

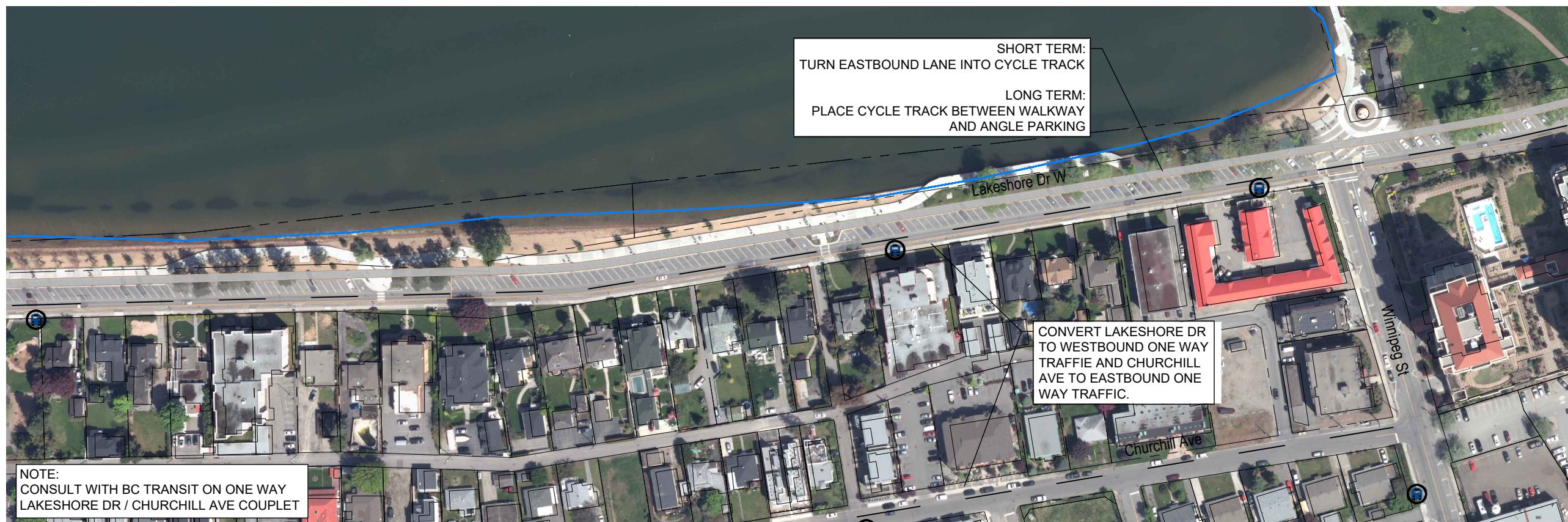
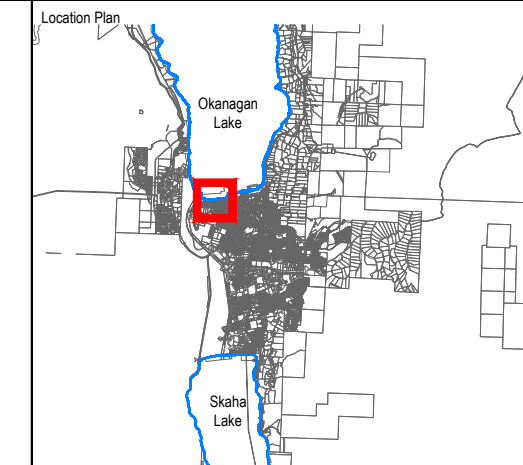
---

## 6.11 CONCEPT OPTIONS FOR KEY PROJECTS

The City identified the following locations as opportunities for implementation and, as such, preliminary conceptual cross sections are provided to assist with next steps.:

- Lakeshore Drive Cycle Facility;
- Government & Eckhardt Intersection and Pathways;
- Skaha Lake Road and Highway 97 Cycling Facility; and,
- Lower Bench Road, Middle Bench Road, Naramata Road.





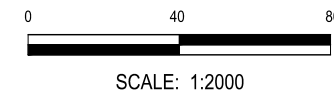
NOTE:  
CONSULT WITH BC TRANSIT ON ONE WAY  
LAKESHORE DR / CHURCHILL AVE COUPLET



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Lakeshore Dr West



Project No.:  
20M-00462-00

Date:  
2021-04-09

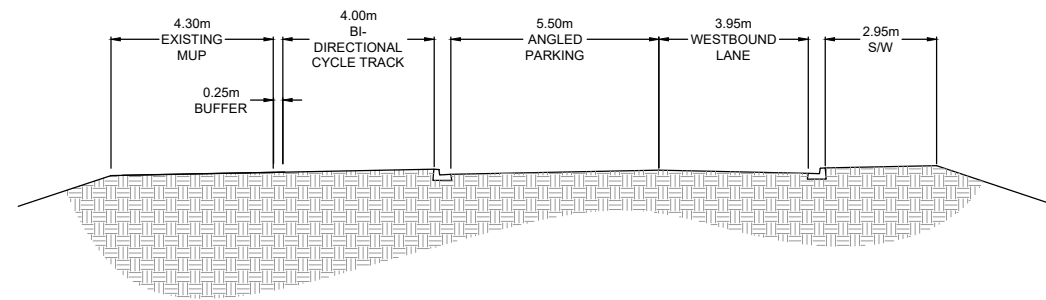
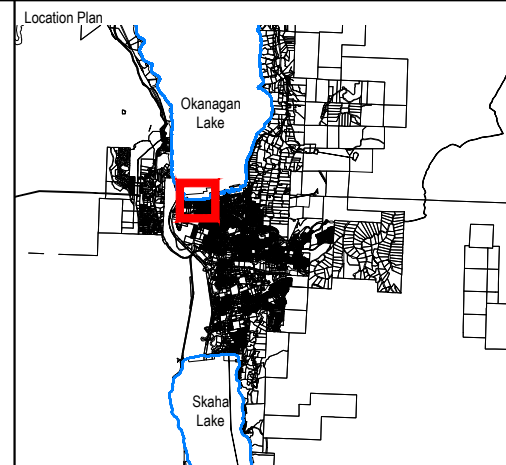
Figure:  
01A

Client:

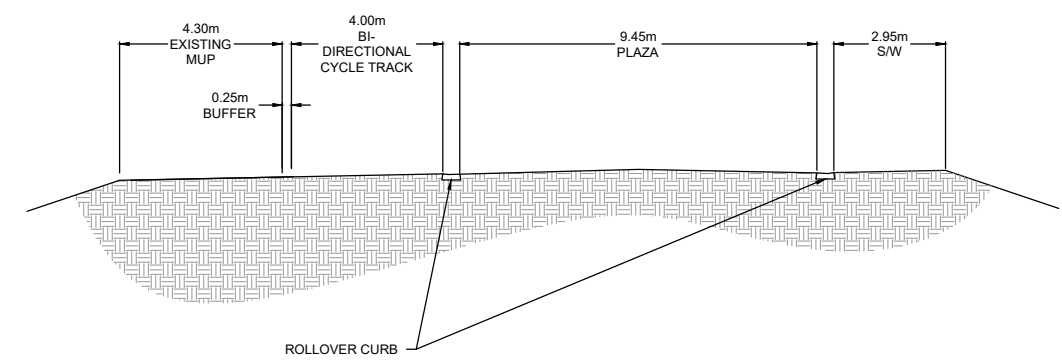


C:\Users\ca072677\AppData\Local\Temp\AcPublish\_3064020M-00462-00\_FIGURES (1-2).dwg Apr 09 2021 1:08am BY: (CAC0072677)





**A**  
1B **TYPICAL SECTION - OPTION 1**  
SCALE: 1:200



**B**  
1B **TYPICAL SECTION - OPTION 2**  
SCALE: 1:200



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Lakeshore Dr West - Typical Cross Sections



Project No.: 20M-00462-00

Date: 2021-04-09

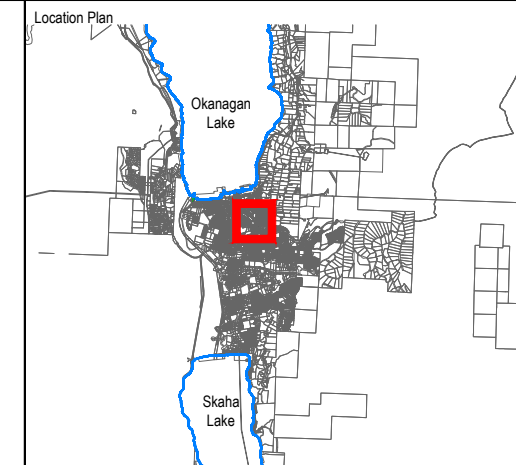
Figure: 01B

Client:



P:\2020\20M-00462-00 - Penticton Integrated Infrastructure Master Plan\3\_Tech\3\_Cadd\3\_Sheets\20M-00462-00\_FIGURES (1-2).dwg Apr 12, 2021 2:07pm BY: (springsteads)





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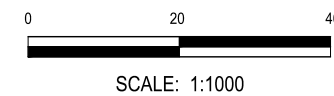


