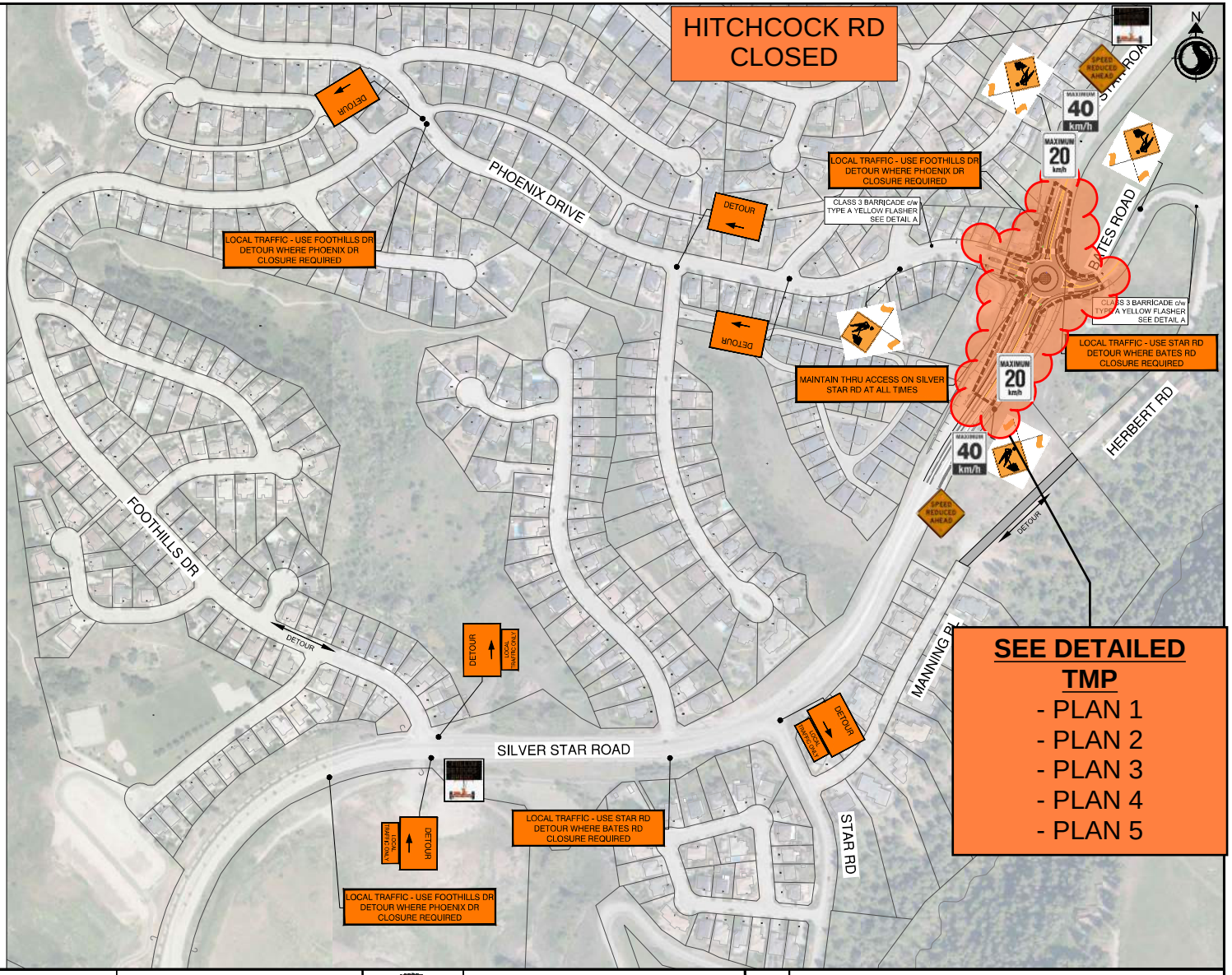
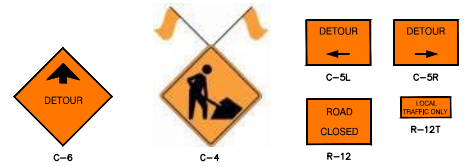
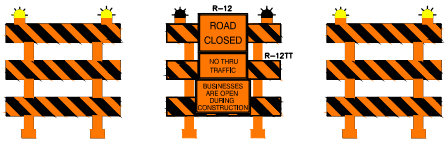
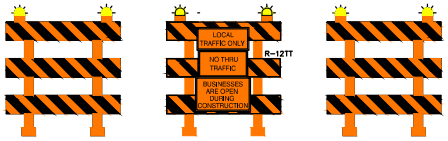






DETAIL A

CLASS 3 BARRICADE c/w TYPE A YELLOW FLASHERS (TYP.)



