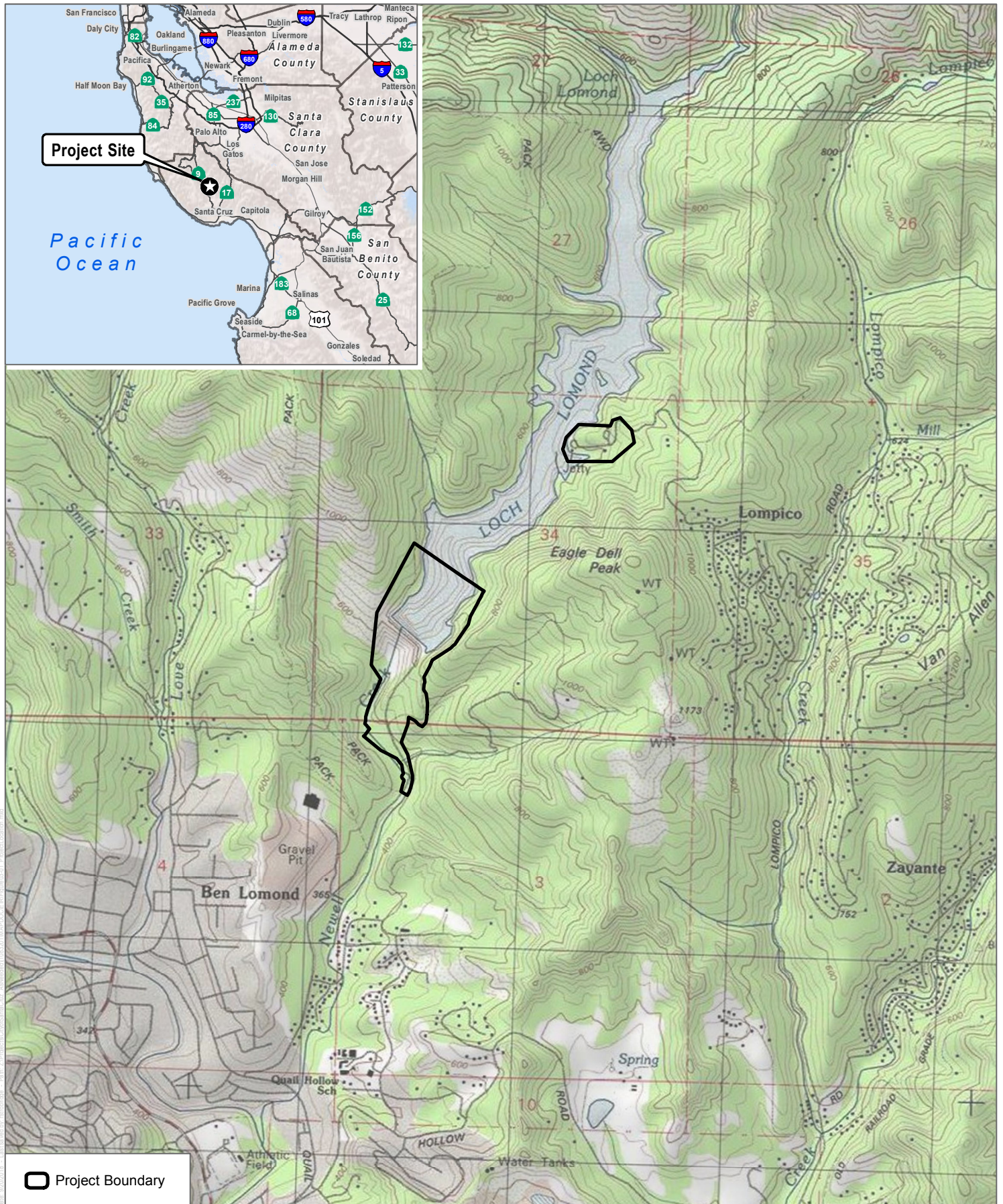


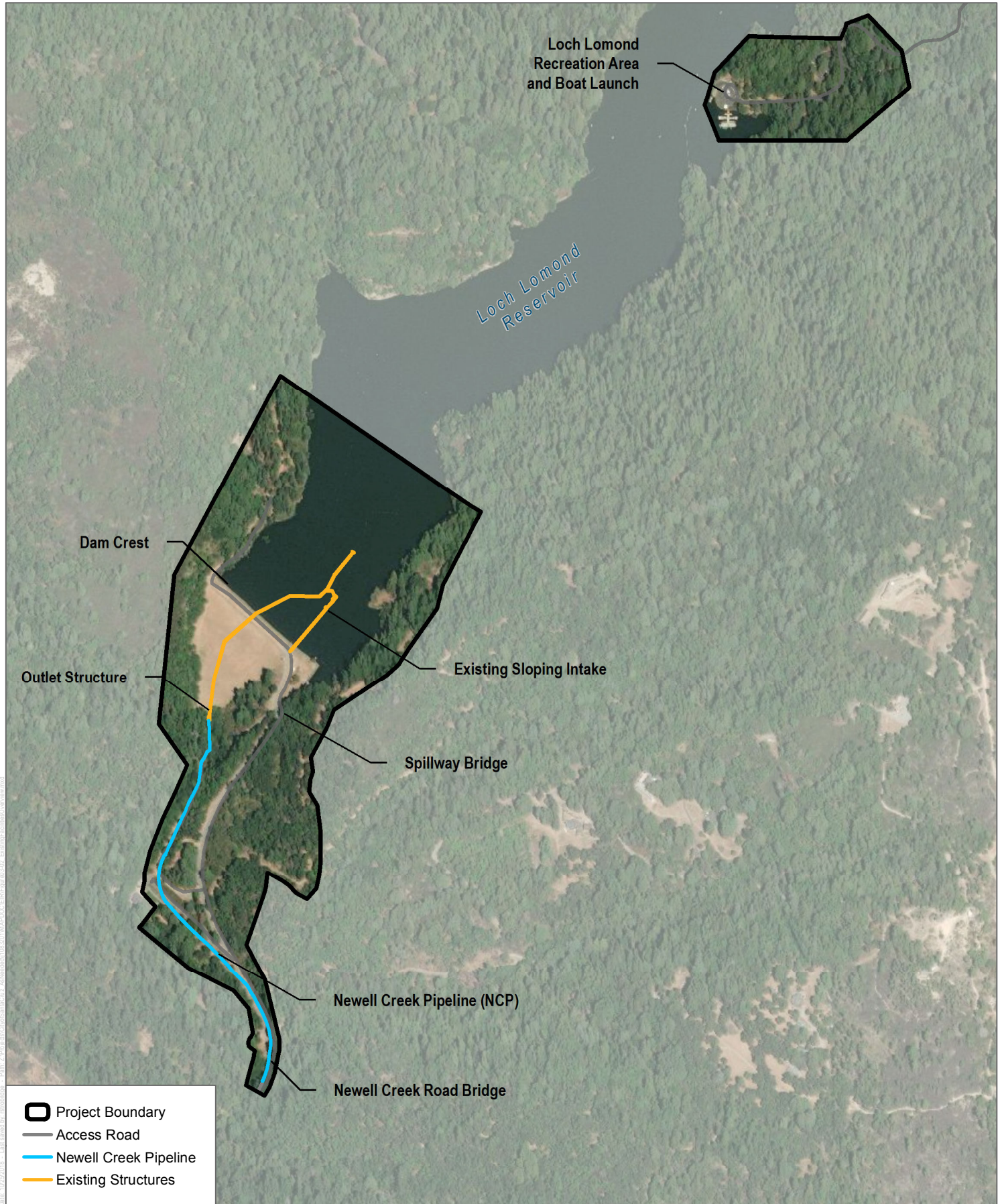


SOURCE: USGS 7.5-Minute Series Felton Quadrangle
Township 9S, 10S; Range 2W; Sections 3, 34

