BRITISH COLUMBIA

Ministry of
Transportation
and Infrastructure

PROJECT NO. 24913-0001

TRANS-CANADA HIGHWAY No. 1
FORD ROAD TO TAPPEN VALLEY ROAD

SUGGESTED HIGHWAY STAGING DRAWINGS

NOTE TO CONTRACTOR:
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MARCH 1, 2023

FOR INFORMATION ONLY

McElhanney

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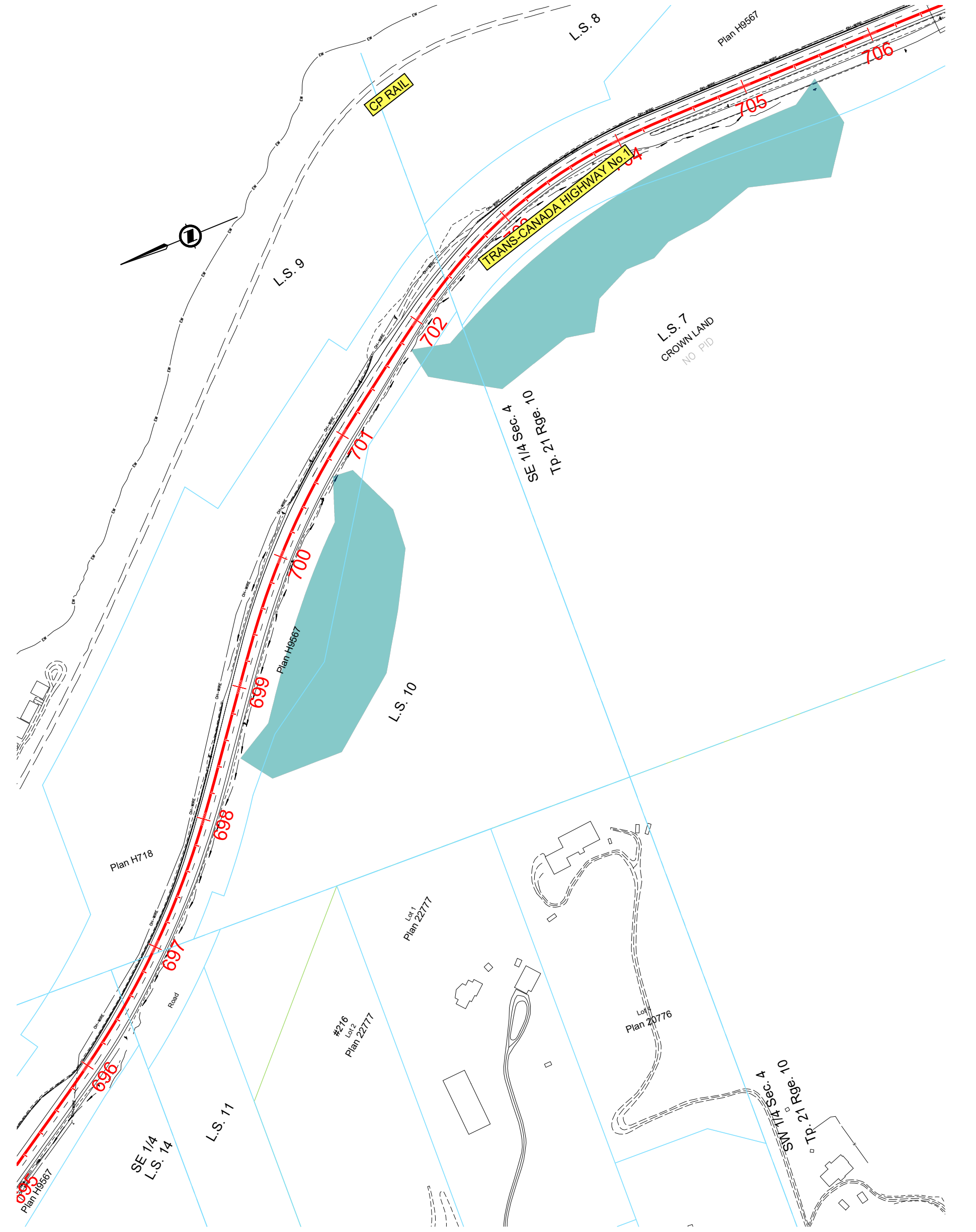
CAD FILE: X:\2121\2121-00113-00 MoTI - Hwy 1 Ford Road to Kault Hill\10.0 DRAWINGS_HWY1-23621\DrawingProduction\1100_Subdisciplines\ConstructionStaging\R2-735-950-ROLLPLOT.dwg (LAST SAVED: KMADRIGAL)

WORK COMPLETED THIS PHASE (1)

