Medford High School



Site, Safety, and Security Advisory Team Meeting

Meeting #2

01/13/2026

smma

LeftField

THE RIGHT CHOICE IN PROJECT MANAGEMENT

Meeting #2 Agenda

- Welcome & Introductions
- Topics & Priorities– Takeaways from Meeting #1
- Next Steps

Welcome & Introductions

Site, Safety, and Security / Team Intro

SMMA



Matt Rice
Principal-in-Charge



Helen Fantini
Project Manager



Laura Swan
Civil Engineer



Soala Ajienka
Architectural Designer

Agency



Kate Tooke
Landscape Architect

GHT



Matt Allain
Security Systems Consultant

LeftField



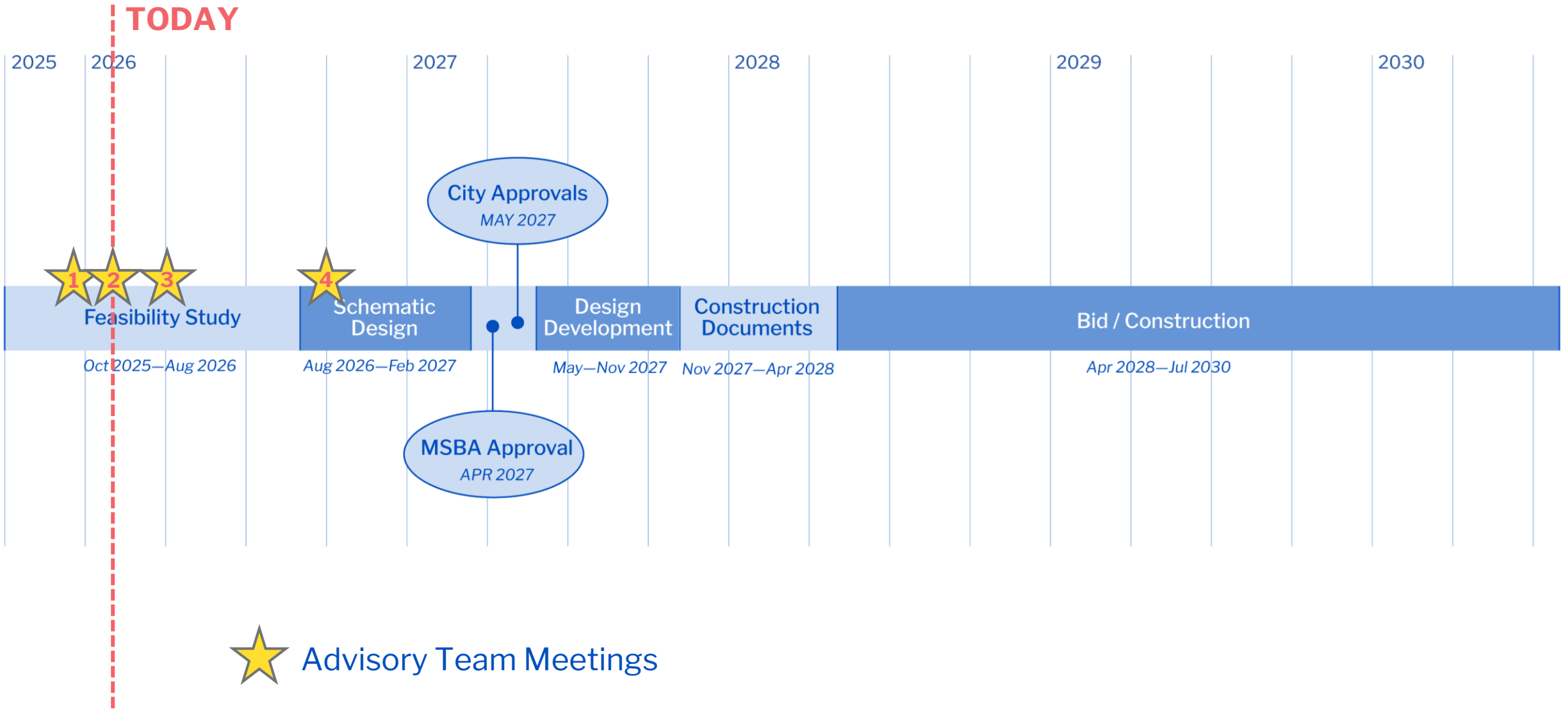
Matt Gulino
Project Manager



Jen Carlson
Project Director

1. Nicole Branley
2. Chief Buckley
3. Theresa Carr
4. Amanda Cintrella
5. Matt DeMeo
6. Chief Evans
7. Matt Galusi
8. Jenny Graham
9. Brian Hilliard
10. Joe Hogan
11. Alicia Hunt
12. Nick Karinge
13. Ethan Lay-Sleeper
14. Ken Lord
15. Sean Mangan
16. Tim McGivern
17. John McLaughlin
18. John Prestigiovanni
19. Melissa Young