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### Government St MUP Extension



Project No.: 20M-00462-00

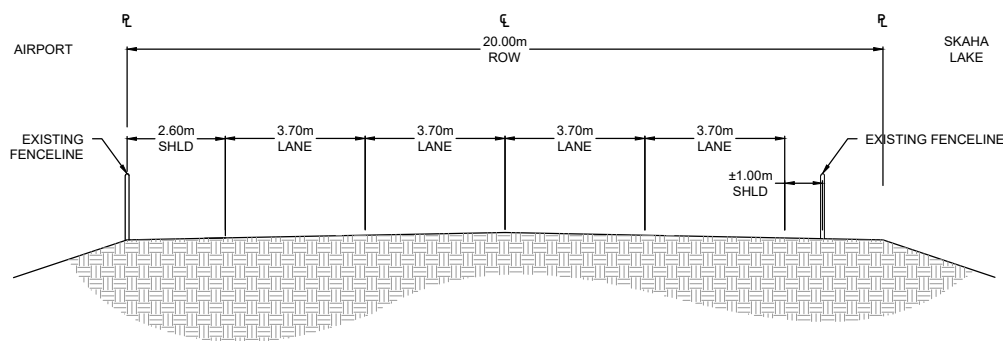
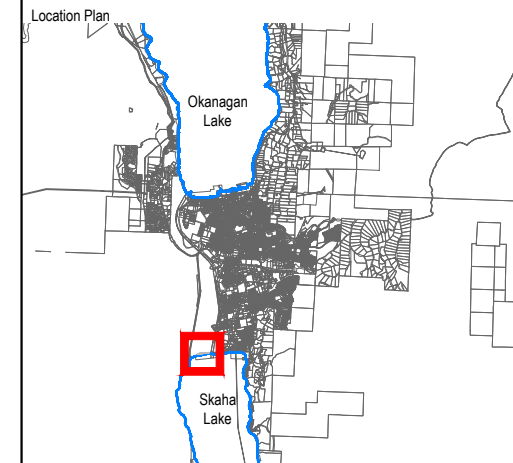
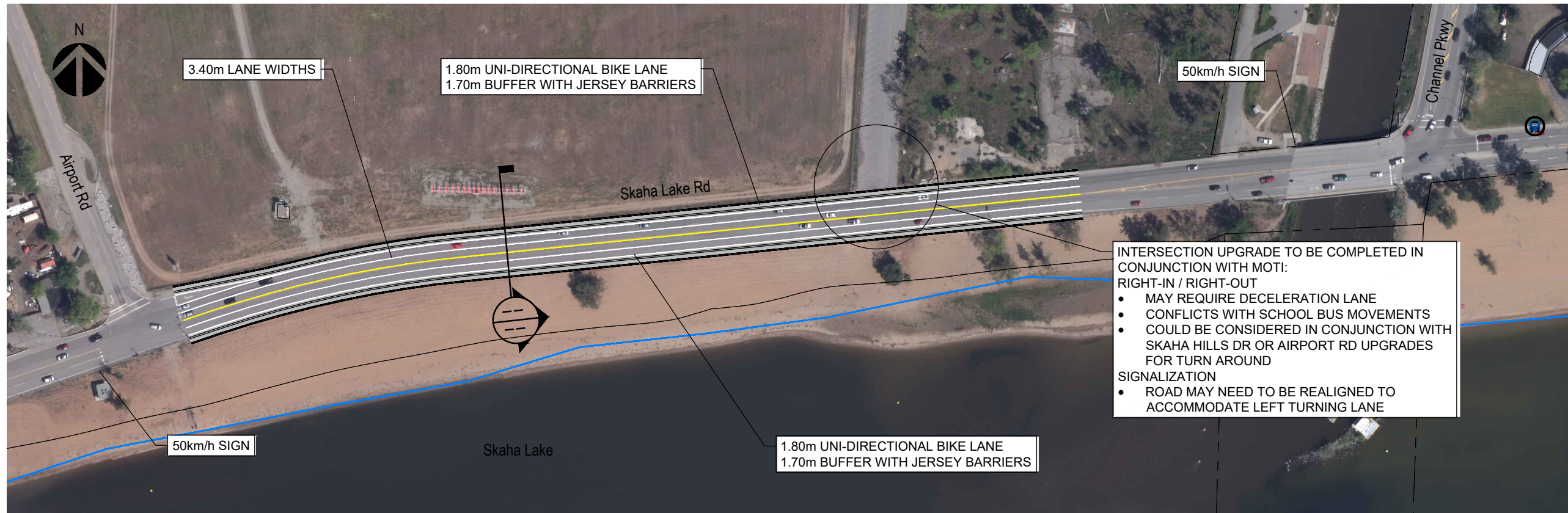
Date: 2021-04-09

Figure: 02

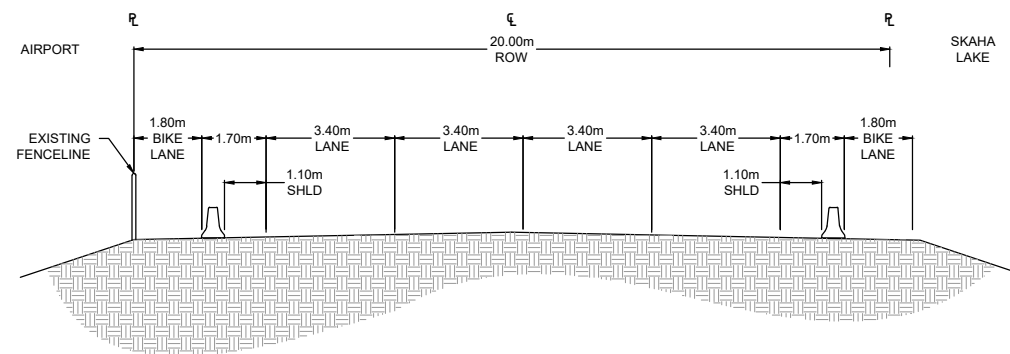
Client:







**A**  
3A  
**EXISTING CROSS SECTION**  
SCALE: 1:200



**B**  
3A  
**PROPOSED CROSS SECTION**  
SCALE: 1:200

**CONSULT WITH MOTI ON:**

- SPEED REDUCTION FROM 50km/h TO 30km/h
- LANE WIDTH REDUCTION FROM 3.7m TO 3.4m
- SHOULDER WIDTH REDUCTION
- ACCESSES

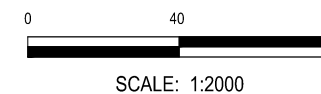


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Skaha Lake Rd - Short Term Option 1



Project No.: 20M-00462-00

Date: 2021-04-09

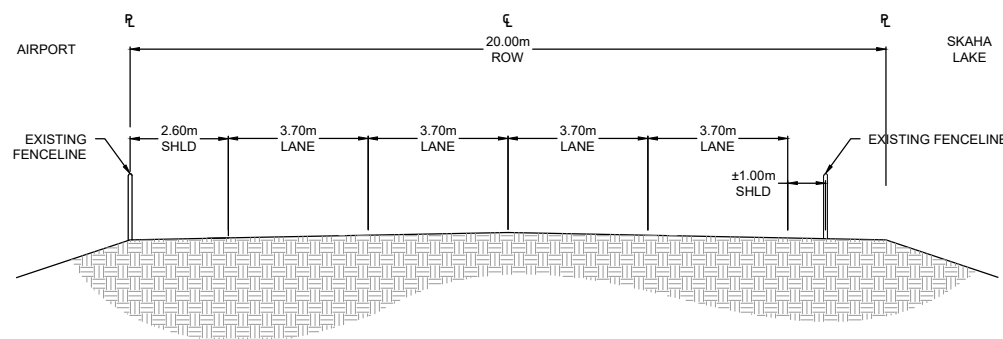
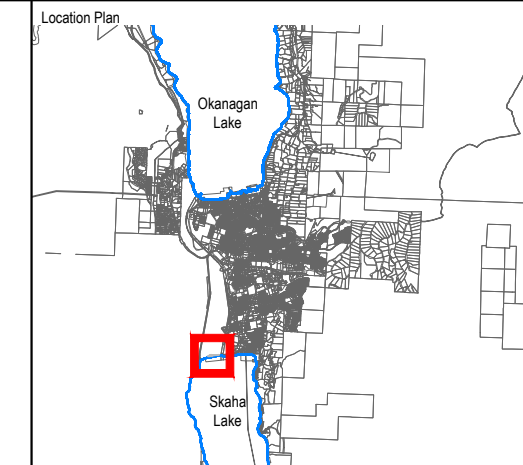
Figure: 03A

Client:

