



Town of Atherton

Cartan Field Stormwater Capture Project

City Council Meeting
April 15, 2020

Introductions

- Lisa Costa Sanders, Town Planner
- Robert Ovadia, Public Works Director
- Jason Fussel, Tetra Tech (Project Engineer)
- Barbara Beard, MIG Associates (CEQA Project Manager)

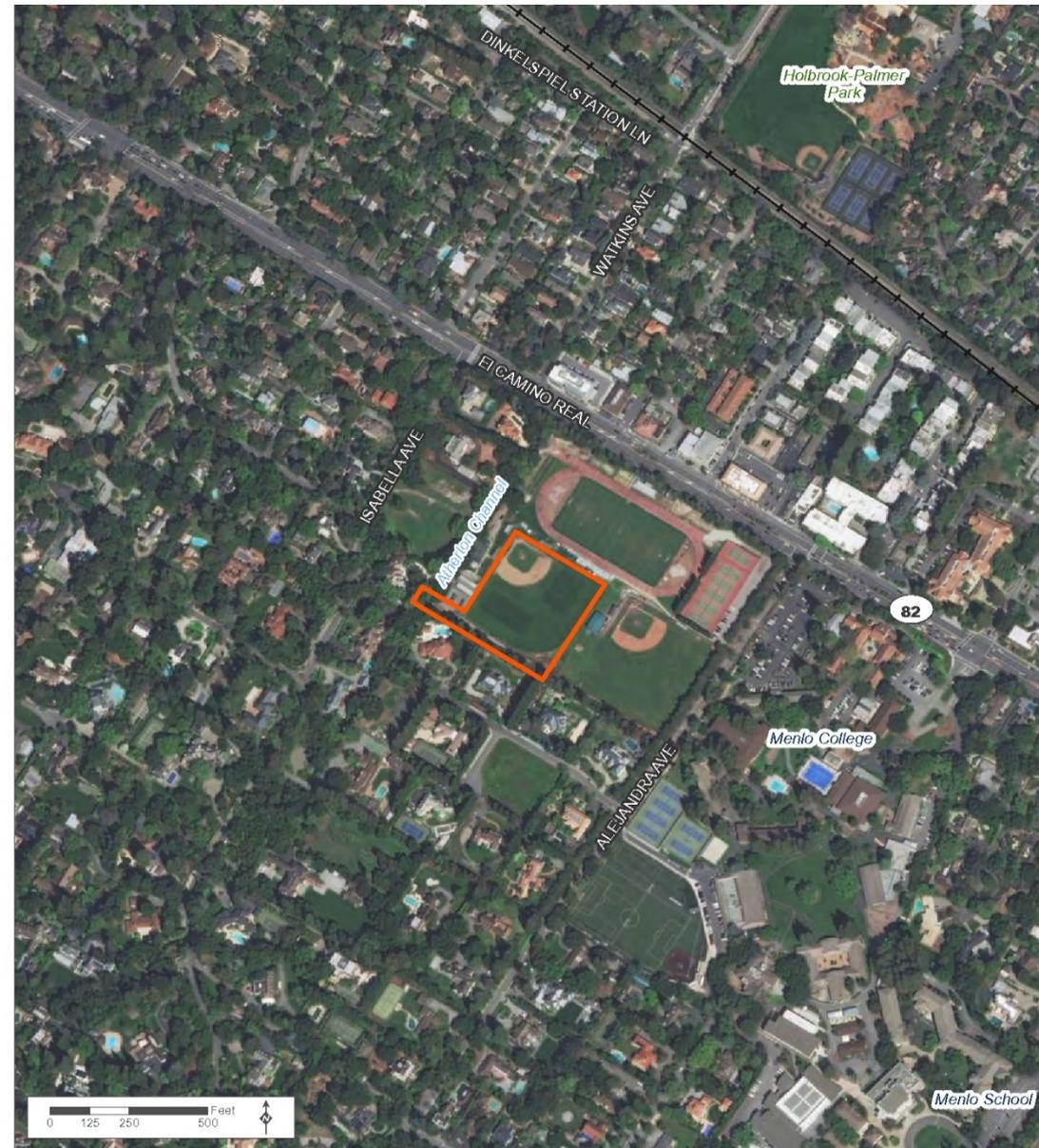
Project Process

1. Project Plans (20% Concept) were prepared to determine feasibility.
2. Draft Initial Study/Mitigated Negative Declaration (IS/MND) was prepared.
 - Public review period January 8 to February 24, 2020
 - Community meeting (January 21, 2020)
3. No public comments received on IS/MND.
4. Planning Commission Public Hearing March 25, 2020
 - Final IS/MND
 - Conditional Use Permit
 - Development Agreement
5. City Council Public Hearing
 - Final IS/MND
 - Conditional Use Permit
 - Development Agreement

