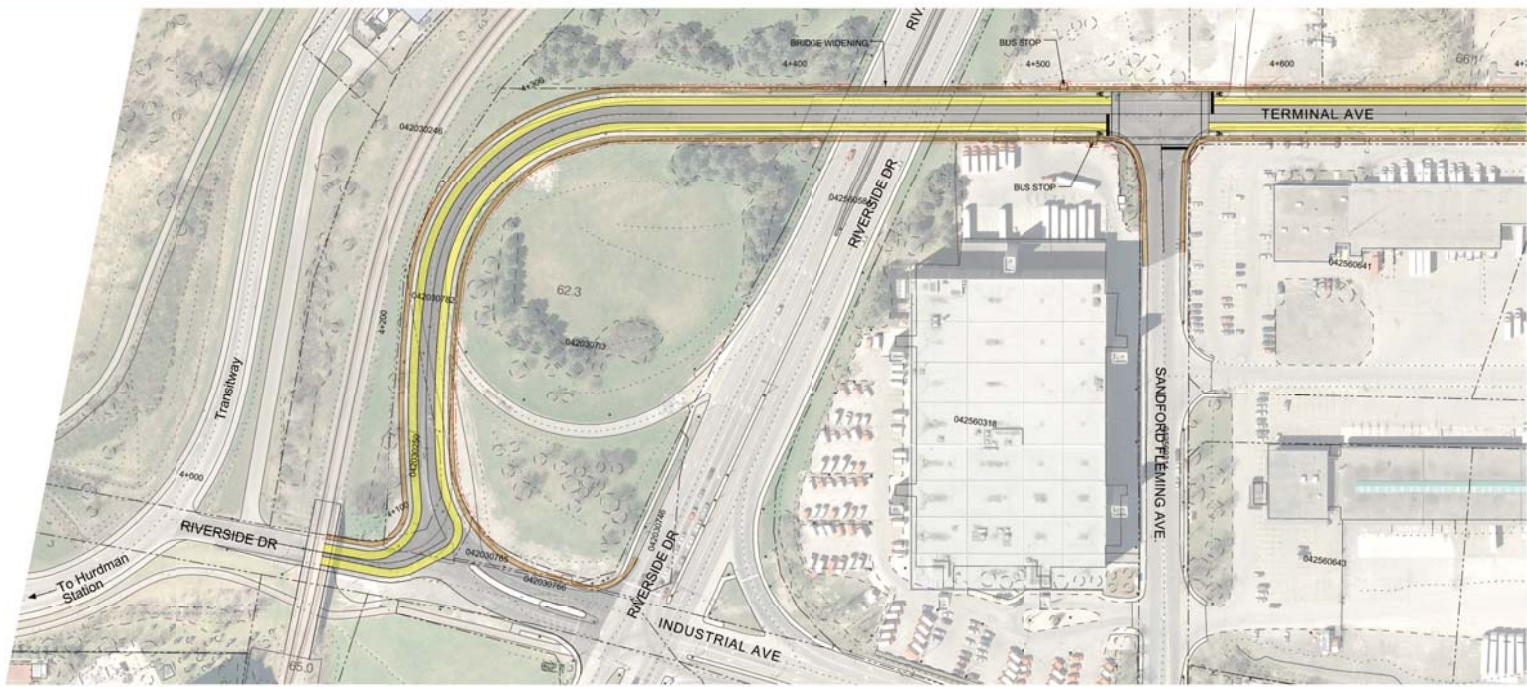


# HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

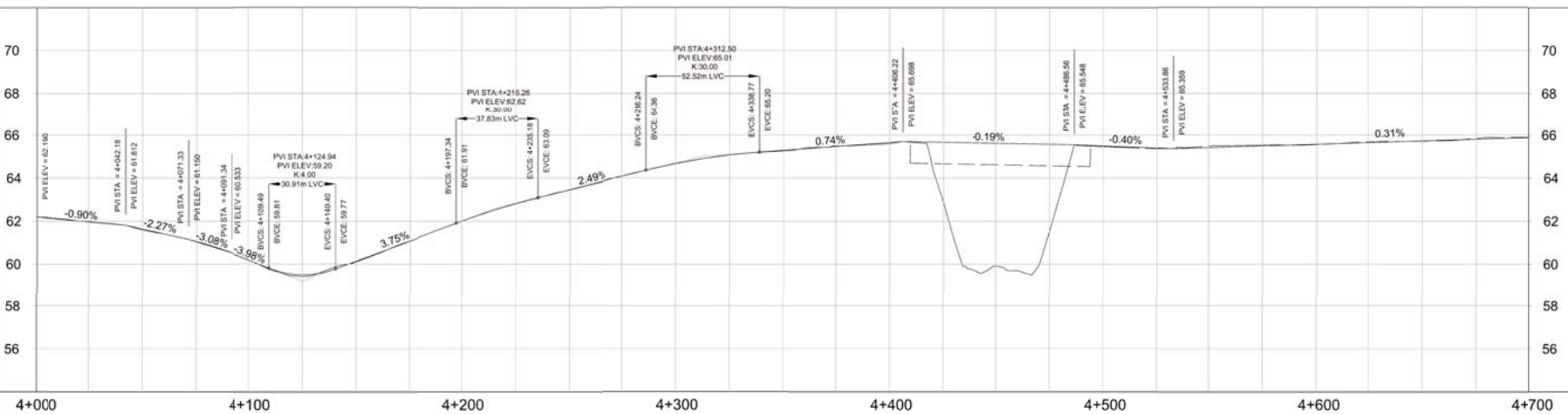
## Functional Plans and Typical Cross-Sections – July 2010 Section 1



MORRISON HERSHFIELD



MATCHLINE AT STATION 4+700

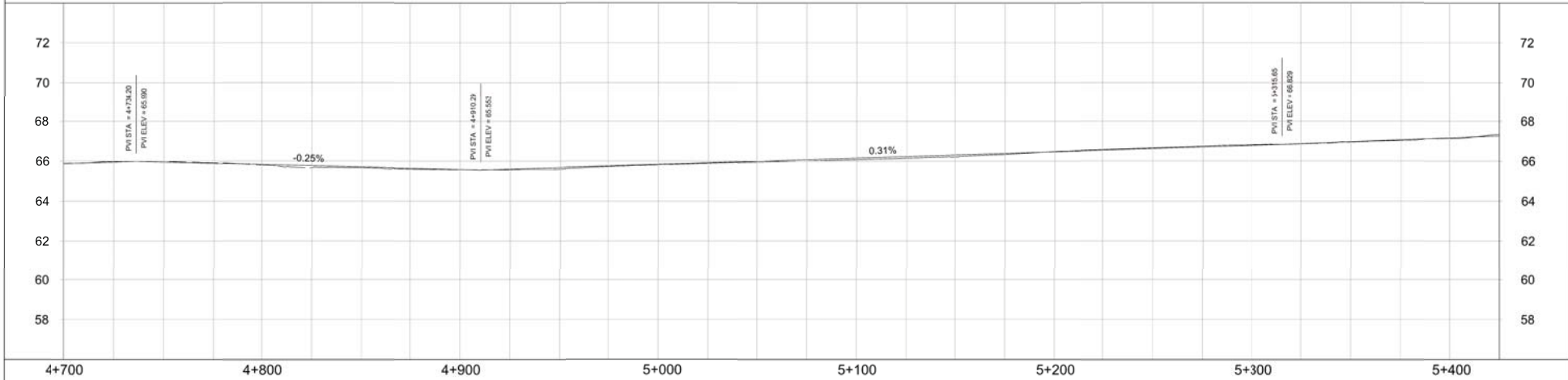
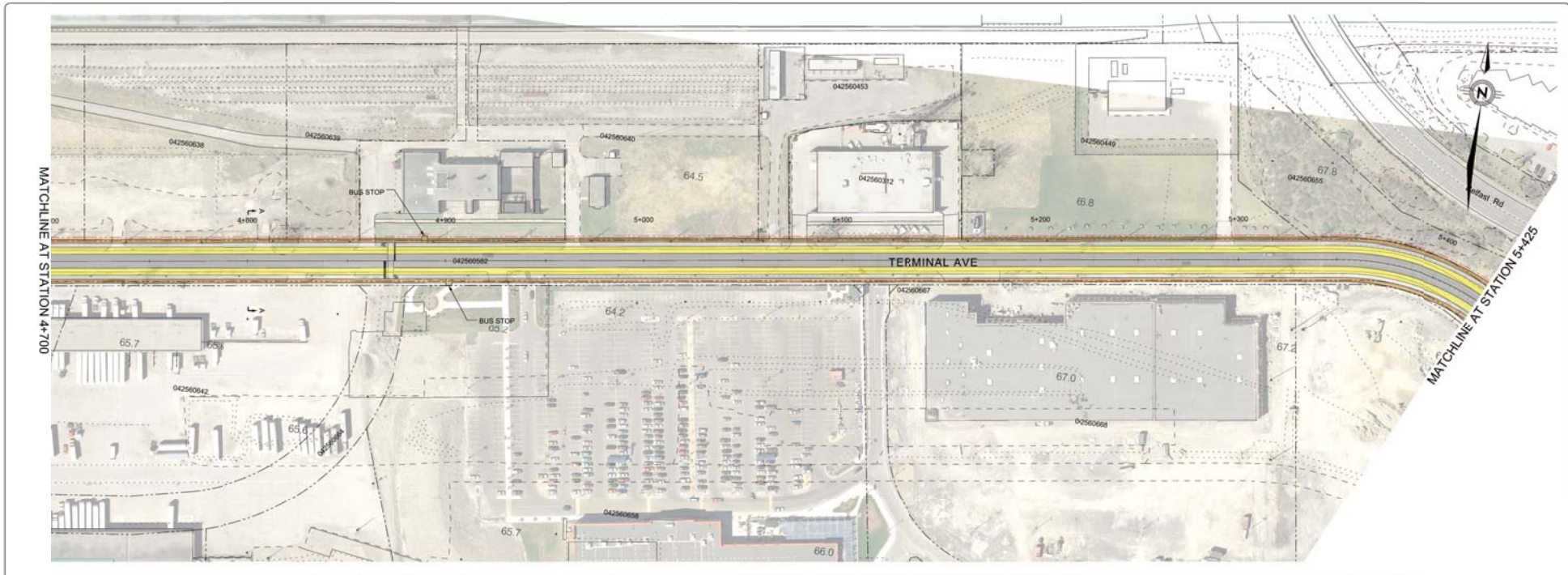


HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 4+000 TO STATION 4+700

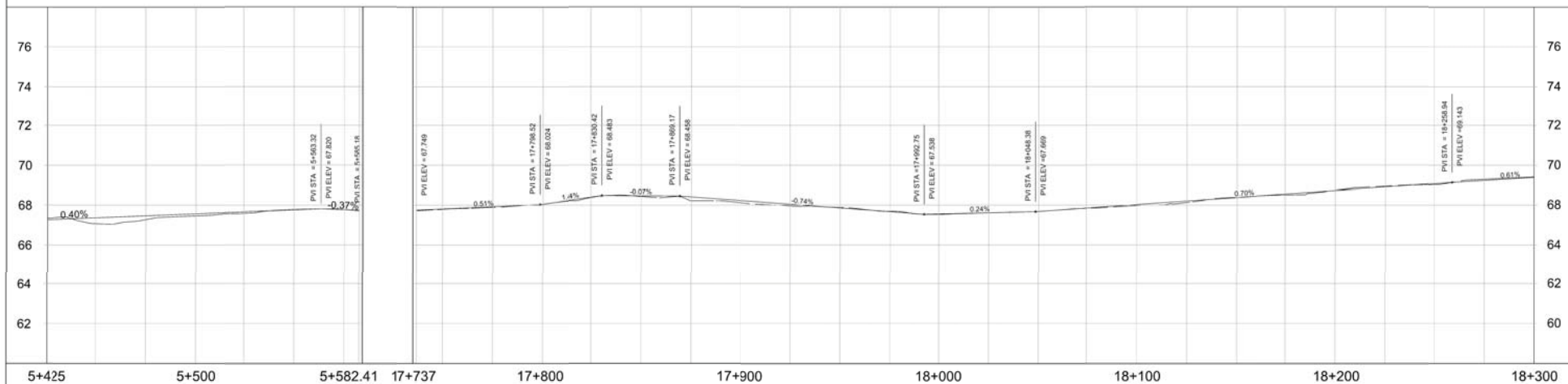
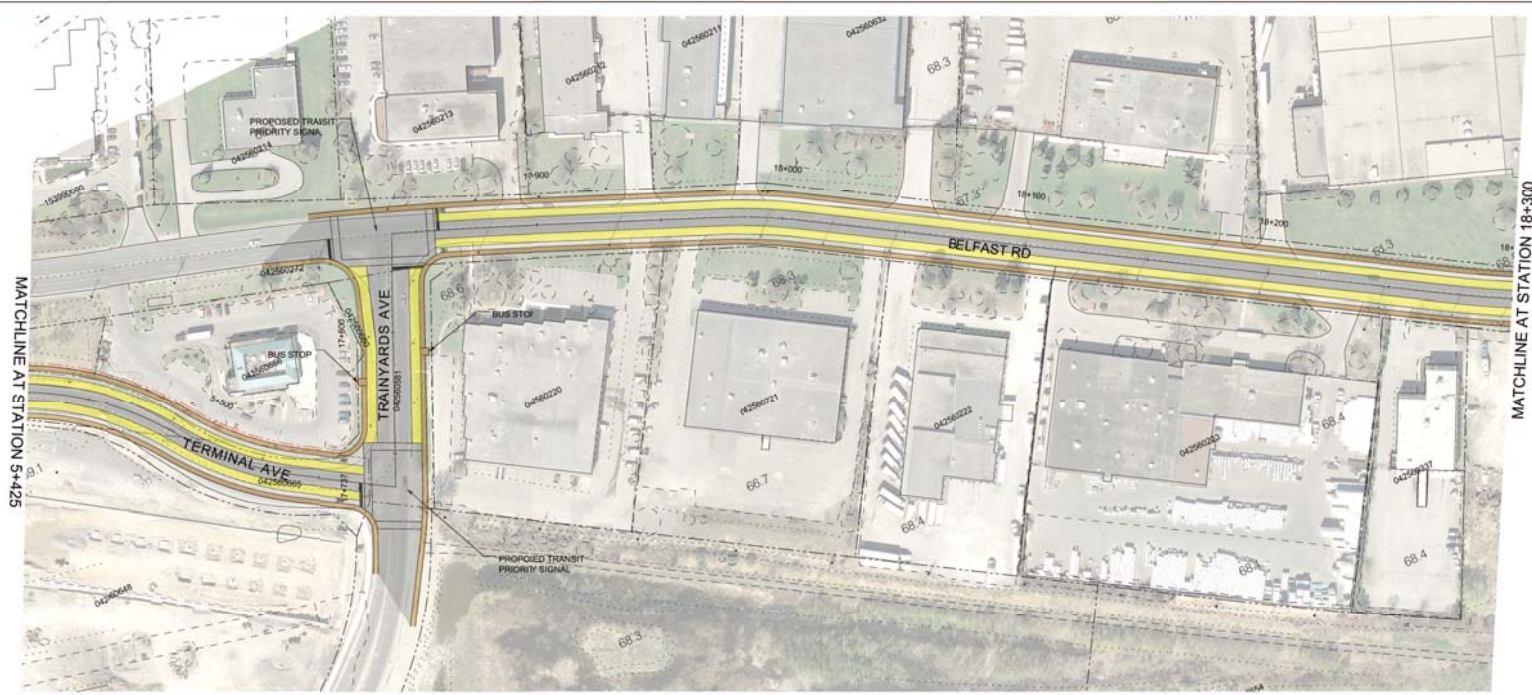
**LEGEND**