Project Timeline

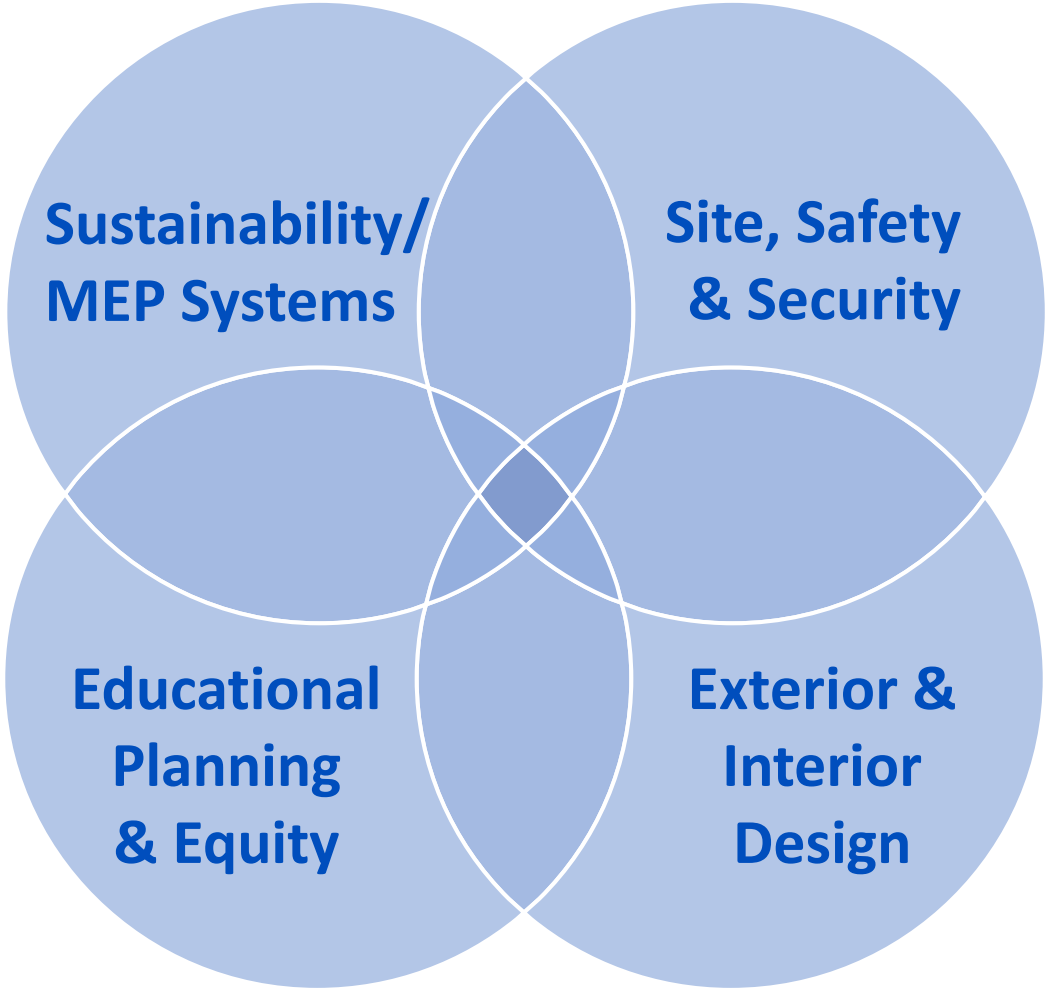


Community Stakeholder Engagement / Advisory Teams

Advisory teams are a method of collecting broad community input on key priorities and desired outcomes for the project.

***Who* : Educators, Students, City Departments, Boards & Commissions, Expert Community Members**

Reviews preferred MEP systems, sustainable design features and components, healthy materials; site design and landscape features for environmentally friendly design.



