



# **Citizens Oversight Committee Measure J Update**

**10/23/19**



# Implementation of Series A

May 2017-May 2020 (\$42M)

- Welding Building: April 2018 – October 2019
  - Beam signing: October 26, 2018
  - Additional solar (planned for an additional 576 kw parking shade structures. Existing building has 340.3 kw rooftop panels)
  - Grand opening: October 16, 2019
  - Official project completion: October 31, 2019
  - Demo existing building: Summer 2020



# Welding & Manufacturing





# Welding & Manufacturing





# Welding & Manufacturing Solar Structure

We have installed 576 kW of parking lot solar structures in Lot 1B and 1E to support the utility off-set costs for the Welding and Manufacturing building. The steel structures completed August 26<sup>th</sup> and the system will be live and generating by December 2019.





# Kinesiology & Athletic Performance Center/ Press Box

- Replacement of Athletic Field House and Football Press Box: December 2018 – November 2019
  - We are on the final stretch to construct the new 2-story Kinesiology and Athletic Performance Center as well as the new Press Box above the west bleachers. It will include offices, classrooms, strength and training center, ticket sales booth and concession booth.
  - Beam signing: May 15, 2019 at 11:30 a.m.
  - First home football game: October 26, 2019
  - Grand opening: November 16, 2019 at 12:00 p.m.
  - Official project completion: November 30, 2019



# Kinesiology and Athletic Performance Center





# Kinesiology & Athletic Performance Center/ Press Box



Press Box (PB)

## Kinesiology & Athletic Performance Center (KAP)





# Infrastructure

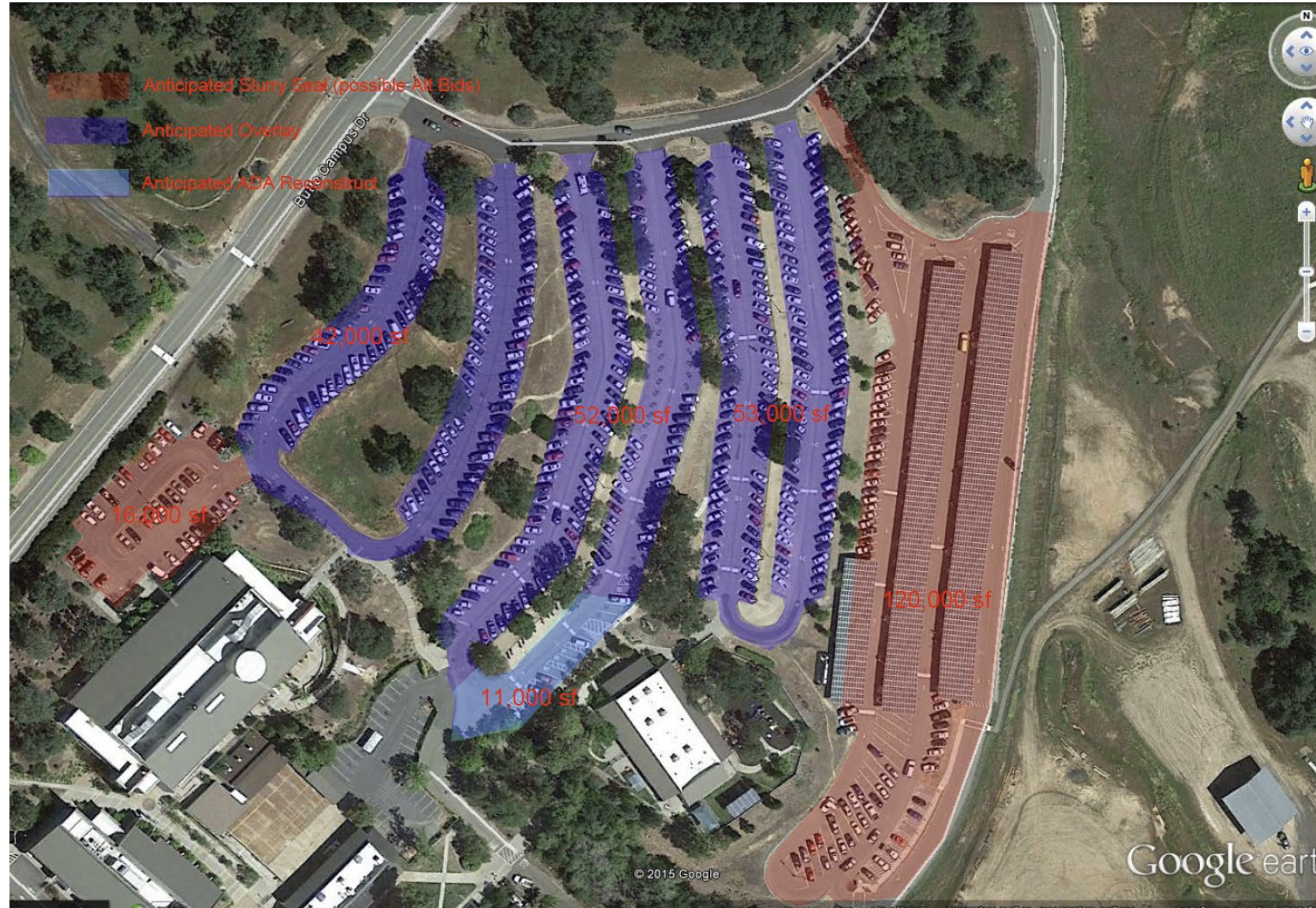
**(parking lots, utility upgrade and replacement, asbestos removal, fire alarm grade, emergency communication installation, HVAC repair/replacement, energy efficiency, roof repair, exterior building system repair, etc.)**

