



**SANTA ANA COLLEGE  
FACILITIES COMMITTEE MEETING  
FEBRUARY 16, 2016**





## ACTIVE PROJECTS

### Santa Ana College

- ▶ Chavez Hall Renovation
- ▶ Temporary Village Phase 2

## Santa Ana College

- ▶ Perimeter Site Improvements
- ▶ Building G Renovation
- ▶ Artesia Street Improvements
- ▶ Property Acquisition of 17<sup>th</sup>/Bristol St. Lot
- ▶ Central Plant (Design)
- ▶ Dunlap Hall Renovation (Design)
- ▶ Temporary Village
- ▶ Parking Lot 11 & Site Improvements
- ▶ Tessmann Planetarium & Restroom Addition
- ▶ Dunlap Hall Renovation



# PROJECT UPDATE SANTA ANA COLLEGE DUNLAP HALL RENOVATION

## Project Summary:

- ▶ Renovate and replace the aging guard rails around the pedestrian walkways on all levels of Dunlap Hall, as well as, providing a new elevator and stair tower.
- ▶ Remodel the existing restrooms.

## Current Status:

- ▶ Punch list is 100% complete and contract close-out documents are in process. Notice of Completion was approved by Board of Trustees on January 25, 2016.
- ▶ Roof construction has been completed (scheduled maintenance project). Notice of Completion was approved by the Board of Trustees on January 25, 2016.
- ▶ All moves have been completed the first week in February prior to the start of Spring Semester.
- ▶ Re-occupancy Spring Semester 2016.

## Budget:

- ▶ **\$1.56 million** (remainder funded by Measure Q)





# PROJECT UPDATE SANTA ANA COLLEGE CHAVEZ HALL RENOVATION

## Project Summary:

- ▶ Repairs to the roof, exterior walls, windows, parapet and restoration of interior and exterior finishes.

## Current Status:

- ▶ Geotechnical investigation underway.
- ▶ Test pilot project has been completed.
- ▶ District review of pilot study ongoing.
- ▶ Multi-phased project still under review.

## Budget:

- ▶ \$400,000 (under review).





# PROJECT UPDATE SANTA ANA COLLEGE TEMPORARY VILLAGE PHASE 2

## Project Summary:

- ▶ Relocation of current Johnson occupants and programs into the Temporary Village which includes an interior reconfiguration within the portables.

## Current Status:

- ▶ Contractor was approved by the Board of Trustees on January 25, 2016.
- ▶ Kick-off meeting with contractor took place on January 29, 2016.
- ▶ Current activities: installation of construction fencing and tearing down of cubicle partitions.
- ▶ Upcoming activities: conduit runs for data and electricity.
- ▶ Target move into Temporary Village by Johnson occupants – spring 2016.

## Budget:

- ▶ \$3 million





## PROJECTS

- ▶ Dunlap Hall Renovation
- ▶ Central Plant & Infrastructure
- ▶ Johnson Student Center
- ▶ Johnson Demolition
- ▶ Science Center & Building J Demolition
- ▶ 17<sup>th</sup> & Bristol Street Parking Lot



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- ▶ Re-occupancy Spring Semester 2016.

## Budget:

- ▶ \$18.78 million







# PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT AND INFRASTRUCTURE

## Project Summary:

- ▶ Construction of a new central plant building to reduce electrical leads during peak demand periods.
- ▶ The project includes the replacement of all underground utilities (domestic water, sewer, fire water, storm drain, gas, electric and data).
- ▶ The new central plant has a chilled water loop which connects to the HVAC equipment in 7 buildings to provide cooling.
- ▶ The new central plant includes a new Energy Management System (EMS).
- ▶ The central plant building will be designed to meet LEED Silver certification.

