

# **The Next Phase of the Catherine and Isiah Leggett Math and Science Building**

**Takoma Park / Silver Spring Campus**

*May 4, 2021*

# Welcome Remarks

## **Mr. Josh Lasky**

Managing Director and Chief Strategist  
LINK Strategic Partners

## **Dr. Brad Stewart**

Vice President and Provost, Takoma Park / Silver Spring Campus  
Montgomery College

# Meeting Agenda

- 1. Current Construction Project Status**
  - COVID-19 Operating Procedures
- 2. Progress Update**
- 3. Logistics**

# Barton Malow COVID-19 Operational Procedures

Barton Malow is committed to maintaining a healthy working atmosphere on site and will stay flexible to rapidly evolving guidelines.

## **Barton Malow Plan follows CDC & Local Guidelines**

- Prior to working on site, all workers are required to complete a self-assessment including the following:
  - Complete a questionnaire consistent with CDC & Local guidelines

## **Social Distancing Measures**

- 6' separation at daily foreman meetings
- Smaller group safety orientation meetings held more often than usual
- All work surfaces (i.e.: tables, chairs) cleaned following the meeting
- Cleaning of portable toilets increase to 2x week – on site staff provided with bleach and cleaners
- Face-to-Face meetings held to a minimum – video meetings encouraged
- Workers to maintain 6' separation when working. Masks to be worn at all times.
- No congregation for lunch (i.e. no lunch room)
- Should a worker report illness after leaving site, a site investigation will be completed
  - Current Guidelines:
    - A worker with a positive result will not be able to return to the site until a negative test result is received.
    - Contact tracing investigation completed – workers identified that require testing and possible quarantine



# Progress Update

### Leggett Building Project Activity Update – April 30, 2021

Dear Neighbors,

Thank you for your interest in the Leggett Building construction project at the Takoma Park/Silver Spring Campus. We will strive to keep our neighbors informed about significant construction events with this weekly email notification.

Upcoming events are listed below:

- Demolition**  
 Debris removal from the Falcon Hall and Science South structures continues. The Falcon Hall foundation walls and structure demolition continues to advance.
- Site Utilities**  
 Final backfill at the Commons building and Takoma Avenue is being performed and likely will be completed by next week. Onsite stormwater piping and structure installation continues to progress. This week, onsite sanitary piping and structure installation will begin. These activities will continue to include material deliveries, as well as the use of dumpsters for material removal. Project vehicles will continue to use Fenton Street to route to and from the site. Comcast is installing the temporary internet service to BMC's field office according to their procedures. Some activity regarding installation around the field office will continue to occur near the Fenton Street construction entrance as well as in and around Takoma Avenue. Comcast will restore the area following completion of their work.
- Site Power/Lighting**  
 Installation of power feeds to temporary site lighting is complete and nighttime safety lighting will be illuminated beginning next week.
- Project Update Forum**  
 Please join us on Tuesday, May 4 at 6 p.m. for our next Project Update Forum for the Leggett Math and Science Building. We will be providing an update on the project including the start of foundation work and discussing proposed construction traffic routes. This meeting will allow all participants to join on camera and ask questions. You can RSVP to join in the Zoom meeting [here](#).

Please visit the project's website at [montgomerycollege.edu/tpss-design](http://montgomerycollege.edu/tpss-design) for additional information. You may contact us with questions at [community@montgomerycollege.edu](mailto:community@montgomerycollege.edu) or call the project hotline at 800-879-9879.

Thank you,

The Montgomery College Team

Recent Posts

- Leggett Building Project Activity Update – April 30, 2021
- Leggett Building Project Activity Update – April 23, 2021
- Virtual Project Update Forum – May 4, 2021
- Leggett Building Project Activity Update – April 16, 2021
- Leggett Building Project Activity Update – April 9, 2021

