

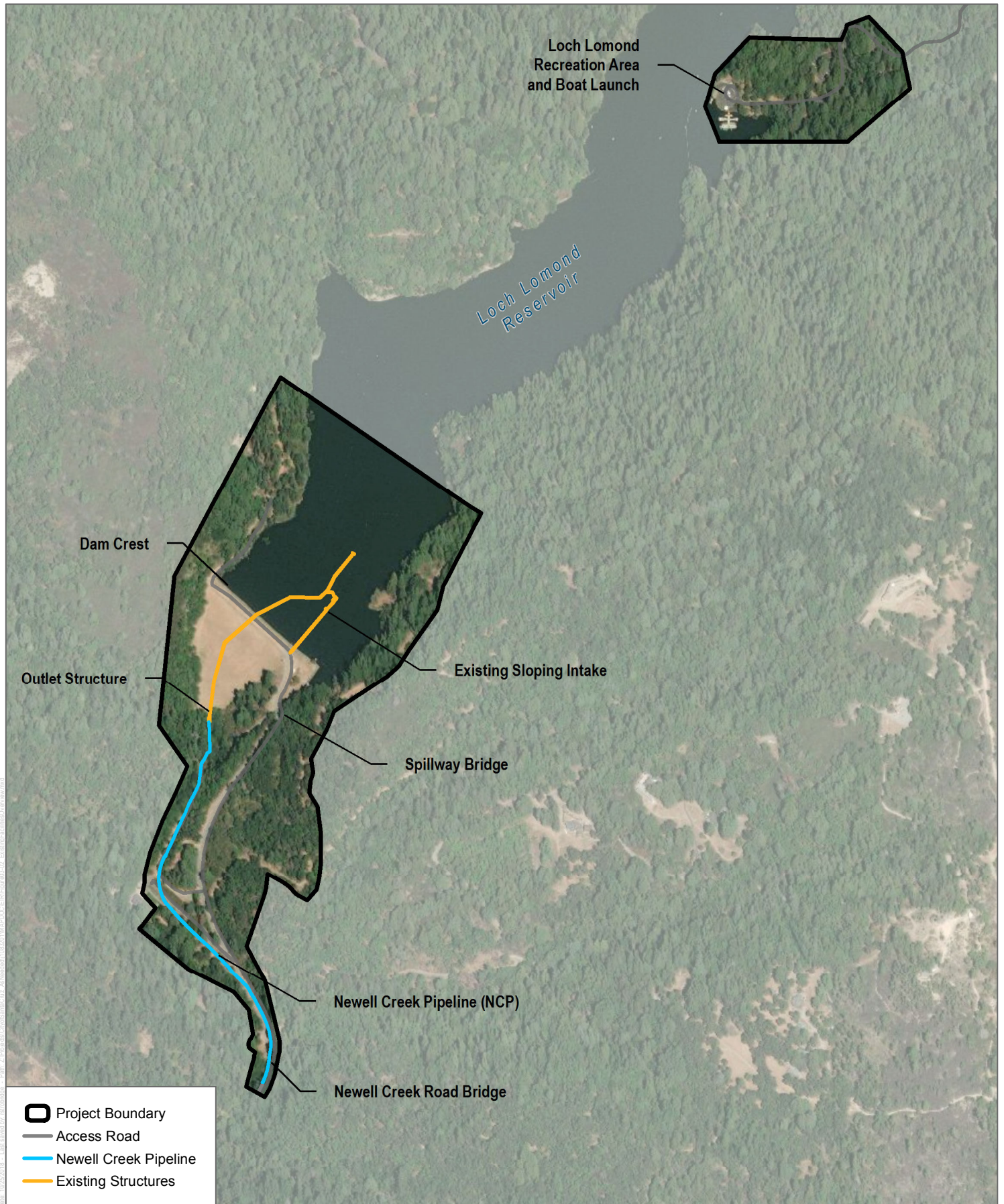
SOURCE: USGS 7.5-Minute Series Felton Quadrangle  
Township 9S, 10S; Range 2W; Sections 3, 34

**FIGURE 3-1**

**Project Location**

Newell Creek Dam Inlet/Outlet Replacement Project





SOURCE: Bing Maps 2018

**FIGURE 3-2**  
Existing Facility Overview

Newell Creek Dam Inlet/Outlet Replacement Project





SOURCE: Bing Maps 2018

**DUDEK**



0 550 1,100 Feet

**FIGURE 3-3**

**Area of Potential Effect**

Newell Creek Dam Inlet/Outlet Replacement Project



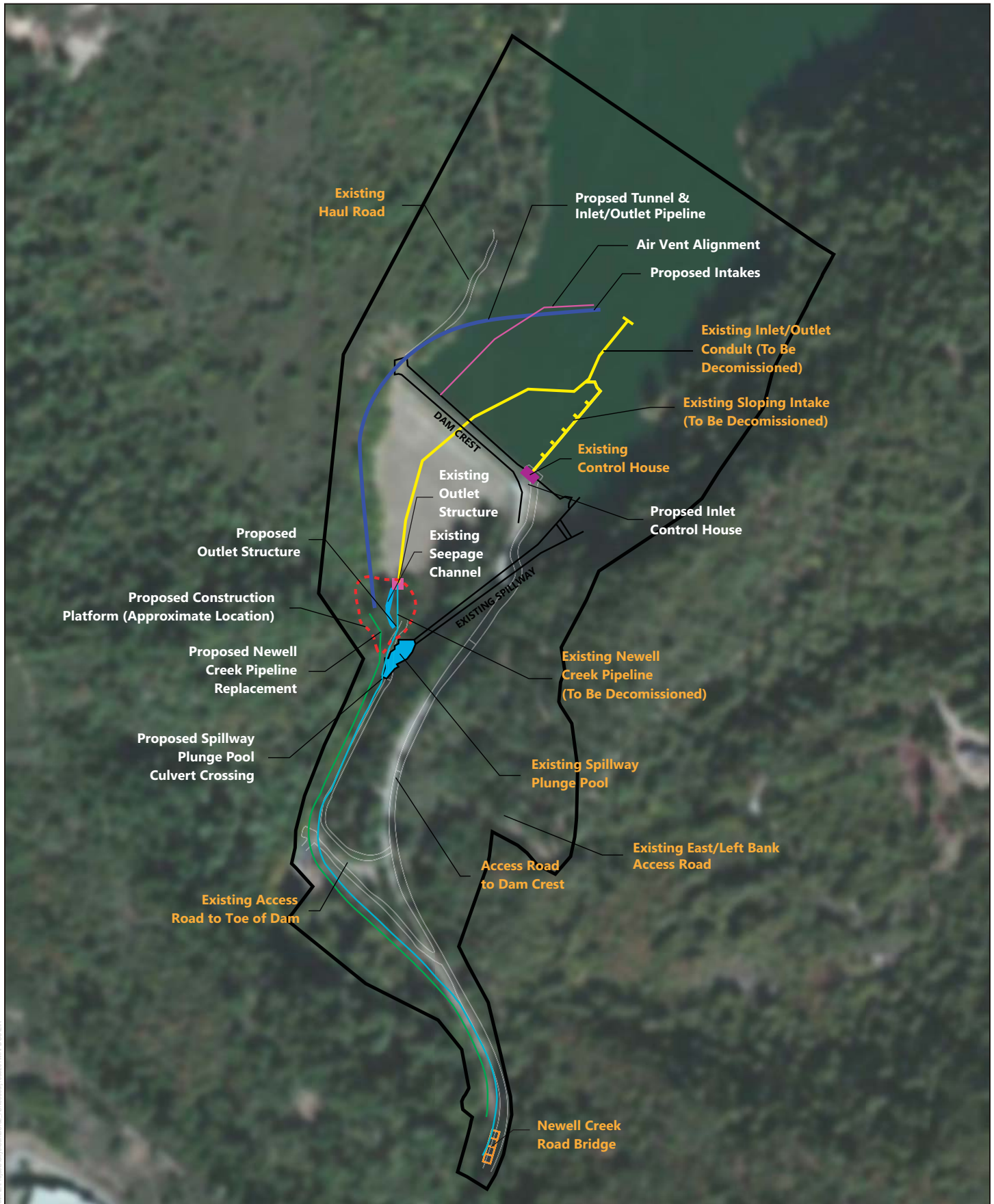
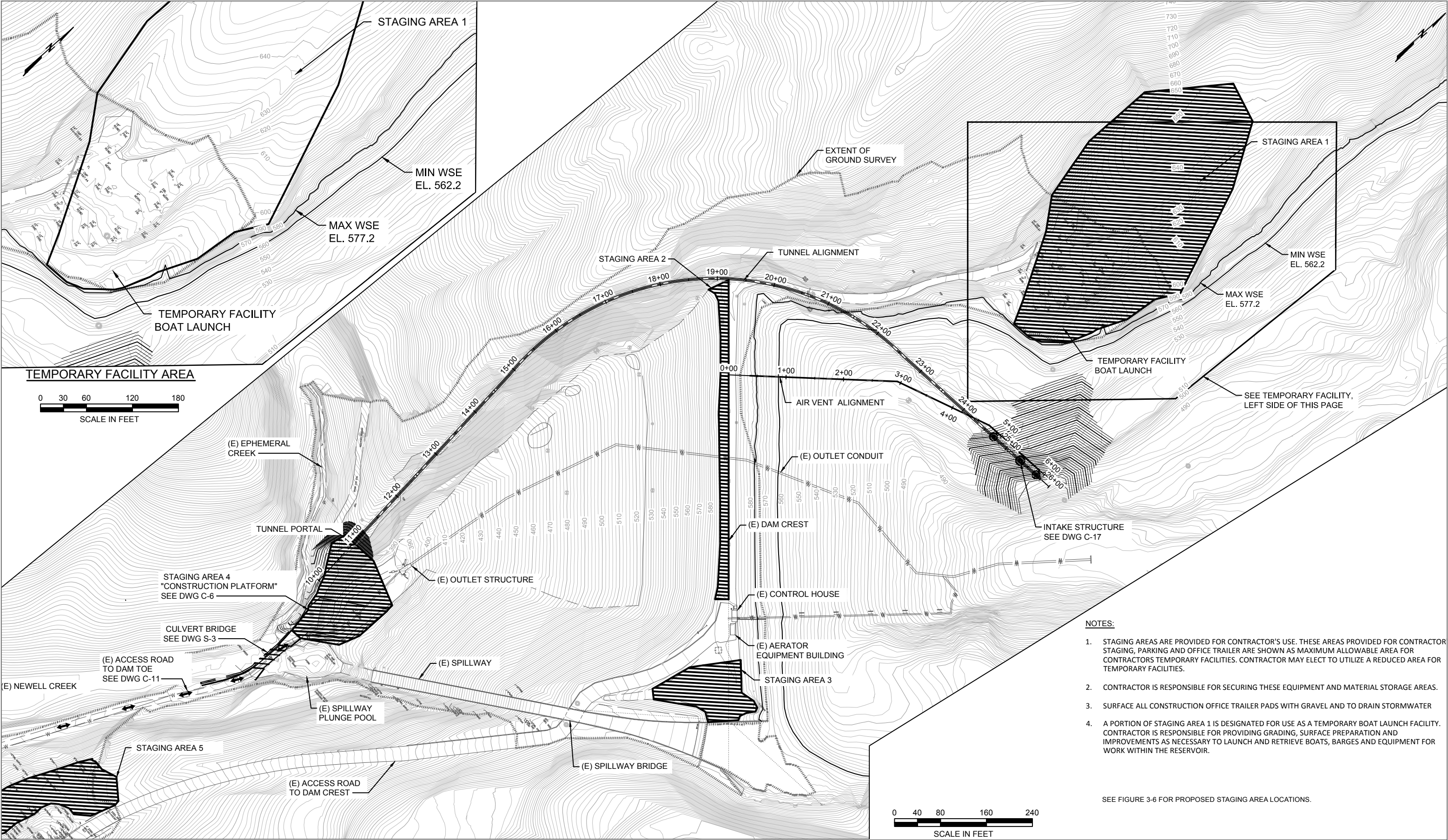