FIGURE 3-1

Project Location

Newell Creek Dam Inlet/Outlet Replacement Project



SOURCE: Bing Maps 2018



SOURCE: Bing Maps 2018

DUDEK



0 550 1,100 Feet

FIGURE 3-3

Area of Potential Effect

Newell Creek Dam Inlet/Outlet Replacement Project

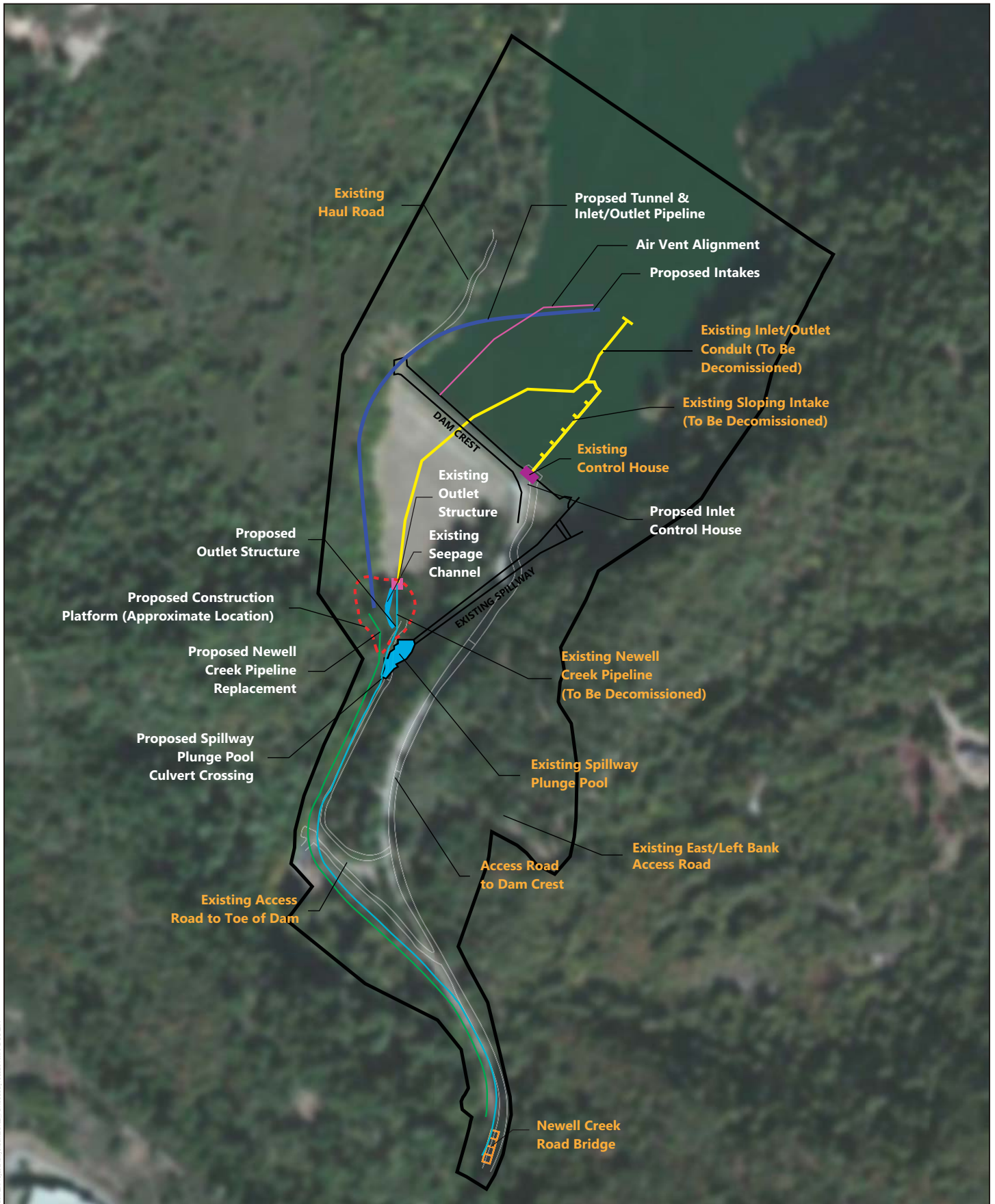
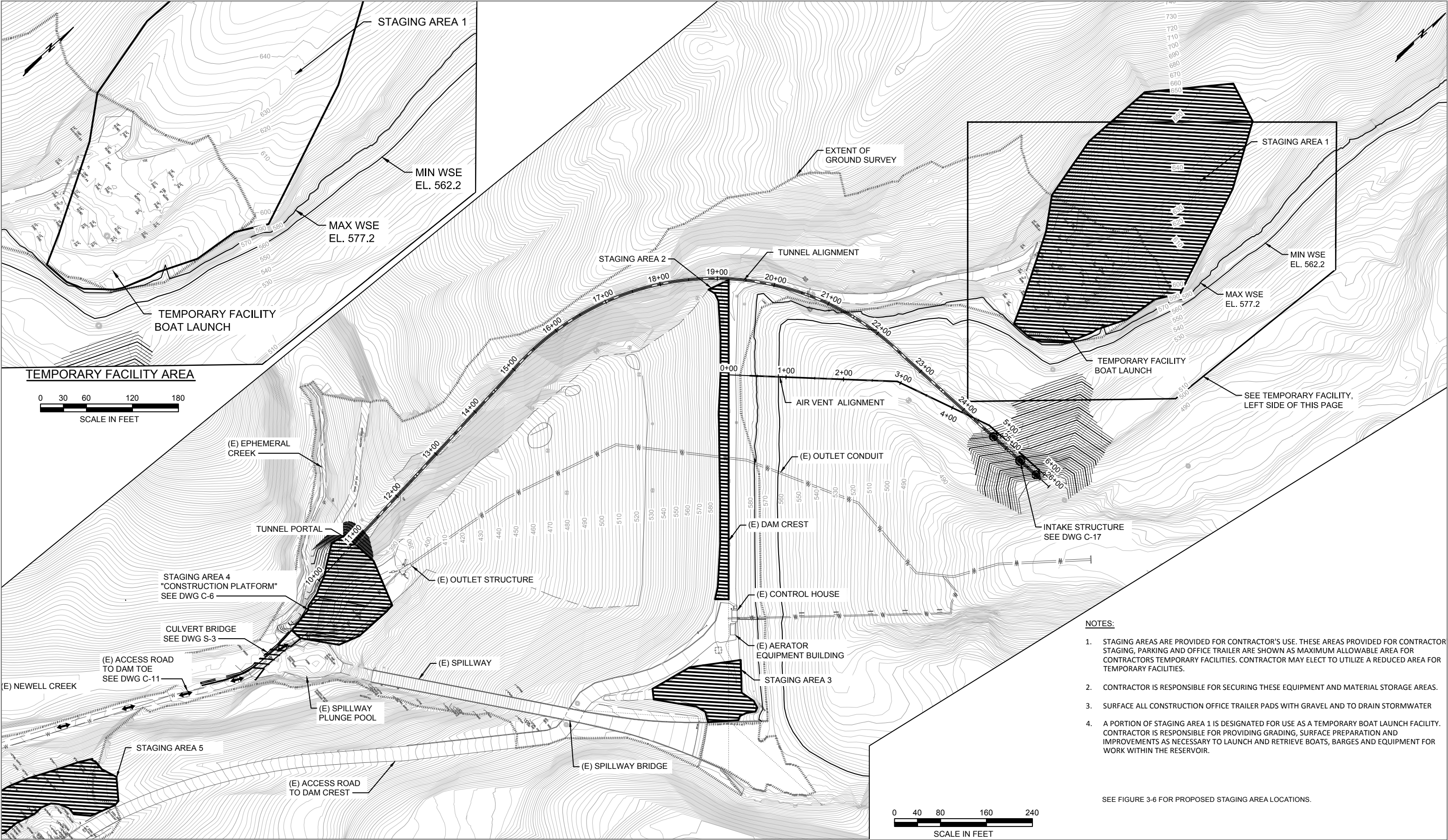