DETAIL B

CLASS 3 BARRICADE c/w TYPE A YELLOW FLASHERS (TYP.)

CONSTRUCTION PHASE BOUNDARY

TRAFFIC MANAGEMENT PLAN NOTES:

1. THIS TRAFFIC MANAGEMENT PLAN IS TO BE USED AS A TEMPLATE FOR BIDDING PURPOSES TO DEMONSTRATE THE CONTRACTOR'S APPROACH TO TRAFFIC STAGING. THE CONTRACTOR WILL BE RESPONSIBLE FOR CREATING THEIR OWN TRAFFIC MANAGEMENT PLAN REQUIRED AS PART OF THE SUBMISSION AND APPROVAL PROCESS FOR A CITY ROAD USE PERMIT.
2. THE CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS IN THE PERMIT TO CONSTRUCT, USE, AND MAINTAIN WORKS WITHIN THE RIGHT-OF-WAY OF A PROVINCIAL PUBLIC HIGHWAY.
3. ALL NOTICE OF CONSTRUCTION SIGNAGE SHALL BE IN PLACE FOR THE DURATION OF THE PROJECT.
4. ALL CONSTRUCTION SIGNAGE SHALL MOVE WITH THE WORK AREAS AS REQUIRED.
5. THE CONTRACTOR SHALL ERECT ALL SIGNAGE AND OBTAINED A PERMIT TO WORK WITHIN THE MoTI OR CITY RIGHT-OF-WAY PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL CHECK FOR CONFLICTING INFORMATION ON EXISTING SIGNAGE AND ADVISE THE CONTRACT ADMINISTRATOR.
7. THE CONTRACTOR SHALL COORDINATE WITH AFFECTED BUSINESSES TO MAINTAIN VEHICLE ACCESS AS REQUIRED. MINIMUM SINGLE LANE ACCESS TO ALL DRIVEWAYS SHALL BE MAINTAINED FOR LOCAL TRAFFIC.
8. SIGNAGE AND SPACING SHALL BE IN CONFORMANCE WITH THE BC MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE'S TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS (LATEST EDITION).
9. FLAG PERSONS SHALL BE USED FOR SINGLE LANE TRAFFIC ONLY AND AS REQUIRED.
10. THE CONTRACTOR TO ENSURE ACCESS TO FIRE HYDRANTS AT ALL TIMES.
11. THE CONTRACTOR SHALL COORDINATE WITH EMERGENCY SERVICES, BC TRANSIT BUS AUTHORITY AND SCHOOL BUS AUTHORITY WEEKLY FOR ACCESS TO THE AREA.
12. THE CONTRACTOR SHALL MAINTAIN AT LEAST SINGLE LANE ACCESS AT ALL TIMES TO BUSINESSES.
13. THE CONTRACTOR SHALL PROVIDE MINIMUM CLASS 2 BARRICADES c/w TYPE A YELLOW FLASHERS FOR ROAD BLOCKAGES.
14. THE CONTRACTOR SHALL PROVIDE SAFE ACCESS FOR PEDESTRIANS AT ALL TIMES.
15. THE CONTRACTOR SHALL SUPPLY CONTRACT ADMINISTRATOR WITH UPDATED TRAFFIC MANAGEMENT PLANS IF CONDITIONS CHANGE.

1:2000 0 20 60 100m

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14.11.2024

ISSUE / REVISION INFORMATION	ISSUE No.	DATE	DESIGNED	DRAWN	CHECKED	DESCRIPTION
	1	24/05/27	JTP	CJM	IB	ISSUED FOR PRELIMINARY DESIGN REVIEW
	2	24/09/20	JTP	JJI	IB	ISSUED FOR 90% DETAILED DESIGN
	3	24/11/14	JTP	JJI	IB	ISSUED FOR TENDER

Stantec

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA J. T. PETERSON # 48607 ENGINEER 2024-11-14