- BUS LANE
- TRAVEL LANES
- BIKE LANE / PAVED SHOULDER
- SIDEWALK / MEDIAN
- MAINTENANCE STRIP
- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE

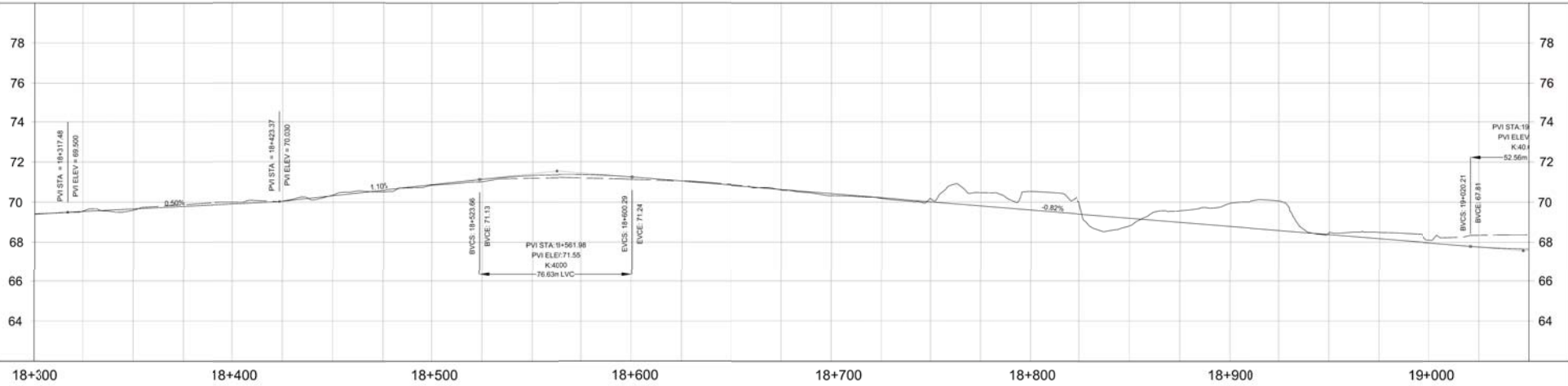
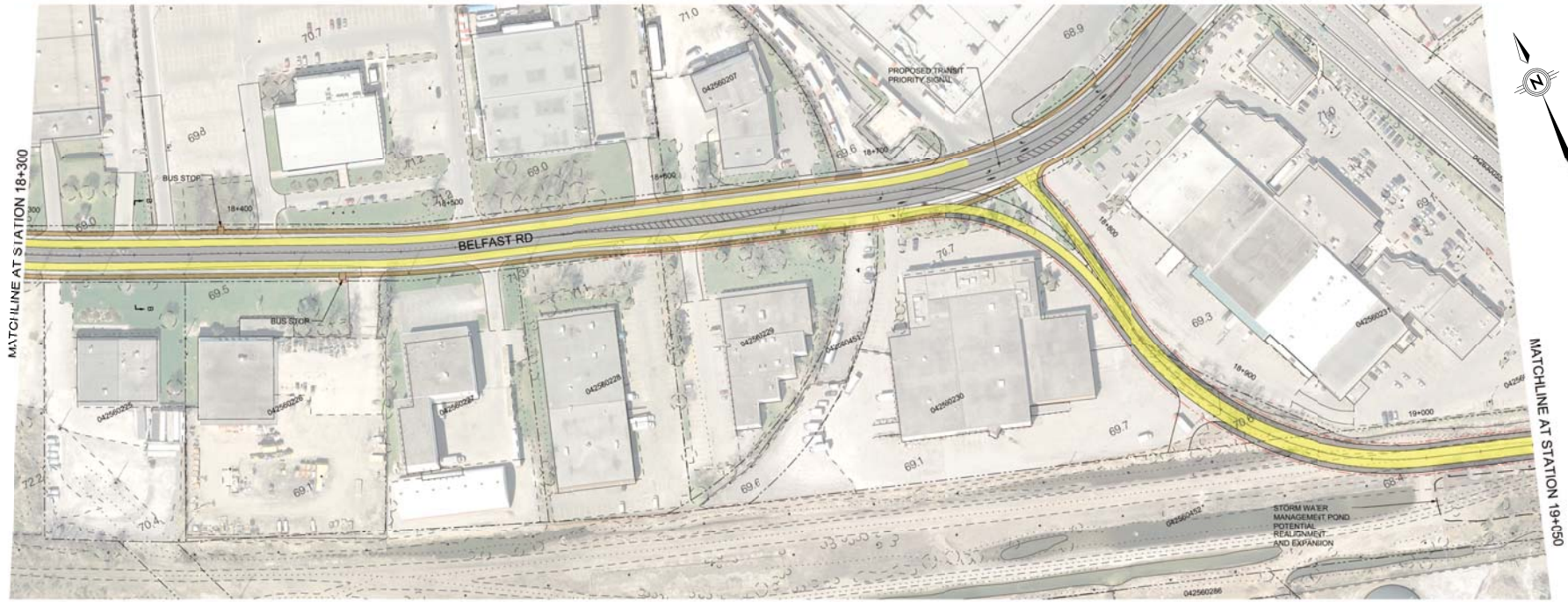
DATE: JULY 2010  
 SCALE: HORIZONTAL 1"=40', VERTICAL 1"=4'  
 DWG: 1



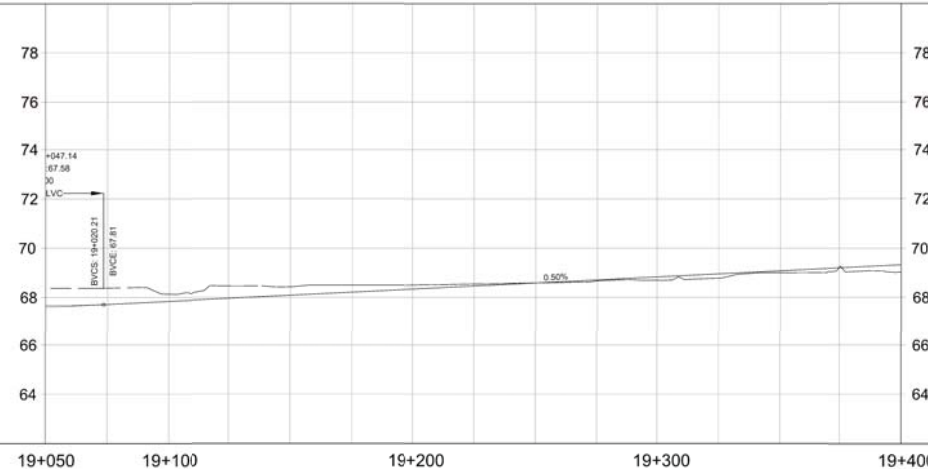
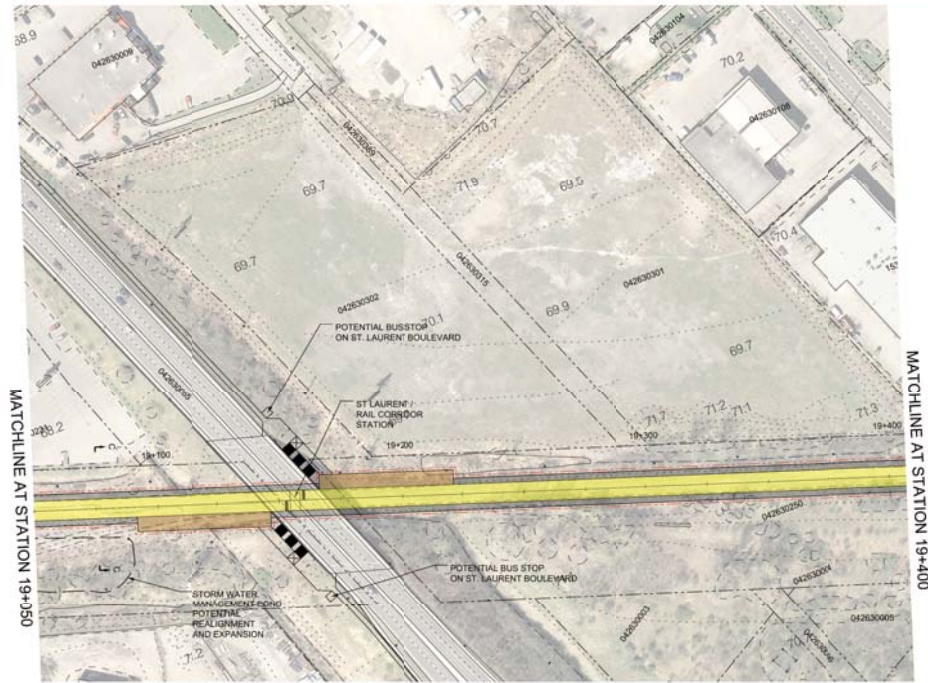
			<p>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</p> <p>RECOMMENDED PLAN AND PROFILE</p> <p>STATION 4+700 TO STATION 5+425</p>	<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> BUS LANE</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; border: 1px solid black;"></span> TRAVEL LANES</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgrey; border: 1px solid black;"></span> BIKE LANE / PAVED SHOULDER</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: brown; border: 1px solid black;"></span> SIDEWALK / MEDIAN</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: darkgrey; border: 1px solid black;"></span> MAINTENANCE STRIP</li> <li><span style="display: inline-block; border-bottom: 1px dashed black; width: 20px;"></span> EXISTING PROPERTY LINE</li> <li><span style="display: inline-block; border-bottom: 1px dashed red; width: 20px;"></span> PROPOSED PROPERTY LINE</li> </ul>	<p>DATE: JULY 2010</p> <p>SCALE: HORIZONTAL 1"=40'</p> <p style="text-align: center;"> </p> <p>VERTICAL 1"=4'</p> <p>DWG. 2</p>
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			<p>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</p> <p>RECOMMENDED PLAN AND PROFILE</p> <p>STATION 5+425 TO STATION 18+300</p>	<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> BUS LANE</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: gray; border: 1px solid black; margin-right: 5px;"></span> TRAVEL LANES</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgray; border: 1px solid black; margin-right: 5px;"></span> BIKE LANE / PAVED SHOULDER</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: brown; border: 1px solid black; margin-right: 5px;"></span> SIDEWALK / MEDIAN</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgray; border: 1px solid black; margin-right: 5px;"></span> MAINTENANCE STRIP</li> <li><span style="display: inline-block; border-bottom: 1px dashed black; width: 20px; margin-right: 5px;"></span> EXISTING PROPERTY LINE</li> <li><span style="display: inline-block; border-bottom: 1px solid red; width: 20px; margin-right: 5px;"></span> PROPOSED PROPERTY LINE</li> </ul>	<p>DATE: JULY 2010</p> <p>SCALE: HORIZONTAL 1"=40'</p> <p style="text-align: center;"> </p> <p>VERTICAL 1"=4'</p> <p>DWG. 3</p>
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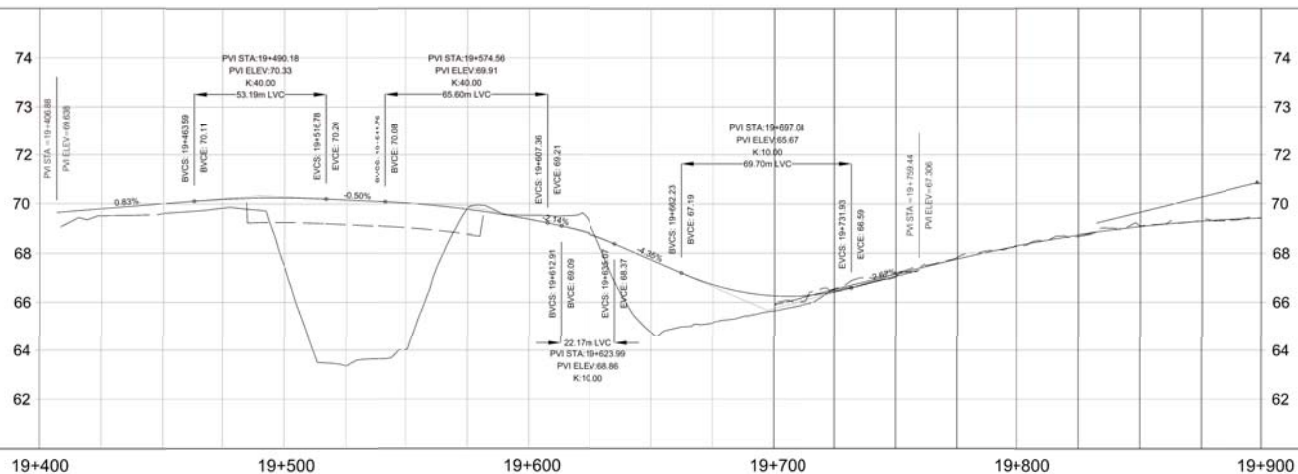
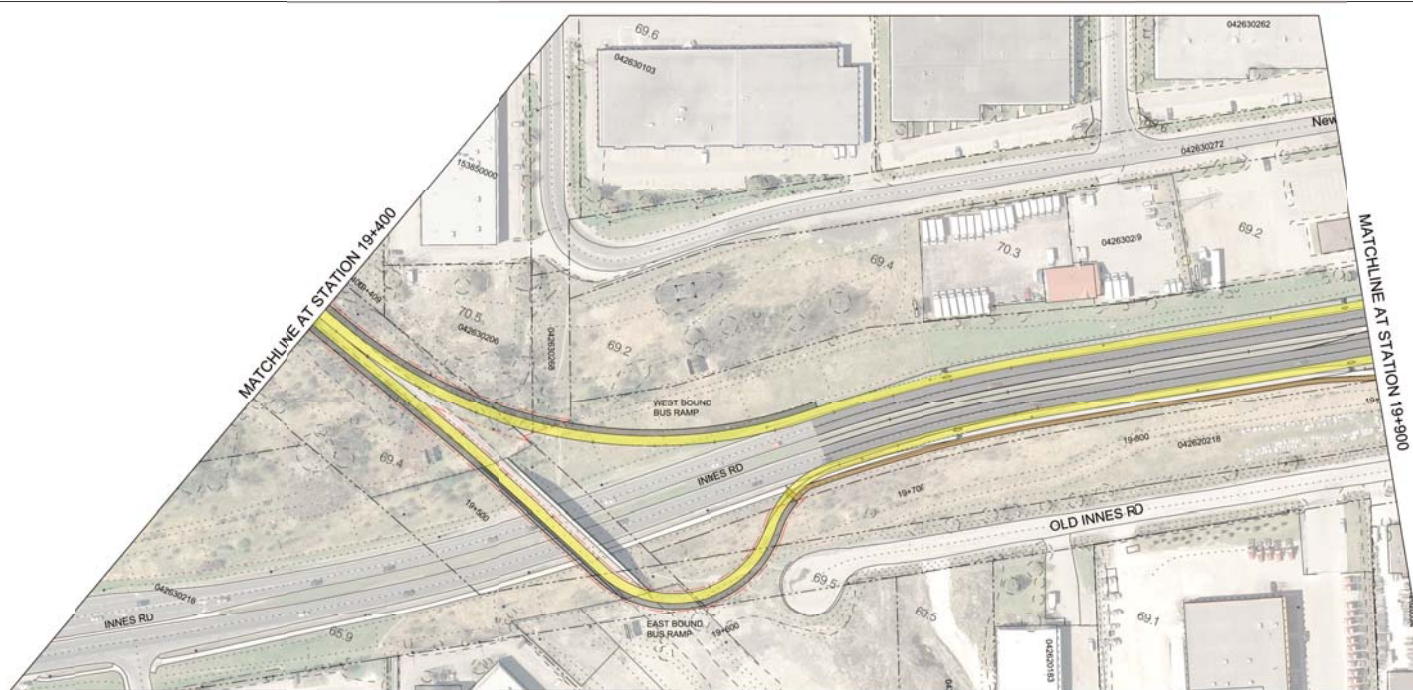
			<p>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</p> <p>RECOMMENDED PLAN AND PROFILE</p> <p>STATION 18+300 TO STATION 19+050</p>	<p>LEGEND</p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> BUS LANE</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: gray; border: 1px solid black;"></span> TRAVEL LANES</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgray; border: 1px solid black;"></span> BIKE LANE / PAVED SHOULDER</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: brown; border: 1px solid black;"></span> SIDEWALK / MEDIAN</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: darkgray; border: 1px solid black;"></span> MAINTENANCE STRIP</li> <li><span style="display: inline-block; border-bottom: 1px dashed black; width: 20px;"></span> EXISTING PROPERTY LINE</li> <li><span style="display: inline-block; border-bottom: 1px solid red; width: 20px;"></span> PROPOSED PROPERTY LINE</li> </ul>	<p>DATE: JULY 2010</p> <p>SCALE: HORIZONTAL 1"=40'</p> <p style="text-align: center;"> </p> <p>VERTICAL 1"=10'</p> <p>DWG. 4</p>
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HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 19+050 TO STATION 19+400

