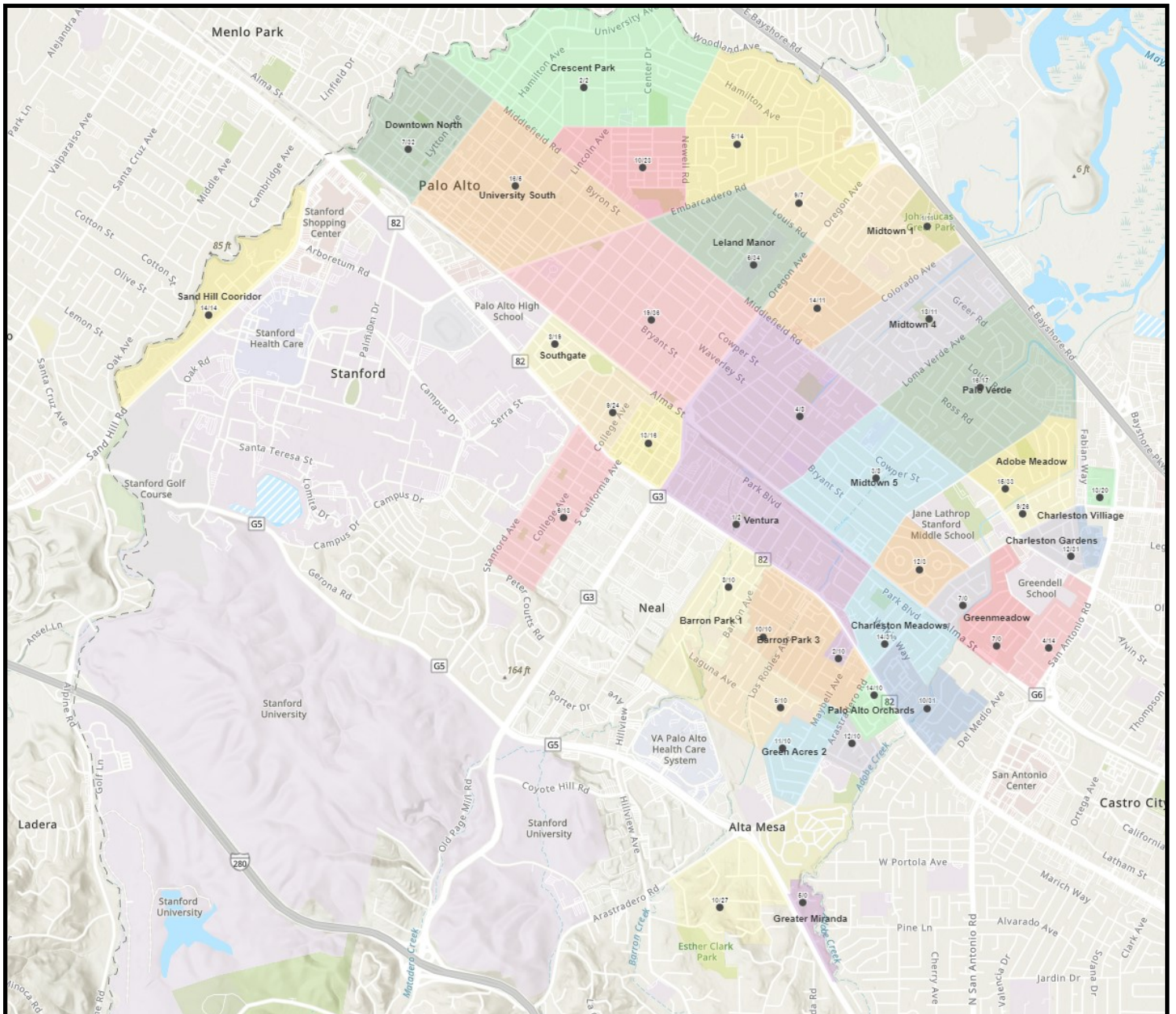
To improve our FRS communications system by better aligning FRS channel use to the size of our neighborhoods. Some neighborhoods remain the same, while others will change, listed in Red below.