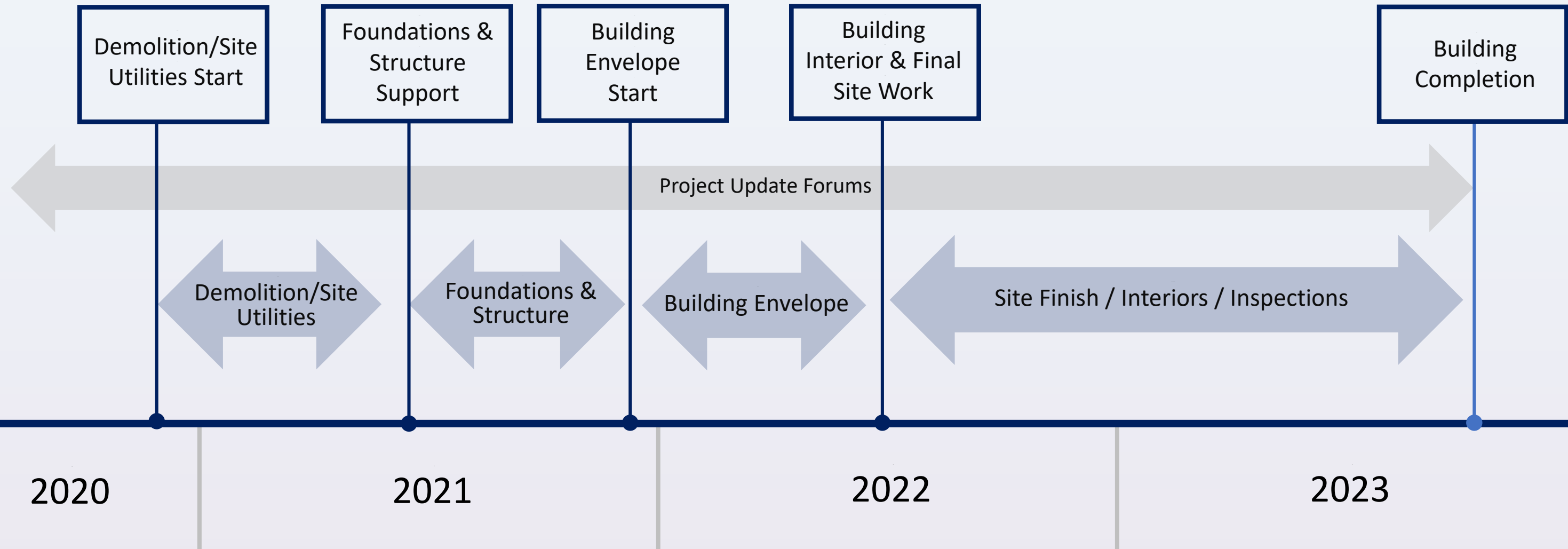
Archives

- April 2021
- March 2021
- February 2021
- December 2020
- November 2020
- October 2020
- September 2020
- August 2020
- June 2020
- May 2020

