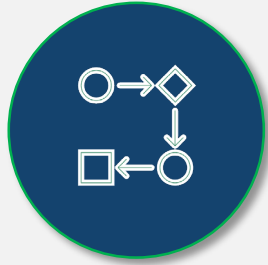




EFFLUENT PIPELINE PROJECT UPDATE

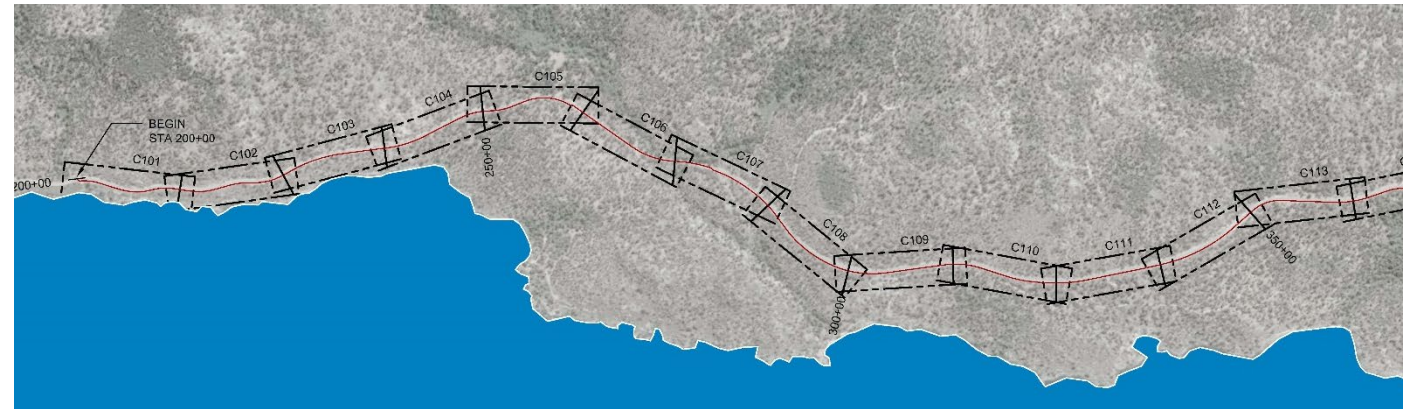
January 11, 2023

CONSTRUCTION PHASING



- Segment 2
 - ✓ High-Pressure Line
 - ✓ Repair Issues
 - ✓ Operational Concerns
 - ✓ Proximity to Lake Tahoe
- Pipeline Video Inspection
- Team Revised Approach