CITY OF Vernon
ENGINEERING AND GIS SERVICES

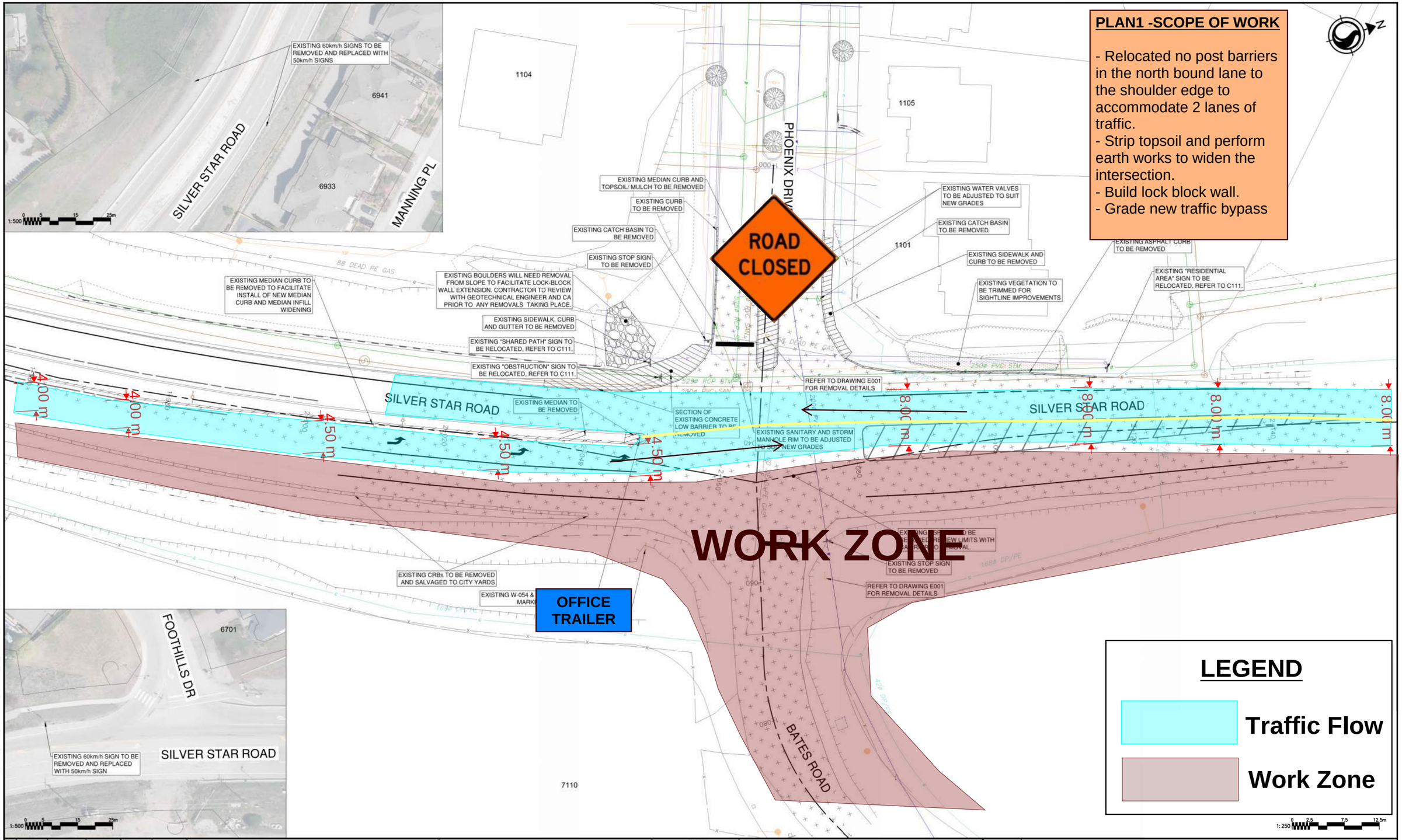
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V: N/A

SHEET
16 OF 19

TITLE
TRAFFIC MANAGEMENT PLAN

SILVER STAR ROAD AT PHOENIX DRIVE ROUNDABOUT (RAB)

DRAWING NUMBER
C701



PLAN1 -SCOPE OF WORK

- Relocated no post barriers in the north bound lane to the shoulder edge to accommodate 2 lanes of traffic.
- Strip topsoil and perform earth works to widen the intersection.
- Build lock block wall.
- Grade new traffic bypass

LEGEND

Traffic Flow

Work Zone

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06.03.2025

ISSUE / REVISION INFORMATION	ISSUE No.	DATE	DESIGNED	DRAWN	CHECKED	DESCRIPTION
	1	25/03/07	JTP	JJI	IB	ISSUED FOR CONSTRUCTION

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PROFESSIONAL ENGINEER — PROVINCE OF — J. T. PETERSON # 46207 — 2025-03-07