Reviews development of the site design for traffic, circulation, safety and security. Includes conversations about parking, driveways and circulation, fields, and offsite improvements and coordination with City Departments.

Reviews overall goals from educational planning perspectives, educational programming meetings and visioning sessions.

Reviews exterior design concepts including composition of form and exterior material selections. Review of the products and materials selected for interior finishes such as flooring, paint colors, wall finishes and ceilings.

Objective: Reviews development of the site design for traffic, circulation, safety and security. Includes conversations about parking, driveways and circulation, fields, and offsite improvements and coordination with City Departments.



Topics & Priorities
from Meeting #1

What We Heard...



Topics and Priorities

Topics:

1. Balancing Open Campus & Community Access with Safety (15 min.)
2. Mobility and Access (15 min.)
    - A Connected Medford Destination
3. Program and Operations (15 min.)
    - Active Every Day, Year Round
4. Physical Site (15 min.)
    - Between the Fells and the City
5. Construction site safety (10 min.)

Balancing Open Campus & Community Access with Safety

CPTED (Crime Prevention Through Environmental Design) Principles



Crime Prevention Through Environmental Design (CPTED) is an approach that focuses on designing the physical environment to reduce opportunities for crime and enhance safety. The success of a CPTED plan relies on a holistic approach, combining physical design elements with policies, procedures, and community involvement. Regular evaluations and adjustments should be made to adapt to changing circumstances and emerging threats.

When developing a CPTED plan for a school, several design considerations should be taken into account:

1. Natural Surveillance
2. Natural Access Control
3. Territorial Reinforcement
4. Maintenance and Visibility
5. Activity Support

Balancing Open Campus & Community Access with Safety

Window Security



Window Blinds



Window Security Film



Ballistic Resistant Glass

Balancing Open Campus & Community Access with Safety

Security Management Systems / Access Control Systems







Balancing Open Campus & Community Access with Safety

Security Communication System

Communication

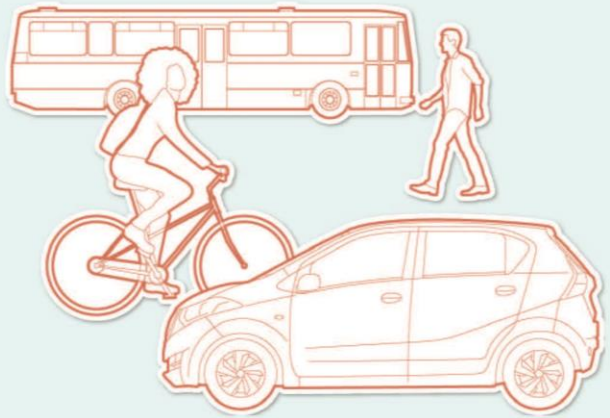
- Empower your security team by providing tools such as two-way communication, cameras and mobile apps.
- Communicate between hallways, common areas, exterior entrances and site elements.
- Door stations provide calling points for parents/visitors to request access or for emergency communication.



Topics and Priorities

You shared feedback and ideas in three key categories:

MOBILITY + ACCESS



A Connected Medford Destination

- Arrival and egress
- Circulation
- ADA Compliance
- Emergency access and service

PROGRAM + OPERATIONS



Active Every Day, Year Round

- Site amenities
- School and community resources
- Site security and management

PHYSICAL SITE



Between the Fells and the City

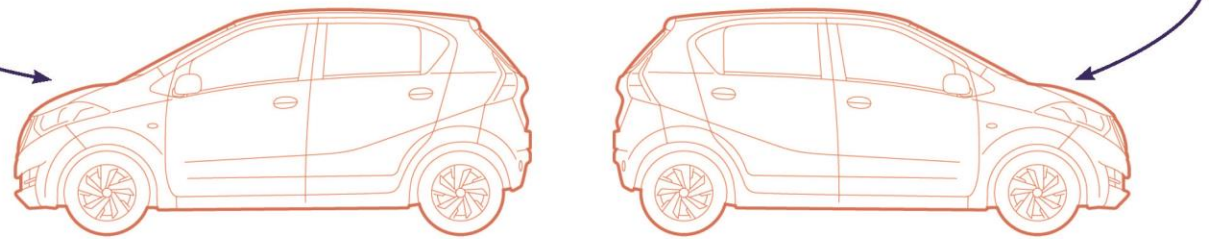
- Topography and vegetation
- Construction logistics
- Site materiality, character and permanence

A Connected Medford Destination

The community arrives on wheels, on foot, and by transit!

