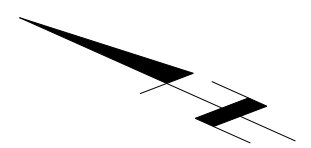
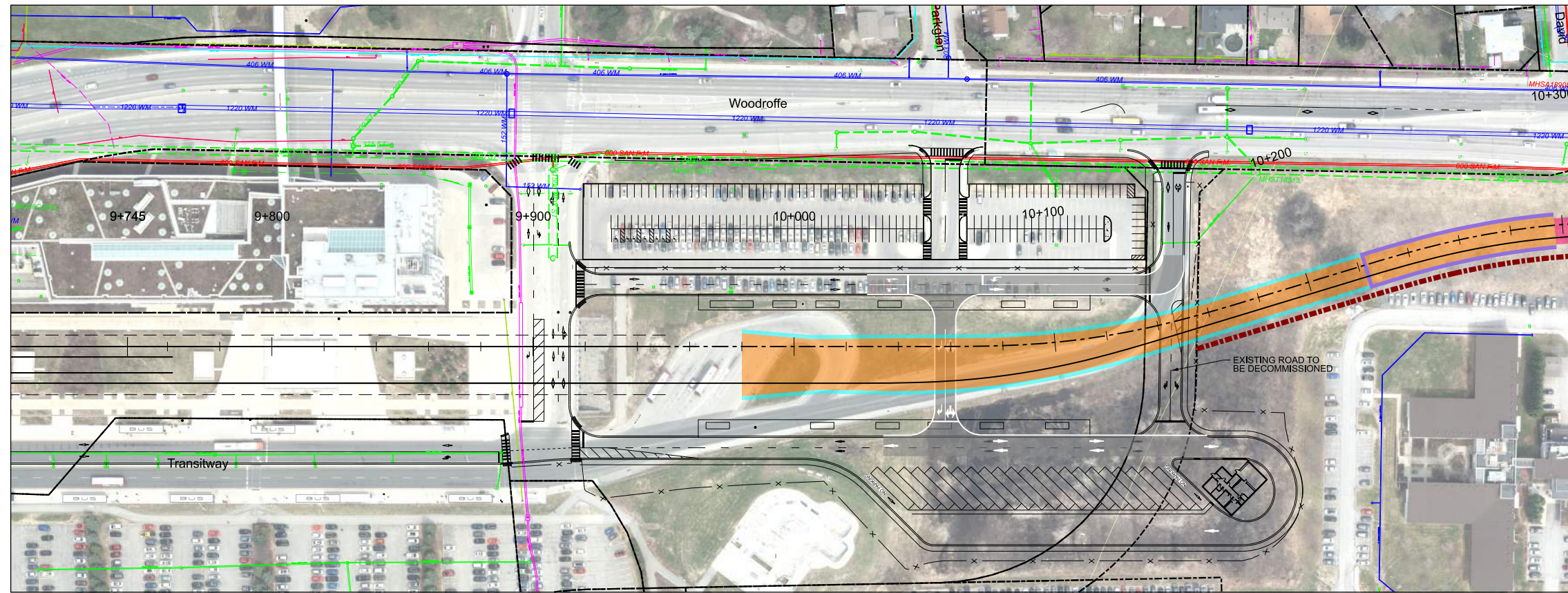


## 8 Recommended Plan

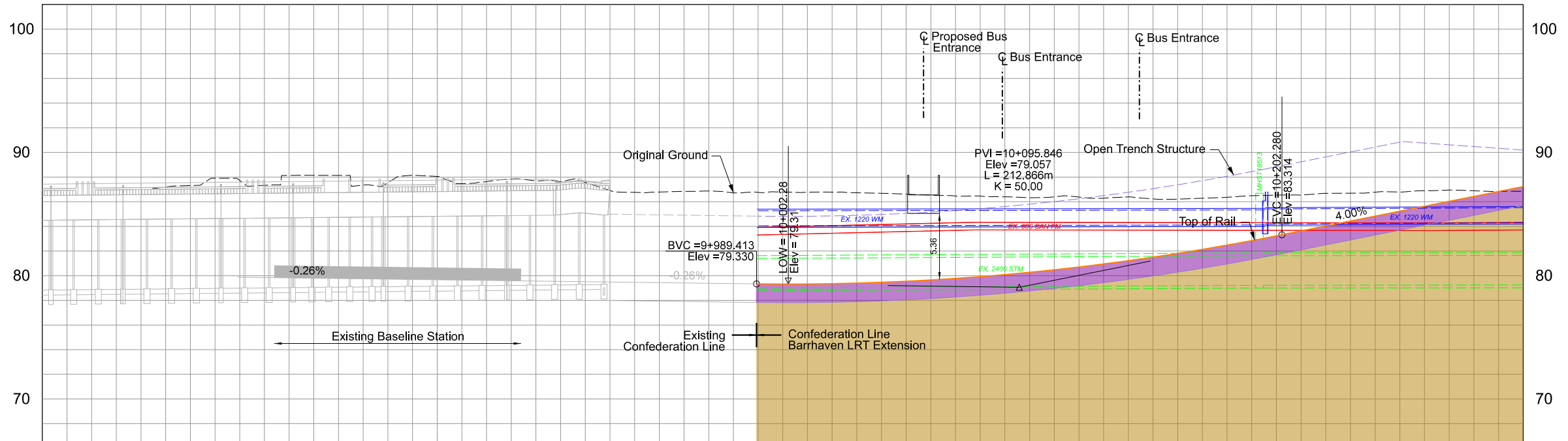
The Functional Design illustrated on the subsequent series of plates has been prepared as part of the Recommended Plan. This design illustrates:

- The LRT alignment in plan and profile;
- Station locations and configuration;
- TSSF location and configuration;
- Rail grade-separations in plan and profile;
- Overpass structure design;
- Roadway design;
- Location of active transportation facilities and connections;
- Proposed areas for landscaping and environmental mitigation; and,
- Property requirements.



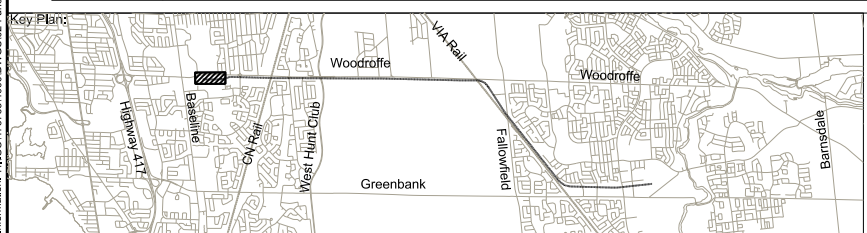
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - Open Trench Structure
  - Top of Rail
  - - - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

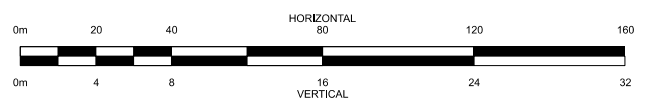


Original Ground		79.87	87.73		79.82	88.13		79.77	88.13		79.71	87.53		79.66	88.05		79.61	87.63		79.56	87.69		79.51	87.56		79.46	86.76		79.41	86.84		79.35	86.71		79.31	86.78		79.35	86.78		79.46	86.88		79.65	86.53		79.92	86.46		80.27	86.32		80.70	86.38		81.21	86.39		81.80	86.21		82.47	86.36		83.22	86.53		84.02	86.67		84.82	86.77		85.62	86.88		86.42	86.88		84.15	86.84	Original Ground
Top of Rail		79.87	88.13		79.77	88.13		79.71	87.53		79.66	88.05		79.61	87.63		79.56	87.69		79.51	87.56		79.46	86.76		79.41	86.84		79.35	86.71		79.31	86.78		79.35	86.78		79.46	86.88		79.65	86.53		79.92	86.46		80.27	86.32		80.70	86.38		81.21	86.39		81.80	86.21		82.47	86.36		83.22	86.53		84.02	86.67		84.82	86.77		85.62	86.88		86.42	86.88	Top of Rail						
Station	9+700		9+800		9+900		10+000		10+100		10+200		10+300		Station																																																																			

Consultant's Information: H:\B07\761504\00\DWG\02-Functional Design\Sheets\001-476765-4000-BLRT\EXP-201.dgn  
 Last Saved: 4/18/2023 10:26:04 AM  
 Plot Date: 5/4/2023 11:58:55 AM



### Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station

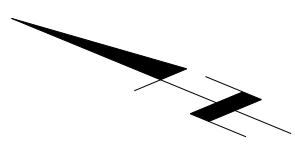
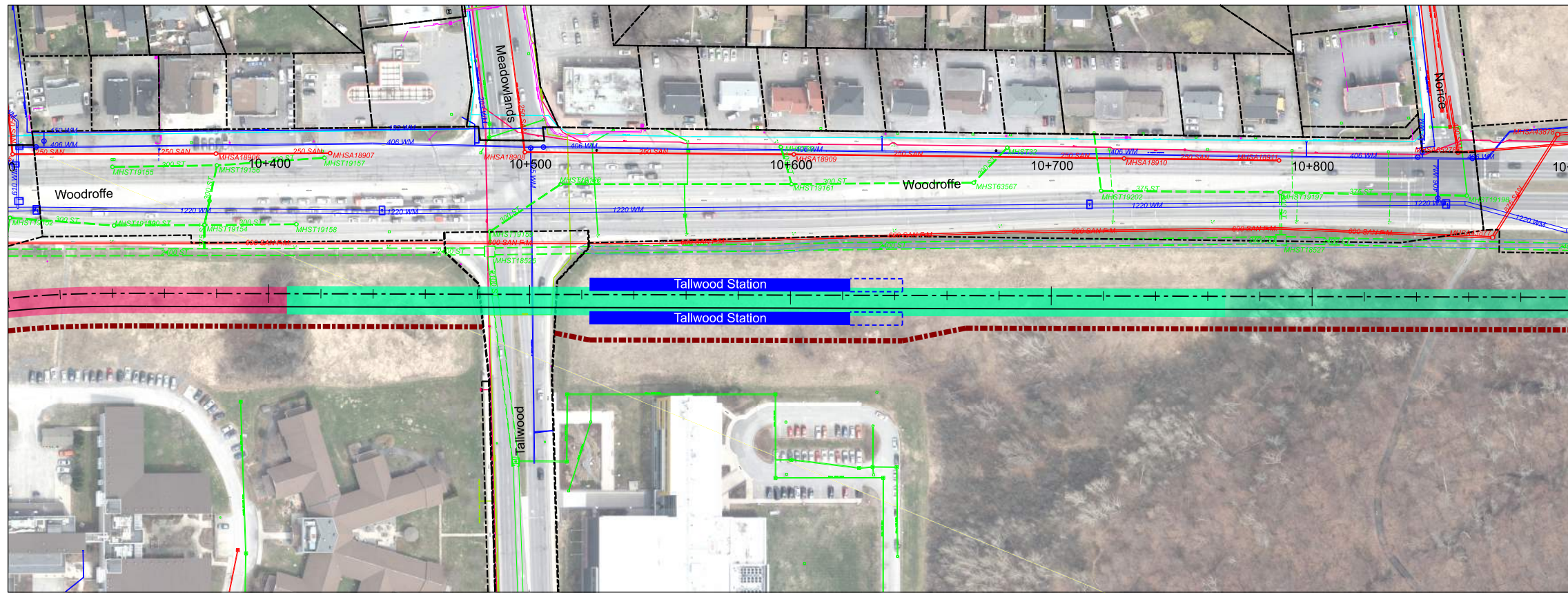


April 18, 2023

**Plan and Profile**

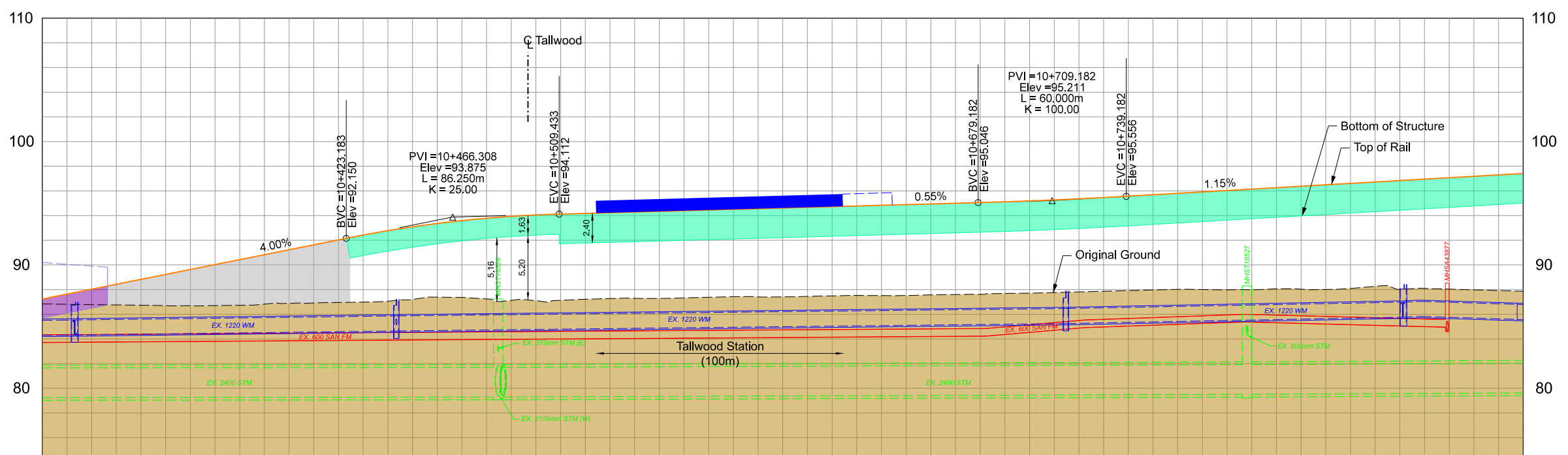
Baseline Station  
Limit of LRT  
to Sta. 10+300

Revision:  
Sheet: **1**



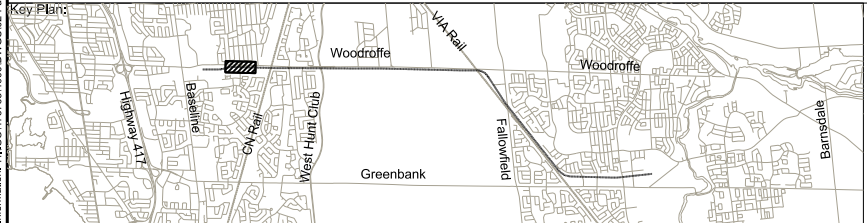
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - - - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