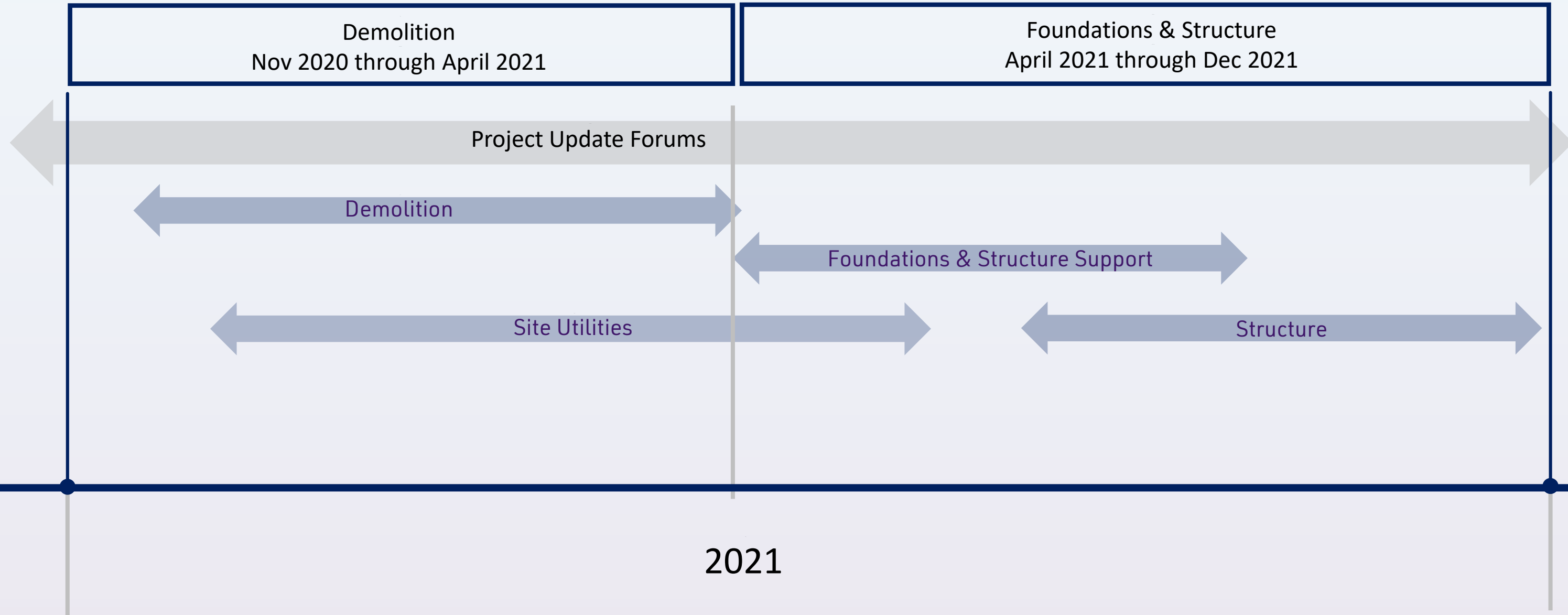
- Weekly updates on the website every Friday
- **Note:** Significant changes occurring between updates will have an additional post

# Construction Overview Timeline

Looking Ahead



# Construction Look Ahead







# Existing Conditions

# Demolition & Utilities




- Science South Building demolition complete – materials and foundation removal to be complete by May 7
- Falcon Hall Building demolition complete – materials and foundation removal to be complete by May 7
- Water line connection complete