37% of trips to the school overall are made in family vehicles.

Fewer car trips are made in the afternoon than in the morning.



by **Car**
(parking on site and drop off)



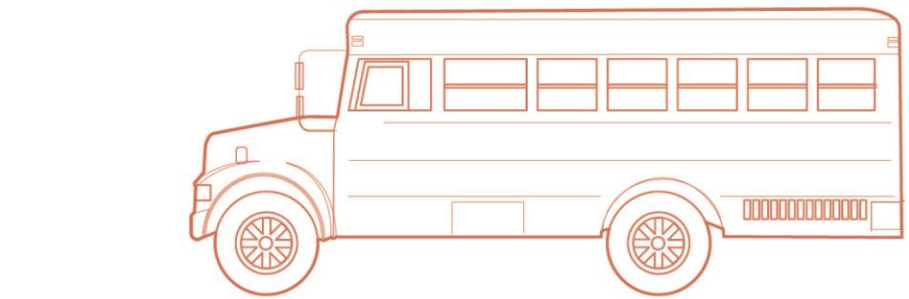
by **Bike**

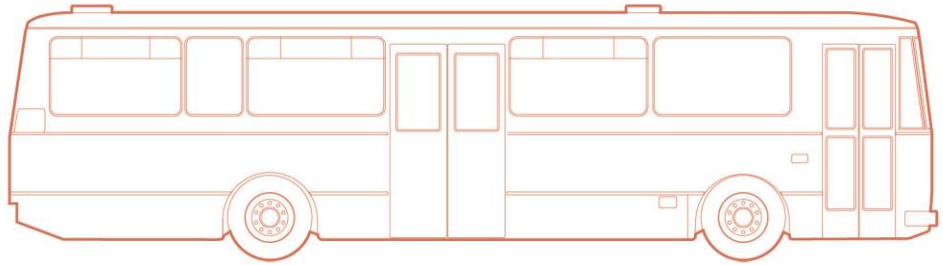


on **Foot**

62% of students within 1 mile walk or bike, making up 22% of overall students.

51% of students who live 2+ miles away from school ride either school or MBTA bus.





by **MBTA Bus** and **School Bus**

A Connected Medford Destination

Routes to school are through neighborhoods and the Fells.



A Connected Medford Destination

Parking is pervasive and vehicles are prioritized in site circulation.



Approximately

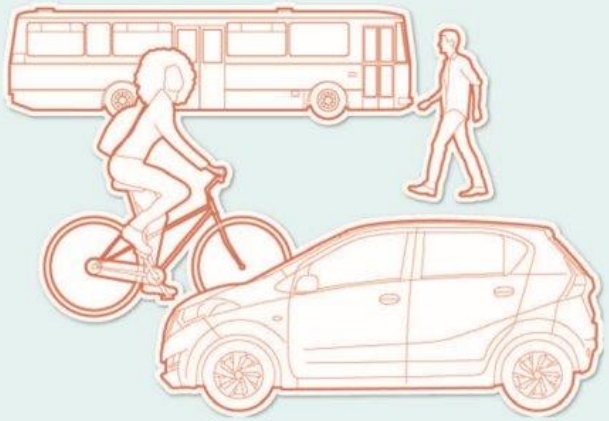
476

parking spaces on the site

Note! Traffic Consultant is working on capacity analyses!

Legend

- Vehicle Routes
- Bus Routes
- Bus Stops
- Pedestrian Routes
- Trails
- Fence
- Trailheads
- Bike Parking
- Vehicle Parking

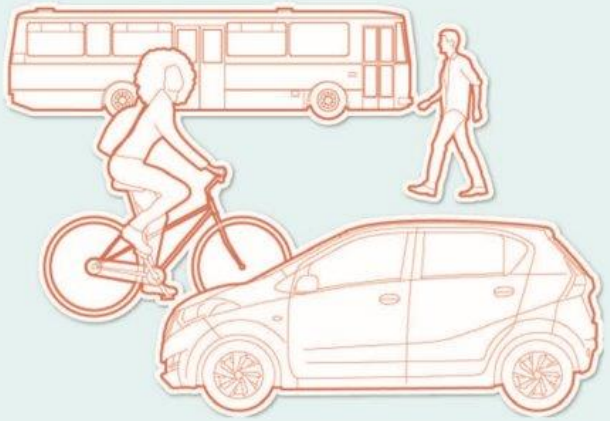


A Connected Medford Destination

What other challenges or opportunities related to circulation would you like to discuss tonight?