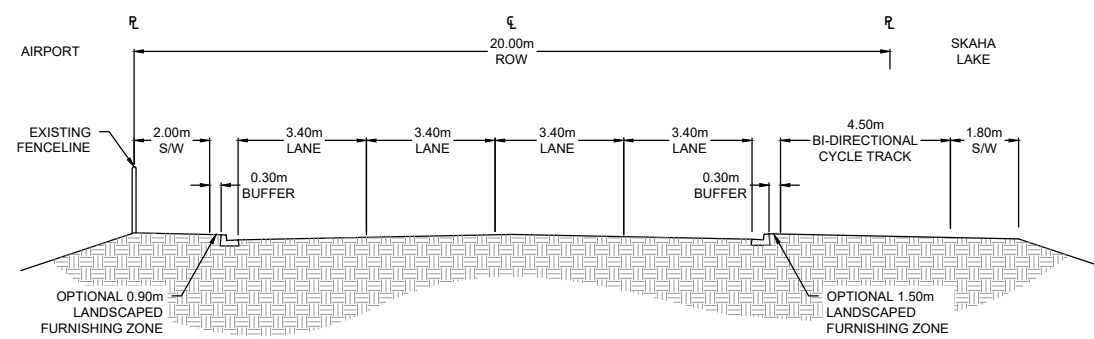


P:\2020\20M-00462-00 - Penticton Integrated Infrastructure Master Plan\3\_Technical\_Cadd\3\_Figures (3A-D).dwg Apr 12, 2021 3:12pm B.Y.(springsleads)





**A**  
3C  
**EXISTING CROSS SECTION**  
SCALE: 1:200



**B**  
3C  
**PROPOSED CROSS SECTION**  
SCALE: 1:200

- CONSULT WITH MOTI ON:**
- SPEED REDUCTION FROM 50km/h TO 30km/h
  - LANE WIDTH REDUCTION FROM 3.7m TO 3.4m
  - SHOULDER WIDTH REDUCTION
  - ACCESSES

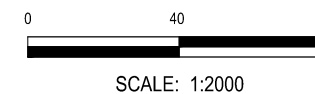


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Skaha Lake Rd - Long Term Option 1



Project No.: 20M-00462-00

Date: 2021-04-09

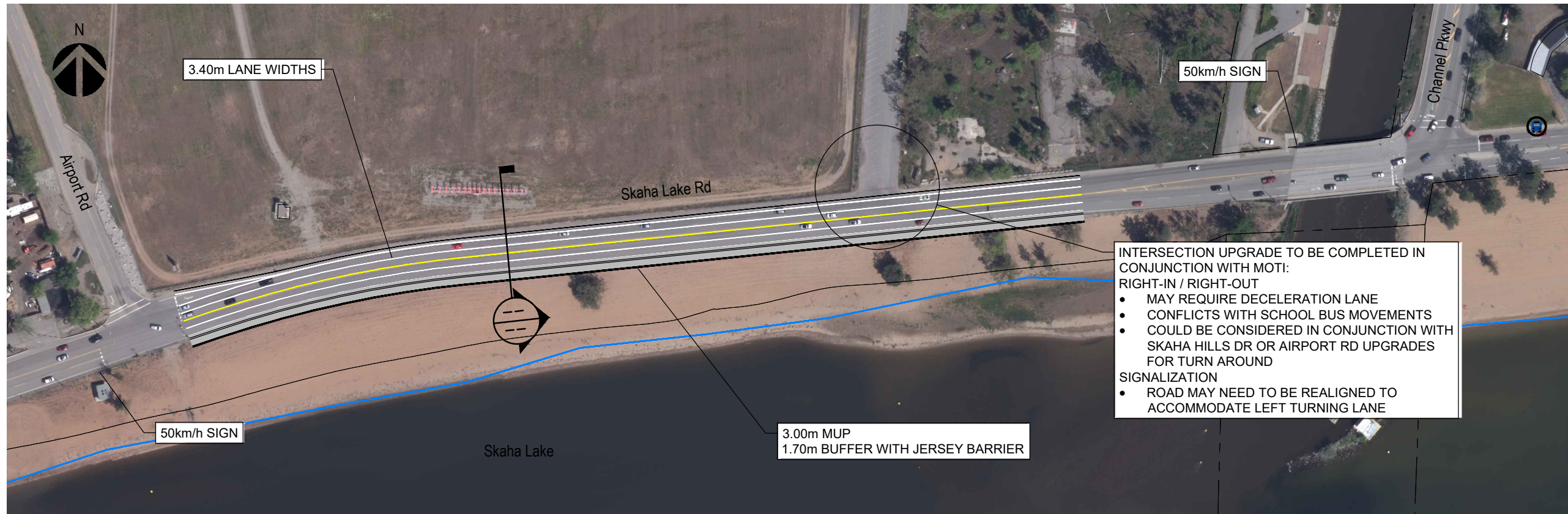
Figure: 03C

Client:



P:\2020\20M-00462-00 - Penticton Integrated Infrastructure Master Plan\3\_Technical\_Cadd\3\_Sheets\20M-00462-00\_FIGURES (3A-D).dwg Apr 12, 2021 3:14pm B.Y.(springsleads)



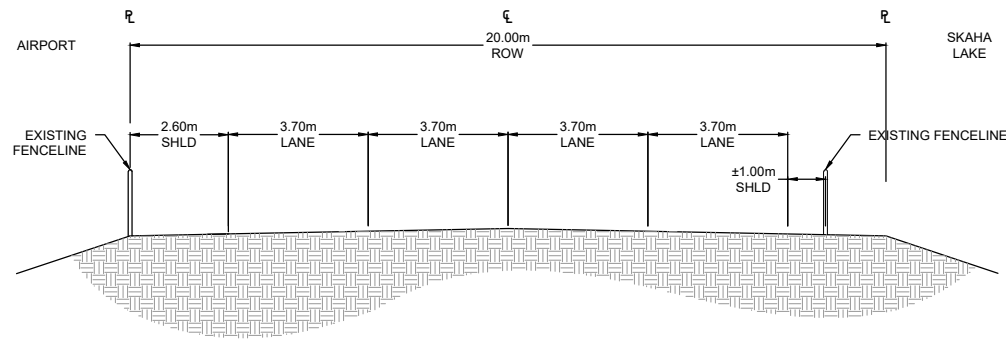
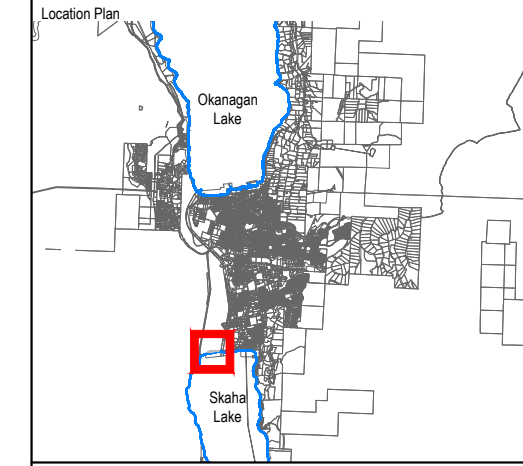


INTERSECTION UPGRADE TO BE COMPLETED IN CONJUNCTION WITH MOTI:  
 RIGHT-IN / RIGHT-OUT

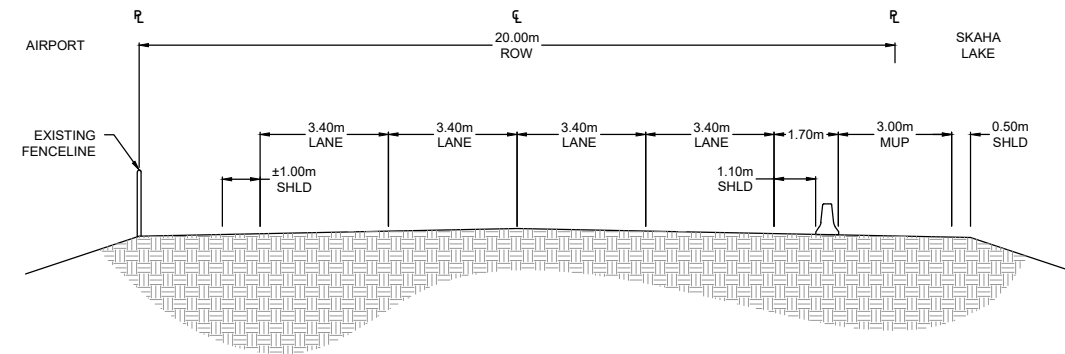
- MAY REQUIRE DECELERATION LANE
- CONFLICTS WITH SCHOOL BUS MOVEMENTS
- COULD BE CONSIDERED IN CONJUNCTION WITH SKAHA HILLS DR OR AIRPORT RD UPGRADES FOR TURN AROUND

SIGNALIZATION

- ROAD MAY NEED TO BE REALIGNED TO ACCOMMODATE LEFT TURNING LANE



**A** **EXISTING CROSS SECTION**  
 3B SCALE: 1:200



**B** **PROPOSED CROSS SECTION**  
 3B SCALE: 1:200

CONSULT WITH MOTI ON:

- SPEED REDUCTION FROM 50km/h TO 30km/h
- LANE WIDTH REDUCTION FROM 3.7m TO 3.4m
- SHOULDER WIDTH REDUCTION
- ACCESSES

P:\2020\20M-00462-00 - Penticton Integrated Infrastructure Master Plan\3\_Technical\_Cadd\3\_FIGURES (QA-D).dwg Apr 12, 2021 3:13pm BY: (springsleas)