# Water Line Installation on Takoma Avenue

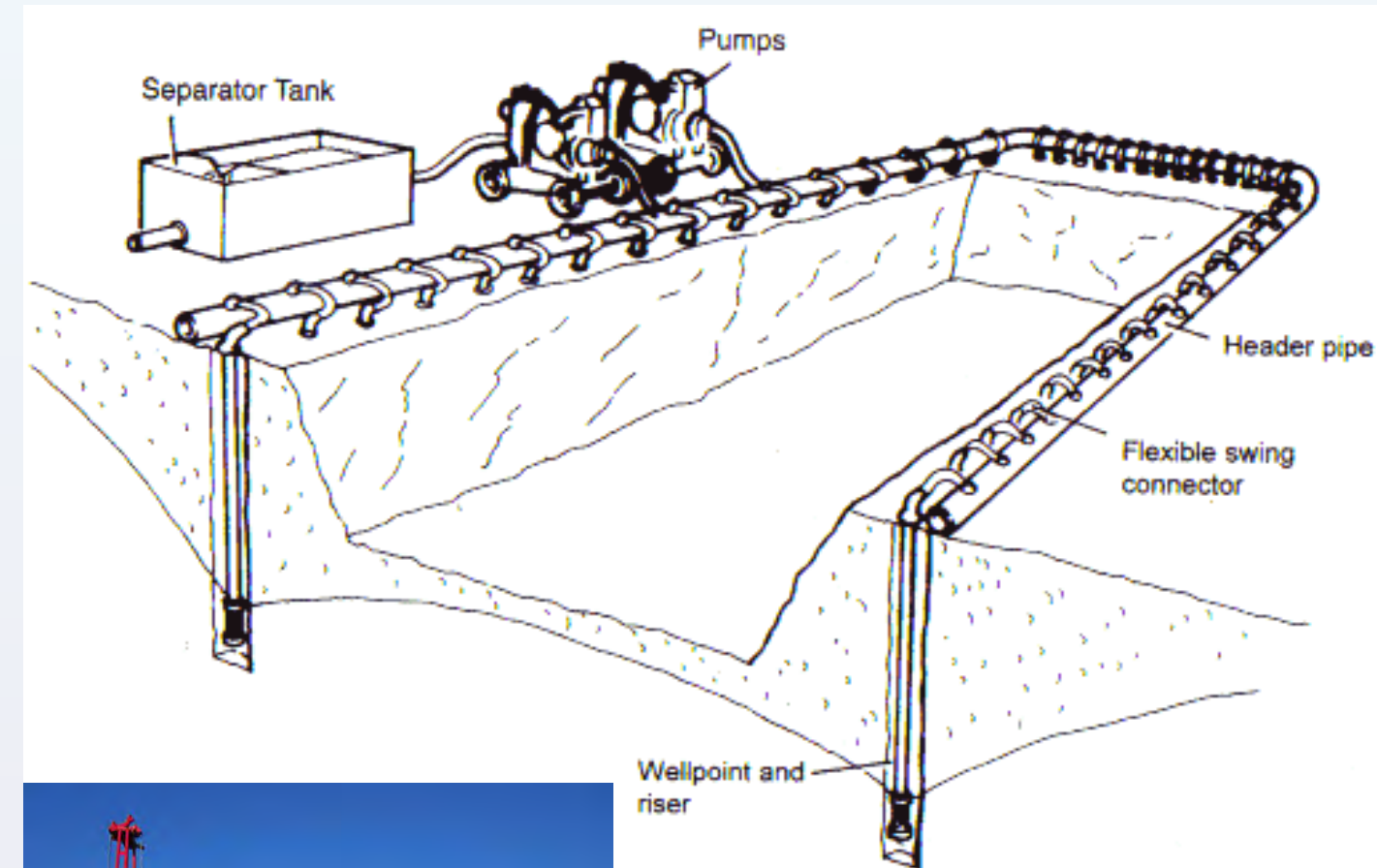


- New water line installation on Takoma Ave is complete

 Completed Work

# Upcoming Work - Dewatering

- Dewatering – a means to remove water from an area typically at a construction site
- Installation Methods
  - Pipes are drilled into the ground
  - A horizontal PVC line connects the drilled pipes
  - A pump is connected to dewater
  - Water is pumped into a settling tank and then released
- Machinery / Tools
  - Drill rig
  - Saws
  - Pump
- Noise Management - pump will be enclosed with sound dampening materials



