



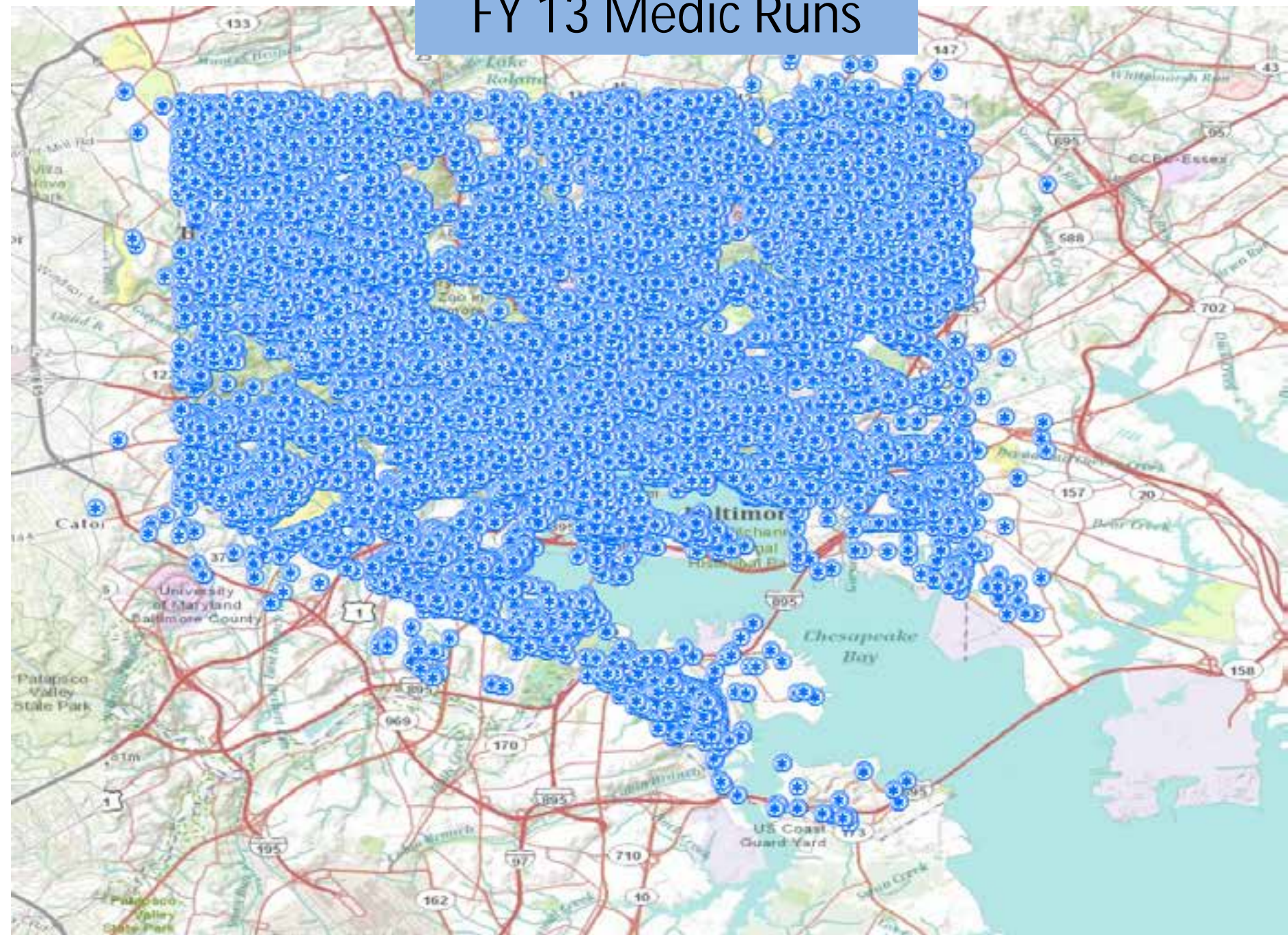
# BCFD EMS Analysis



# What we will be discussing

- Old Analysis – EMS Standard Of Coverage (ESOC)
- New Analysis – Using Directional Distribution (AKA Standard Deviation Ellipse) broken out by each medic units calls and by hour of day.

# FY 13 Medic Runs

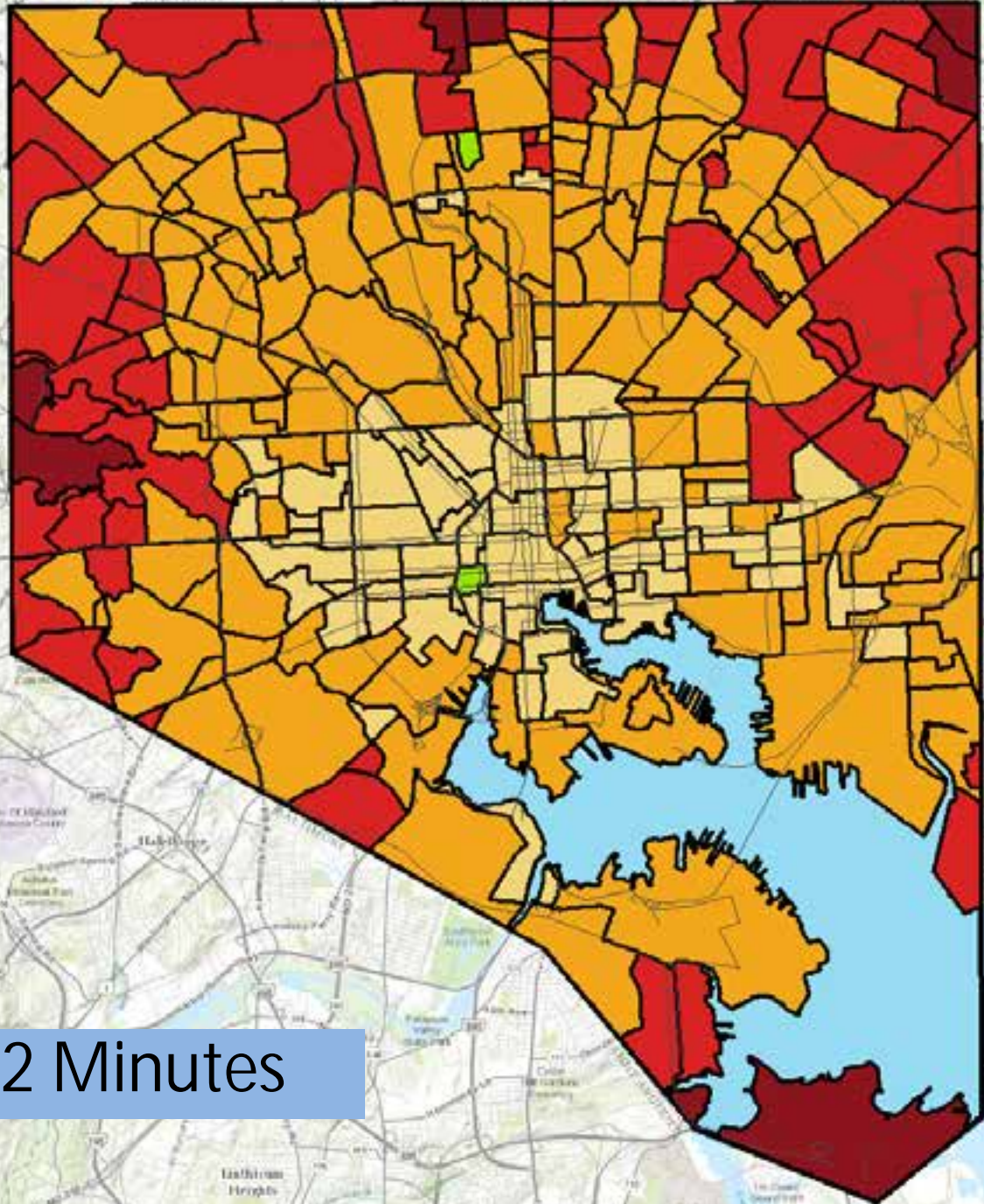
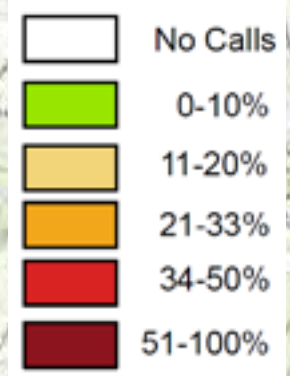


# EMS Fun Facts

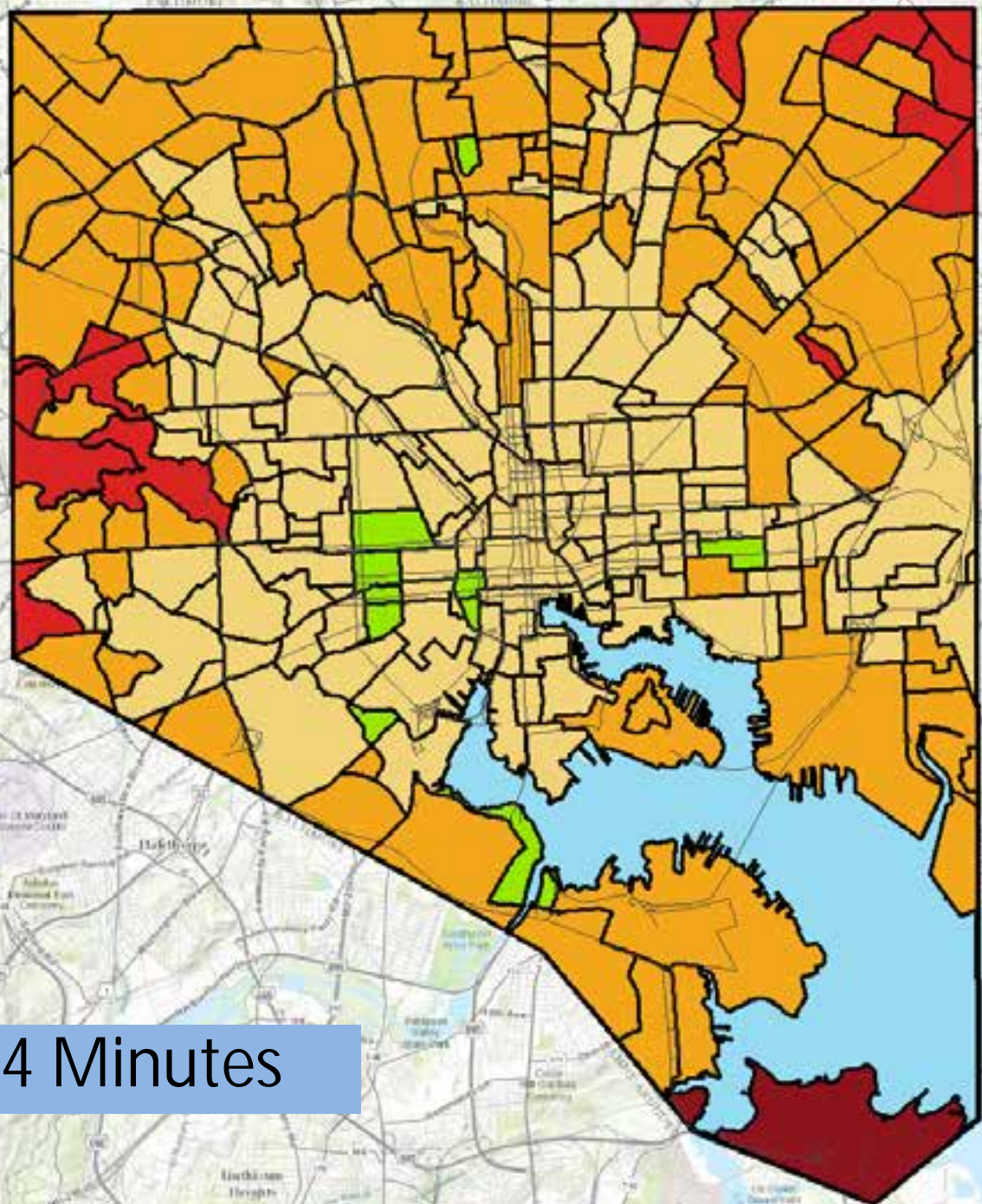
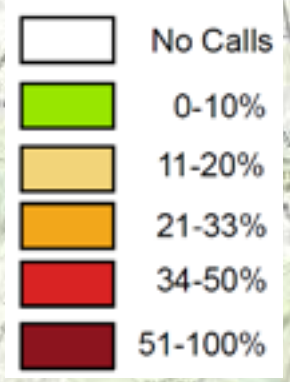
- FY 13 - There was 159,460 Medic Calls
- Medic 21 was the busiest Medic Unit with 8,227 calls
- That is 22.5 calls per day

# OLD Analysis

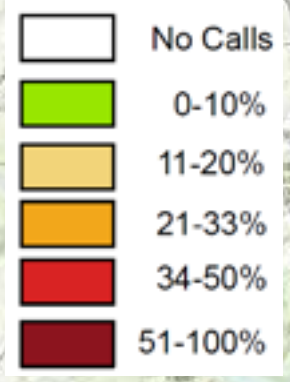
- EMS Standard Of Coverage (ESOC) calls aggregated to neighborhood data
- NFPA 1710– Requires an EMS transport unit on scene in 8 minutes
- Average response time is 12 minutes