## Budget:

- ▶ \$68.17 million



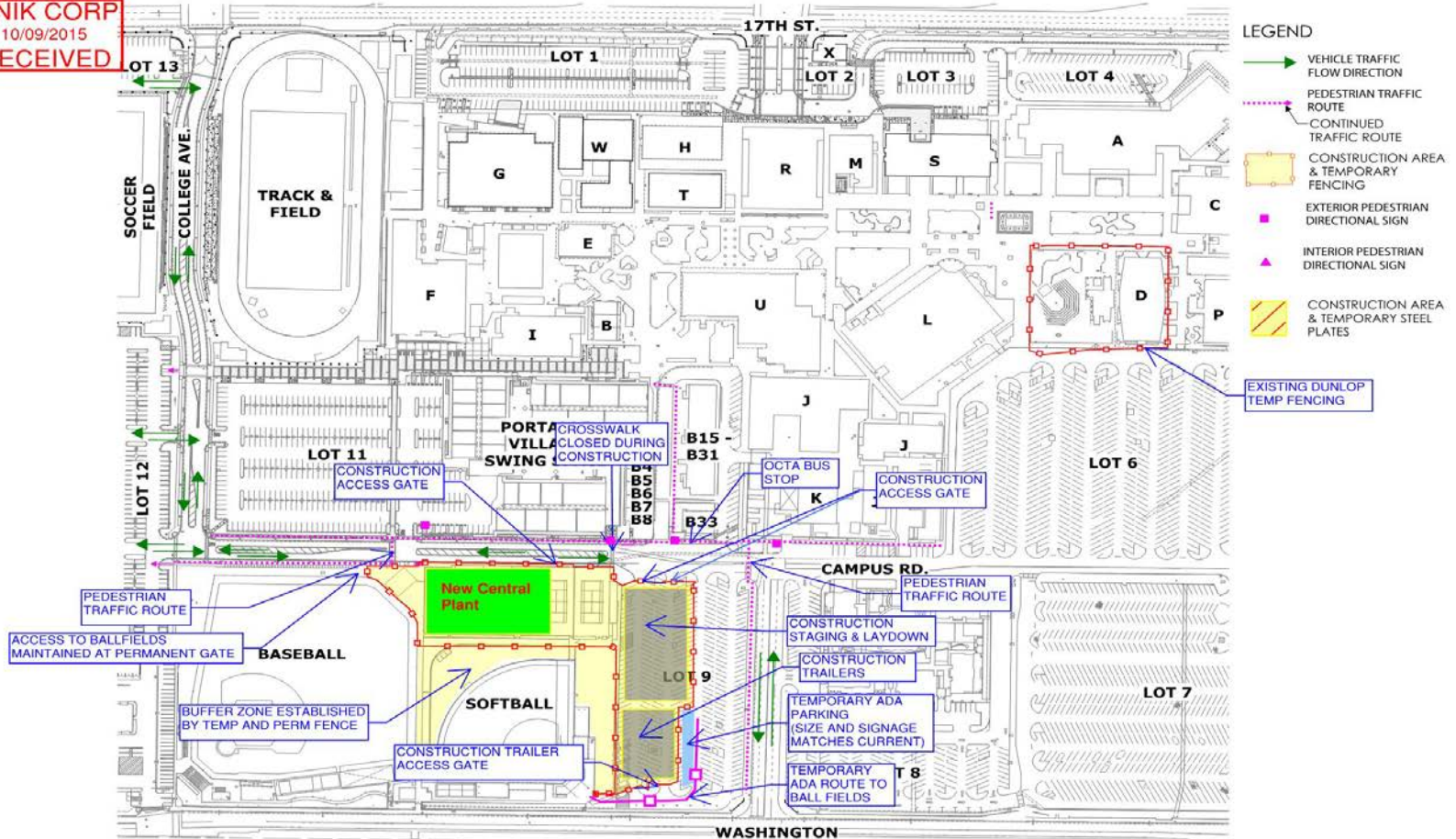
## Current Status:

- ▶ Current activities: excavation and installation of new water lines, excavation for new sewer, and reduce a portion of Campus road to one-way traffic.
- ▶ Upcoming activities: installation of a new signal, excavation and installation of new power lines, installation of new gas service between building J and K, and layout of electrical lines at Central Plant.
- ▶ Project Close-Out 2018