- TRAFFIC ON EXISTING HIGHWAY
- EXCAVATE KAULT HILL ROCK 'TYPE A'
- LAYDOWN AREA
- HIGHWAY 1 (L1000) EASTBOUND
  - GRADING, PAVING AND DRAINAGE
- EXCAVATE TAPPEN HILL 'TYPE D'
- JAMES ROAD (L100)
  - GRADING, PAVING AND DRAINAGE
- SUNNYBRAE-CANOE POINT ROAD (L200)
  - GRADING, PAVING AND DRAINAGE
- KIRKPATRICK ROAD (L300)
  - GRADING, PAVING AND DRAINAGE
- CONSTRUCT EASTBOUND TAPPEN CPR OVERPASS BRIDGE
- CONSTRUCT WHITE CREEK CULVERT (STA 664+50)
- HIGHWAY 1 (L1000)
  - GRADING, PAVING AND DRAINAGE
- TAPPEN STATION ROAD (L100) AND (L140)
  - PARTIAL GRADING, PAVING AND DRAINAGE (LIMITS AS SHADED)
- SYLVESTER ROAD (L150 AND L160)
  - GRADING, PAVING AND DRAINAGE
- KIRKPATRICK ROAD (L300)
  - PARTIAL GRADING, PAVING AND DRAINAGE (LIMITS AS SHADED)
- ARNOUSE ROAD (L400)
  - GRADING, PAVING AND DRAINAGE
- TAPPEN VALLEY ROAD (L500)
  - CHANGE EXISTING INTERSECTION WITH HIGHWAY 1 (STA 669+80) TO RIGHT IN RIGHT OUT ACCESS
- CONSTRUCT TAPPEN CREEK BRIDGE (STA. 680+85)

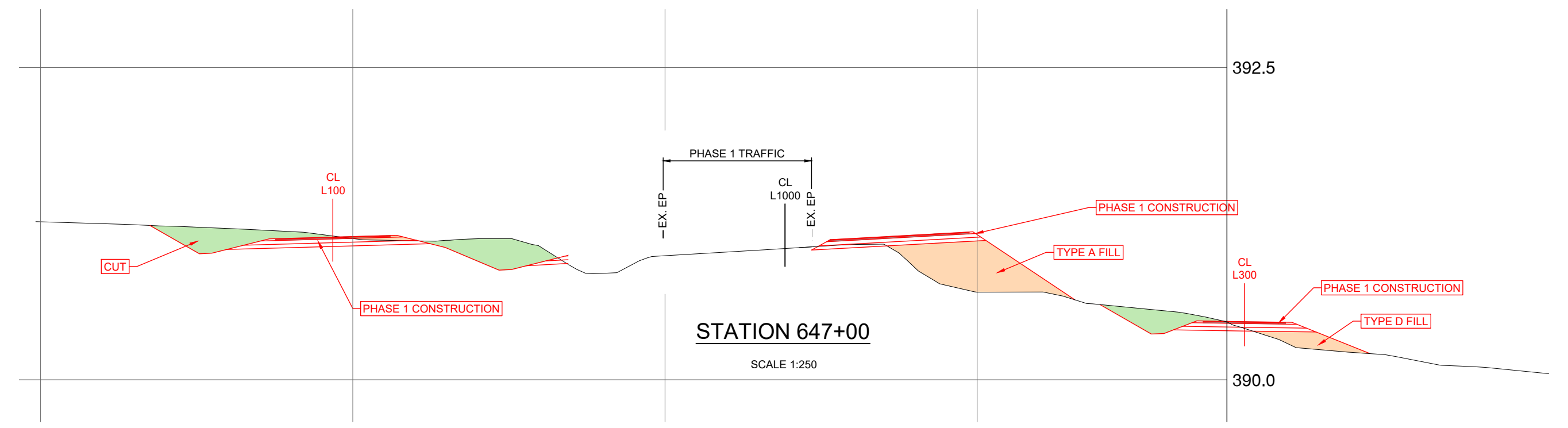
LIMIT OF CONSTRUCTION STA. 107+71.810
FORD ROAD
LIMIT OF CONSTRUCTION STA. 641+73.059
TIE TO EXISTING
KIRKPATRICK ROAD
TRANS-CANADA HIGHWAY No.1
L100
L1000
L300
647+00
L100 TYPE D FILL = 35000m3
JAMES ROAD
North Bay Indian Reserve No. 5
COMPLETE RETAINING WALL #10340R AT JAMES ROAD
LIMIT OF CONSTRUCTION STA. 265+70.000
658+00
L300 TYPE D FILL = 67000m3
L1000 TYPE A ROCKFILL = 249000m3
COMPLETE SUB-EXCAVATE PRELOAD/SURCHARGE SUNNYBRAE-CANOE POINT ROAD
SUNNYBRAE-CANOE POINT ROAD
L200
263+20
WHITE CREEK
COMPLETE SUB-EXCAVATE PRELOAD/SURCHARGE AT WHITE CREEK CULVERT
SYLVESTER ROAD
LIMIT OF CONSTRUCTION STA. 150+90.000
L140
665+40
COMPLETE WHITE CREEK CHANNEL REALIGNMENT
COMPLETE RETAINING WALL #10339R AT ARNOUSE ROAD
ARNOUSE ROAD
L400
TAPPEN STATION ROAD
COMPLETE WESTBOUND PHASE TAPPEN OVERHEAD BRIDGE
PRIVATE ROAD
CP RAIL
670+40
L500
TAPPEN VALLEY ROAD
COMPLETE RETAINING WALL #10338R TAPPEN VALLEY ROAD
LIMIT OF CONSTRUCTION STA. 500+00.000
TEMPORARY CLOSURE TAPPEN VALLEY ROAD
WETLAND AREA CUT = 5500m3
LAYDOWN AREA STOCKPILE AREA = 33000m3
TAPPEN HILL TYPE D EXCAVATION = 173000m3
L550
PRELOAD/SURCHARGE NEW EMBANKMENT FILL
LIMIT OF CONSTRUCTION STA. 514+90.201
TAPPEN CREEK
680+00
North Bay IR No. 5
COMPLETE TAPPEN CREEK RE-ALIGNMENT
COMPLETE TAPPEN CREEK BRIDGE. FOR DETAILED STAGING AND DETOUR SEE STRUCTURES DRAWING
BOLTON ROAD



