

KCDA P25 RADIO PROJECT STATUS UPDATE

Update Provided to KCDA Administrative Policy Board

February 25, 2019

Updated Provided by: Rich Nita, Motorola PM





KCDA P25 RADIO PROJECT STATUS UPDATE

- Site Acquisition & Development

- As of 12/28/18 all twelve RF sites & two dispatch centers are finalized. Moving forward with site development on all fronts.

- DDP

- Single site DDP approved for Kent County Dispatch 01/07/19. Plan to deliver single, comprehensive DDP for the balance of sites. ETA late March.

- Budget

- Geo Prime, redundant site routers on hold pending prioritization effort.
- Timing for reconciliation of unanticipated costs (outside original contract scope) to follow the comprehensive DDP completion/approval.

- Timeline

- Detailed schedule constructed, key milestones on Slide 3.
- Working to ID opportunities to expedite materials and fast track tasks to achieve CATP by fall 2019.





KCDA P25 RADIO PROJECT STATUS UPDATE (CONT'D)

- KC Sheriff's Dispatch, Early Deployment
 - Re-ran structural analysis based on actual foundation and soils - PASS.
 - Site visit complete 2/14/19 by MSI, Pyramid, TeleRad and MPSCS to understand current operation and plan for transition to updated console FNE and OPs.
 - Nokia microwave backhaul process underway; includes link to GR Dispatch.
- Additional Progress
 - Nokia physical path studies complete, Nokia report due end of Feb.
 - Honor Camp line and antenna materials ordered; Gezon, Belknap in process.
 - Shelter orders in process, tower orders pending input from Nokia path studies & final structural analyses.
 - FCC licensing underway, MPSCS targeting April coordination meeting.
 - Final coverage maps created; under review.
 - Generating multi-County map (Ottawa, Allegan, Newaygo, Montcalm, Ionia, Barry, and Allegan locations), so we can visualize the fill-in coverage and the reliance upon, those external locations.



PROJECT SCHEDULE: KEY MILESTONES

Task Name	Dur	Start	Finish
Contract Award	0 d	Fri 12/16/16	Fri 12/16/16
Site Acquisition	515 d	Fri 12/16/16	Fri 12/28/18
Civil Work	383 d	Thu 3/1/18	Wed 9/4/19
Equipment Installation	315 d	Fri 6/29/18	Fri 9/27/19
System Optimization	60 d	Mon 9/30/19	Thu 12/26/19
Acceptance Testing	40 d	Fri 12/27/19	Mon 2/24/20
Cutover	60 d	Tue 2/25/20	Mon 5/18/20
Final Acceptance	0 d	Mon 5/18/20	Mon 5/18/20

- Plan is realistic/nominal with intent to improve and accelerate timeline wherever feasible.
- Tasks and durations have been reviewed and vetted by Pyramid, Telerad and MSI Engineering.
- Currently working to ID opportunities that would enable coverage testing by fall 2019 timeframe (to complete during full foliage).
- Proceeding with 'aggressive caution': 2 sites construction complete, 4 sites cold installs complete, early firmware prep/partial vehicle installs.



SITE STATUS

SITE	TOWER NAME/LOCATION	STATUS	COMMENTS
1	HONOR CAMP		Construction complete.
2	92 ND ST/GAINES		Site development moving forward.
3	JOHN BALL ZOO		Site development moving forward.
4	CEDAR SPRINGS		SA refresh in process, moving forward.
5	CANNONSBURG		SA refresh in process, moving forward.
6	ALTO FIRE/BOWNE		Site development moving forward.
7	CUMBERLAND/VERGENNES		Site development moving forward.
8	PLAINFIELD WT		Site development moving forward.
9	GEZON WT		Construction complete.
10	WOODLAWN WT		Site development moving forward.
11	BELKNAP		Site moving forward, standing by for antenna and lines.
12	MOORE PARK/MUSKEGON		Site development moving forward.
13	GRAND RAPIDS DISPATCH		Site development moving forward.
14	KENT COUNTY DISPATCH		SA in process, site development moving forward – early deployment.





THANK YOU



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