- Gasline Replacement by Arts/BE/SAS, Campus Center, Life Science, Technology, East Service Road –Completed 2019
- Gasline Replacement by LRC, Hort, Old Welding – Summer 2020
- Overlay of Parking Lot 4 – Summer 2020
- Service road repair and storm drain replacement by LRC and Physical Science (Summer 2020)
- Sewer line repair at Library – Complete
- HVAC package unit replacements (33) – Elimination of R22 Refrigerant
- Addition of exterior lighting – Safety issues
- ADA Sidewalk Replacements/Repairs (Various Locations)
  - Library/Technology Triangle Sidewalk Reconfiguration – Summer 2019
  - Walkway to Press Box
  - Sidewalk to visitor stadium
- Sidewalk trip hazards - Completed





# Overlay of Parking Lot 4



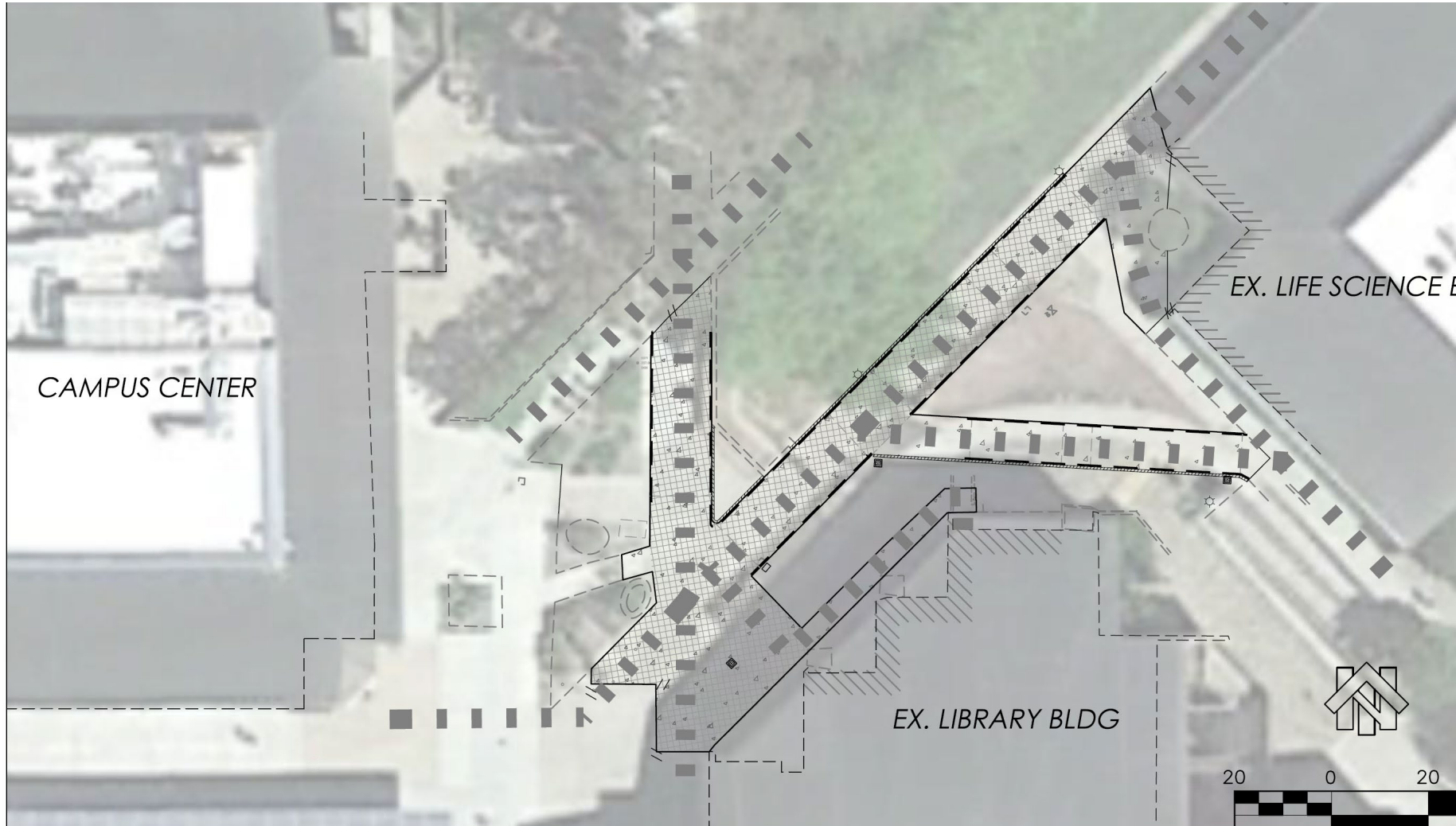


# Service Road Repair





# Infrastructure



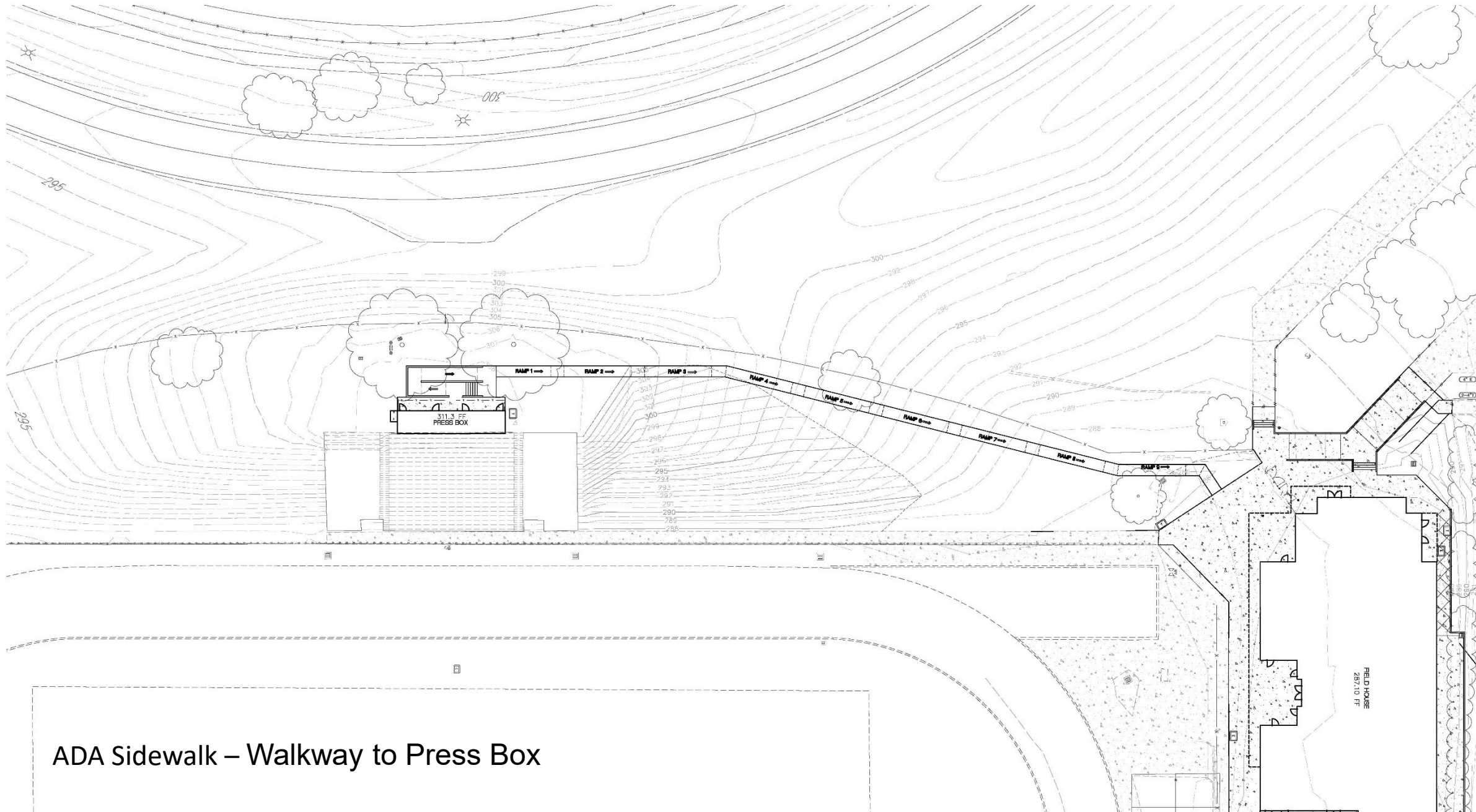
Library Triangle  
Sidewalk Project



# Infrastructure



Library Triangle Sidewalk Project



ADA Sidewalk – Walkway to Press Box



Sidewalk Trip Hazards Repair



# Instructional/District Technology Upgrades

- IT Equipment Upgrades: June 2017 – May 2020
  - LRC smart classroom replacement – Complete