KAULT HILL ROCK CUT AREA

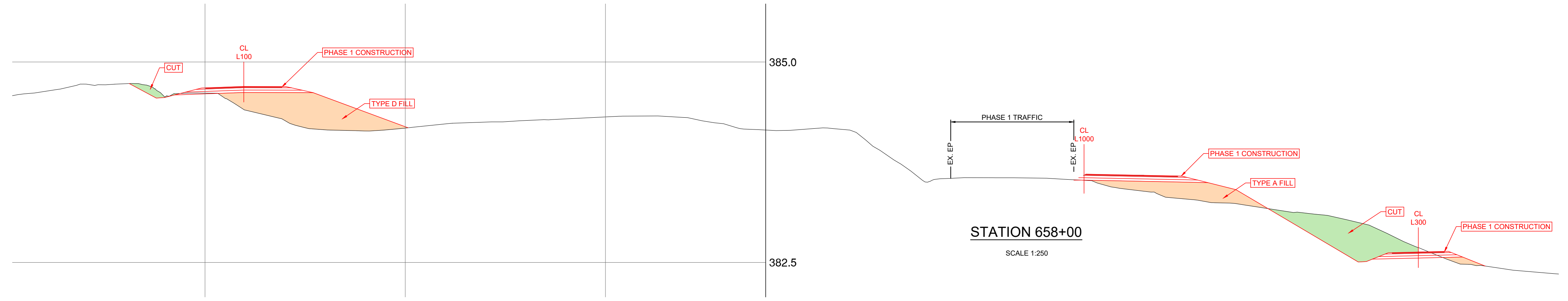
LEGEND

▨	CURRENT PHASE FILL AREA
🟩	CURRENT PHASE CUT AREA
🟦	COMPLETED FILL/CUT AREA
🟨	CURRENT PHASE CONSTRUCT AREA
🟪	FUTURE FILL/CUT AREA
☐	COMPLETED ROADWAY
—	DETOUR DESIGN
—	DETOUR CONSTRUCTION
—	CONSTRUCTION ACCESS