LEGEND	
	BUS LANE
	TRAVEL LINES
	BIKE LANE / PAVED SHOULDER
	SIDEWALK / MEDIAN
	MAINTENANCE STRIP
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

DATE: JULY 2010  
 SCALE: HORIZONTAL 1"=100'  
 VERTICAL 1"=10'  
 DWG. 5

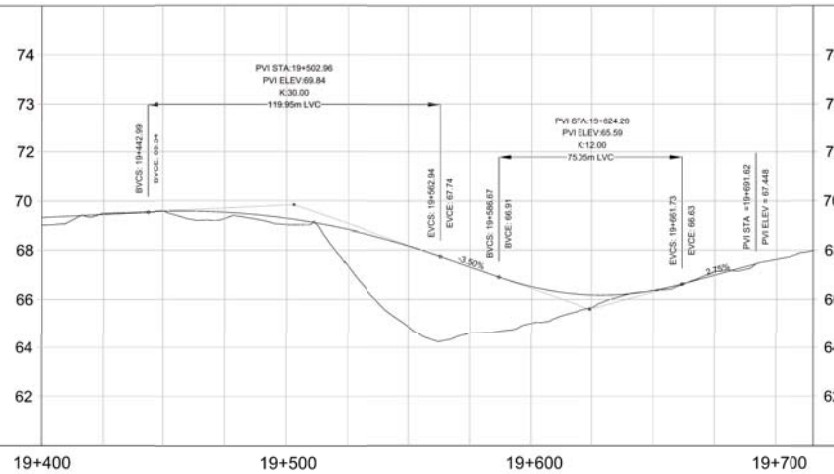
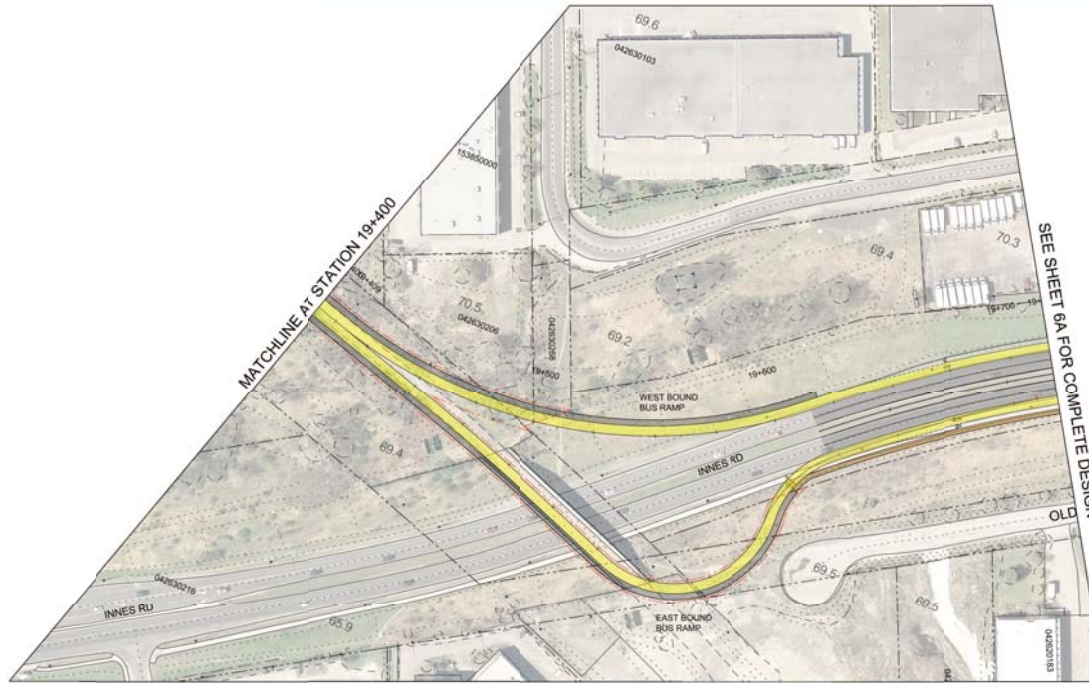


HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 19+400 TO STATION 19+900 - EASTBOUND RAMP

**LEGEND**

- BUS LANE
- TRAVEL LANES
- BIKE LANE / PAVED SHOULDER
- SIDEWALK / MEDIAN
- MAINTENANCE STRIP
- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE

DATE: JULY 2010  
 SCALE: HORIZONTAL 1"=40', VERTICAL 1"=4'  
 DWG: 6A

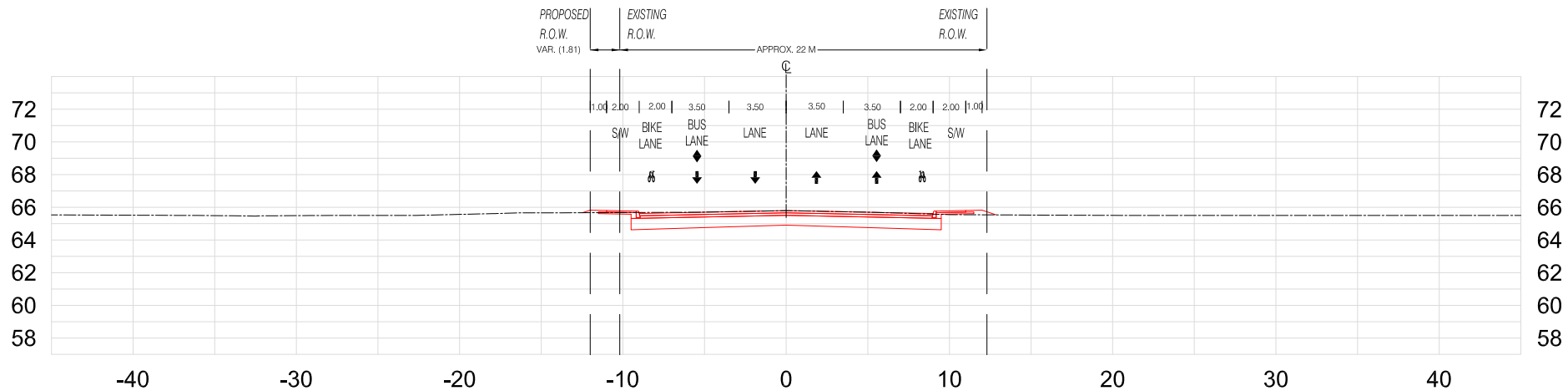


HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 19+400 TO STATION 19+900 - WESTBOUND RAMP

LEGEND	
	BUS LANE
	TRAVEL LANES
	BIKE LANE / PAVED SHOULDER
	SIDEWALK / MEDIAN
	MAINTENANCE STRIP
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