Project Overview

- Stormwater Capture Facility at Cartan Field jointly owned by Menlo College and Menlo School.
- The Town prepared a Drainage Study Update (2015) which identified the need for a stormwater detention/storage facility to reduce flooding associated with Atherton Channel.
- Additionally, the Town is required to comply with the Municipal Regional Permit (MRP) conditions issued by the San Francisco Bay Regional Water Quality Control Board for storm water quality, including green infrastructure improvements to reduce the amount of mercury and polychlorinated biphenyl (PCB) in stormwater discharges to the San Francisco Bay.
- The Town retained Tetra Tech to design a stormwater capture facility that would help alleviate local and downstream flooding through stormwater detention and meet the MRP pollutant reductions by capturing and filtering dry-weather and a portion of wet weather flows.

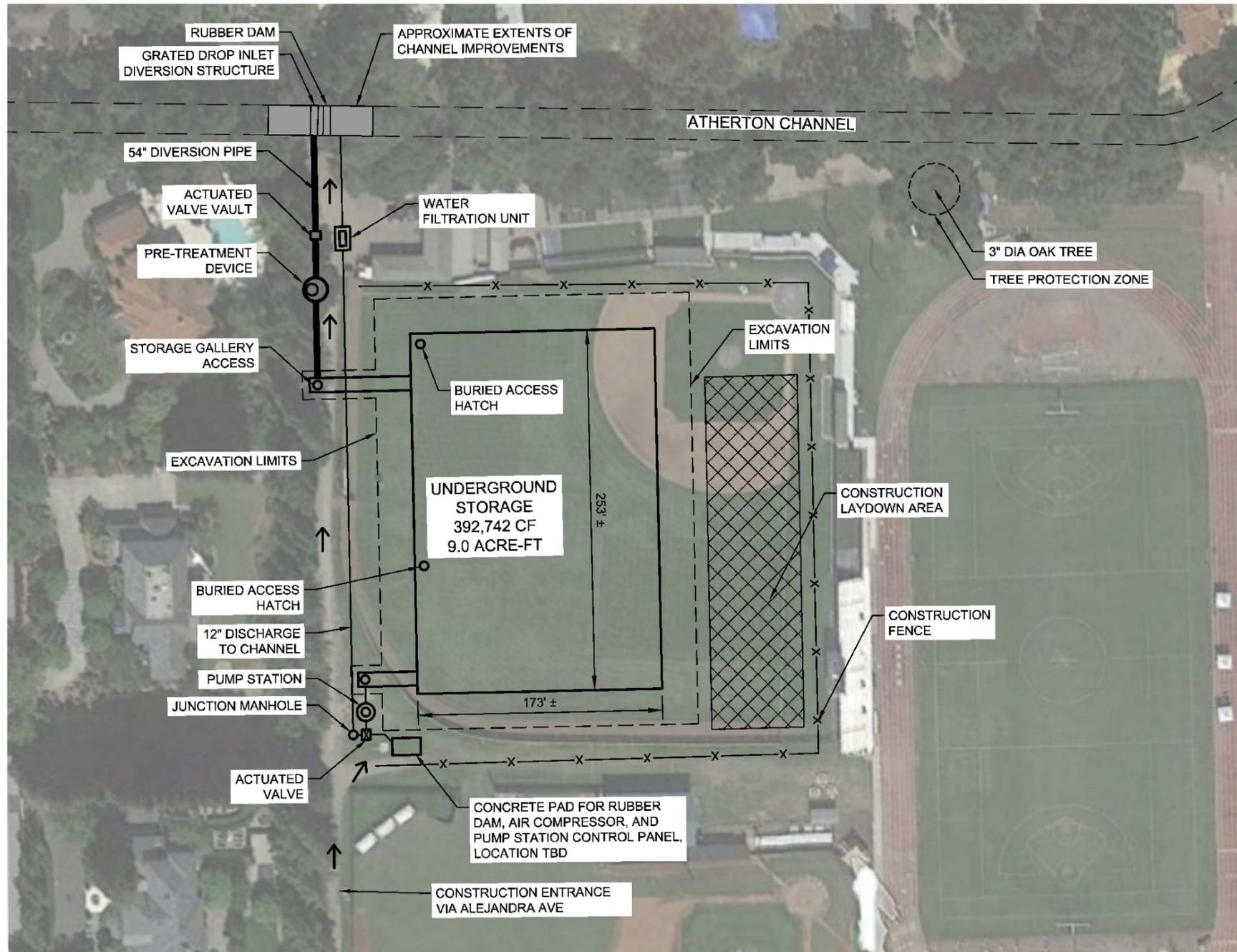
Technical Project Description



Source: ESRI 2019; M/G 2019

- Project Boundary
- Commuter Rail

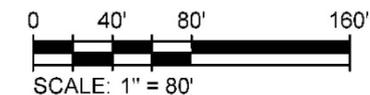
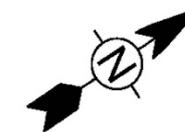
Technical Project Description