FIGURE 3-4

## Project Overview

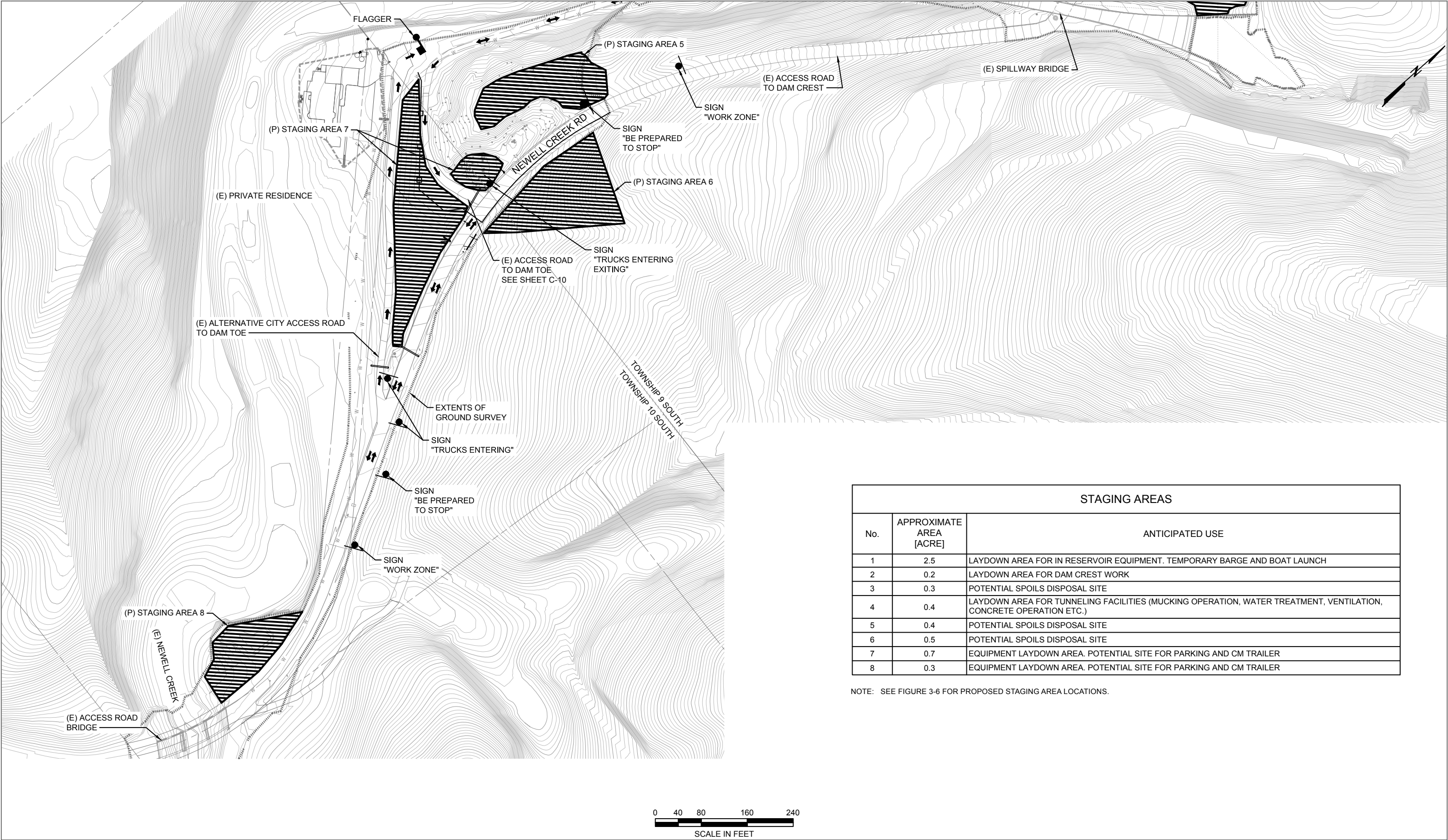
Newell Creek Dam Inlet/Outlet Replacement Project