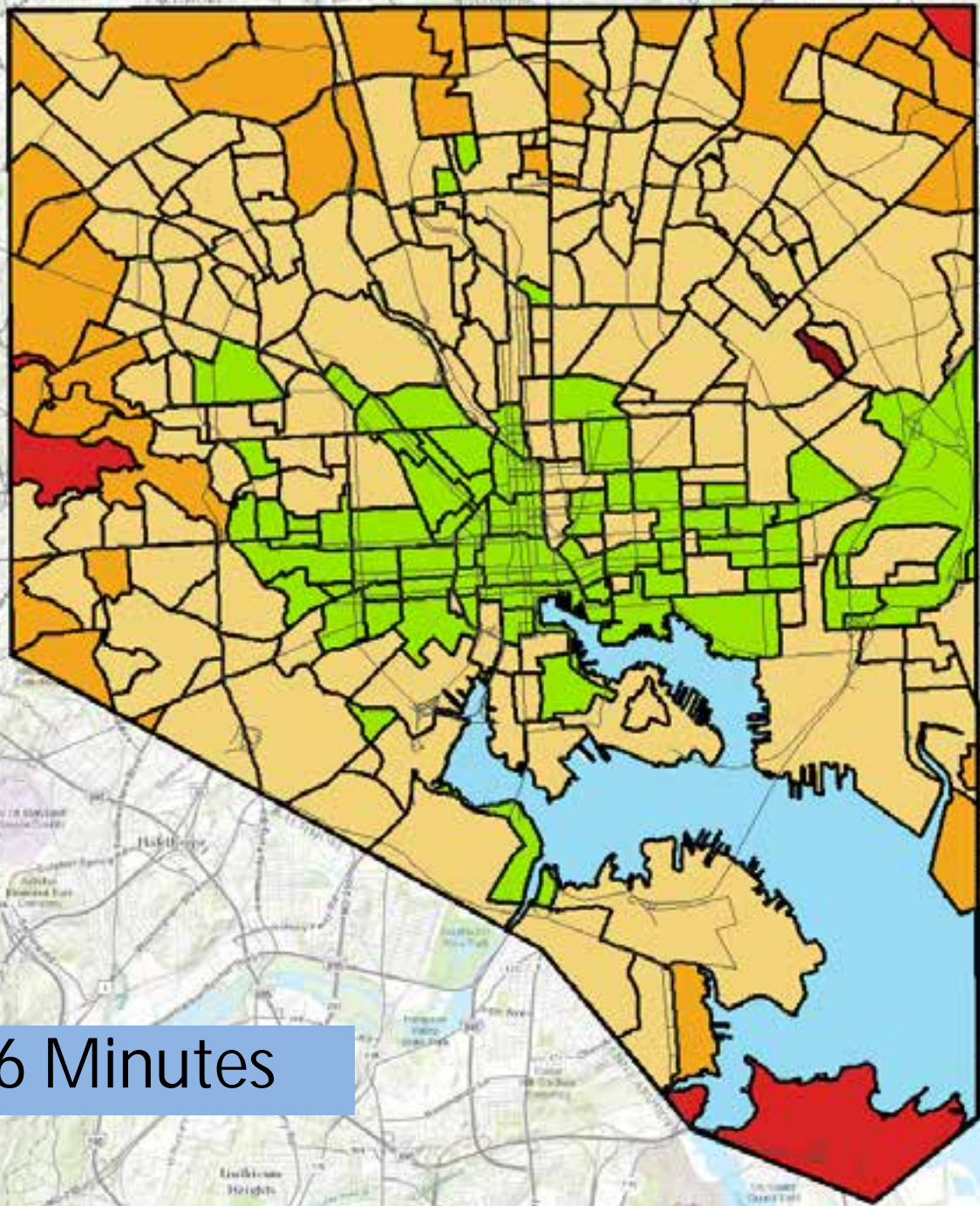
ESOC 12 Minutes



ESOC 14 Minutes



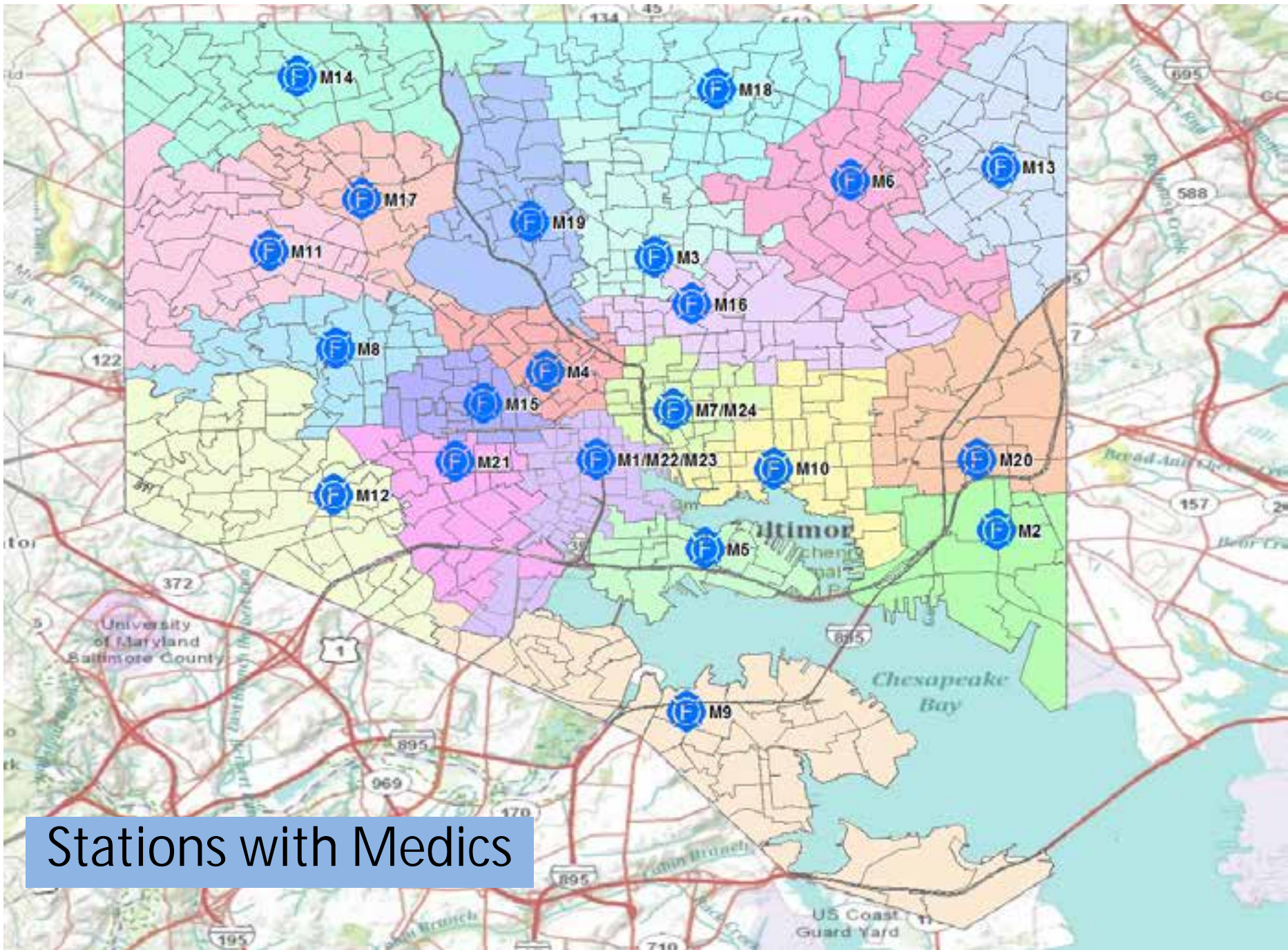
# ESOC 16 Minutes





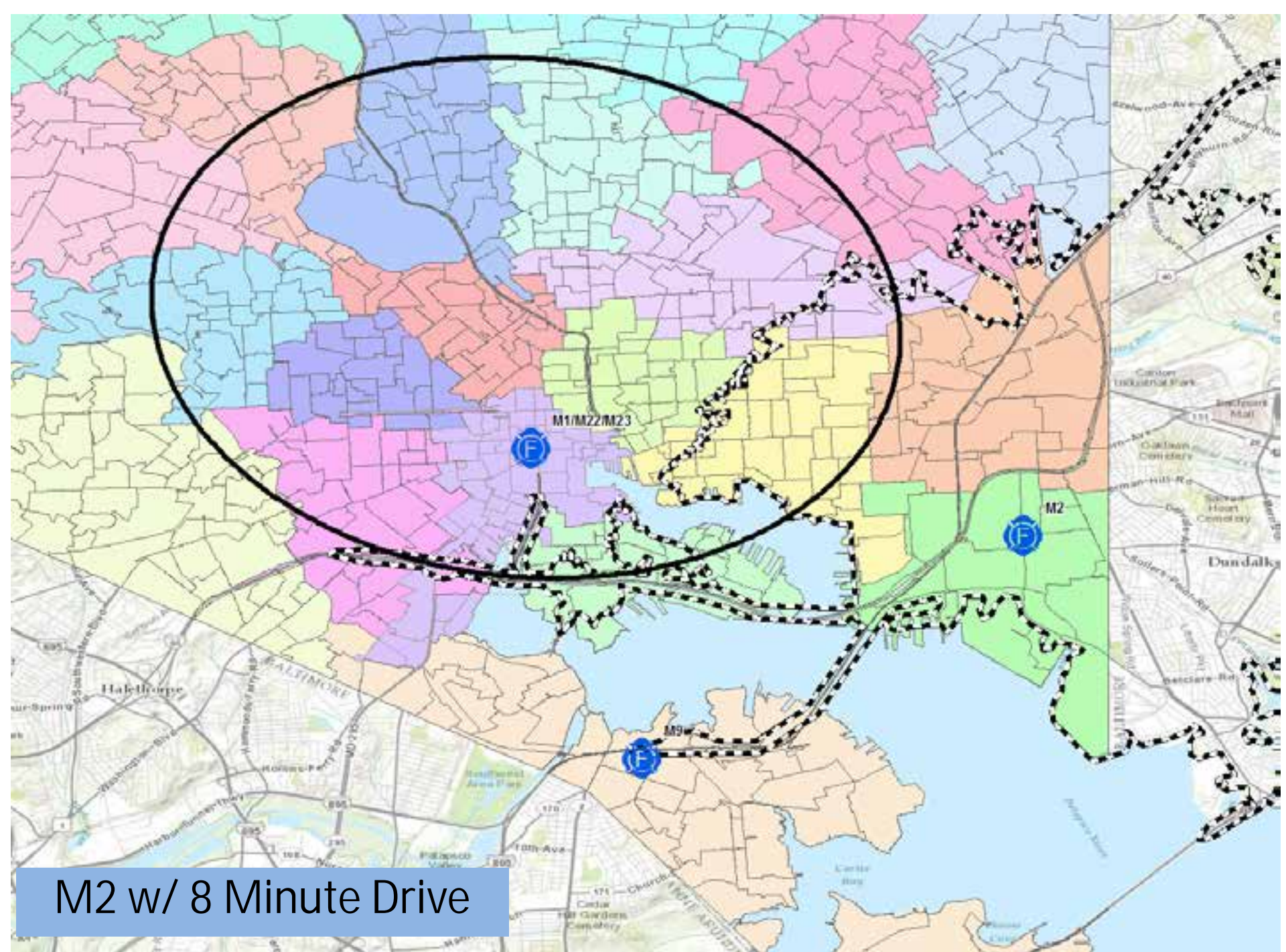
# New Analysis

- Directional Distribution (AKA Standard Deviation Ellipse) 1 Standard Deviation
- 24 Medic Units by each hour of the day for a Fiscal Year
- Flex Viewer on Intranet for internal use.



