

LOS ANGELES TRADE-TECH COLLEGE

FACILITIES MASTER PLAN
UPDATE | SPRING 2019

LOS ANGELES COMMUNITY COLLEGE DISTRICT

DRAFT April 2019

FACILITIES MASTER PLAN UPDATE SPRING 2019

MASTER PLANNING TEAM

Alma Strategies, Education Planning
BuildLACCD, Program Management and College
Project Team
Los Angeles Trade-Tech College
Sirius Environmental
Steinberg Hart, Facilities Planning



TABLE OF CONTENTS

| | | | |
|---|----|---|----|
| 01 | 4 | 07 | 20 |
| Purpose of the Facilities Master Plan Update Spring 2019 | | Building Areas | |
| 02 | 5 | 08 | 24 |
| 2009 Master Plan | | Site and Program Capacity: Measure “CC” and the Campus Master Plan | |
| 03 | 6 | 09 | 26 |
| 2019 Existing Campus Plan 2019 New Building Names | | Project Implementation Schedule | |
| 04 | 10 | | |
| 2019 Facilities Master Plan Update | | | |
| 05 | 12 | | |
| Proposed Parking and Circulation | | | |
| 06 | 14 | | |
| Project Descriptions | | | |

01

PURPOSE OF THE FACILITIES MASTER PLAN UPDATE | SPRING 2019



The ***Facilities Master Plan Update - Spring 2019*** (2019 FMPU) presents an overall picture of the future development of the campus and includes recommendations for renovation and replacement of buildings, and campus-wide improvements. This document also reflects the College's accomplishments since 2009, when the Master Plan was last updated.

This report includes existing conditions analysis and recommendations for the future. It also summarizes the existing student headcount and the projected student growth through 2039. Finally it identifies proposed changes from prior Master Plans, including the square footage, height, uses, and locations of proposed buildings.

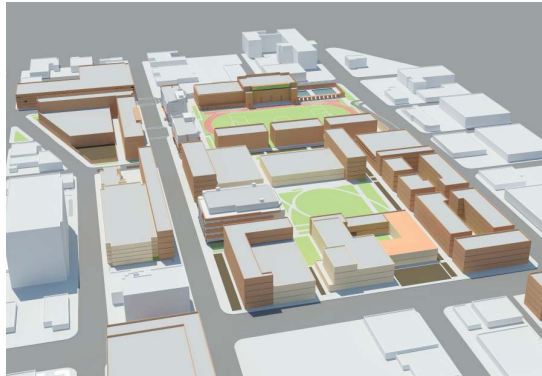
02

2009 MASTER PLAN

The Facilities Master Plan was most recently updated in 2009 and served as the basis for a series of proposed campus improvements.

CAMPUS PLAN - FACILITIES MASTER PLAN REVIEW & UPDATE - 2009

Los Angeles Trade Technical College



FINAL REPORT
October 2009

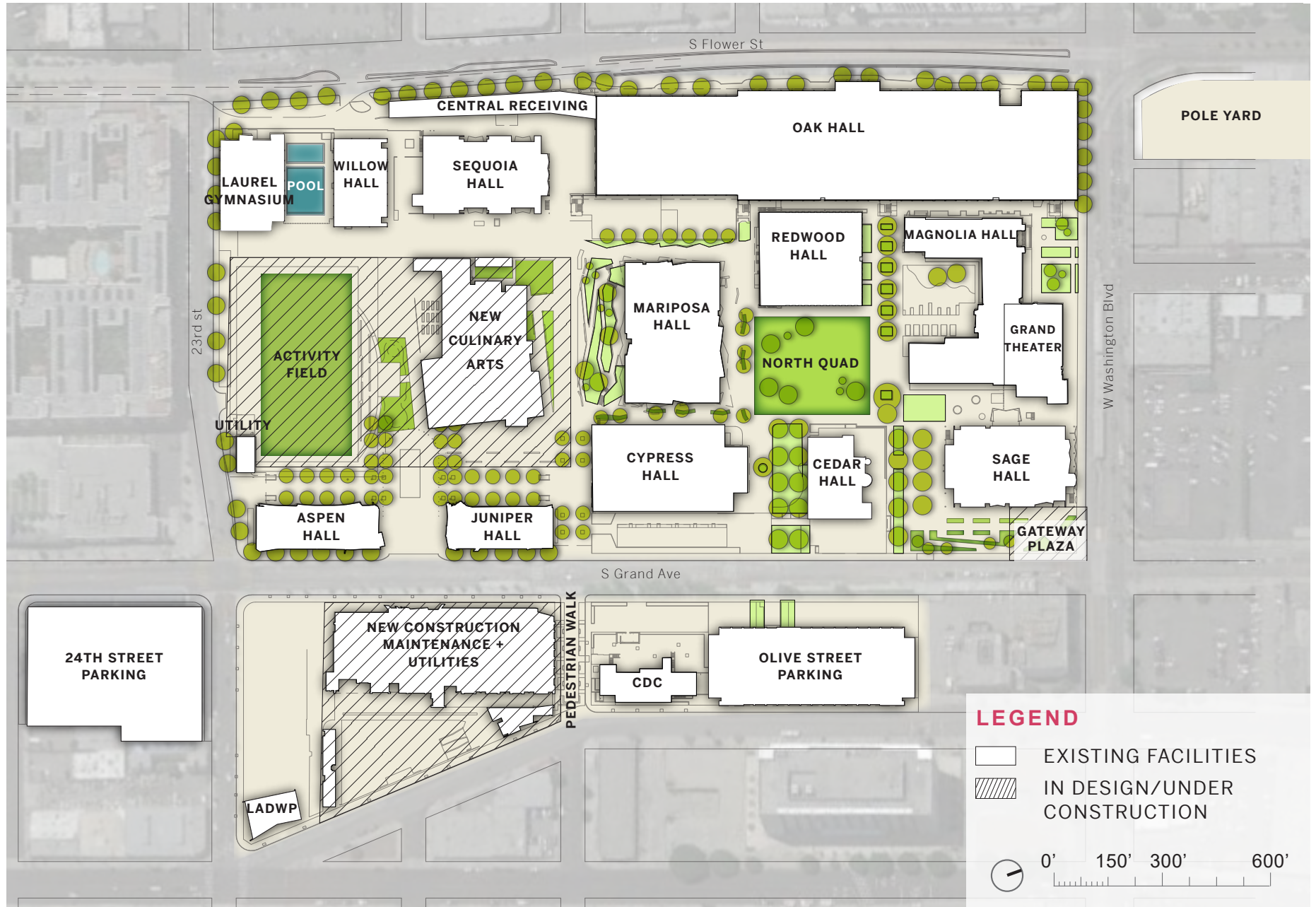
03

2019 EXISTING CAMPUS PLAN

The graphic on the facing page illustrates the existing Los Angeles Trade-Tech College (LATTC or Trade-Tech College) plan and highlights the existing facilities and those currently in design or under construction.



2019 EXISTING CAMPUS PLAN



2019 NEW BUILDING NAMES

Trade-Tech College is renaming all campus buildings. All new building names are based on the nine (9) pathways of the *California Guided Pathways Program*.

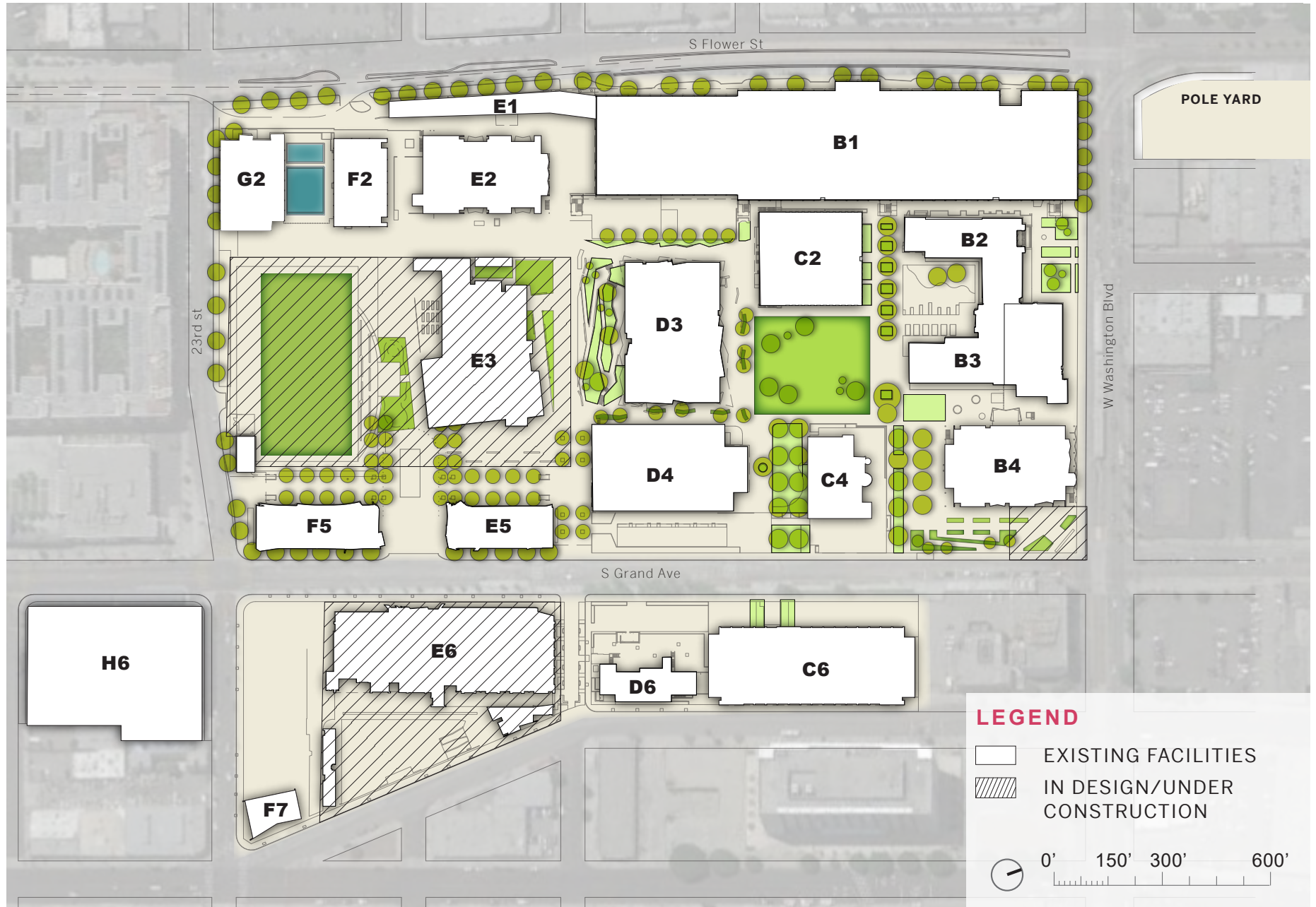
The graphic on the facing page illustrates the new naming convention and refers to the previous building names in parenthesis. The Building Key to the right pertains to the buildings shown on the following page.