FIGURE 3-4

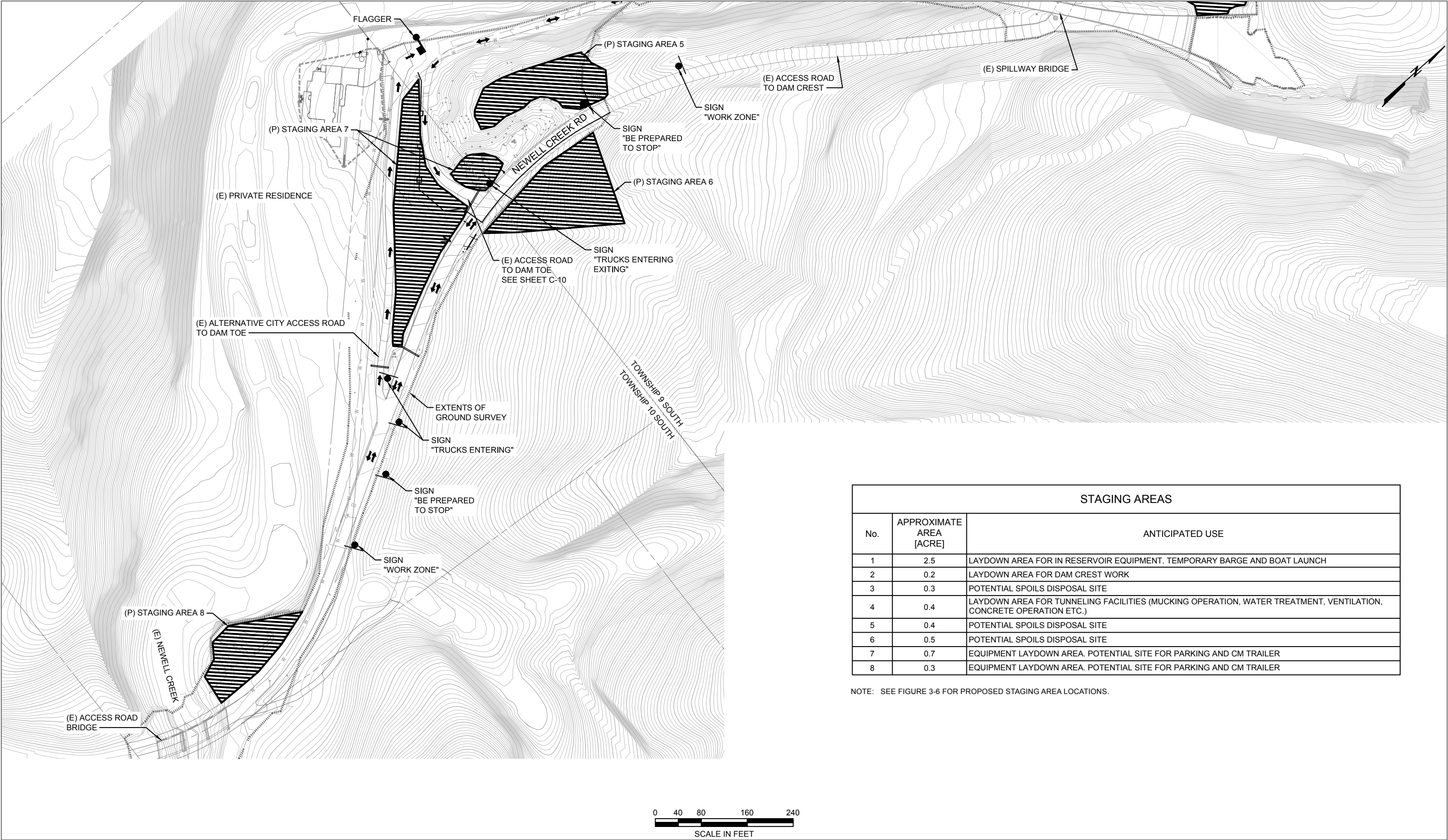
Project Overview

Newell Creek Dam Inlet/Outlet Replacement Project



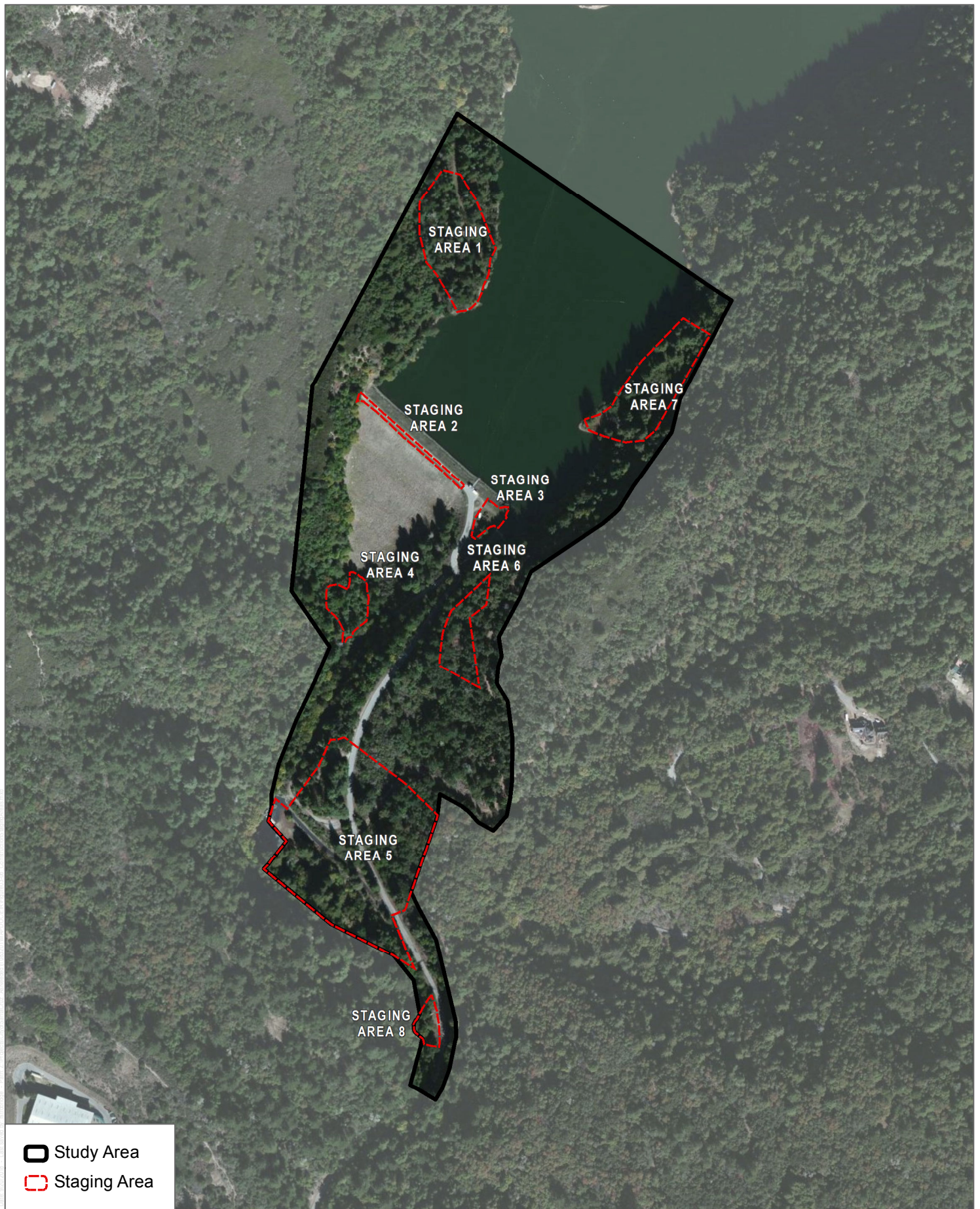
- NOTES:
1. STAGING AREAS ARE PROVIDED FOR CONTRACTOR'S USE. THESE AREAS PROVIDED FOR CONTRACTOR STAGING, PARKING AND OFFICE TRAILER ARE SHOWN AS MAXIMUM ALLOWABLE AREA FOR CONTRACTORS TEMPORARY FACILITIES. CONTRACTOR MAY ELECT TO UTILIZE A REDUCED AREA FOR TEMPORARY FACILITIES.
 2. CONTRACTOR IS RESPONSIBLE FOR SECURING THESE EQUIPMENT AND MATERIAL STORAGE AREAS.
 3. SURFACE ALL CONSTRUCTION OFFICE TRAILER PADS WITH GRAVEL AND TO DRAIN STORMWATER
 4. A PORTION OF STAGING AREA 1 IS DESIGNATED FOR USE AS A TEMPORARY BOAT LAUNCH FACILITY. CONTRACTOR IS RESPONSIBLE FOR PROVIDING GRADING, SURFACE PREPARATION AND IMPROVEMENTS AS NECESSARY TO LAUNCH AND RETRIEVE BOATS, BARGES AND EQUIPMENT FOR WORK WITHIN THE RESERVOIR.
- SEE FIGURE 3-6 FOR PROPOSED STAGING AREA LOCATIONS.

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



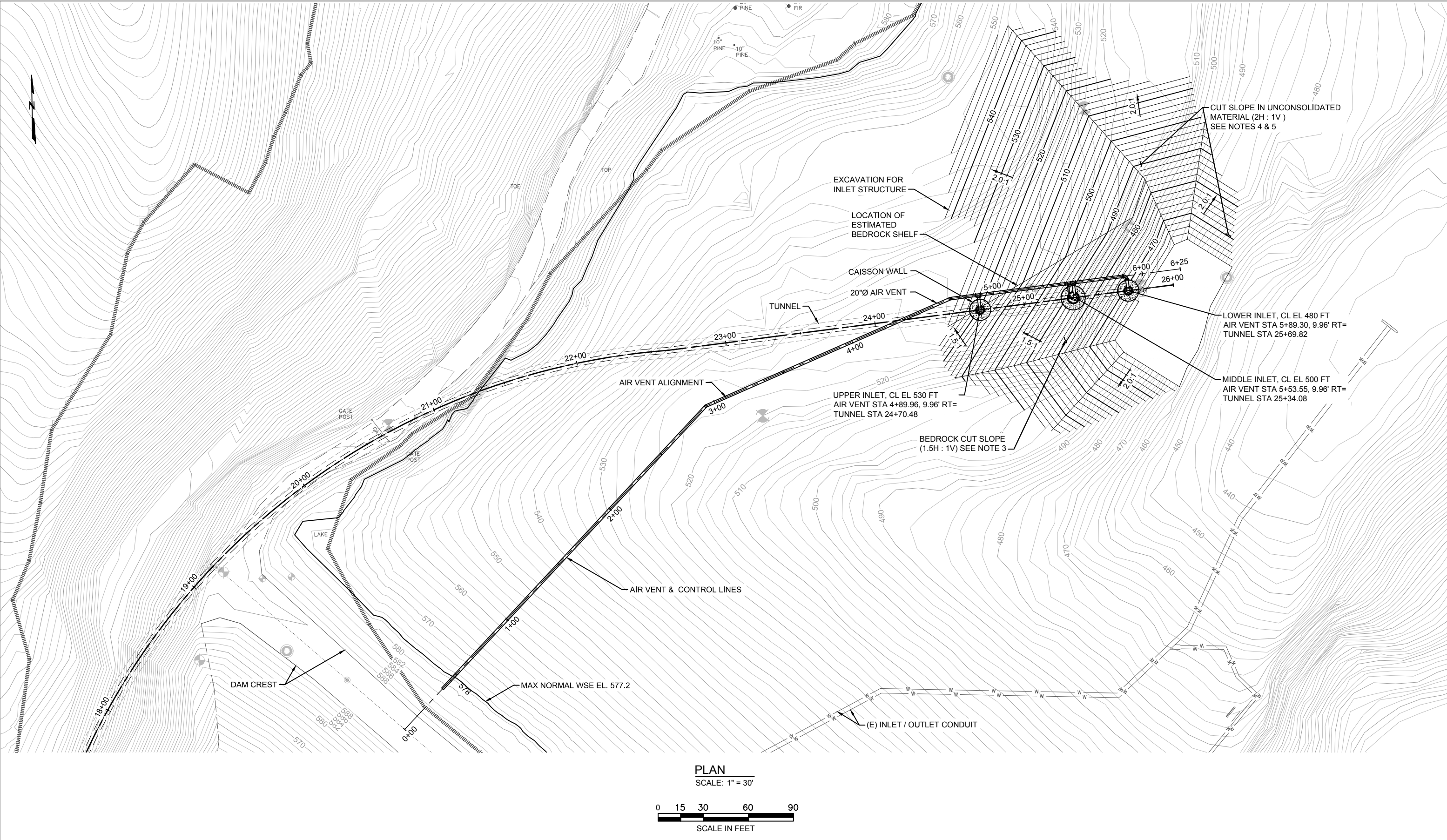
STAGING AREAS		
No.	APPROXIMATE AREA [ACRE]	ANTICIPATED USE
1	2.5	LAYDOWN AREA FOR IN RESERVOIR EQUIPMENT. TEMPORARY BARGE AND BOAT LAUNCH
2	0.2	LAYDOWN AREA FOR DAM CREST WORK
3	0.3	POTENTIAL SPOILS DISPOSAL SITE
4	0.4	LAYDOWN AREA FOR TUNNELING FACILITIES (MUCKING OPERATION, WATER TREATMENT, VENTILATION, 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.