PHASE 1 TRAFFIC
PHASE 1 CONSTRUCTION
TYPE D FILL
392.5
390.0

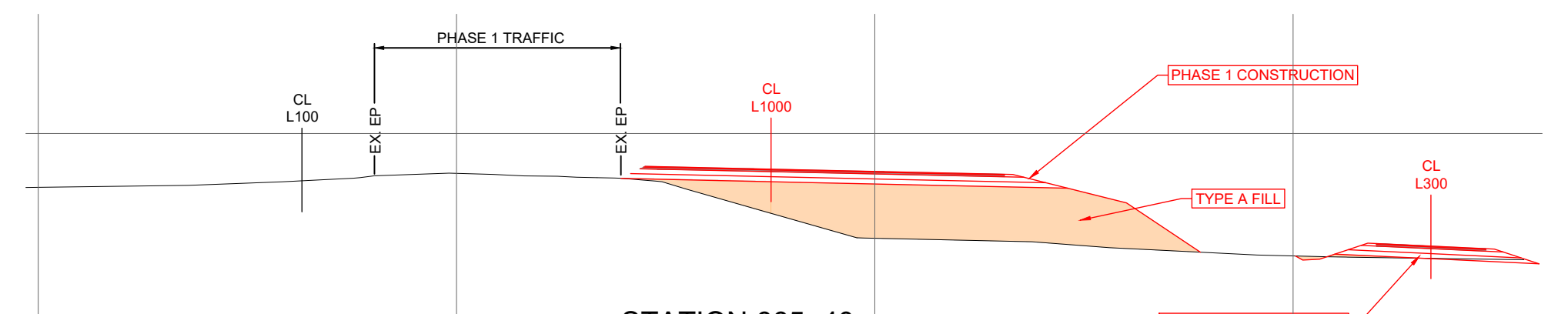
STATION 647+00

SCALE 1:250


PHASE 1 TRAFFIC
PHASE 1 CONSTRUCTION
TYPE A FILL
385.0
382.5

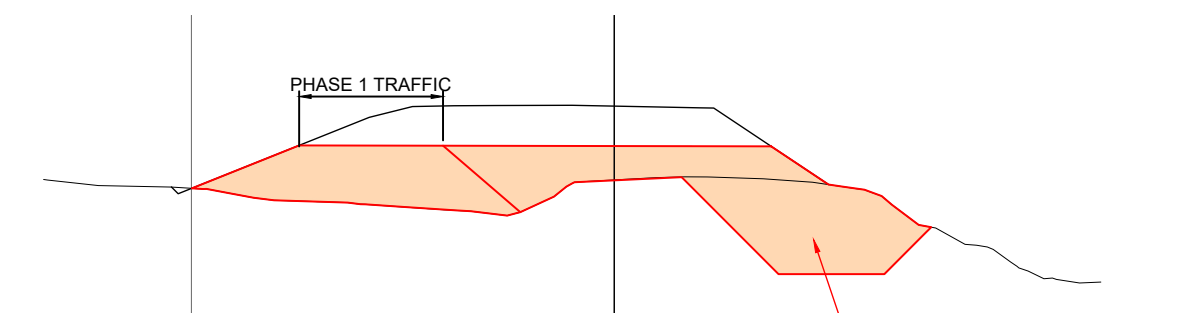
STATION 658+00

SCALE 1:250


PHASE 1 TRAFFIC
PHASE 1 CONSTRUCTION

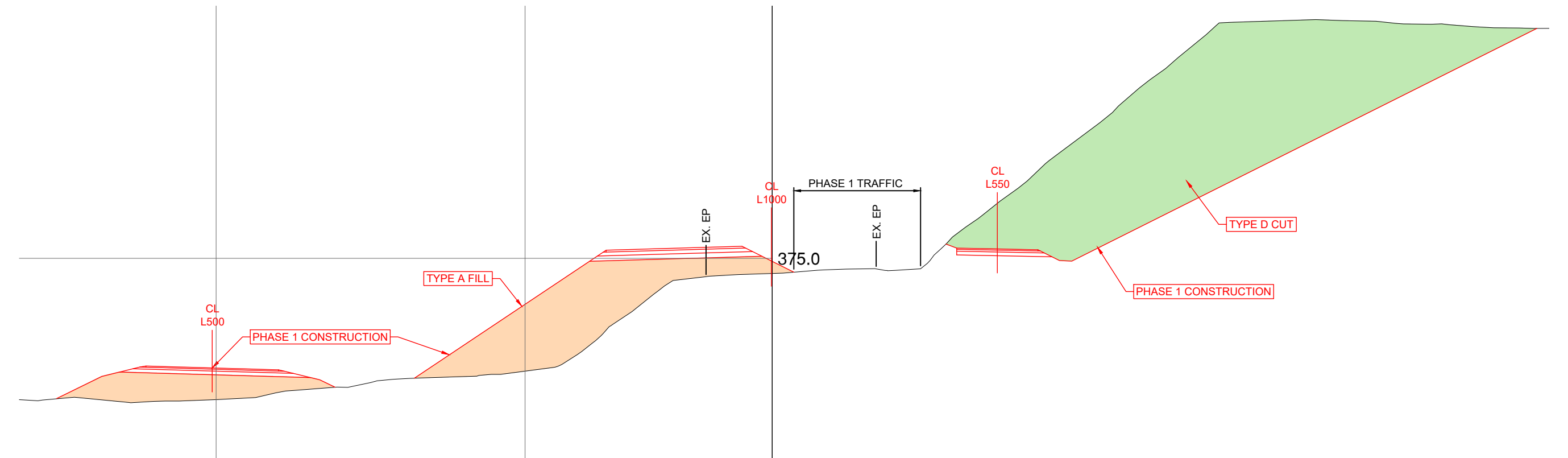
STATION 665+40

SCALE 1:250


PHASE 1 TRAFFIC