CITY OF Vernon

ENGINEERING AND GIS SERVICES

SCALE
H: 1:250
V: N/A

SHEET
4 OF 19

PLAN 1

SILVER STAR ROAD AT PHOENIX DRIVE ROUNDABOUT (RAB)

DRAWING NUMBER
C001

PLAN 2 -SCOPE OF WORK

-Removals/Earthworks
-Storm works
-Electrical works
-Retaining walls
-Gravels
-Concrete works (not includjing median curbs and inlay)
-Restoration behind curb (TBD)
-Pave bottom lift (TBD)

ROAD CLOSED

WORK ZONE

ROAD CLOSED

SILVER STAR ROAD

PHOENIX DRIVE

1104

1105

1101

7025

7110

FUTURE DEVELOPMENT SITE

1.0m BARRIER CURB TRANSITION TO EXISTING CURB

TIE MUP INTO EXISTING SIDEWALK

3m MUP LETDOWN c/w 1m CURB TRANSITIONS

NEW MEDIAN BARRIER CURB

PRECAST CONCRETE DRAINAGE BARRIERS (CDB) - 690mm c/w TRANSITION AND BULLNOSE BARRIER AT EACH END

PROPOSED 2-BLOCK HIGH LOCK-BLOCK WALL EXTENSION. REFER TO DETAIL C & G, SHEET C601

TIE INTO EXISTING MUP

PROPOSED CONCRETE SIDEWALK

CYCLE TRACK LETDOWN, REFER TO DETAIL ON SHEET C-601

CYCLE TRACK LETDOWN. REFER TO DETAIL ON SHEET C-601

EXTEND CONCRETE MEDIAN INFILL TO ACHIEVE SINGLE-LANE ROUNDABOUT APPROACH

1.0m BARRIER CURB TRANSITION. TIE TO EXISTING ASPHALT

MUP ASPHALT LETDOWN

PROPOSED 2-BLOCK HIGH LOCK-BLOCK WALL c/w CHAIN LINK FENCE. REFER TO DETAIL B & F, SHEET C601

PROPOSED 2-BLOCK HIGH LOCK-BLOCK WALL c/w CHAIN LINK FENCE. REFER TO DETAIL B & E, SHEET C601

3m MUP LETDOWN c/w 1m CURB TRANSITIONS

3m MUP LETDOWN c/w 1m CURB TRANSITIONS

CONTINUATION - SEE BELOW

CONTINUATION - SEE ABOVE

8.00 m

1:250 0 2.5 7.5 12.5m

LEGEND

Traffic Flow

Work Zone

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06.03.2025

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CITY OF Vernon
ENGINEERING AND GIS SERVICES

SCALE H: 1:250 V: N/A

SHEET 5 OF 19

PLAN 2

SILVER STAR ROAD AT PHOENIX DRIVE ROUNDABOUT (RAB)

DRAWING NUMBER C101

PLAN 3 -SCOPE OF WORK

-Removals/Earthworks
-Storm works
-Electrical works
-Gravels
-Concrete works (not includjing median curbs and inlay)
-Restoration behind curb (TBD)
-Replace no post barriers
-Pave bottom lift (TBD)

ROAD CLOSED

1.0m BARRIER CURB TRANSITION TO EXISTING CURB
TIE MUP INTO EXISTING SIDEWALK
3m MUP LETDOWN c/w 1m CURB TRANSITIONS
3m MUP LETDOWN c/w 1m CURB TRANSITIONS
NEW MEDIAN BARRIER CURB
PRECAST CONCRETE DRAINAGE BARRIERS (CDB) - 690mm c/w TRANSITION AND BULLNOSE BARRIER AT EACH END
PROPOSED 2-BLOCK HIGH LOCK-BLOCK WALL EXTENSION. REFER TO DETAIL C & G, SHEET C601
TIE INTO EXISTING MUP
PROPOSED CONCRETE SIDEWALK
CYCLE TRACK LETDOWN. REFER TO DETAIL ON SHEET C-601
CONTINUATION - SEE BELOW
SILVER STAR ROAD
PHOENIX DRIVE
1104
1105
1101
88 DEAD PE GAS
250ø PVC STM
168ø DP/PE
420ø DP/PE
WORK ZONE
CYCLE TRACK LETDOWN. REFER TO DETAIL ON SHEET C-601
EXTEND CONCRETE MEDIAN INFILL TO ACHIEVE SINGLE-LANE ROUNDABOUT APPROACH
1.0m BARRIER CURB TRANSITION. TIE TO EXISTING ASPHALT
MUP ASPHALT LETDOWN
PROPOSED 2-BLOCK HIGH LOCK-BLOCK WALL c/w CHAIN LINK FENCE. REFER TO DETAIL B & F, SHEET C601
PROPOSED 2-BLOCK HIGH LOCK-BLOCK WALL c/w CHAIN LINK FENCE. REFER TO DETAIL B & E, SHEET C601
3m MUP LETDOWN c/w 1m CURB TRANSITIONS
FUTURE DEVELOPMENT SITE
7110
3m MUP LETDOWN c/w 1m CURB TRANSITIONS
BATES ROAD
ROAD CLOSED
7025
CONTINUATION - SEE ABOVE
1:250 0 2.5 7.5 12.5m