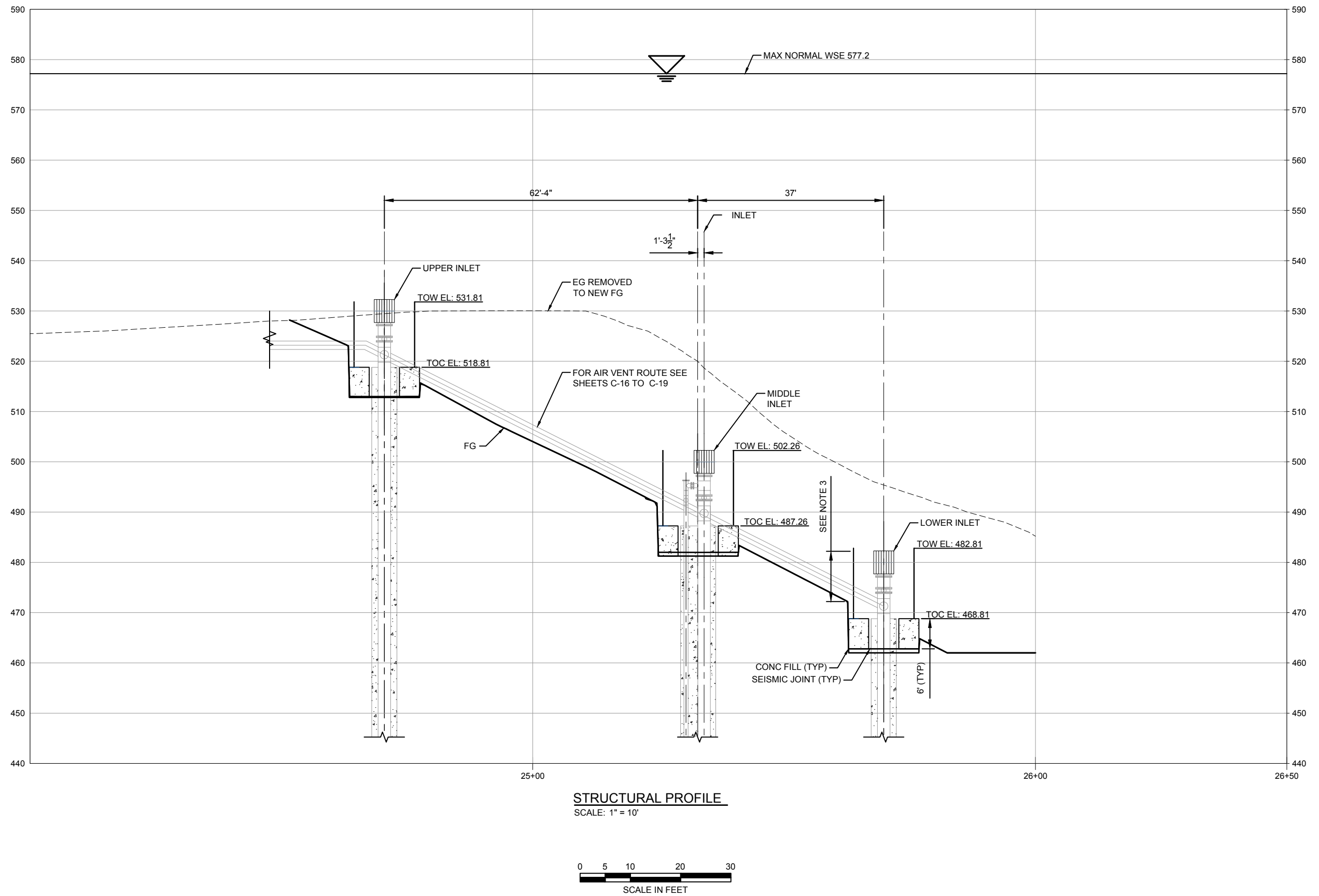


SOURCE: Bing Maps 2018

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



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

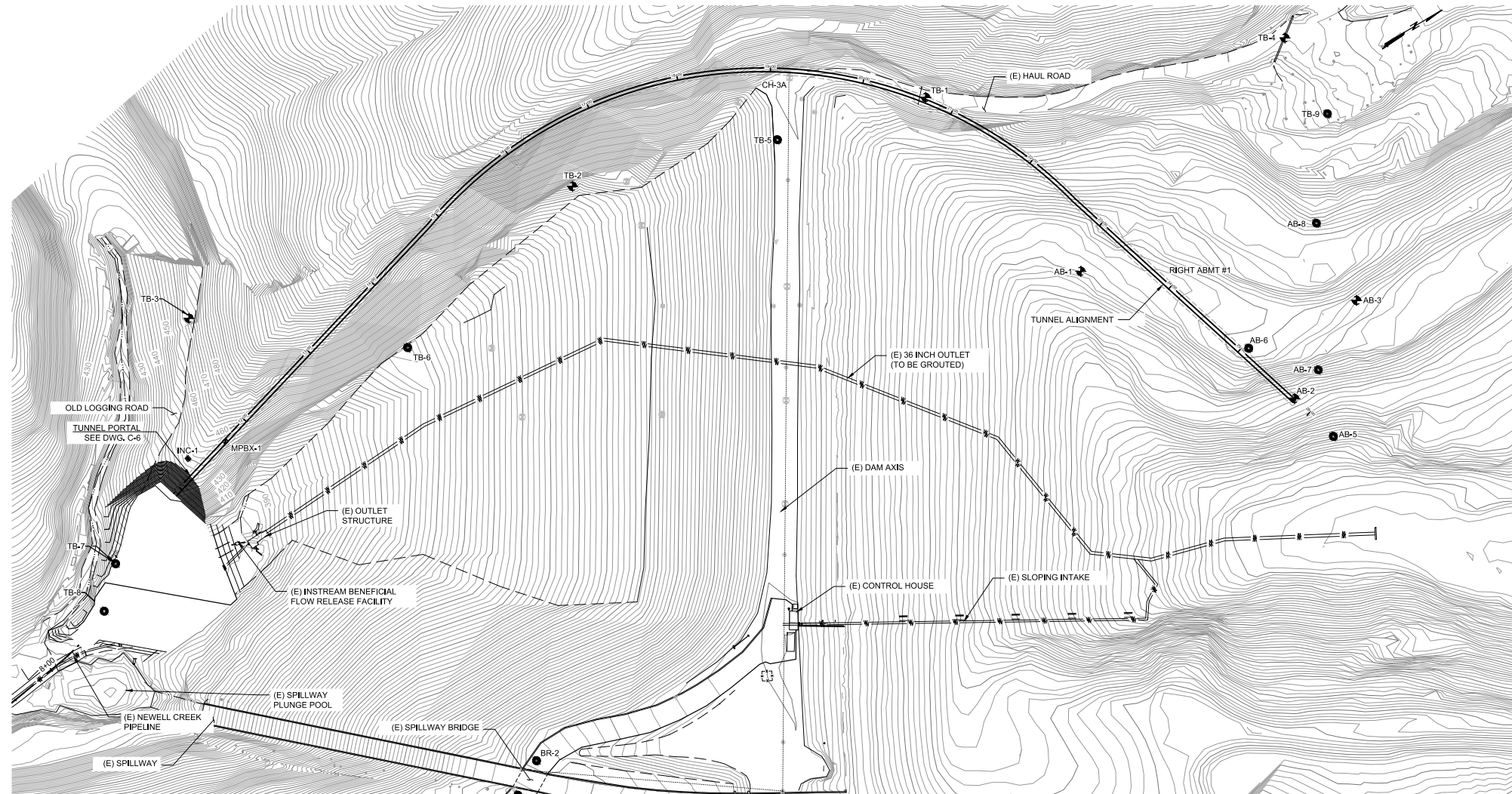
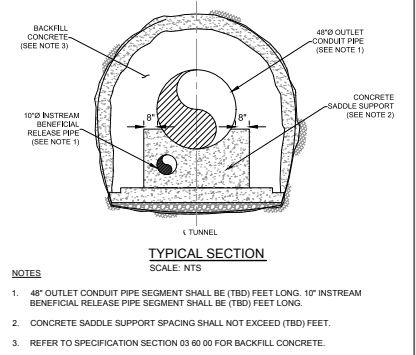
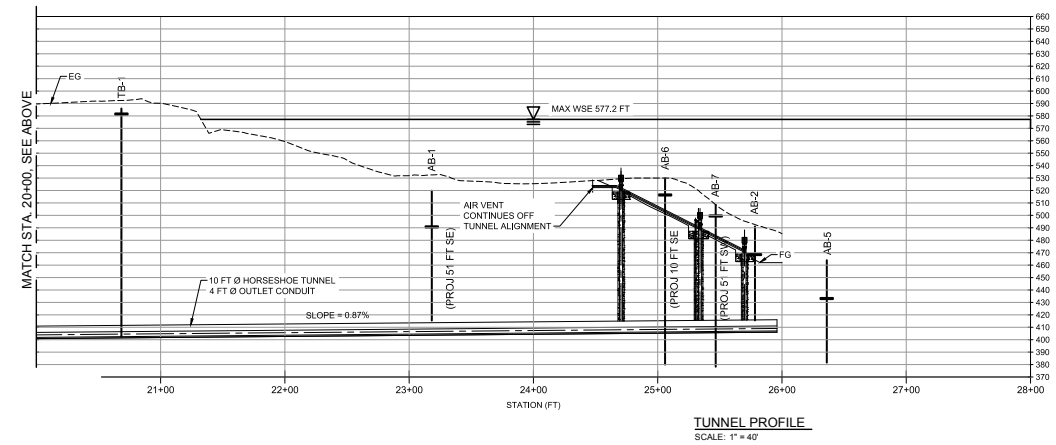
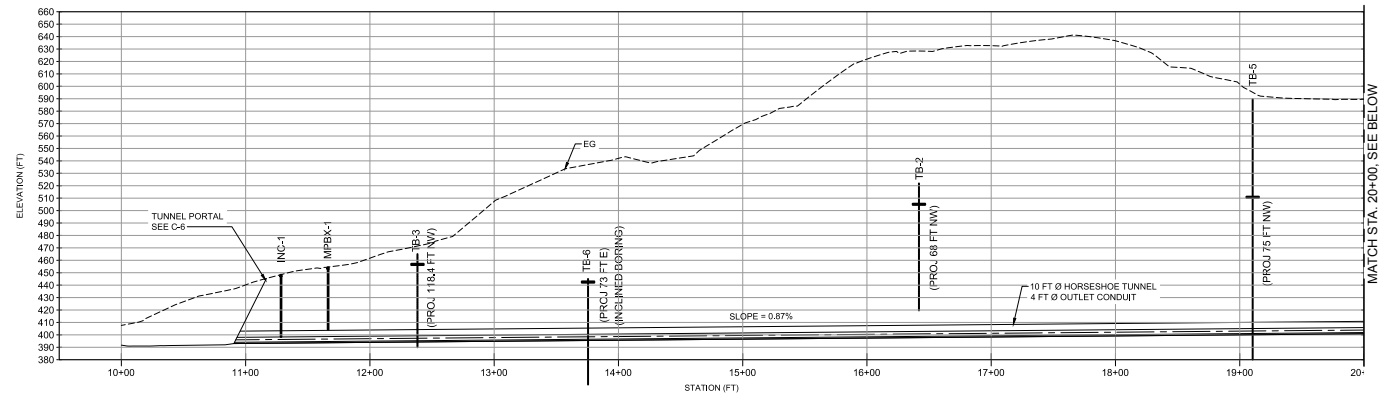


