



Contra Costa County

To: Board of Supervisors
From: David Twa, County Administrator
Date: December 8, 2020

Subject: Relocate the telecommunications infrastructure located at 651 Pine Street, Martinez

RECOMMENDATION(S):

AUTHORIZE the County Administrator or designee to direct the Department of Information Technology, Chief Information Officer to relocate the telecommunications infrastructure located in and on 651 Pine Street, the old administration building, including replacement, relocation and modernization of infrastructure as detailed in the attached plan to assist with the demolition of the building complex located at 651 Pine Street, Martinez.

FISCAL IMPACT:

The cost of relocating the existing radio/microwave tower currently on top of 651 Pine Street, to decommission and migrate the telephone hub from 651 Pine Street to 1025 Escobar and other plan tasks is estimated to be approximately \$15,000,000. (100% General Fund Capital Reserves)

BACKGROUND:

The following is a summary of the project tasks, activities, resources and anticipated costs associated with the destruction of 651 Pine Street.

Project Tasks:

DoIT will be required to perform and complete the following tasks prior to any work toward

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **12/08/2020** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: John Gioia, District I Supervisor
Candace Andersen, District II Supervisor
Diane Burgis, District III Supervisor
Karen Mitchoff, District IV Supervisor
Federal D. Glover, District V Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: December 8, 2020

David Twa, County Administrator and Clerk of the Board of Supervisors

By: June McHuen, Deputy

Contact: Eric Angstadt
925.655.2075

cc:

the demolition of 651 Pine St location can begin.

BACKGROUND: (CONT'D)

- Radio / Microwave Tower Replacement
 - Identify location and Property Owner
 - Engage Design Engineer for Site Build
 - Map Out Radio Channel Site Conversion
 - Move Microwave Data
- Phone System Decommissioned and Migrated
 - The following locations will need to be converted to UC Service
 - 625 Court
 - 1111 Ward
 - 1010 Ward
 - 751 Pine
- Copper and Fiber Facilities Replaced
 - The following locations will require copper and fiber build-out
 - 625 Court
 - 725 Court
 - 751 pine
 - 1000 Ward
 - 1010 Ward
 - 1111 Ward

Project Resources (County/Consultant):

- CSI for Radio / Microwave
- Randy DeMerse – DoIT Radio
- Wayne Tilley – DoIT
- Jon Colefield – Telecommunication Manager
- Tony Jacobson – Lead Telecom Tech
- Don Barstow - E3 System Facility Replacement and Cabling
- Todd Torgerson - AT&T Project Manger
- Traci Young – DoIT Project Management Office

Project Milestones

- Completed
 - CSI Replacement Tower Location
 - CSI opening Conversion with Property Owner
 - Microwave Phasing issues can be Mitigated by Antenna Design
 - PBX Switch Dump has been Completed for 625 Court
 - Tax Collector engaged with inContact (IVR/ACD)
- Upcoming
 - Move CC FPD off Microwave to Landline at RMC
 - Determine what LMR equipment will move
 - Determine what microwave paths can be decommissioned

- Creating a proposal to bring to East Bay Regional Parks
- inContact Contract for Tax Collector
- Conduit and Pathway Mapping between all Downtown Buildings

Project Timeline:

Project Completion targeted for **December 30, 2021**

- Radio / Microwave Relocation
 - CSI is engaged for site development
 - See CSI documentation
- Facility Replacement
 - Engaged with E3 to validate copper
 - Engaged with E3 to validate fiber
 - Slated to begin replacement Q1 '21
- Phone System Migration
 - Telecom is engaged in the discovery process
 - Target date of late Q2 '21 (June)

Project Budget:

DoIT overall estimated total cost= **\$15.0M** (includes contingency). Please see breakdown below:

Radio and Microwave Tower relocation \$3.5 million

Copper and Fiber Facility remove and replace \$3.5 million

Phone System Migration \$0.8 million

Upgrades to other microwave and radio sites \$5.0 million

DoIT staff charges \$0.7 million

Project Contingence \$2.0 million