SOURCE: AECOM 2018  
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION

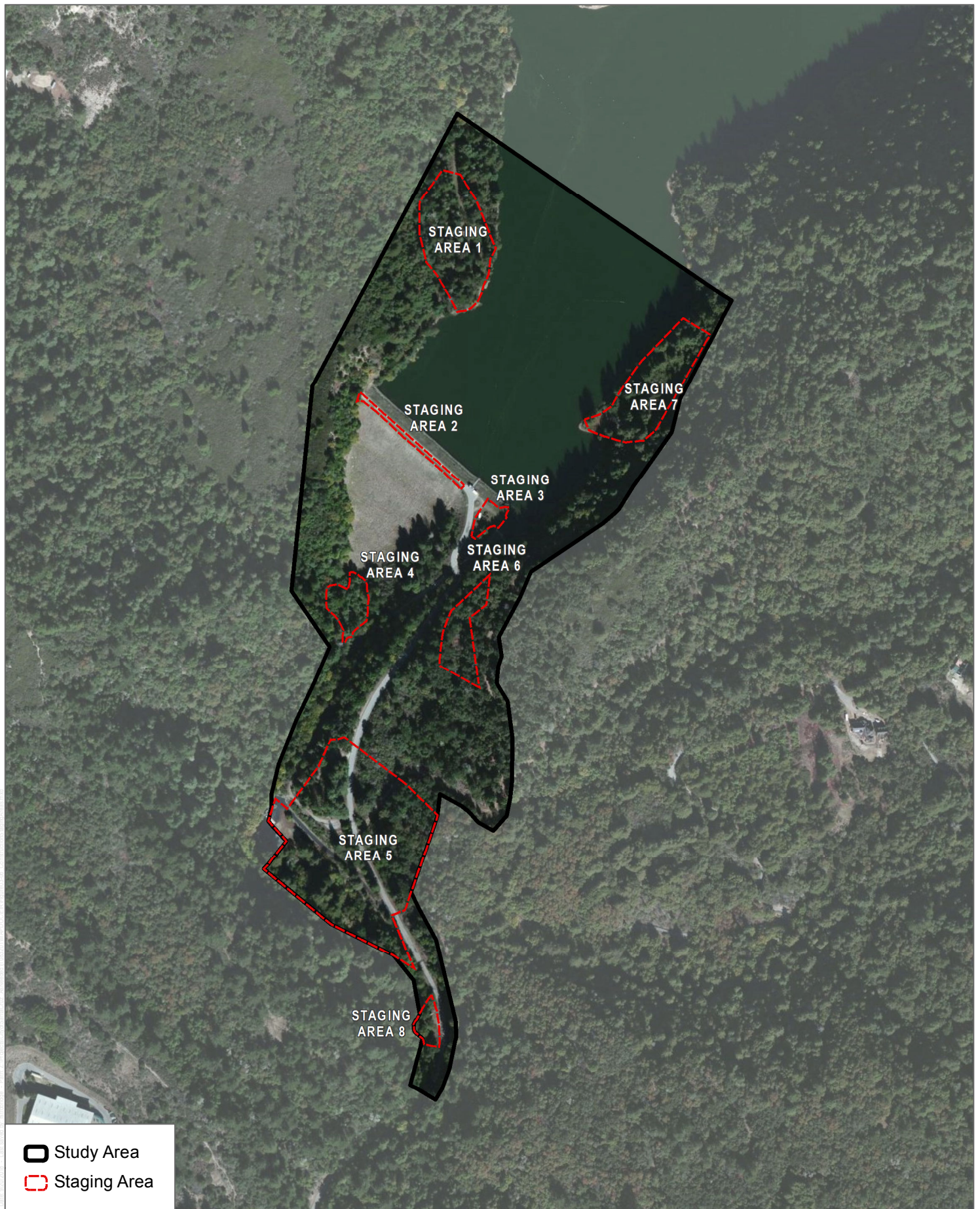




STAGING AREAS		
No.	APPROXIMATE AREA [ACRE]	ANTICIPATED USE
1	2.5	LAYDOWN AREA FOR IN RESERVOIR EQUIPMENT. TEMPORARY BARGE AND BOAT LAUNCH
2	0.2	LAYDOWN AREA FOR DAM CREST WORK
3	0.3	POTENTIAL SPOILS DISPOSAL SITE
4	0.4	LAYDOWN AREA FOR TUNNELING FACILITIES (MUCKING OPERATION, WATER TREATMENT, VENTILATION, CONCRETE OPERATION ETC.)
5	0.4	POTENTIAL SPOILS DISPOSAL SITE
6	0.5	POTENTIAL SPOILS DISPOSAL SITE
7	0.7	EQUIPMENT LAYDOWN AREA. POTENTIAL SITE FOR PARKING AND CM TRAILER
8	0.3	EQUIPMENT LAYDOWN AREA. POTENTIAL SITE FOR PARKING AND CM TRAILER

NOTE: SEE FIGURE 3-6 FOR PROPOSED STAGING AREA LOCATIONS.

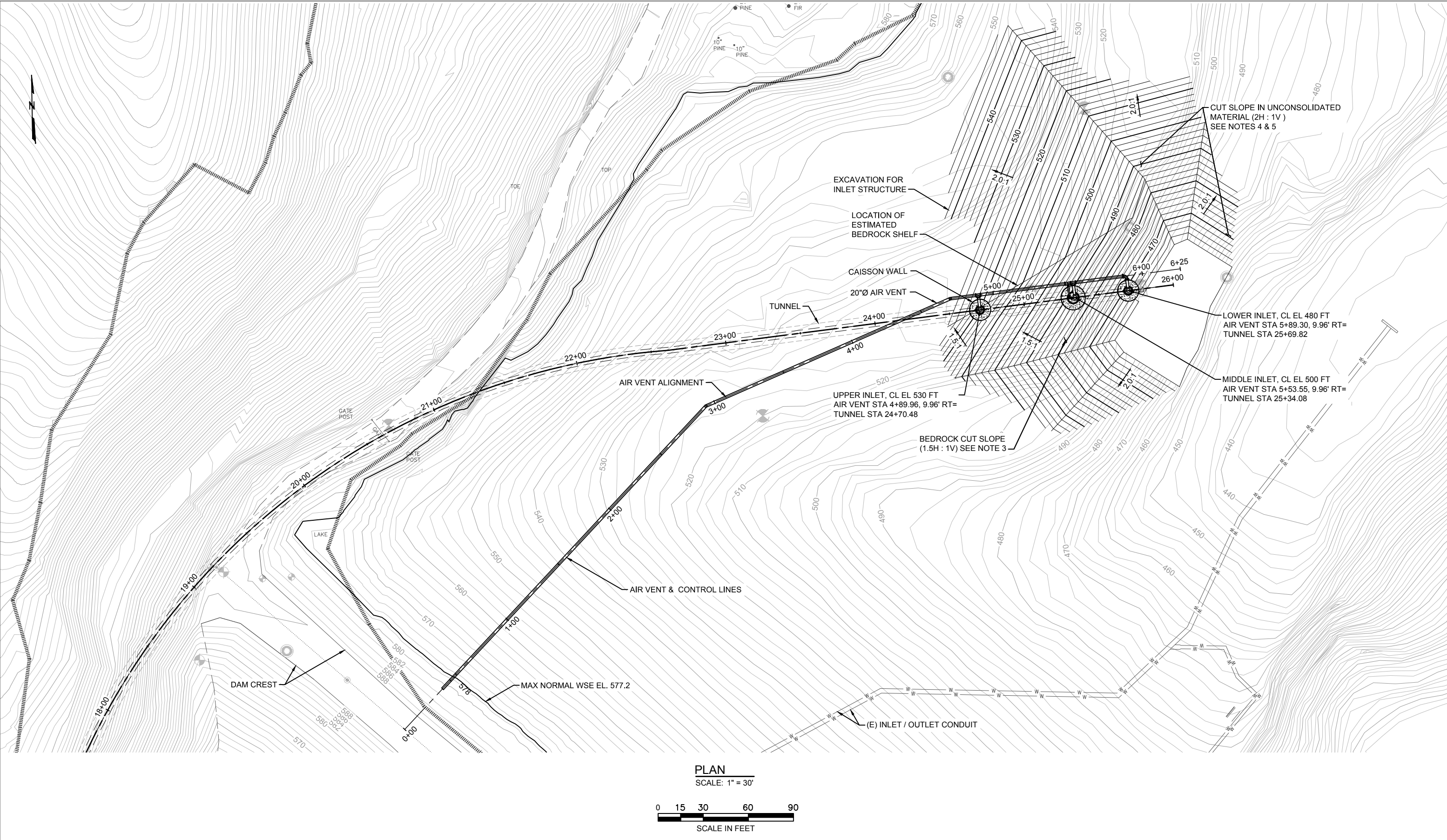




SOURCE: Bing Maps 2018

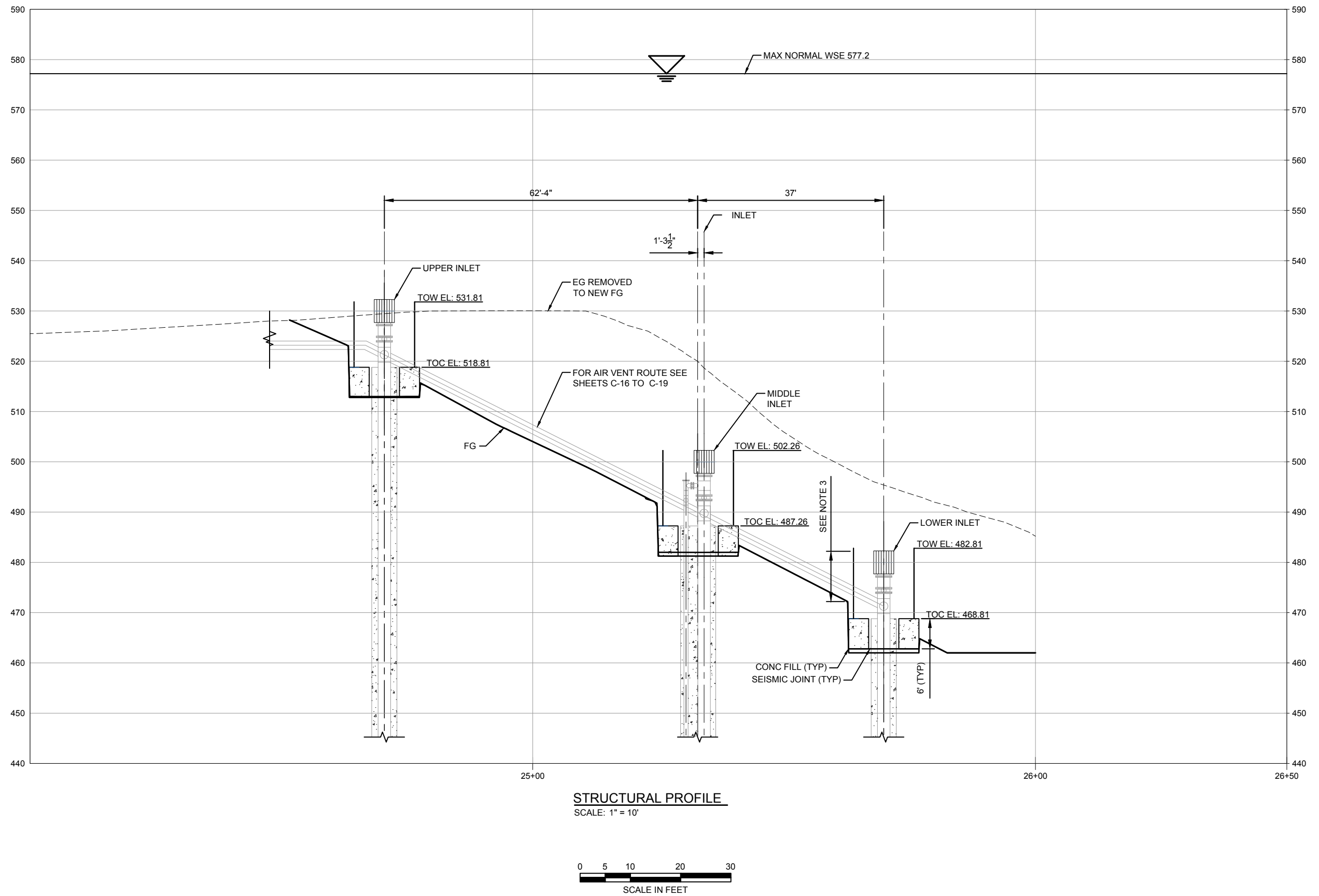
**FIGURE 3-6**  
**Construction Staging Areas**  
Newell Creek Inlet/Outlet Replacement Project