Stations with Medics

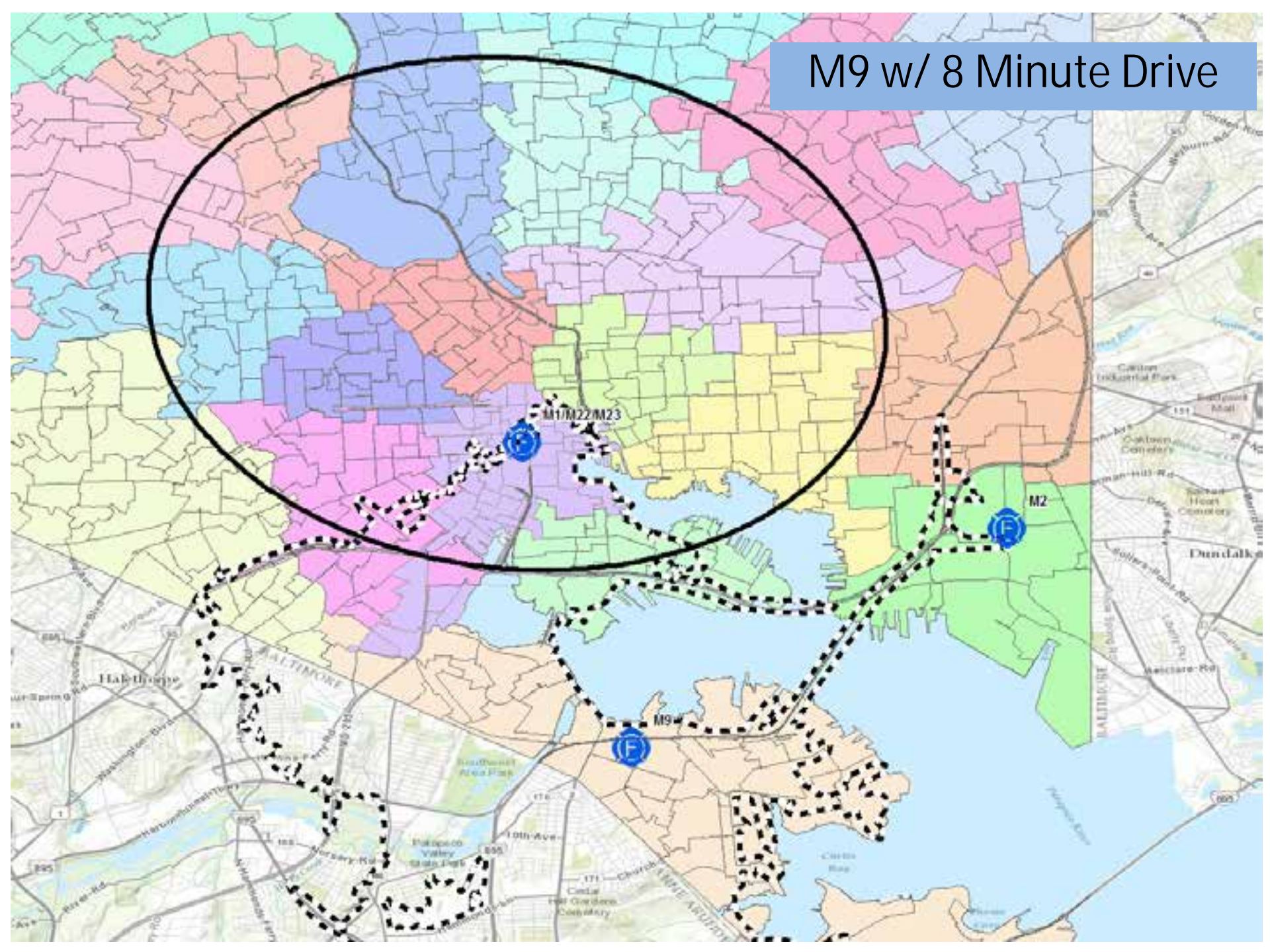


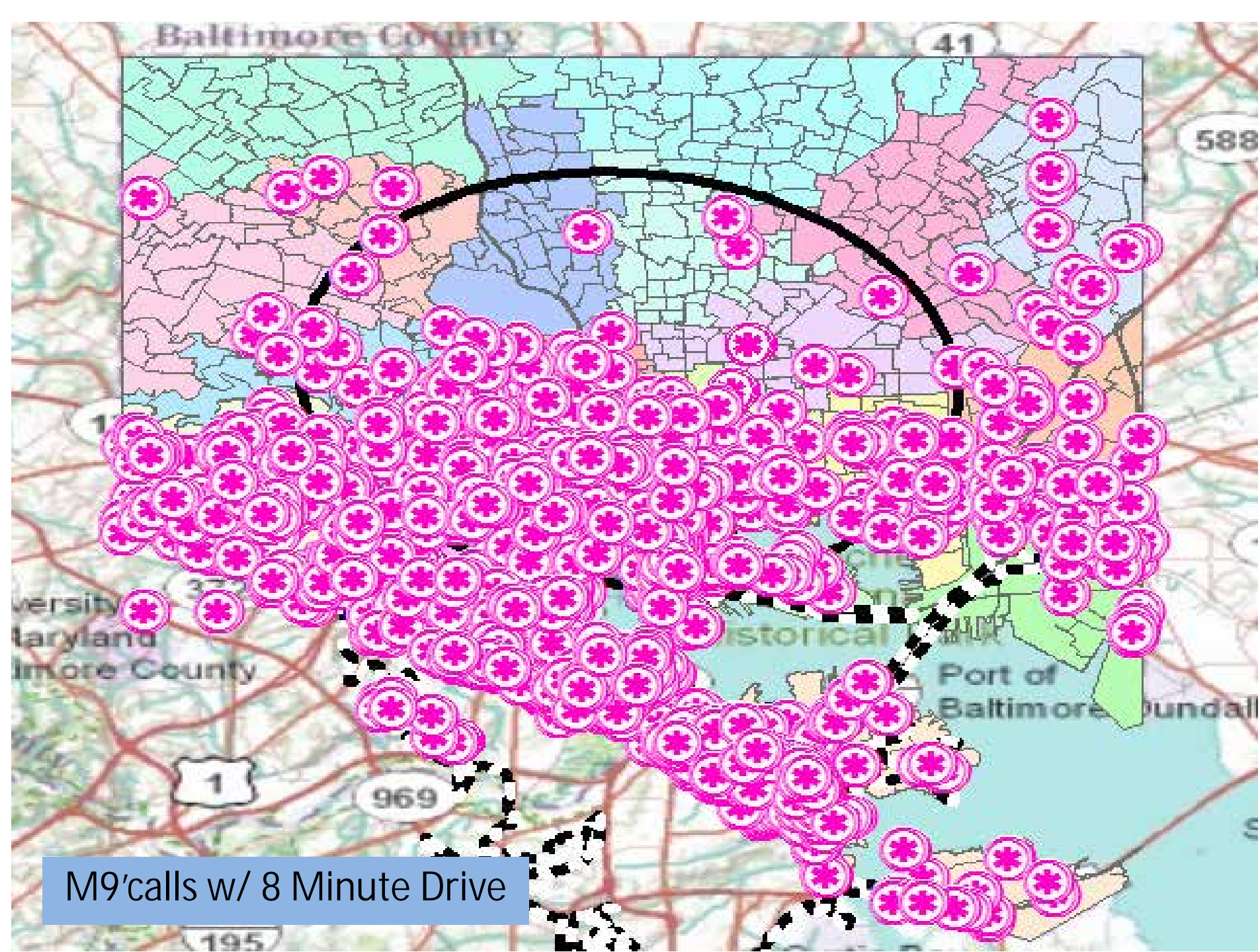


M2 w/ 8 Minute Drive



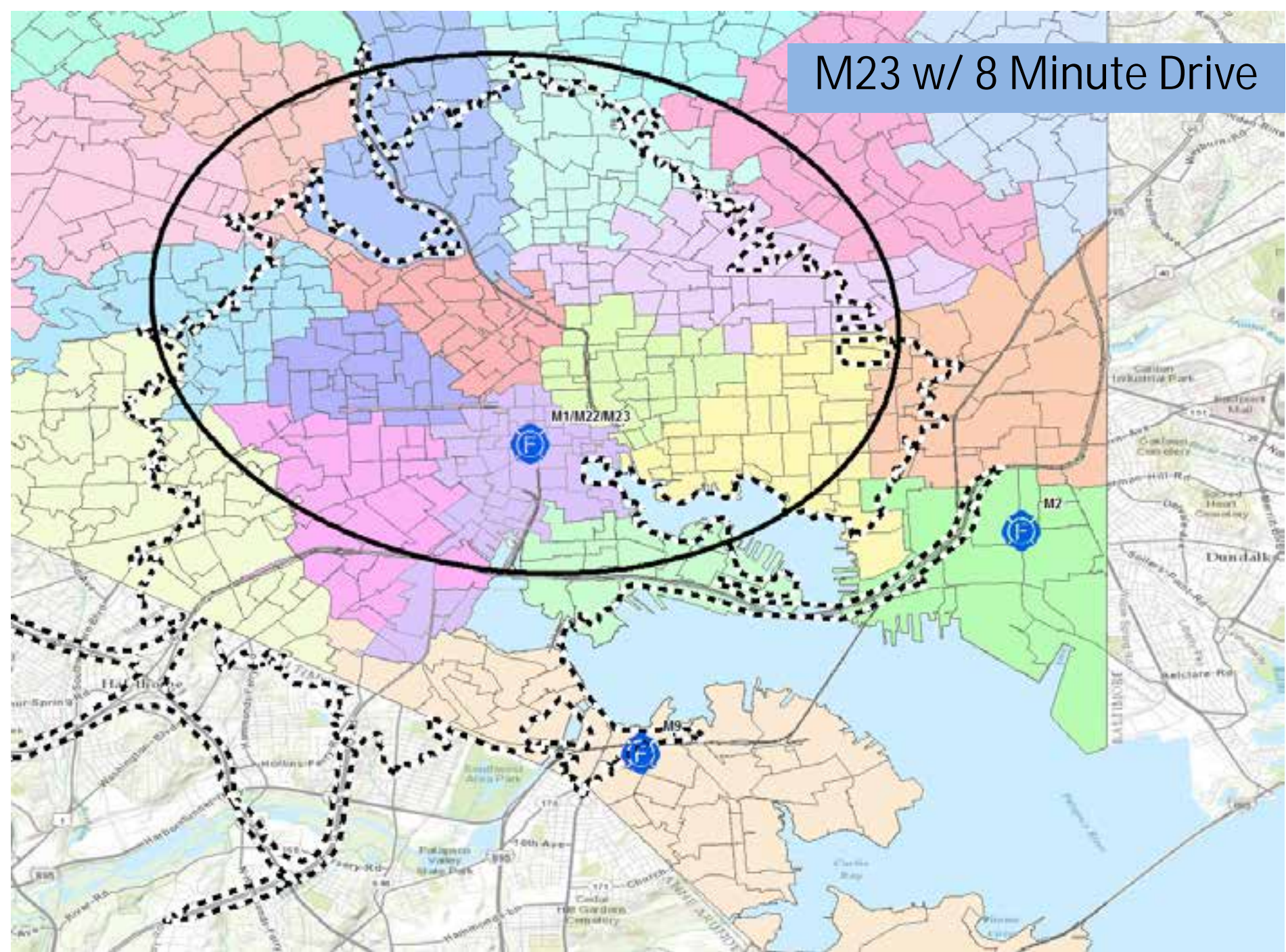
M9 w/ 8 Minute Drive