BUILDING KEY

- B1** School of Advanced TRANSPORTATION & Manufacturing (ATM)
(Formerly Oak Hall)
- B2** School of COSMETOLOGY (COS)
(Formerly Magnolia Hall, West Wing)
- B3** School of HEALTH & Related Sciences (HRS)
(Formerly Magnolia Hall, East Wing)
- B4** School of CULINARY ARTS (CA)
(Formerly Sage Hall)
- C2** Tom Bradley Center for Student Life
(Formerly Redwood Hall)
- C4** School of Applied SCIENCES (AP) North Entrance/School of
BUSINESS + Civic Engagement (BCE) - South entrance
(Formerly Cedar Hall)
- C6** Olive Street Parking Structure
- D3** Student Support Center (aka the Hub)
(Formerly Mariposa Hall)
- D4** School of DESIGN & MEDIA ARTS (DMA)
(Formerly Cypress Hall)
- D6** Child Development Center (CDC)
- E1** Central Receiving
- E2** School of CONSTRUCTION, Maintenance & Utilities (CMU)
(Formerly Sequoia Hall)
- E3** New School of CULINARY ARTS (Under Construction)
- E5** Administration/Services Building
(Formerly Juniper Hall)
- E6** New School of CONSTRUCTION, Maintenance, & Utilities (In
Design)
- F2** Athletics Building
(Formerly Willow Hall)
- F5** School of LIBERAL ARTS (LA)
(Formerly Aspen Hall)
- F7** LADWP Sub Station
- G2** Gymnasium
(Formerly Laurel Gym)
- H6** 24th Street Parking Structure

2019 NEW BUILDING NAMES



04

2019 FACILITIES MASTER PLAN UPDATE

The **2019 FMPU** recommendations for Trade-Tech College are based on the College's current and projected needs through the year 2039.

The recommendations include new buildings (previously approved with few revisions), renovations of existing buildings (previously approved), and site improvement projects.

The final design of each site and facility project will take place as projects are funded and detailed programming and design occurs.

MASTER PLAN KEYNOTES

- | | |
|---|---|
| <p>(B) E2/G1 - New Advanced Transportation + Manufacturing 2/Transportation Workforce Institute with Shower/Locker Room facilities for Pool. Demolish Athletics and School of Construction Maintenance and Utilities.</p> <p>(C) New Activity Field</p> <p>(D) E3 - New School of Culinary Arts</p> <p>(E) F6 - Future Maintenance and Operations Building with Yard (Physical Plant, Campus Security, IT)</p> <p>(F) E6 - New Construction Technology Building and Construction Yard w/ Pedestrian walkway in vacated 21st Street</p> | <p>(J) B1 - Advanced Transportation and Manufacturing with Roof-top Parking renovation (formerly Oak Hall)</p> <p>(N) North Quad re-landscaping w/ Stormwater retention system beneath</p> <p>(O) B4 -New Design + Media Arts Building Demolish School of Culinary Arts.</p> <p>(P) Grand Avenue/Blue Line Gateway Plaza + Street Improvements</p> <p>NOTE: Legend follows the 2009 Master Plan. Letters not used have been omitted.</p> |
|---|---|

BUILDING KEY

- | | |
|--------------|--|
| A1 | Pole Yard (Future Flower Street Building) |
| B1 | School of Advanced TRANSPORTATION & Manufacturing (ATM) (Formerly Oak Hall) |
| B2 | School of COSMETOLOGY (COS) (Formerly Magnolia Hall, West Wing) |
| B3 | School of HEALTH & Related Sciences (HRS) (Formerly Magnolia Hall, East Wing) |
| B4 | New DESIGN & MEDIA ARTS |
| C2 | Tom Bradley Center for Student Life (Formerly Redwood Hall) |
| C4 | School of APPLIED SCIENCES (AP) North Entrance/School of BUSINESS + Civic Engagement (BCE) - South entrance (Formerly Cedar Hall) |
| C6 | Olive Street Parking Structure |
| D3 | Student Support Center (aka the Hub) (Formerly Mariposa Hall) |
| D4 | School of DESIGN & MEDIA ARTS (DMA) (Formerly Cypress Hall) |
| D6 | Child Development Center (CDC) |
| E1 | Central Receiving |
| E2+G1 | New Advanced TRANSPORTATION + Manufacturing 2/Transportation Workforce Institute |
| E3 | New School of CULINARY ARTS (In Construction) |
| E5 | Administration/Services Building (Formerly Juniper Hall) |
| E6 | New School of CONSTRUCTION, Maintenance, & Utilities (In Design) |
| F5 | School of LIBERAL ARTS (LA) (Formerly Aspen Hall) |
| F6 | New Maintenance + Operations |
| F7 | LADWP Sub Station |
| G2 | Gymnasium (Formerly Laurel Gym) |
| H6 | 24th Street Parking Structure |

2019 FACILITIES MASTER PLAN



05

PROPOSED PARKING AND CIRCULATION

The adjacent diagram shows the vehicular access to Campus, the current parking locations, the main pedestrian entrances and highlights the public transportation network.

The 2009 Facilities Master Plan recommended parking demand ratio was set at 1 space for every 8.2 students. Based on forecasted student headcount enrollment, the recommended ratio, the campus's urban location near two metro stations and multiple bus stops, and local and state policies encouraging transit use, the number of parking spaces are sufficient for the forecasted student enrollment.

LEGEND

-  BUILDINGS
-  VEHICULAR CIRCULATION
-  EMERGENCY CIRCULATION
-  PRIMARY PEDESTRIAN
-  SECONDARY PEDESTRIAN
-  MAIN PEDESTRIAN ENTRANCE
-  GATHERING SPACES
-  BUS STOP
-  METRO STATION
-  EXPO LINE
-  BLUE LINE
-  PARKING

EXISTING PARKING COUNT

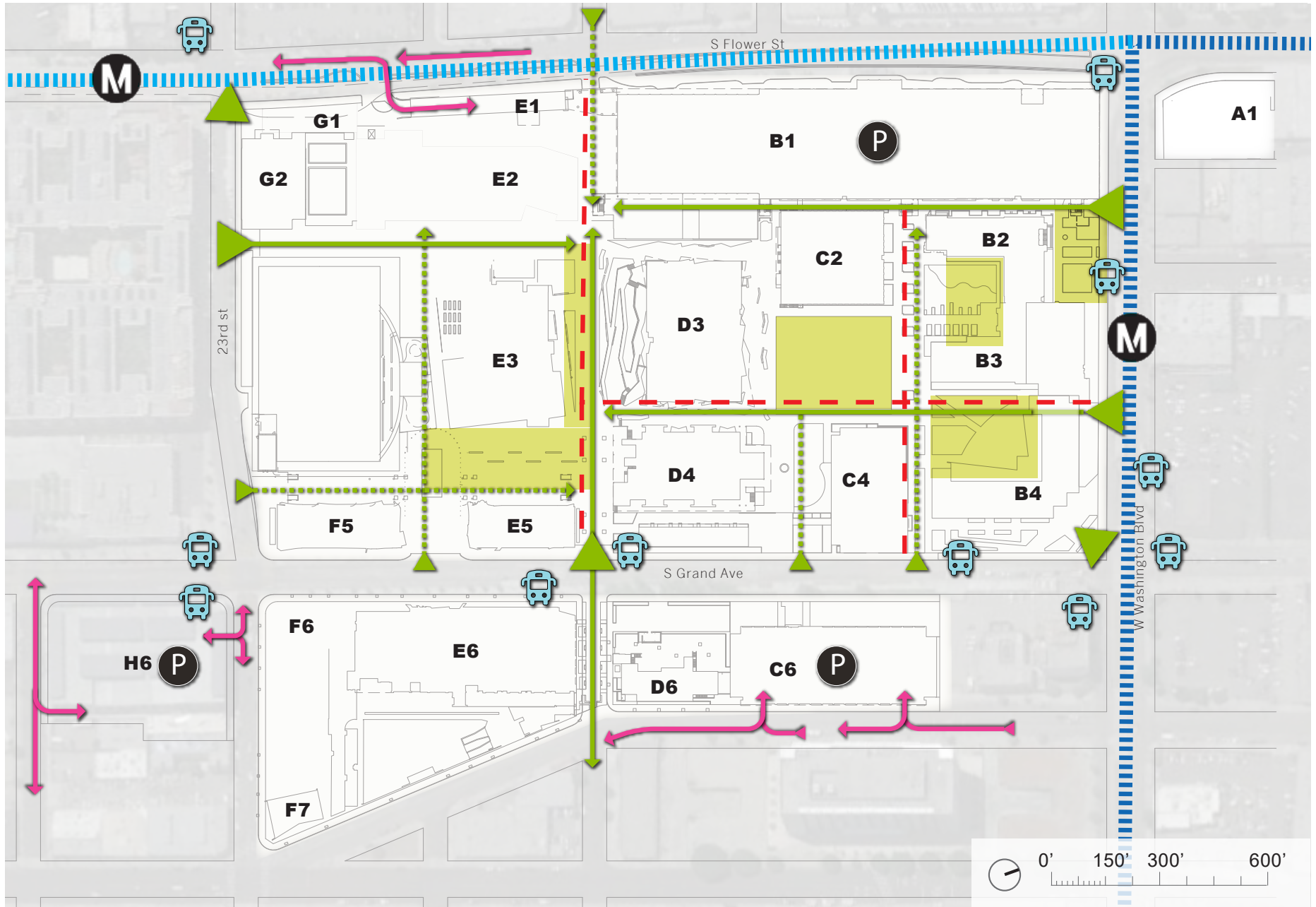
| PARKING LOT # | # OF SPACES |
|----------------------|--------------|
| 24th Street Parking | 810 |
| ATM Rooftop | 415 |
| Olive Street Parking | 981 |
| TOTAL | 2,206 |