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SOURCE: AECOM 2018
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION

DUDEK

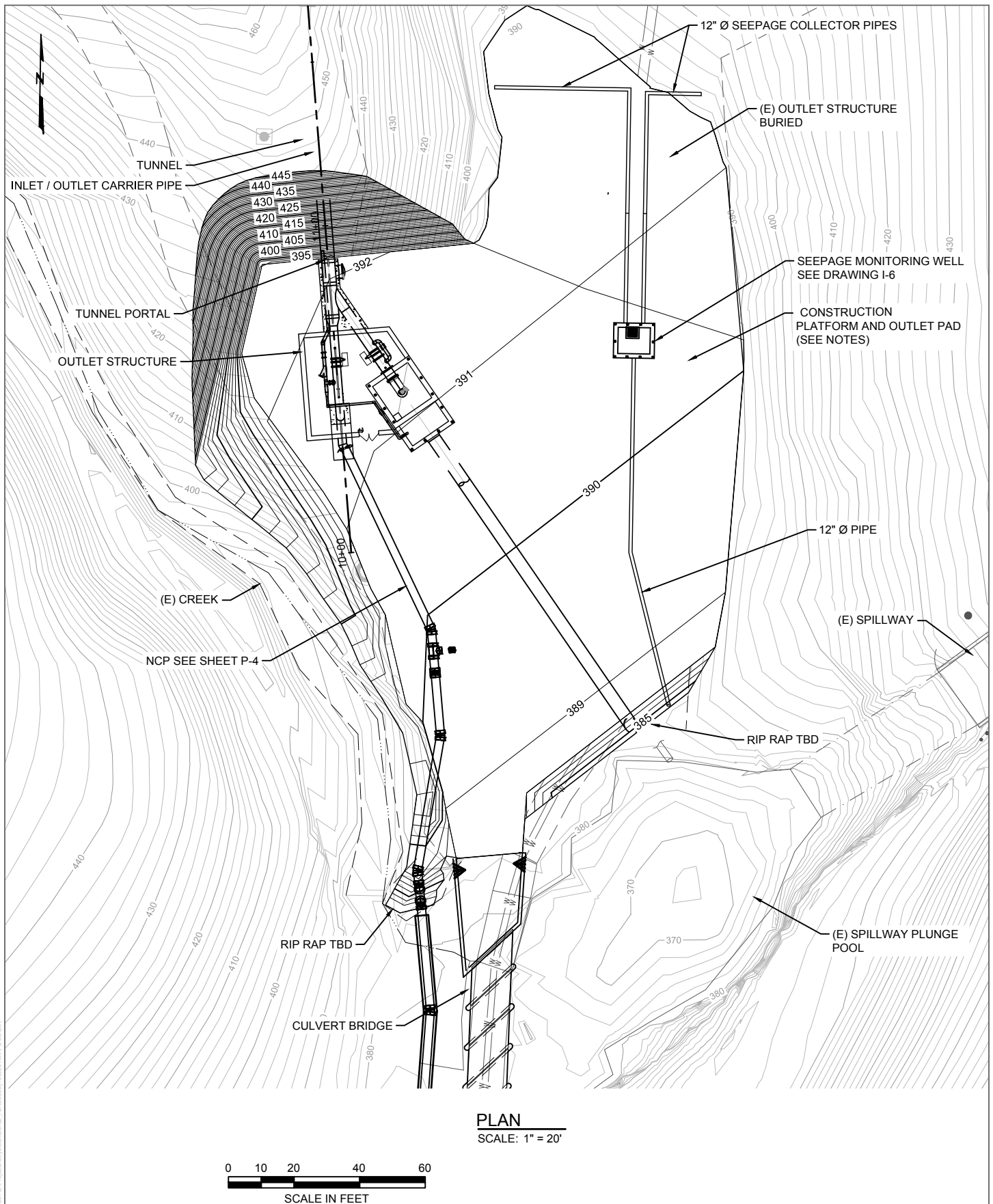
FIGURE 3-8
Intake Structure Profile
Newell Creek Dam Inlet/Outlet Replacement Project



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

DUDEK

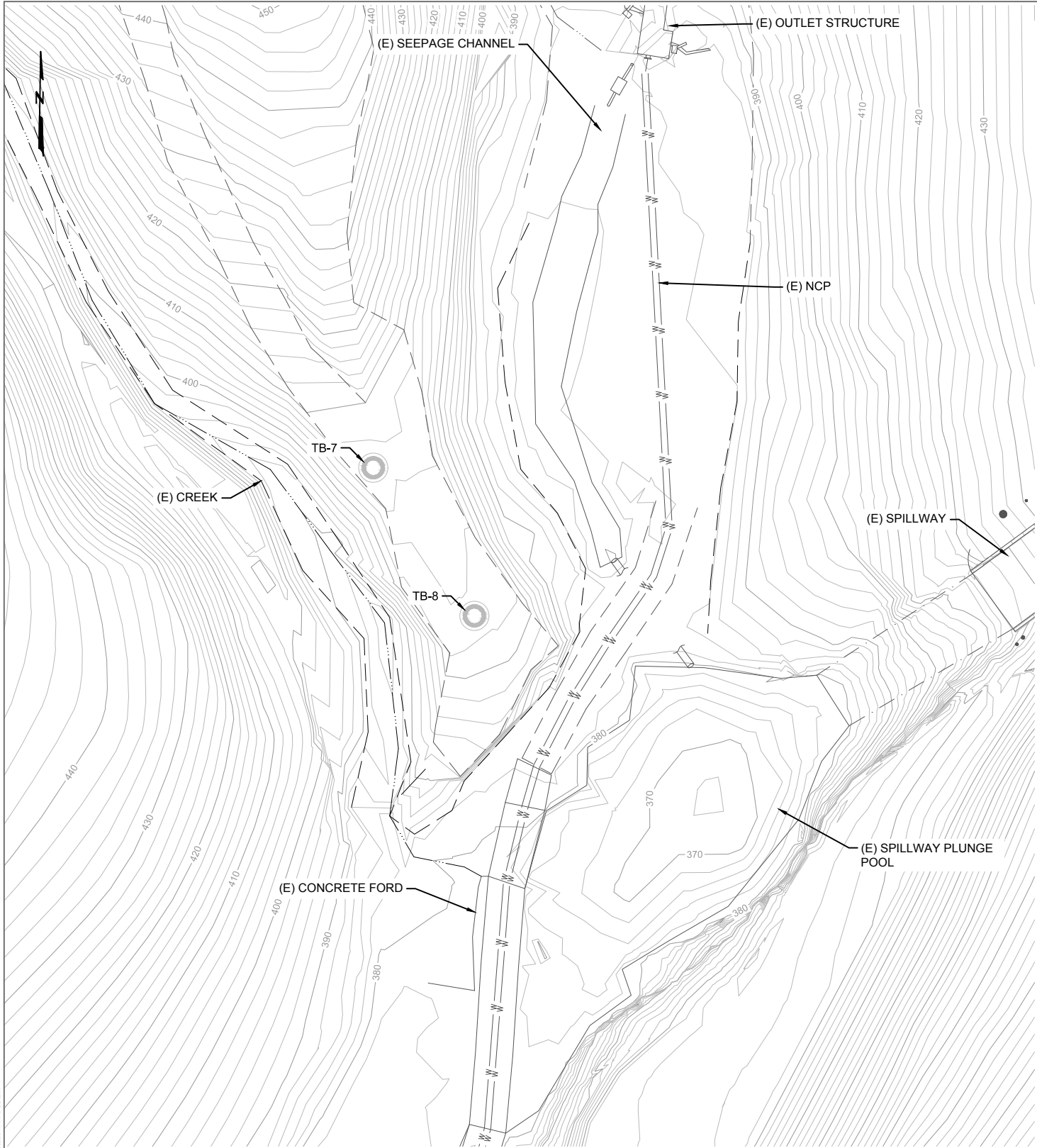
FIGURE 3-9
Tunnel Plan and Cross Section
Newell Creek Dam Inlet/Outlet Replacement Project