DATE: JULY 2010  
 SCALE: HORIZONTAL 1:1000, VERTICAL 1:100  
 DWG: 6B





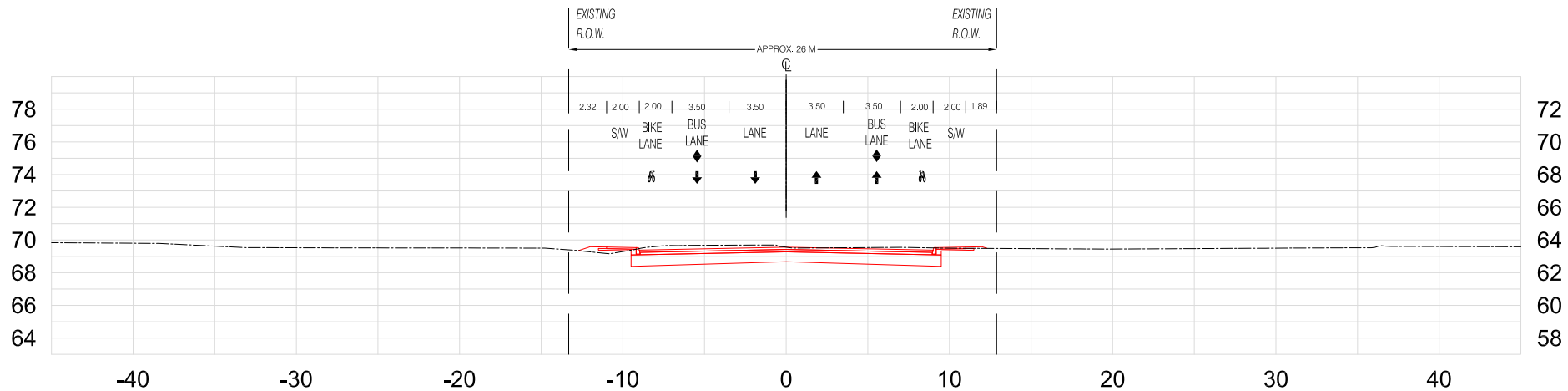
A-A: STA. 4+800



HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

TYPICAL CROSS-SECTION  
SECTION 1-4a BUS LANES - TERMINAL AVENUE

DATE:	JULY 2010
SCALE:	HORIZONTAL
0m	10 20 40
0m	1 2 4
DWG:	VERTICAL
TS 1	



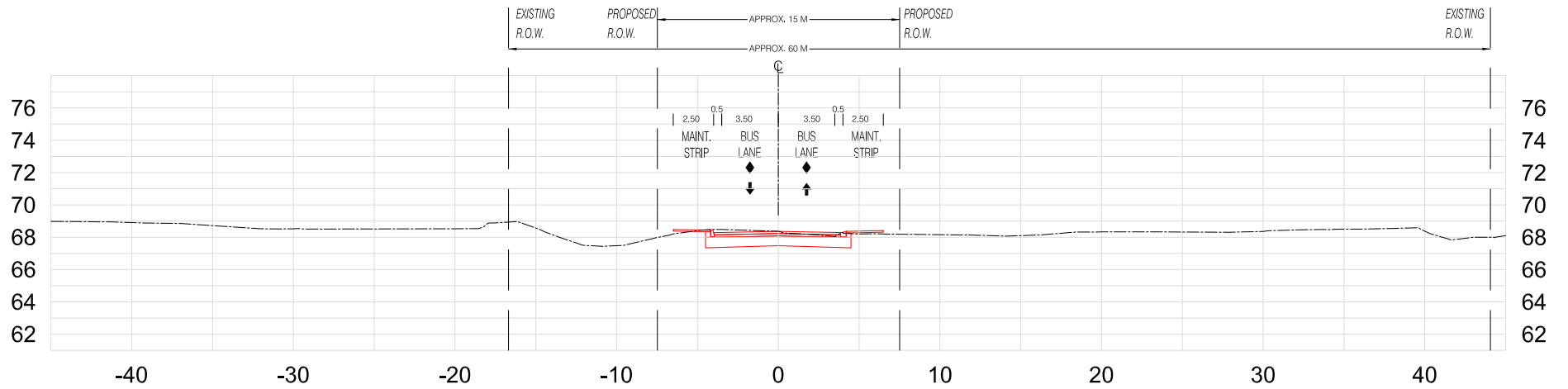
### B-B: STA. 18+350



HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

TYPICAL CROSS-SECTION  
SECTION 1-4b BUS LANES - BELFAST ROAD

DATE:	JULY 2010
SCALE:	HORIZONTAL
0m	10 20 40
0m	1 2 4
DWG:	VERTICAL
TS 2	



C-C: STA. 19+075

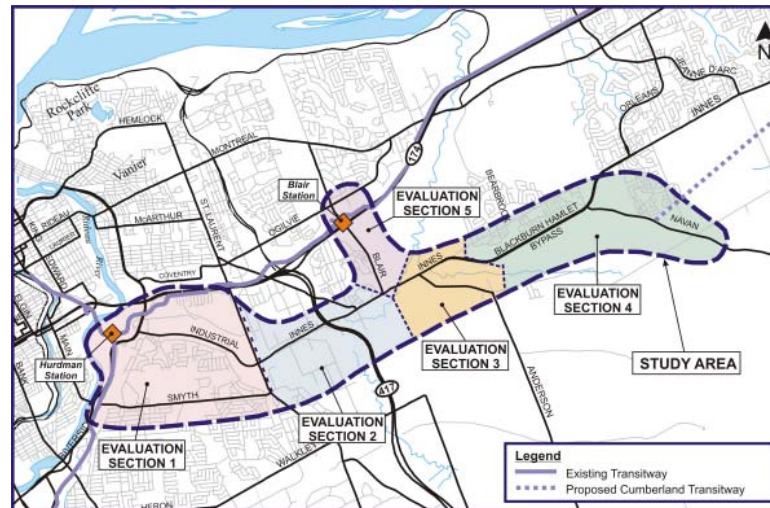


HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

TYPICAL CROSS-SECTION  
 SECTION 1-4c BUS LANES - RAIL CORRIDOR

DATE: JULY 2010  
 SCALE: HORIZONTAL  
 0m 10 20 40  
 0m 1 2 4  
 VERTICAL

DWG: TS 3

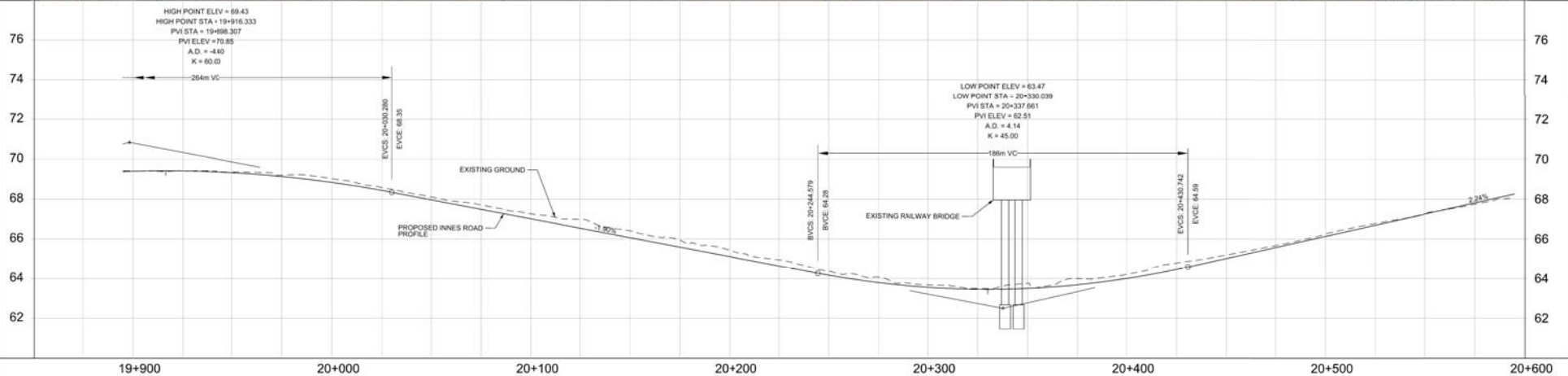
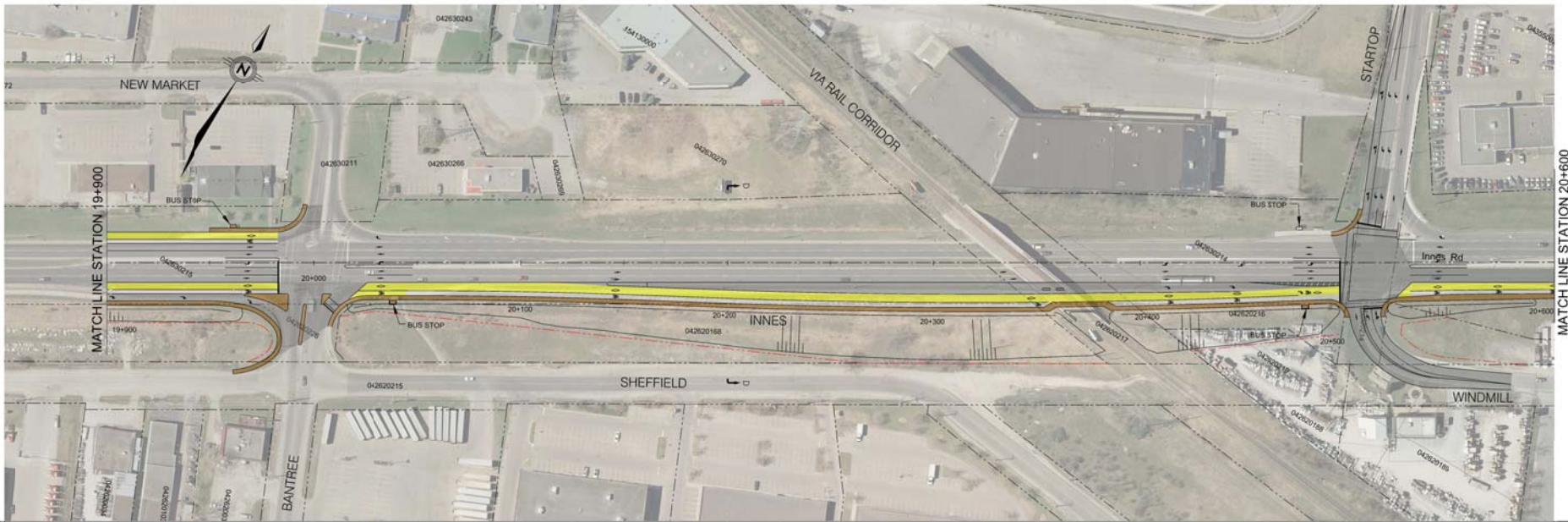


## HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

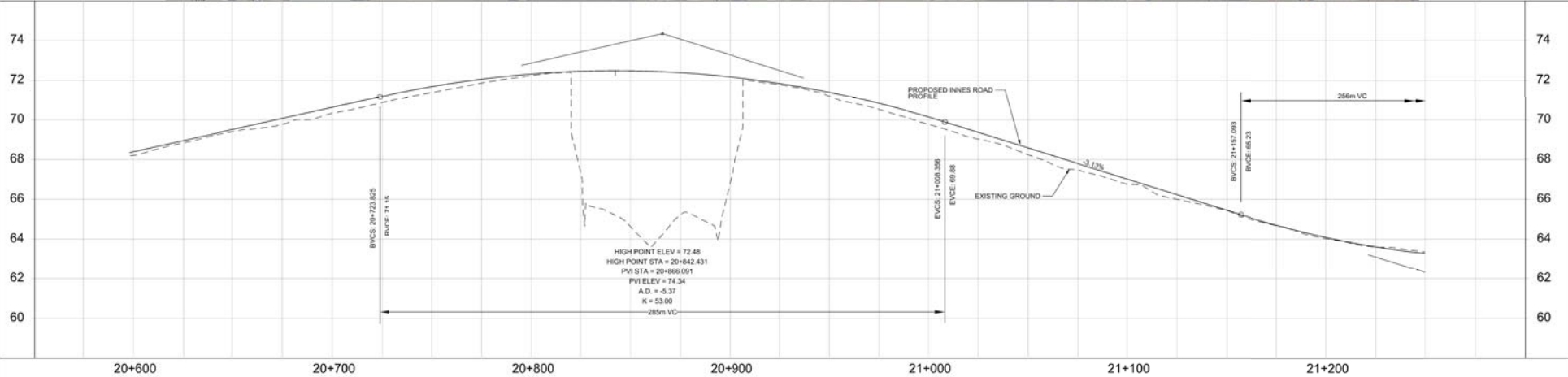
### Functional Plans and Typical Cross-Sections – July 2010 Section 2



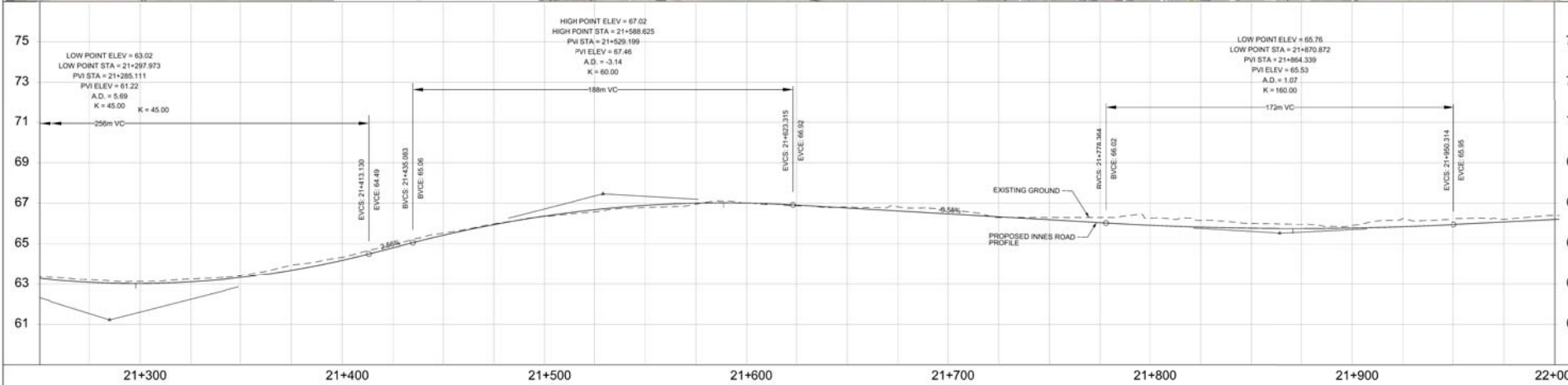
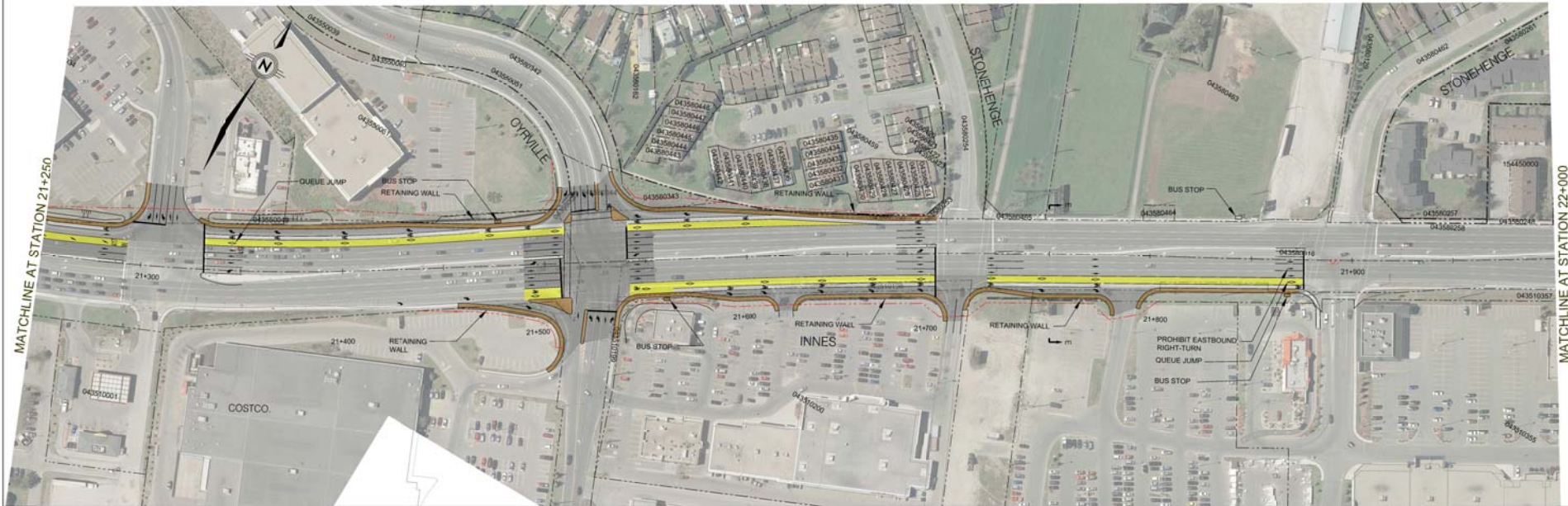
MORRISON HERSHFIELD



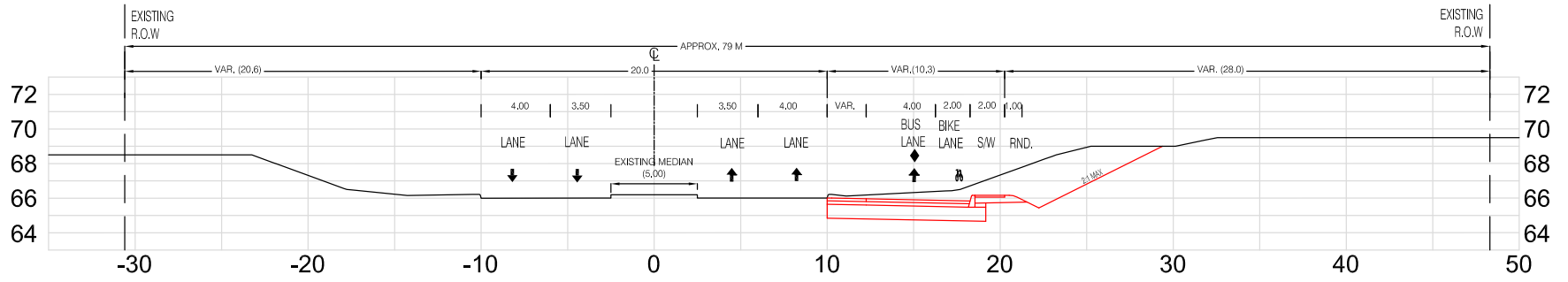
	<b>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</b> <b>RECOMMENDED PLAN AND PROFILE</b> <b>STATION 19+900 TO STATION 20+600</b>		<b>LEGEND</b> BUS LANE TRAVEL LANES BIKE LANE/ PAVED SHOULDER SIDEWALK/ MEDIAN MAINTENANCE STRIP EXISTING PROPERTY LINE PROPOSED PROPERTY LINE	DATE: JULY 2018 SCALE: HORIZONTAL  VERTICAL  DWG:
				7



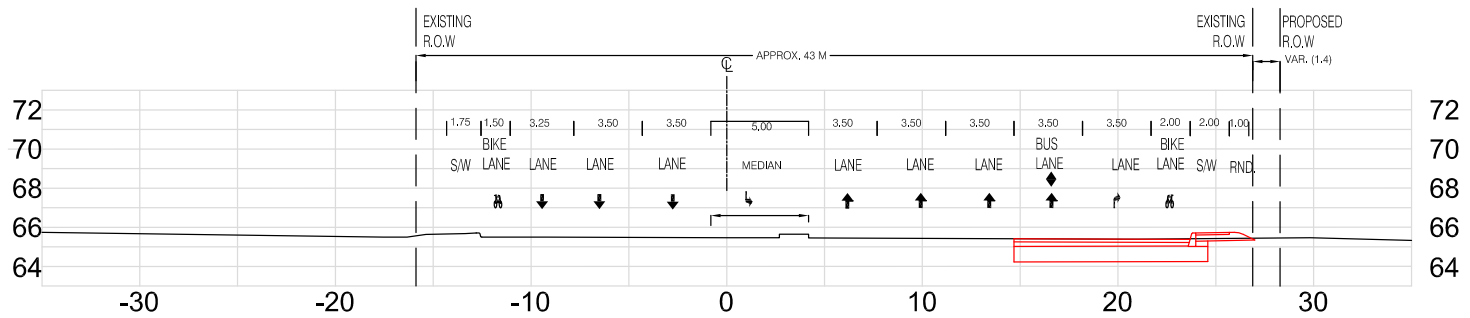
			<p>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</p> <p>RECOMMENDED PLAN AND PROFILE</p> <p>STATION 20+600 TO STATION 21+250</p>	<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black;"></span> BUS LANE</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgrey; border: 1px solid black;"></span> TRAVEL LANES</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: darkgrey; border: 1px solid black;"></span> BIKE LANE/ PAVED SHOULDER</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: brown; border: 1px solid black;"></span> SIDEWALK/ MEDIAN</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: grey; border: 1px solid black;"></span> MAINTENANCE STRIP</li> <li><span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span> EXISTING PROPERTY LINE</li> <li><span style="border-bottom: 1px dashed red; width: 20px; display: inline-block;"></span> PROPOSED PROPERTY LINE</li> </ul>	<p>DATE: JULY 2010</p> <p>SCALE: HORIZONTAL 1" = 100'</p> <p style="text-align: center;"> </p> <p>VERTICAL 1" = 10'</p> <p>DWG: 8</p>
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			<b>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</b>		<b>LEGEND</b> BUS LANE TRAVEL LANES BIKE LANE/ PAVED SHOULDER SIDEWALK/ MEDIAN MAINTENANCE STRIP EXISTING PROPERTY LINE PROPOSED PROPERTY LINE	<b>DATE:</b> JULY 2010 <b>SCALE:</b> HORIZONTAL: 1" = 100' VERTICAL: 1" = 10' <b>DWG:</b>
			<b>RECOMMENDED PLAN AND PROFILE</b> <b>STATION 21+250 TO STATION 22+000</b>			