PARKING NEED

| PARKING BASIS | 2019 BASELINE | 2039 |
|------------------------------|---------------|--------|
| Student Headcount Enrollment | 13,839 | 18,192 |
| Guideline (1:8.2)* | 1,687 | 2,218 |
| Existing Total | 2,206 | 2,206 |

*one space per 8.2 students

PARKING AND CIRCULATION



06

PROJECT DESCRIPTIONS

The recommendations for building construction and renovation, and Campus improvements projects are described here.

This **2019 FMPU** continues to recommend construction of the following buildings (previously identified, with few minor revisions):

- **B4** - Design + Media Arts Building
- **E2/G1** - New Advanced Transportation + Manufacturing 2/ Transportation Workforce Institute with Shower/Locker Room facilities for Pool
- **E3** - School of Culinary Arts
- **F6** - Maintenance & Operations Building

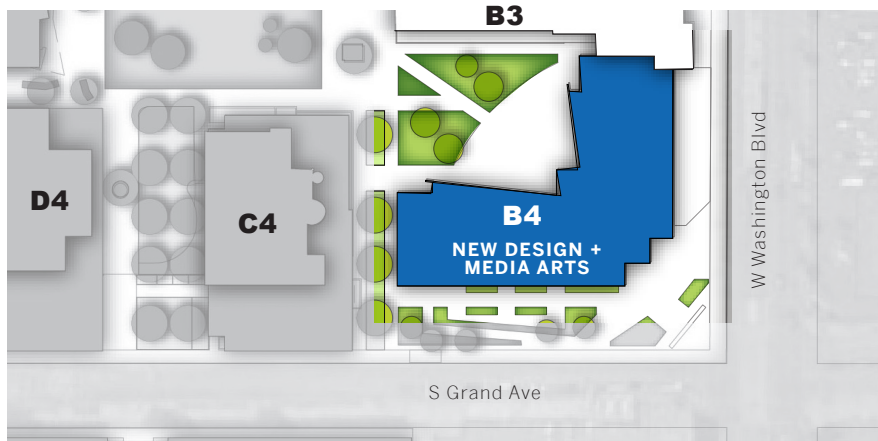
The following buildings continue to be slated for renovation to improve and modernize campus-wide services, improve energy management operations and enhance the overall experience of students and visitors:

- **B1** School of Advanced Transportation & Manufacturing (ATM) (Formerly Oak Hall)
- **C4** School of Applied Sciences (AS)/Business (TBD) (Formerly Cedar Hall)
- **D3** Student Support Center (aka the Hub) (Formerly Mariposa Hall)
- **D4** School of Design & Media Art (DMA) (Formerly Cypress Hall)

The Campus improvement recommendations are the following:

- **1** - Activity Field
- **2** - Grand Avenue Enhancement – Blue Line Station Extension
- **3** - Upgrade Electrical Distribution System
- **4** - Storm Water – North Quad & Grand Avenue

CONSTRUCTION PROJECTS

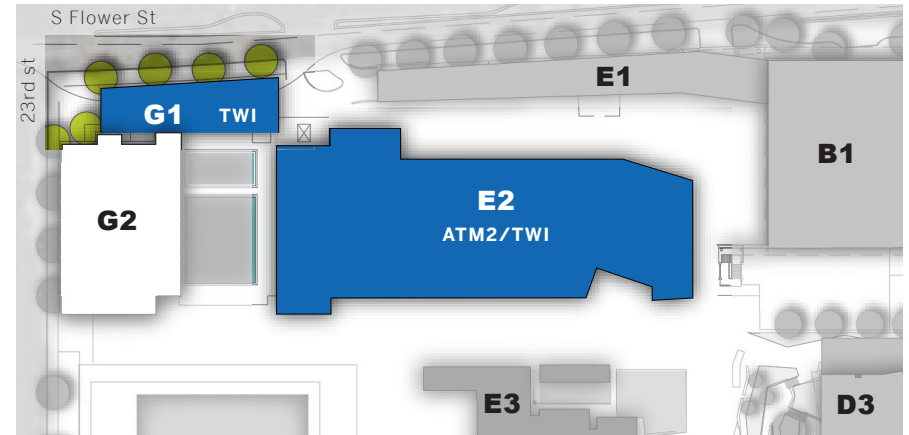


DESIGN AND MEDIA ARTS (B4)

The new Design and Media Arts building (DMA) will replace the currently undersized and outdated Design and Media Arts programs housed in Sage Hall and Cypress Hall. This project is being submitted as a Final Project Proposal (FPP) to the State (California Community Colleges Chancellor's Office – CCCCCO) for matching State funds for construction.

The new building is proposed to be three floors and about 87,300 gross square feet. The programs housed in this new buildings will include Fashion Design, Fashion Merchandising, Sign Graphics, Visual Communications and Digital Media. The building will include predominantly class laboratories, a few classrooms, offices, a meeting room, and a lounge to support the instructional spaces. Additional instructional support space includes an exhibition space for the display/critique of student work, and a museum space to showcase a collection of over 3,000 designer garments and costumes and an extensive fashion magazine and book collection, both of which are incorporated into the curriculum.

The new DMA is proposed to be located on the footprint of the existing Sage Hall, which will be demolished as part of this project.



ADVANCED TRANSPORTATION + MANUFACTURING 2/ TRANSPORTATION WORKFORCE INSTITUTE (E2/G1)

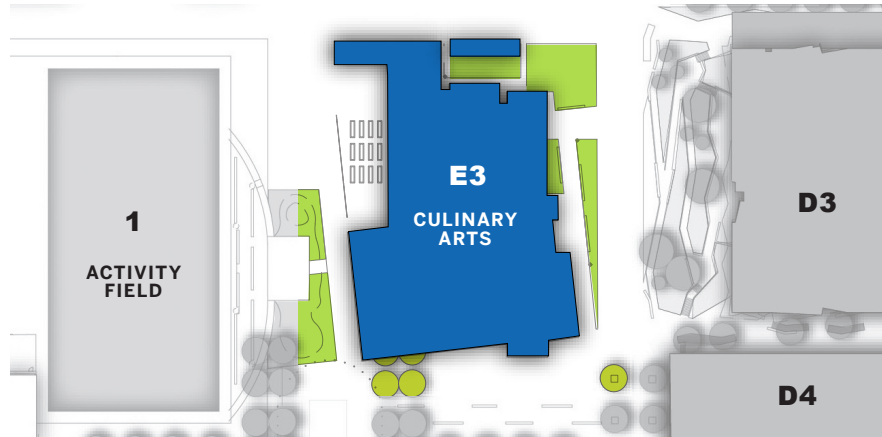
The new Transportation Workforce Institute building (TWI) will house the growing programs within the Advanced Transportation & Manufacturing Pathway (ATM2). This facility will provide instructional and support space for career technical education and workforce development.

The new building will be two floors and approximately 56,700 gross square feet, and will house classrooms, laboratory space, offices, and due to siting logistics, will replace locker rooms for the Athletics programs (the Gymnasium and Pool).

The Rail Systems Technology/ Rail Vehicle Maintenance program includes a unique class lab that is to be built around a new rail spur off the existing LA Metro Expo Line on S. Flower Street.

The new TWI "Main Building" is proposed to be located on the footprint of the existing Willow Hall and Sequoia Hall, both of which will be demolished as part of this project. Given the unique needs of the Rail Spur Class Lab, the project includes an "Annex" G1 (about 6,800 gsf), at the corner of W. 23rd Street and S. Flower Street. The existing Construction Technology (CT) model homes currently located here will be relocated to the new CT Building, as part of the CTB project.

CONSTRUCTION PROJECTS



SCHOOL OF CULINARY ARTS (E3)

The project scope includes construction of a new two-story building for the Culinary Arts and Professional Baking programs. The building enclosed area is approximately 60,964 square feet. Spaces include classrooms, laboratories, faculty areas, restrooms, food preparation, and dining.