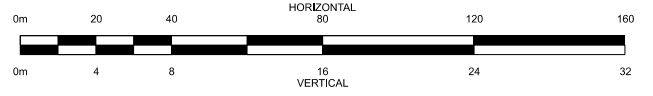


Original Ground	88.64	88.78	88.73	88.68	88.72	88.88	88.95	87.05	87.38	87.25	87.10	87.21	87.29	87.33	87.43	87.41	87.49	87.52	87.57	87.61	87.71	87.81	87.91	88.02	87.98	88.08	88.07	88.01	88.28	88.28	88.28	87.98	87.88	87.88			
Top of Rail	84.15	88.02	88.82	89.62	90.42	91.22	92.02	92.77	93.35	93.78	94.04	94.17	94.28	94.39	94.50	94.61	94.72	94.83	94.94	95.05	95.18	95.35	95.57	95.80	96.03	96.26	96.49	96.72	96.95	97.18	97.32	97.32	97.32	97.32	97.32	97.32	
Station	10+300					10+400					10+500					10+600					10+700						10+800										10+900

April 18, 2023



## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Sation



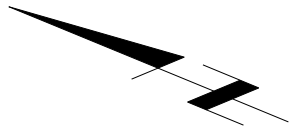
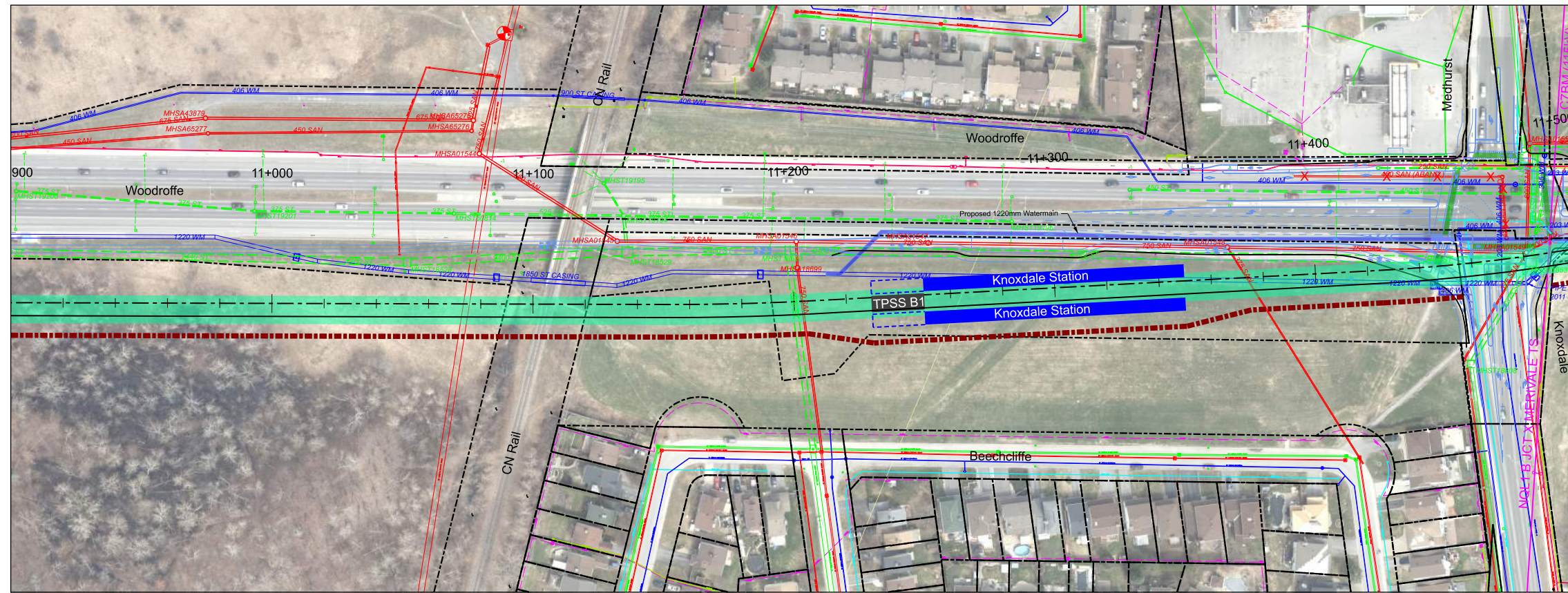
### Plan and Profile

Tallwood Station  
Sta. 10+300  
to Sta. 10+900

Revision:	
Sheet:	<b>2</b>

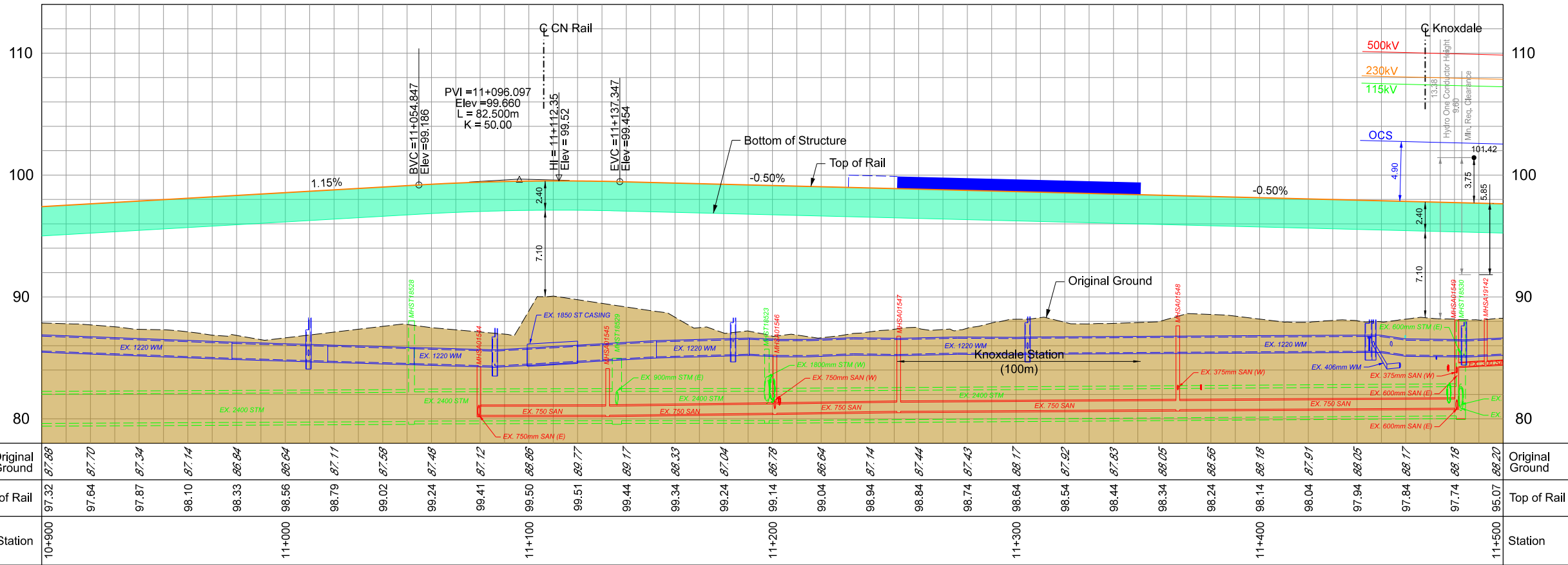
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 Plot Date: 2023-12-22 8:26:53 AM

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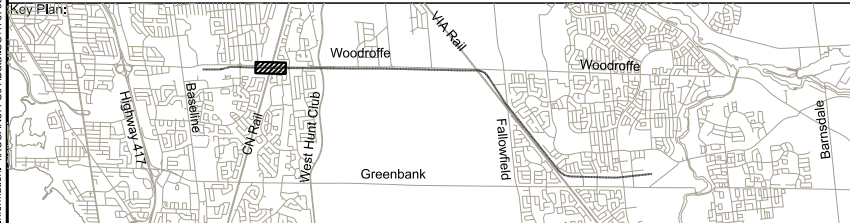
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - Open Trench Structure
  - Top of Rail
  - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

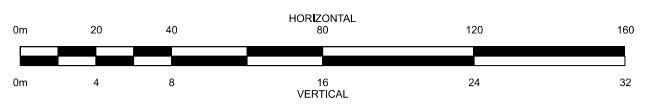


Original Ground	87.88	87.70	87.34	87.14	86.84	86.64	87.11	87.58	87.48	87.12	88.86	89.77	89.17	88.33	87.04	86.78	86.64	87.14	87.44	87.43	88.17	87.92	87.83	88.05	88.56	88.18	87.91	88.05	87.84	88.18	88.20	Original Ground
Top of Rail	97.32	97.64	97.87	98.10	98.33	98.56	98.79	99.02	99.24	99.41	99.50	99.51	99.44	99.34	99.24	99.14	99.04	98.94	98.84	98.74	98.64	98.54	98.44	98.34	98.24	98.14	98.04	97.94	97.84	97.74	95.07	Top of Rail
Station	10+900					11+000					11+100					11+200					11+300						11+400				11+500	Station

April 18, 2023



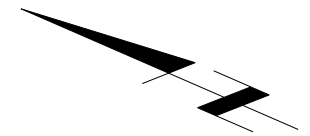
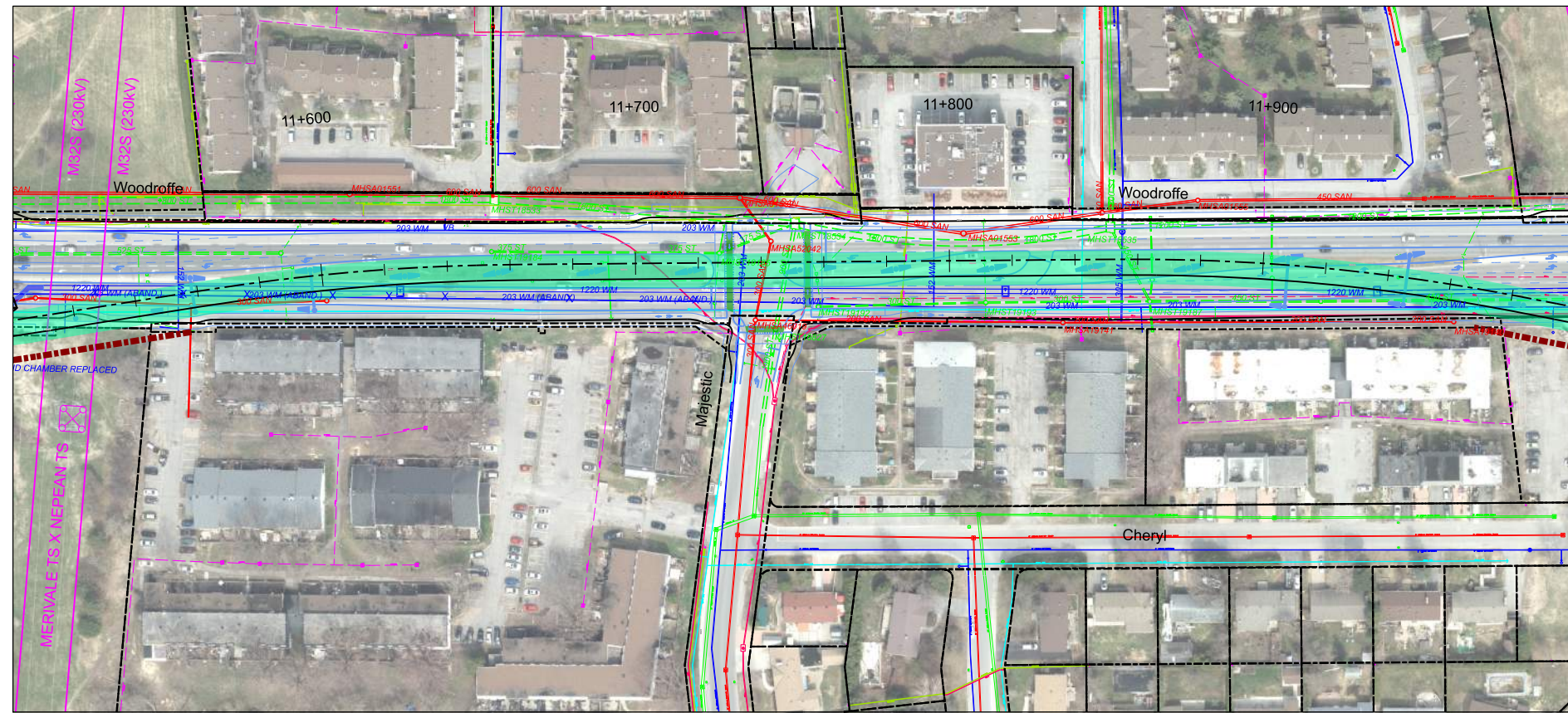
### Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Sation