SOURCE: AECOM 2018  
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION



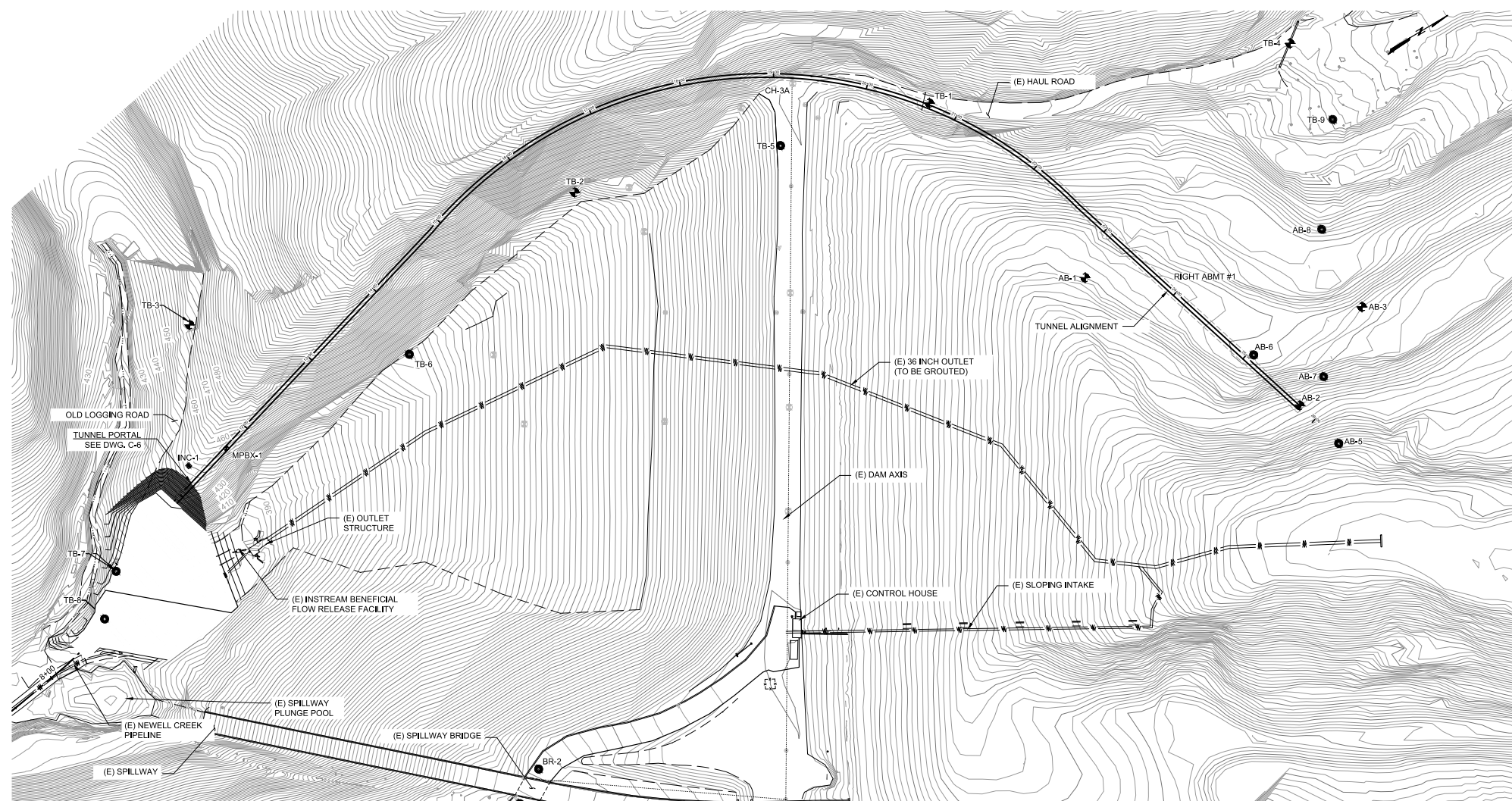
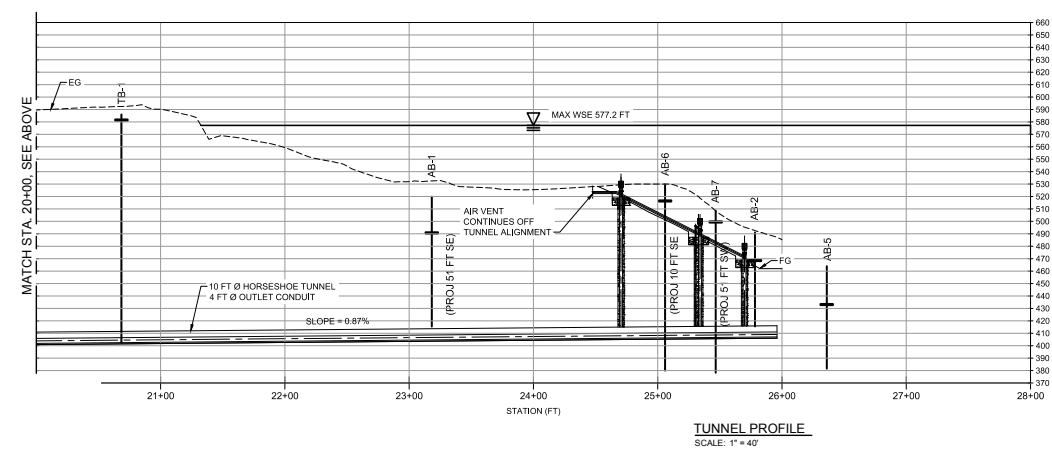
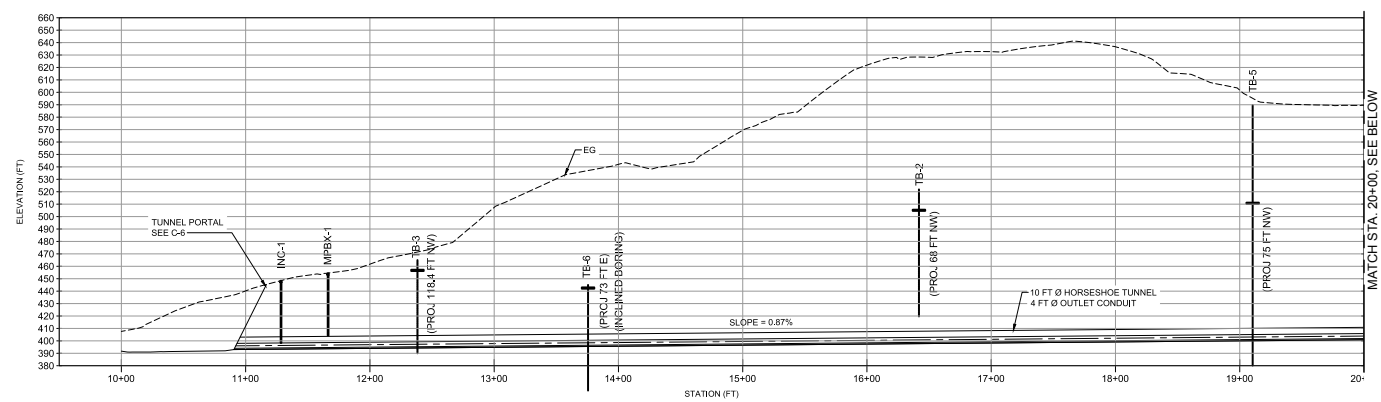