D-D: STA. 20+200



E-E: STA. 21+750



HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

TYPICAL CROSS-SECTION  
SECTION 4 BUS QUEUE JUMP LANE - INNES LANE

DATE: JULY 2010

SCALE:

HORIZONTAL

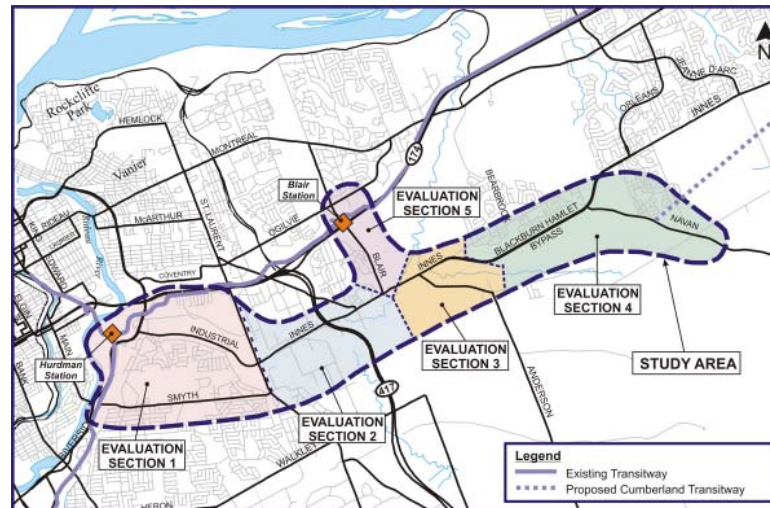
1" = 20m

VERTICAL

DWG:

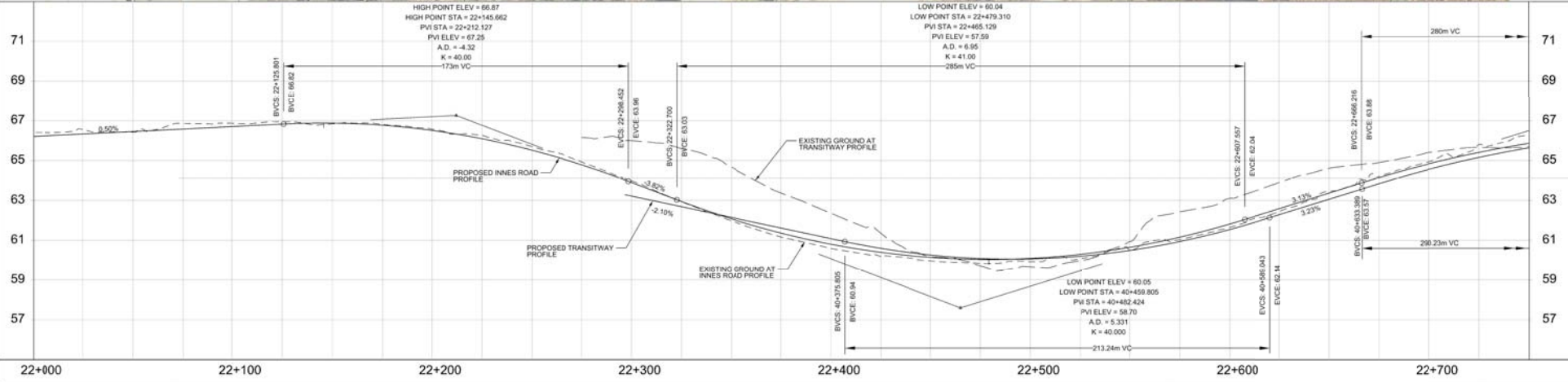
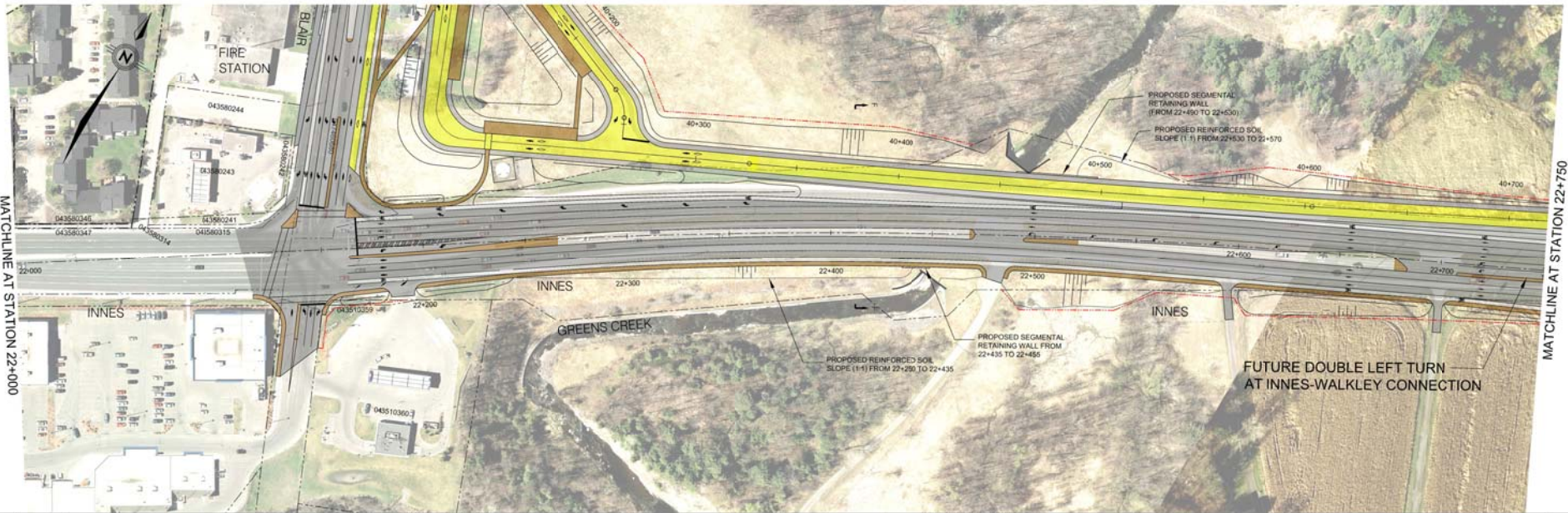
TS 4





## HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

### Functional Plans and Typical Cross-Sections – July 2010 Section 3

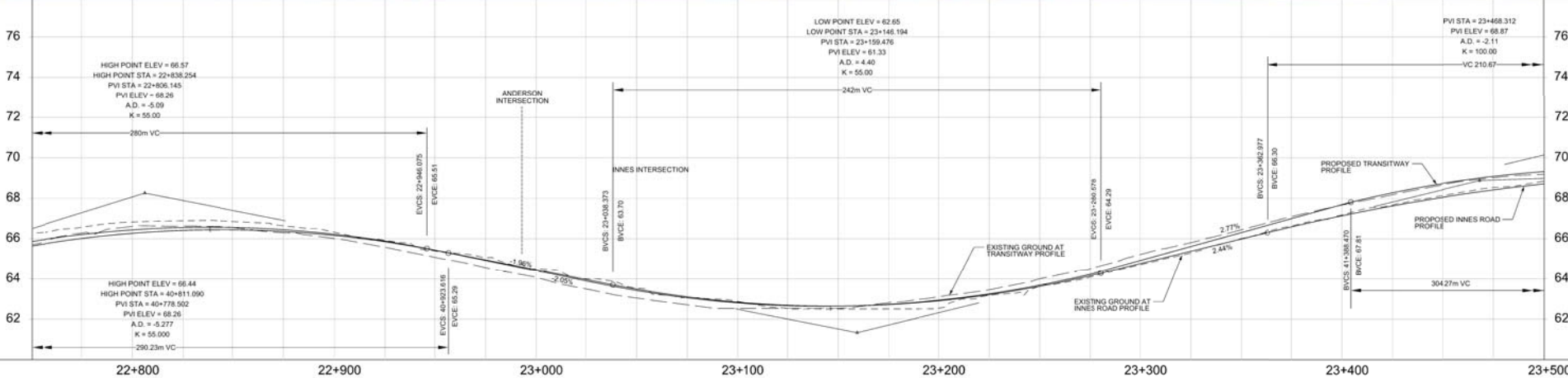
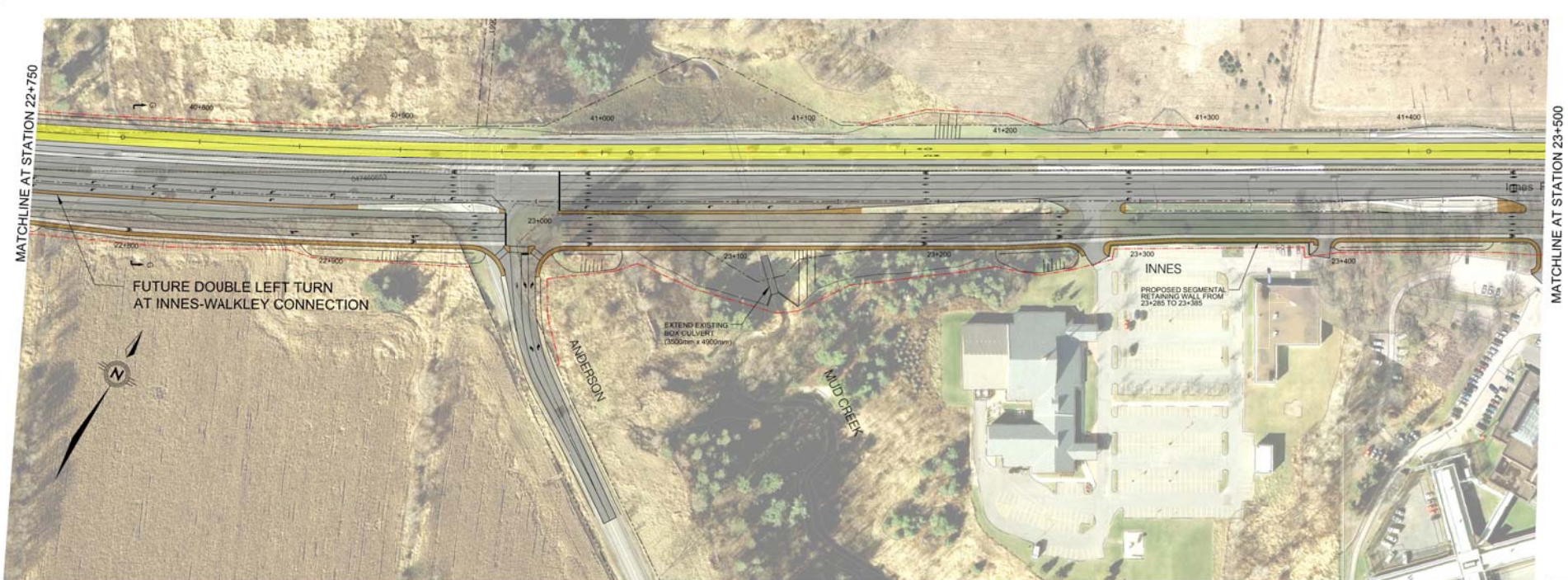


HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 22+000 TO STATION 22+750

**LEGEND**

- BUS LANE
- TRAVEL LANES
- BIKE LANE/ PAVED SHOULDER
- SIDEWALK/ MEDIAN
- MAINTENANCE STRIP / PATHWAY
- EXISTING PROPERTY LINE
- PROPOSED PROPERTY LINE

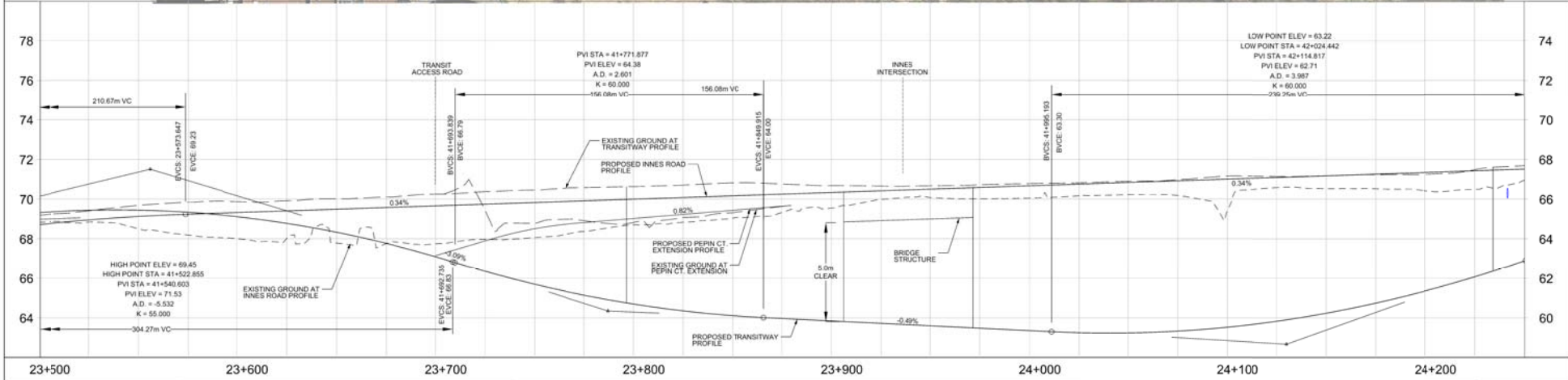
DATE: JULY 2010  
 SCALE: HORIZONTAL 1" = 100', VERTICAL 1" = 10'  
 DWG: 10