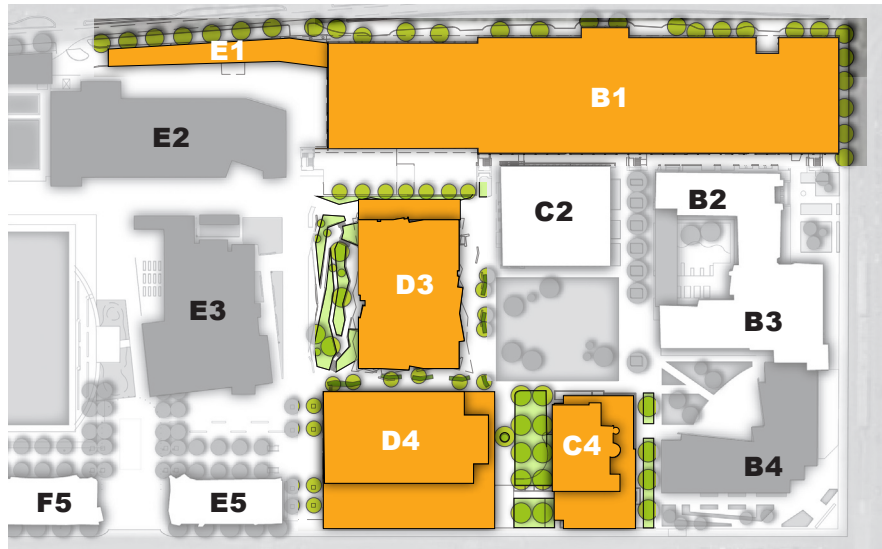
Two important components of the building design are the servery and dining room, where food prepared by students is served and consumed by the students, staff, and the general public. The project also includes a loading dock, a stand-alone restroom facility, and a utility yard.



MAINTENANCE & OPERATIONS (F6)

The new Maintenance and Operations Facility (approximately 25,000 GSF) will be located at the Southeast corner of Grand Avenue and 23rd Street. This facility will provide a consolidated space for the Physical Plant, Campus Security and IT functions which are currently scattered among 3 buildings.

RENOVATION PROJECTS



STUDENT SUPPORT CENTER (AKA THE HUB) (Formerly Mariposa Hall) (D3)

The building, is an existing two-story, 71,336 square feet building, located at the center of the campus and south of the North Quad area. The scope of work for this building includes plumbing and accessibility upgrades.

ADVANCED TRANSPORTATION AND MANUFACTURING WITH ROOF-TOP PARKING (Formerly Oak Hall) (B1)

This existing two-story, 280,000 square feet building with an open rooftop parking deck, is located at the northwest corner of the Campus along Flower Street from W. Washington Blvd. to W. 21st St. The scope of work includes HVAC system upgrade, casework upgrades, roof parking deck repairs, and a new security and mitigation system.

SCHOOL OF APPLIED SCIENCES (AP) NORTH ENTRANCE/ SCHOOL OF BUSINESS & CIVIC ENGAGEMENT (BCE) - SOUTH ENTRANCE (Formerly Cedar Hall) (C4)

The four-story, approximately 68,000 square feet structure with a basement level, is located at the northeast portion of the campus along S. Grand Avenue on the eastern side of the North Quad and south of Sage Hall. The scope of work for this building includes plumbing, ADA and Fire & Life Safety upgrades.

SCHOOL OF DESIGN & MEDIA ARTS (DMA) (Formerly Cypress Hall) (D4)

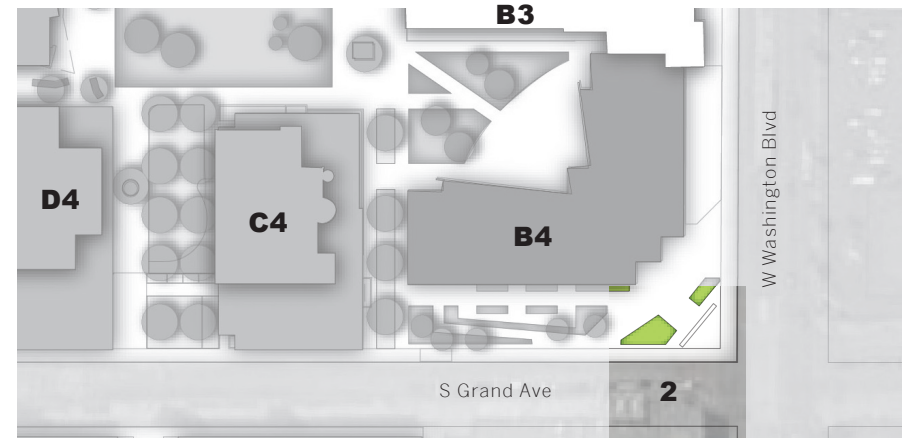
This building is located mid-campus and to the east of the Student Support Center, along S. Grand Avenue. The scope of work for this three-story, 81,000 square feet structure with basement level, includes HVAC upgrades, ADA and Fire & Life Safety upgrades.

SITE IMPROVEMENT RECOMMENDATIONS



ACTIVITY FIELD (1)

A new activity field will be used by students and community for recreational activities, while the campus will use it for gatherings and functions such as graduation.

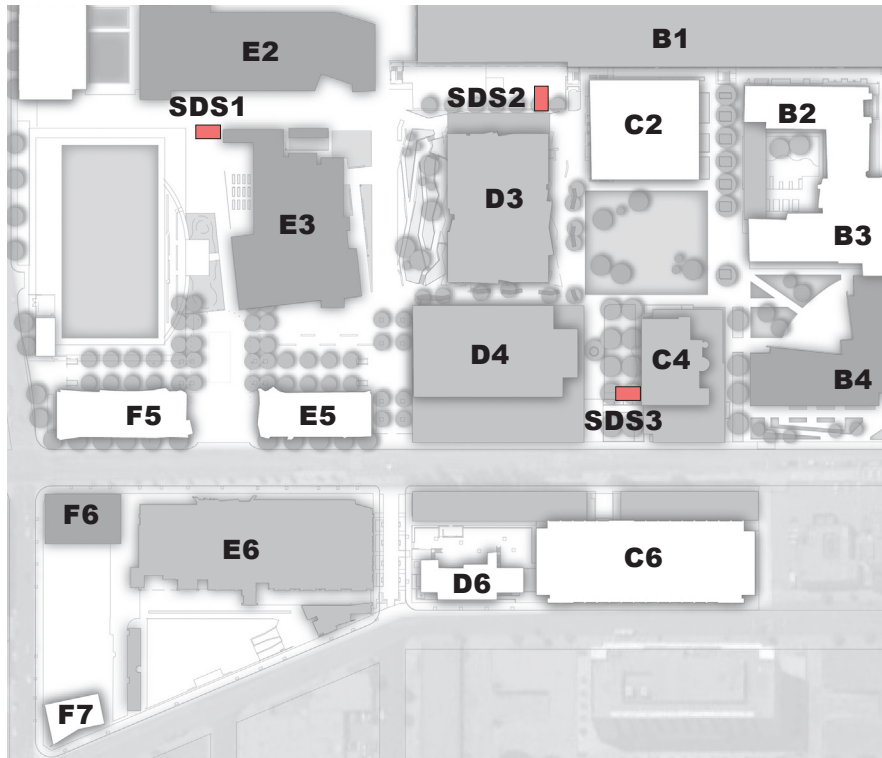


GRAND AVENUE ENHANCEMENTS AND BLUE LINE EXTENSION (2)

Considered the “front door” to campus, a plaza with a large monument sign and shade structure will welcome students, staff, and campus visitors. Low maintenance and drought tolerant plantings will be planted in seat-wall height planters that supplement seating at a new transit shelter. A lane of parking on the campus side of the street will be replaced with vegetated bioswales and an increased sidewalk width to encourage transit users. Historic street lights will be repainted and damaged artwork pylons will be removed.

Improvements along Grand Avenue include the removal of a lane of parking on each side of the street for curb extensions that provide vegetated bioswales and an increased sidewalk width to encourage transit users. Low maintenance and drought tolerant plantings will complement the new street trees that will provide canopy and shade for pedestrians. New transit shelters and a relocated mid-block pedestrian crosswalk will also be provided as part of the project. Historic street lights will be repainted and damaged artwork pylons will be removed.

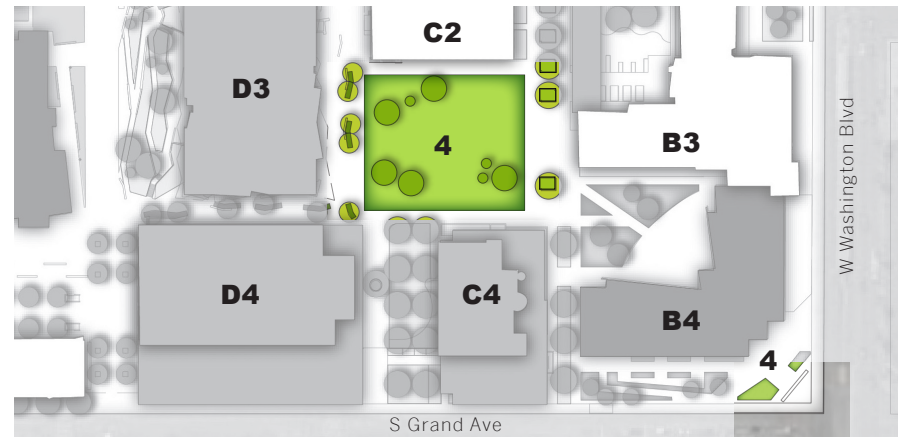
SITE IMPROVEMENT RECOMMENDATIONS



UPGRADE OF ELECTRICAL DISTRIBUTION SYSTEM (SDS1-3) (3)

This Project consists of distributing a 4160V looped electrical underground distribution system.