SOURCE: AECOM 2018  
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION

**DUDEK**

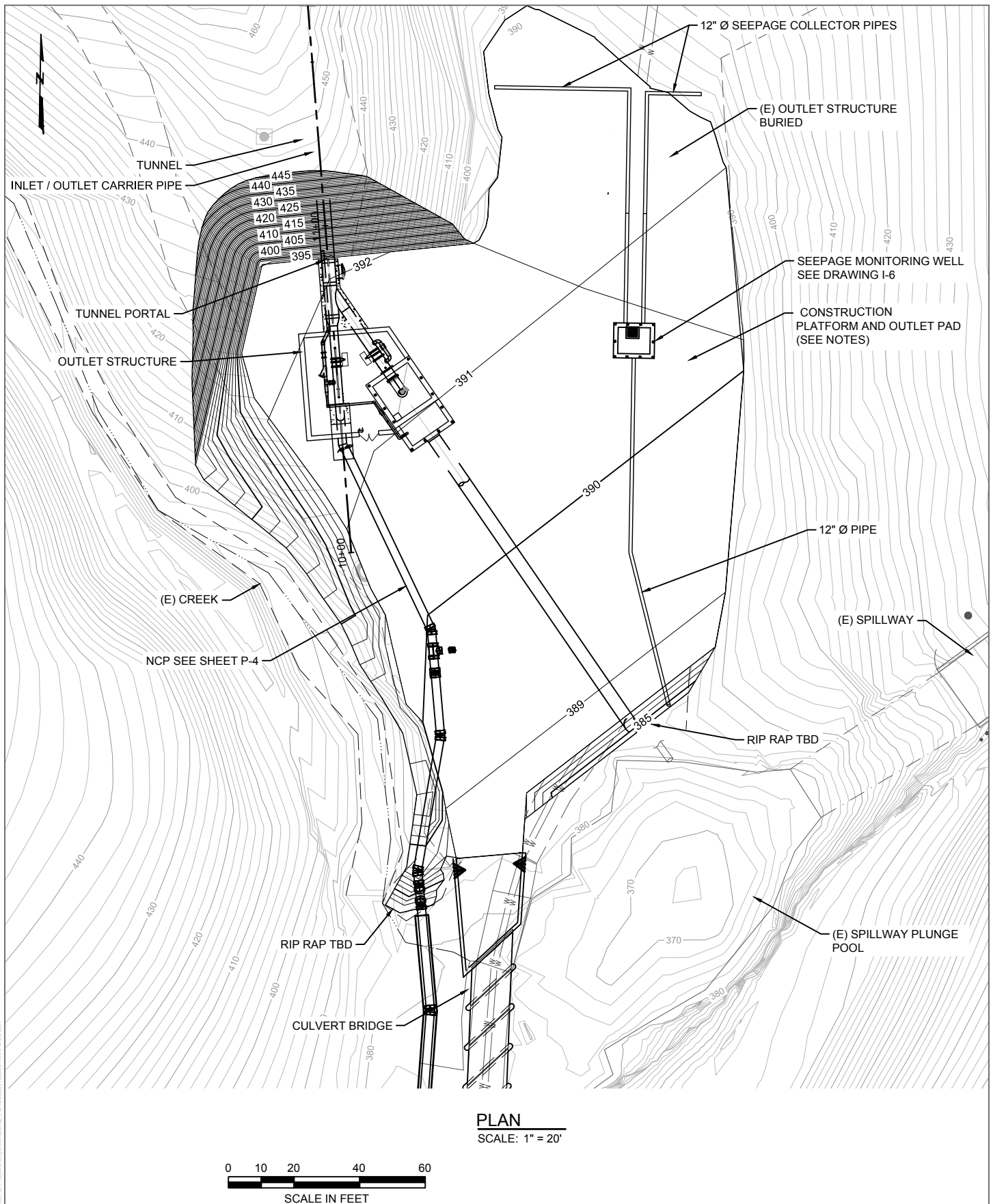
**FIGURE 3-8**  
**Intake Structure Profile**  
Newell Creek Dam Inlet/Outlet Replacement Project





**TUNNEL PLAN**  
SCALE: 1" = 100'





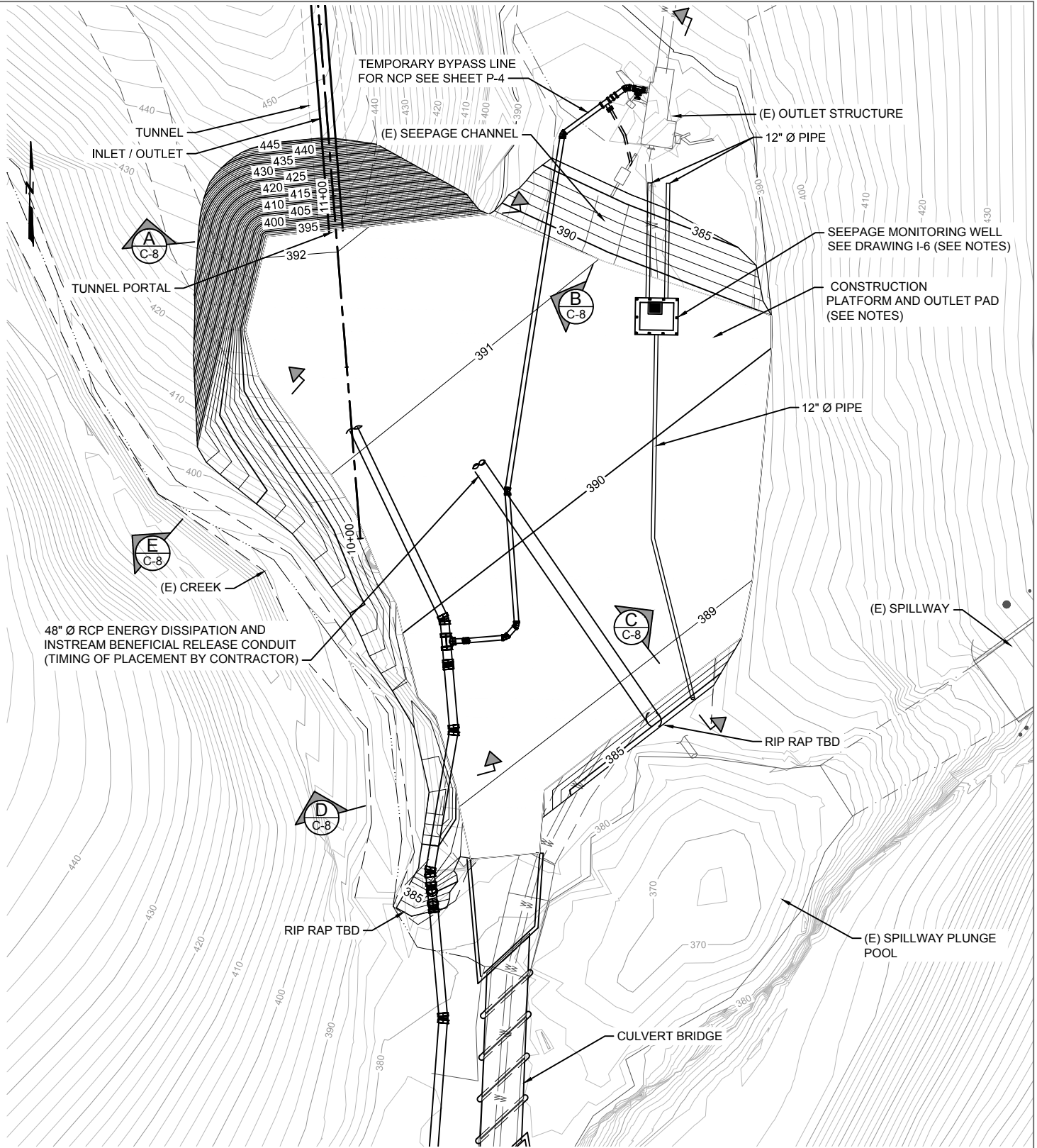
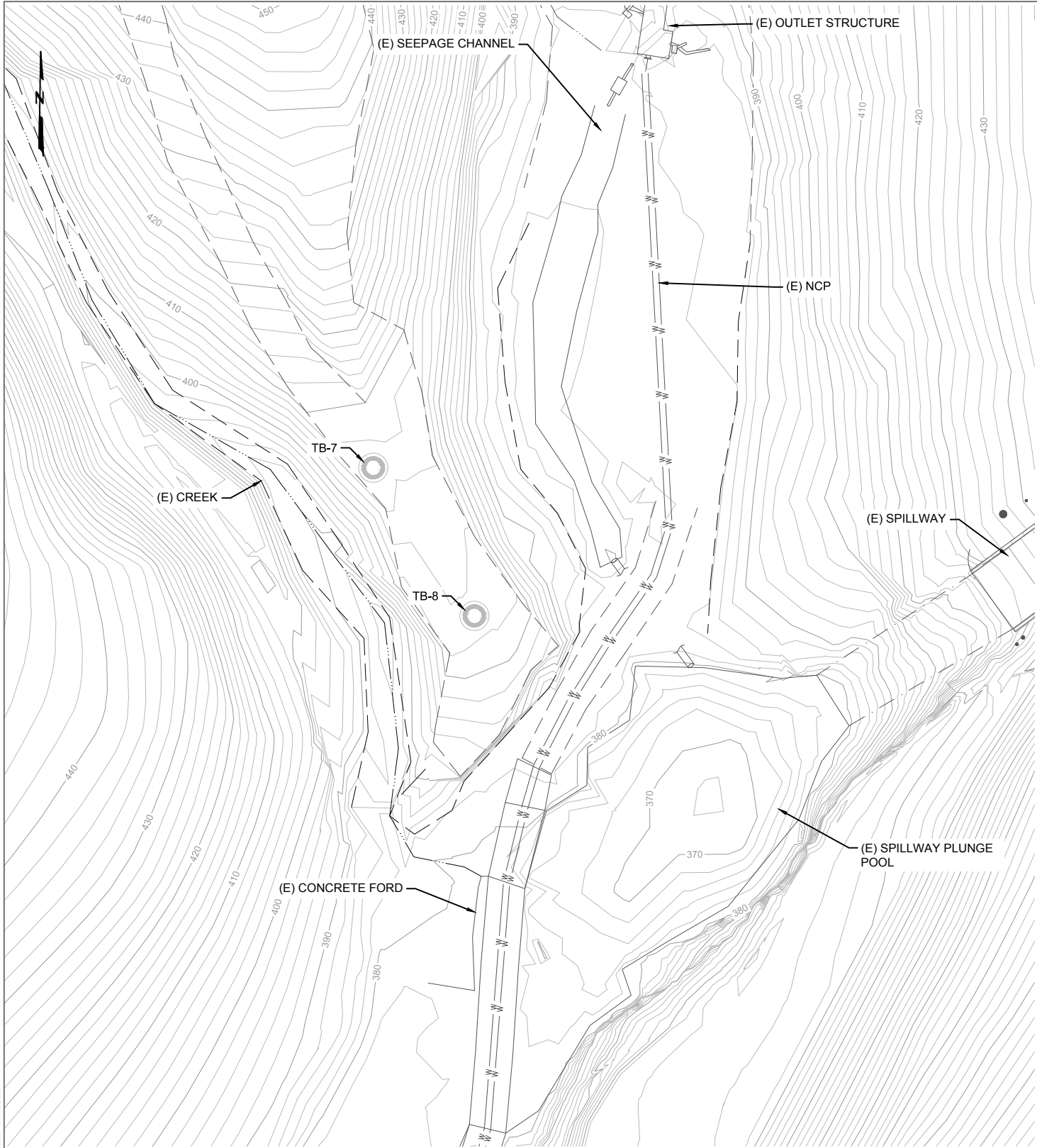
SOURCE: AECOM 2018  
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION

**DUDEK**

**FIGURE 3-10**

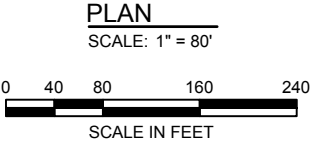
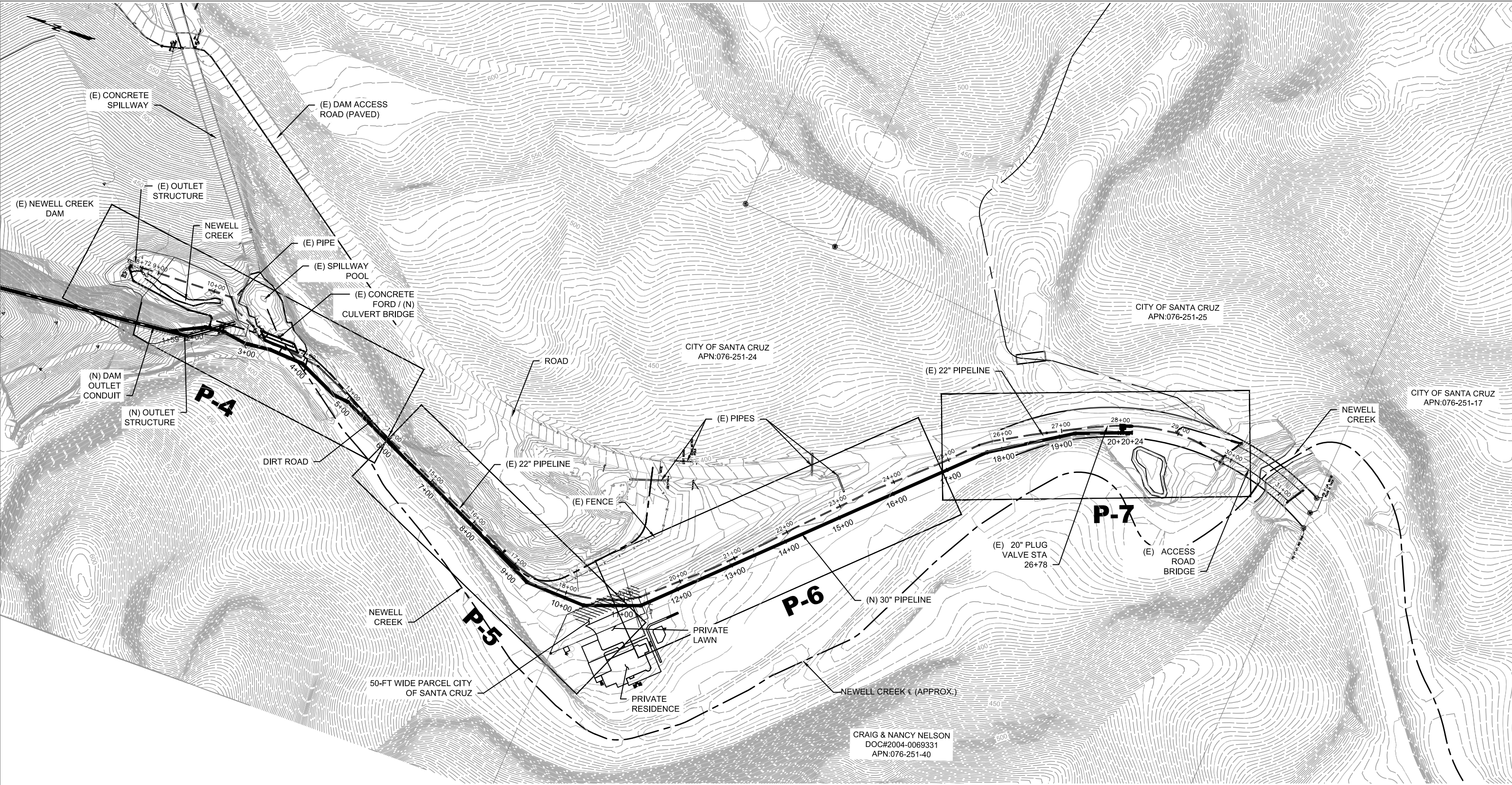
**Tunnel Portal and Outlet Structure Site Plan**  
Newell Creek Dam Inlet/Outlet Replacement Project