# PROJECT UPDATE SANTA ANA COLLEGE CENTRAL PLANT AND INFRASTRUCTURE LAYDOWN PLAN

**LINK CORP**  
10/09/2015  
**RECEIVED**



- LEGEND**
- VEHICLE TRAFFIC FLOW DIRECTION
  - PEDESTRIAN TRAFFIC ROUTE
  - CONTINUED TRAFFIC ROUTE
  - CONSTRUCTION AREA & TEMPORARY FENCING
  - EXTERIOR PEDESTRIAN DIRECTIONAL SIGN
  - INTERIOR PEDESTRIAN DIRECTIONAL SIGN
  - CONSTRUCTION AREA & TEMPORARY STEEL PLATES
  - EXISTING DUNLOP TEMP FENCING

**CAMPUS IMPROVEMENT CONSTRUCTION TEMPORARY PEDESTRIAN & VEHICLE ROUTING - (10/12/2015 (NTP) - 5/31/2018 (Final Comp + 1 month))**



# PROJECT UPDATE SANTA ANA COLLEGE JOHNSON STUDENT CENTER

## Project Summary:

- ▶ Construction of a 59,638 square foot new Johnson Student Center.

## Current Status:

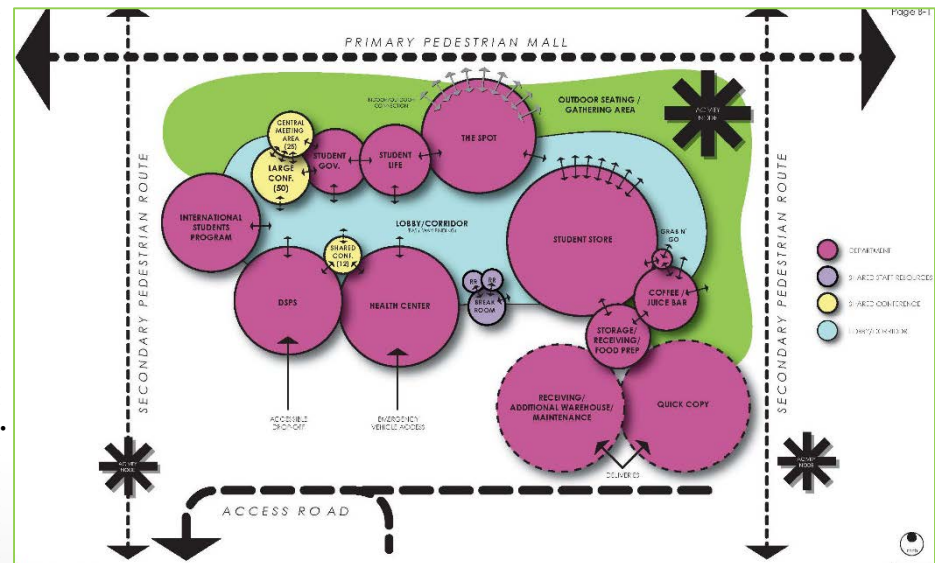
- ▶ Program document is finalized and has been approved by Campus and District.
- ▶ Preliminary schematic design phase has begun with Executive Group meetings and User Group meetings.
- ▶ DSA approval anticipated to be late January 2018.
- ▶ Target new construction start May 2018.

## Budget:

- ▶ \$40.7 million target

\$35.07 funded by Measure Q

Note: Budget is currently deficient by \$5.64





# PROJECT UPDATE SANTA ANA COLLEGE JOHNSON DEMOLITION

## Project Summary:

- ▶ Demolition of existing Johnson Student Center.
- ▶ Demolition of J Buildings will now occur as part of the new Science Center project.

## Current Status:

- ▶ Project is currently in construction document phase.
- ▶ Target relocation into interim housing - spring 2016.
- ▶ Decommission building in spring/summer 2016.
- ▶ Target out-to-bid April 2016.
- ▶ Target demolition start in summer 2016 – winter 2016.