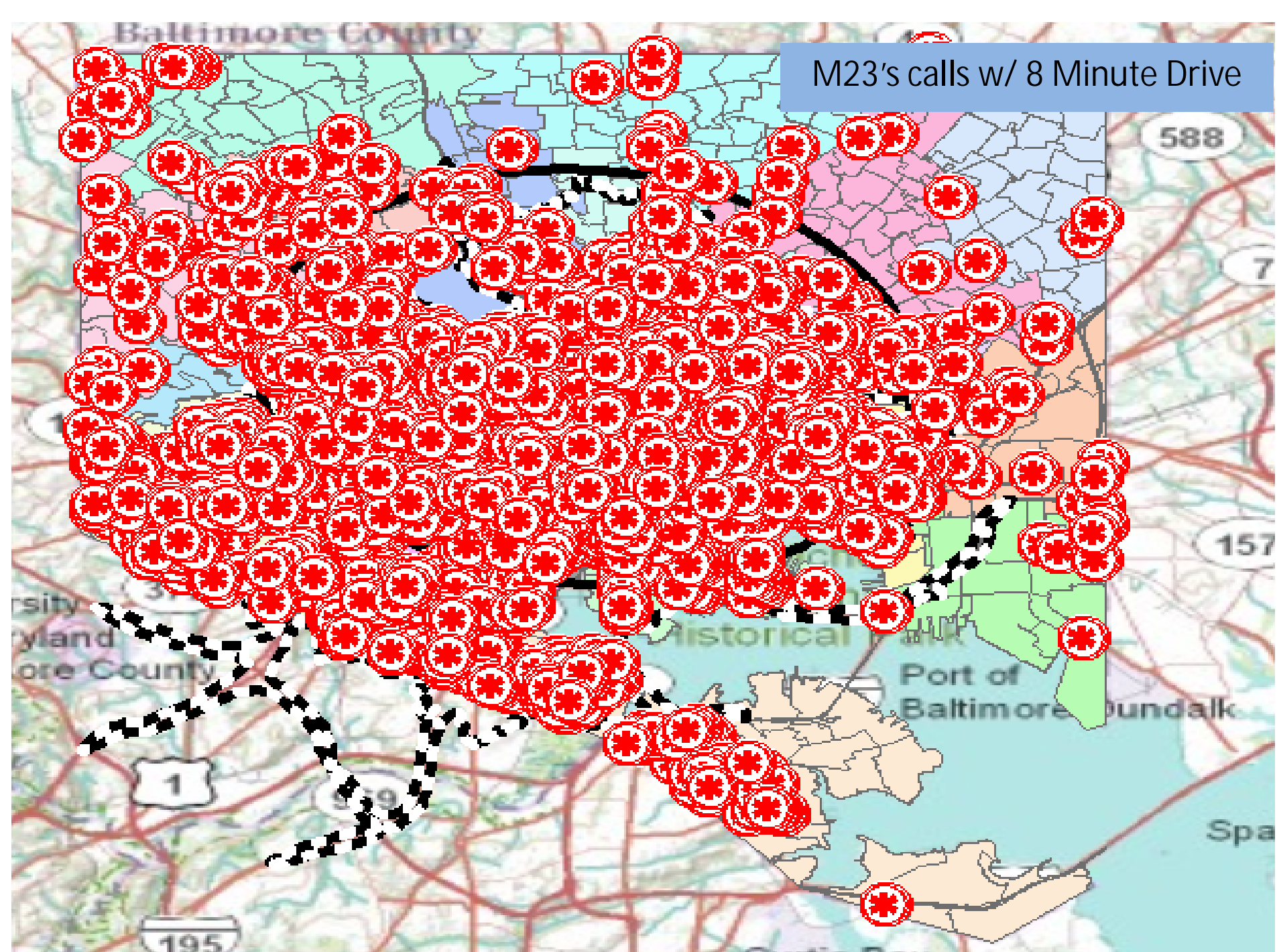
M9'calls w/ 8 Minute Drive

# M23 w/ 8 Minute Drive

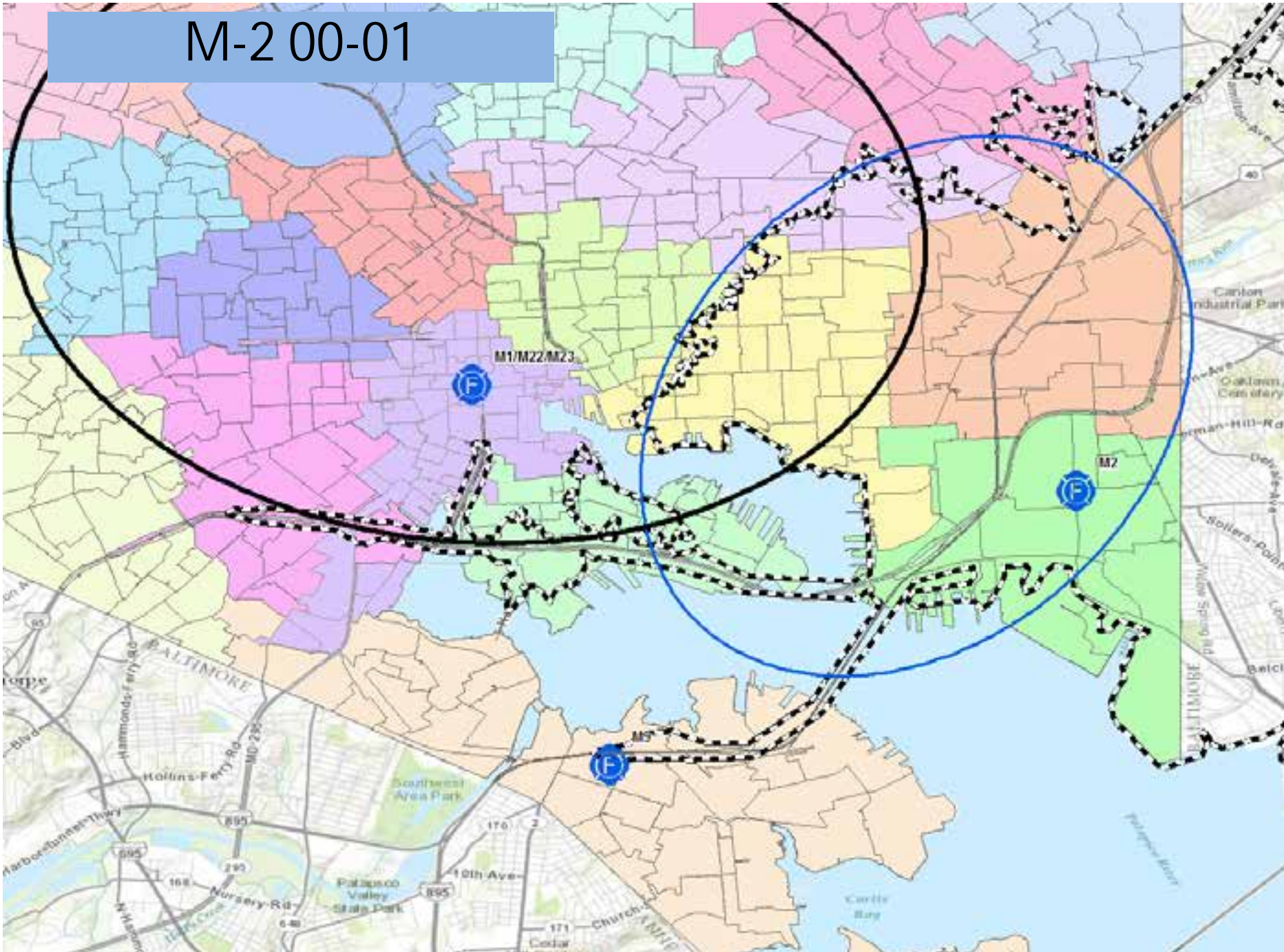




M23's calls w/ 8 Minute Drive



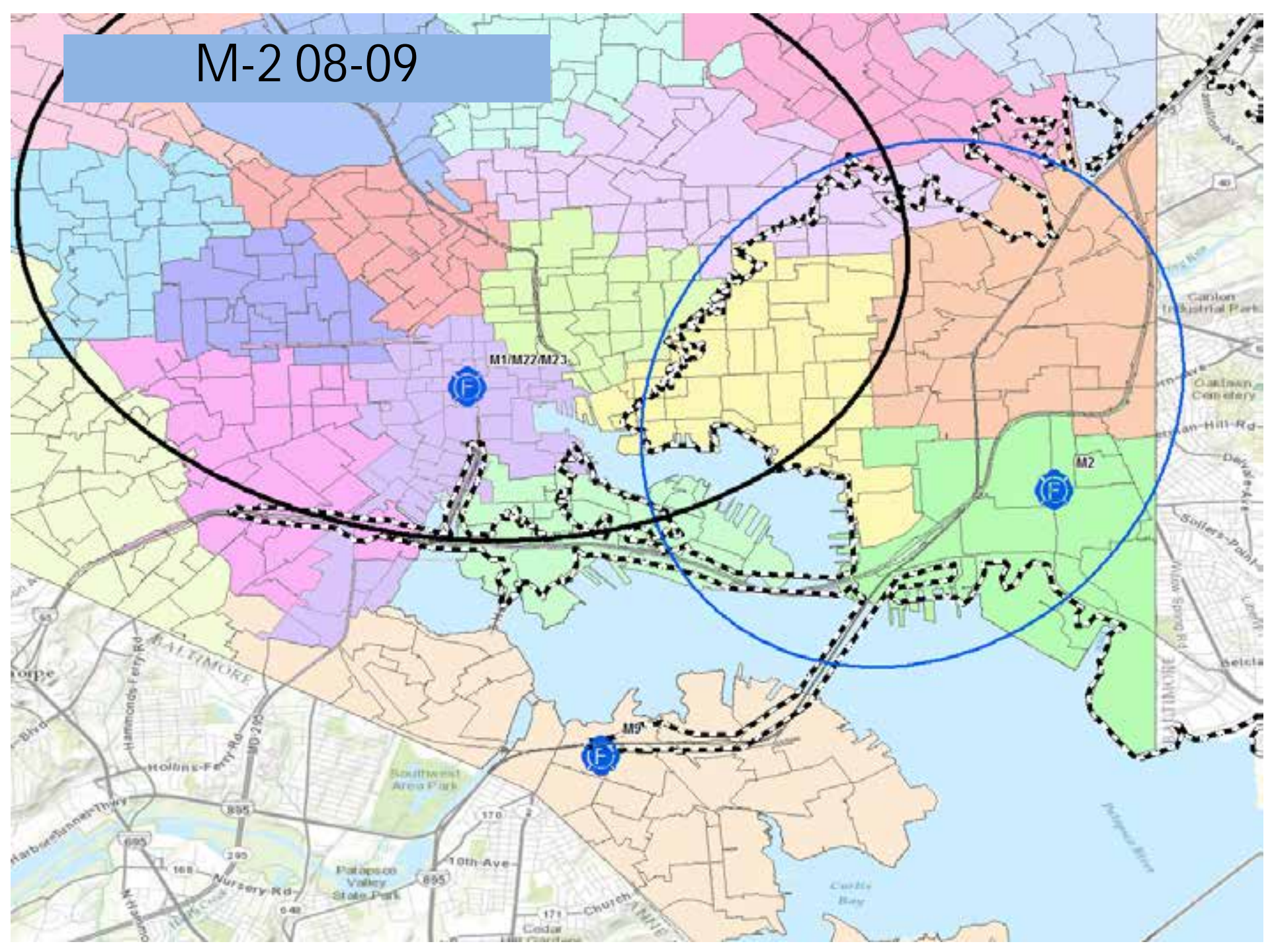
M-2 00-01