In December you shared these priorities…

- Create a campus that feels welcoming, legible, and **easy to navigate**, with clear wayfinding and logical zoning of uses.
- Ensure **safe pedestrian routes** with generous, well-lit walkways, accessible entrances, and protected crossings, especially near drop-off zones.
- Design for **clear emergency egress** and gathering areas, with obvious evacuation routes and access for fire, police, and EMS.
- Provide **safe, efficient circulation** for buses, parent dropoff, student drivers, service vehicles, and pedestrians, with **clearly separated paths**.
- Provide a **hierarchy of trails and outdoor spaces**—from fully accessible multiuse loops close to the building to more rustic study paths at the Fells edge—so recreation is welcomed but directed away from erosion-prone or ecologically-critical areas.



A Connected Medford Destination

What other challenges or opportunities related to circulation would you like to discuss tonight?



Active Every Day, Year Round

The campus serves a broad diversity of users from a deeper demographic than just high school.



Students

2024-2025 Quick Facts

1,195 total students:

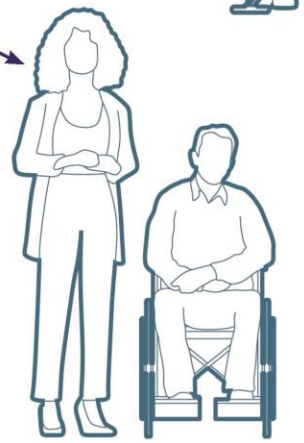
- 52% are low income
- 56% have high needs
- 34% have non-English first language
- 20% have disabilities

2024-2025 Quick Facts

- 130 teachers
- 9.2 students per 1 teacher



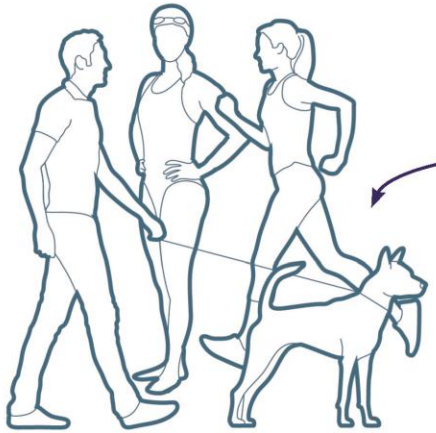
Staff



Faculty



Parents



Community

The Medford Parks and Open Space plan reported that 1/4 of the public interviewed visited campus 10+ times a year.

The Medford Early Education Program serves ages 3 - 5, with up to 15 children per class.



Preschoolers

Active Every Day, Year Round

This site is dominated by service and circulation, with athletic, entry, and program spaces secondary.



Legend

- Fields
- Road, Service Area, and Parking
- Building
- Play Areas
- Outdoor Yard Space
- Entry

- Bistro 489
- Childcare
- Robotics Lab
- Kitchens
- Automotive Workshops
- Pool
- Science Lab
- Marching Band Practice Area
- Soccer Field / Turf
- Bike Path
- Trailhead



Opportunities exist to better integrate outdoor spaces, provide outdoor amenities (like seating, shade, bike racks, and planting), and improve wayfinding across the campus.



Many walkways, plazas, and landscaped areas are in poor condition, showing signs of stormwater runoff erosion and wear that compromises ADA access.

Active Every Day, Year Round

The City has identified improving stormwater management and slope stabilization as priorities for the site!



Takeaways from the Open Space and Recreation Plan

- Medford Highschool is within the Top 5% Urban Heat Areas in the Region.
- There is a desire to increase permeability of the site.
- Need to stablize banks with plantings.

Takeaways from the Comprehensive Plan

- Strong desire to diversify the character and use of open spaces and facilities.
- Provide activities and spaces to gather for all ages and abilities.



Active Every Day, Year Round

What other challenges or opportunities related to program would you like to discuss tonight?