  - Smart classroom replacement – Media Center/Library – Complete
  - Faculty and staff lifecycle computing upgrades - Complete for Series A
  - Arts smart classroom replacement – Winter 2020



# Implementation of Series B

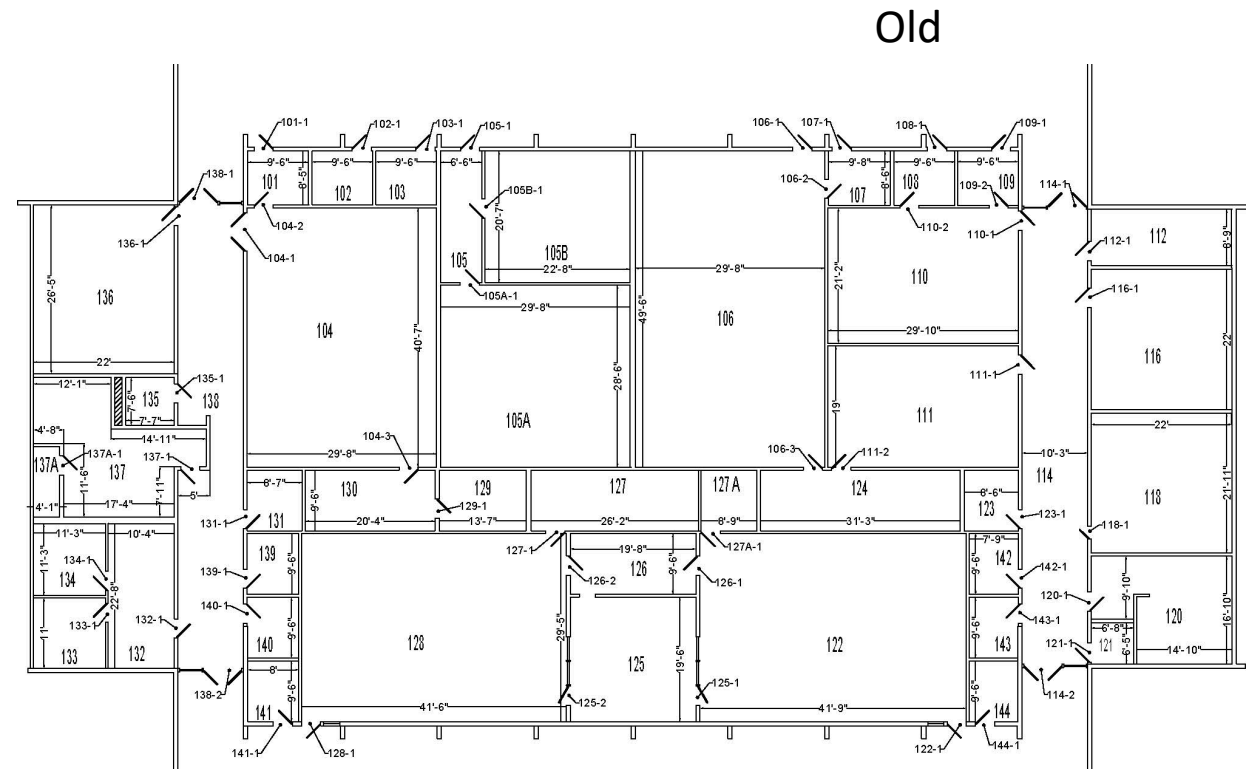
- Athletic Phase I (Final construction of KAP/Press Box)
- Technology Remodel (Planning and construction)
- Scenario Village (Planning and construction)
- Science Building (Planning Fall 2020)
- IT Upgrades
- Facilities Infrastructure Upgrade
- Faculty/Staff Computer Life Cycle