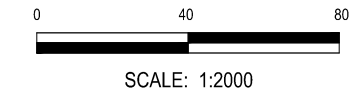


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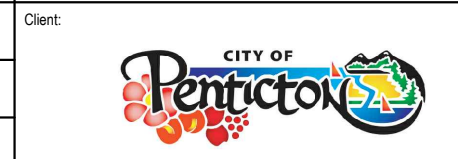
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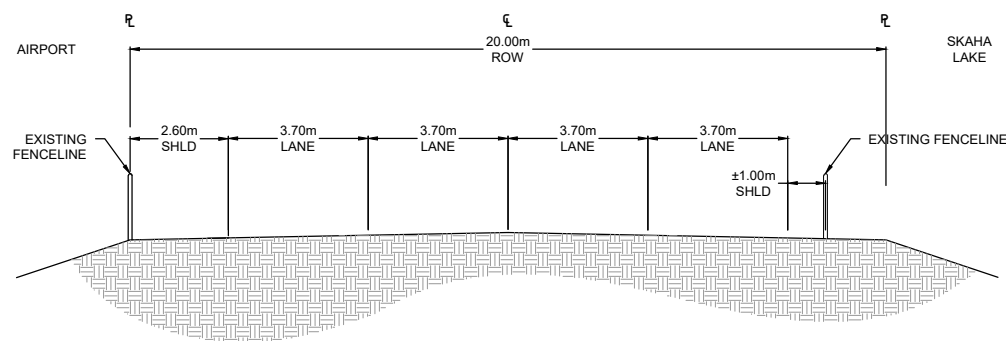
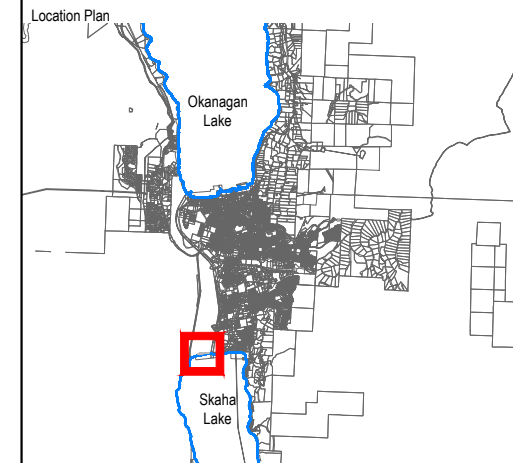
Skaha Lake Rd - Short Term Option 2



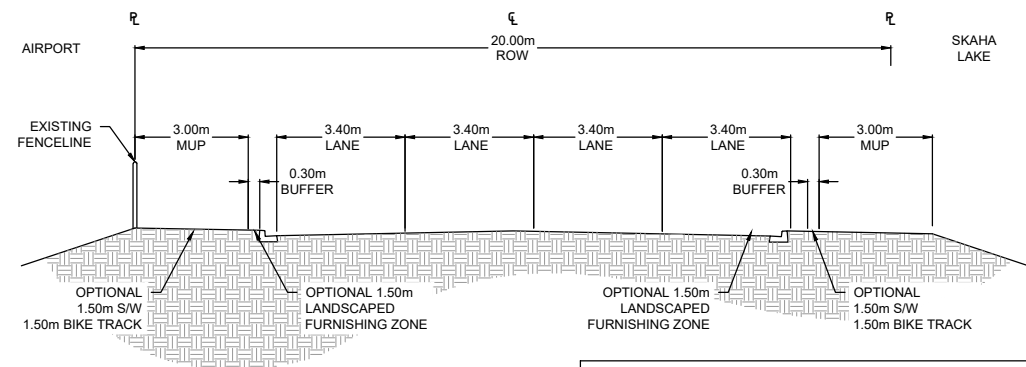
Project No.: 20M-00462-00  
 Date: 2021-04-09  
 Figure: 03B







**A**  
3D  
**EXISTING CROSS SECTION**  
SCALE: 1:200



**B**  
3D  
**PROPOSED CROSS SECTION**  
SCALE: 1:200

- CONSULT WITH MOTI ON:**
- SPEED REDUCTION FROM 50km/h TO 30km/h
  - LANE WIDTH REDUCTION FROM 3.7m TO 3.4m
  - SHOULDER WIDTH REDUCTION
  - ACCESSES

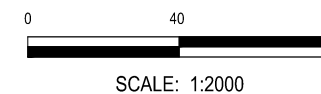


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Skaha Lake Rd - Long Term Option 2



Project No.: 20M-00462-00

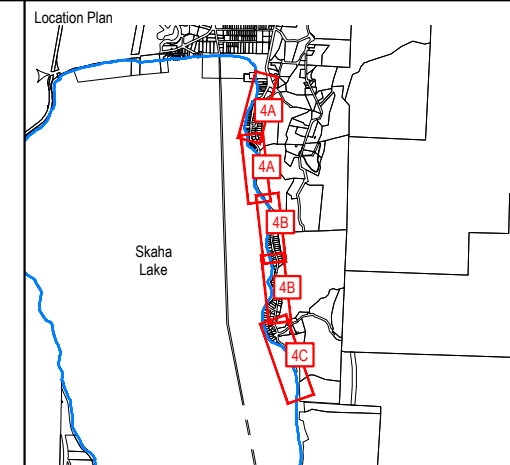
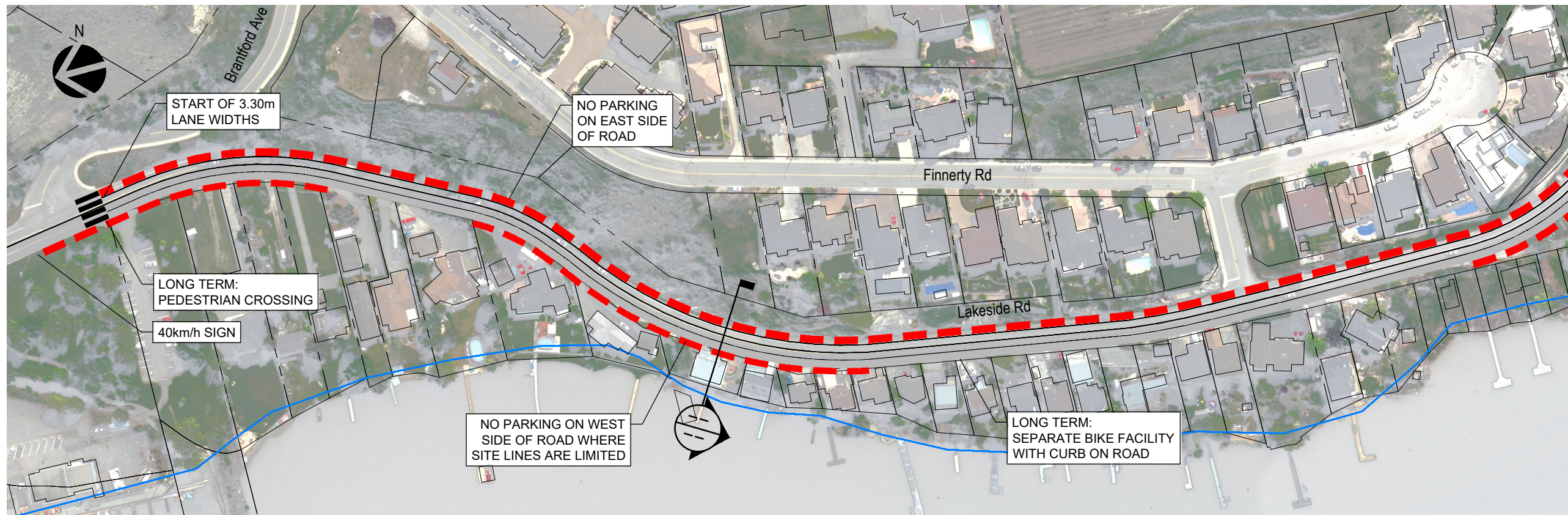
Date: 2021-04-09