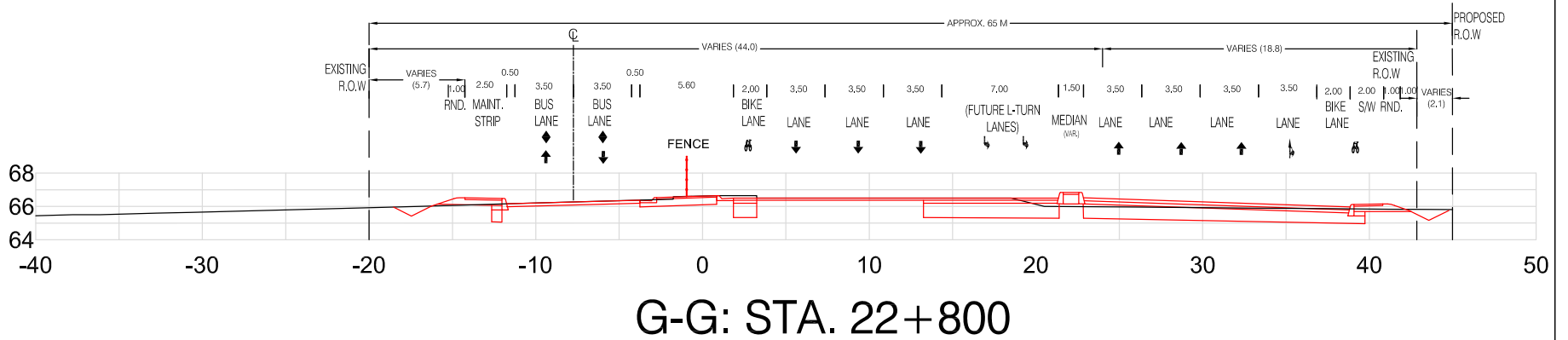
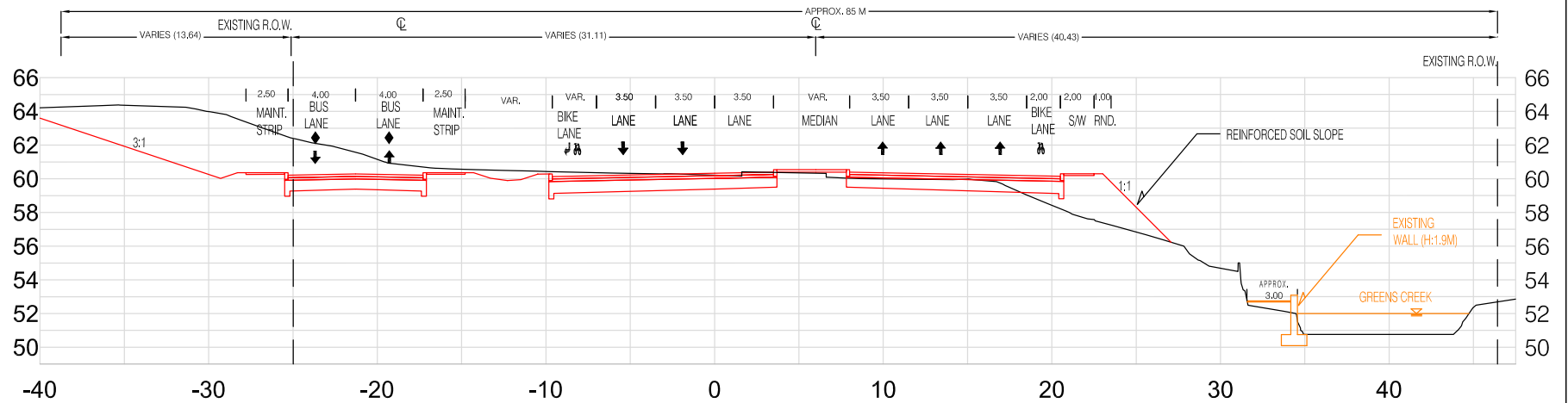
HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 22+750 TO STATION 23+500

LEGEND	
	BUS LANE
	TRAVEL LANES
	BIKE LANE/PAVED SHOULDER
	SIDEWALK/MEDIAN
	MAINTENANCE STRIP
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

DATE: JULY 2010  
 SCALE: HORIZONTAL 1" = 100'  
 VERTICAL 1" = 10'  
 DWG: 11



			<b>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</b>		DATE: JULY 2010 SCALE: HORIZONTAL 1:1000, VERTICAL 1:100 DWG: 12
			<b>RECOMMENDED PLAN AND PROFILE</b> STATION 23+500 TO STATION 24+250		
<b>LEGEND</b>			BUS LANE TRAVEL LANES BIKE LANE/ PAVED SHOULDER SIDEWALK/ MEDIAN MAINTENANCE STRIP	EXISTING PROPERTY LINE PROPOSED PROPERTY LINE	



HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

TYPICAL CROSS-SECTION  
SECTION 3 BUSWAY / INNES ROAD

DATE: JULY 2010

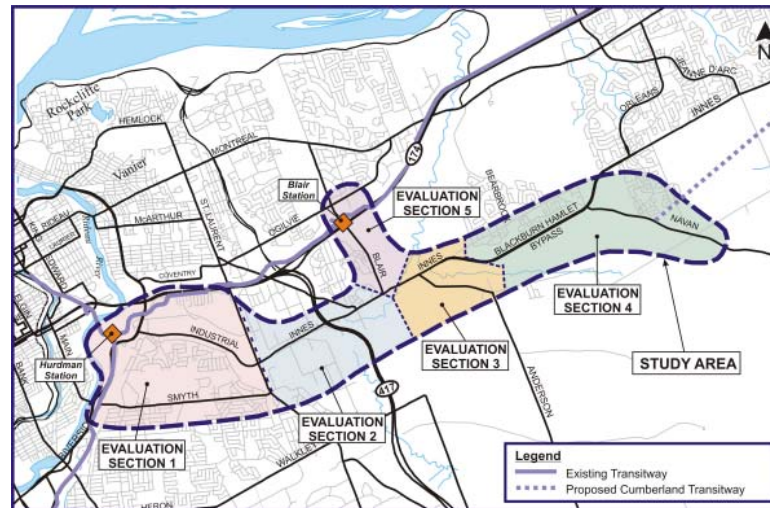
SCALE:

HORIZONTAL

VERTICAL

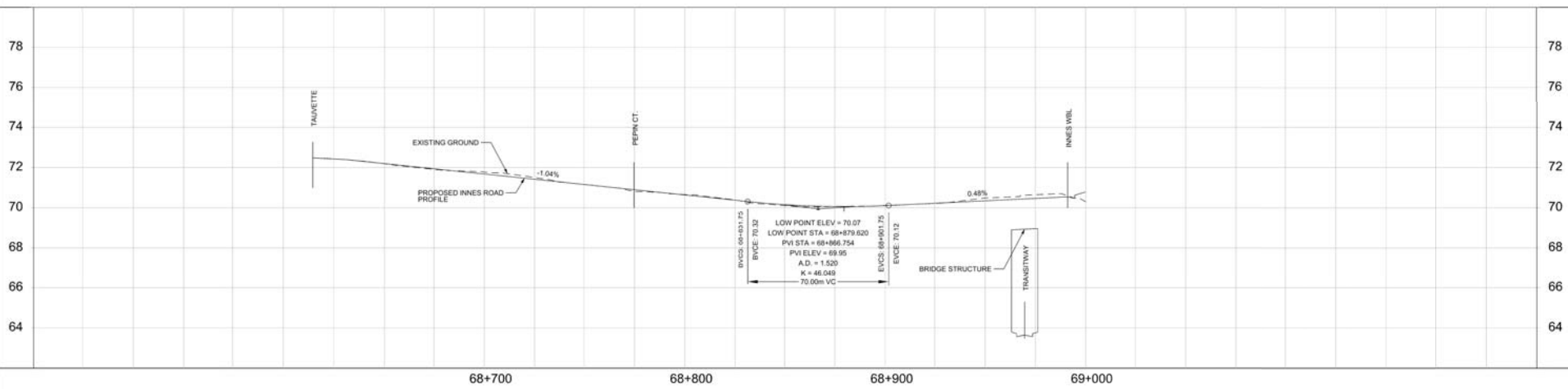
DWG:

TS 5

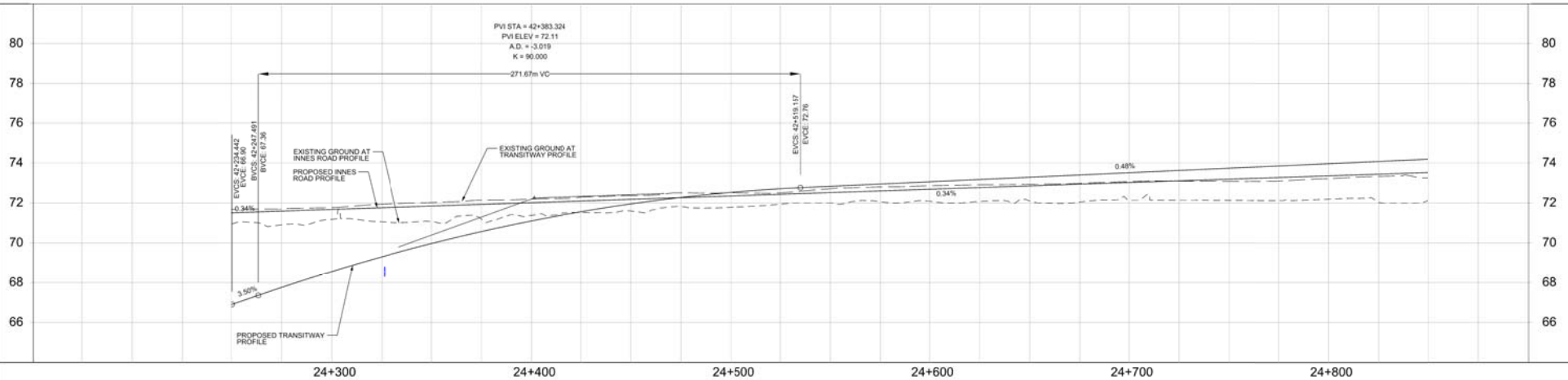


## HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

### Functional Plans and Typical Cross-Sections – July 2010 Section 4

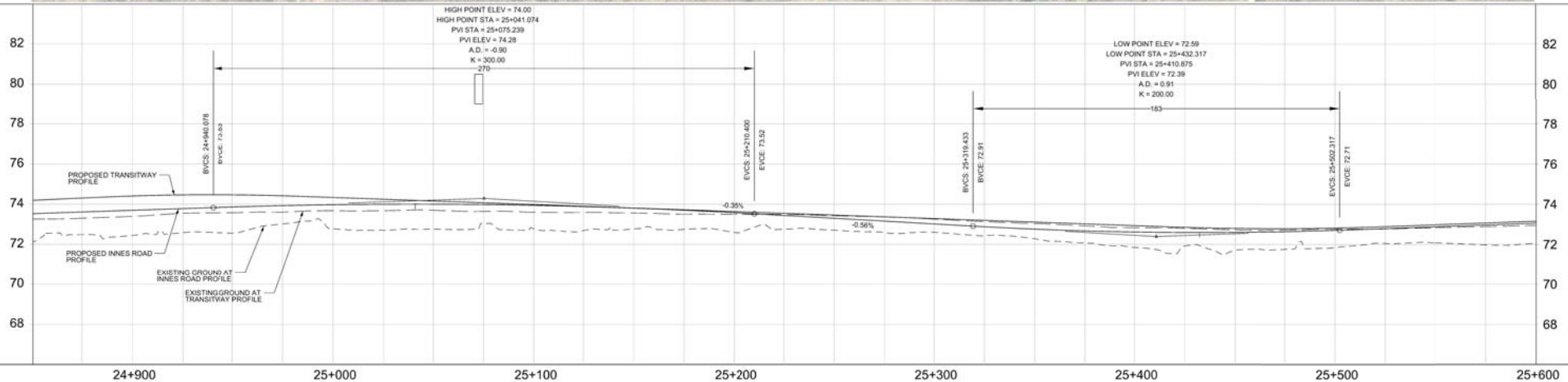
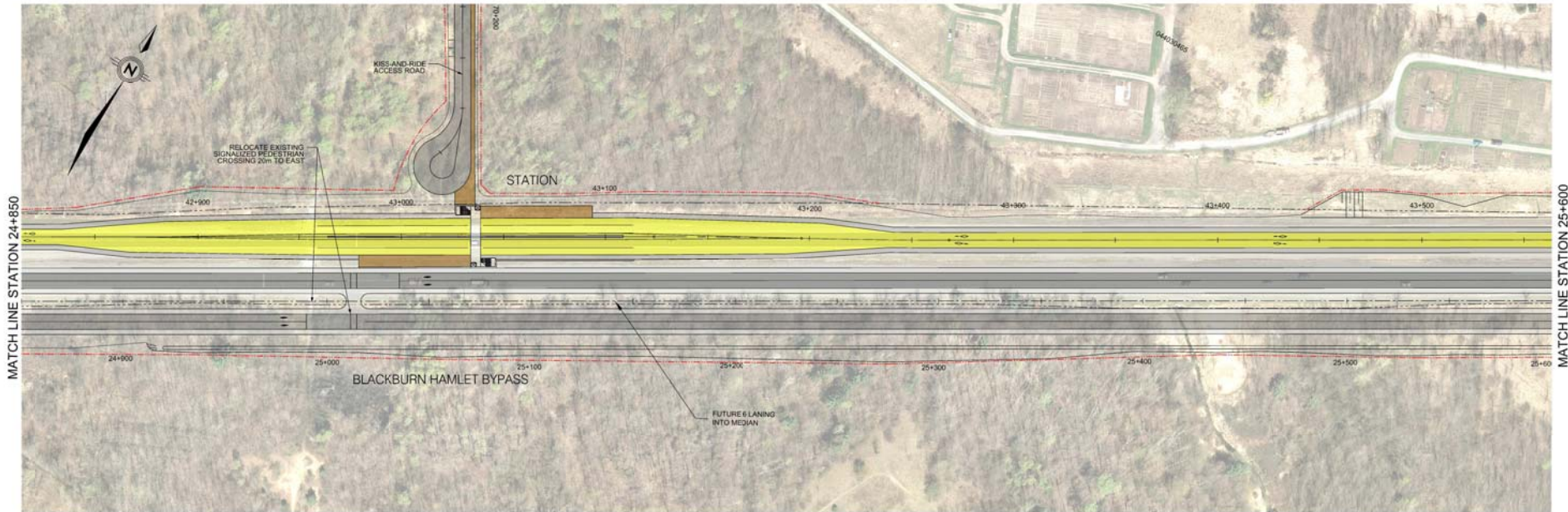


			<b>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</b> <b>RECOMMENDED PLAN AND PROFILE</b> <b>STATION 68+615 TO STATION 69+000</b>		DATE: JULY 2010 SCALE: HORIZONTAL 1" = 100' VERTICAL 1" = 10' DWG:
			<b>LEGEND</b> ■ BUS LANE ■ TRAVEL LANES ■ BIKE LANE/ PAVED SHOULDER ■ SIDEWALK/ MEDIAN ■ MAINTENANCE STRIP	- - - EXISTING PROPERTY LINE - - - PROPOSED PROPERTY LINE	<b>12A</b>