# Technology Building Remodel



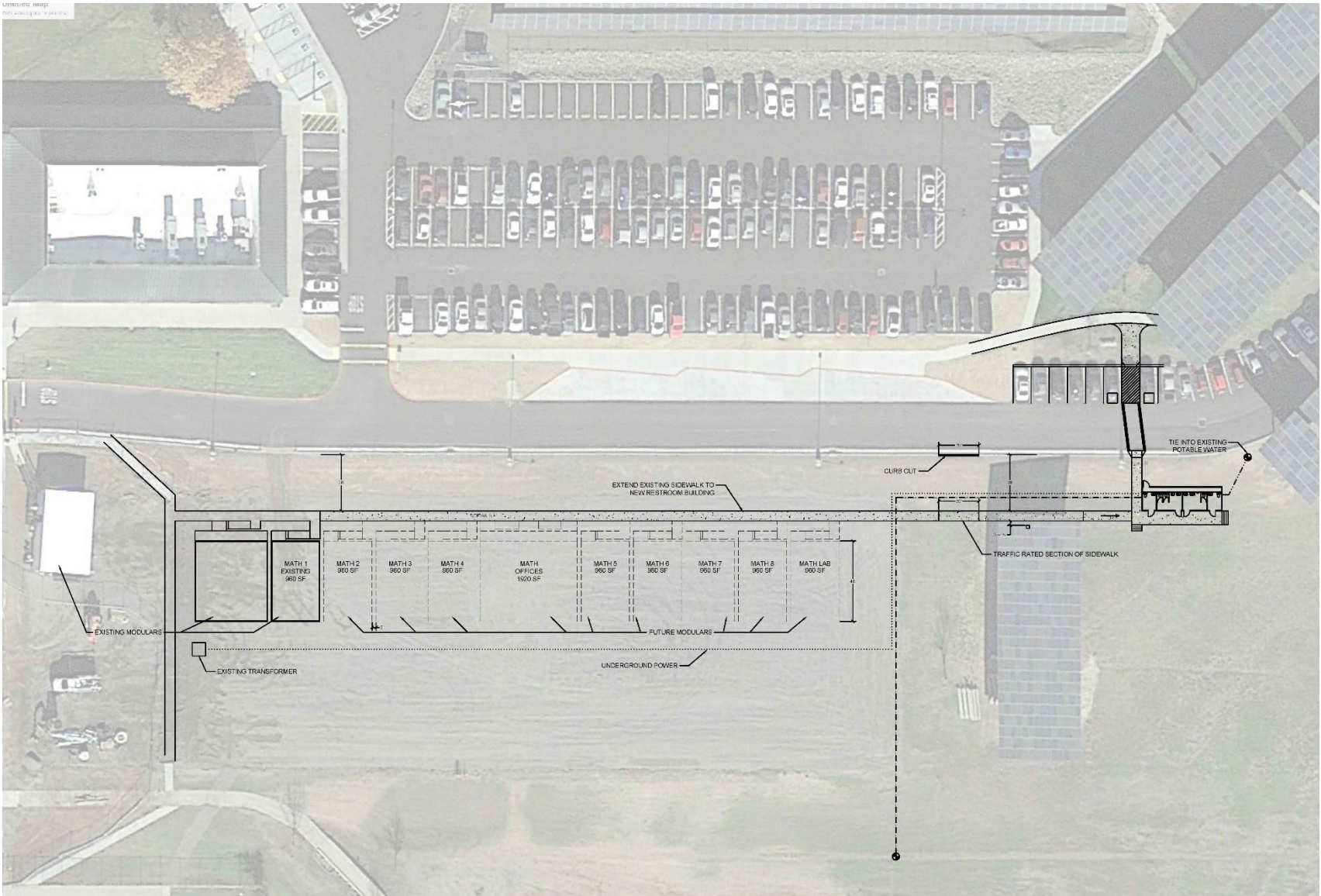
New



Old



# Technology Remodel Swing Space





# Scenario Village





# Project Sequence

## Series C (May 2022 – May 2025)

- Science Building (construction)
- I.T. Upgrades
- Facilities Infrastructure Upgrades

## Series D (May 2025 – May 2028)

- Physical Science Remodel
- Life Science Remodel for Veterans and Student Services
- Athletics Phase II
- I.T. Upgrades
- Facilities Infrastructure Upgrades

## Series E (May 2028 – May 2030)

- Law Enforcement Training Center
- Removal of Portables for Veterans and Student Services
- Facilities Infrastructure Upgrades
- I.T. Upgrades

ID	Task Name	Duration	Start	Finish	Cost	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
1	<b>Bond Approved</b>	1 day	Tue 11/8/16	Tue 11/8/16	\$0		11/8/16																
2	<b>Arrange Funds - Series A</b>	40 days	Thu 11/10/16	Wed 1/4/17	\$0																		
3	<b>Arrange Funds - Series B</b>	45 days	Mon 4/1/19	Fri 5/31/19	\$0																		
4	<b>Skyway Remodel</b>	591 days	Fri 3/24/17	Thu 6/27/19	\$5,000,000																		
5	Skyway construction	591 days	Fri 3/24/17	Thu 6/27/19	\$5,000,000	3/24/17			6/27/19														
6	<b>Welding Building</b>	937 days	Mon 4/3/17	Fri 10/30/20	\$23,000,000																		
7	Welding Design/Construction	675 days	Mon 4/3/17	Thu 10/31/19	\$1,500,000	4/3/17			10/31/19														
8	Demo Old Welding	219 days	Wed 1/1/20	Fri 10/30/20	\$21,500,000				1/1/20	10/30/20													
9	<b>Athletics</b>	2159 days	Mon 10/2/17	Wed 12/31/25	\$12,000,000																		
10	Field House/Press Box	556 days	Mon 10/2/17	Sat 11/16/19	\$10,500,000	10/2/17			11/16/19														
11	Covered Practice Field	260 days	Mon 1/6/25	Wed 12/31/25	\$1,500,000									1/6/25	12/31/25								
12	<b>Technology/Math Renovation</b>	796 days	Wed 10/16/19	Mon 10/31/22	\$6,800,000																		
13	TE Design	514 days	Wed 10/16/19	Fri 10/1/21	\$1,000,000			10/16/19		10/1/21													
14	TE Construction	414 days	Thu 4/1/21	Mon 10/31/22	\$5,800,000					4/1/21	10/31/22												