M-2 04-05



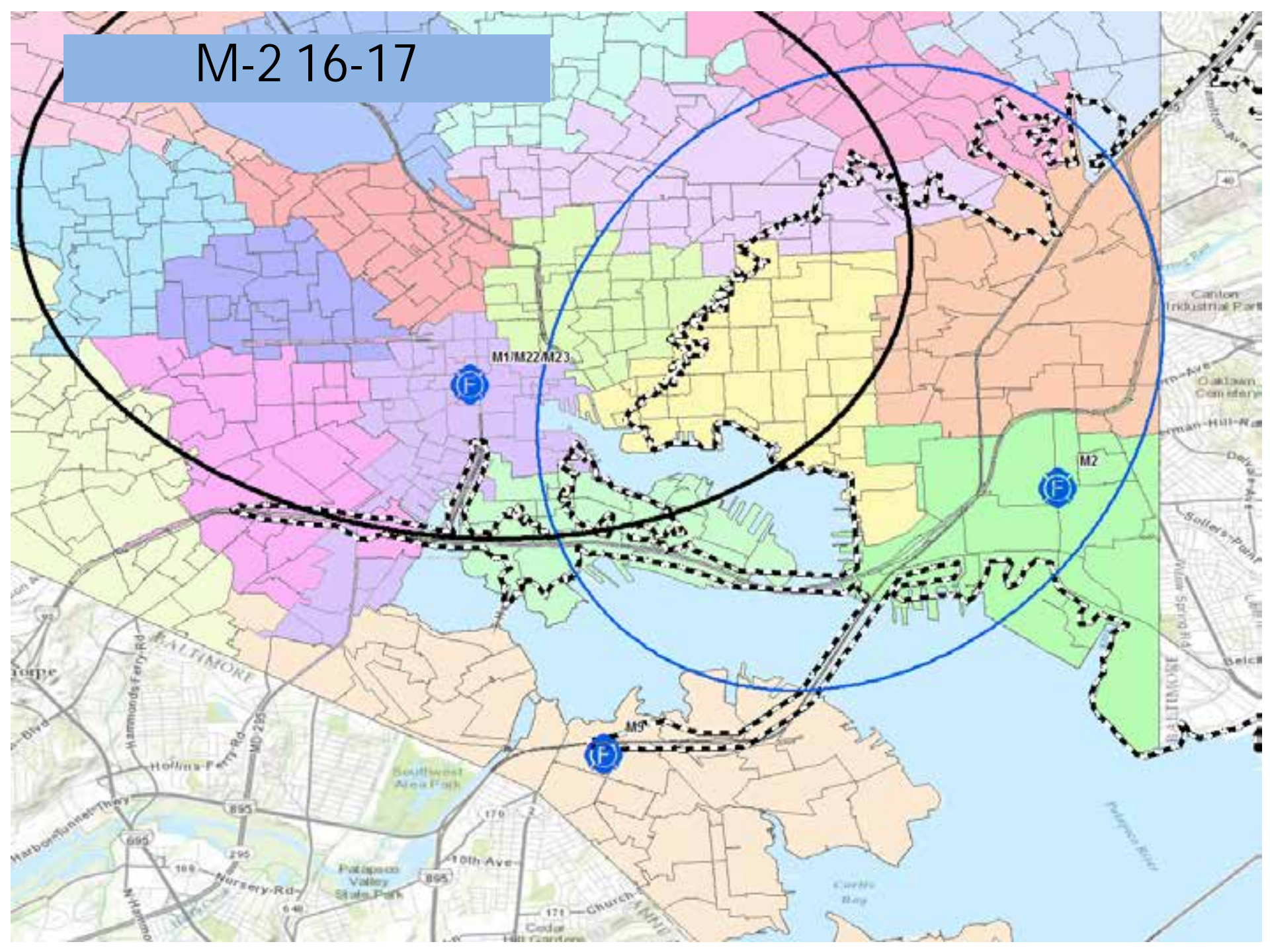
M-2 08-09



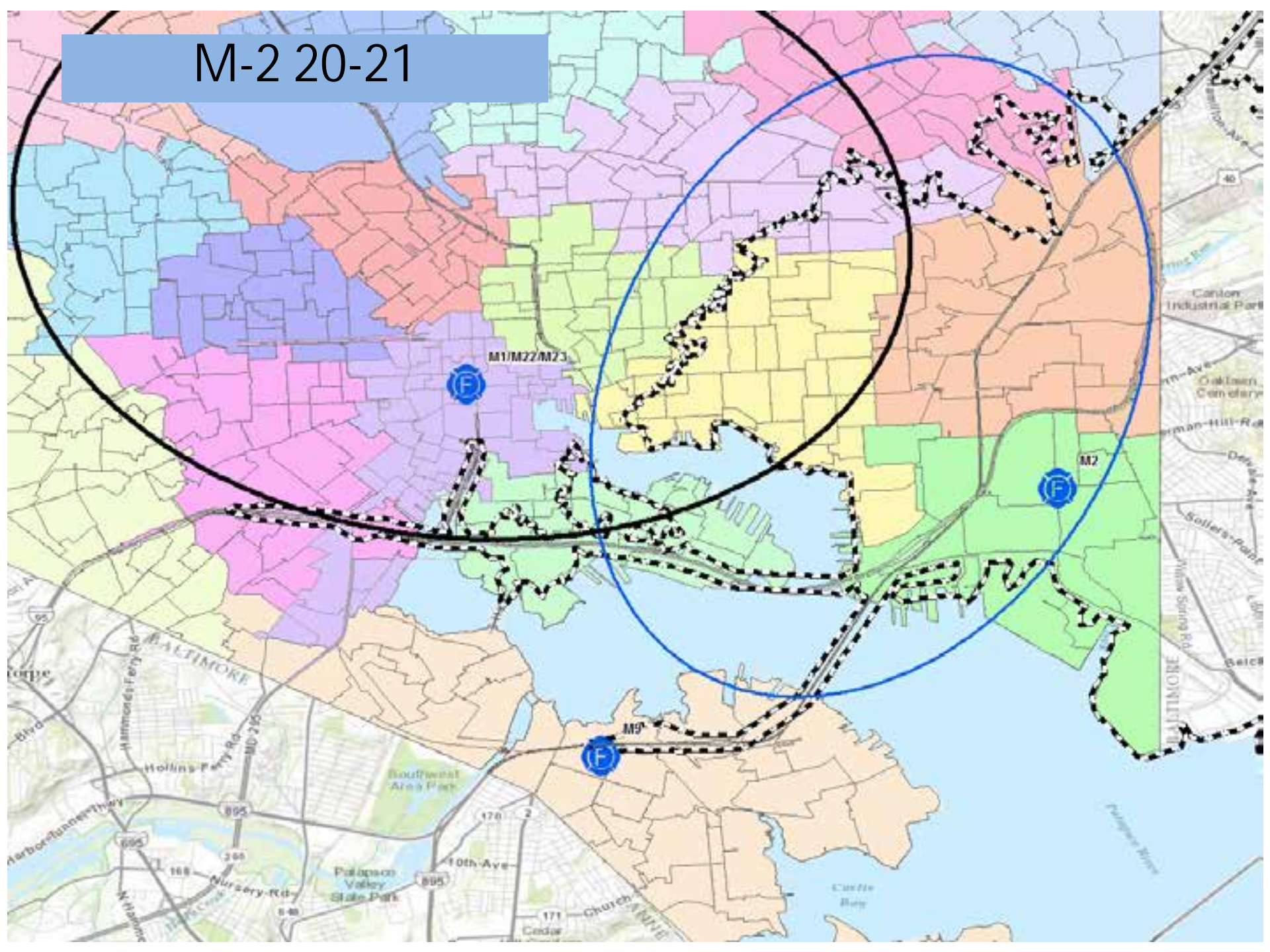
M-2 12-13



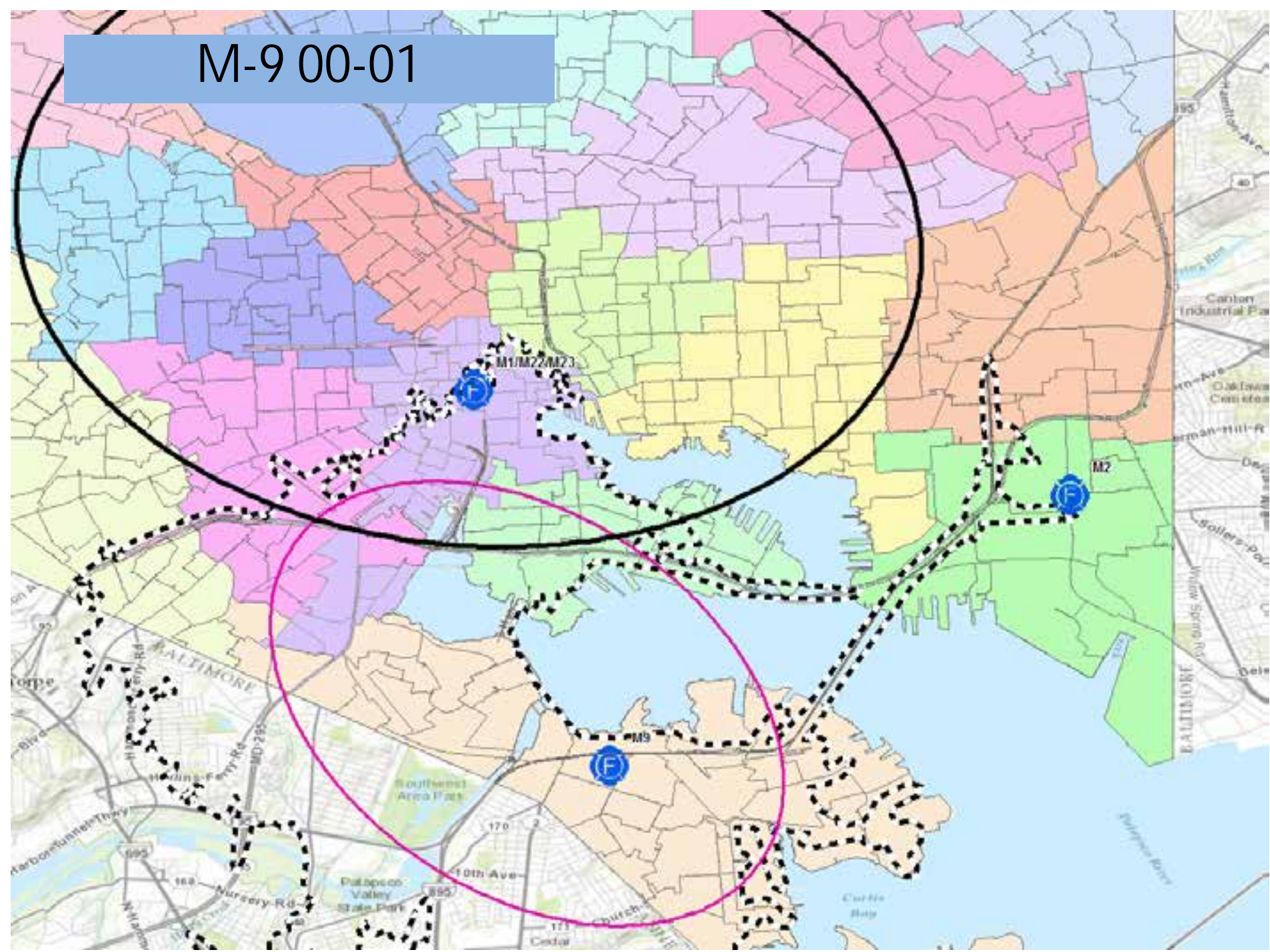
M-2 16-17



M-2 20-21

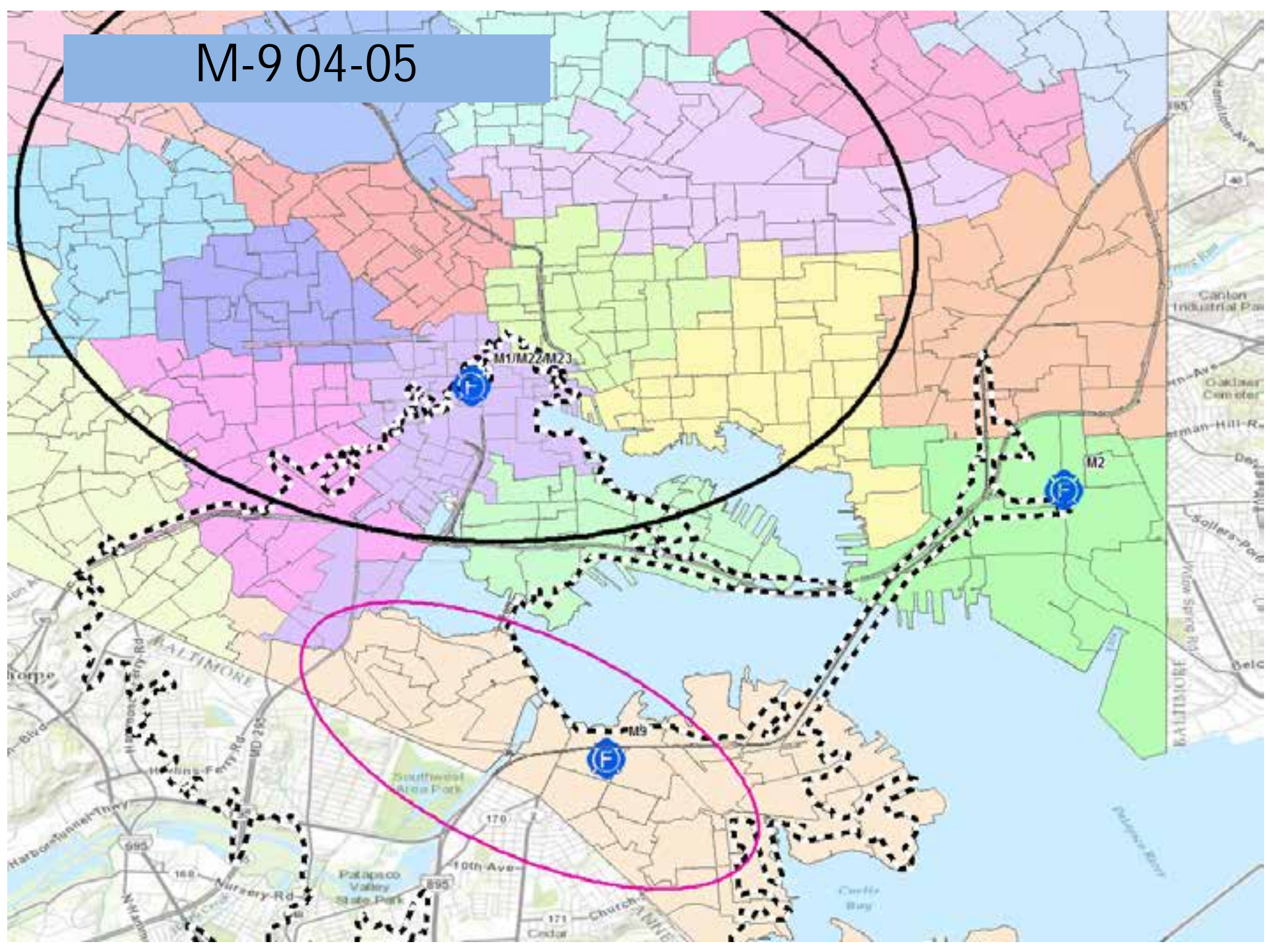