# Dewatering Plan



Pumping Location

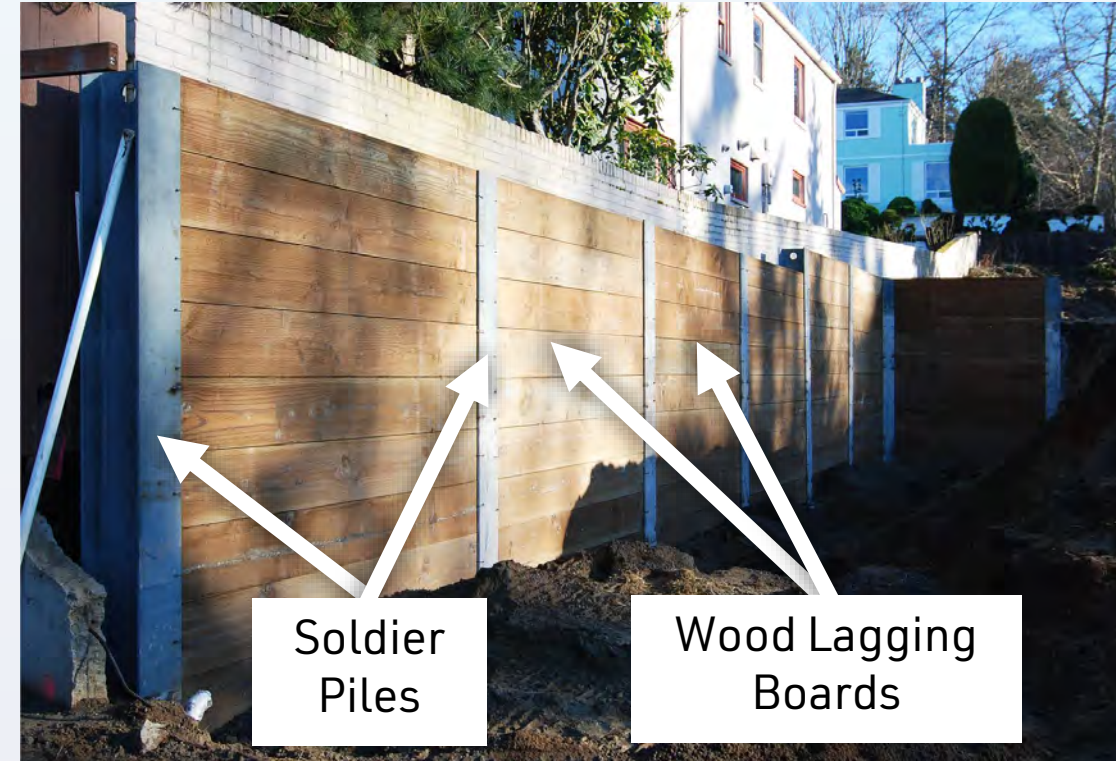


Noise Attenuation Blankets



# Upcoming Work - Sheeting & Shoring

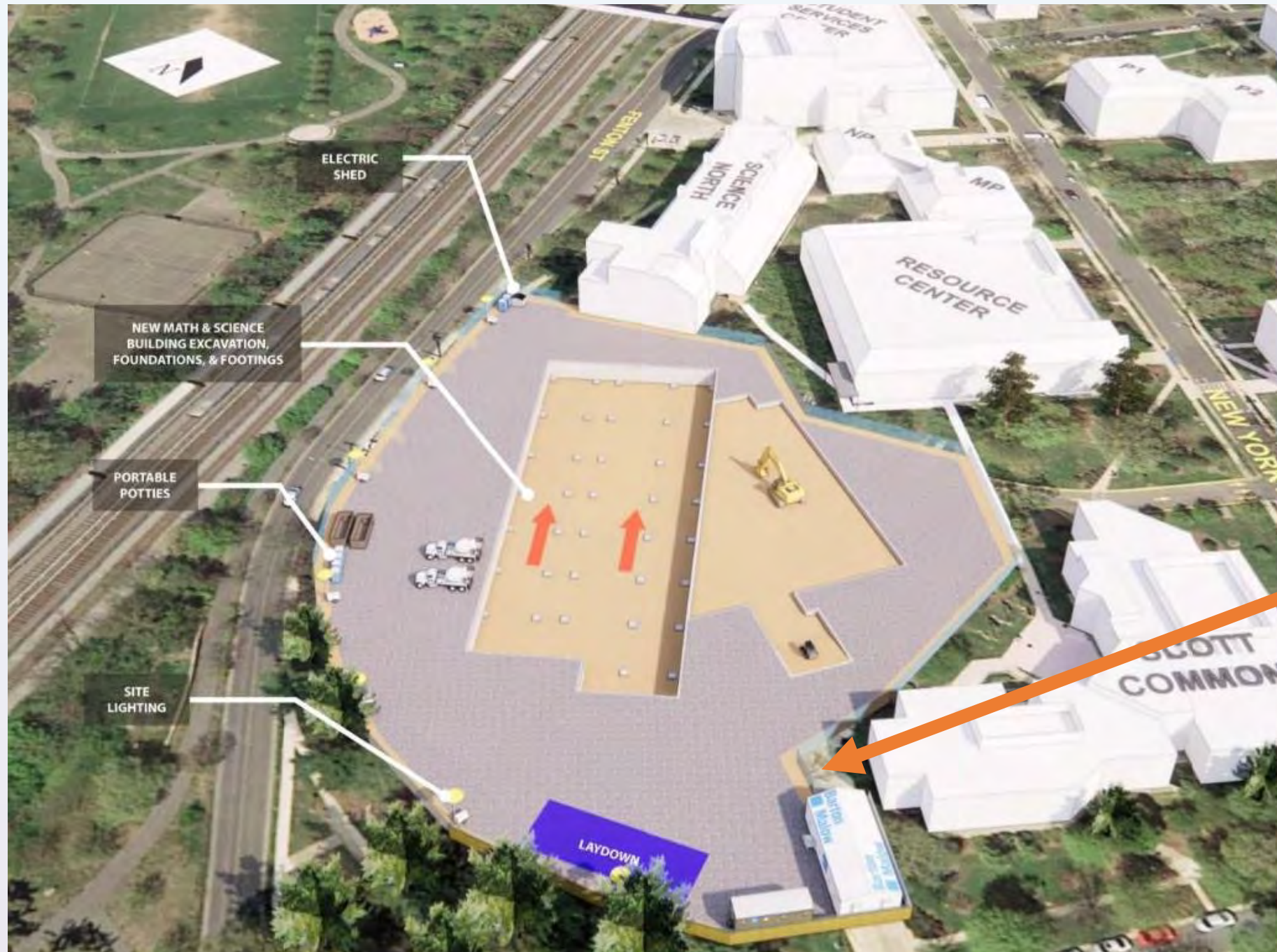
- Installation Methods
  - Soldier piles drilled into place
  - Wood sheeting boards placed to retain earth
- Machinery / Tools
  - Drill rig
  - Excavator
  - Saws (for wood lagging boards)
- Noise Management – drilling soldier piles instead of pile driving