## Budget:

- ▶ \$1.8 million





# PROJECT UPDATE SANTA ANA COLLEGE SCIENCE CENTER

## Project Summary:

- ▶ Construction of a new 65,428 square foot science center housing modern laboratories, classrooms, lecture classrooms, and faculty offices.
- ▶ Demolition of J Buildings.



## Current Status:

- ▶ Final schematic design package has been approved by Campus and District.
- ▶ Design Development phase commenced December 2015.
- ▶ DSA approval target – September 2017.
- ▶ Target construction start – December 2017.



## Budget:

- ▶ \$73.38 million





# PROJECT UPDATE SANTA ANA COLLEGE PARKING LOT AT 17<sup>TH</sup>/BRISTOL ST.

## Project Summary:

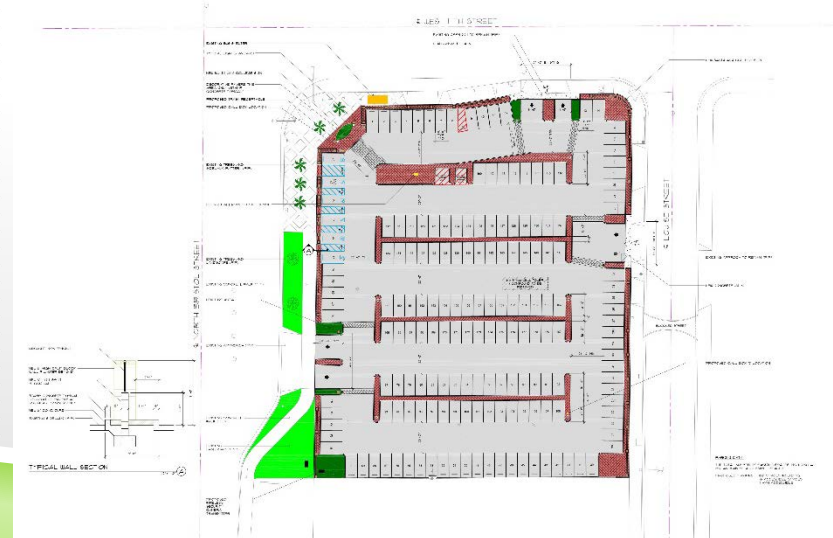
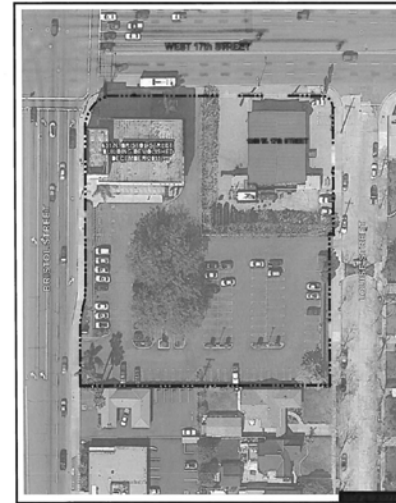
- ▶ New surface parking lot.

## Current Status:

- ▶ In construction document design phase.
- ▶ Parking lot to be utilized for contractor worker parking for Central Plant on an interim basis.
- ▶ Target DSA submittal has been delayed due to additional meetings required with the City.
- ▶ Target construction schedule is being re-evaluated.

## Budget:

- ▶ \$2.5 million
- ▶ Acquisition of property was paid by Measure E funds.





# 2014-2015 SCHEDULED MAINTENANCE COMPLETED PROJECTS

## **Santa Ana College**

State Allocation 2015                      \$1,837,332

- ▶ Chavez Hall Roof Repairs
- ▶ Chavez Hall Window Repairs
- ▶ Building L Roof Repairs (completed)
- ▶ Buildings H, R, T Plumbing Fixtures
- ▶ Building E, L, T & R Exterior Painting
- ▶ Dunlap Hall Roof Replacement



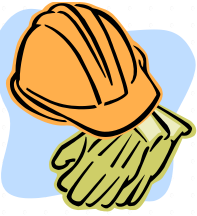
# 2015-2016 SCHEDULED MAINTENANCE NEW PROJECTS