### Plan and Profile

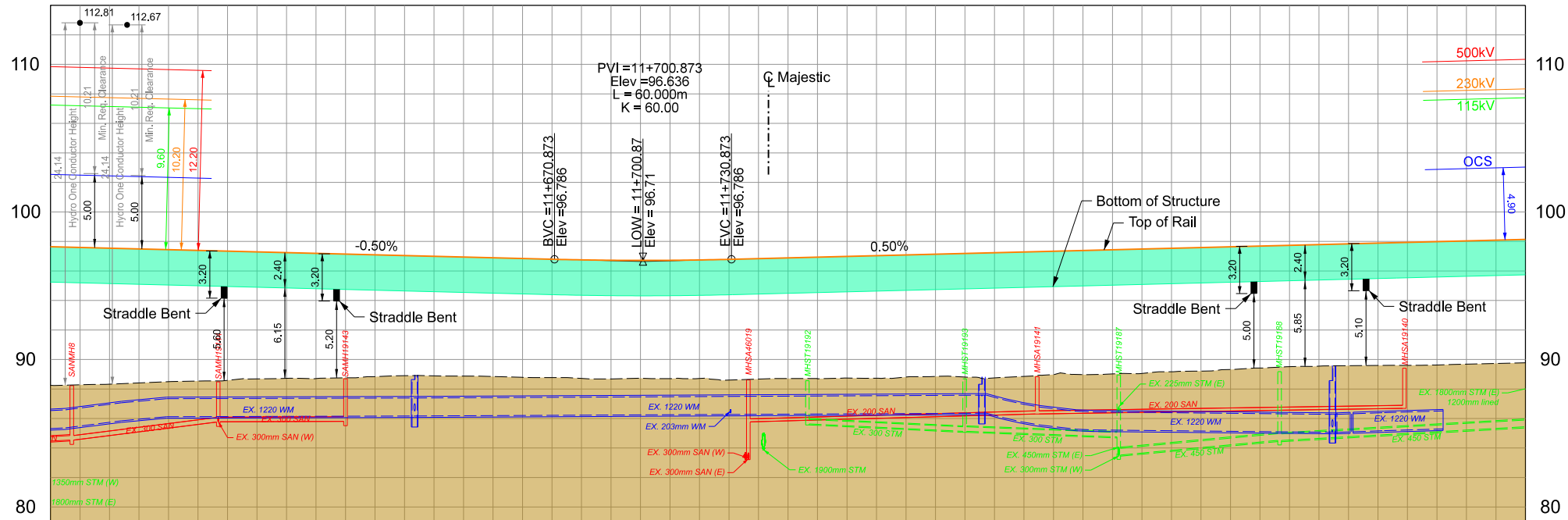
Knoxdale Station  
Sta. 10+900  
to Sta. 11+500

Revision:	
Sheet:	<b>3</b>



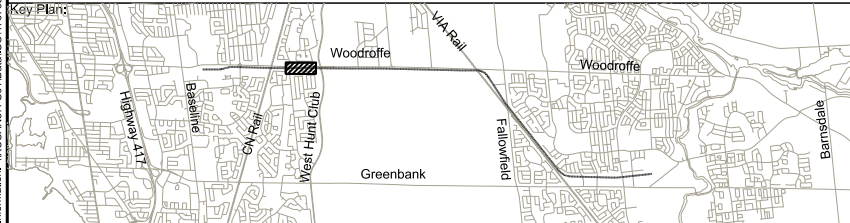
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - - - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - - - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

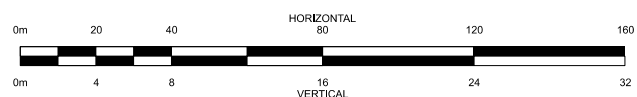


Original Ground	88.20	88.32	88.49	88.58	88.72	88.76	88.80	88.87	88.79	88.71	88.73	88.71	88.67	88.68	88.73	88.85	88.75	88.87	88.92	88.17	88.32	88.51	88.58	88.67	88.68	88.12	Original Ground
Top of Rail	95.07	97.54	97.44	97.34	97.24	97.14	97.04	96.94	96.84	96.75	96.71	96.74	96.83	96.93	97.03	97.13	97.23	97.33	97.43	97.53	97.63	97.73	97.83	97.93	98.03	96.98	Top of Rail
Station	11+500					11+600					11+700					11+800						11+900				12+000	Station

Consultant's Information: WCC\CA\NFS\01\Drawings\47854000\DWGS\02-Functional Design\Sheets\04-478765-4000-BL-RT-rs-pkg-004.dgn  
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 SD/YES ST/YES



## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station

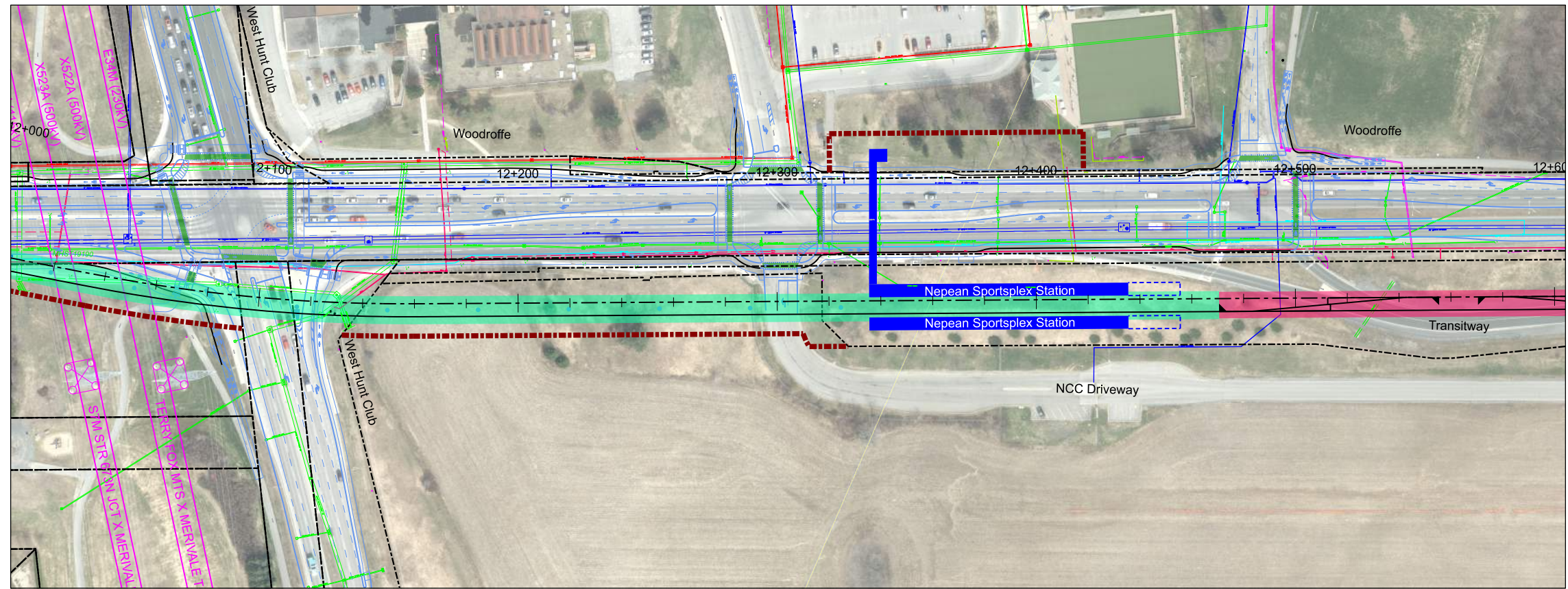


April 18, 2023

### Plan and Profile

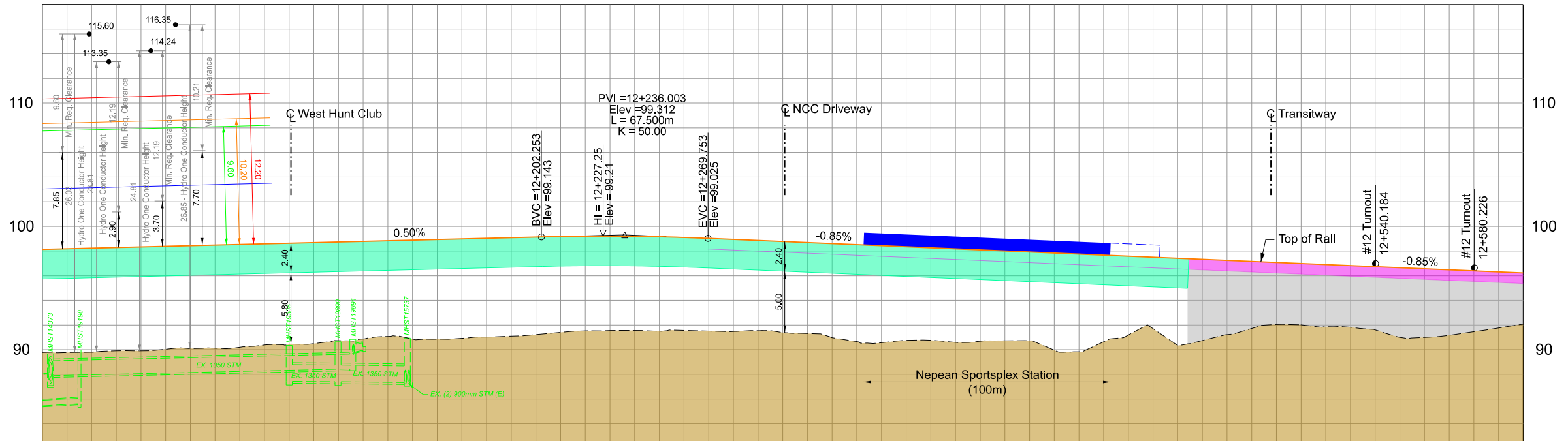
Sta. 11+500  
to Sta. 12+000

Revision:	
Sheet:	<b>4</b>



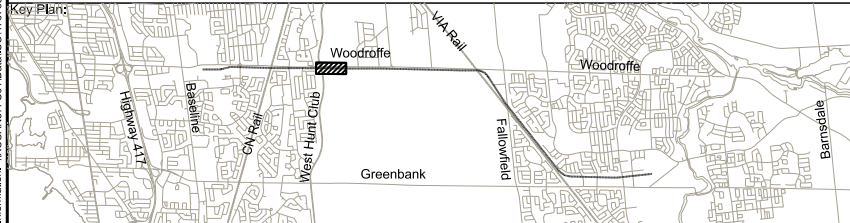
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - Open Trench Structure
  - Top of Rail
  - Original Ground
  - Platform
  - Existing property Line
  - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

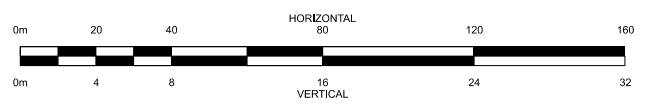


Original Ground	89.12	89.79	89.80	90.09	90.19	90.43	90.73	91.07	90.85	91.02	91.22	91.52	91.55	91.55	91.47	91.38	90.97	90.55	90.76	90.68	90.72	89.83	91.18	91.41	91.21	92.04	91.85	91.67	90.89	91.45	92.15	Original Ground
Top of Rail	96.98	98.23	98.33	98.43	98.53	98.63	98.73	98.83	98.93	99.03	99.13	99.20	99.19	99.10	98.94	98.77	98.60	98.43	98.26	98.09	97.92	97.75	97.58	97.41	97.24	97.07	96.90	96.73	96.56	96.39	95.28	Top of Rail
Station	12+000					12+100					12+200					12+300						12+400					12+500				12+600	Station

Consultant's Information: WCC\CAN\FTS\01\Drawings\4785\4000\DWG\SIG-F\Functional Design\Sheets\05-478765-4000-BL-RT-rs-pkg-005.dgn  
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 Plot Date: 8/21/2020 4:02:22 PM



## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station



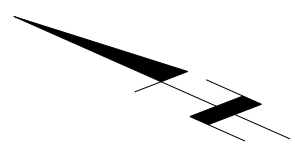
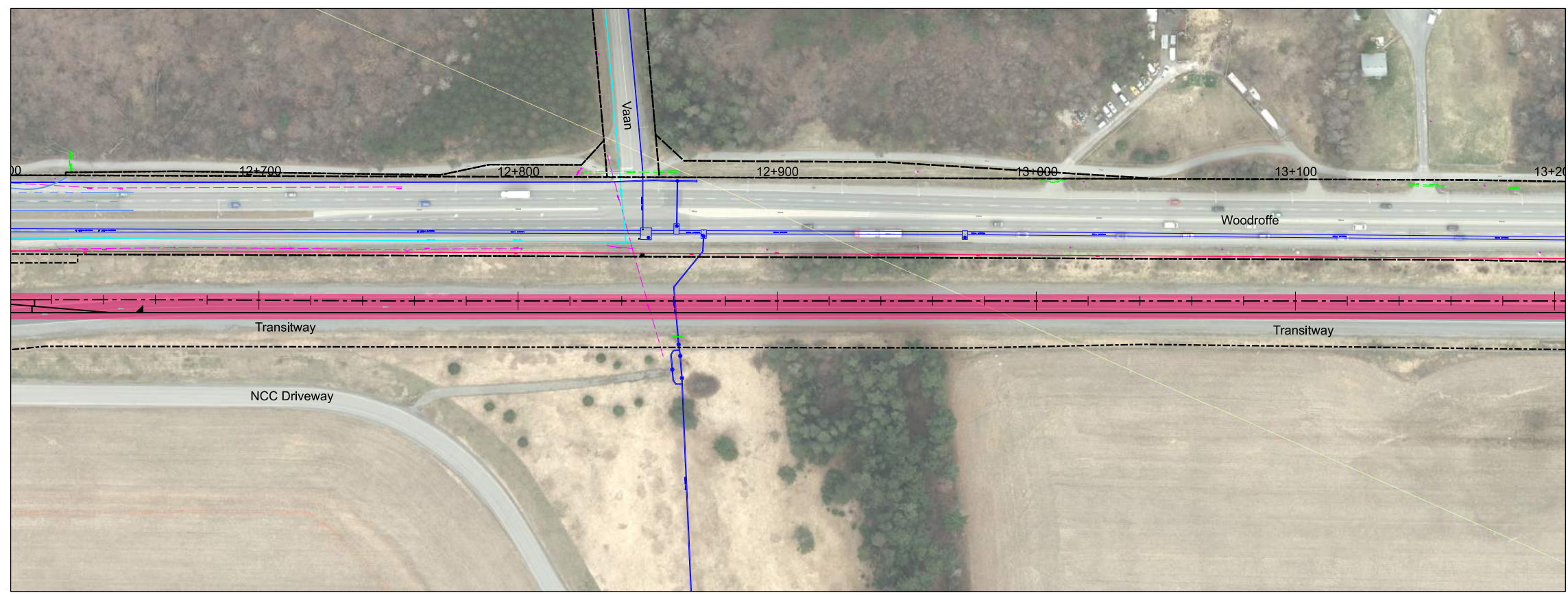
April 18, 2023