			<b>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</b> <b>RECOMMENDED PLAN AND PROFILE</b> <b>STATION 24+250 TO STATION 24+850</b>		<b>LEGEND</b> 	DATE: JULY 2010 SCALE: HORIZONTAL 1" = 100', VERTICAL 1" = 10' DWG:
			<b>13</b>			



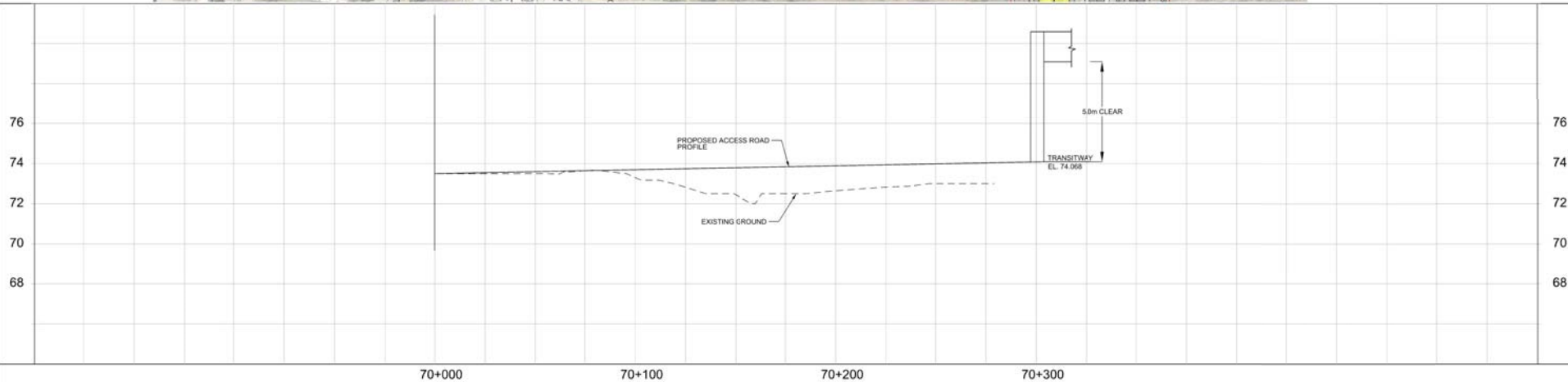


HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 24+850 TO STATION 25+600

LEGEND	
	BUS LANE
	TRAVEL LANES
	BIKE LANE/PAVED SHOULDER
	SIDEWALK/MEDIAN
	MAINTENANCE STRIP
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

DATE: JULY 2010  
 SCALE: HORIZONTAL 1"=100'  
 VERTICAL 1"=10'

DWG: 14

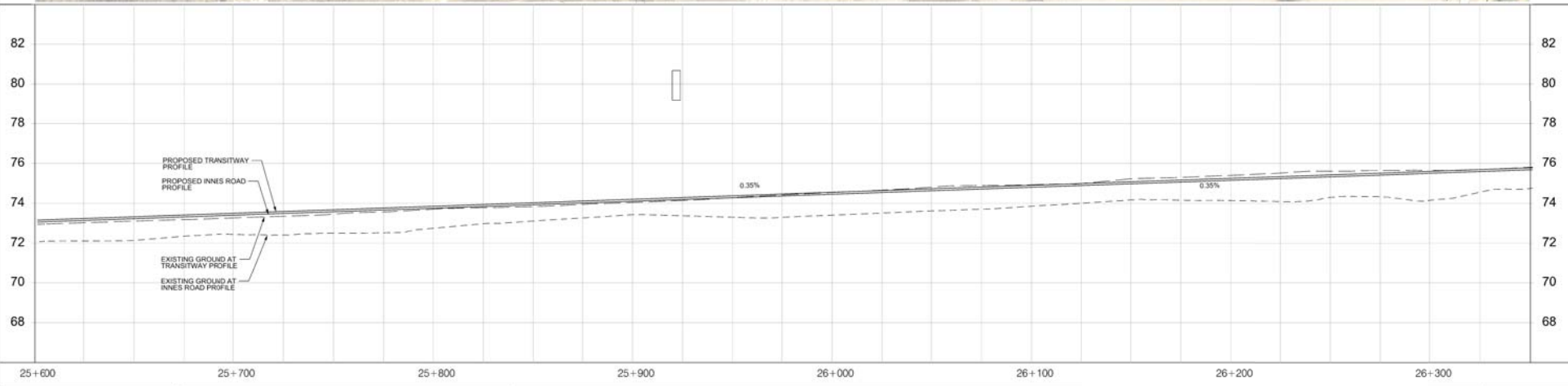
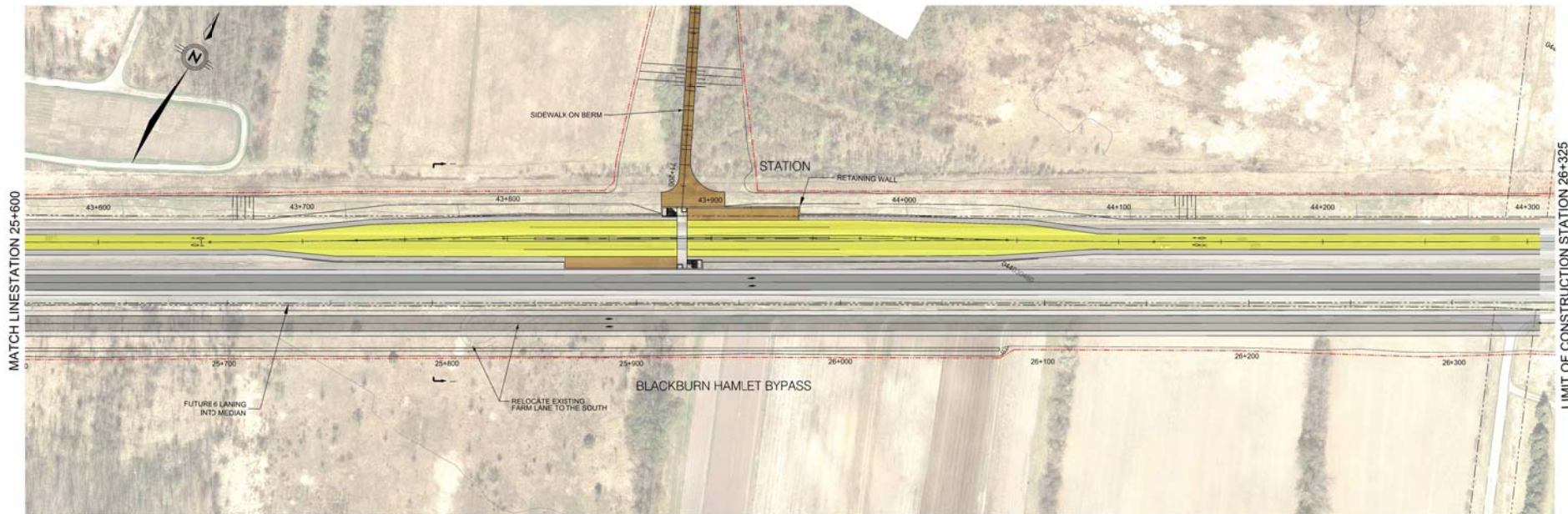


HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 70+000 TO STATION 70+295

LEGEND	
	BUS LANE
	TRAVEL LANES
	BIKE LANE/ PAVED SHOULDER
	SIDEWALK/ MEDIAN
	MAINTENANCE STRIP
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

DATE: JULY 2018  
 SCALE: HORIZONTAL 1" = 100'  
 VERTICAL 1" = 10'

DWG: 14A



HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

RECOMMENDED PLAN AND PROFILE

STATION 25+600 TO STATION 26+325

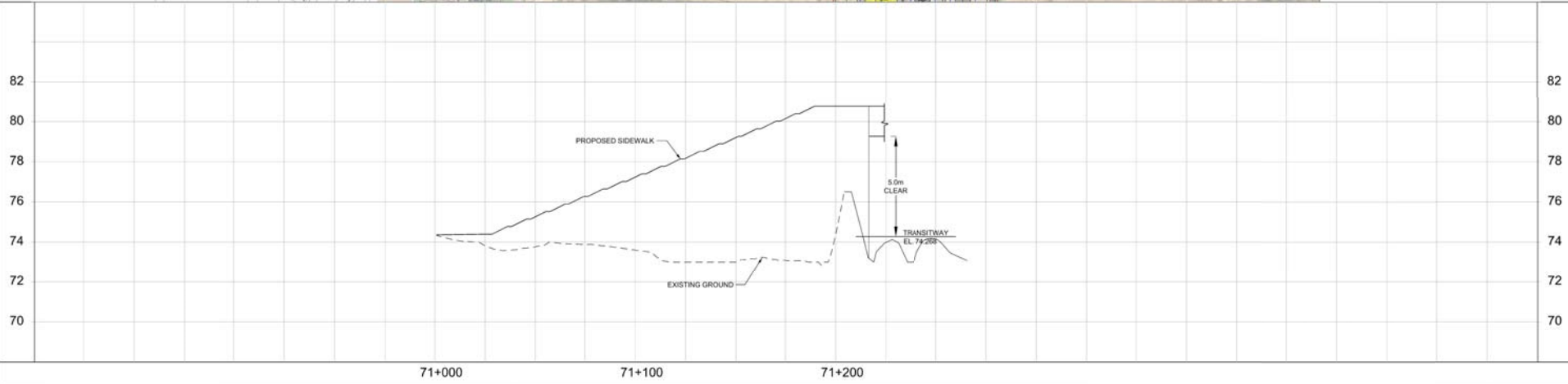
LEGEND	
	BUS LANE
	TRAVEL LANES
	BIKE LANE/ PAVED SHOULDER
	SIDEWALK/ MEDIAN
	MAINTENANCE STRIP
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

DATE: JULY 2010

SCALE: HORIZONTAL 1" = 100'

VERTICAL 1" = 10'

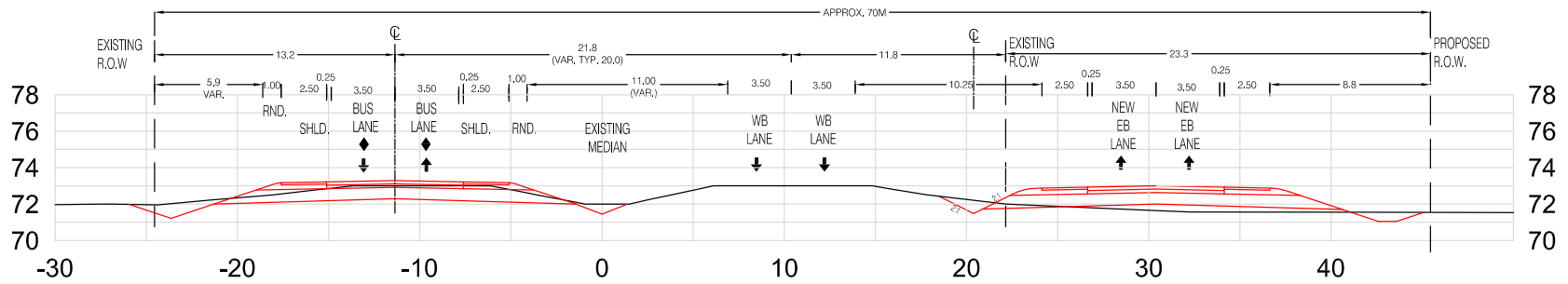
DWG: 15



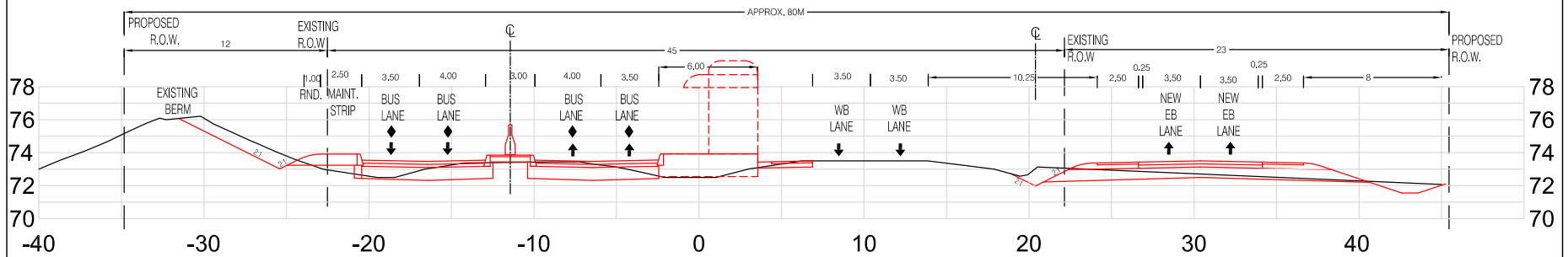
HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 71+000 TO STATION 71+210

LEGEND	
	BUS LANE
	TRAVEL LANES
	BIKE LANE/ PAVED SHOULDER
	SIDEWALK/ MEDIAN
	MAINTENANCE STRIP
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