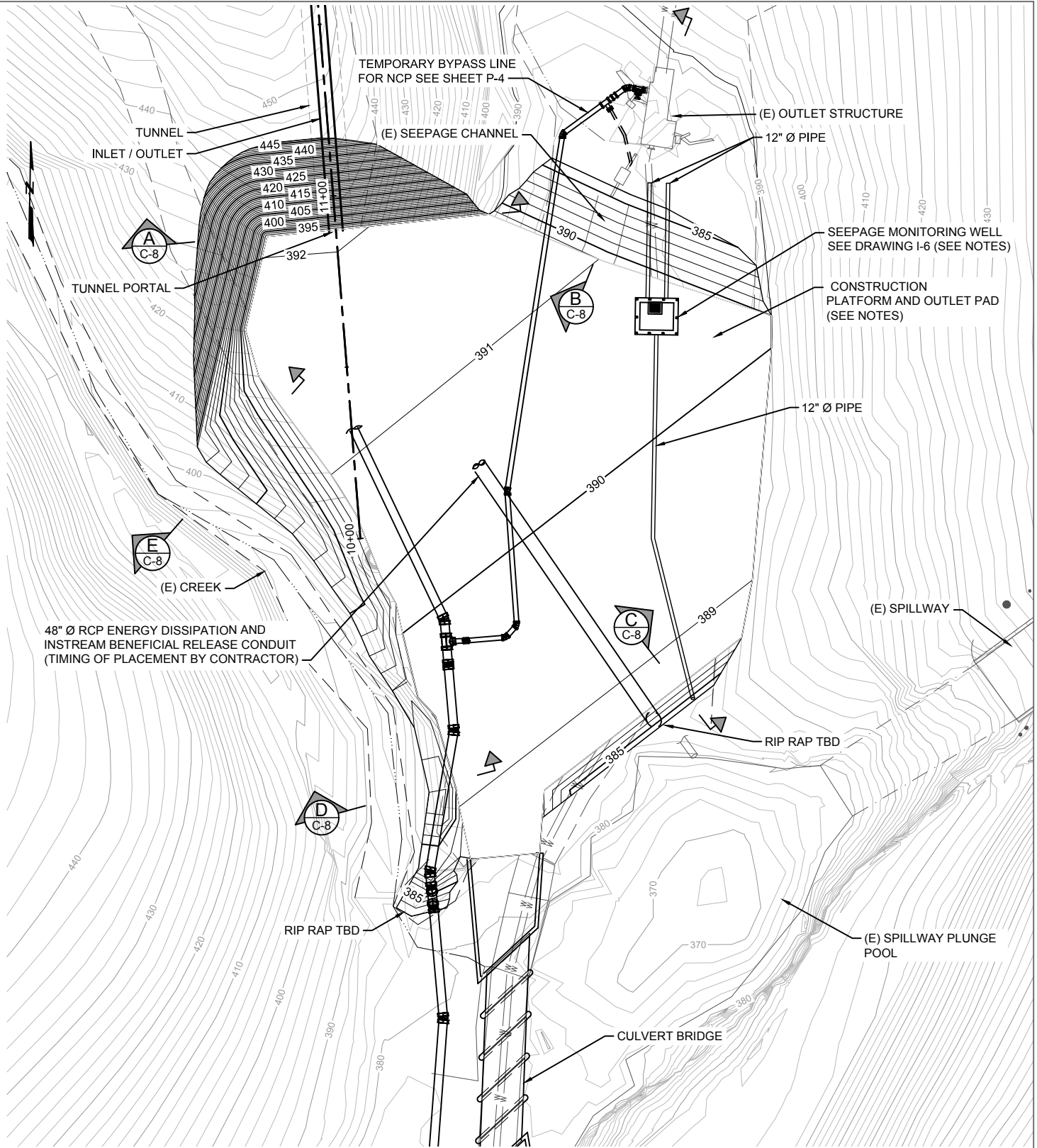
SOURCE: AECOM 2018
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION

FIGURE 3-10

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



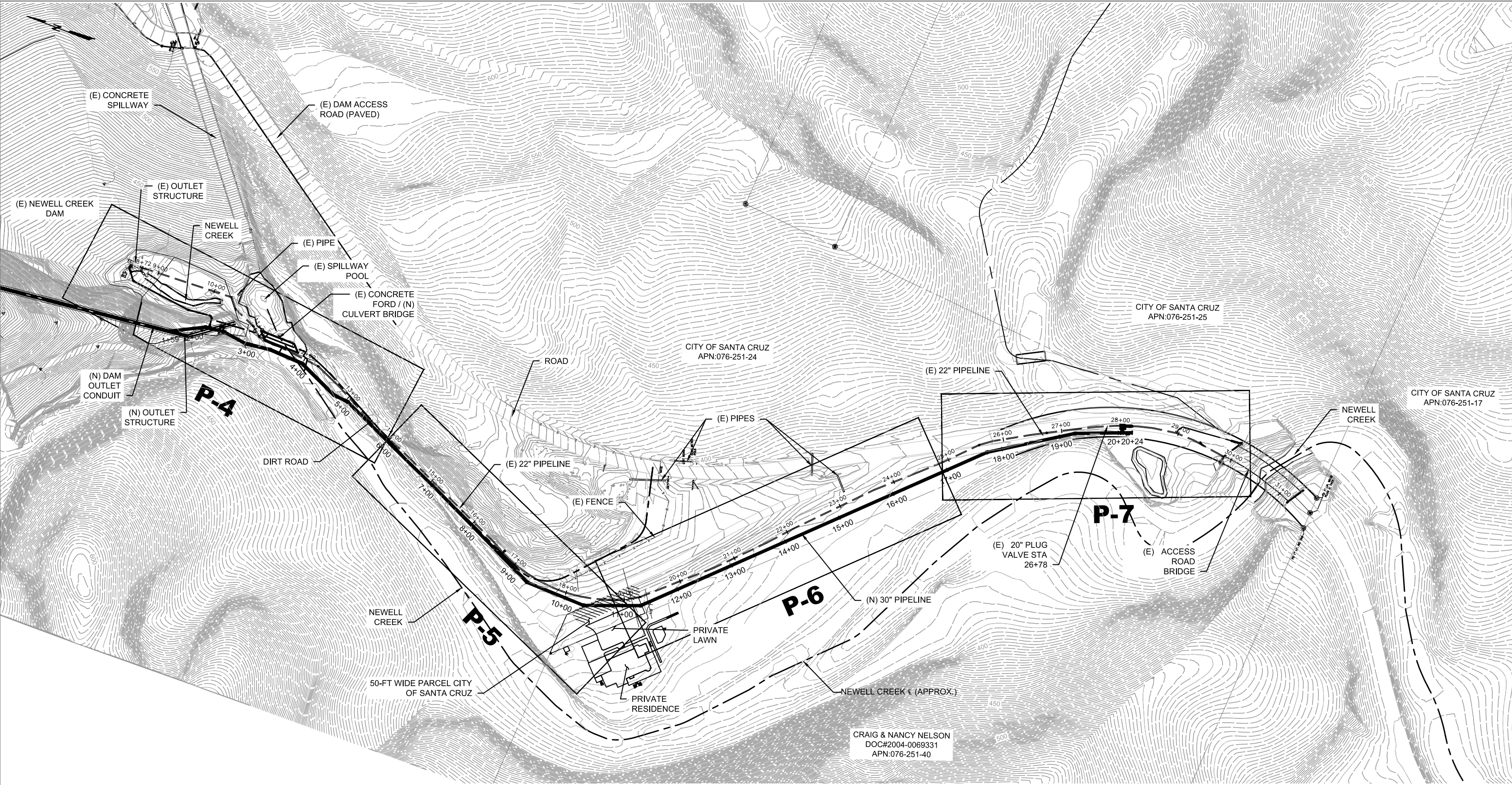
PLAN (EXISTING CONDITIONS)
SCALE: 1" = 20'



PLAN (PHASE 1)
SCALE: 1" = 20'