# Site Logistics



# Wood Fence Installation



- 6' high wood fence
- Work completed from the College parking lot (no ruts or storage in tree area)
- Installation anticipated to commence mid-May

Wood Screen Fence

# Current Delivery Situation

- Typical deliveries (concrete, pick up truck, box trucks, trailers ) all enter / exit at Fenton St. - **this will not change**



# Upcoming Delivery Situation

- Large trucks have had **several challenges accessing and exiting the site with large deliveries** (ex. 60' Low Boy & Long Flat Bed trucks delivering heavy machines and materials)



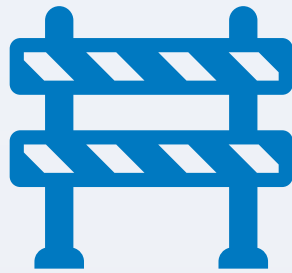


# Existing Conditions

# Current Situation

| CHALLENGE  | SOLUTION  |
|--|---|
| 1. Grade changes from street to site                               | Adjusted on site grades to all access                                     |
| 2. Large quantity of materials typically on larger trucks (lowboy) | Ensure deliveries are broken into smaller loads (smaller trucks)          |
| 3. Reduced turning radius on exiting the site                      | Develop criteria for large vehicle routing & meet with the City to review |

# Large Truck Routing Criteria



**SAFETY**



**COMMITMENTS**



**REGULATORY  
APPROVALS**



**NOISE**



**PROJECT  
EFFICIENCY**

# Large Delivery Management

| Deliveries Typically on Larger Trucks         | Management Techniques  |
|---|--|
| Structural Steel & Crane Delivery and Removal | Proposed delivery can be made through back up techniques either on site or using loading dock up Fenton. |
| Large Mechanical Units                        | Proposed delivery can be made through back up techniques either on site or using loading dock up Fenton. |





# Delivery Conditions





# Delivery Conditions



# Delivery Conditions

# Upcoming Delivery Activities

## [ Starting Now through January 2022]

### Estimated "Lowboy" and Long Flat Bed Truck Volume

- Structural Steel : 40-50 lowboy deliveries
  - Estimate 8-10 deliveries / week
- Large Mechanical / Electrical/ Misc Equipment: 15 deliveries

### Estimated Truck Volume "Lowboy" and Long Flat bed Truck Timeframe

- Structural Steel Deliveries
- Mechanical / Electrical Large Deliveries

# Engagement



**HOTLINE**  
800-879-9879



**SCHEDULED MEETINGS  
BY APPOINTMENT**

Virtual Meetings



**WEBSITE**  
[montgomerycollege.edu/  
tpss-design](http://montgomerycollege.edu/tpss-design)



**PROJECT EMAIL**  
[community@  
montgomerycollege.edu](mailto:community@montgomerycollege.edu)



**MEETING SCHEDULE  
REGULAR PROJECT  
UPDATE FORUMS**

Look forward to our

# Next Project Updates

Project Update Forum: Aug 2021

**SMITHGROUP**  
LINK STRATEGIC PARTNERS

**Barton**  
**Malow**

**MC** MONTGOMERY  
COLLEGE