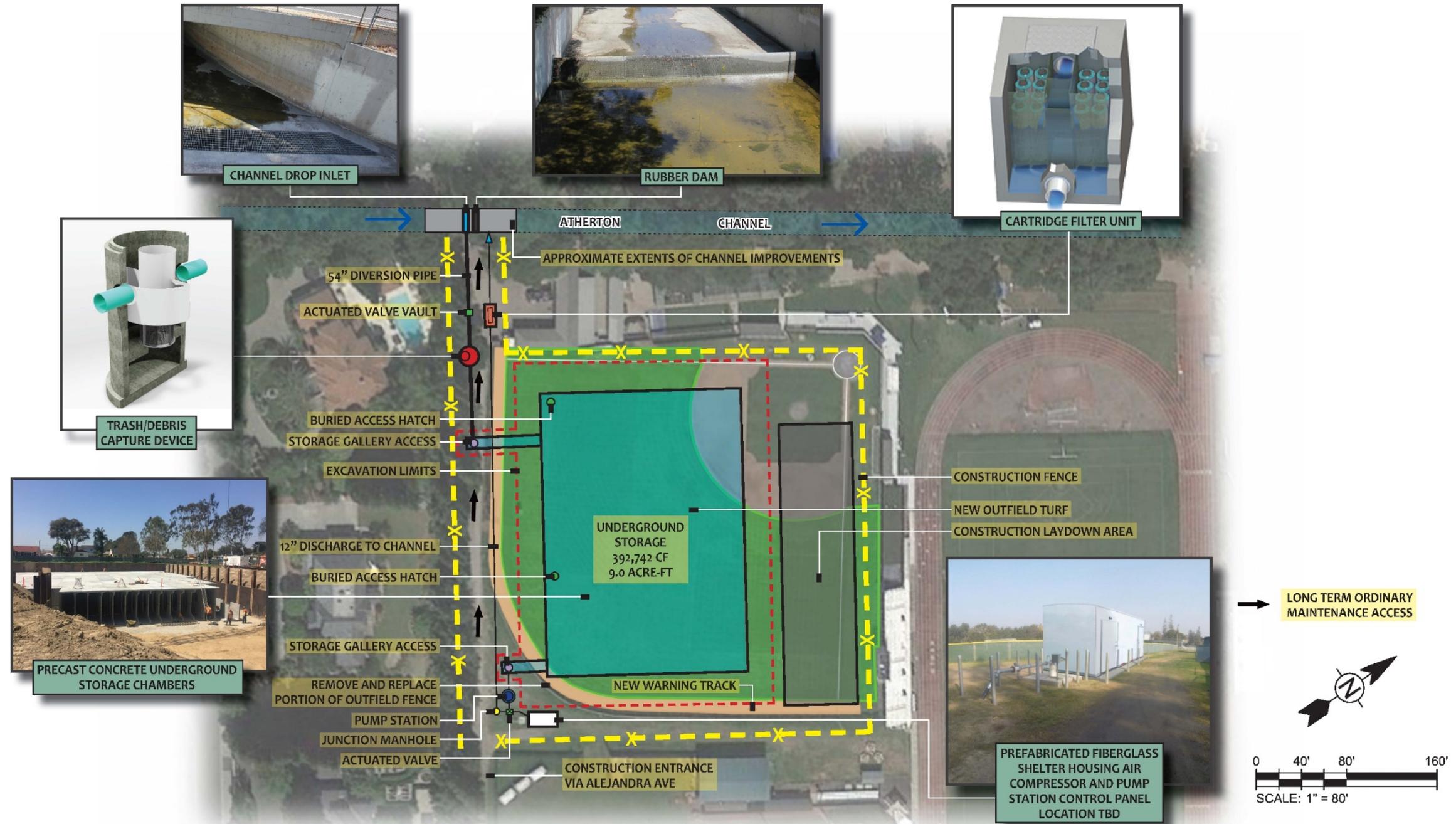
LEGEND

- LONG TERM ORDINARY MAINTENANCE ACCESS
- APPROXIMATE EXTENTS OF CHANNEL IMPROVEMENTS
- ▨ CONSTRUCTION LAYDOWN AREA

- Diversion
- Rubber Dam
- Pretreatment
- Storage
- Treatment
- Discharge
- Access



Technical Project Description



Environmental Review Process

California Environmental Quality Act (CEQA) directs how the Town conducts environmental review of the Stormwater Capture Project

- Town has prepared an Initial Study to determine if the project may have a significant effect on the environment (CEQA Guidelines Section 15063).
- The Initial Study provides factual documentation of the project's environmental impact and identifies mitigation measures to reduce potential impacts to less than significant levels.
- The Initial Study determined that mitigation measures identified and included in the project would reduce all potential project impacts to less than significant levels (CEQA Guidelines Section 15064).
- Early consultation with regulatory agencies including U. S. Army Corps of Engineers, California Dept. of Fish and Wildlife and Regional Water Quality Control Board.