Figure: 03D

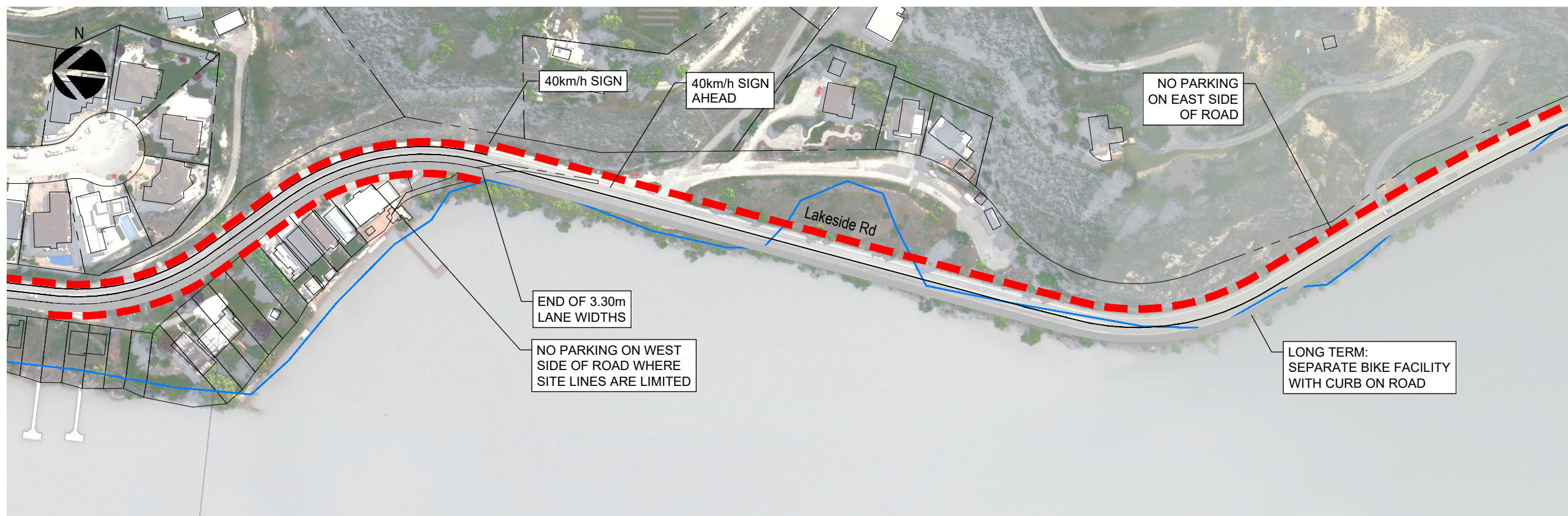
Client:







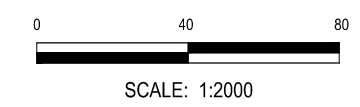
- Legend:
- No Parking
  - MUP (Long Term)



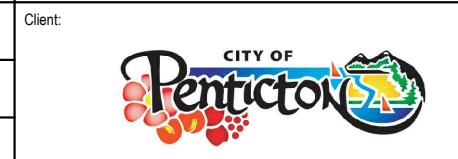
P:\2020\20M-00462-00 - Penticon Integrated Infrastructure Master Plan\3\_Tech\3\_Cadd\3\_Sheets\20M-00462-00 FIGURES (4A-D).dwg, Apr 13, 2021, 2:12pm B.Y.(springstead)



### Lakeside Rd (Long & Short Term)

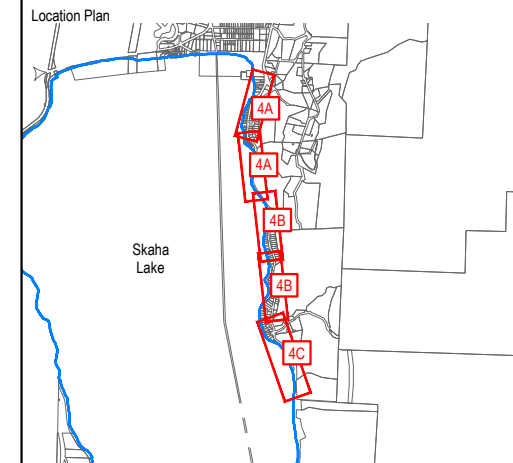
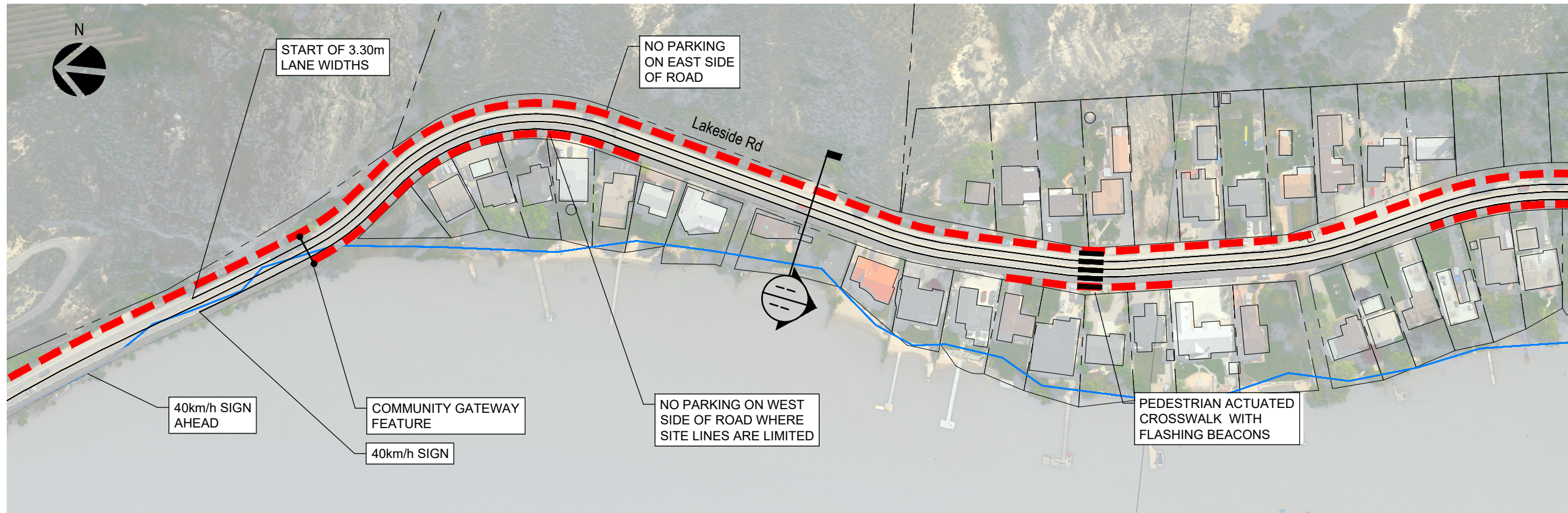


Project No.: 20M-00462-00  
Date: 2021-04-09  
Figure: 04A



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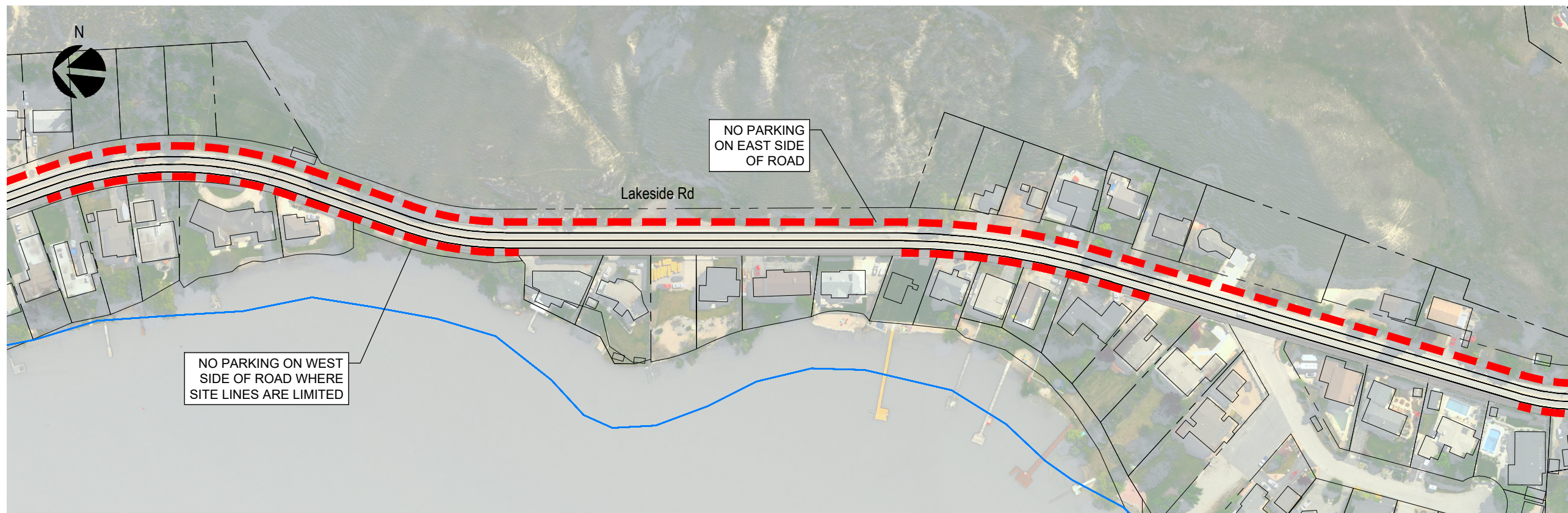




Legend:

No Parking

MUP (Long Term)



P:\2020\20M-00462-00 - Penticton Integrated Infrastructure Master Plan\3\_Tech\3\_Cadd\3\_Sheets\20M-00462-00 FIGURES (4A-D).dwg Apr 13, 2021 2:14pm BY: (springsleas)

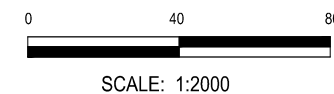


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### Lakeside Rd (Long & Short Term)