PHASE 1 CONSTRUCTION (EXPECTED FOR PROFILE)
362.5

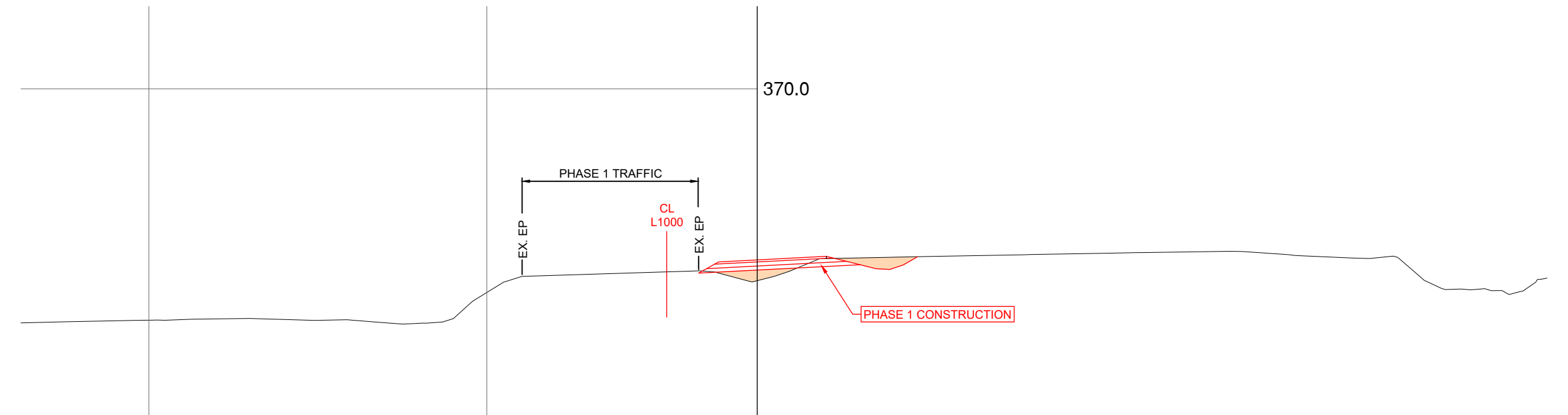
STATION 263+20

SCALE 1:250


PHASE 1 TRAFFIC
PHASE 1 CONSTRUCTION
TYPE D CUT
TYPE D FILL
375.0

STATION 670+40

SCALE 1:250


PHASE 1 TRAFFIC
PHASE 1 CONSTRUCTION
370.0
367.5

STATION 680+00

SCALE 1:250

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FOR DISCUSSION PURPOSES ONLY