Environmental Review Process

Mitigation Measures identified in the Initial Study Include:

- Standard Bay Area Air Quality Management District dust control and equipment emission control during construction.
- Standard protection measures for buried cultural/archaeological resources discovered during construction.
- Protection of historic Perry Stable during construction (ground vibration).
- Protection of Biological Resources during construction (California red-legged frog, San Francisco Garter Snake, Western Pond Turtle, tree/vegetation removal along top of creek bank, nesting birds/bats, water quality protection).
- Project Design measure to incorporate escape routes to allow amphibians/reptiles to avoid diversion structure.

Subsequent Agency Review

- Project will require Clean Water Act, Section 404 Permit after Town approval
 - U. S. Army Corps of Engineers is lead permitting authority
 - Project will require the following permits:
 - Federal Clean Water Act Section 404 Nationwide Permit
 - Federal Clean Water Act Section 401 Water Quality Certification
 - California Fish and Game Code Section 1600 Streambed Alteration Agreement
 - Regional Water Quality Control Board Construction General Permit

Environmental Review Process

- Town prepared a Mitigation, Monitoring and Reporting Plan for implementation of adopted mitigation measures.
- Planning Commission recommends the City Council adopt the Resolution adopting the Initial Study/Mitigated Negative Declaration and approving the Mitigation, Monitoring and Reporting Plan.

Conditional Use Permit

- Public Uses in the PFS Zoning District require Conditional Use Permit
- Conditional Use Permit to allow the construction, operation and maintenance of the Stormwater Capture Facility.
- Planning Commission adopted Resolution 2020-1 recommending the City Council approve the Conditional Use Permit

Development Agreement

- Development Agreement provides for Schools to dedicate perpetual easement to Town for construction, operation and maintenance of the Stormwater Capture Facility.
- In exchange, Town agrees to the following:
 - Existing Conditional Use Permits granted to Owner in the past will continue to remain in full force and effect in the future.
 - Reasonable consideration of future Conditional Use Permits including certain procedural rules.
 - Not to impose enrollment caps and/or Transportation Demand Management conditions as part of the Town's Conditional Use Permit application for the Stormwater Capture Facility.
 - Assistance in meeting the Owner's regulatory stormwater detention and/or treatment requirements (so called C.3 requirements) for future projects.

Public Notice & Community Outreach

- The Town conducted a community outreach meeting on January 21, 2020. Notice of the meeting was mailed to all property owners within 500' of the site. The meeting was attended by one interested person.
- The Town mailed notice of availability of the CEQA document to all property owners within 500' of the site on January 8, 2020 and notice April 1, 2020. No comments have been received to-date.

City Council Questions

Public Comments

CONSTRUCTION TRAFFIC

Excavation and Off-haul period: 29 truck trips and 48 employee trips per day. This results in 3 truck trips and 24 employee trips in both the A.M. and P.M peak hours.

Vendor delivery period: average of 26 truck trips (39 PCE trips) and 48 employee trips per day.

Maximum trip generation would occur when the excavation/off-haul period overlaps with the vendor delivery period for an approximate 6 month period.

During this time an average of 96 daily trips would be generated (31 truck trips (48 PCE trips) plus 48 employee trips) including 31 trips during both AM and PM peak hours.

Truck routes to/from site are mainly on state Highways(SR 82, Hwy 101) could accommodate the temporary construction traffic.

CONSTRUCTION TRAFFIC

Construction access to site limited to El Camino and Alejandra Avenue.

Access driveway allows one-way ingress/egress site because of redwood trees along Alejandra. Flaggers at Alejandra and site entrance needed to facilitate construction vehicle access to the site.

Intersection of El Camino and Alejandra controlled by a high-intensity activated crosswalk beacon (Hawk). Flaggers needed at Alejandra and El Camino to facilitate truck turning movements.

Construction traffic restricted to hours set by Town Municipal Code Title 15.40.140 to 8 A.M to 5 P.M.

Town code requires preparation of a Construction, Operation, and Parking plan to incorporate recommendations of traffic analysis.