LEGEND

Traffic Flow
Work Zone

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06.03.2025

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ISSUE / REVISION INFORMATION

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CITY OF Vernon
ENGINEERING AND GIS SERVICES

SCALE H: 1:250 V: N/A
SHEET 5 OF 19

PLAN 3

SILVER STAR ROAD AT PHOENIX DRIVE ROUNDABOUT (RAB)

DRAWING NUMBER C101

PLAN 4 - SINGLE LANE ALTERNATING

-When needed

ROAD CLOSED

1.0m BARRIER CURB TRANSITION TO EXISTING CURB

TIE MUP INTO EXISTING SIDEWALK

3m MUP LETDOWN c/w 1m CURB TRANSITIONS

3m MUP LETDOWN c/w 1m CURB TRANSITIONS

NEW MEDIAN BARRIER CURB

PRECAST CONCRETE DRAINAGE BARRIERS (CDB) - 690mm c/w TRANSITION AND BULLNOSE BARRIER AT EACH END

PROPOSED 2-BLOCK HIGH LOCK-BLOCK WALL EXTENSION. REFER TO DETAIL C & G, SHEET C601

TIE INTO EXISTING MUP

SILVER STAR ROAD

CONTINUATION - SEE BELOW

1104

1105

1101

7110

7025

FUTURE DEVELOPMENT SITE

PHOENIX DRIVE

BATES ROAD

88 DEAD PE GAS

250ø PVC STM

168ø DP/PE

42ø DP/PE

25-35m | 40m | 40m | 40m

STOP HERE ON RED

BE PREPARED TO STOP

SINGLE LANE TRAFFIC

CONSTRUCTION

CYCLE TRACK LETDOWN. REFER TO DETAIL ON SHEET C-601

1.0m BARRIER CURB TRANSITION. TIE TO EXISTING ASPHALT

MUP ASPHALT LETDOWN

PROPOSED 2-BLOCK HIGH LOCK-BLOCK WALL c/w CHAIN LINK FENCE. REFER TO DETAIL B & F, SHEET C601

PROPOSED 2-BLOCK HIGH LOCK-BLOCK WALL c/w CHAIN LINK FENCE. REFER TO DETAIL B & E, SHEET C601

3m MUP LETDOWN c/w 1m CURB TRANSITIONS

3m MUP LETDOWN c/w 1m CURB TRANSITIONS

CONSTRUCTION | SINGLE LANE TRAFFIC | BE PREPARED TO STOP | STOP HERE ON RED | CYCLE TRACK LETDOWN. REFER TO DETAIL C-601 | 40m | 40m | 40m | 25-35m