The 4160V electrical distribution upgrade shall be extended from the LADWP Equipment Yard Campus Electrical Room located at West 23rd Street and Olive Street to three new Solid Di-electric Switching stations located in strategic locations utilizing as much existing underground conduit as possible. Based on the site investigation, the existing sub-metered 5KV rated vacuum type electrical distribution system equipment allows for two proposed 4160V equipment circuit protection sections (MSG1 and MSG2) for campus distribution purposes. The existing vacuum type breakers should be located in the pre-labeled MSG1 & MSG2 compartments and retested.



STORM WATER – NORTH QUAD & GRAND AVENUE (4)

The Storm Water – North Quad & Grand Avenue will provide a new storm drain collection system based. Also, this project will provide new hardscape, softscape, amphitheater, irrigation system, and exterior lighting for the amphitheater and walkway.

07

BUILDING AREAS

The table below provides a comparison between the entitlements approved and analyzed in the 2005 Facilities Master Plan and corresponding EIR and the evolution of those entitlements under subsequent Facilities Master Plan Updates and corresponding environmental analyses.

Table 1: BUILDING AREAS (GSF)

| | | Name/Program (New Name) | Pre MP | 2002 FEIR/ 2004 Add* | | 2005 FEIR | | 2009 Addendum | | 2019 Proposed | | Schedule/Notes |
|--|---|--|-----------------|---|----------------|-----------------|---|------------------|---|------------------|---|--|
| | | | Original GSF | Proposed Addition or Demolition GSF | | Original GSF | Proposed Addition or Demolition GSF | Original GSF | Proposed Addition or Demolition GSF | Original GSF | Proposed Addition or Demolition GSF | |
| Pre-Master Plan LATTC Buildings (GSF) | | | | | | | | | | | | |
| | A | Magnolia Hall – Classrooms & Admin | 63,569 | | 63,569 | | | 63,569 | | 63,569 | | 2009 MP: 90,545 (including Theater + 28,300 expansion - See 2005 Master Plan and 2009 Master Plan Update New Buildings (GSF)) |
| | | Magnolia Hall – Grand Theater (26,976) | 26,976 | | 26,976 | | | 26,976 | | 26,976 | | Theater closed and removed from active space inventory in 2016 |
| | B | Sequoia Hall/Construction Technologies | 71,055 | | 71,055 | | | 71,055 | (71,055) | 71,055 | (71,055) | 2019 MP: Demolition is scheduled after completion of new Construction Technology Building in 2023. See 2019 MP - 7 Year Plan "Construction Technology Building" |
| | C | Tom Bradley Center/Learning Skills Center/Redwood Hall | 35,728 | | 35,728 | (35,728) | | 35,728 | (35,728) | 35,728 | | 2002 MP: 78,274+9,261 addition |
| | D | Cypress Hall/Fashion Center | 78,274 | | 78,274 | 9,261 | | 78,274 | 9,261 | 78,274 | | 2009 MP: 78,274+70,000 Expansion. See 2005 Master Plan and 2009 Master Plan Update New Buildings (GSF) |
| | E | Student Health | 42,727 | | 42,727 | (42,727) | | 42,727 | (42,727) | | | Demolished 2015 |
| | F | Oak Hall/Automotive Technology and Physical Plant (B1 School of Advanced Transportation and Manufacturing – ATM) | 172,168 | | 172,168 | | | 172,168 | | 172,168 | | MP 2019: Renovation is scheduled to start in 2020. GSF to remain the same |
| | G | Laurel Hall/Gymnasium | 15,068 | | 15,068 | | | 15,068 | (15,068) | 15,068 | | |
| | H | Sage Hall/Culinary Arts | 81,405 | | 81,405 | 4,617 | | 81,405 | | 81,405 | (81,405) | 2002 MP: 81,405+4,617 Addition |
| | | | | | | | | | | | | 2009 MP: 81,405+64,900 Expansion. See 2005 Master Plan and 2009 Master Plan Update New Buildings (GSF) |
| | J | Willow Hall/Physical Education | 24,420 | | 24,420 | | | 24,420 | (24,420) | 24,420 | (24,420) | 2019 MP: Demolition is scheduled to start after completion of the new Construction Technology Building in 2023. See 2019 MP - 7 Year Plan "Transportation Workforce Institute" |
| | K | Cedar Hall/Sciences/Mathematics | 66,400 | | 66,400 | 12,493 | | 66,400 | | 66,400 | | 2002 MP: 66,400+12,493 Addition |
| | | | | | | | | | | | | 2009 MP: 66,400+9,680 Addition. See 2005 Master Plan and 2009 Master Plan Update New Buildings (GSF) |
| | | | | | | | | | | | | 2019 MP: Same as 2009. See 2005 Master Plan and 2009 Master Plan Update New Buildings (GSF) |
| | L | Mariposa Hall/Library/Learning Resource Center | 69,350 | | 69,350 | 14,280 | | 69,350 | 28,125 | 99,565 | | LRC Renovation/Addition was completed in 2013 |
| | | | | | | | | | | | | 2002 MP: 69,350+14,280 Addition |
| | | | | | | | | | | | | 2009 MP: 69,350+28,125 Addition |
| | | | | | | | | | | | | 2019 MP: Same as 2009. See 2005 Master Plan and 2009 Master Plan Update New Buildings (GSF) |
| | M | Toyon Hall/Physical Plant Shops | 7,340 | | | | | | | | | 2019 MP: Demolition is scheduled to start after completion of the new Construction Technology Building in 2023. See 2019 MP - 7 Year Plan "Transportation Workforce Institute" |
| | N | Childcare Dev Warehouses 1, 2, 3n (1,800) | 1,800 | | | | | | | | | Demolished 2005 |
| | R | Administration and Records | 10,196 | | | | | | | | | Demolished 2015 |
| | | Snack Bar (6,510) | 6,510 | | 6,510 | | | 6,510 | | | | Demolished 2008 |
| | | Shop Storage (2,865) | 2,865 | | 2,865 | | | | | | | Demolished 2008 |
| | | Warehouse (4,800) | 4,800 | | 4,800 | | | 4,800 | | | | Demolished 2008 |
| Sub-Total Pre-Master Plan LATTC Buildings (GSF) | | | 780,561 | | 723,511 | | 723,511 | 586,267 | | 557,748 | | |
| Non LATTC Buildings (GSF) | | | | | | | | | | | | |
| | | Apfels (14,293) | 14,293 | | 14,293 | (14,293) | | | | | | Purchase finalized in 2003. Demolished 2005 |
| | | PTA Building (56,000) | 56,000 | | 56,000 | (56,000) | | | | | | Purchase finalized in 2003. Demolished 2005 |
| | | Dunn Edwards Building (4,700) | 4,700 | | 4,700 | | | | | | | Demolished 2005 |
| | | DLDG Building | 5,040 | | 5,040 | | | | | | | Demolished 2012 |
| | | Louderos Chavez Building | 5,040 | | 5,040 | | | | | | | Demolished 2012 |
| | | Swanney John E. Co. Garage | 26,640 | | 26,640 | | | | | | | Demolished 2012 |
| | | BNB International Textile Inc. Building | 13,992 | | 13,992 | | | | | | | Demolished 2012 |
| | | Warehouse | 4,500 | | 4,500 | | | | | | | Demolished 2012 |
| | | Nanthyaetal Darakananda Building | 4,951 | | 4,951 | | | | | | | Demolished 2012 |
| | | Racks and More Building | 3,120 | | 3,120 | | | | | | | Demolished 2012 |
| | | Balls of Cotton Building | 6,566 | | 6,566 | | | | | | | Demolished 2012 |
| | | David Jacobs Building | 3,300 | | 3,300 | | | | | | | Demolished 2012 |
| | | Med Zone Building | 4,815 | | 4,815 | | | | | | | Demolished 2012 |
| | | K.W. Supply Co. Building | 10,320 | | 10,320 | | | | | | | Demolished 2012 |
| | | LATTC Ancillary Building | 9,800 | | 9,800 | | | | | | | Demolished 2012 |
| Sub-total Non LATTC Buildings (GSF) | | | 173,077 | | 102,784 | | 0 | 0 | | 0 | | |

Table 1: BUILDING AREAS (GSF)

| 2002 LATTC Campus Plan New Buildings (GSF) | | Proposed Addition or Demolition | Proposed Addition or Demolition | Proposed Addition or Demolition | Proposed Addition or Demolition | Schedule/Notes |
|--|-------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|
| ST | Juniper Hall/Technology North | 57,765 | 57,765 | 61,265 | 50,181 | Completed 2010 Current GSF=50,181 |
| TE | Aspen Hall/Technology South | 68,950 | 68,950 | 61,265 | 70,546 | Completed 2010 Current GSF= 70,546 |
| | Child Development Center | 14,000 | 14,000 | 15,714 | 15,714 | Complete 2008 Current GSF= 15,714 |
| | Central Receiving | 5,512 | 5,512 | 5,264 | 5,264 | Project completed in 2008 |
| | Maintenance and Operations Building | 17,000 | 17,000 | | 25,000 | 2019 MP: New building to consolidate & house current Physical Plant, Campus Security, and IT functions currently scattered among 3 buildings. Schedule to be determined. |
| Sub-Total 2002 LATTC Campus Plan New Buildings (GSF) | | 163,227 | 163,227 | 143,508 | 166,705 | |