### Plan and Profile

West Hunt Club Station  
Sta. 12+000  
to Sta. 12+600

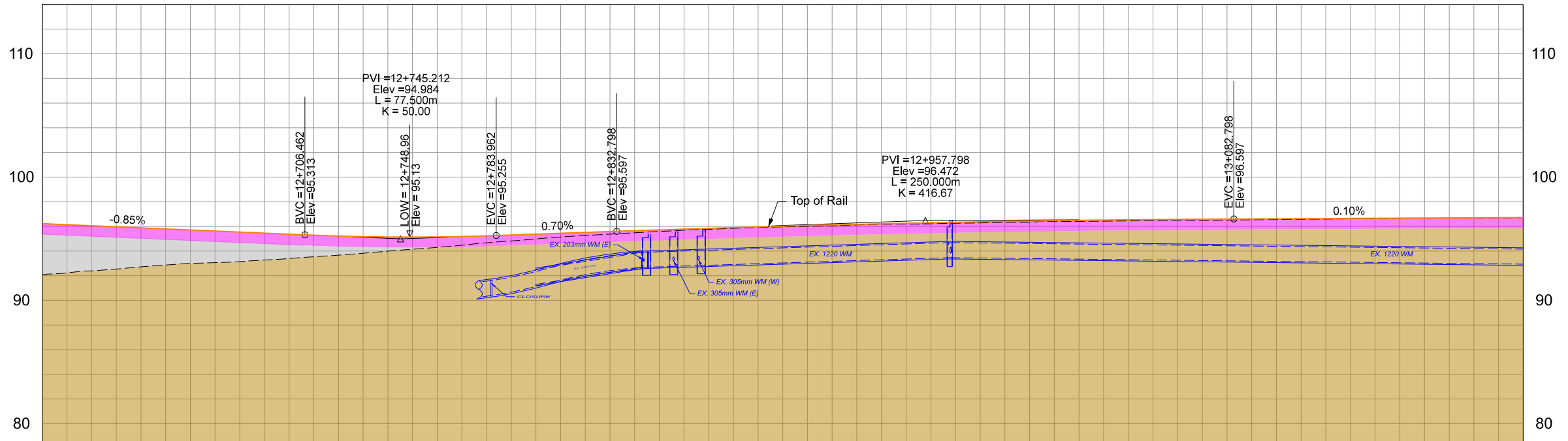
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Consultant's Information: WCC\CA\NFTS\01\Drawings\000\DWG\SIG-F\Functional Design\Sheets\06-476765-4000-BL\PLT\PLT-006.Dgn  
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 SD/YES ST/YES



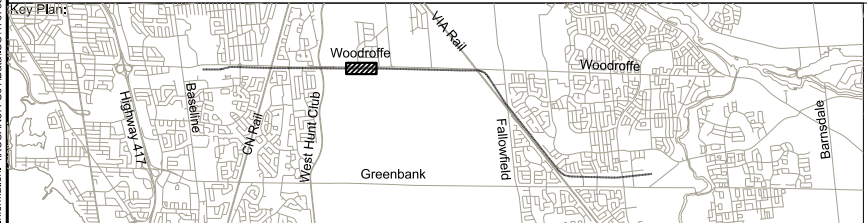
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
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  - Existing Ground Material
  - Fill Material
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  - Portal



Original Ground	92.15	92.39	92.71	92.99	93.14	93.39	93.66	94.02	94.29	94.66	94.98	95.26	95.49	95.69	95.84	95.95	96.06	96.16	96.21	96.28	96.35	96.40	96.42	96.45	96.49	96.53	96.57	96.62	96.65	96.69	96.73	Original Ground
Top of Rail	95.28	96.05	95.88	95.71	95.54	95.37	95.22	95.14	95.14	95.23	95.37	95.51	95.65	95.78	95.90	96.01	96.12	96.21	96.29	96.37	96.43	96.49	96.53	96.57	96.59	96.61	96.63	96.65	96.67	96.69	96.73	Top of Rail
Station	12+600					12+700					12+800					12+900						13+000									13+200	Station

April 18, 2023



### Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station

### Plan and Profile

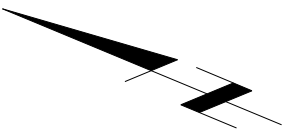
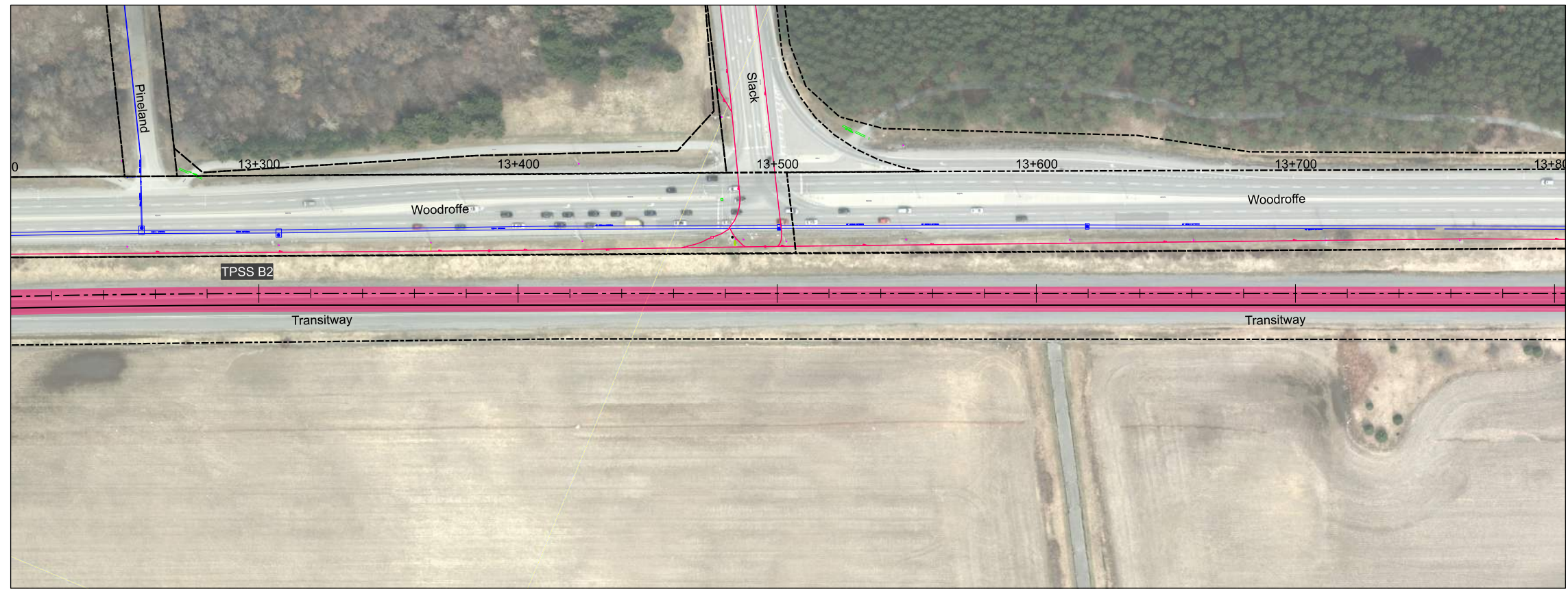
Sta. 12+600  
to Sta. 13+200

Revision:	
Sheet:	<b>6</b>

Plot Date: 8/24/2023 11:03:15 AM

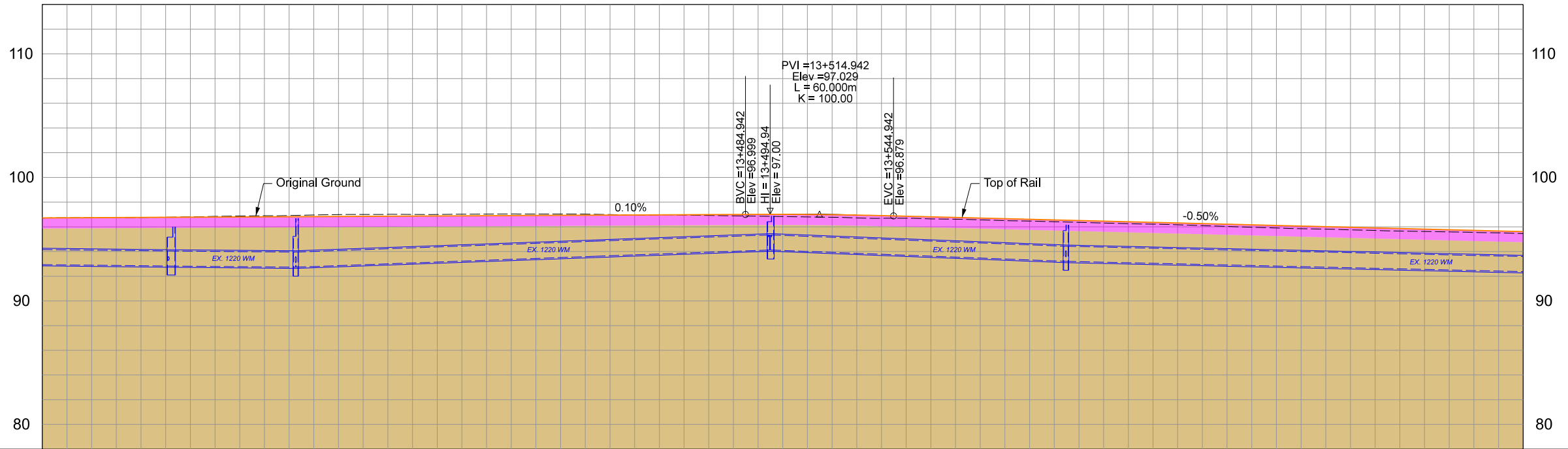
Plot Date: 4/18/2023 11:03:15 AM

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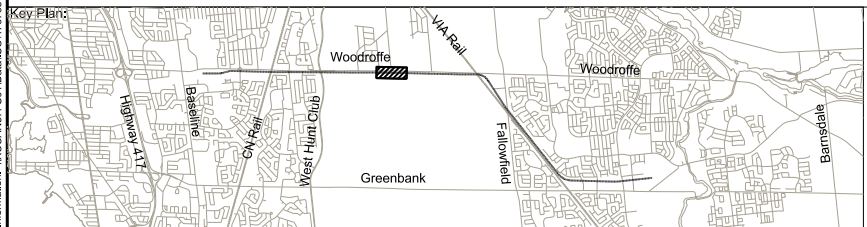


Note:  
Pathways are conceptual  
and are subject to change.

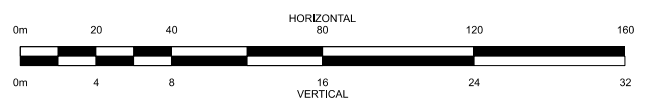
- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
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  - - - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal



Original Ground	96.73	96.74	96.75	96.81	96.87	96.92	96.99	97.00	97.03	97.04	97.03	96.95	96.94	96.88	97.00	96.82	96.77	96.69	96.64	96.55	96.46	96.36	96.25	96.16	96.02	95.90	95.81	95.71	95.61	95.55	95.42	Original Ground		
Top of Rail	96.29	96.73	96.75	96.77	96.79	96.81	96.83	96.85	96.87	96.89	97.03	96.95	96.97	96.99	97.00	96.82	96.77	96.69	96.64	96.55	96.46	96.36	96.25	96.16	96.02	95.90	95.81	95.71	95.61	95.55	95.42	Top of Rail		
Station	13+200					13+300									13+400																		13+800	Station



## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station



April 18, 2023

### Plan and Profile

Sta. 13+200  
to Sta. 13+800

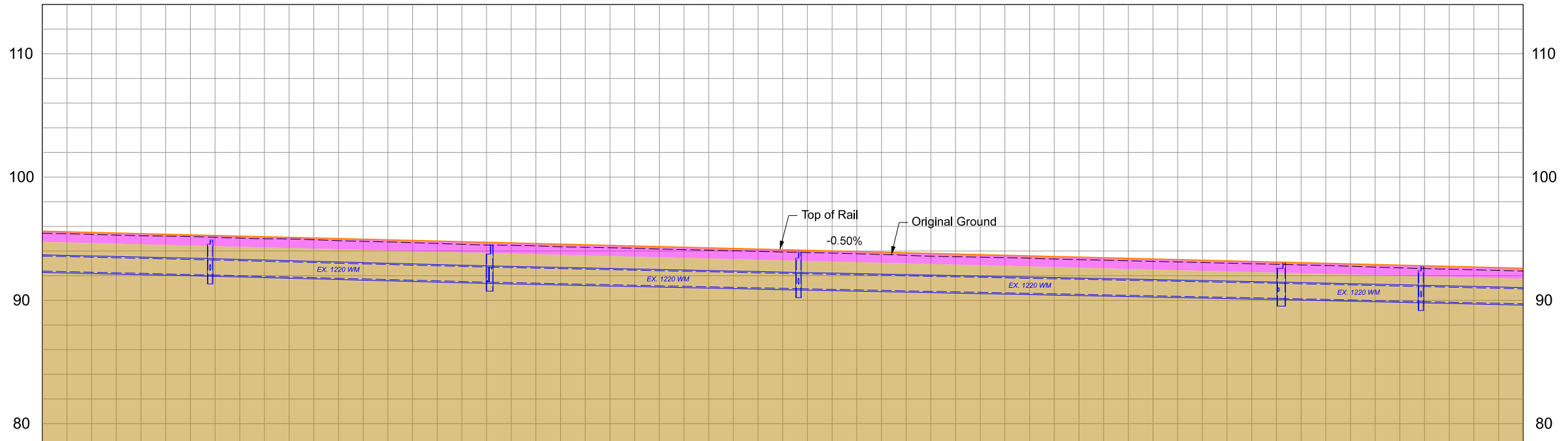
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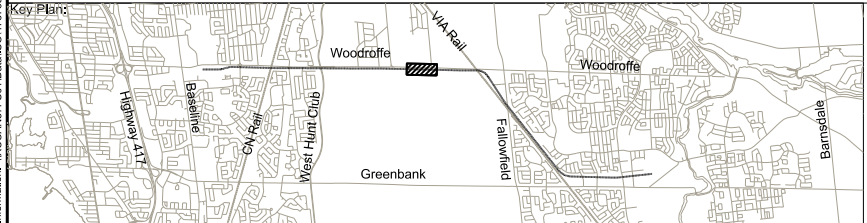
Note:  
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and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
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  - - - Original Ground
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  - - - Proposed property Line
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  - Ballasted Track
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  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