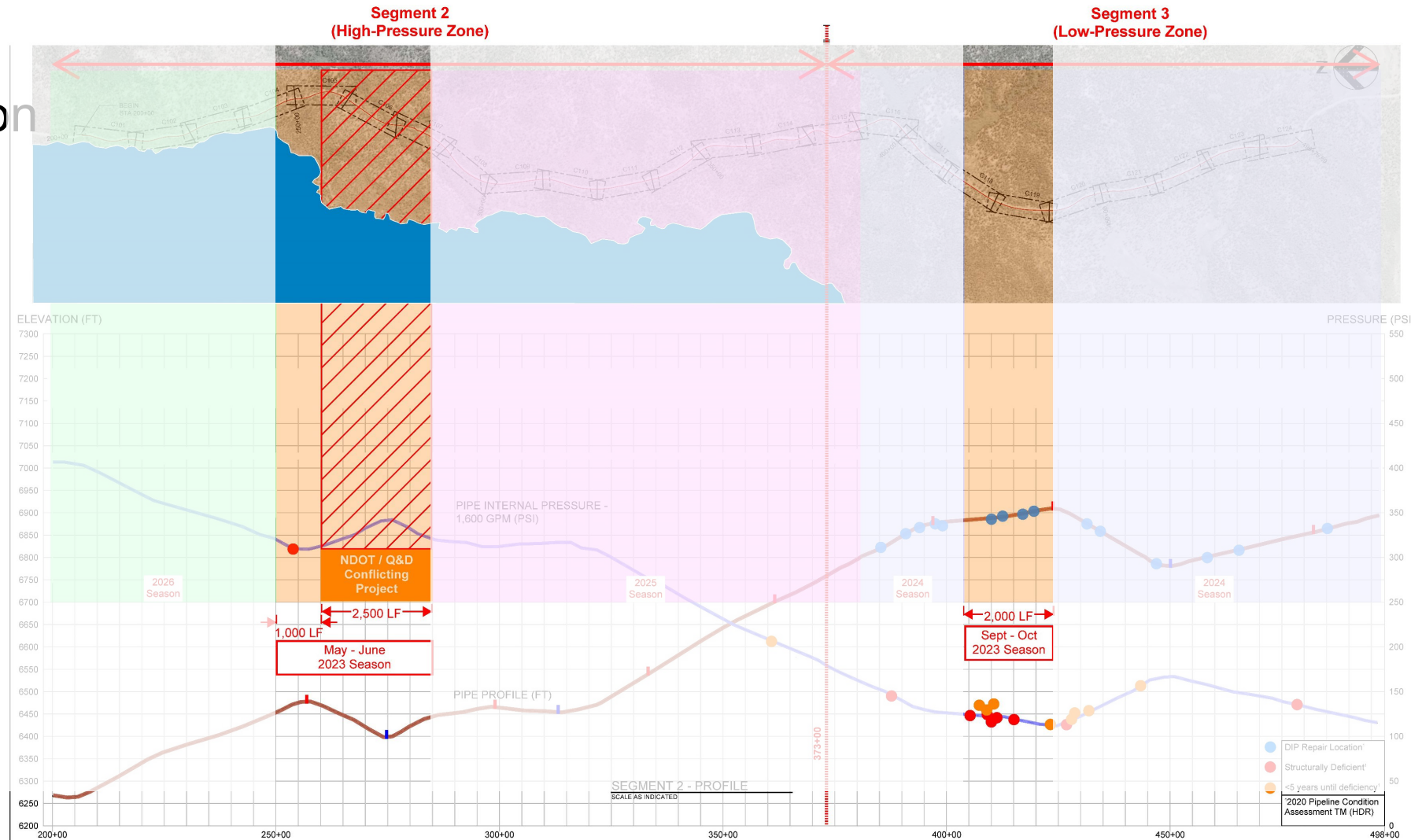
Segment 2 (High-Pressure Zone)