| Name/Program (New Name) | Pre MP | 2002 FEIR/ 2004 Add* | 2005 FEIR | 2009 Addendum | 2019 Proposed | Schedule/Notes |
|--|--|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|
| 2005 Master Plan and 2009 Master Plan Update New Buildings (GSF) | | | | | | |
| | | Proposed Addition or Demolition | Proposed Addition or Demolition | Proposed Addition or Demolition | Proposed Addition or Demolition | |
| | 4-story instructional facility - West of Juniper Hall (New School of Culinary Arts) | | 71,760 | | 71,102 | Included in 2005 Master Plan went away in 2009 MP |
| | 4-story instructional facility - West of Aspen hall | | 87,360 | | | 2019 MP: New Arts and Culinary Arts Building. Construction Start: October/2019. |
| | Wellness Sports & Preventive Health Center | | | 50,000 | | Included in 2005 Master Plan went away in 2009 MP |
| | 2005 EIR: 4 story wing on the west and south side of Library | | 118,560 | 55,020 | 55,020 | Project removed from 2019 MP |
| | 2009 MP: Learning Resource Center Phase 2 | | | | | 2019 MP: Schedule to be determined. |
| | 2005 EIR: Addition to Building A - | | 28,080 | 28,300 | 28,300 | |
| | 2009 MP: Building A Expansion | | | | | |
| | 2005 EIR: Four-story instructional facilities replacing Oak Hall | | 285,232 | | | Project removed from 2019 MP |
| | 2009 MP: North Campus Instructional Buildings | | | | | |
| | 2005 EIR: Six level parking garage with integrated FM&O and Central Receiving Facility at the ground floor | | 23,400 | 33,200 | | 2009 MP: Project calls for 2 level parking with 66,375 GSF and 2 levels of Physical Plant. |
| | 2009 MP: Flower Street Physical Plant and Parking Structure | | | | | Project removed from 2019 MP |
| | Two Story Physical Education Facility (Three court gymnasium, fitness and dance studios) | | 76,440 | | | Project removed from 2019 MP |
| | New fitness Wellness Center | | 13,260 | | | Project removed from 2019 MP |
| | Re-located and expanded aquatics facility with 50-meter pool | | 15,600 | | | Project removed from 2019 MP |
| | 2005 EIR: Six Story Instructional Facility for Culinary Arts and Hospitality Programs | | 79,560 | 64,900 | 87,300 | 2019 MP: New Design and Media Arts Building. Construction Start: 2022 Q4. Project Completion 2024. |
| | 2009 MP: Building H Expansion (Now New Design and Media Arts) | | | | | |
| | 60-foot wide, six floor facility to house vocational programs with a lower 2 two to four-story wing - East Grand Avenue Multi-purpose Classroom/Lab Building | | 201,240 | 104,700 | 104,700 | 2009 MP: Project does not include the smaller wing. |
| | 60-foot wide, six floor facility to house vocational programs with a lower 2 two to four-story wing - | | | 107,500 | 178,555 | 2019 MP: No changes from 2009. Not yet programmed. |
| | 2009 MP: Project was split between: 1) Construction Technology Building and | 297,960 | | | | 2009 MP: Project was split between new Construction Technology Building and the Transportation Technology Building (see below) |
| | 2) Transportation Technology Building | | | 135,300 | 77,143 | 2019 MP: Construction Technology Building Construction Start: April/2020 Project Completion July/2023 |
| | 2019 MP: Transportation Workforce Institute | | | | | 2019 MP: Transportation Workforce Institute Construction Start: 2023 Q4. Project completion 2025. |
| | Math and Science - Building K Addition | | | 9,680 | 9,680 | 2019 MP: No changes from 2009. Not yet programmed. |
| | Building D Expansion | | | 70,000 | 70,000 | 2019 MP: No changes from 2009. Not yet programmed. |
| | South Campus Phase 2 | | | 169,000 | | Project removed from 2019 MP |
| | Wellness Sports & Preventive Health Center | | | 46,000 | | Project removed from 2019 MP |
| | Washington/Grand Building (BK Property) | | | 24,460 | | Project removed from 2019 MP |
| | Flower Street Building | | | 92,250 | 92,250 | 2019 MP: Not yet programmed. |
| | East Campus Substation and Electrical Distribution System | | | | 5,700 | Project completed in 2019. Separate approval. |
| Sub-Total 2005 Master Plan and 2009 Master Plan Update New Buildings (GSF) | | - | 1,298,452 | 990,310 | 779,750 | |

| | | | | | | |
|----------------------------|---------|---------|-----------|-----------|-----------|--|
| GRAND TOTAL BUILDING AREAS | 953,638 | 989,522 | 2,185,190 | 1,720,085 | 1,504,203 | |
|----------------------------|---------|---------|-----------|-----------|-----------|--|

Table 1: BUILDING AREAS (GSF) (cont'd)

TABLE 1:
LOS ANGELES TRADE TECHNICAL COLLEGE CAMPUS BUILDING AREAS (GSF)

| Name/Program (New Name) | | Pre MP | 2002 FEIR/ 2004 Add ¹ | 2005 FEIR | 2009 Addendum | 2019 Proposed | |
|--|---|--------------|-------------------------------------|----------------------|----------------------|--------------------|---|
| Pre-Master Plan Parking Spaces | | | GSF SPACES | GSF SPACES | GSF SPACES | GSF SPACES | Schedule/Notes |
| | Lot A | 600 | | 497 | | | |
| | B Lot | 96 | | 92 | | | |
| | I Lot | 55 | | 52 | | | |
| | L Lot | | | 12 | | | |
| | P Lot | 159 | | 156 | | | |
| | M Lot | 56 | | 47 | | | |
| | Rooftop Auto Tech (Bldg F) | 415 | | 393 | | 415 | |
| | Orthopaedic Hospital Lot (Lease) | | | | | 250 | |
| | Glory Church (Lease) | | | | | 250 | |
| | PTA Building Parking Lot | | | 50 | | | |
| | Street Parking on "Horseshoe" (Grand Avenue/21st Street/22nd Street) | | | 50 | | | |
| | On-Street Metered Parking (One block from campus) | | | 251 | | | |
| | Motorcycle & Catering Truck Area | | | 40 | | | |
| | Grand Olympic Auditorium | | | 50 | | | |
| Subtotal Existing Parking | | 1381 | 0 1451 | 0 1690 | 0 915 | 0 415 | |
| 2002 LATTC Campus Plan Parking Spaces | | | GSF SPACES | GSF SPACES | GSF SPACES | GSF SPACES | Schedule/Notes |
| | OPS Olive Parking Structure | | 276,120 800 | 276,120 800 | 405,147 810 | 405,147 810 | 2002 MP: 132,300 GSF - 400 spaces 2004 Addendum : 276,120 GSF - 800 spaces Completed 2007 |
| | Subterranean parking under athletic field | | 268,632 700 | 268,632 700 | 424,943 585 | | 2002 MP: 2 level structure 2009 MP: 424,943 includes parking and athletic field Parking (1 Level structure - 585 stalls @400 sf/stall=234,000 Athletic Field = 184,800 |
| Subtotal 2002 LATTC Campus Plan Parking Spaces | | 0 | 544,752 1,500 | 544,752 1,500 | 830,090 1,395 | 405,147 810 | |
| 2005 30-Year Master Plan, 2009 Master Plan Update and 2019 Master Plan Update New Parking Spaces | | | | | | | |
| | Six level parking garage with integrated FM&O and Central Receiving Facility at the ground floor | | | 117,000 300 | | | |
| | Six level parking garage (South Quad - 500 Spaces) | | | 191,880 500 | | | |
| | Parking Structure (Olive & 23rd Street) - 600 Spaces | | | 234,000 600 | | | |
| | EPS Parcel 1 a. 6-level 24 th St-East Parking Structure (removal of 1-story 11,366 sf warehouse) | | | | 374,400 1,012 | 333,885 981 | 2009 MP: 374,400 - 1,012 spaces 2009 EIR Addendum: 247,284 GSF- 1,000 spaces Completed 2016 |
| | Child Development Center Parking Lot | | | | | 18 | If College proceeds with construction of the East Grand Avenue Multi-purpose Classroom/Lab Building , these parking spaces will be eliminated. |
| | Construction Technology Building Parking | | | | | | If College proceeds with construction of the Maintenance and Operations Building (Physical Plant, Campus Security, and IT) , 52 parking spaces will be eliminated. |
| | South Campus Surface Lot | | | | | 38 | |
| | Construction Technology Building Surface Lot | | | | 68,600 208 | | |
| | Extension of South Campus Parking Structure | | | | | 90 | |
| | Washington/Grand Parking Structure (Joint Development) | | | | | 1,502 | |
| | LA Mart Parking Structure (Joint Development) | | | | | 284 | |
| | "Superblock" Parking Structure (Joint Development) | | | | | 770 | |
| | East Campus Structure Phase 2 | | | | | 428 | |
| | Flower Street Parking Structure | | | | 66,375 252 | | |
| | South Campus Parking Structure | | | | | | |
| Subtotal Proposed Parking | | 0 | 0 0 | 542,880 1,400 | 509,375 4,602 | 333,885 981 | |
| TOTAL PARKING SPACES (EXISTING + PROPOSED) | | 1,381 | 2,951 | 4,590 | 5,517 | 2,206 | |

PAGE INTENTIONALLY LEFT BLANK

08

SITE AND PROGRAM CAPACITY: MEASURE “CC” AND THE CAMPUS MASTER PLAN

The existing Los Angeles Trade-Tech College space inventory is annually updated based on State standards and reported to the California Community College’s Chancellor’s Office (CCCO). The referenced “Existing Campus” data provided in the Campus Master is the product of the College’s most current Space Inventory as reported to the State. The campus Space Inventory serves as the baseline of understanding for current space usage and square footage at LATTC.

Measure J bond projects are expected to be completed between years 2019 through 2023 and Measure CC are expected to be completed by year 2025. However, the exact timeframe of specific future projects is yet to be determined.