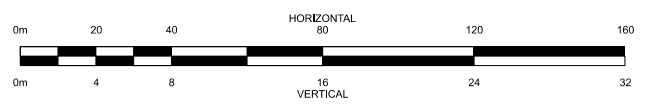


Original Ground	13+800	95.42	95.39	95.35	95.24	95.18	95.04	94.88	94.83	94.74	94.61	94.48	94.42	94.30	94.30	94.22	94.30	94.12	94.02	94.10	93.91	94.00	93.83	93.90	93.72	93.80	93.57	93.70	93.51	93.42	93.50	93.30	93.40	93.19	93.30	93.08	93.01	93.10	92.90	93.00	92.82	92.90	92.68	92.80	92.57	92.70	92.49	92.36	Original Ground	
Top of Rail	13+800	95.39	95.50	95.40	95.30	95.18	95.20	95.10	95.00	94.90	94.74	94.80	94.70	94.48	94.60	94.50	94.30	94.42	94.20	94.22	94.10	93.91	94.00	93.83	93.90	93.72	93.80	93.57	93.70	93.51	93.42	93.50	93.30	93.40	93.19	93.30	93.08	93.01	93.10	92.90	93.00	92.82	92.90	92.68	92.80	92.57	92.70	92.49	92.36	Top of Rail
Station	13+800						13+900							14+000							14+100																												14+400	Station

April 18, 2023



### Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station



### Plan and Profile

Sta. 13+800  
to Sta. 14+400

Revision:	
Sheet:	8

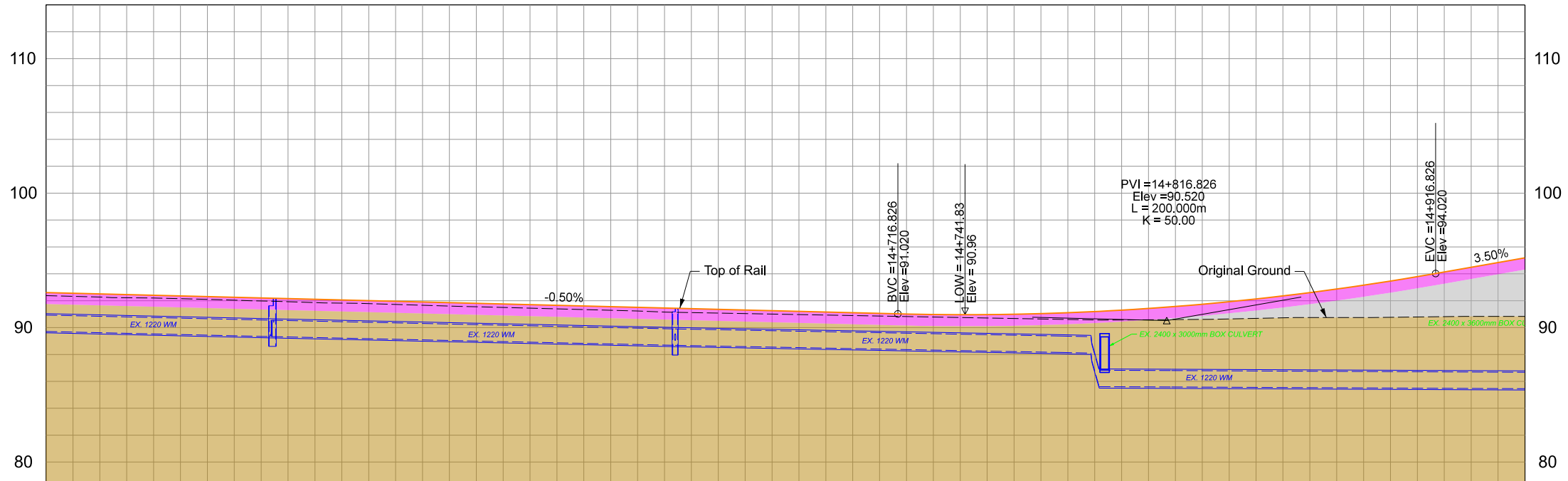
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 Plot Date: 5/4/2023 11:05:55 AM  
 \$D:\TES \$TIMES

Consultant's Information: \\C:\CAN\FSD1\Drawings\4785\000\DWG\SIG-F\Functional Design\Sheets\09-478765-4000-BL-RT-rs-pkg-006.Dgn  
 Plot Date: 8/24/2019 8:07:04 AM  
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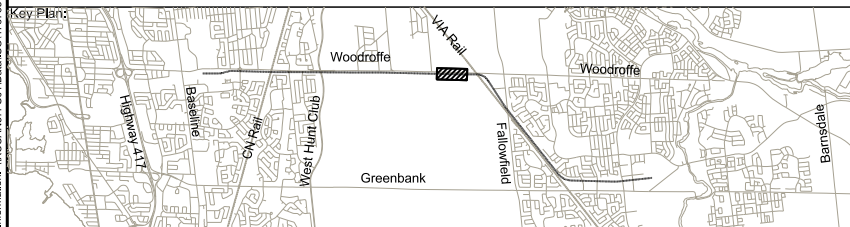
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

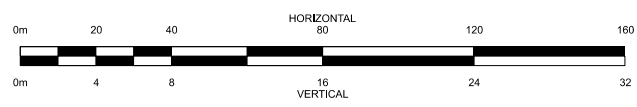


Original Ground	92.36	92.36	92.27	92.20	92.10	91.98	91.86	91.78	91.65	91.55	91.45	91.34	91.23	91.12	91.07	90.98	90.90	90.82	90.75	90.69	90.61	90.57	90.59	90.64	90.72	90.74	90.76	90.81	90.83	Original Ground	
Top of Rail	92.39	92.50	92.40	92.30	92.20	92.10	91.98	91.86	91.78	91.65	91.55	91.45	91.34	91.23	91.12	91.07	90.98	90.90	90.82	90.75	90.69	90.61	90.57	90.59	90.64	90.72	90.74	90.76	90.81	90.83	Top of Rail
Station	14+400				14+500							14+600						14+700					14+800					14+900			Station

April 18, 2023



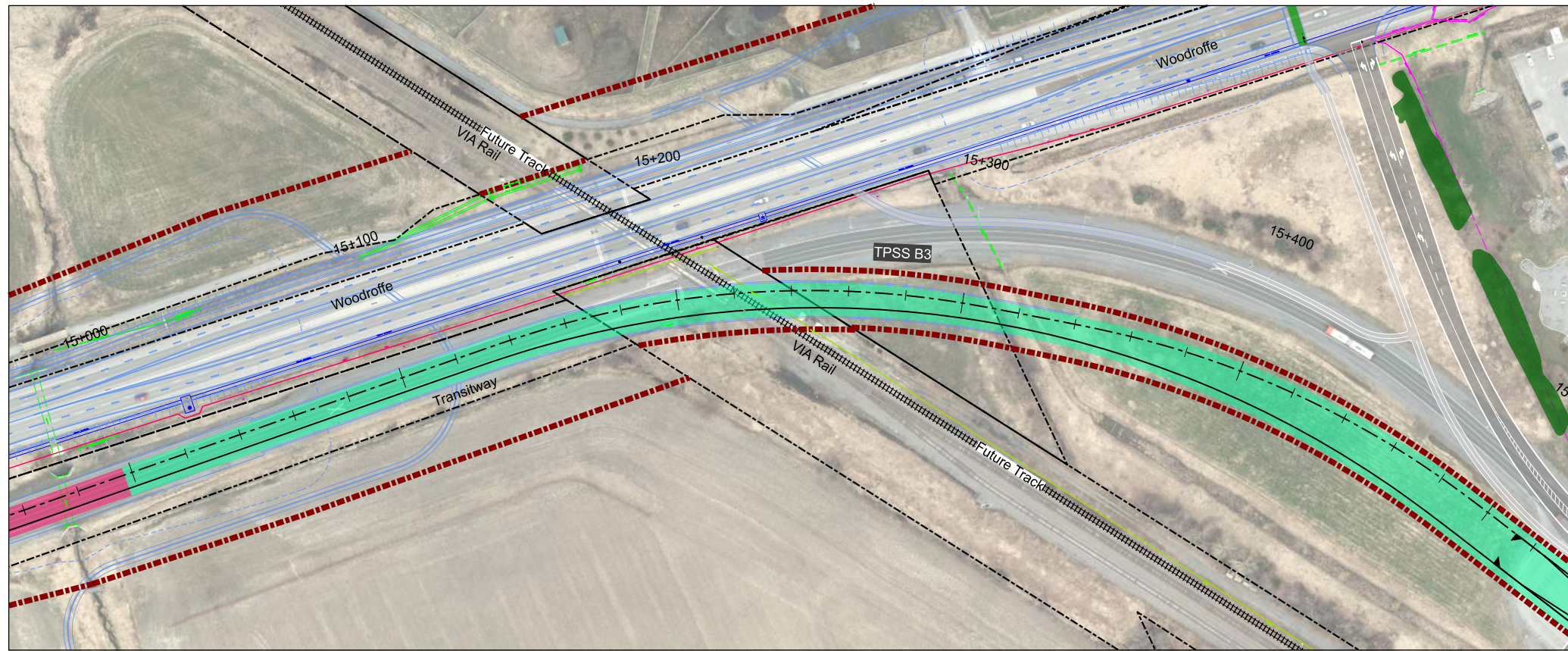
## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station



**Plan and Profile**

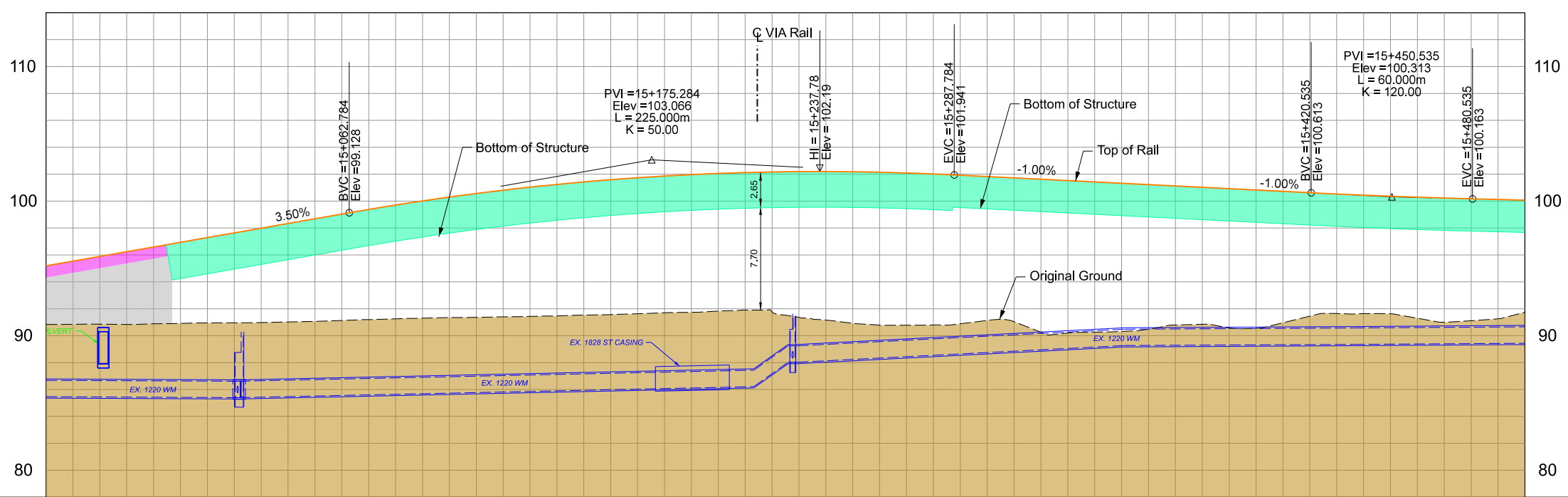
Sta. 14+400  
to Sta. 14+950

Revision:	
Sheet:	<b>9</b>



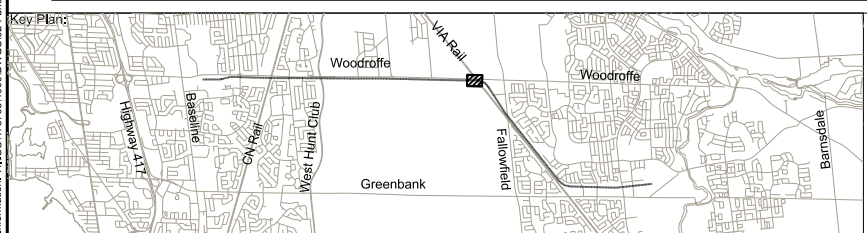
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - Open Trench Structure
  - Top of Rail
  - Original Ground
  - Platform
  - Existing property Line
  - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

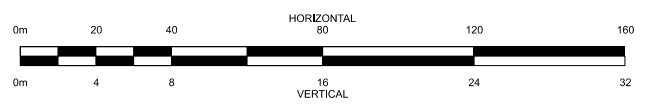


Original Ground	95.53	90.84	96.23	90.83	96.93	90.91	97.63	90.95	98.33	91.01	99.03	91.12	99.70	91.25	100.29	91.35	100.80	91.40	101.23	91.46	101.59	91.56	101.86	91.70	102.05	91.63	102.16	91.78	102.19	91.15	102.14	90.78	102.01	90.79	101.82	91.12	101.62	90.25	101.42	90.26	101.22	90.48	101.02	90.84	100.82	90.55	100.62	91.45	100.43	91.64	100.28	91.29	100.17	91.11	98.30	91.63				
Top of Rail	95.53	90.84	96.23	90.83	96.93	90.91	97.63	90.95	98.33	91.01	99.03	91.12	99.70	91.25	100.29	91.35	100.80	91.40	101.23	91.46	101.59	91.56	101.86	91.70	102.05	91.63	102.16	91.78	102.19	91.15	102.14	90.78	102.01	90.79	101.82	91.12	101.62	90.25	101.42	90.26	101.22	90.48	101.02	90.84	100.82	90.55	100.62	91.45	100.43	91.64	100.28	91.29	100.17	91.11	98.30	91.63				
Station	15+000										15+100										15+200										15+300										15+400										15+500									