PHASE 1

PHASE 1: 2023 Season

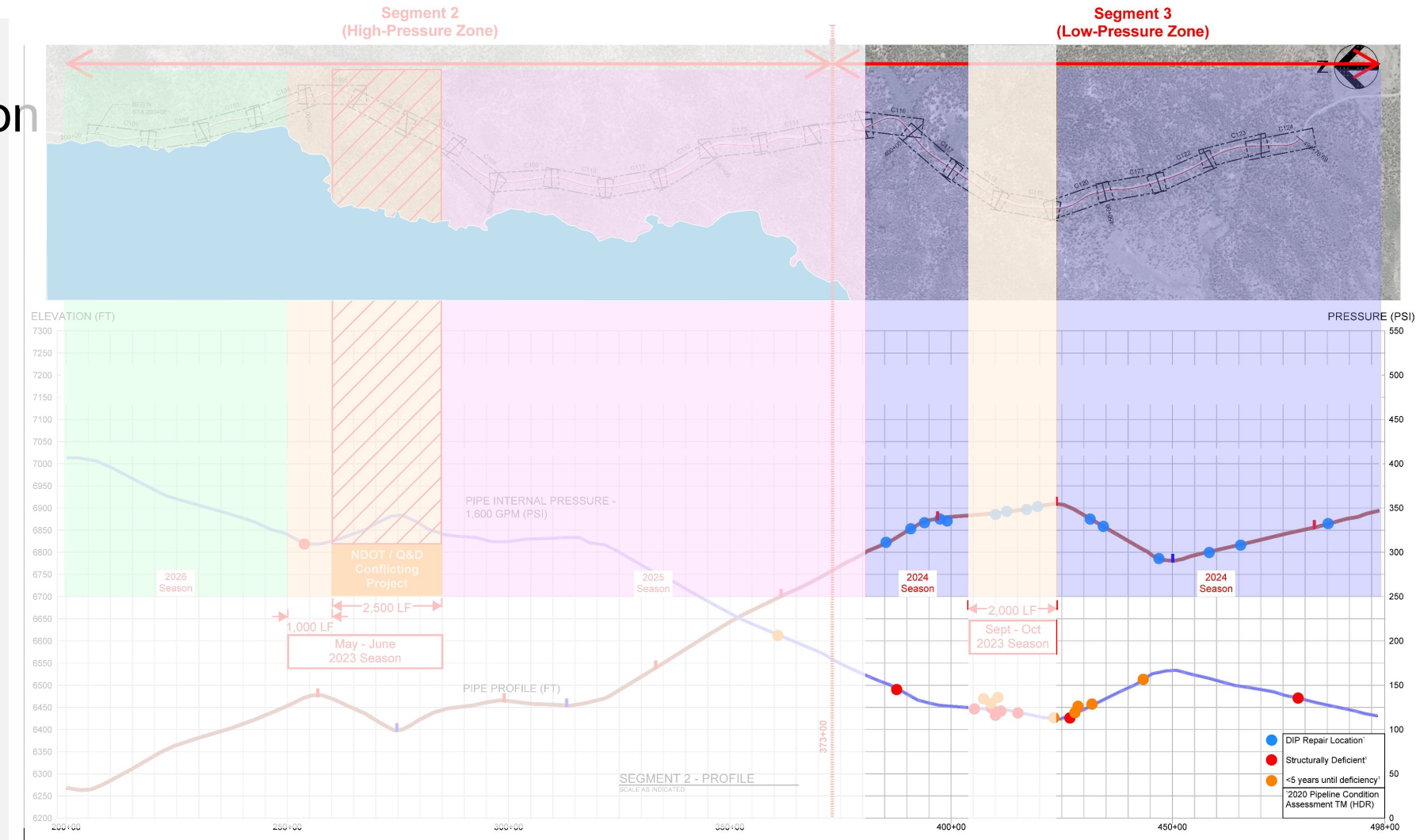
- **3,500 LF Segment 2**
(2,500 LF NDOT work)
– *May/June*
- **2,000 LF Segment 3**
– *September/October*
- NDOT collaboration
- Avoids high tourist months
- Eliminates conflicts with NDOT's SR28 project
- Addresses high risk areas