Full-Time Equivalent Student (FTES) and Student Headcount Enrollment projections for this Facilities Master Plan update are consistent with State Chancellor’s Office projections which forecast annual growth of 1.41% from year 2019 through 2023, and 1.28% annual growth from year 2024 through 2039. Growth projections take into account factors such as capacity load impacts and supportability for State funding.

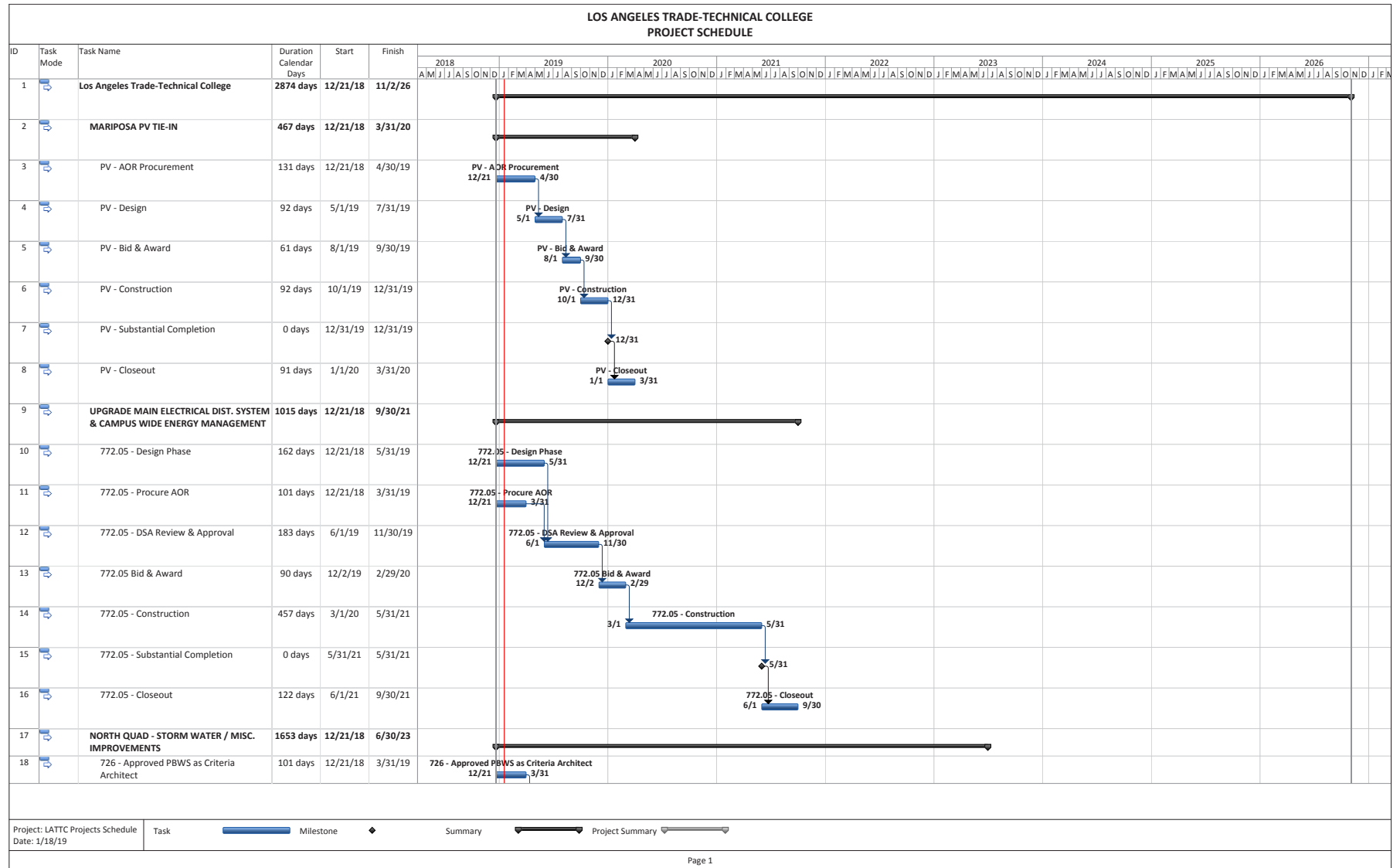
LATTC is expected to serve approximately 14,842 students on-campus by the time facilities that are currently in design or construction are occupied in the year 2023. Proposed projects currently in the pre-programming phase are anticipated to be completed by the year 2025 and would support an enrollment of 15,225 students. At full campus build-out LATTC is expected to serve approximately 18,192 students on-campus.

LATTC: Master Plan Capacity Analysis

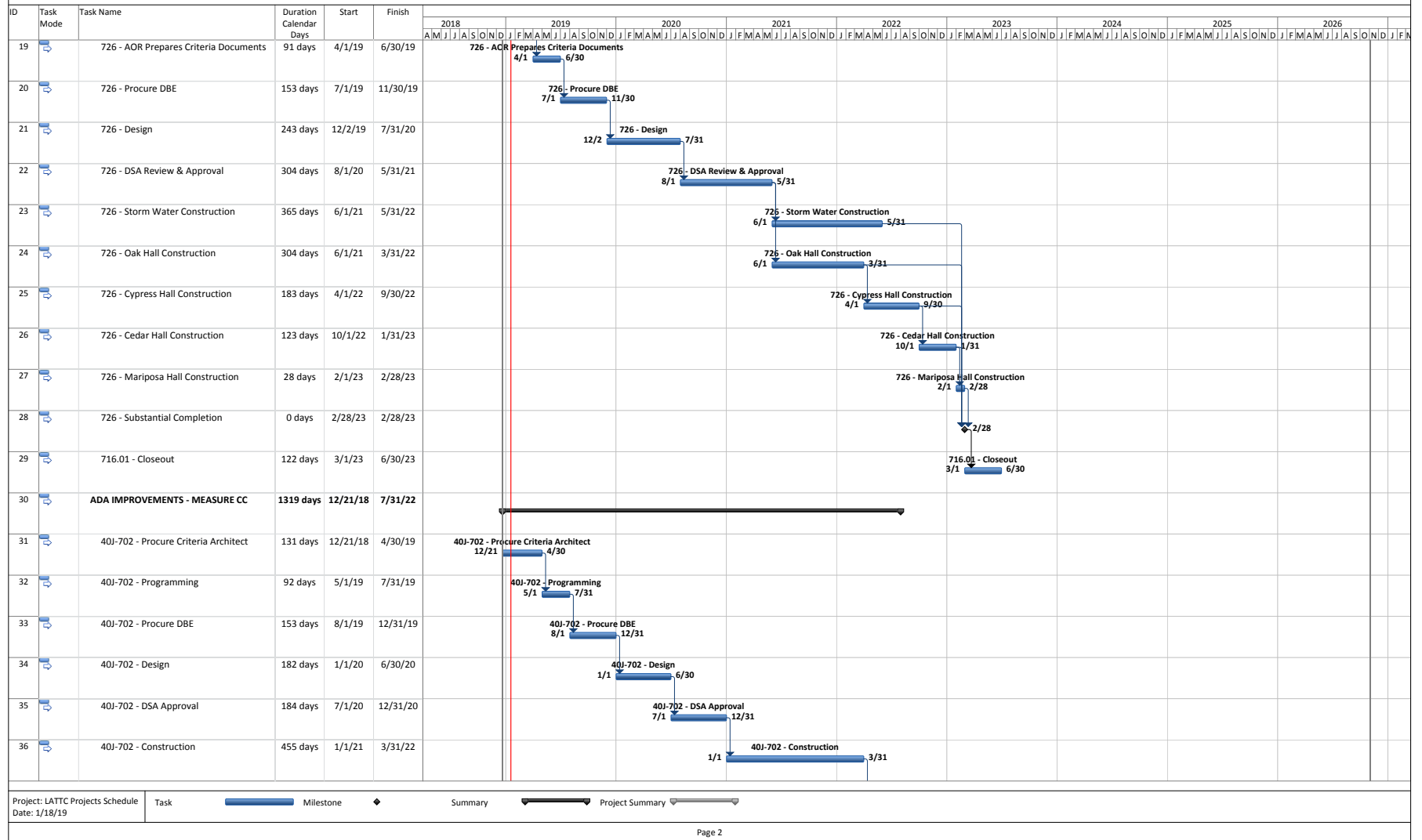
| | ASF | GSF | PROJECTED FTES | PROJECTED ENROLLMENT |
|--|----------------|------------------|----------------|----------------------|
| Existing Campus (2018) | 713,460 | 1,635,050 | 4,982 | 13,839 |
| Current Projects in Design/Construction: | | | | |
| Blue Line Station Extension & Grand Ave. Enhancements | 0 | 0 | | |
| Campus Main Electrical Distribution System Upgrade | 0 | 0 | | |
| Art and Culinary Arts Building | 44,850 | 71,760 | | |
| Campus Activity Field | 0 | 0 | | |
| Miscellaneous Building Improvements | 0 | 0 | | |
| Construction Technology Building | 95,184 | 178,555 | | |
| Storm Water Improvements | 0 | 0 | | |
| Energy Efficiency Improvements | 0 | 0 | | |
| Safety/Security Improvements | 0 | 0 | | |
| Projected Completion (Year 2023): | 853,494 | 1,885,365 | 5,343 | 14,842 |
| Future Proposed Projects - Measure CC: | | | | |
| New Design & Media Arts Building | 58,789 | 87,300 | | |
| Advanced Transp. & Mftg. 2/Transp. Workforce Institute | 54,000 | 62,900 | | |
| Demolition of Culinary Arts (Sage) | (61,296) | (81,405) | | |
| Demolition of Construction Maint. Utilities (Sequoia) | (58,252) | (71,055) | | |
| Demolition of Athletics (Willow Hall) | (18,610) | (2,420) | | |
| Inactivate Design & Media Arts (Cypress) | 0 | 0 | | |
| Projected Completion (Year 2025): | 828,125 | 1,880,685 | 5,481 | 15,225 |
| Future Proposed Projects - Measure CC: | | | | |
| TBD | TBD | TBD | | |
| Total Campus Build-Out (Year 2039): | TBD | TBD | 6,549 | 18,192 |