Project No.: 20M-00462-00

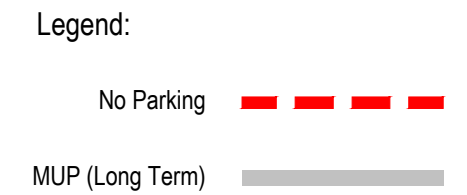
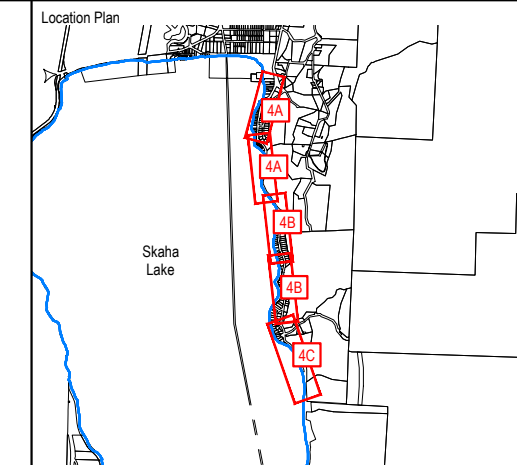
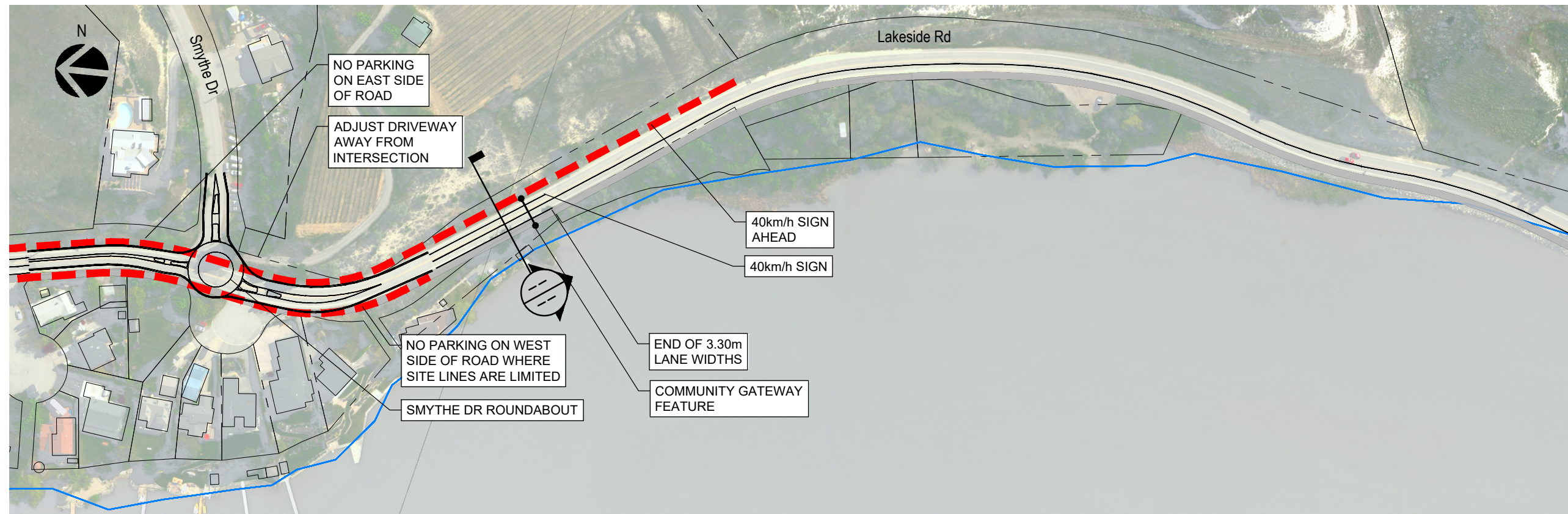
Date: 2021-04-09

Figure: 04B

Client:







**SHORT TERM TRAFFIC CALMING**

1. REDUCE THE LANE WIDTHS TO 3.30m
  - 1.1. COULD BE COMBINED WITH CITY POST IN SELECT LOCATIONS ALONG FOG LINES
  - 1.2. RESTRIPE EXISTING LANES AND INTRODUCE SUPPLEMENTAL MARKINGS
2. INTRODUCE 'URBAN/RESIDENTIAL' TREATMENTS FOR THE TWO RESIDENTIAL AREAS ALONG LAKESIDE DR
  - 2.1. REDUCE POSTED SPEED TO 40km/h
  - 2.2. COMMUNITY GATEWAY FEATURE WITH NOTICE TO REDUCE SPEED
  - 2.3. ADDITIONAL LIGHTING
  - 2.4. ADVANED NOTIFICATION TO REDUCE SPEED
  - 2.5. PEDESTRIAN NOTIFICATION SIGNAGE
  - 2.6. LANE NARROWING, MARKING, OR OTHER PHYSICAL INDICATORS
3. PEDESTRIAN ACTUATED CROSSING WITH FLASHING BEACONS AND PEDESTRIAN LEVEL LIGHTING
4. INSTALL CONVEX MIRRORS AT SELECT LOCATION FOR MOTORISTS EXITING DRIVEWAYS

5. PROHIBIT PARKING IN SOME AREAS
  - 5.1. ENTIRETY OF THE EASTERN SIDE OF LAKESIDE DR
  - 5.2. AREAS WITH LIMITED VISIBILITY ON THE WESTERN SIDE OF LAKESIDE DRIVE
6. IMPROVE SMYTHE RD APPROACH VISIBILITY
  - 6.1. REMOVAL OF VEGETATION AT SOUTHEAST CORNER
  - 6.2. REALIGNMENT OF EXISTING DRIVEWAY AT SOUTHEAST LEG
  - 6.3. IMPROVE LIGHTING
7. CONTINUED RCMP SPEED ENFORCEMENT

**LONG TERM TRAFFIC CALMING**

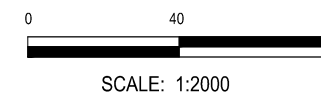
1. EXTEND CYCLING INFRASTRUCTURE FURTHER SOUTH
  - 1.1. CONTINUE EXISTING BIKE LANES
  - 1.2. MULTI-USE TRAIL ON ONE SIDE OF THE ROAD
2. SMYTHE RD ROUNDABOUT
3. RELOCATE OR FORMALIZE DRIVEWAY AT SOUTHEAST LEG OF SMYTHE INTERSECTION
  - 3.1. ADD AS A LEG TO THE ROUNDABOUT
  - 3.2. RELOCATE FURTHER EAST ON SMYTHE RD



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Lakeside Rd (Long & Short Term)



Project No.: 20M-00462-00

Date: 2021-04-09

Figure: 04C

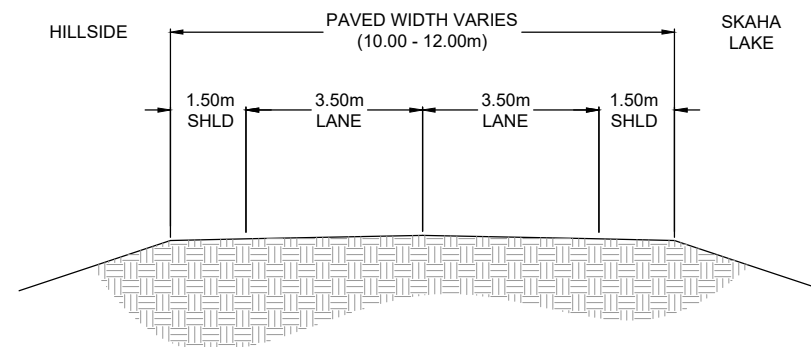
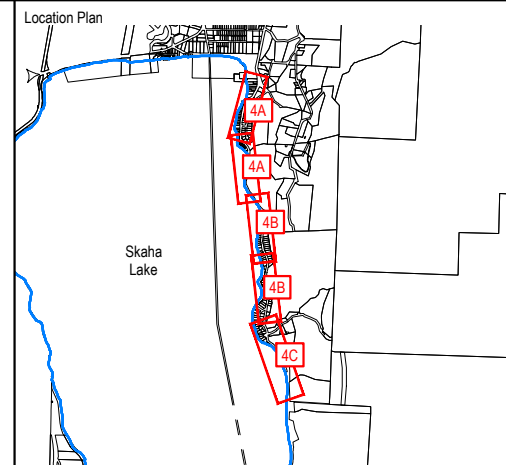
Client:



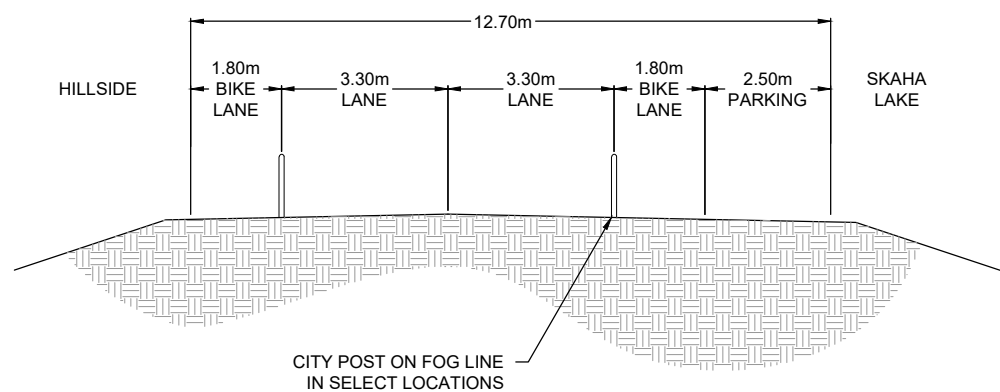
P:\2020\20M-00462-00 - Penticton Integrated Infrastructure Master Plan\3\_Tech\3\_Cadd\3\_Sheets\20M-00462-00\_FIGURES (4A-E).dwg Apr 13, 2021 3:46pm BY: (springs)eads