M-9 00-01

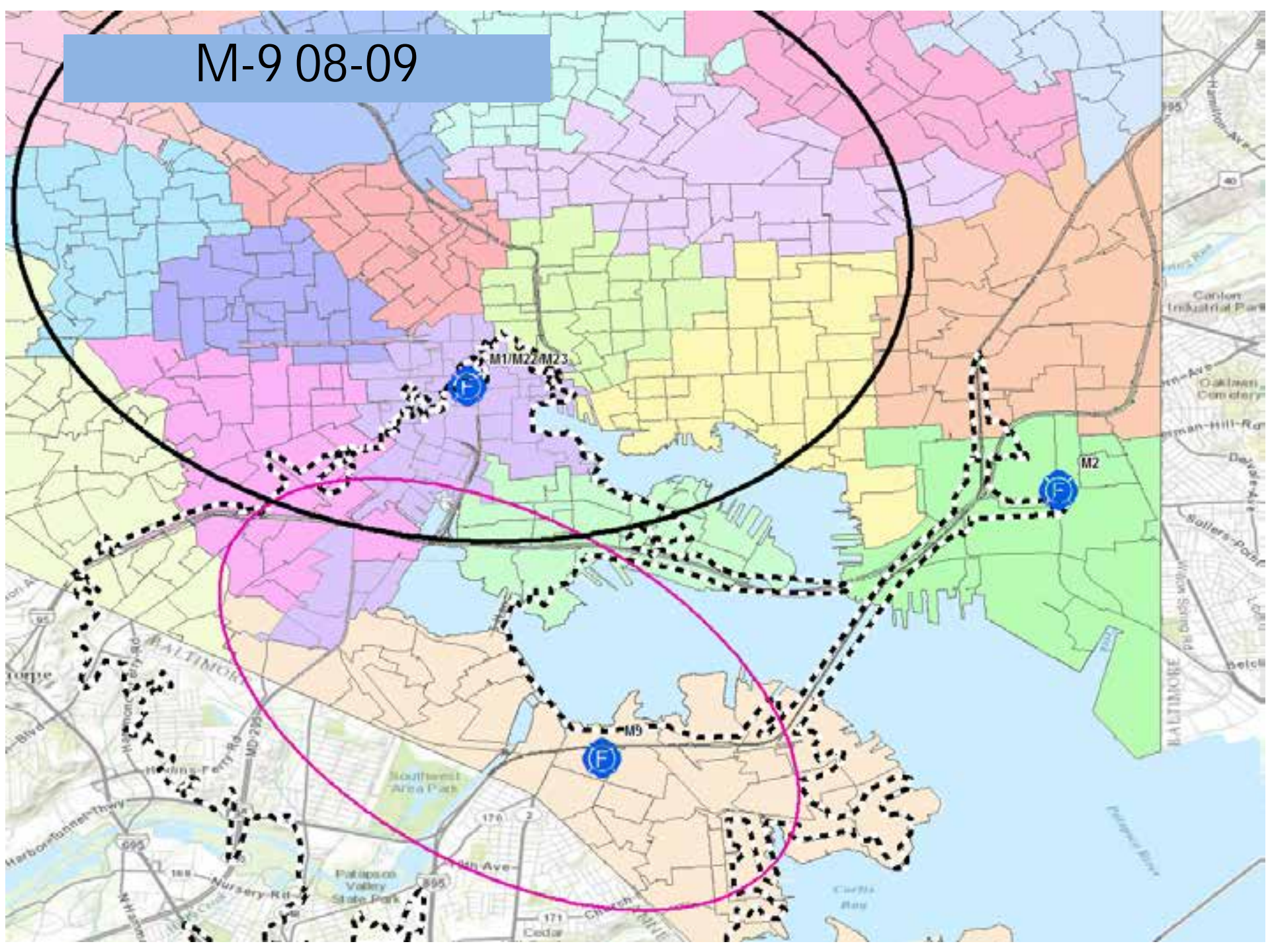




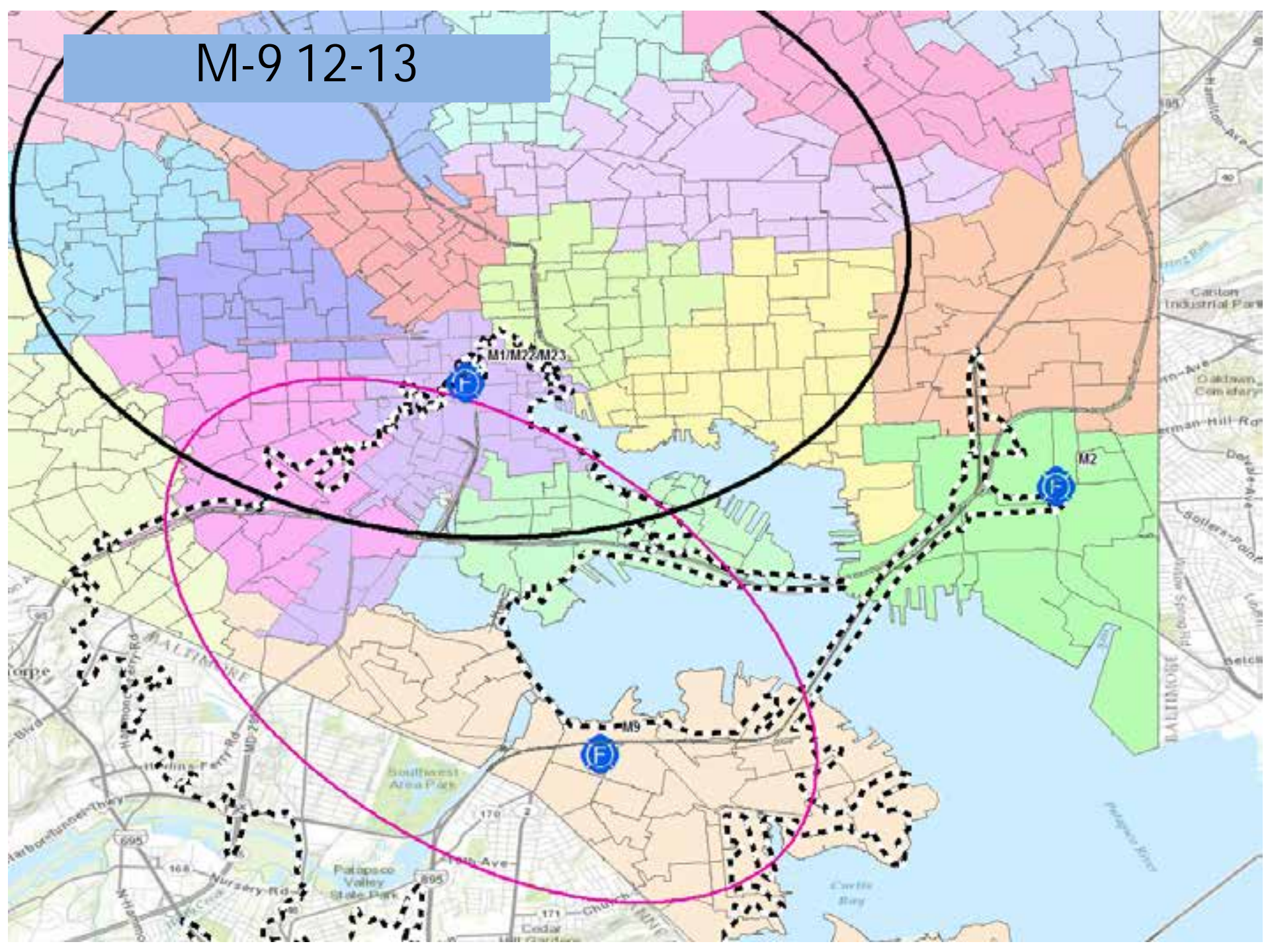
M-9 04-05



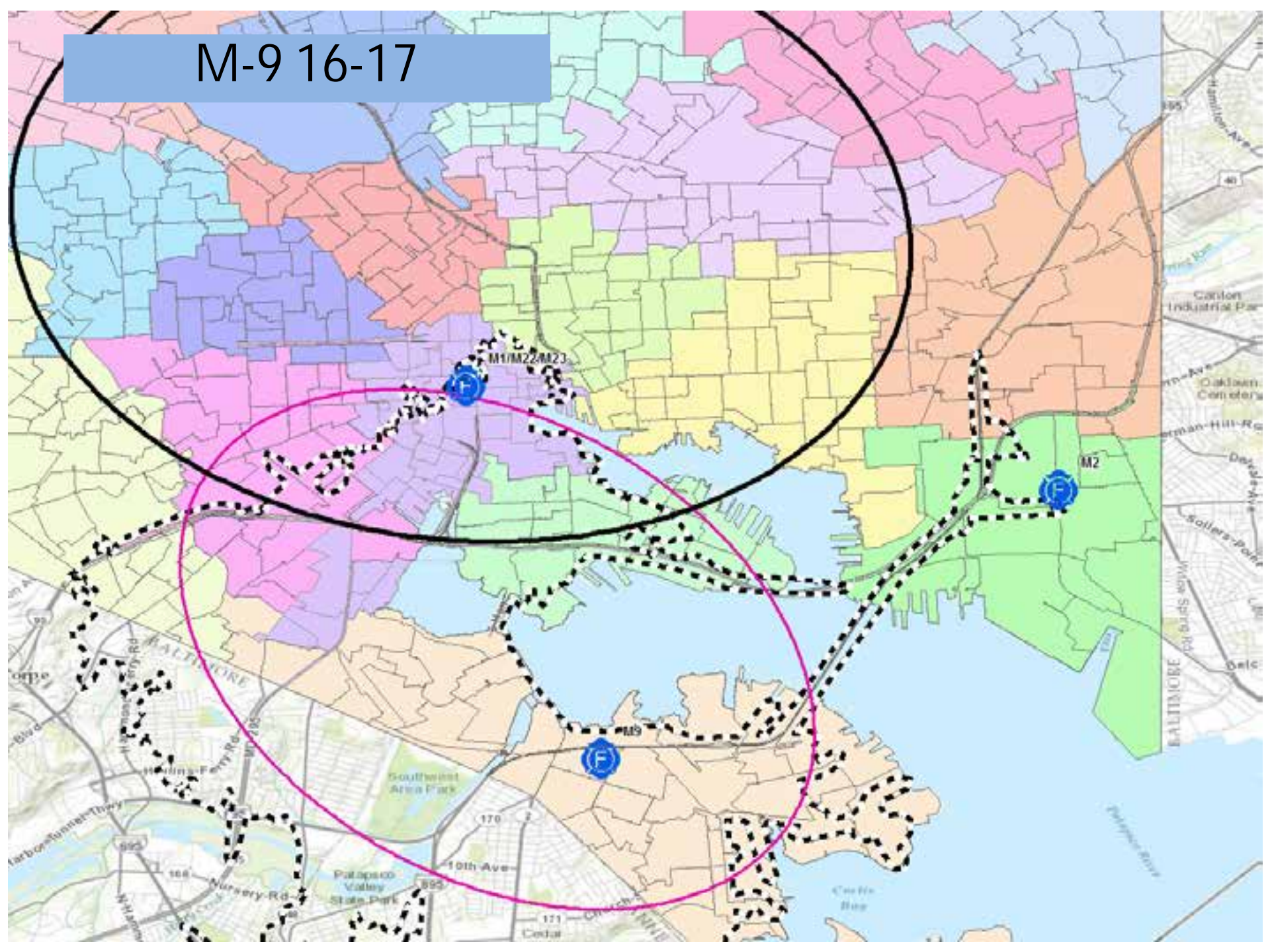
M-9 08-09



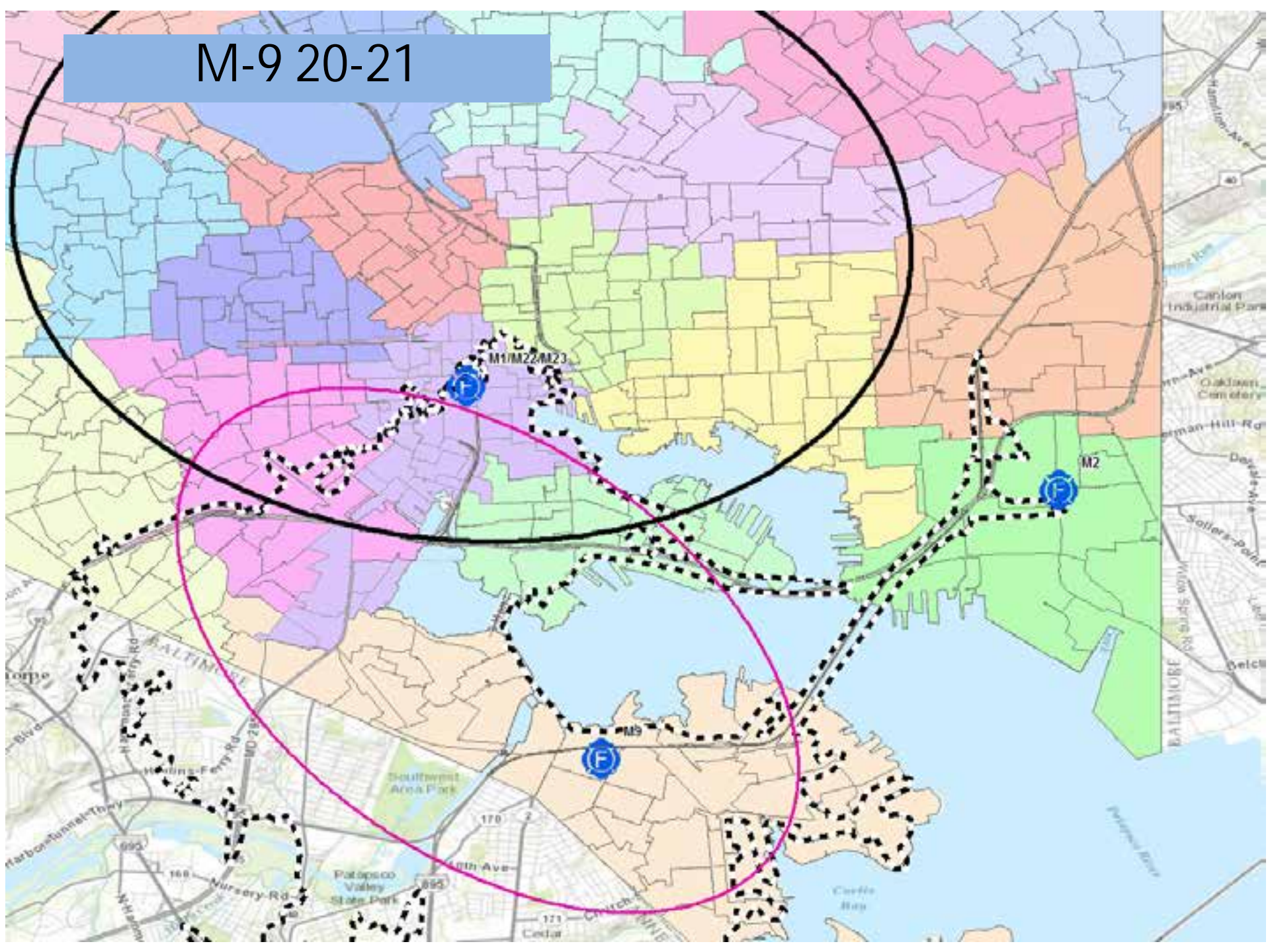