BRITISH COLUMBIA

MINISTRY OF TRANSPORTATION
AND INFRASTRUCTURE
HIGHWAY ENGINEERING
SOUTHERN INTERIOR REGION

Project 24913 - 0001
Trans-Canada Highway No. 1
Ford Road to Tappen Valley Road

Suggested Construction Phasing

PHASE 1

MARCH 1, 2023

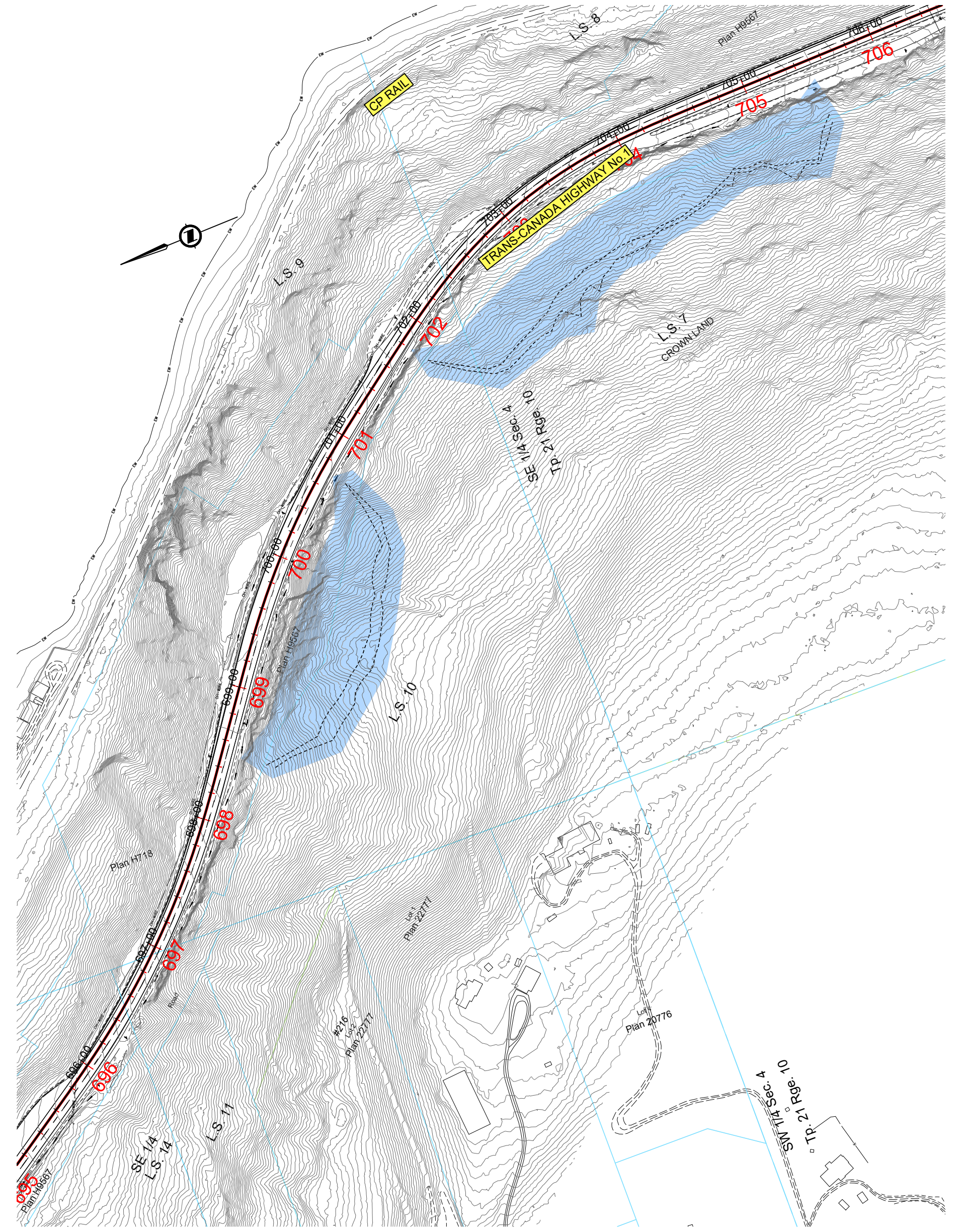
0 20 1:2000 100m

McElhanney

WORK COMPLETED THIS PHASE (2)

- TRAFFIC ON NEW EASTBOUND LANES
- HIGHWAY 1 (L1000) WESTBOUND
  - GRADING, PAVING AND DRAINAGE
- TRAFFIC ON NEW EASTBOUND LANES, SWITCHING TO WESTBOUND LANES AT STA 670+00
- CONSTRUCT WESTBOUND TAPPEN OVERHEAD BRIDGE
- COMPLETE WHITE CREEK CULVERT
- TAPPEN STATION ROAD (L140)
  - GRADING, PAVING AND DRAINAGE (LIMITS AS SHADED)
- COMPLETE HIGHWAY 1 (L1000)
  - GRADING, PAVING AND DRAINAGE
- KIRKPATRICK ROAD (L300)
  - GRADING, PAVING AND DRAINAGE
- TAPPEN VALLEY ROAD (L500)
- GRADING, PAVING AND DRAINAGE
- CLOSE RIGHT IN RIGHT OUT ACCESS AT STA. 669+80
- FINISH TAPPEN CREEK CULVERT (STA. 680+85)
- CONSTRUCT FULL DEPTH OF SUNNYBRAE-CANOE POINT ROAD

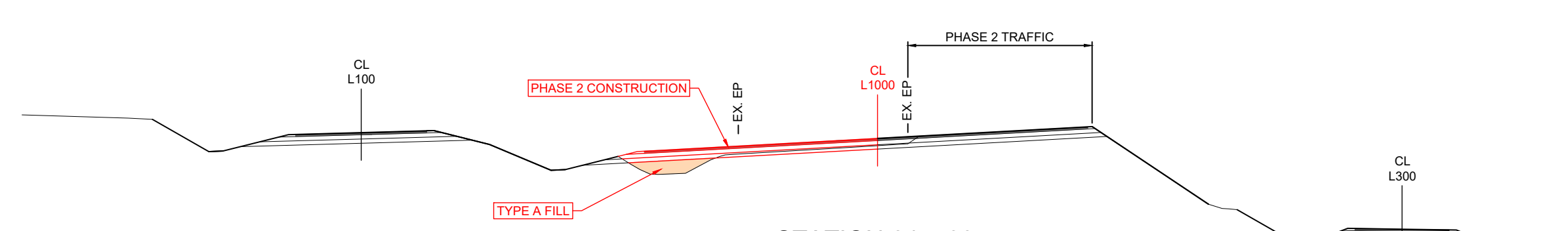
LIMIT OF CONSTRUCTION STA. 514+78.669
LIMIT OF CONSTRUCTION STA. 683+30.902
TIE TO EXISTING
LIMIT OF CONSTRUCTION
North Bay Indian Reserve No. 5
North Bay IR No. 5
647+00
658+00
665+40
670+40
680+00
263+20
SUNNYBRAE-CANOE POINT ROAD
SYLVESTER ROAD
WHITE CREEK
TAPPEN STATION ROAD
ARMOUSE ROAD
TAPPEN VALLEY ROAD
PRIVATE ROAD
CP RAIL
TAPPEN CREEK
SCHNEIDER PLACE
TRANS-CANADA HIGHWAY No. 1
L100
L140
L200
L300
L400
L500
L550
L1000
TEMPORARY DETOUR TRAFFIC FOR WHITE CREEK PHASE 2 CONSTRUCTION. SEE STRUCTURES DRAWINGS FOR DETAILED CONSTRUCTION STAGING.
COMPLETE CONSTRUCTION OF WHITE CREEK CULVERT
DEMOLISH EXISTING TAPPEN OVERHEAD BRIDGE AND CONSTRUCT WESTBOUND HALF OF THE STRUCTURE
DETOUR TRAFFIC ONTO COMPLETED EASTBOUND HALF OF TAPPEN OVERHEAD BRIDGE
DETOUR TRAFFIC ONTO COMPLETE TAPPEN CREEK BRIDGE STRUCTURE