## **Santa Ana College – In Planning**

State Allocation 2016                      \$1,837,665

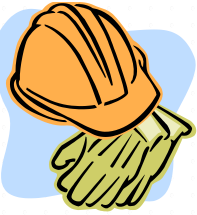
- ▶ Roof Replacement (W)
- ▶ Roof Replacement (G & S)
- ▶ Roof Replacement (E, K & T)
- ▶ Water Conservation
- ▶ Door Replacement (C, H, L, R, S and OCSRTA)
- ▶ Flooring Repair (Gym)
- ▶ Painting (C & S)
- ▶ Waste Oil Tank Removal & Replacement (K)





# 2015-2016 SCHEDULED MAINTENANCE PROJECTS SANTA ANA COLLEGE

| PROJECT                                   | STATUS  | ESTIMATED BUDGET   |
|---|---|--------------------|
| Roof Replacement (W)                      | Formal bid documents being developed.   | \$317,790          |
| Roof Replacement (G, S)                   | Formal bid documents being developed.   | \$568,200          |
| Roof Replacement (E, K, T)                | Formal bid documents being developed.   | \$490,900          |
| Water Conservation                        | Site survey of existing conditions has been completed. Bid documents to be developed.   | \$80,000           |
| Door Replacement ( C, H, L, R, S, OCSRTA) | In planning. Upcoming survey assessment for replacement.  | \$100,530          |
| Flooring Repair (G)                       | Site survey of existing conditions has been completed. Additional investigation is required to determine cause of damage.                             | \$100,005          |
| Painting (C, S)                           | Bid documents are being developed.  | \$117,700          |
| Waste Oil Tank Replacement                | Ongoing coordination with environmental consultants to determine agency approvals and permits required. RFP to be released for investigative borings. | \$62,500           |
| <b>TOTAL</b>                              |   | <b>\$1,837,775</b> |



## OTHER CURRENT PROJECTS SANTA ANA COLLEGE

### **Door Hardware Upgrade**

#### Project Summary:

- ▶ To retrofit door hardware across the campus.
- ▶ This work will be phased over the next several years.

#### Current Status:

- ▶ Work is ongoing.

#### Budget:

- ▶ \$85,857

### **Orange County Sheriff's Regional Training Academy**

#### Project Summary:

- ▶ New block wall to screen training area from the public right-of-way.
- ▶ Temporary screening as an interim measure.

#### Current Status:

- ▶ Project is in design.
- ▶ Anticipated DSA approval February 2016.
- ▶ Bid documents to be released March 2016.
- ▶ Anticipated construction May 2016.

#### Budget:

- ▶ \$420,000



# YEAR THREE PROP 39 PROJECTS SANTA ANA COLLEGE

## Project Summary:

- ▶ LED lighting conversion at the Orange County Sheriff's Regional Training Academy and Digital Media Center (Interior and Exterior).

## Current Status:

- ▶ Installation of LED lighting at Digital Media Center (interior and exterior) has been completed.
- ▶ Installation has commenced at Orange County Sheriff's Regional Training Academy.
- ▶ Anticipated construction completed March 2016.

## Budget:

- ▶ \$341,701

## Project Summary:

- ▶ An additional Year Three project has been identified.
- ▶ LED Lighting conversion at Building I and Z at Santa Ana College

## Current Status:

- ▶ Bids were released January 22, 2016.
- ▶ A mandatory job walk was held on February 1, 2016.
- ▶ Anticipated construction to commence March 2016 – June 2016.

## Budget:

- ▶ \$ 100,000



# YEAR FOUR PROP 39 PROJECTS SANTA ANA COLLEGE

## Project Summary:

- ▶ Energy Management Systems (EMS) upgrade at Santa Ana College (15 buildings), Digital Media Center and Orange County Sheriff's Regional Training Academy.

## Current Status:

- ▶ Currently assessing feasibility and potential scope of work.

## Budget:

- ▶ Pending



# QUESTIONS