09

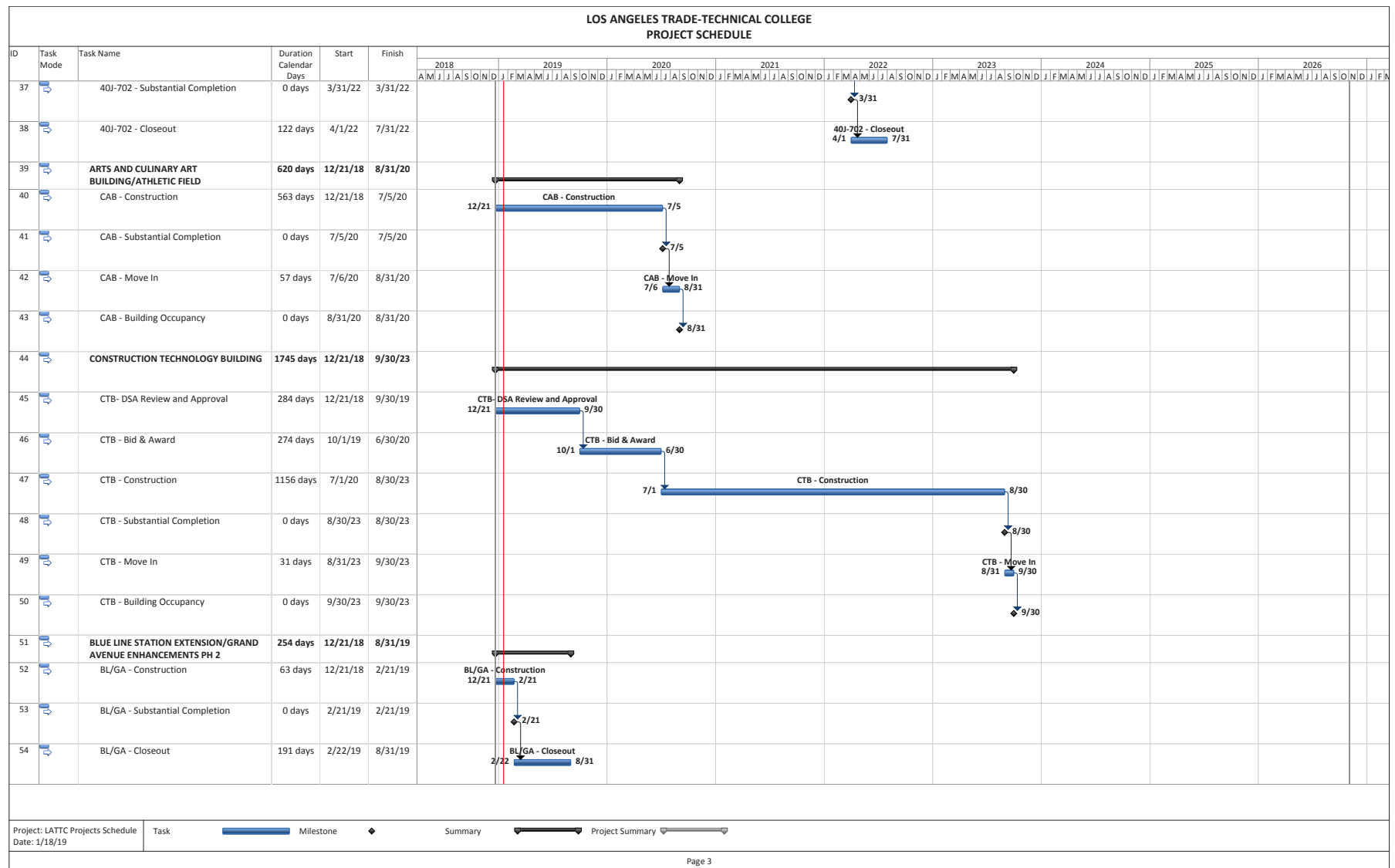
PROJECT SCHEDULE



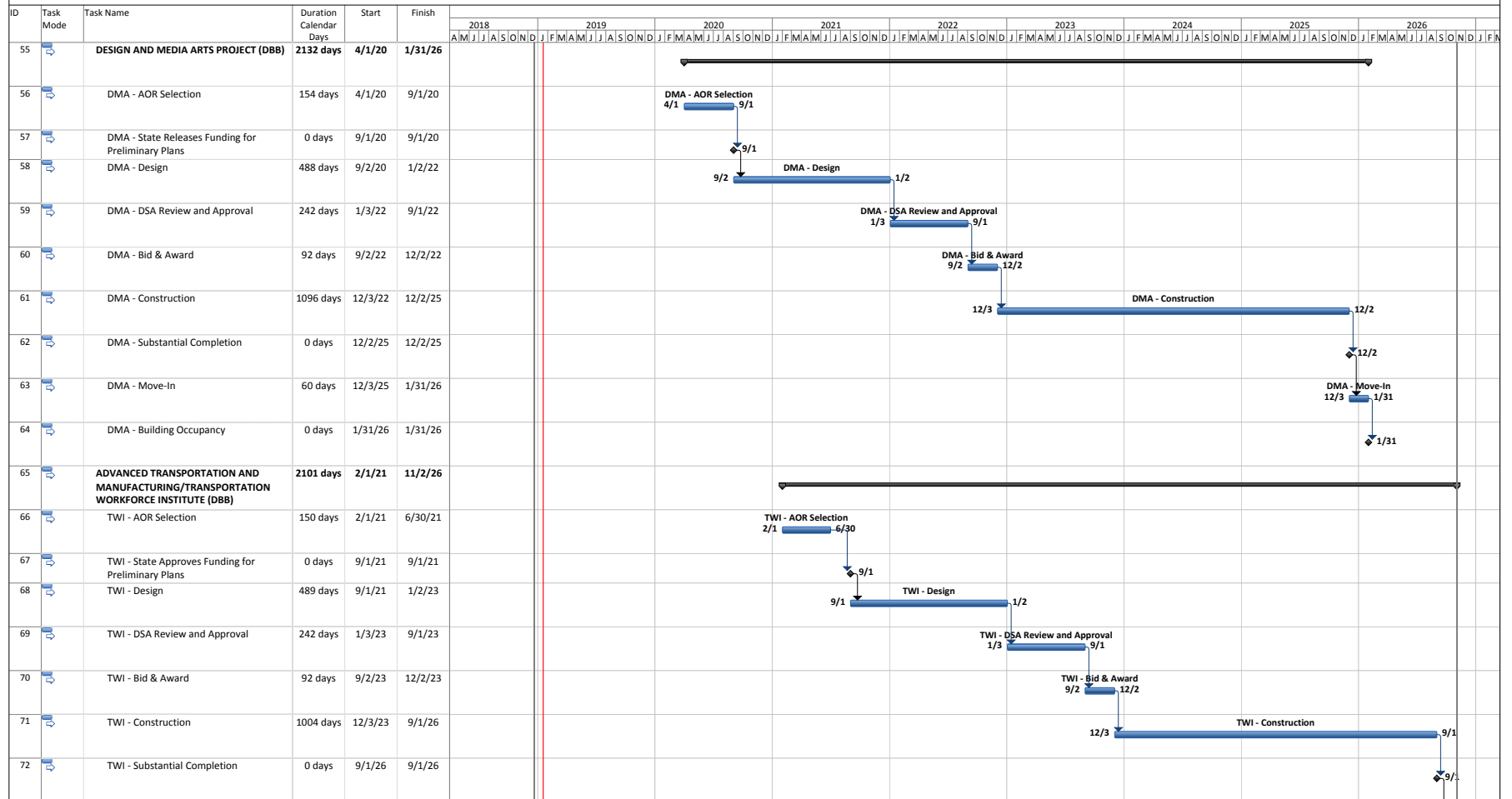
**LOS ANGELES TRADE-TECHNICAL COLLEGE
PROJECT SCHEDULE**



PROJECT SCHEDULE (cont'd)



LOS ANGELES TRADE-TECHNICAL COLLEGE
PROJECT SCHEDULE





Project: LATTC Projects Schedule
Date: 1/18/19





Task Milestone Summary Project Summary

Page 4

PROJECT SCHEDULE (cont'd)

| LOS ANGELES TRADE-TECHNICAL COLLEGE PROJECT SCHEDULE | | | | | | | | | | | | | | | | | |
|---|---|--------------------------|------------------------|---------|---------|------|---|---|---|---|---|---|---|---|---|---|---|
| ID | Task Mode | Task Name | Duration Calendar Days | Start | Finish | 2018 | | | | | | | | | | | |
| | | | | | | A | M | J | J | A | S | O | N | D | J | F | M |
| 73 |  | TWI- Move-In | 62 days | 9/2/26 | 11/2/26 | | | | | | | | | | | | |
| 74 |  | TWI - Building Occupancy | 0 days | 11/2/26 | 11/2/26 | | | | | | | | | | | | |

Project: LATTC Projects Schedule
Date: 1/18/19

Task  Milestone  Summary  Project Summary 

Page 5

TRADE TECH COLLEGE FACILITIES MASTER PLAN | SPRING 2019

April 2019