15	<b>Scenario Village</b>	498 days	Mon 6/3/19	Tue 4/27/21	\$1,000,000																		
16	Design & Construction	498 days	Mon 6/3/19	Tue 4/27/21	\$1,000,000			6/3/19	4/27/21														
17	<b>Science Building</b>	1263 days	Mon 8/3/20	Sat 5/31/25	\$73,000,000																		
18	Science Building Design	371 days	Mon 8/3/20	Sat 1/1/22	\$1,500,000				8/3/20	1/1/22													
19	Science Building Construction	891 days	Tue 1/4/22	Sat 5/31/25	\$71,500,000					1/4/22	5/31/25												
20	<b>Physical Science Remodel</b>	523 days	Sun 6/1/25	Tue 6/1/27	\$10,000,000																		
21	PS Design	219 days	Sun 6/1/25	Wed 4/1/26	\$1,500,000									6/1/25	4/1/26								
22	PS Construction	305 days	Wed 4/1/26	Tue 6/1/27	\$8,500,000									4/1/26	6/1/27								
23	<b>Life Science Remodel</b>	524 days	Mon 6/1/26	Thu 6/1/28	\$10,000,000																		
24	LS Design	219 days	Mon 6/1/26	Thu 4/1/27	\$1,500,000																		
25	LS Construction	306 days	Thu 4/1/27	Thu 6/1/28	\$8,500,000										4/1/27	6/1/28							
26	<b>Law Enforcement Training Center</b>	612 days	Mon 5/1/28	Sun 9/1/30	\$16,000,000																		
27	LETC Design	219 days	Mon 5/1/28	Wed 2/28/29	\$1,000,000												5/1/28	2/28/29					
28	LETC Construction	393 days	Thu 3/1/29	Sun 9/1/30	\$15,000,000													3/1/29	9/1/30				
29	<b>Remove Portables</b>	196 days	Mon 7/3/28	Sat 3/31/29	\$500,000													7/3/28	3/31/29				
30	<b>Facilities Infrastructure</b>	3506 days	Wed 1/4/17	Fri 5/31/30	\$21,700,000																		
31	Infrastructure Series A	957 days	Wed 1/4/17	Tue 9/1/20	\$7,000,000																		
32	Infrastructure Series B	785 days	Sat 6/1/19	Tue 5/31/22	\$6,000,000			6/1/19	5/31/22														
33	Infrastructure Series C	784 days	Thu 6/2/22	Sat 5/31/25	\$3,000,000					6/2/22	5/31/25												
34	Infrastructure Series D	784 days	Sun 6/1/25	Wed 5/31/28	\$2,900,000									6/1/25	5/31/28								
35	Infrastructure Series E	524 days	Thu 6/1/28	Fri 5/31/30	\$2,800,000													6/1/28	5/31/30				
36	<b>IT Upgrades</b>	3593 days	Mon 9/5/16	Fri 5/31/30	\$11,000,000	9/5/16																	5/31/30