KAULT HILL ROCK CUT AREA

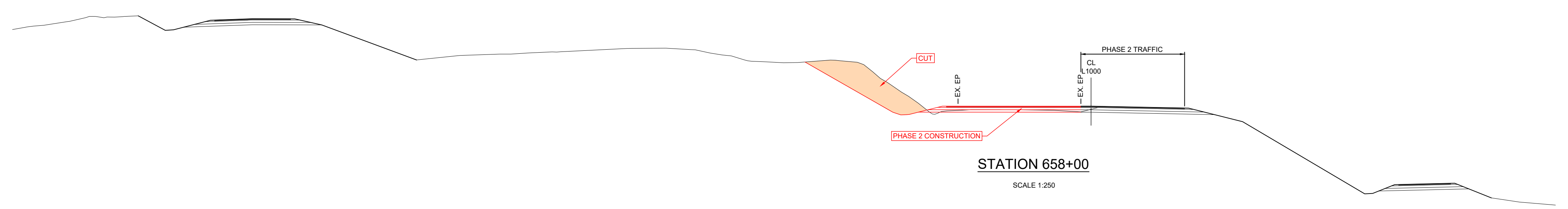
LEGEND

🟧	CURRENT PHASE FILL AREA
🟩	CURRENT PHASE CUT AREA
🟦	COMPLETED FILL/CUT AREA
🟨	CURRENT PHASE CONSTRUCT AREA
🟪	FUTURE FILL/CUT AREA
⬜	COMPLETED ROADWAY
—	DETOUR DESIGN
—	DETOUR CONSTRUCTION
—	CONSTRUCTION ACCESS