| | Old | | New | | |
|--|---------|------|---------|------|-------------|
| Neighborhood | Channel | Tone | Channel | Tone | Pwr (watts) |
| Adobe Meadow | 15 | 33 | 15 | 33 | 2 |
| Altaire/Kehillah/Moldaw | 11 | 20 | 13 | 20 | 0.5 |
| Barron Park 1 | 8 | 10 | 8 | 10 | 0.5 |
| Barron Park 2 | 10 | 10 | 5 | 10 | 2 |
| Barron Park 3 | 5 | 10 | 10 | 10 | 0.5 |
| Barron Park 4 | 2 | 10 | 2 | 10 | 2 |
| Channing House | 13 | 5 | 13 | 5 | 0.5 |
| Charleston Gardens, Village, Greenhouse | 12 | 31 | 12 | 31 | 0.5 |
| Charleston Meadows | 14 | 31 | 14 | 31 | 0.5 |
| College Terrace | 8 | 13 | 6 | 13 | 2 |
| Community Center | 10 | 23 | 10 | 23 | 0.5 |
| Crescent Park | 12 | 2 | 2 | 2 | 2 |
| Downtown North | 10 | 32 | 7 | 32 | 2 |
| Duveneck/St Francis | 5 | 14 | 5 | 14 | 2 |
| Esther Clark Park | 10 | 27 | 10 | 27 | 0.5 |
| Evergreen Park | 10 | 24 | 9 | 24 | 0.5 |
| Fairmeadow | 12 | 3 | 12 | 3 | 0.5 |
| Green Acres 1 | 12 | 10 | 12 | 10 | 0.5 |
| Green Acres 2 | 11 | 10 | 13 | 10 | 0.5 |
| Greendell | 4 | 14 | 4 | 14 | 2 |
| Greenmeadow, Walnut Grove | 7 | 0 | 7 | 0 | 2 |
| Leland Manor | 6 | 34 | 6 | 34 | 2 |
| Mayfield & Palo Alto Central | 8 | 16 | 13 | 16 | 0.5 |
| Meadow Park | 10 | 26 | 9 | 26 | 0.5 |
| Midtown 1 | 12 | 11 | 1 | 11 | 2 |
| Midtown 2 | 14 | 11 | 14 | 11 | 0.5 |
| Midtown 3 | 4 | 8 | 4 | 8 | 2 |
| Midtown 4 | 18 | 11 | 18 | 11 | 2 |
| Midtown 5 | 3 | 8 | 3 | 8 | 2 |
| Miranda | 5 | 0 | 5 | 0 | 2 |
| Monroe Park | 10 | 31 | 10 | 31 | 0.5 |
| Old Palo Alto | 19 | 36 | 19 | 36 | 2 |
| Palo Alto Hills | 12 | 13 | 12 | 13 | 0.5 |
| Palo Alto Orchards | 14 | 10 | 14 | 10 | 0.5 |
| Palo Verde | 16 | 17 | 16 | 17 | 2 |
| Sand Hill Corridor: Stanford West, Oak Crk | 14 | 14 | 14 | 14 | 0.5 |
| Southgate | 8 | 19 | 8 | 19 | 0.5 |
| Triple El | 9 | 7 | 9 | 7 | 0.5 |
| University South, Professorville | 13 | 5 | 16 | 5 | 2 |
| Ventura | 10 | 2 | 1 | 2 | 2 |

Planning Summary:

1. There are a total number of 13 changes to currently assigned neighborhoods, noted in Red on the matrix at page 1.
2. Large neighborhoods are for the most part assigned 2 watt channels.
3. Try to limit 2 watt channels to no more than two neighborhoods.
4. Medium and small neighborhoods will be assigned to .5 watt channels.
5. No more than 4 Neighborhoods on same .5 watt channels.
6. Use geographic distance to keep same channels as far apart as possible to reduce interference.
7. Recognize that channels 15 through 22 can be used for GMRS repeaters We will stay off of 17,20,21,22.
8. CERT groups, when deployed, will use 11/0 for team communications, instead of 5/5.



For questions contact the City of Palo Alto Office of Emergency Services at 650-617-3197 or esv@cityofpaloalto.org