



September 28, 2022

Governing Board Communication

Agenda Item B-1

TO: MERA Governing Board
FROM: Dave Jeffries, Deputy Executive Officer for the Next Gen System
SUBJECT: Report # 104 on the Next Gen System

Recommended Action: For information or discussion only

Background:

- 1) Recent Project Meetings and Conference Calls
 - a. MERA Executive Staff Calls: Bi-Weekly
 - b. Implementation Project Team Calls: Weekly
 - c. Coordination Team Calls (MERA, FE, AECOM, MSI): Bi-weekly
 - d. MERA Training Committee: Meeting scheduled for 09/28/22
- 2) Project Schedule: This reflects the latest schedule update as of 07/31/22. The next update should be available for the October GB meeting.

Description	04/28/22 Baseline	As of 07/31/22	Prior Change	Current Change
P25 Installation Complete	09/08/2023	12/05/2023	+ 0	+ 58 days
AECOM Site Work and Tower Turnover	09/25/2023	12/06/2023	+17 days	+ 42 days
Perform System Functional Testing (Start)	11/06/2023	01/02/2024	+21 days	+ 57 days
Perform CATP (Coverage Testing)	03/14/2024	05/23/2024	+19 days	+ 70 days
Cutover Complete	05/01/2024	07/12/2024	+19 days	+ 72 days
Final System Acceptance	10/08/2024	12/18/2024	+17 days	+ 71 days

- 3) Bid Packages:
 - a. BP-1: Construction complete. Motorola has completed installations of all radio equipment, except for a few items at EOF. Microwave will be installed later.
 - b. BP-1A: Construction complete, Motorola has completed the Tiburon shelter and Tower. Dollar Hill shelter is complete with antennas on 10/17/22. Stewart Point Shelter and Tower complete. Motorola installations pending.
 - c. BP-2: Construction in progress, Sonoma Shelter ready for Motorola.
 - d. BP-3: Pre-Bid meeting and Site walks completed, scheduled for award at the 10/22 GB meeting.

- e. BP-4: Includes the five remaining sites and is addressed in GB Item #B4 for this meeting.

4) Site Overview:

As of: 08/15/2022	Pre-Construction				Construction		Motorola				
	Pre-Bid Activity	Bid Packages	Bids Out to Bid	Bids Awarded	Start	Complete	Staging	Shelters	Towers	Accept	
Site											
EOF		#1									
Civic Center		#1									
Big Rock		#2									
Mt. Tam.		#4									
Mt. Barnabe		#1									
Point Reyes		#4									
Dollar Hill		#1A									
San Pedro		#2									
Tiburon		#1A									
Sonoma Mt.		#2									
Stewarts Pt.		#1A									
Tomales		#3									
Coyote Peak		#4									
Skyview Terr.		#3									
Muir Beach		#4									
Wolfback Rdg.		#3									
OTA		#4									
Mill Valley		#3									
		Completed						In progress			

5) Key Project Summary Details:

- a. Lease Status:
 - i. All leases completed.
 - ii. Mt. Tamalpais Site changing management, reviewing impacts.
- b. Contract Changes:
 - i. An extension to the AECOM agreement is being presented during this meeting.

6) Connectivity:

- a. MERA and Motorola have reviewed the technology and both MERA and local agency needs. MERA contracted with Marin IT to develop a detailed plan and equipment list to support connectivity for Dispatch, Fire Station Alerting and Wi-Fi Programming. That plan is expected to become final shortly. After a period of testing, workshops will be held with the affected agencies.

7) Project Summary Table:

<p style="text-align: center;"><u>Tasks Completed</u></p> <ol style="list-style-type: none"> 1. Fire Station Alerting Design Review 2. Extension of Federal Engineering contract 3. Talkgroup Templates 4. Radio Equipment Configurations 5. Develop agency Radio Alias schemes 	<p style="text-align: center;"><u>Upcoming Tasks</u></p> <ol style="list-style-type: none"> 1. Bid Awards - BP #4 2. Neighborhood notifications to Skyview and Mill Valley for construction 3. Develop Final Subscriber Radio Equipment order 4. Develop Code Plugs for NG Subscriber Units
<p style="text-align: center;"><u>Tasks in Progress</u></p> <ol style="list-style-type: none"> 1. Motorola installations at BP-1A and 2 sites 2. Training Committee Review of Motorola materials 3. Construction of BP-2 Sites 4. Obtain bids for BP-3 5. Connectivity Planning 6. Pt Reyes Site – FAA Pole deconfliction 	<p style="text-align: center;"><u>Next Six Months</u></p> <ol style="list-style-type: none"> 1. Complete Motorola installs at BP-2 sites 2. Construction at BP-3 and BP-4 sites

- 8) Questions and issues regarding the Next Gen System should be referred to Deputy Executive Officer for the Next Gen System Dave Jeffries.