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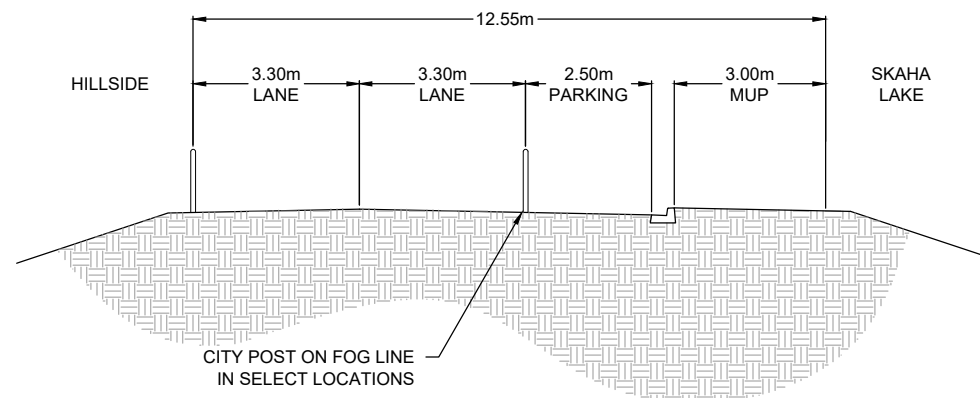




**A** EXISTING TYPICAL SECTION  
4D SCALE: 1:150



**B** LONG TERM TYPICAL SECTION OPT1  
4D SCALE: 1:150



**C** LONG TERM TYPICAL SECTION OPT 2  
4D SCALE: 1:150

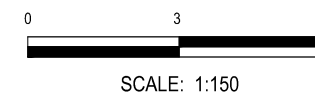
ON-STREET PARKING DESIGNATION AREAS BASED ON AREAS OF RECORDED PARKING DEMAND. FORMAL PARKING PROHIBITION FROM ENTIRETY OF EASTERN (BLUFF SIDE) HALF OF LAKESIDE ROAD AND LIMITING ON-STREET PARKING TO AREAS ADJACENT TO RESIDENTIAL LAND USES ON THE WEST SIDE - WITH RESTRICTIONS AT ROAD CURVATURES IN ACCORDANCE WITH TAC AND MoTI ROAD DESIGN PRACTICES. PARKING MAY BE REMOVED IN CONSTRAINED LOCATIONS.



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Lakeside Rd - Typical Cross Sections



SCALE: 1:150

Project No.: 20M-00462-00

Date: 2021-04-09

Figure: 04D

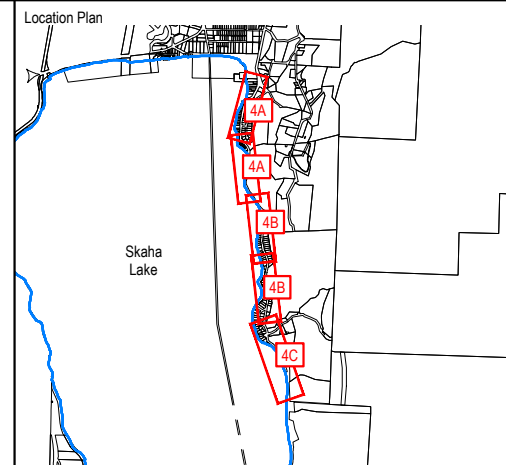
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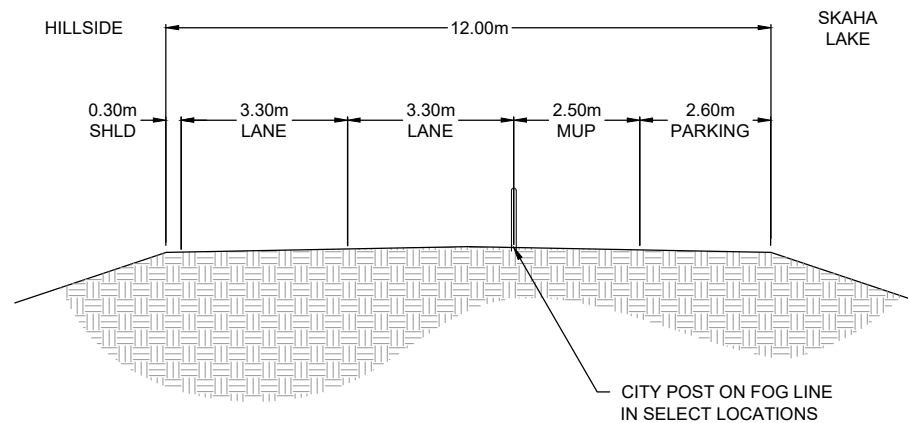
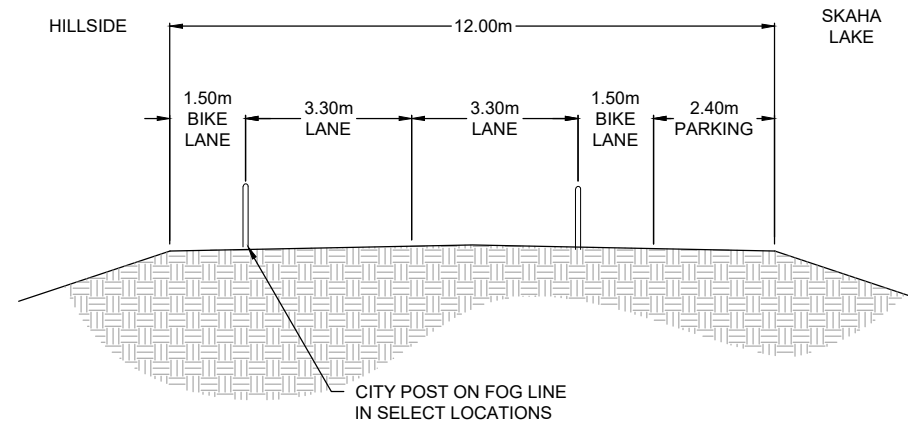
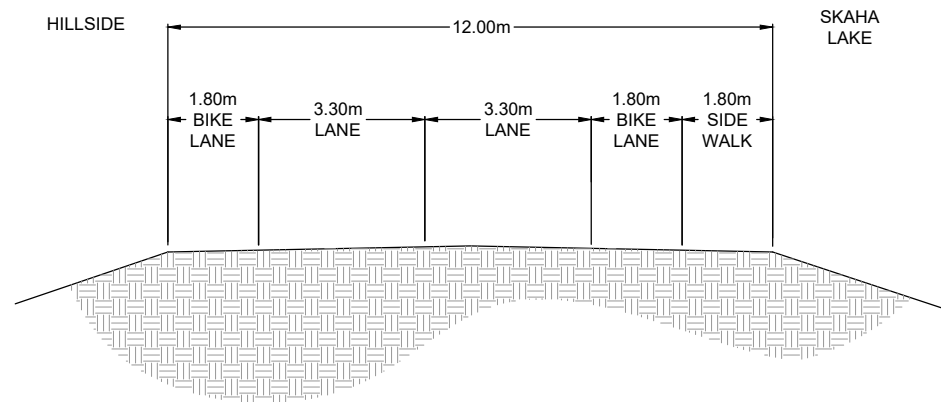
P:\2020\20M-00462-00 - Penticton Integrated Infrastructure Master Plan\3\_Technical\Cadd\3\_Sheets\20M-00462-00\_FIGURES (4A-D).dwg Apr 13, 2021 2:16pm BY: (springsleas)

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ON-STREET PARKING DESIGNATION AREAS BASED ON AREAS OF RECORDED PARKING DEMAND. FORMAL PARKING PROHIBITION FROM ENTIRETY OF EASTERN (BLUFF SIDE) HALF OF LAKESIDE ROAD AND LIMITING ON-STREET PARKING TO AREAS ADJACENT TO RESIDENTIAL LAND USES ON THE WEST SIDE - WITH RESTRICTIONS AT ROAD CURVATURES IN ACCORDANCE WITH TAC AND MoTI ROAD DESIGN PRACTICES. PARKING MAY BE REMOVED IN CONSTRAINED LOCATIONS.