PHASE 2

PHASE 2: 2024 Season

- Complete Segment 3
- Addresses PICA data deficiencies

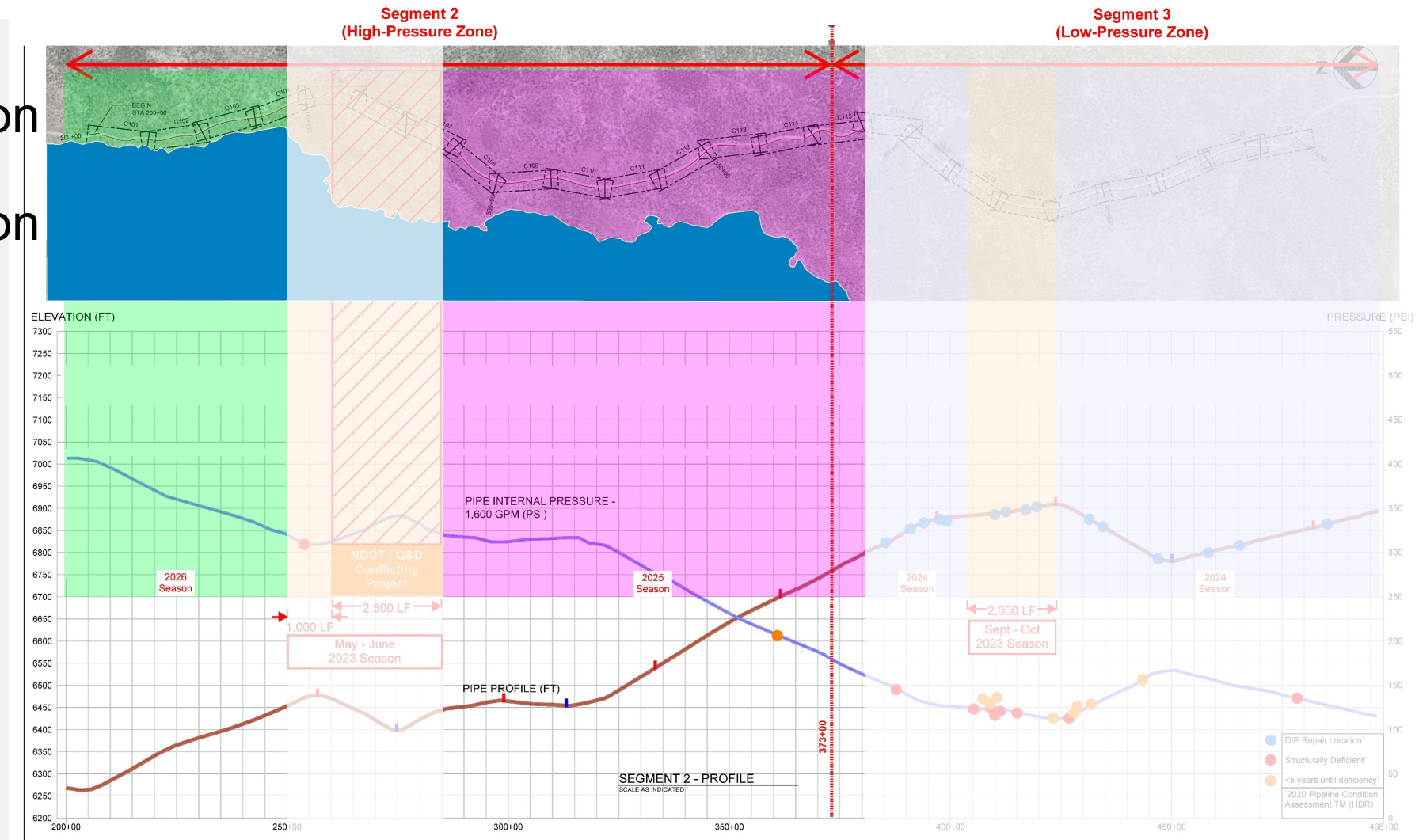


PHASES 3 & 4

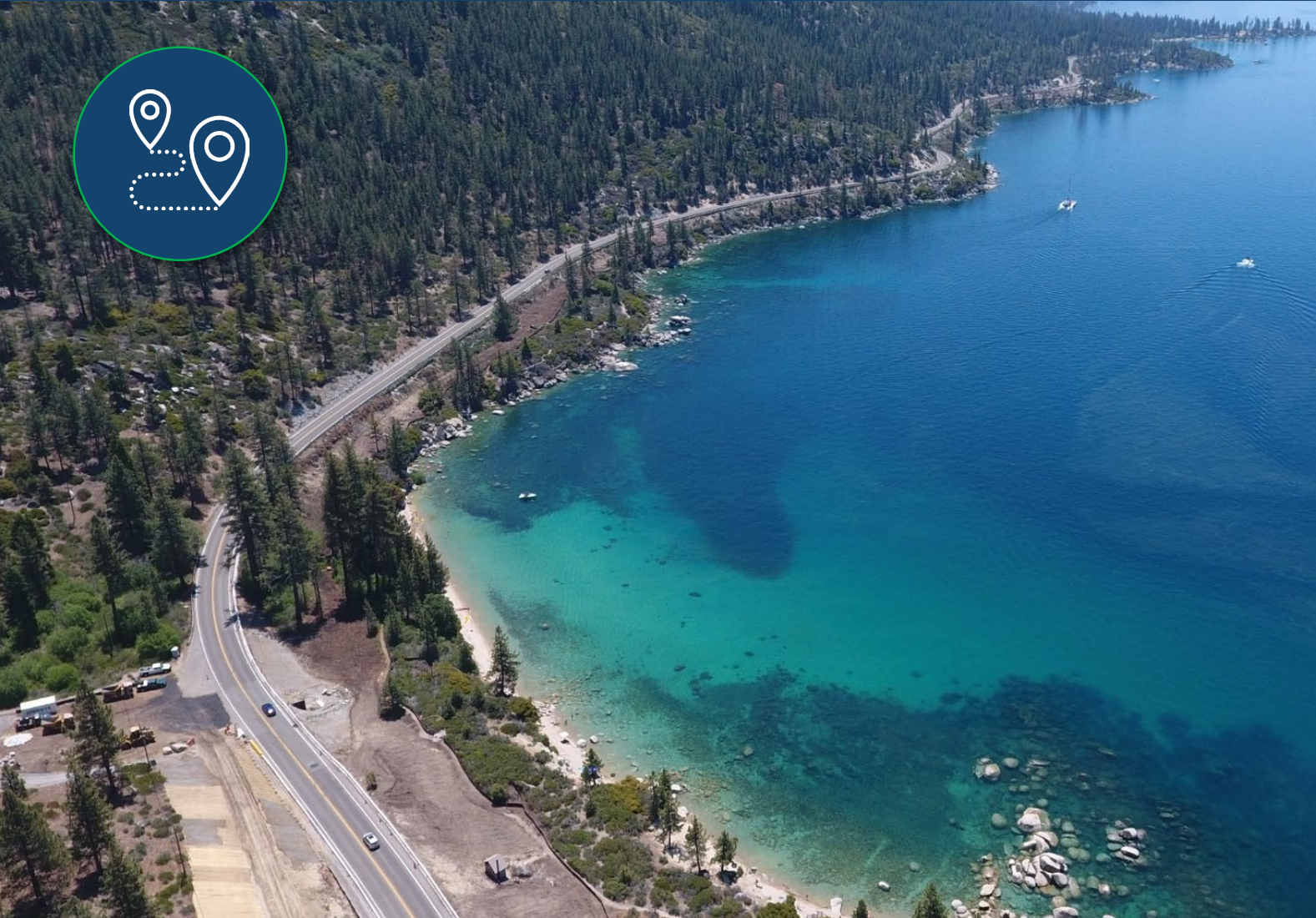
PHASE 3: 2025 Season

PHASE 4: 2026 Season

- Project Completion



ROAD CLOSURE



- Not Pursuing in 2023
- NDOT Review Pending for 2024 and Beyond
- NDOT Approval – Return to the Board

90% OPCC RESULTS



CMAR OPCC
Approx.
\$56M

Variance from
60% to 90%
< \$7.7M >

CMAR OPCC
within 1% of
ICE OPCC

Risk
Mitigation =
Cost Savings

Estimate Date	10/2021	10/2022	12/2022
Cost Estimate Level	Pre-Design	60% OPCC	90% OPCC
TOTAL ESTIMATED PROJECT COST	\$46 M	\$66 M	*\$59 M
*Granite's 60% OPCC to 90% OPCC:			
Major Direct Cost Changes (\$11.7 M)			
Changes in Pipe: HDPE to DIP	(\$5.9 M)		
Shallowing Excavation Depth	(\$0.9 M)		
Eliminating imported Intermediate Zone	(\$0.9 M)		
Remove escalation from direct cost items	(\$4 M)		
Major Risk Register Changes \$4 M			
Add escalation to Risk Register	\$4 M		

FUNDING PLAN



Clean Water SRF

\$1.6M

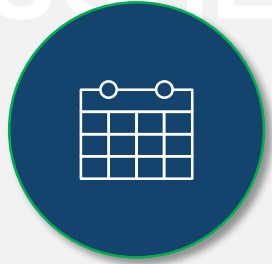
Federal Omnibus Bill

\$800M

USACE 595 Funding
Program

GMP CONTRACT AWARD PLANNING

SCHEDULE



Dates subject to change to meet funding and environmental document schedules.

MARCH 8, 2023 GMP 1a: 3,500 LF

APRIL 26, 2023 GMP 1b: 2,000 LF

FALL 2023 GMP 2: Remainder of work



THANK YOU

GRANITE[®]