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 SD/YES ST/MES



## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station

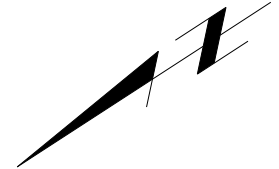
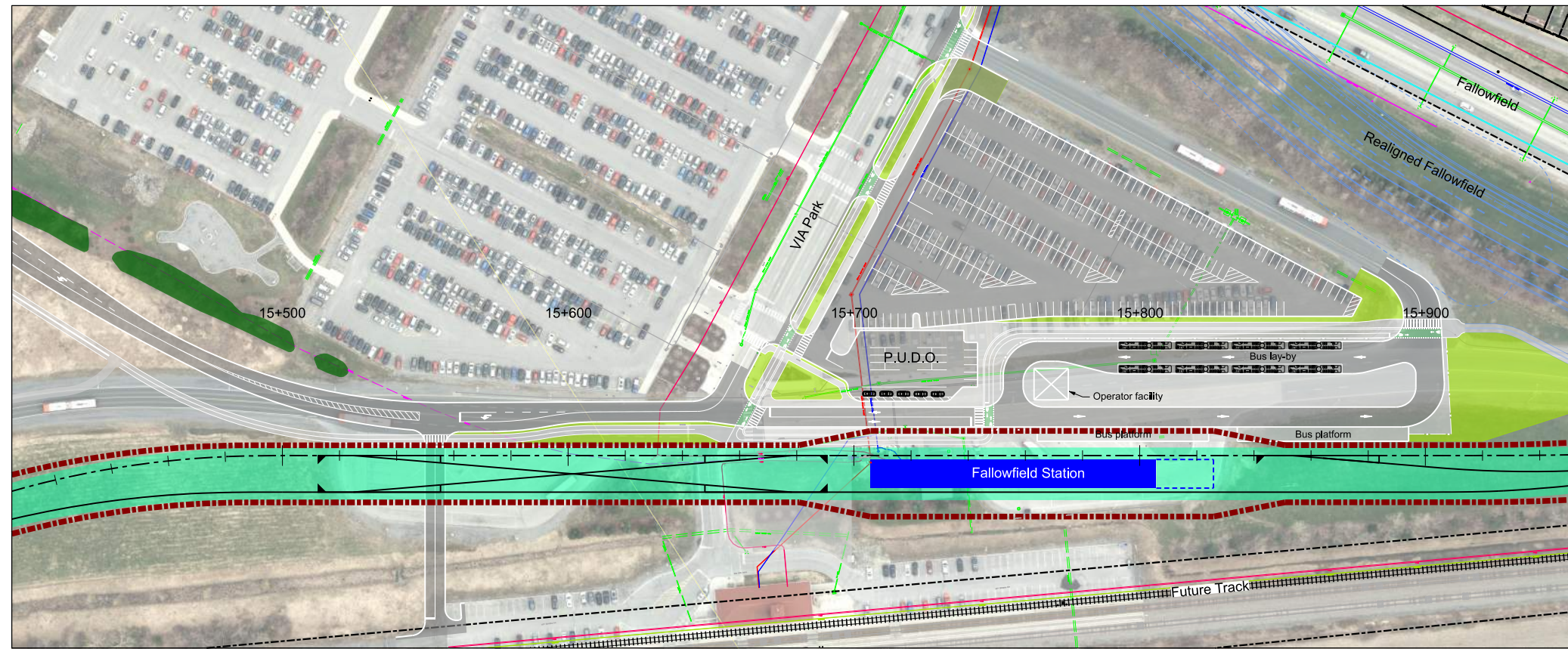


April 18, 2023

### Plan and Profile

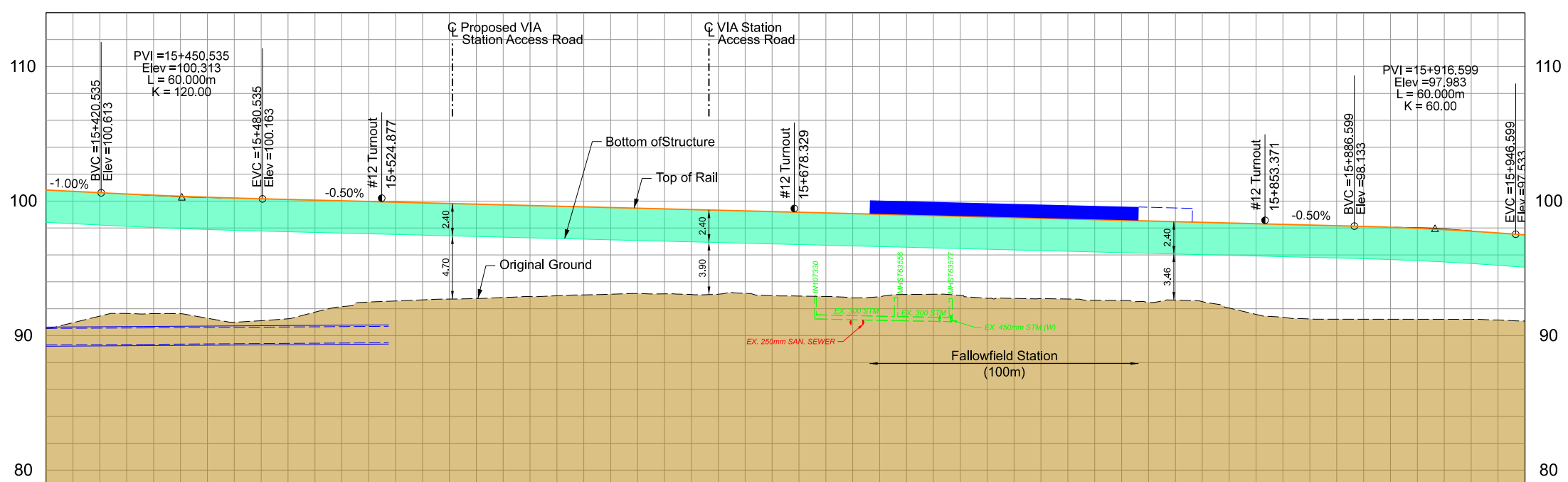
Sta. 14+950  
to Sta. 15+500

Revision:	
Sheet:	<b>10</b>



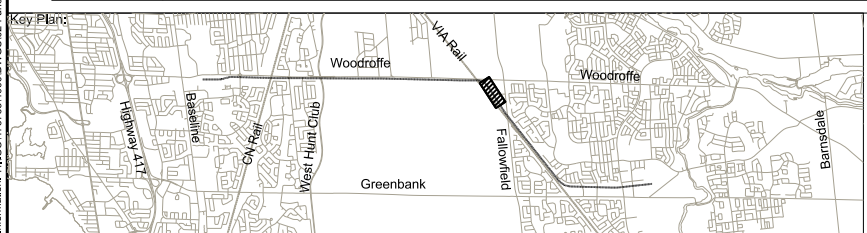
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - - - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

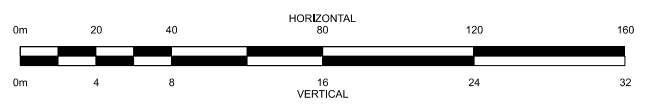


Original Ground	90.67	91.45	91.64	91.29	91.11	91.74	92.49	92.66	92.75	92.97	93.03	93.13	93.05	93.14	92.84	92.87	96.17	93.44	92.76	92.72	92.61	92.64	92.05	91.36	91.22	91.22	91.22	91.16	Original Ground
Top of Rail	99.30	100.62	100.43	100.28	100.17	100.07	99.97	99.87	99.77	99.67	99.57	99.47	99.37	99.27	99.17	99.07	98.97	98.87	98.77	98.67	98.57	98.47	98.37	98.27	98.17	98.05	97.87	97.63	Top of Rail
Station	15+400				15+500						15+600				15+700						15+800				15+900			Station	

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 Plot Date: 2023-10-12 3:02:18 PM



## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Sation

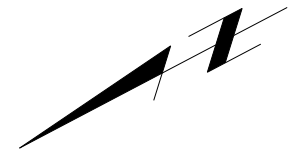
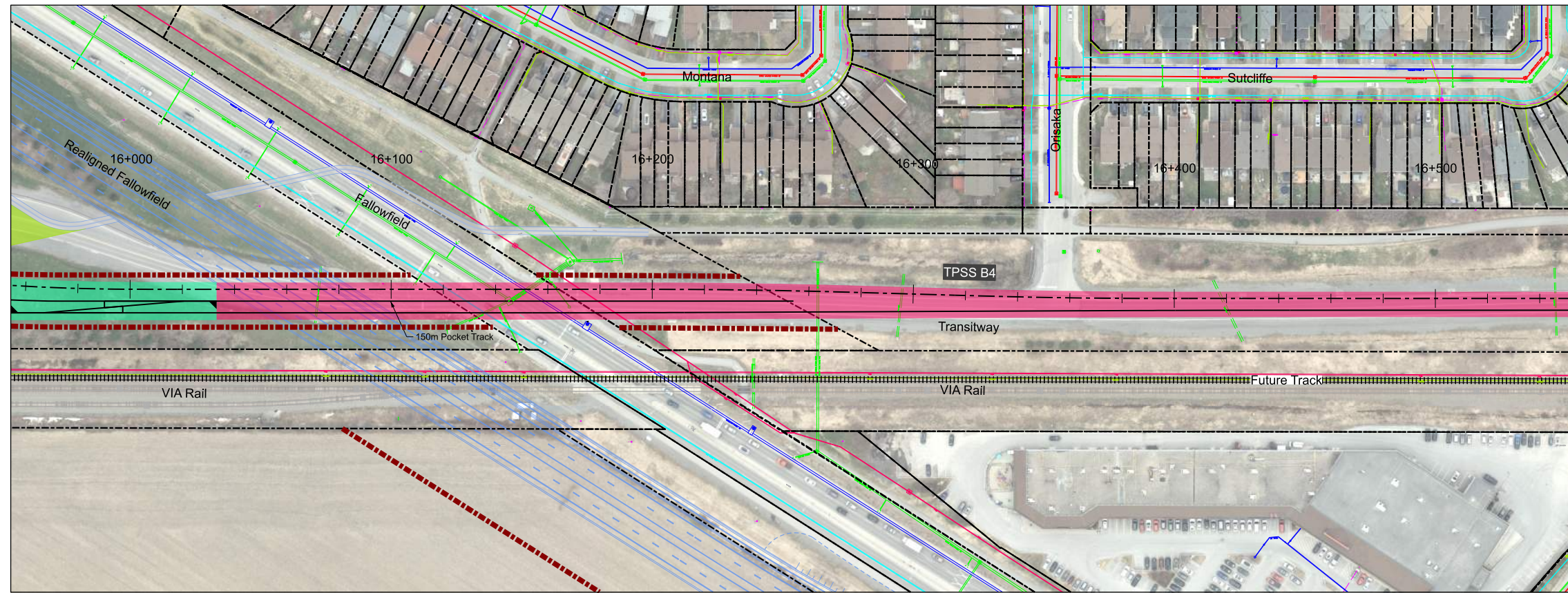


April 18, 2023

### Plan and Profile

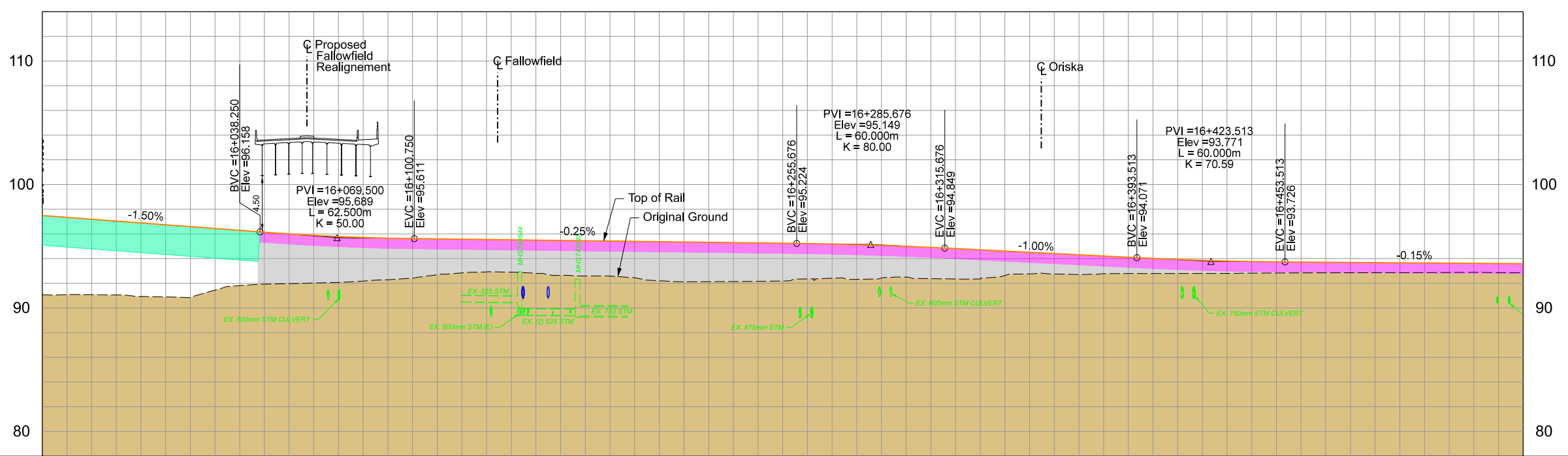
Fallowfield Station  
Sta. 15+400  
to Sta. 15+950

Revision:	
Sheet:	<b>11</b>



Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - - - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

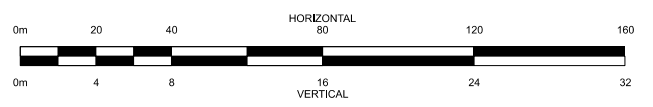


Original Ground	97.33	97.03	96.73	96.43	96.13	95.88	95.71	95.42	95.56	95.51	95.46	95.41	95.36	95.31	95.26	95.21	95.13	94.99	94.81	94.61	94.41	94.21	94.01	93.86	93.76	93.72	93.69	93.66	93.63	93.60	Original Ground		
Top of Rail	97.33	97.03	96.73	96.43	96.13	95.88	95.71	95.42	95.56	95.51	95.46	95.41	95.36	95.31	95.26	95.21	95.13	94.99	94.81	94.61	94.41	94.21	94.01	93.86	93.76	93.72	93.69	93.66	93.63	93.60	Top of Rail		
Station			16+000					16+100						16+200					16+300						16+400					16+500			Station

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 Plot Date: 11/22/22 10:15:41 AM  
 SD/YES ST/YES



## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station

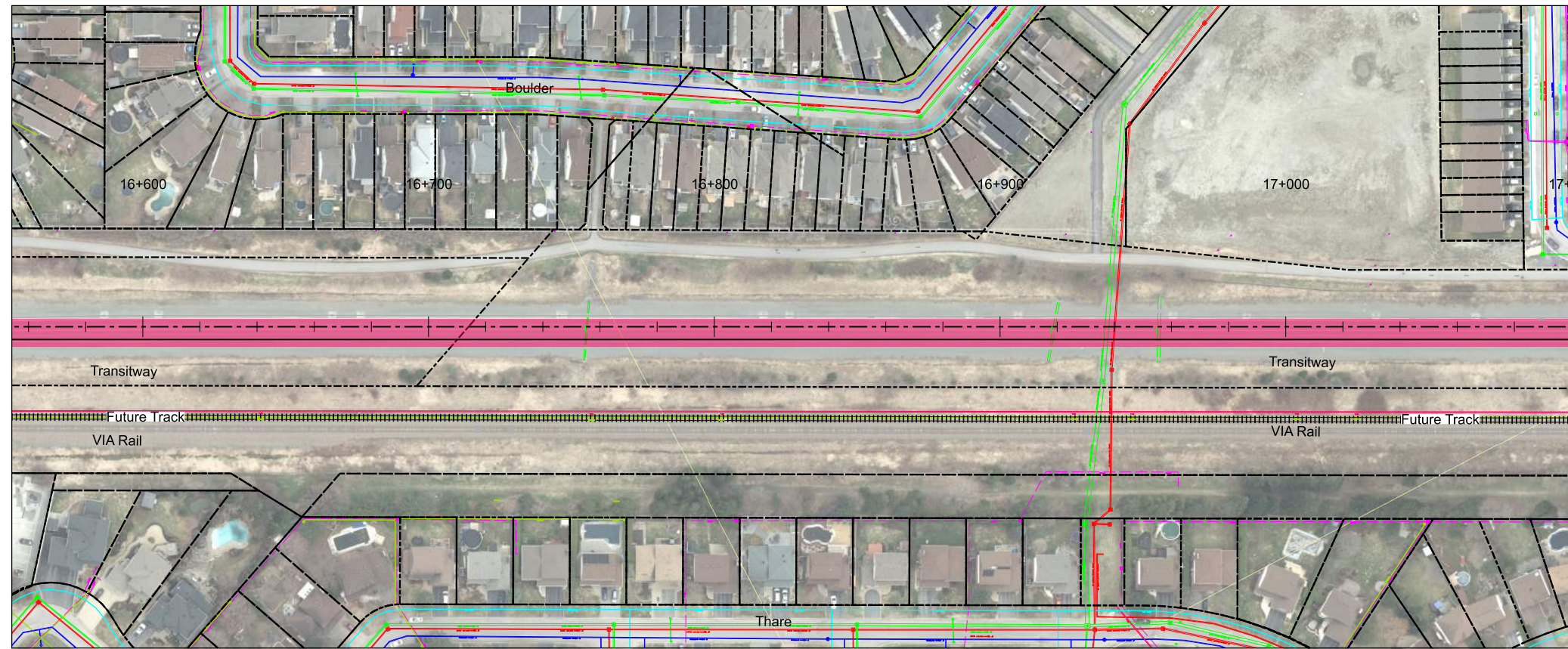


April 18, 2023

### Plan and Profile

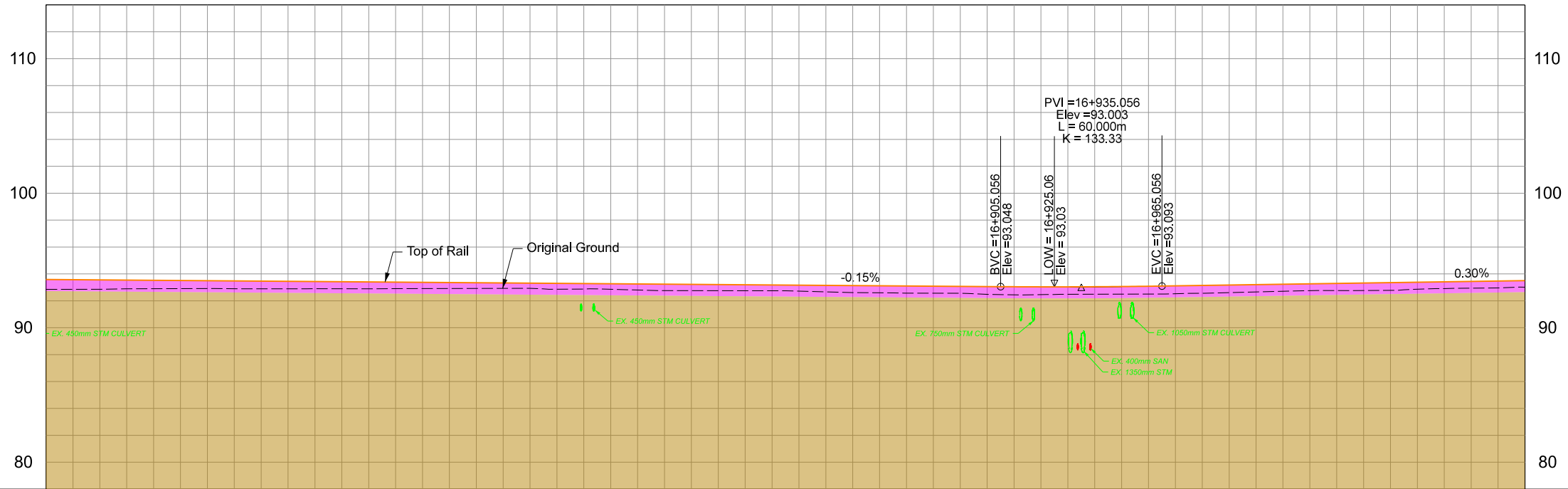
Sta. 15+950  
to Sta. 16+550

Revision:	
Sheet:	<b>12</b>



Note:  
Pathways are conceptual  
and are subject to change.

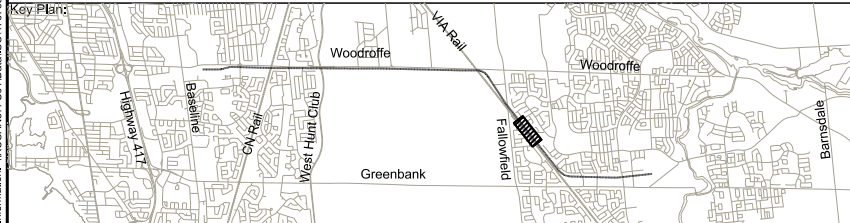
- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal



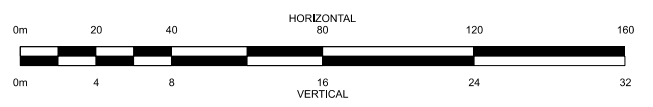
Original Ground	93.57	92.85	92.89	92.90	92.90	93.45	92.89	92.89	92.90	92.92	92.92	92.92	92.86	92.85	92.76	92.76	92.74	92.66	92.69	92.66	92.48	92.46	92.49	92.51	92.56	92.66	92.75	92.76	92.66	92.63	92.01	Original Ground	
Top of Rail	93.57	93.54	93.51	93.48	93.45	93.42	93.39	93.36	93.33	93.30	93.27	93.24	93.21	93.18	93.15	93.12	93.09	93.06	93.03	93.04	93.08	93.14	93.20	93.26	93.32	93.38	93.44	93.26	93.26	Top of Rail			
Station		16+600						16+700							16+800							16+900						17+000				17+100	Station

April 18, 2023

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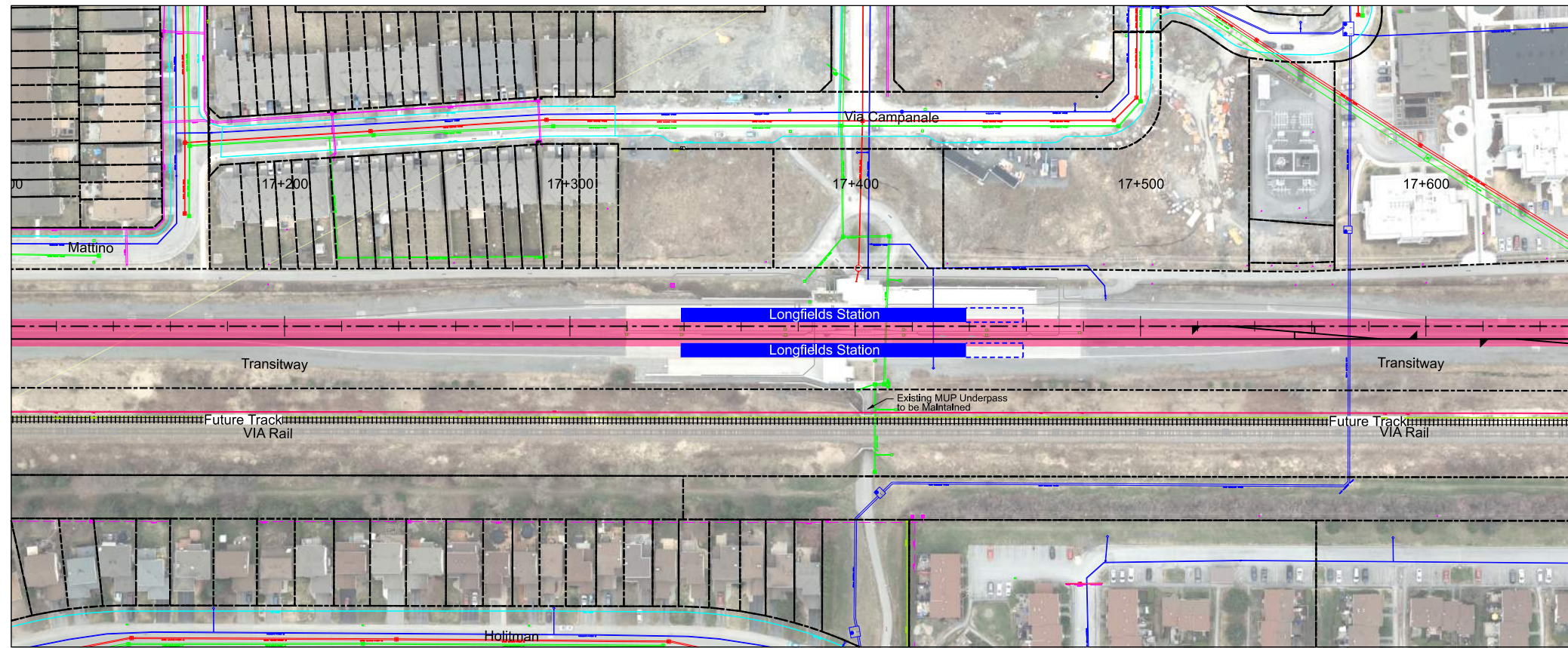
## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station



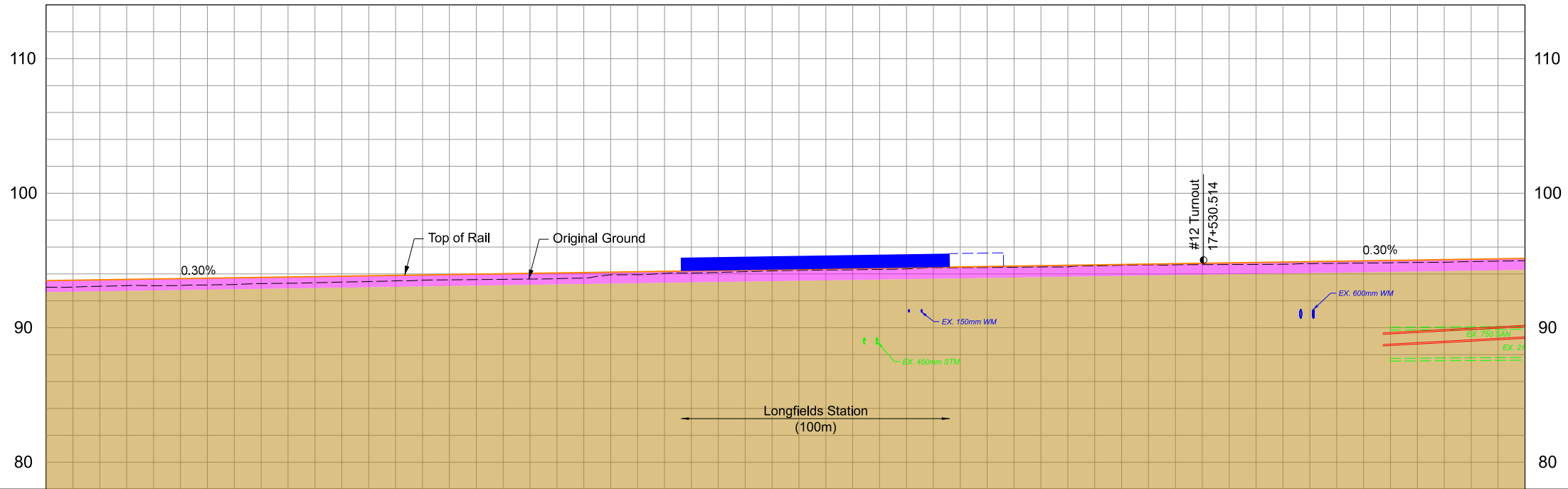
### Plan and Profile

Sta. 16+550  
to Sta. 17+100

Revision:	
Sheet:	<b>13</b>



- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - - - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal



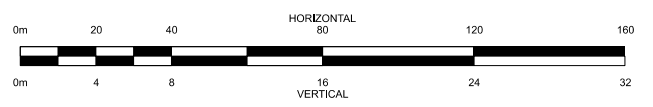
Original Ground	93.07	93.07	93.12	93.17	93.28	93.35	93.43	93.53	93.57	94.04	93.61	93.69	93.94	94.06	94.16	94.26	94.34	94.40	94.37	94.46	94.50	94.52	94.63	94.67	94.69	94.72	94.77	94.82	94.88	94.94	94.95	95.06	95.12	94.95	Original Ground	
Top of Rail	93.26	93.56	93.62	93.68	93.74	93.80	93.86	93.92	93.98	94.04	94.04	94.10	94.16	94.22	94.28	94.34	94.40	94.46	94.52	94.58	94.64	94.70	94.76	94.82	94.88	94.94	95.00	95.06	95.12	95.12	95.12	95.12	95.12	95.12	Top of Rail	
Station	17+100					17+200						17+300																								Station