DATE: JULY 2010  
 SCALE: HORIZONTAL 1" = 100', VERTICAL 1" = 10'  
 DWG: 15A



H-H: STA. 24+800



I-I: STA. 25+800

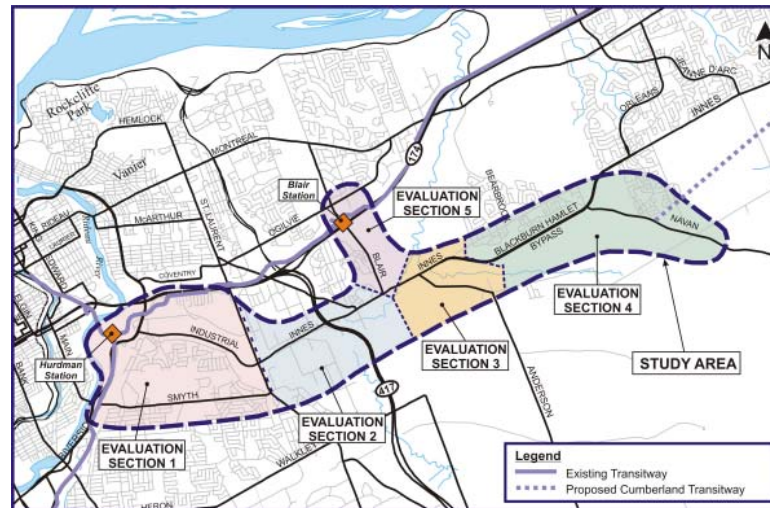


HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

TYPICAL CROSS-SECTION  
SECTION 4 BUSWAY / BLACKBURN HAMLET BYPASS

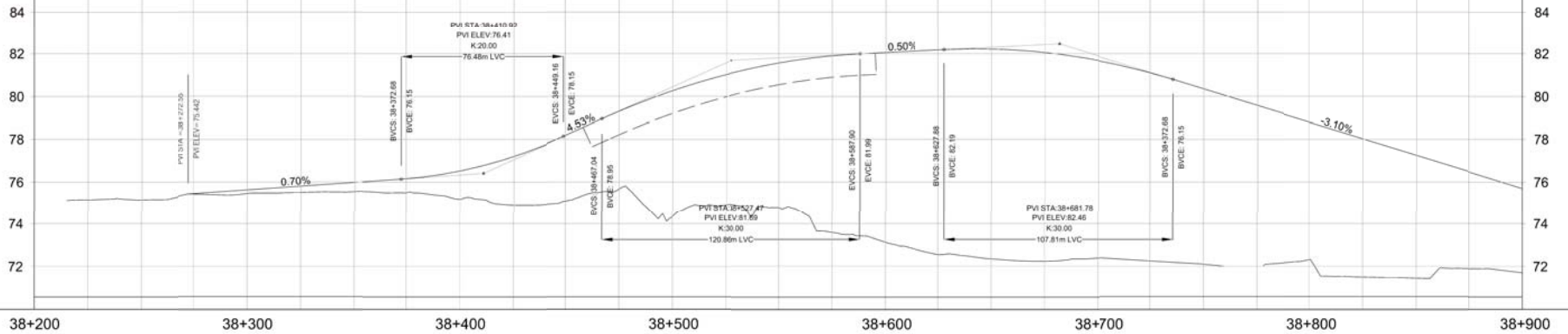
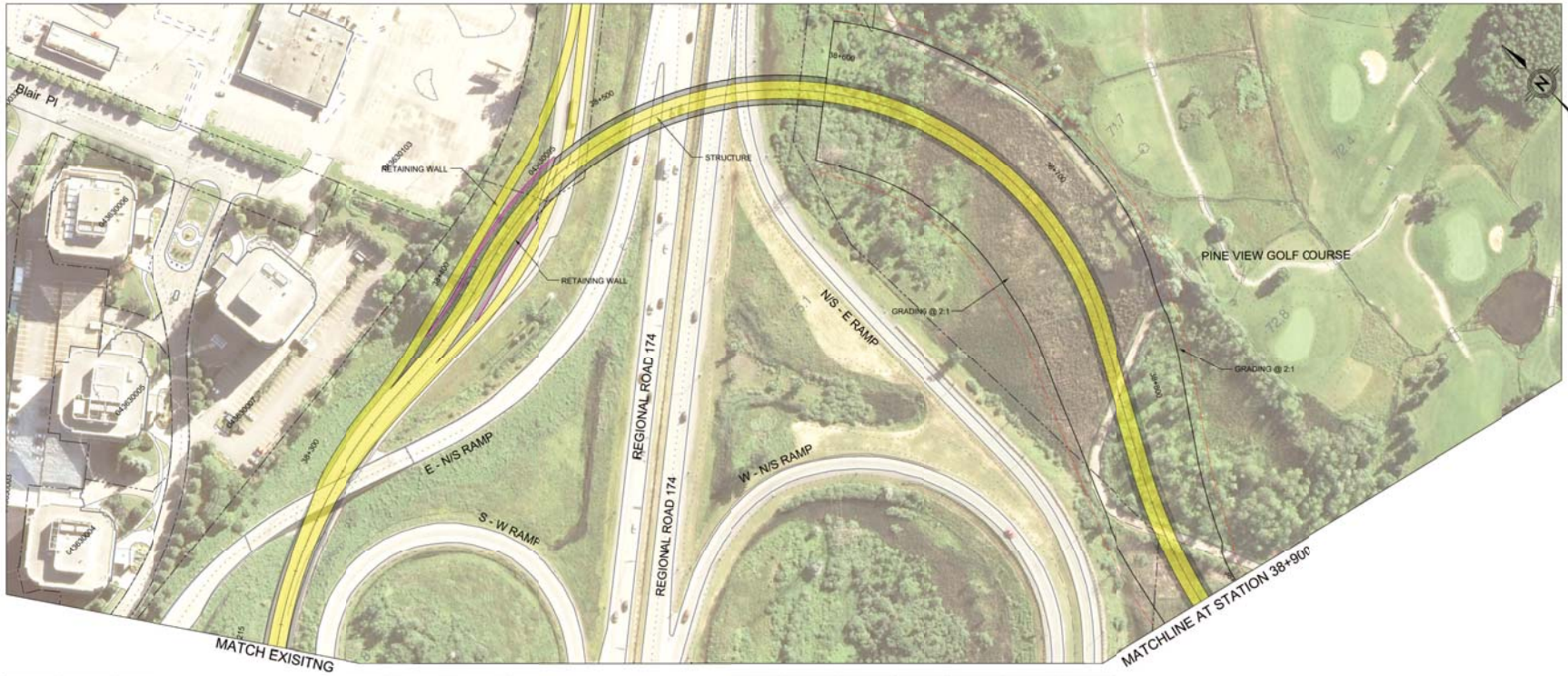
DATE: JULY 2010  
SCALE:  
HORIZONTAL  
1" = 20'  
VERTICAL  
1" = 4'

TS 6



## HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

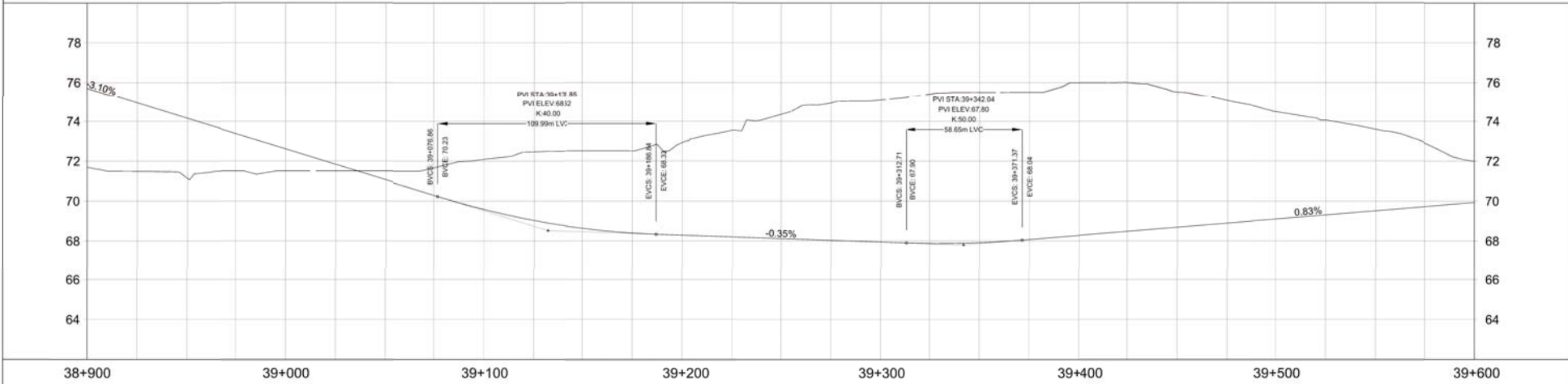
### Functional Plans and Typical Cross-Sections – July 2010 Section 5



HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 38+215 TO STATION 38+900

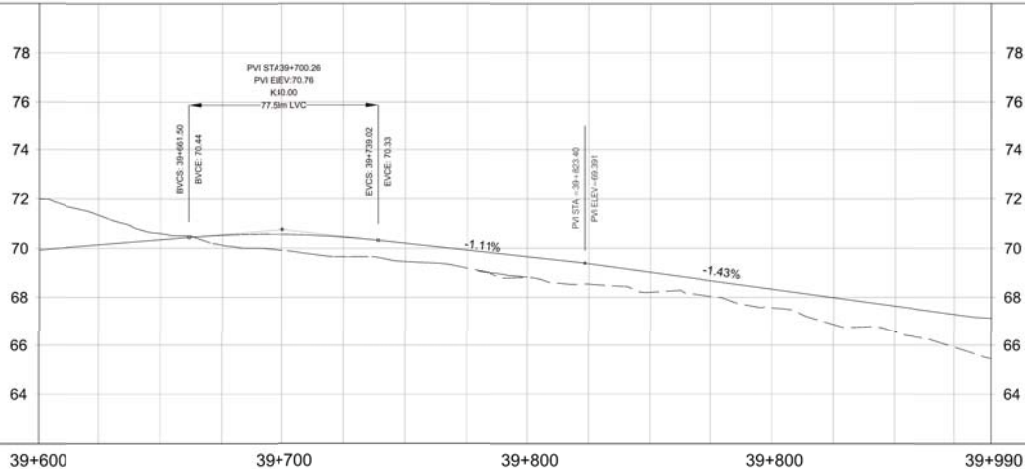
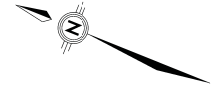
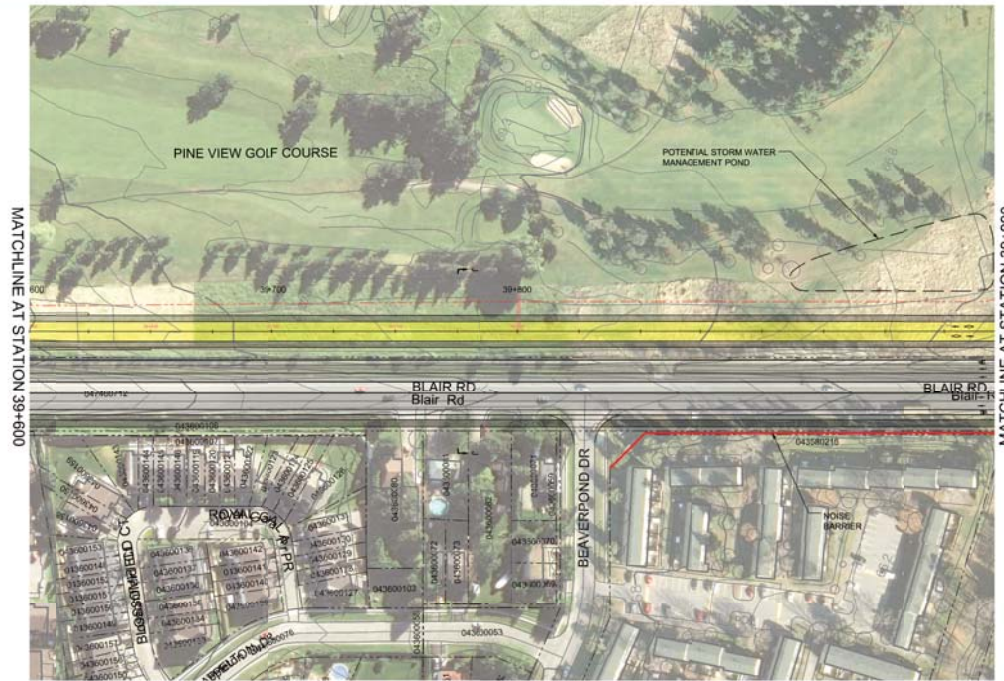
LEGEND	
	BUS LANE
	TRAVEL LANES
	BIKE LANE / PAVED SHOULDER
	SIDEWALK / MEDIAN
	MAINTENANCE STRIP
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

DATE: JULY 2010  
 SCALE: HORIZONTAL 1"=40', VERTICAL 1"=4'  
 DWG: 16



			<p>HOSPITAL LINK &amp; CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY</p> <p>RECOMMENDED PLAN AND PROFILE</p> <p>STATION 38+900 TO STATION 39+600</p>	<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: yellow; border: 1px solid black; margin-right: 5px;"></span> BUS LANE</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: gray; border: 1px solid black; margin-right: 5px;"></span> TRAVEL LANES</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: lightgray; border: 1px solid black; margin-right: 5px;"></span> BIKE LANE / PAVED SHOULDER</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid black; margin-right: 5px;"></span> SIDEWALK / MEDIAN</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #808080; border: 1px solid black; margin-right: 5px;"></span> MAINTENANCE STRIP / PATHWAY</li> <li><span style="display: inline-block; border-bottom: 1px dashed black; width: 20px; margin-right: 5px;"></span> EXISTING PROPERTY LINE</li> <li><span style="display: inline-block; border-bottom: 1px solid red; width: 20px; margin-right: 5px;"></span> PROPOSED PROPERTY LINE</li> </ul>	<p>DATE: JULY 2010</p> <p>SCALE: HORIZONTAL 1"=100'</p> <p style="text-align: center;"> </p> <p>DWG. 17</p>
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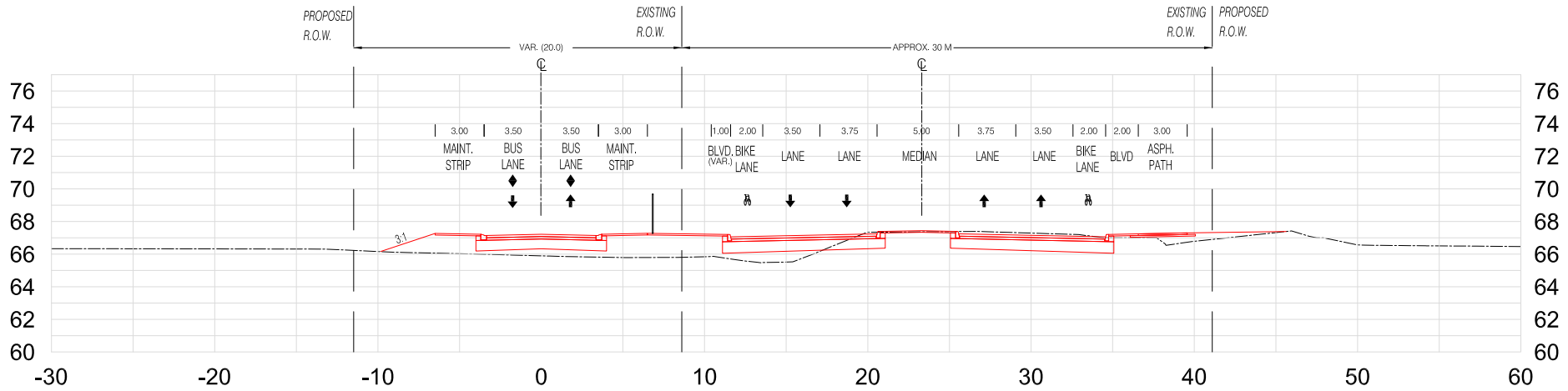


HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY  
 RECOMMENDED PLAN AND PROFILE  
 STATION 39+600 TO STATION 39+990

LEGEND	
	BUS LANE
	TRAVEL LANES
	BIKE LANE / PAVED SHOULDER
	SIDEWALK / MEDIAN
	MAINTENANCE STRIP / PATHWAY
	EXISTING PROPERTY LINE
	PROPOSED PROPERTY LINE

DATE: JULY 2010  
 SCALE: HORIZONTAL 1"=100'  
 VERTICAL 1"=10'

DWG. 18



## J-J: STA. 39+775



HOSPITAL LINK & CUMBERLAND TRANSITWAY WESTERLY PLANNING STUDY

TYPICAL CROSS-SECTION  
SECTION 5 BUSWAY - BLAIR ROAD

DATE: JULY 2010  
SCALE: HORIZONTAL  
0m 10 20 40  
0m 1 2 4  
VERTICAL

DWG: TS 7