CL
L100
PHASE 2 CONSTRUCTION
EX EP
CL
L1000
PHASE 2 TRAFFIC
TYPE A FILL
CL
L300

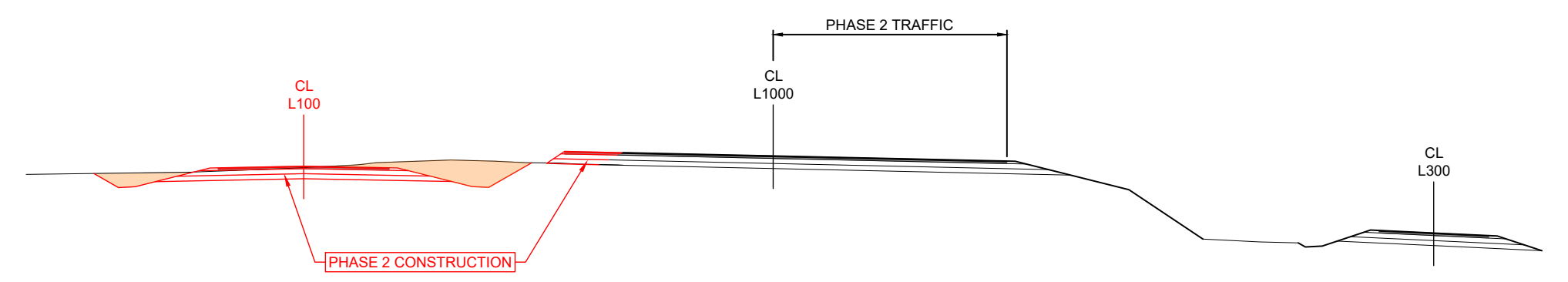
STATION 647+00

SCALE 1:250


CUT
EX EP
CL
L1000
PHASE 2 TRAFFIC
PHASE 2 CONSTRUCTION

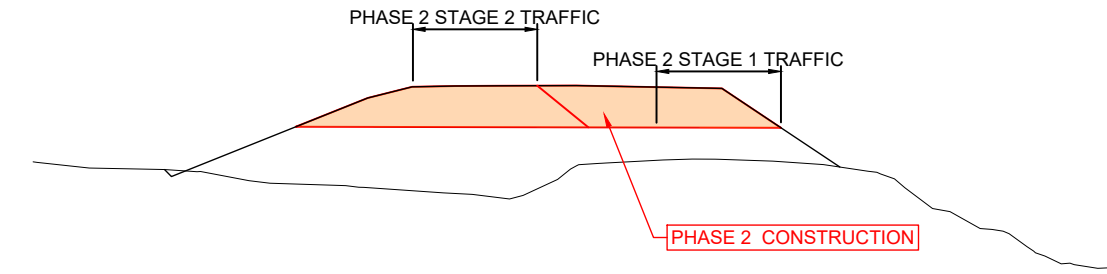
STATION 658+00

SCALE 1:250


CL
L100
CL
L1000
PHASE 2 TRAFFIC
CL
L300
PHASE 2 CONSTRUCTION

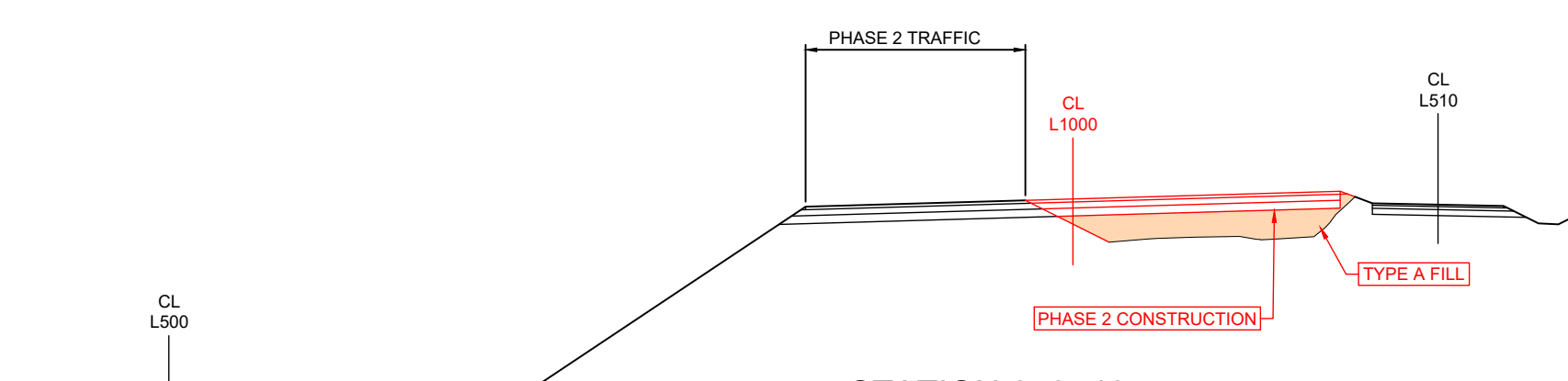
STATION 665+40

SCALE 1:250


PHASE 2 STAGE 2 TRAFFIC
PHASE 2 STAGE 1 TRAFFIC
PHASE 2 CONSTRUCTION

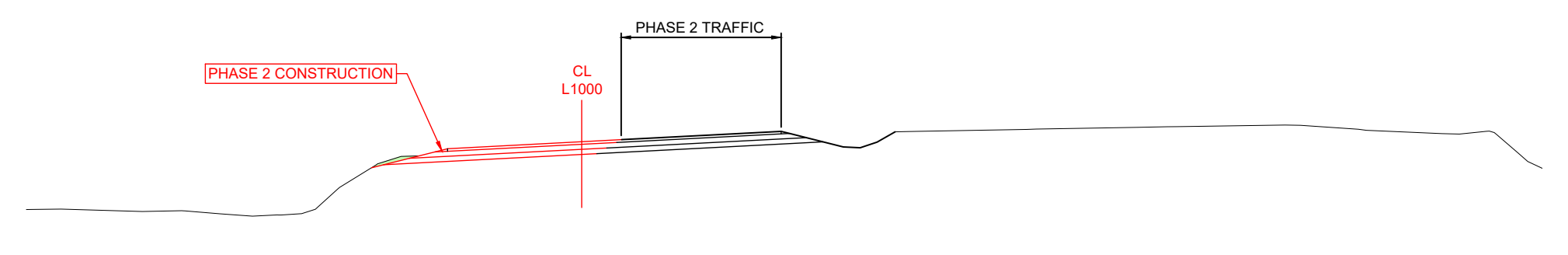
STATION 263+20

SCALE 1:250


CL
L500
PHASE 2 TRAFFIC
CL
L1000
CL
L510
PHASE 2 CONSTRUCTION
TYPE A FILL

STATION 670+40

SCALE 1:250


PHASE 2 CONSTRUCTION
CL
L1000
PHASE 2 TRAFFIC

STATION 680+00

SCALE 1:250

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HIGHWAY ENGINEERING
SOUTHERN INTERIOR REGION

Project 24913 - 0001
Trans-Canada Highway No. 1
Ford Road to Tappen Valley Road

Suggested Construction Phasing
PHASE 2

MARCH 1, 2023

0 20 1:2000 100m

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