In December you shared these priorities…

- Treat the campus and adjacent Fells interface as an **outdoor laboratory for CTE and science programs**, embedding longterm monitoring plots, weather and hydrology stations, and forest inventory study areas into the site plan.
- Develop **dedicated outdoor classrooms**, teaching forests, and restoration zones.

- This is a high school first, but also a community resource. Design outdoor spaces that can **host community events**, field days, and joint school–Friends of the Fells programs, positioning the high school as a **regional hub for learning** about sustainable forest management, restoration, and responsible outdoor recreation.

- **Prioritize climate resilience** (stormwater infiltration and heat mitigation) into athletic fields and parking.
- **Cluster active recreation fields and high-intensity play** areas away from the most sensitive ecological zones, using paths, plantings, and gentle grading to buffer noise, lights, and foot traffic.



Active Every Day, Year Round

What other challenges or opportunities related to program and operations would you like to discuss tonight?

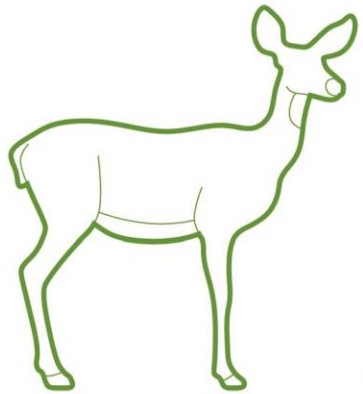


Between the Fells and the City

The Fells are home to a diversity of species and an opportunity for stewardship.



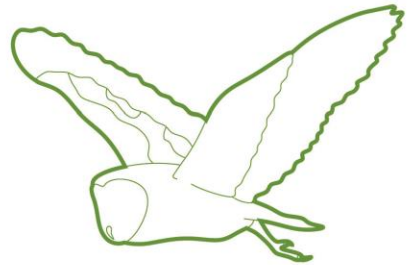
Blue Jay



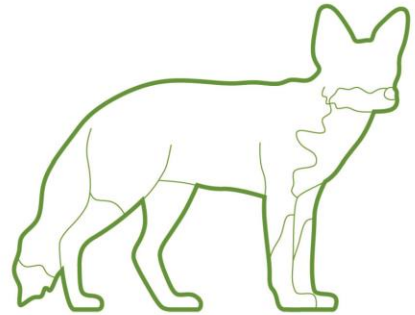
White-Tailed Deer



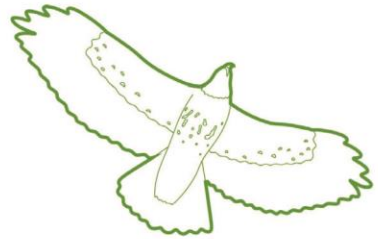
Eastern Chipmunk



Barred Owl



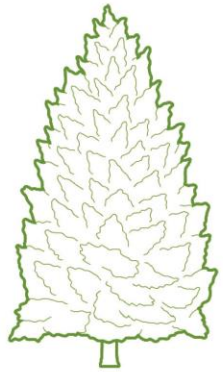
Red Fox



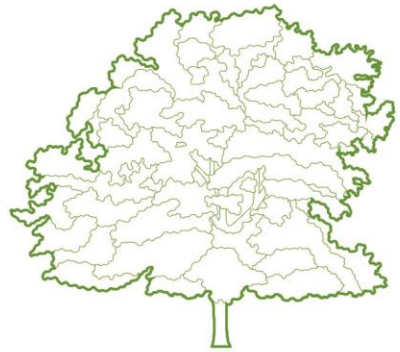
Red-Tailed Hawk



Ferns



Hemlocks



Oaks



Lady's Slippers

Invasive Species



Stinging Nettle



Japanese Knotweed



Wild Garlic



Oriental Bittersweet

Between the Fells and the City

A mostly paved and impermeable site with pockets of bedrock.