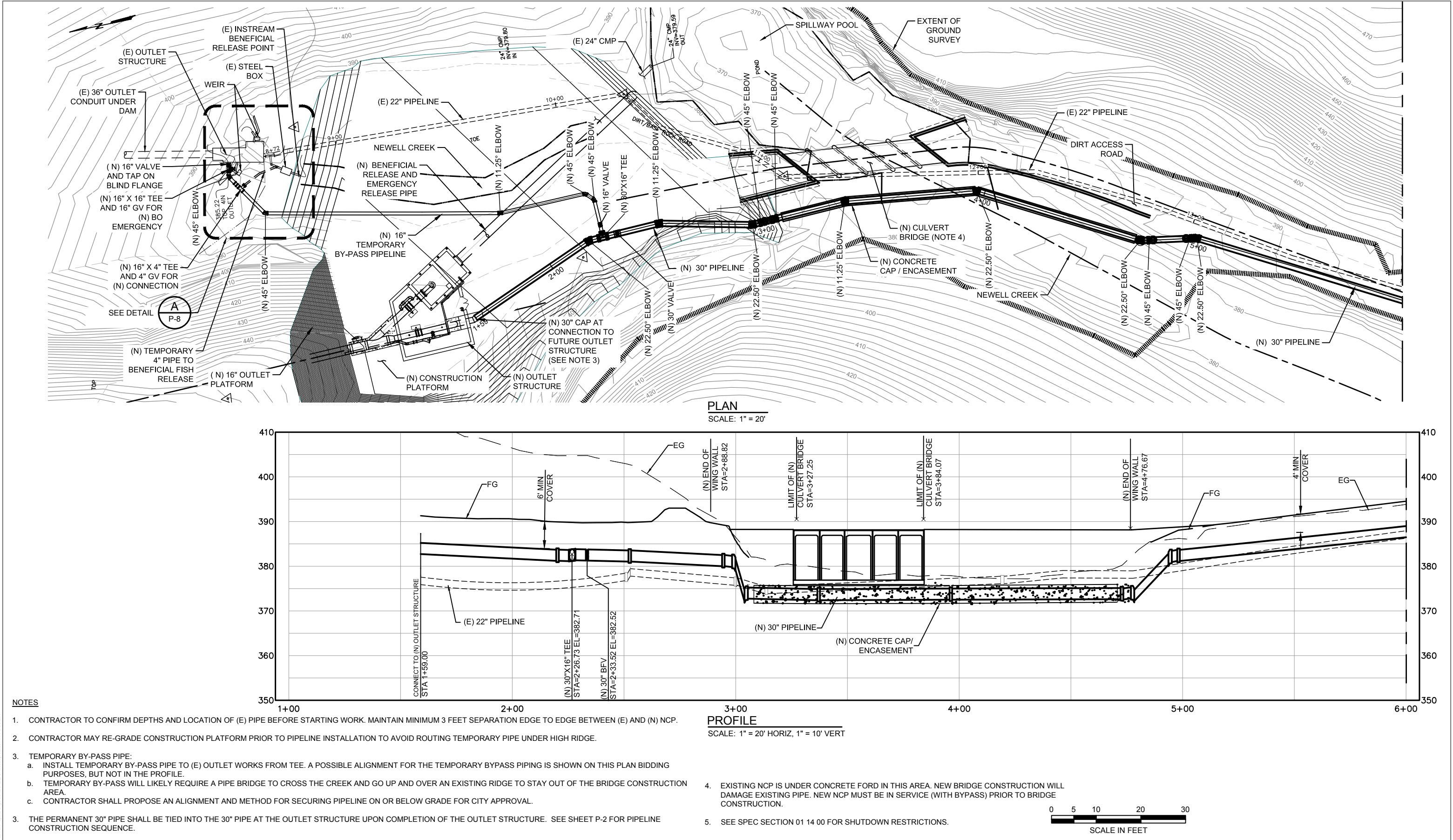
SOURCE: AECOM 2018
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION



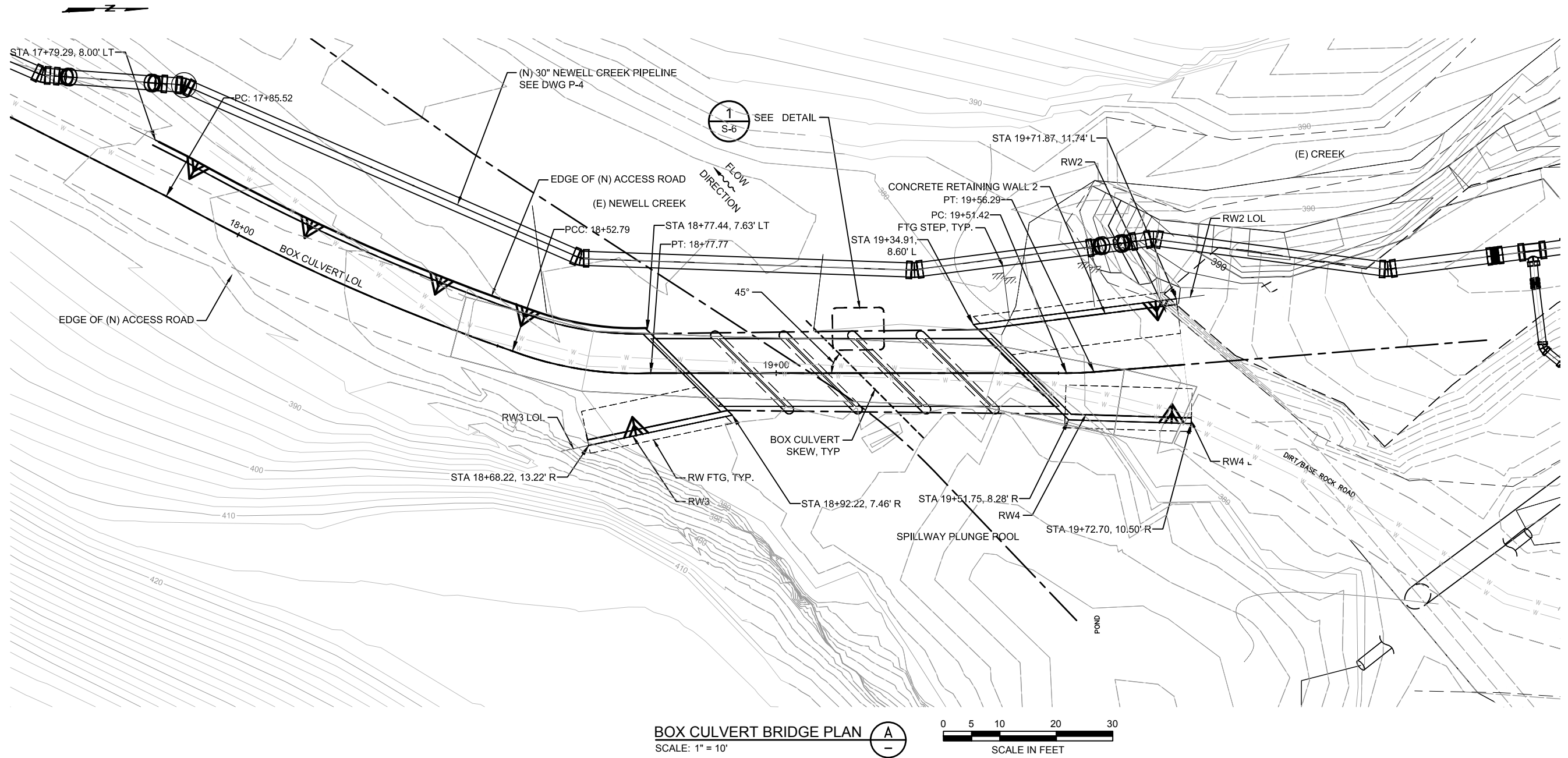
SOURCE: AECOM 2018
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION



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

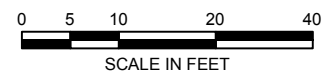
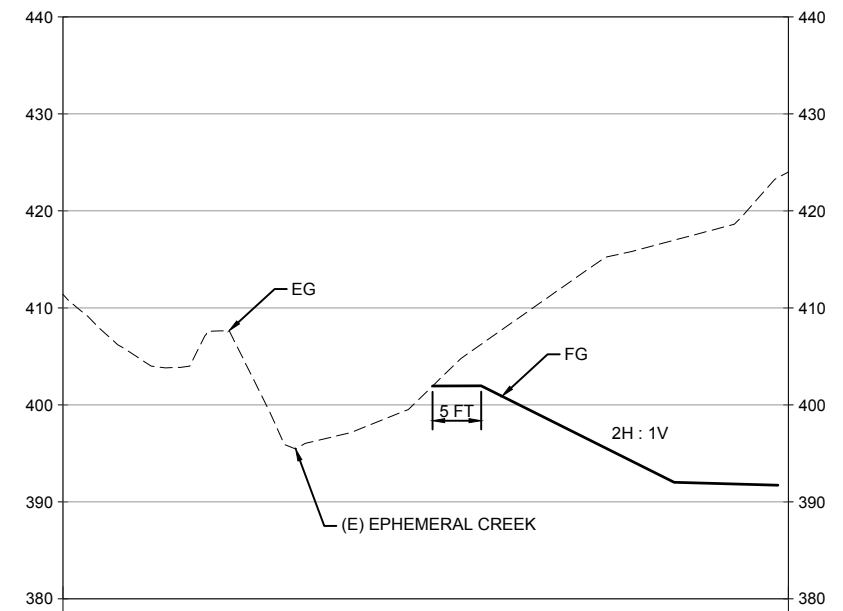
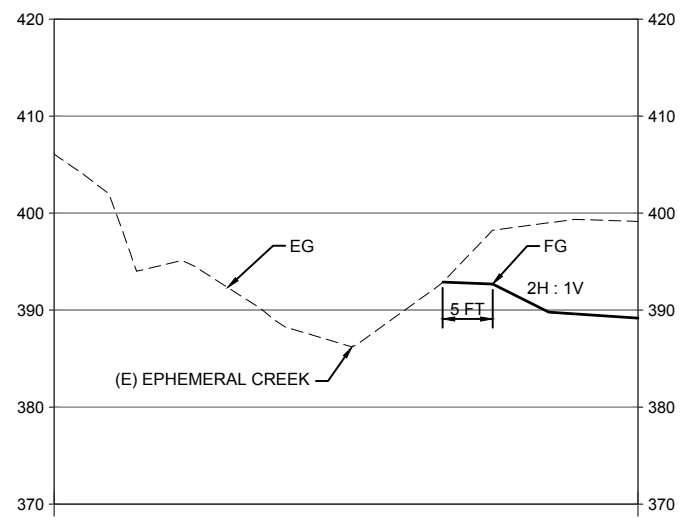
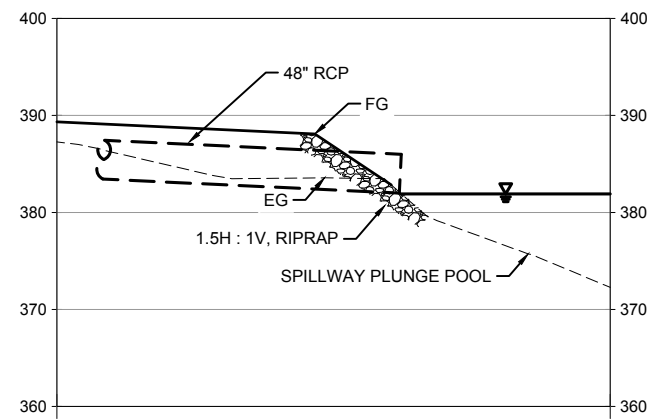
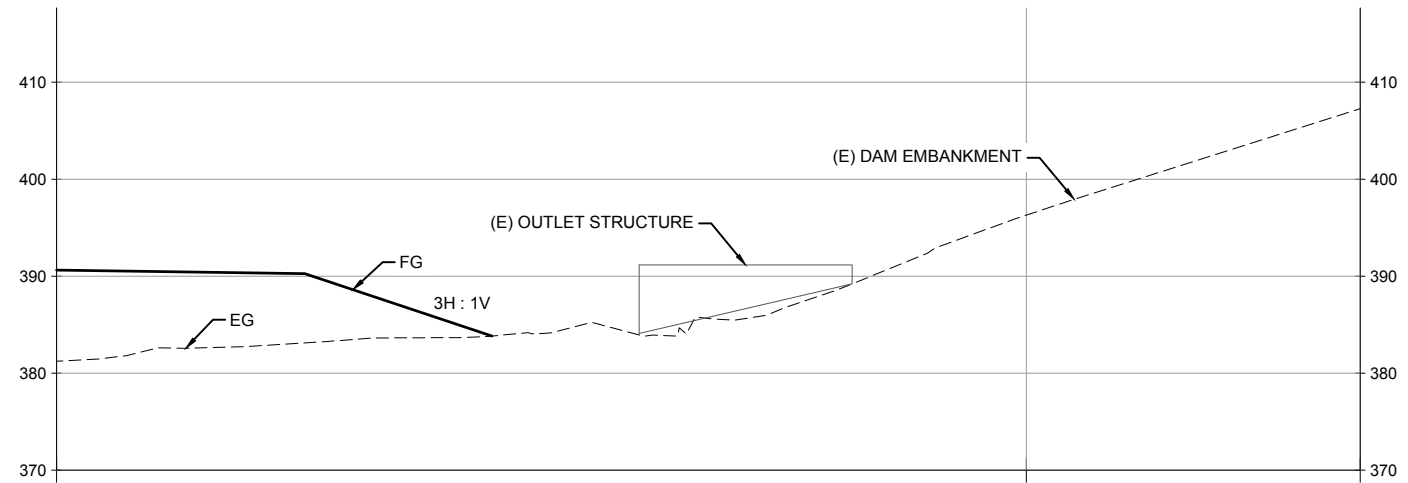
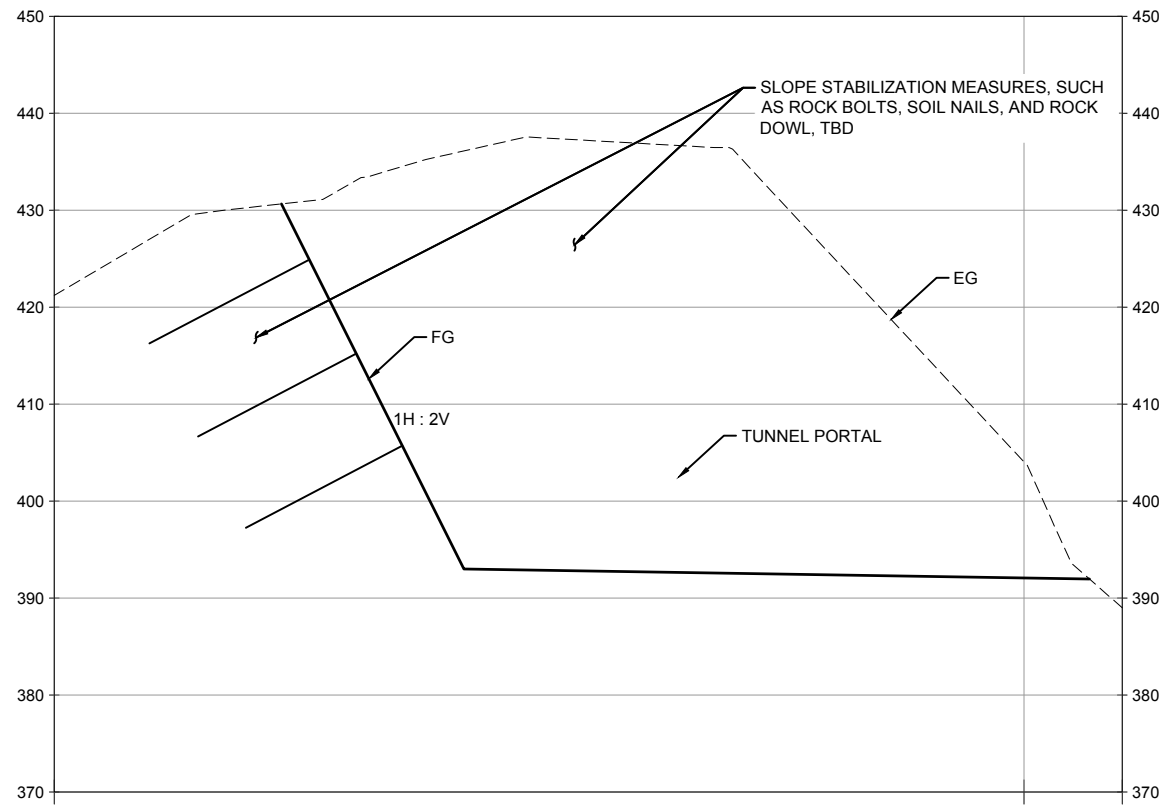


SOURCE: AECOM 2018
NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION

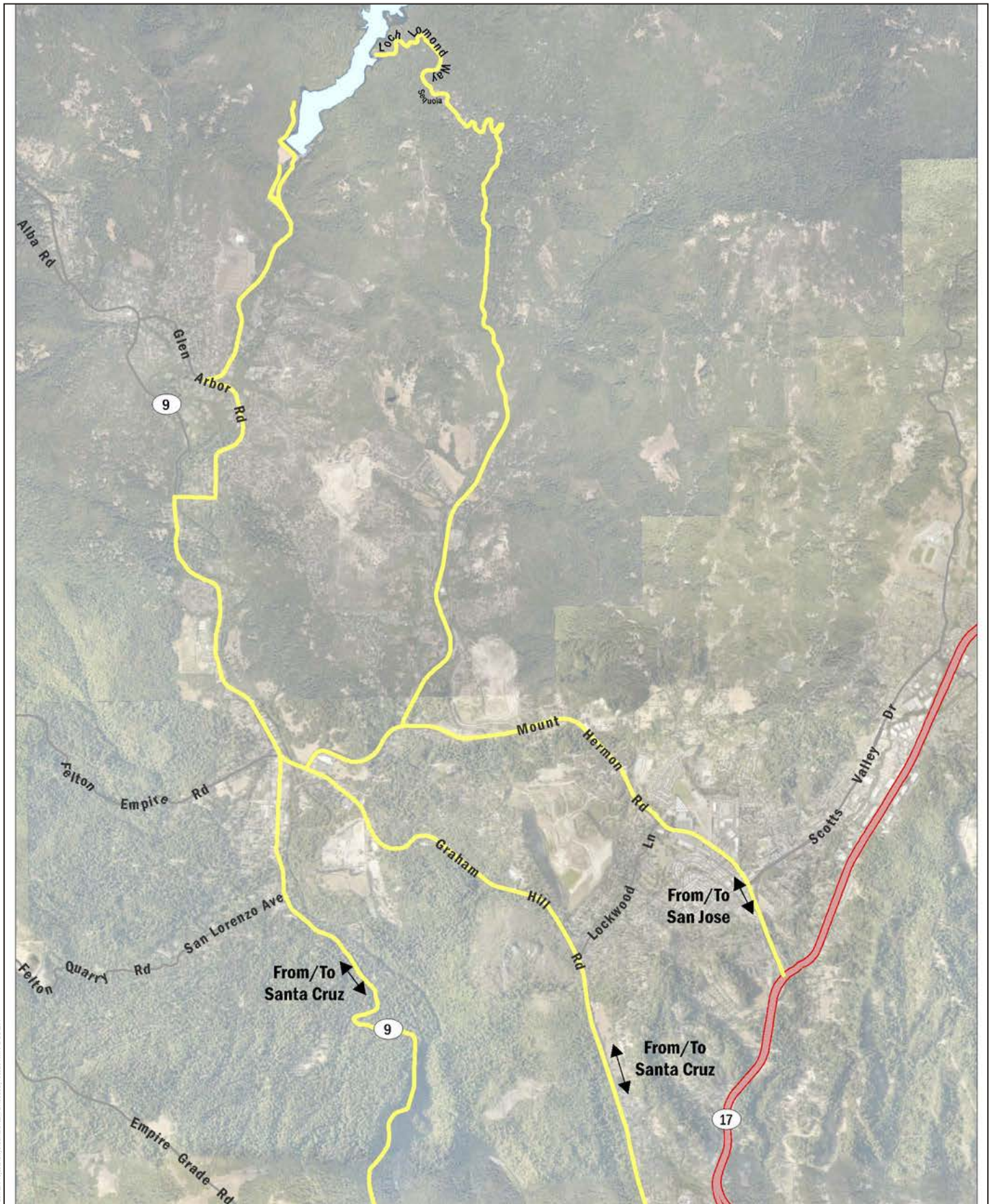


SOURCE: AECOM 2018
 NOTE: Final Draft 50% Progress Drawings - NOT FOR CONSTRUCTION

Path: J:\Projects\Civil\Bentley\Newell\10252018\DWG\C-6.dwg



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