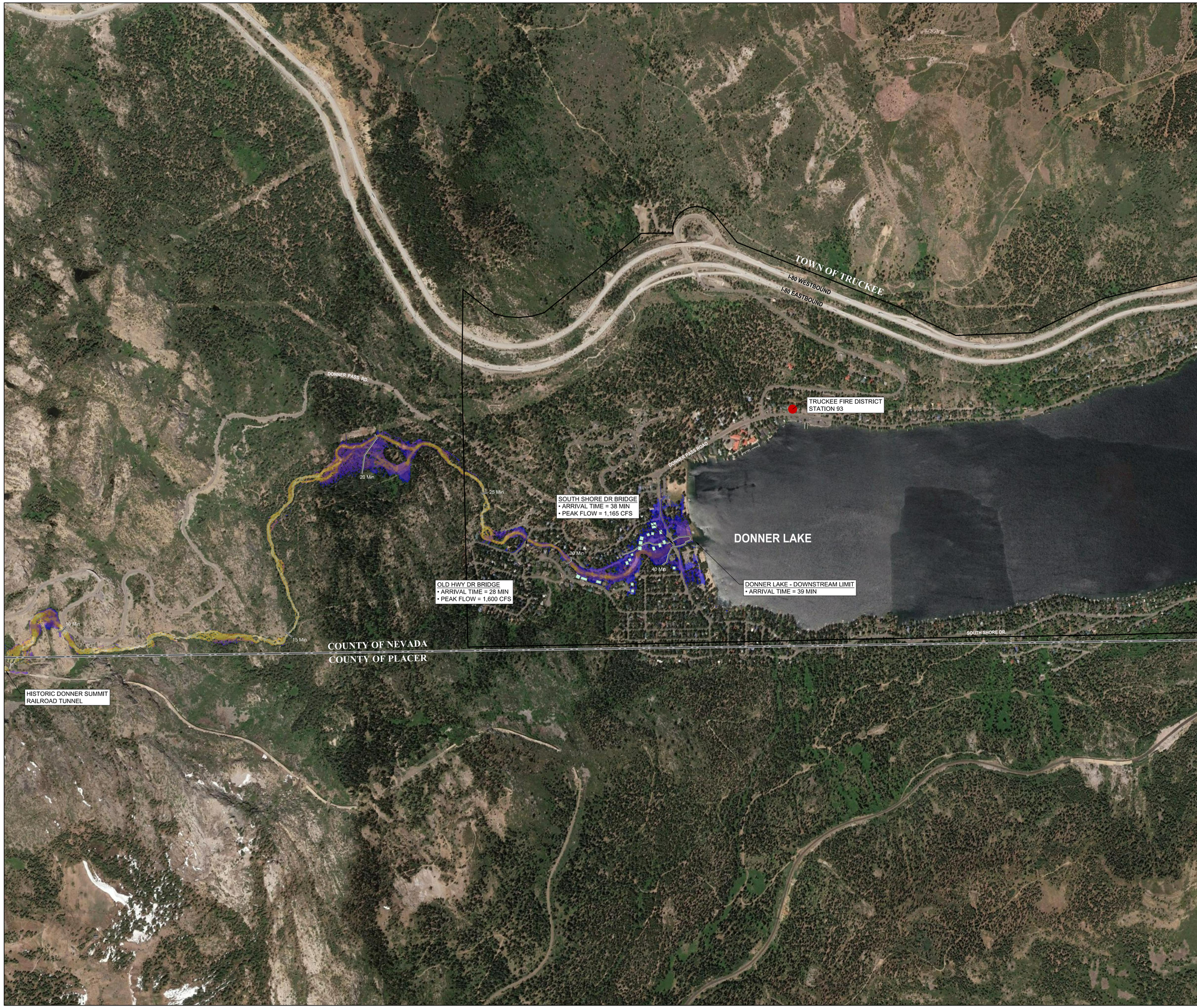


LAKE ANGELA RESERVOIR SUNNY DAY FAILURE INUNDATION MAP

APPENDIX B
MAIN DAM BREACH (PEAK VELOCITIES)

MAP PREPARED: MARCH 14, 2019
MODEL SIMULATION DATE: FEBRUARY 9, 2019

PANEL 2 OF 2

The methods used to develop inundation zones and flood wave arrival times are approximate and should be used as guidance for establishing evacuation zones. Actual areas inundated will depend on actual failure and pre-failure hydrologic conditions and may differ significantly from information shown on maps.

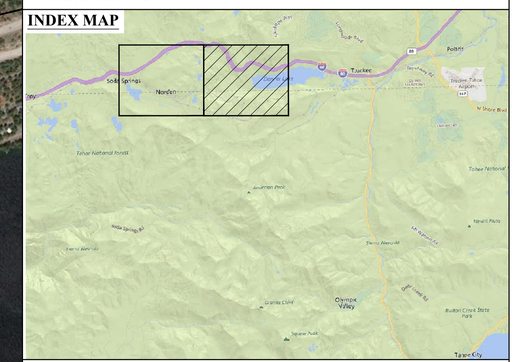
LAKE ANGELA RESERVOIR
DONNER SUMMIT PUBLIC UTILITY DISTRICT
NEVADA COUNTY, CA

DAM NUMBER: 89.002
NATIONAL ID NO. CA00322

LAT: 39°19'22"
LONG: -120°19'37"

VOLUME RELEASED: 278 ACRE-FT
DAM HEIGHT: 28 FT
CREST LENGTH: 820 FT
DAM TYPE: CONCRETE GRAVITY
YEAR BUILT: 1924

INDEX MAP



LEGEND

SUNNY DAY BREACH PEAK VELOCITIES (FT/SEC)

0 - 1 | 1 - 2 | 2 - 3 | 3 - 4 | 4 - 6 | 6 - 8 | 8 - 12 | 12 - 20 | > 20

- INUNDATED STRUCTURES
- LAKE ANGELA RESERVOIR
- RESERVOIR EMBANKMENT BREACH LOCATION
- 0.5 miles — DISTANCE DOWNSTREAM FROM RESERVOIR (MILES)
- ARRIVAL TIME
- STREAM CENTERLINE
- CRITICAL FACILITY
- CORPORATE LIMITS

REGISTERED PROFESSIONAL ENGINEER — JOSEPH M. DOMENICHELLI — No. C38068 Exp. 3/31/19 — CIVIL — STATE OF CALIFORNIA

DOMENICHELLI & ASSOCIATES

LICENSED CIVIL ENGINEER — 1/21/2019 DATE

N W E S

HORIZONTAL DATUM:
NAD83 SPCS CA ZONE 2 (US FEET)

VERTICAL DATUM:
NAVD88 (FEET)

300 0 600 1200 2400 FEET

WARNING: IF 600-FT DOES NOT MEASURE 1-INCH THEN DRAWING IS NOT TO SCALE

FILE PATH: Z:\DSPUD-001\DWG\Inundation Maps\LakeAngela-DSPUD_InundationMap_CAD-2019.dwg