Approximately

54%

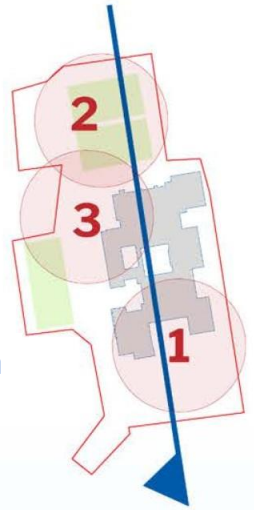
of the site is impermeable

Legend

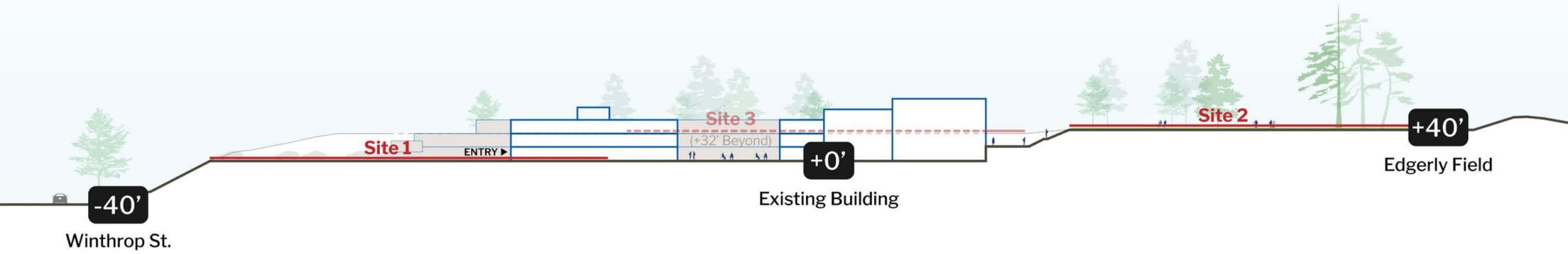
- Waterbody
- Palustrine Forested Wetland
- Evergreen Forest
- Deciduous Forest
- 1ft Contours
- Property Boundaries
- Vernal Pools

Between the Fells and the City

80’ Grade Difference Organized in a Series of Plateaus



Site Diagram





Between the Fells and the City

What other challenges or opportunities related to the physical site would you like to discuss tonight?

In December you shared these priorities...

- **Design with the site**: Locate buildings, fields, and parking based on topography, drainage, and environmental constraints, while allowing room for future additions.
- Designate a **continuous band of protected and enhanced open space** along the Fells edge that prioritizes native plant communities, wildlife connectivity, and ecological function over ornamental landscaping.
- Use site grading, planting, and stormwater systems to **restore more natural hydrology** along the Fells interface, reducing runoff, erosion, and pollution entering nearby forest and wetland systems.
- Establish **shared stewardship goals** with Friends of the Fells and the City so site maintenance standards (mowing regimes, pesticide policies, lighting, and snow management) support habitat quality and darksky principles near the Fells. Embed **student-led stewardship** into ongoing site operations, so the landscape is comanaged as part of the educational program.



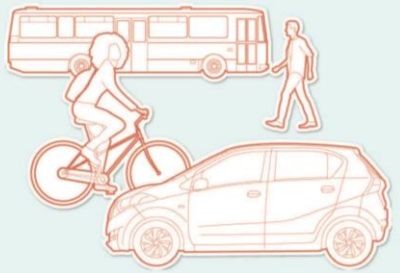
Between the Fells and the City

What other challenges or opportunities related to the physical site would you like to discuss tonight?



Discussion

Tell us more!



A Connected Medford Destination

MOBILITY + ACCESS

- Arrival and egress
- Circulation
- ADA Compliance
- Emergency access and service



Active Every Day, Year Round

PROGRAM + OPERATIONS

- Site amenities
- School and community resources
- Site security and management



Between the Fells and the City

PHYSICAL SITE

- Topography and vegetation
- Construction logistics
- Site materiality, character and permanence

Middlesex Fells

Medford Highschool

Mustang Trail Loop

Victory Park

Lorraine Rd

Wildwood Rd

Winthrop St

Steve Miller Dr

Brooks St

0 500 750 1,000 Feet

Construction Site Safety

Separate construction activities from school activities



Scaffolding for access to roof work



Emergency vehicle pathways during construction



Construction fencing around active work site





Temporary signage

Safe and well marked paths for all users

Next Steps



1	Listen	12/18
2	Review & Respond	1/13
3	Confirm & Recommend	3/11
4	Reconvene	TBD

Next Steps/ What to Expect in Meeting #3

Objective: The Advisory Team will review recommendations as to what type Site, Safety & Security design elements to include in the project (which were discussed in Meetings 1 and 2). Scope items will be characterized as givens, items warranting team discussion, or items that are not recommended for inclusion in the project.

When & Where?

March 11th at 5:30 pm

Remote / Hybrid

Thank you.