# Construction Challenges

- Skilled Workforce Requirements January 2020
- DSA
- Labor Shortage/Lack of Skilled Workers
- Cost Escalation



# Main Goal – Stay Ahead of the Pack!





# Cash Flow



# Project Bond Allocations

- **Welding Building \$23M:** This project would replace the outdated welding facility with a modern structure that would enable the program to maintain its current excellence, expand the number of students that could be accommodated, and provide the space necessary to meet the needs of local manufacturers. **Completed**
- **Skyway Center Remodel \$2M - \$5M:** This project completes the building and provides additional space for the Automotive Program for diesel fuel technology. **Completed**
- **Athletics \$12M:** This project modernizes the College's athletic facilities and includes replacement of the press box and field house, removal of the tennis courts, and the addition of a synthetic practice field.
- **Facilities Infrastructure \$21.7M:** This project replaces the PVC gas lines, broken storm drains and sewer lines, improves deteriorated parking lots and service roads, and makes upgrades to meet newer accessibility requirements.
- **I.T. Upgrades \$11M:** This project updates the College's technology infrastructure to alleviate information security issues and provides instruction technology to meet faculty and student needs.
- **Scenario Village \$1M:** This project will provide for dedicated space on campus for academies scenario testing.
- **Technology Building Remodel \$6.8M:** This project will renovate this building to provide modern classrooms to support Mathematics.



# Project Bond Allocations

- **Science Building \$73M:** This project provides a new Sciences Building that meets current and projected needs for the Physical and Life Science programs.
- **Life Science Remodel for Veterans and Student Services \$10M:** This project will renovate the existing Life Science building to accommodate the Veterans Center, Safe Place, Sustainability Resource Center, Regional Testing Center and the Call Center. The result will be permanent space for all of these Student Services programs.
- **Physical Science Remodel \$10M:** This project will renovate the existing Physical Science building to accommodate classroom space for Agriculture, Natural Resources, Horticulture and MESA Programs.
- **Law Enforcement Training Center \$16M:** This project would complete the Public Safety Training Area by constructing an indoor firing range.
- **Remove Student Services Portables \$500K**