EXTEND MEDIAN INFILL TO ACHIEVE SINGLE-LANE ROUNDABOUT APPROACH

CONTINUATION - SEE ABOVE

1:250 0 2.5 7.5 12.5m

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06.03.2025

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CITY OF Vernon

ENGINEERING AND GIS SERVICES

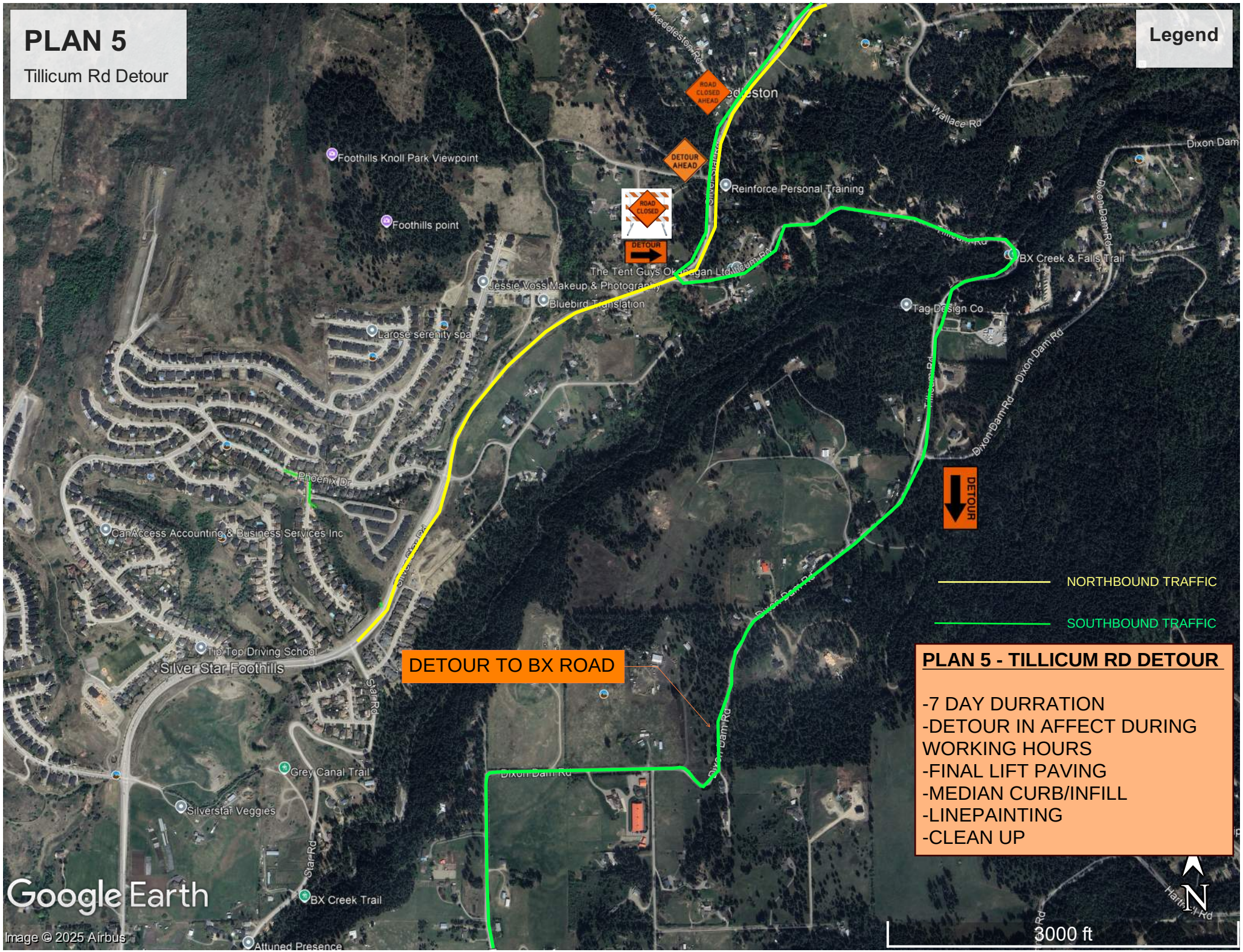
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SHEET 5 OF 19

PLAN 4

SILVER STAR ROAD AT PHOENIX DRIVE ROUNDABOUT (RAB)

DRAWING NUMBER C101


PLAN 5
Tillicum Rd Detour
Legend
ROAD CLOSED AHEAD
DETOUR AHEAD
ROAD CLOSED
DETOUR
DETOUR
Foothills Knoll Park Viewpoint
Foothills point
Reinforce Personal Training
The Tent Guys Okanagan Ltd
Jessie Voss Makeup & Photography
Bluebird Translation
Larose serenity spa
Tag Design Co
BX Creek & Falls Trail
Wallace Rd
Dixon Dam
Dixon Dam Rd
Phoenix Dr
Can Access Accounting & Business Services Inc
Silver Star Rd
Trio Top Driving School
Silver Star Foothills
Grey Canal Trail
Silverstar Veggies
BX Creek Trail
Attuned Presence
NORTHBOUND TRAFFIC
SOUTHBOUND TRAFFIC
DETOUR TO BX ROAD
PLAN 5 - TILLICUM RD DETOUR
-7 DAY DURRATION
-DETOUR IN AFFECT DURING WORKING HOURS
-FINAL LIFT PAVING
-MEDIAN CURB/INFILL
-LINEPAINTING
-CLEAN UP
N
3000 ft
Google Earth
Image © 2025 Airbus