SOURCE: AECOM 2018  
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION



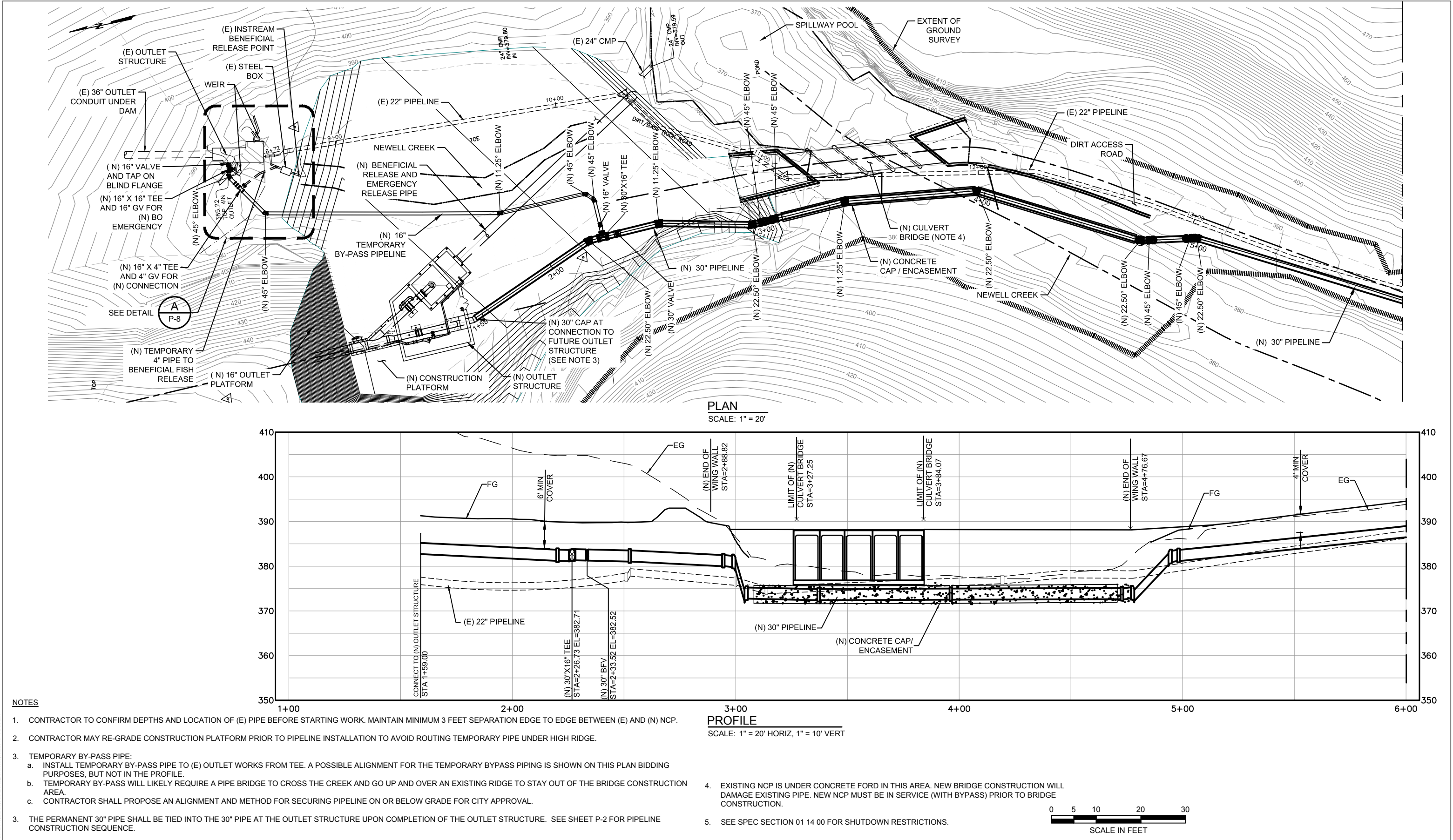


SOURCE: AECOM 2018  
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION

DUDEK

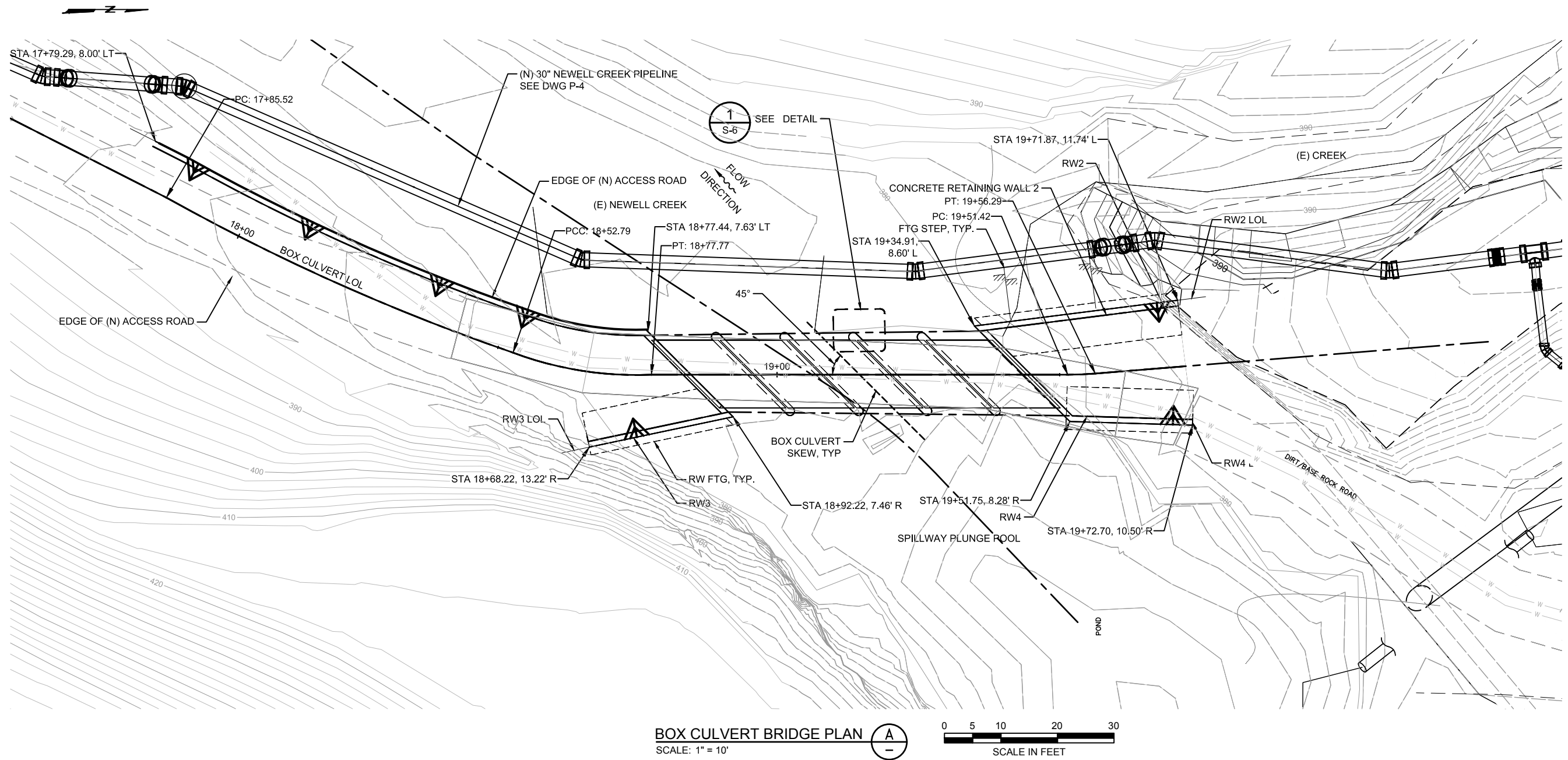
FIGURE 3-12  
Newell Creek Pipeline Proposed Replacement Alignment  
Newell Creek Dam Inlet/Outlet Replacement Project





SOURCE: AECOM 2018  
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION

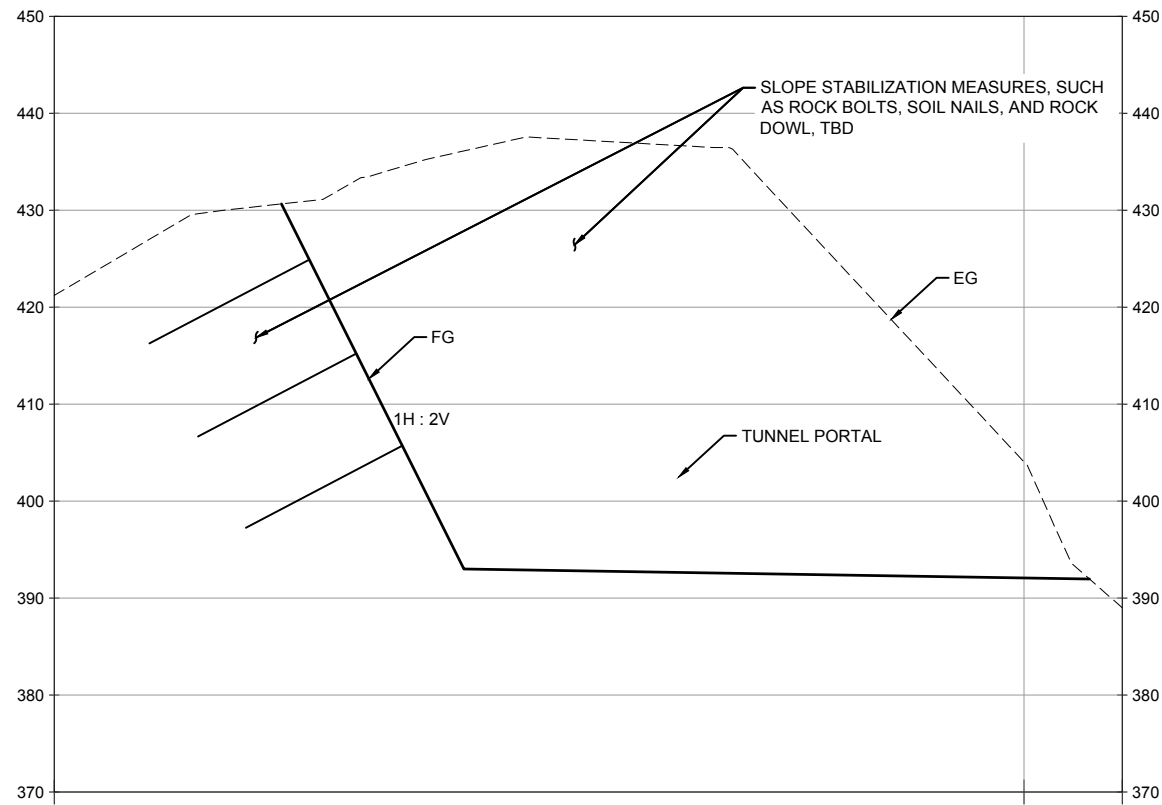




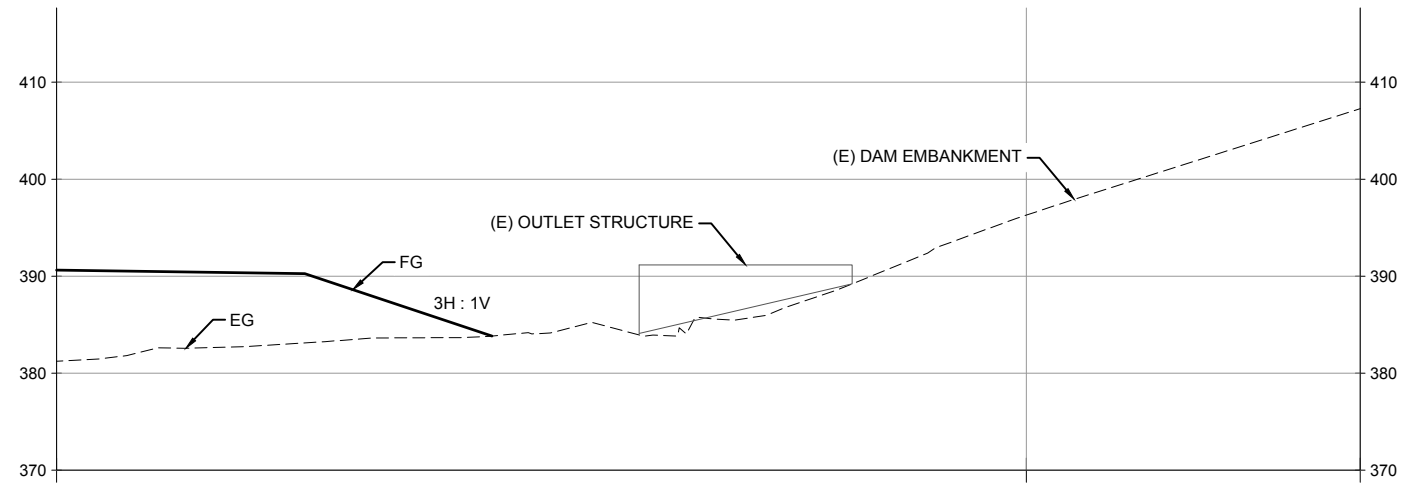
SOURCE: AECOM 2018  
 NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION



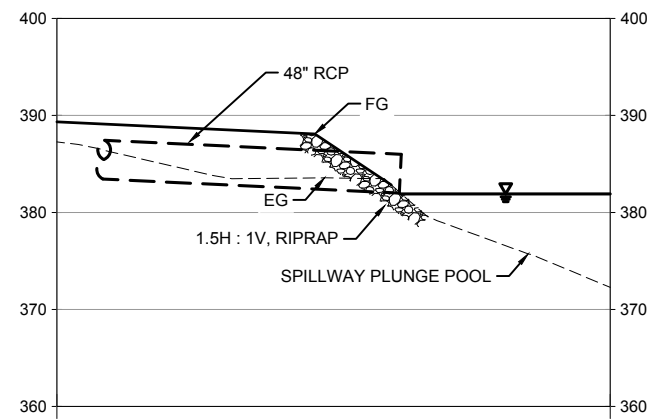
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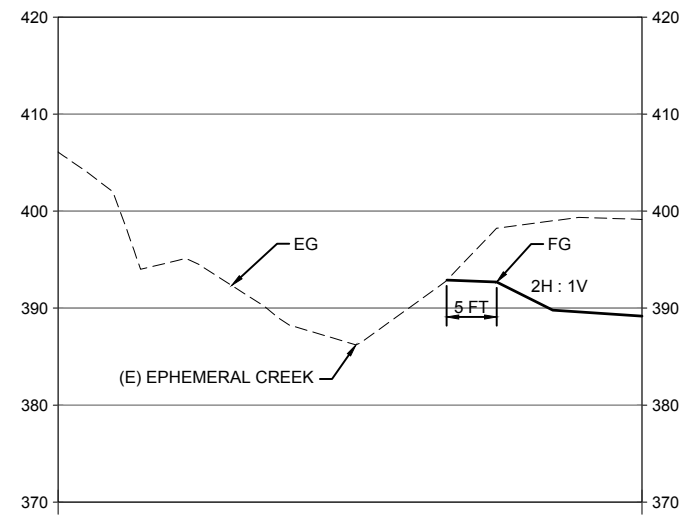
SECTION A  
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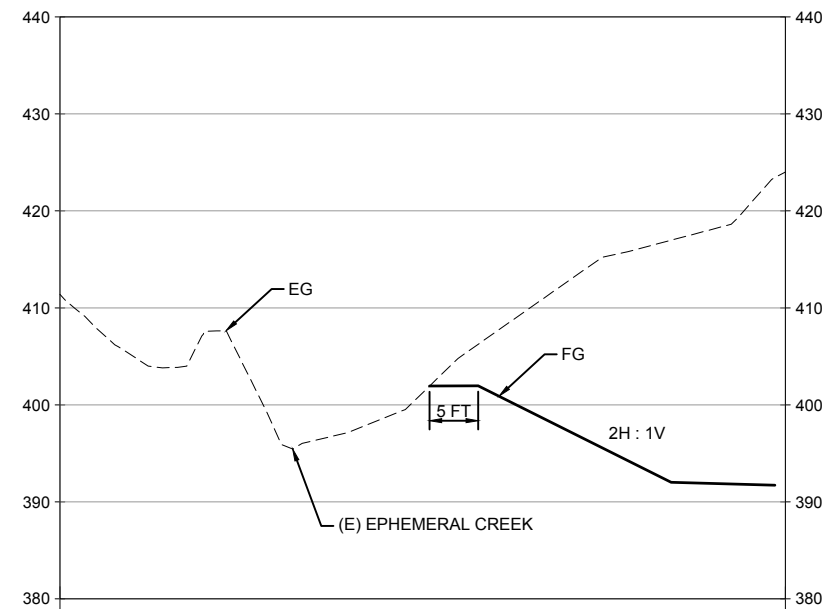
SECTION B  
SCALE: 1" = 10'



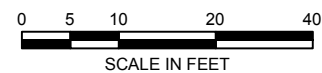
SECTION C  
SCALE: 1" = 10'



SECTION D  
SCALE: 1" = 10'

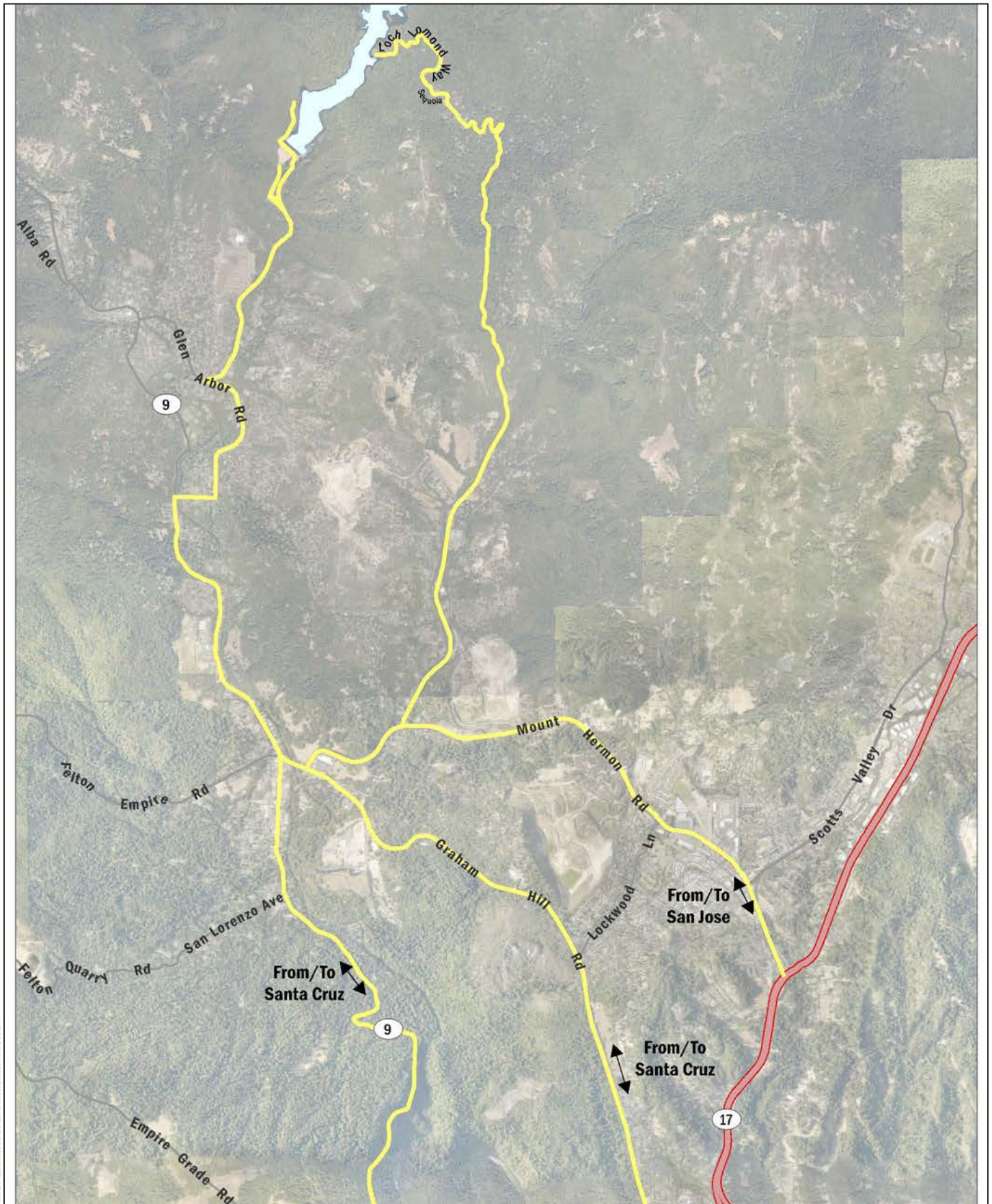


SECTION E  
SCALE: 1" = 10'



SOURCE: AECOM 2018  
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION





SOURCE: AECOM 2018

**FIGURE 3-16**

**Construction Access Routes**

Newell Creek Dam Inlet/Outlet Replacement Project