M-9 12-13



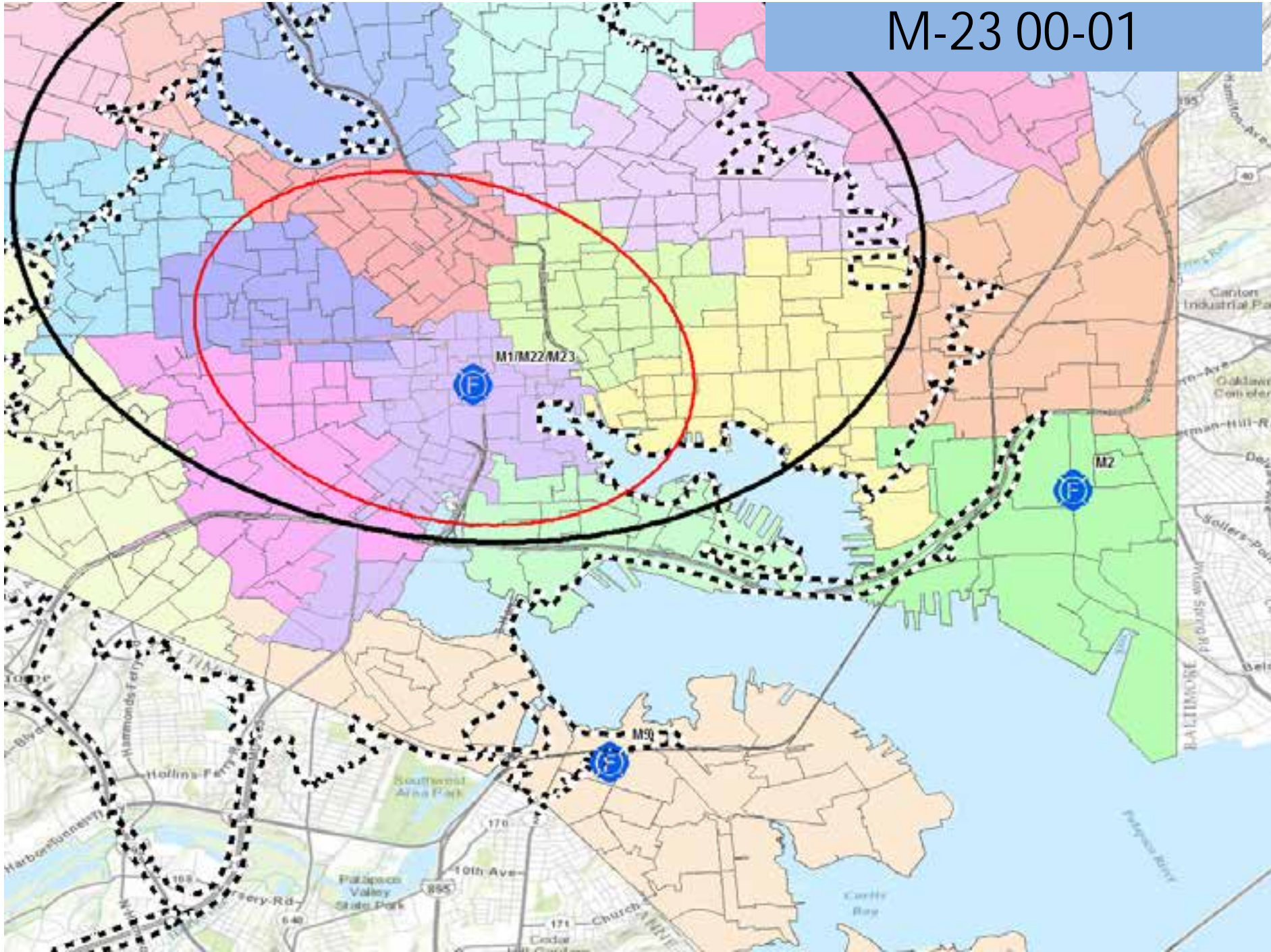
M-9 16-17



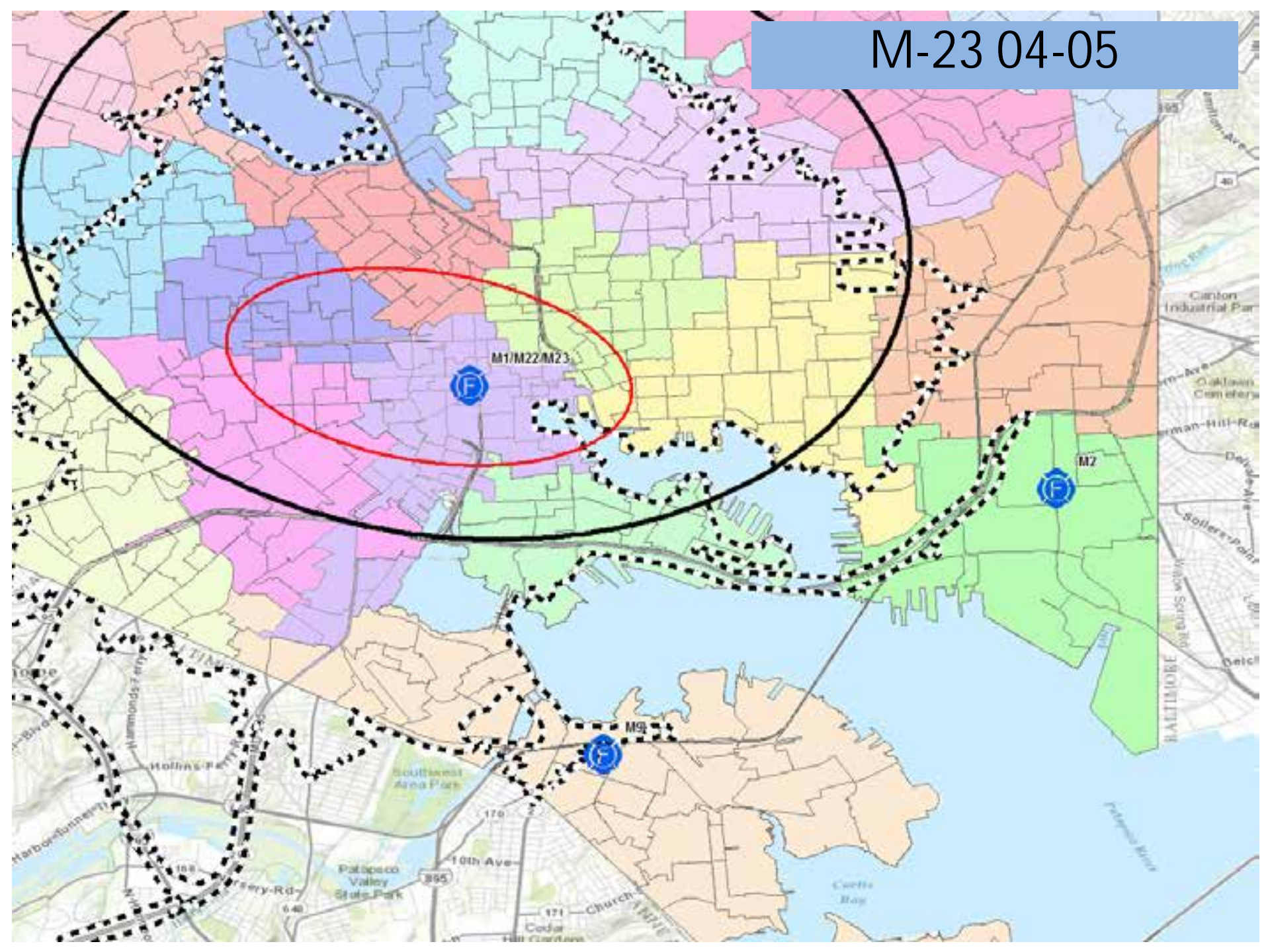
M-9 20-21



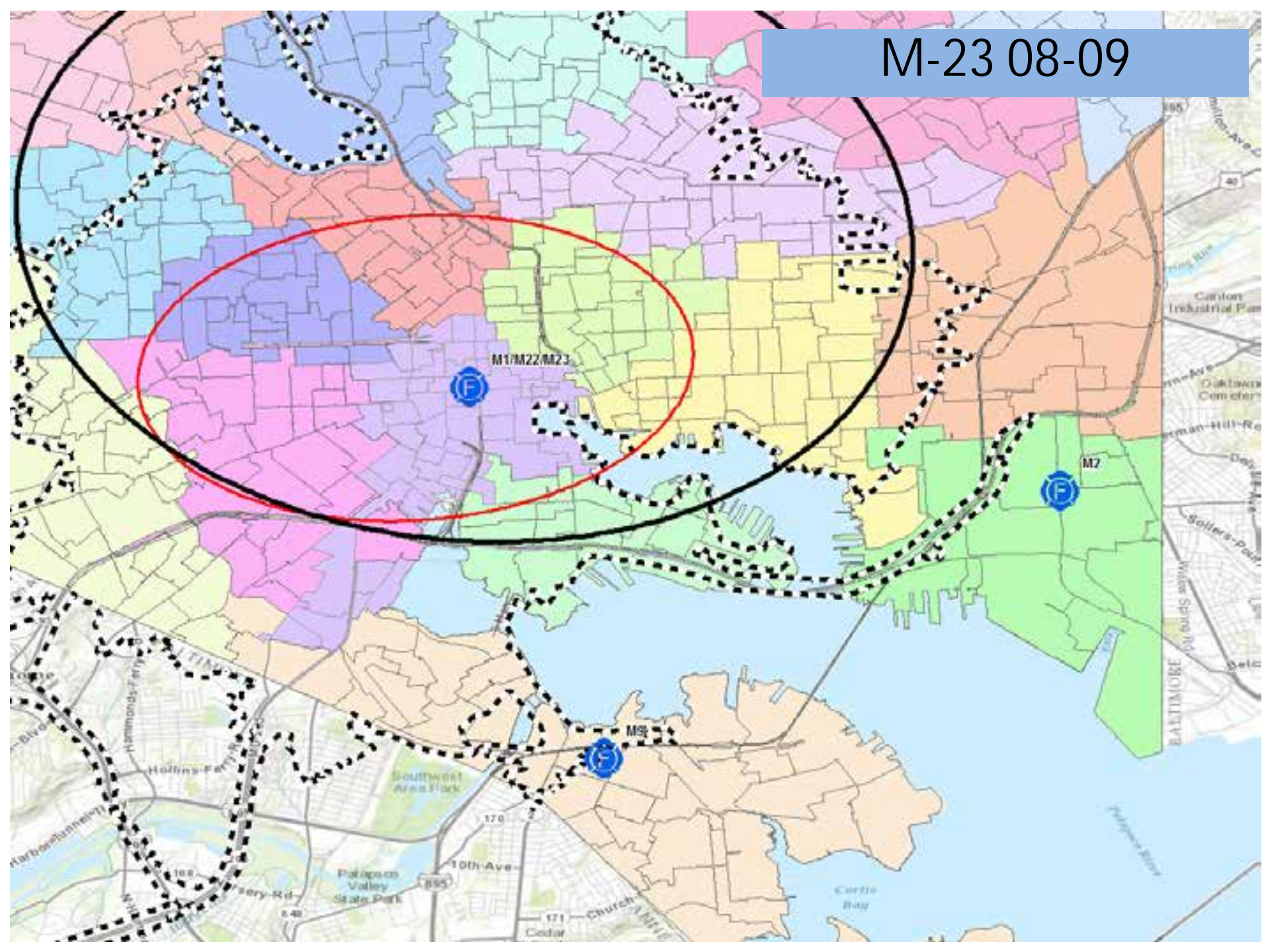
M-23 00-01



M-23 04-05

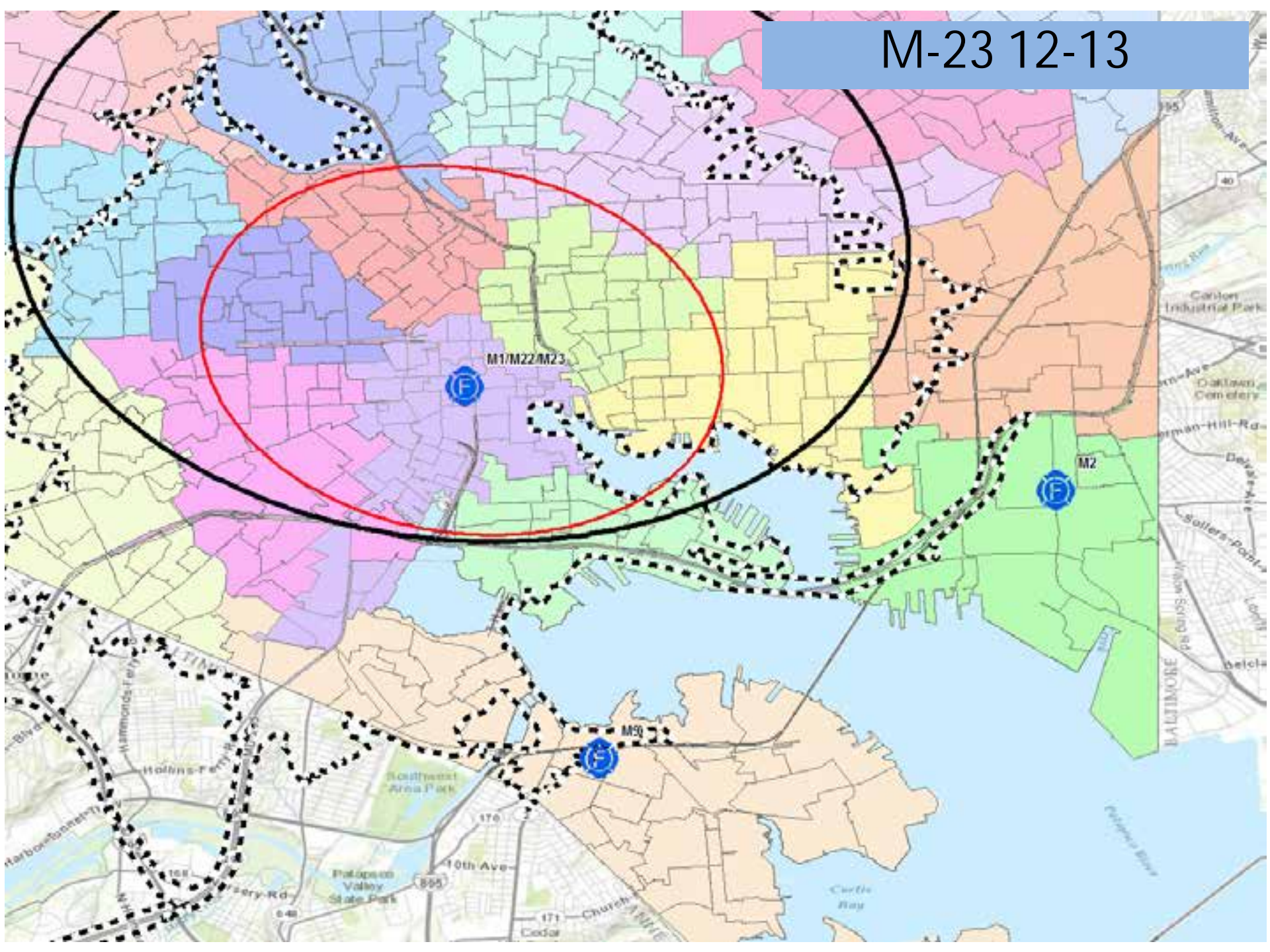