**A** **SHORT TERM TYPICAL SECTION - OPT1a**  
4E SCALE: 1:150

**B** **SHORT TERM TYPICAL SECTION - OPT1b**  
4E SCALE: 1:150

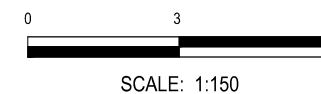
**C** **SHORT TERM TYPICAL SECTION - OPT2**  
4E SCALE: 1:150



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Lakeside Rd - Typical Cross Sections



Project No.: 20M-00462-00

Date: 2021-04-09

Figure: 04E

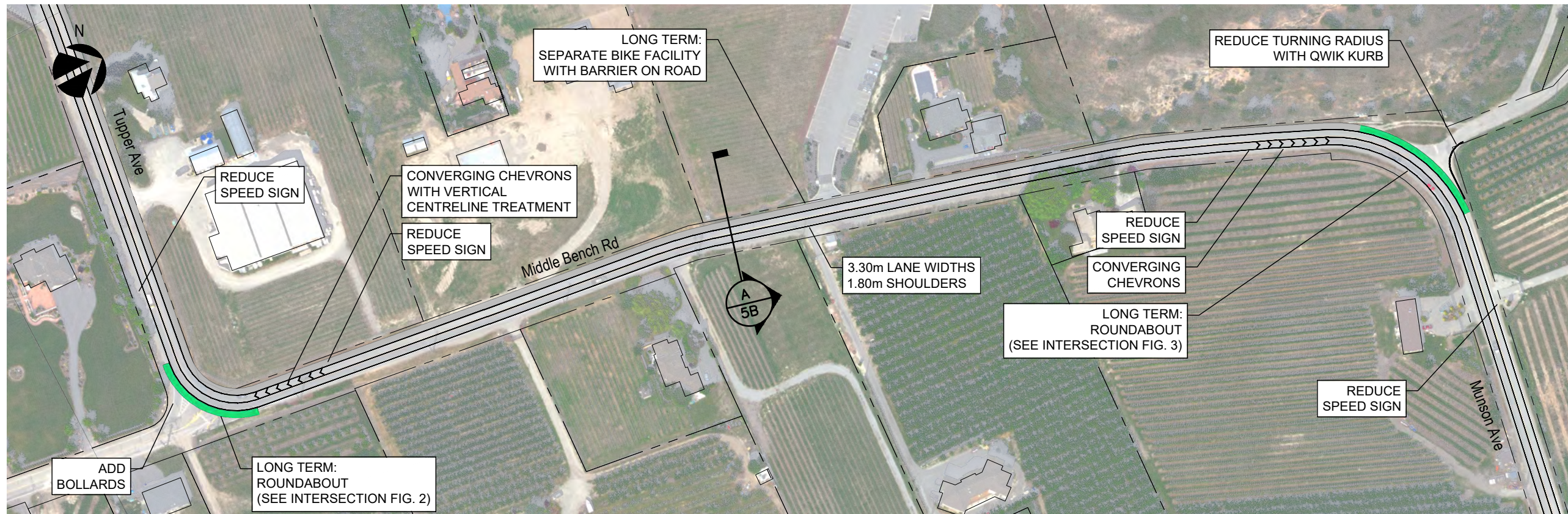
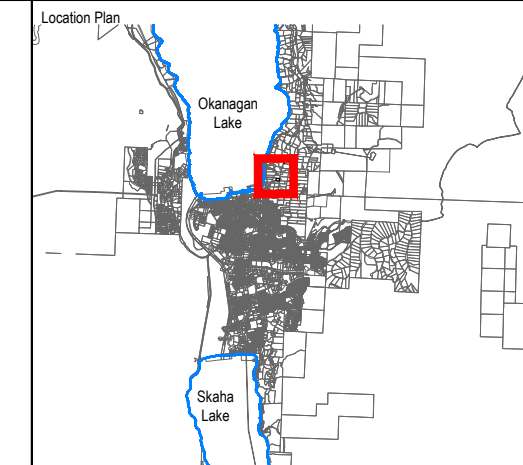
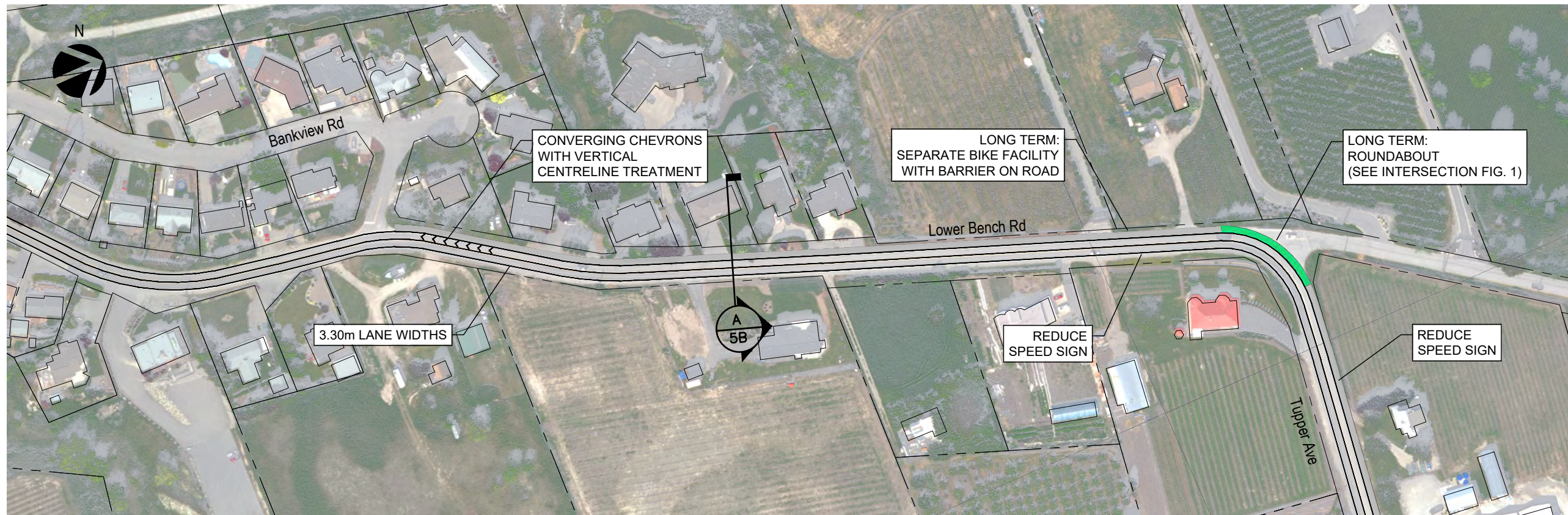
Client:



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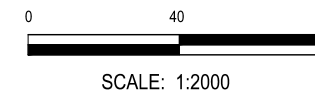


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Lower Bench Rd  
Middle Bench Rd



SCALE: 1:2000

Project No.: 20M-00462-00

Date: 2021-04-09

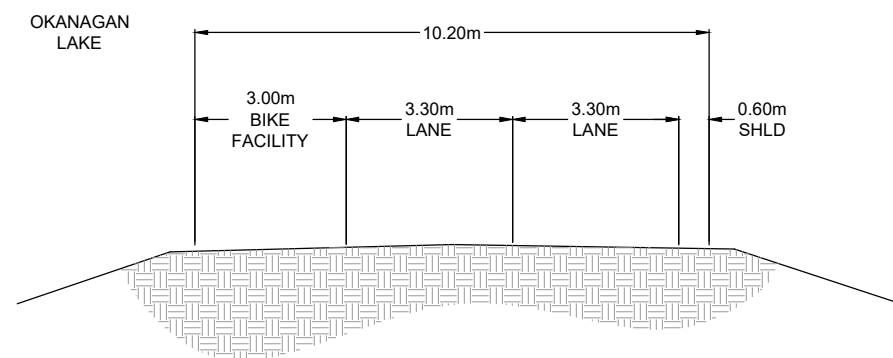
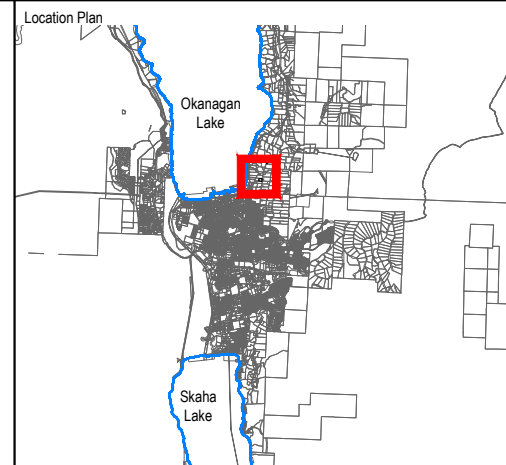
Figure: 05A

Client:



C:\Users\caec072677\AppData\Local\Temp\AcPublish\_3064020M-00462-00\_FIGURES (5).dwg Apr 09, 2021 12:43pm BY: CA0072677





**A** **TYPICAL CROSS SECTION**  
**5B** SCALE: 1:150

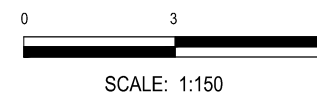


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Lower Bench Rd/Middle Bench Rd -Typical Cross Section



Project No.: 20M-00462-00

Date: 2021-04-09

Figure: 05B

Client:



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