M-23 08-09

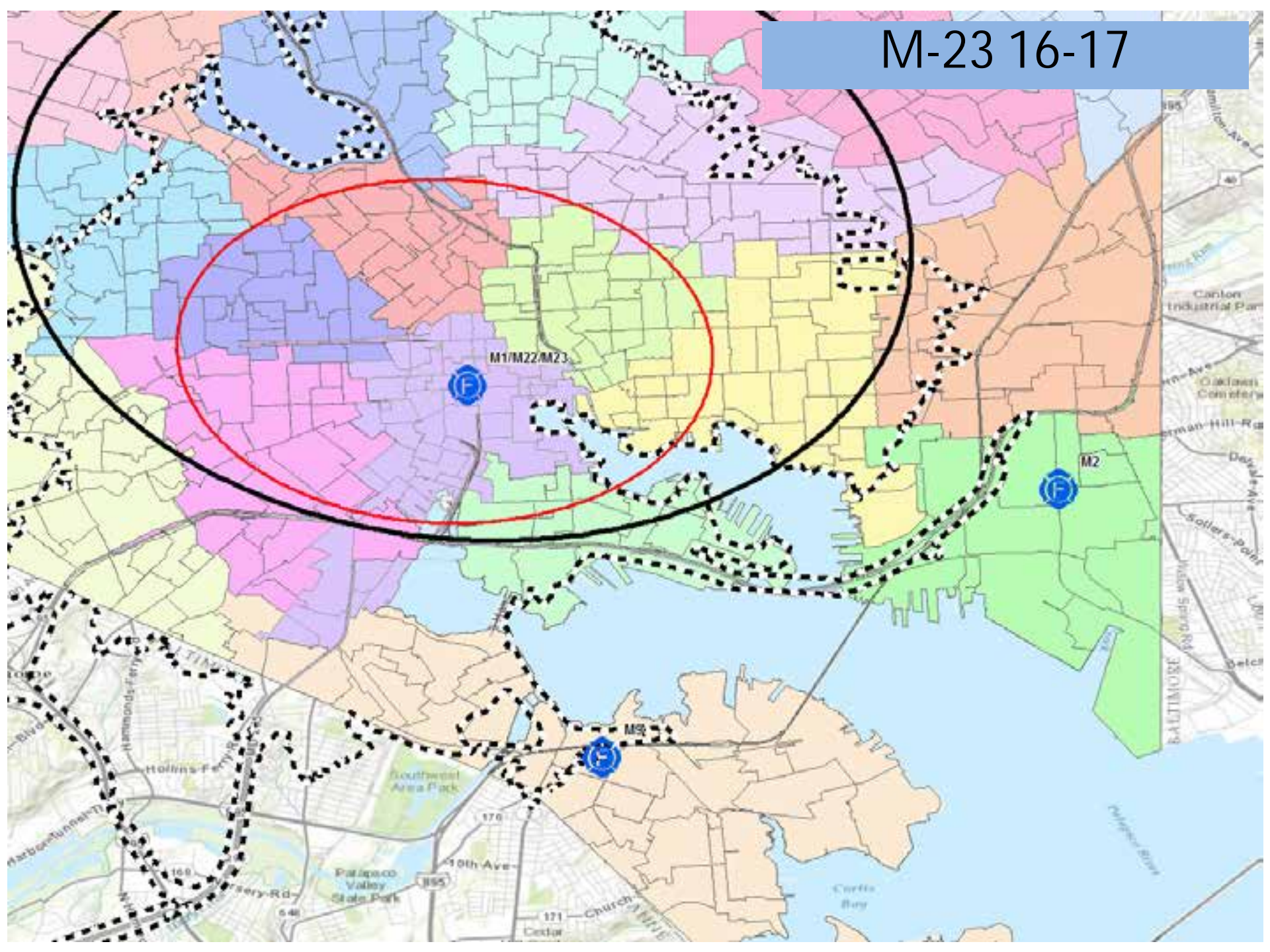




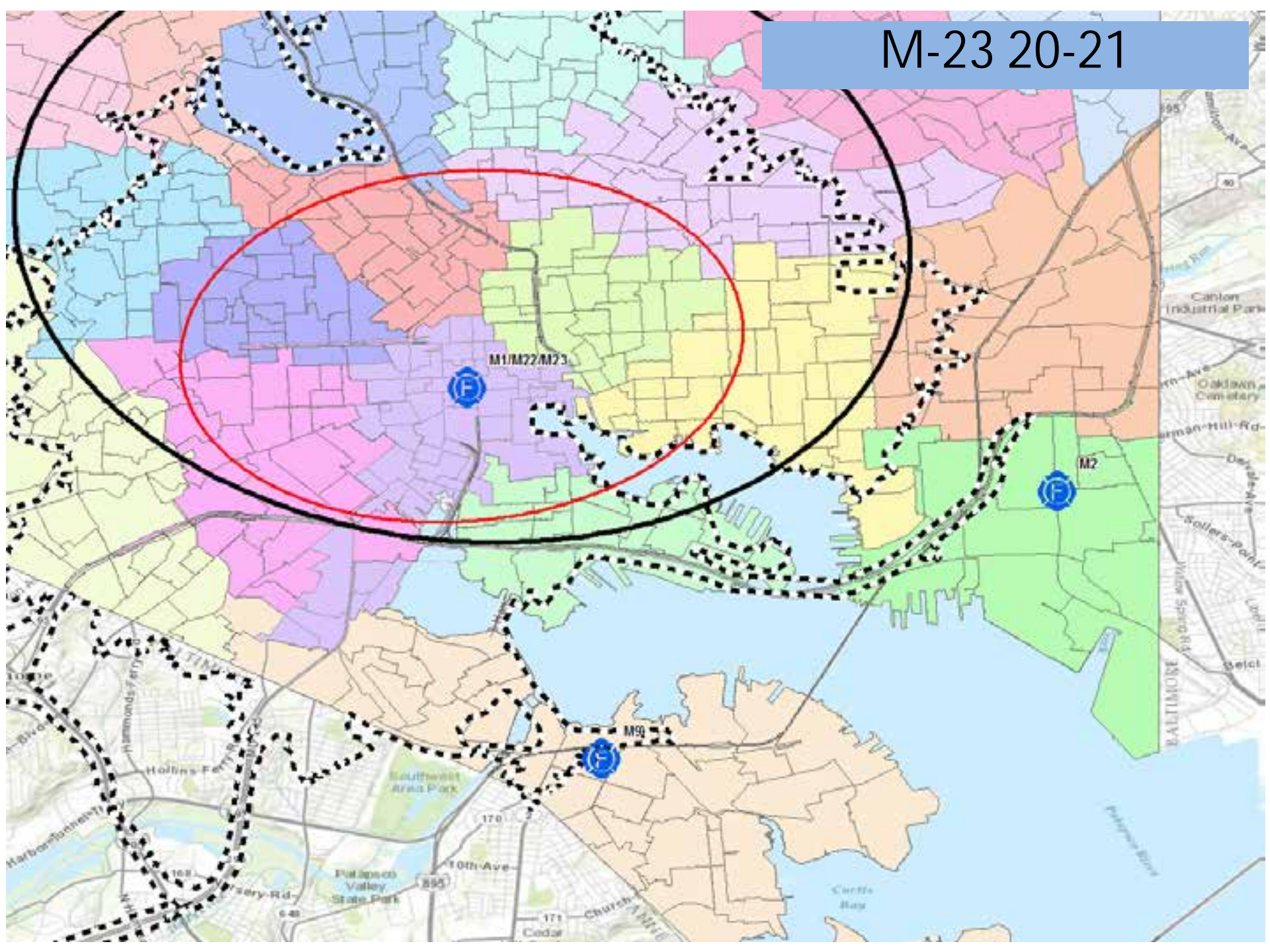
M-23 12-13

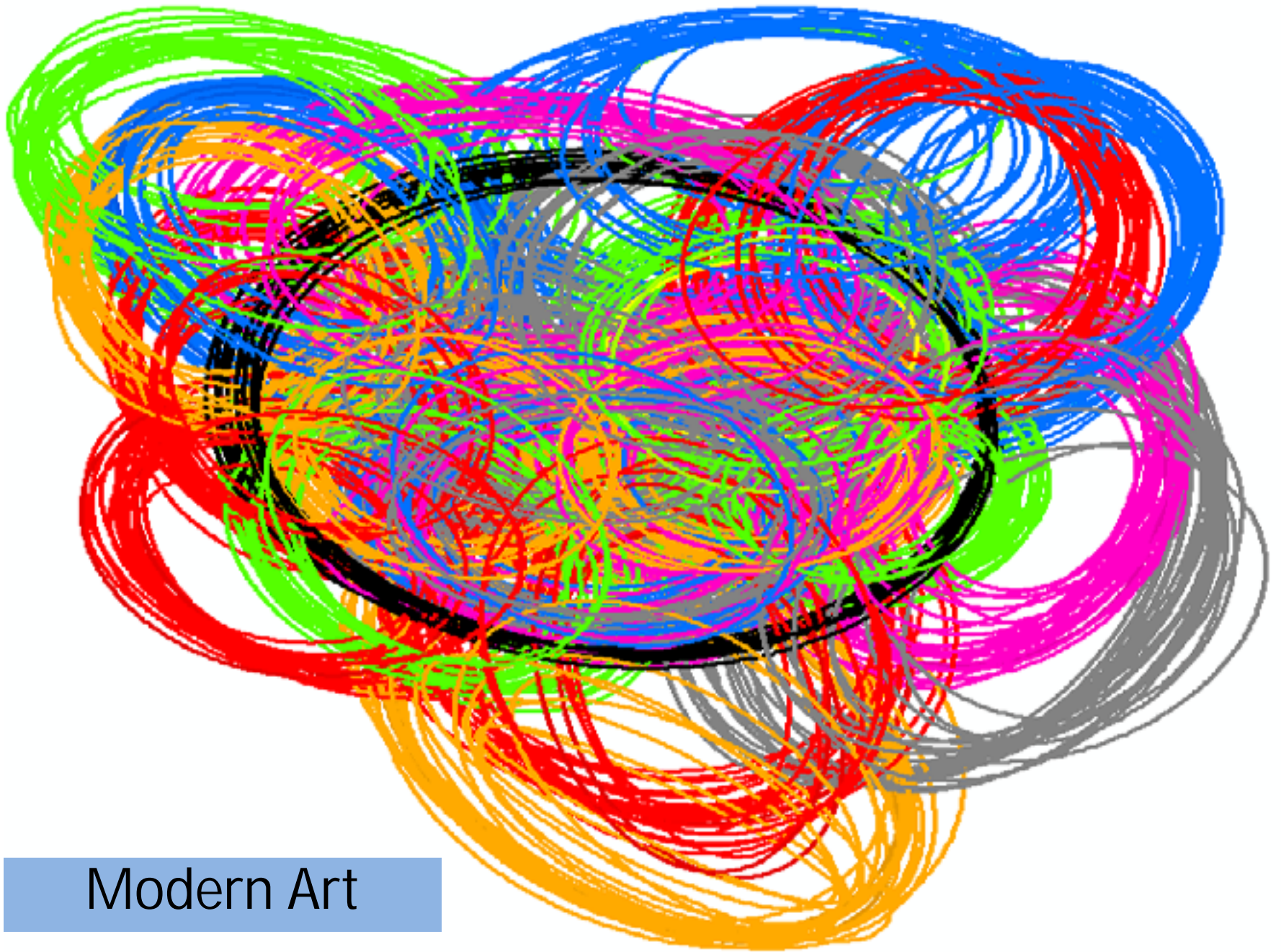


M-23 16-17



M-23 20-21





Modern Art