Consultant's Information: WCCANFTS01\Drawings\47854000\DWG\SIG-Functional Design\Sheets\14-478765-4000-BL-RT-rs-pg-014.Dgn  
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 Plot Date: 8/24/2020 4:56:03 PM



## Confederation Line Barrhaven LRT Extension

### Baseline Station to Barrhaven Town Centre Station



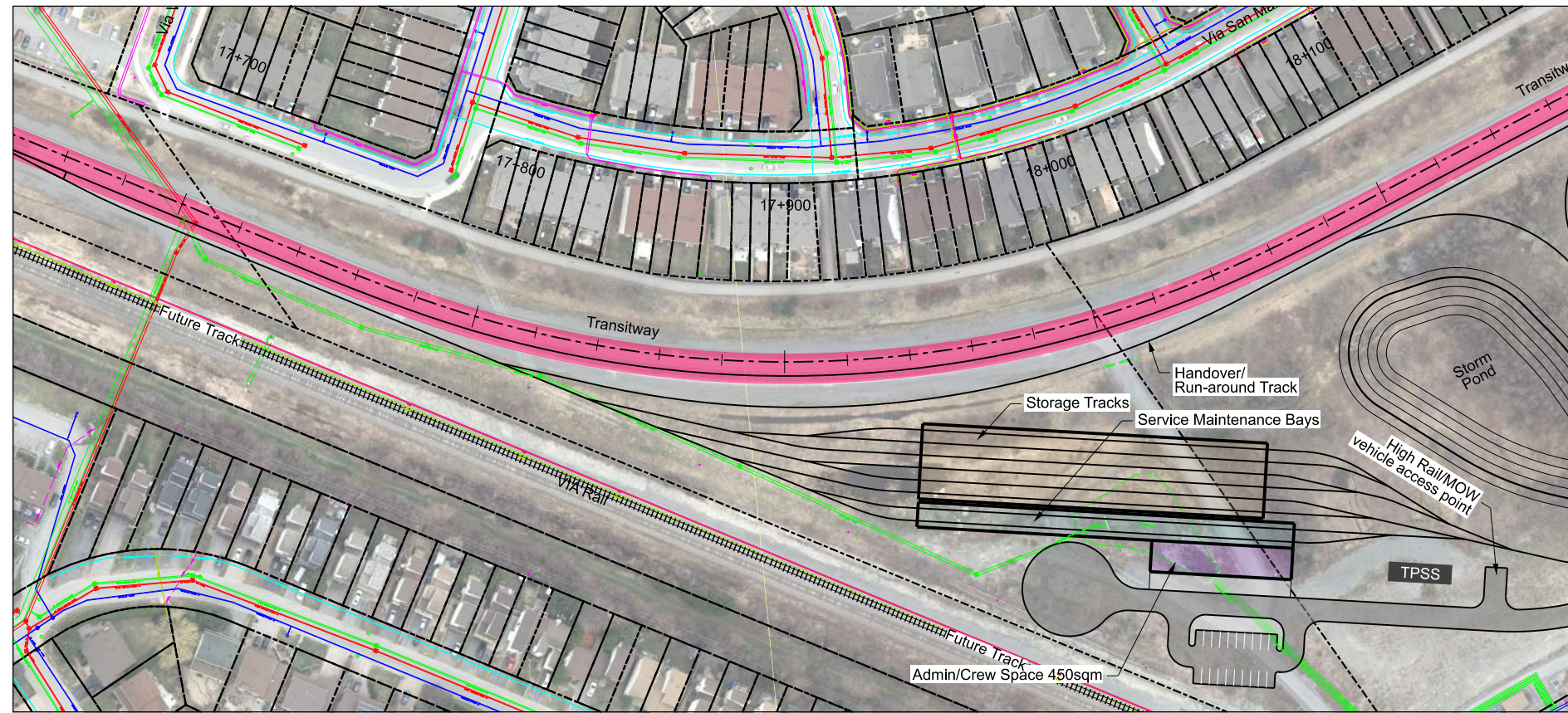
April 18, 2023

### Plan and Profile

Longfields Station  
Sta. 17+100  
to Sta. 17+650

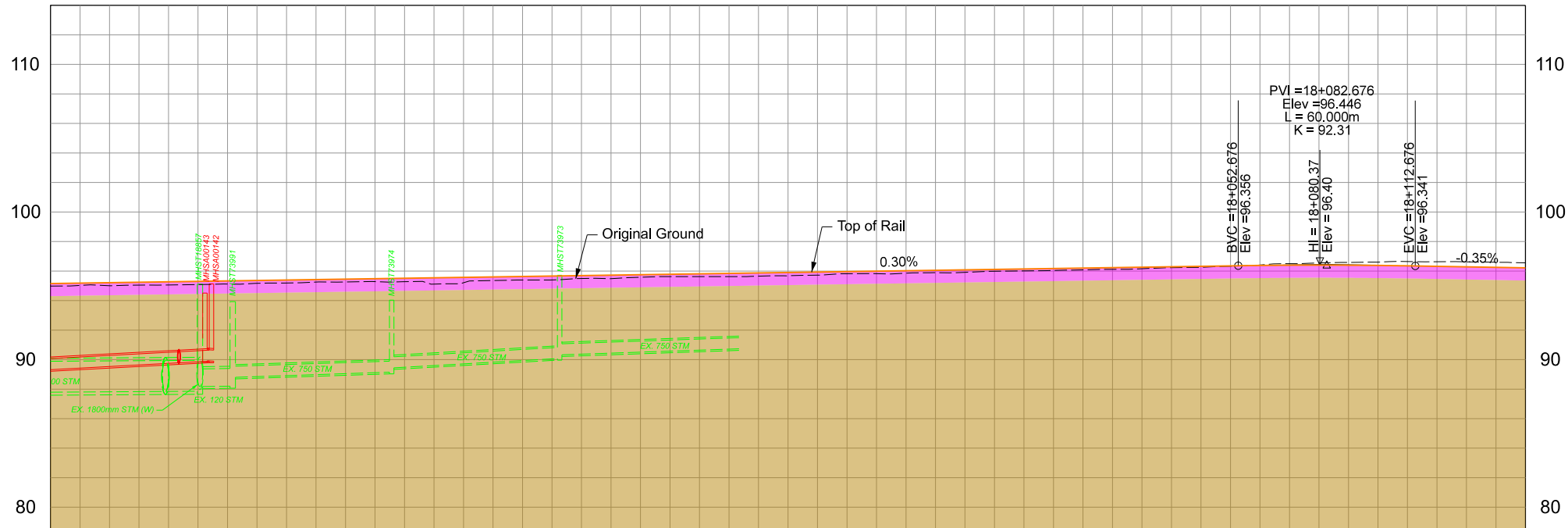
Revision:	
Sheet:	<b>14</b>

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 Plot Date: 8/24/2020 4:46:09 PM



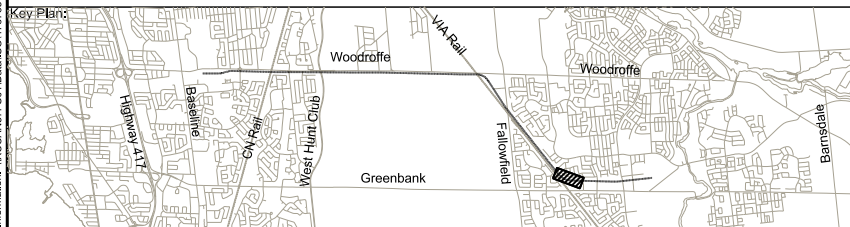
Note:  
Pathways are conceptual  
and are subject to change.

- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - - - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal

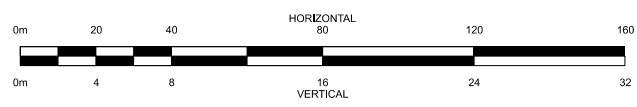


Original Ground	95.18	95.02	95.04	95.08	95.16	95.25	95.28	95.11	95.36	95.39	95.48	95.62	95.62	95.68	95.81	95.85	95.91	96.02	96.07	96.16	96.25	96.41	96.55	96.62	96.63	96.59	Original Ground
Top of Rail	95.18	95.24	95.30	95.36	95.42	95.48	95.54	95.60	95.66	95.72	95.78	95.84	95.90	95.96	96.02	96.08	96.14	96.20	96.26	96.32	96.38	96.44	96.50	96.56	96.62	96.68	Top of Rail
Station			17+700					17+800						17+900				18+000							18+100		Station

April 18, 2023



## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station

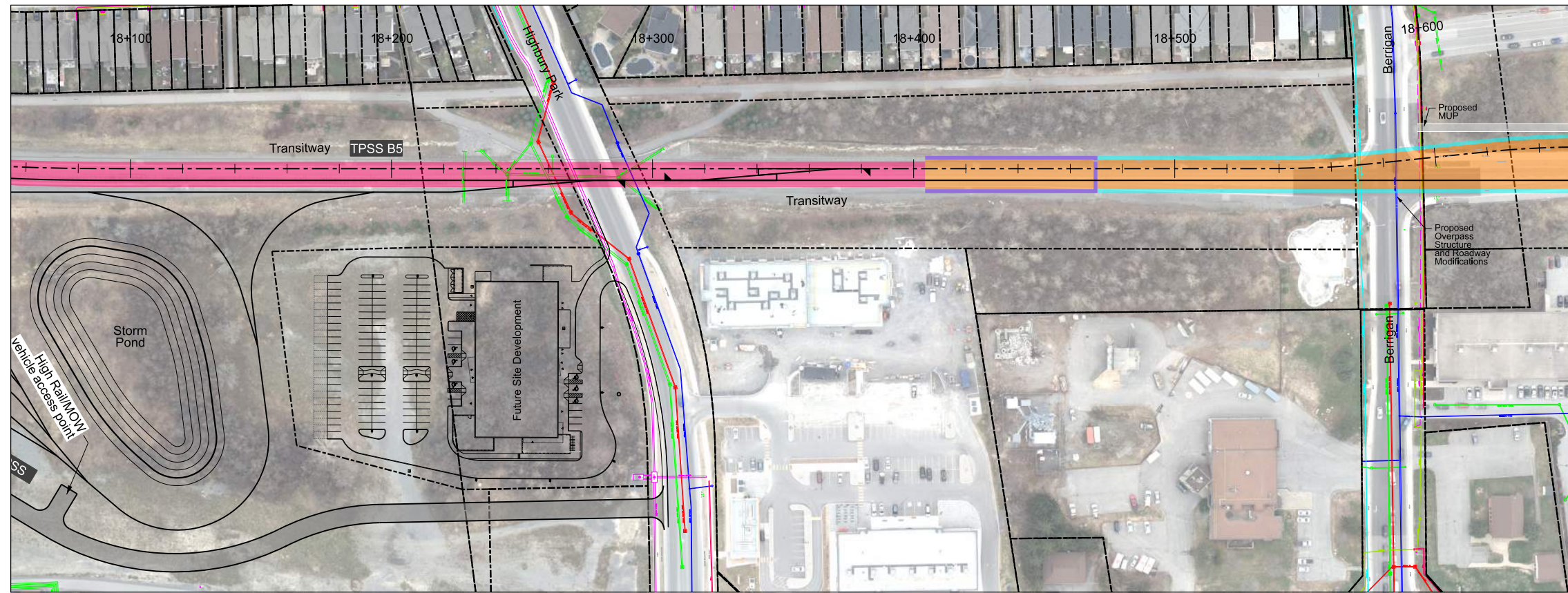


**Plan and Profile**

Sta. 17+650  
to Sta. 18+150

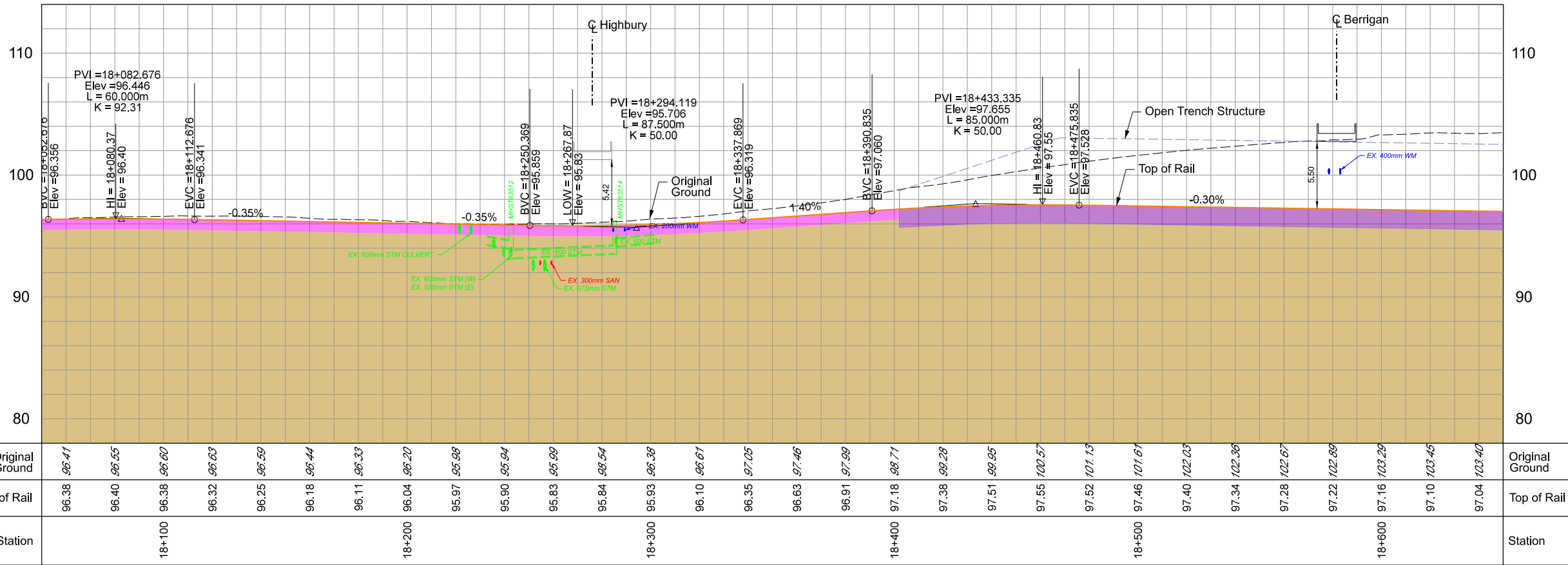
Revision:	
Sheet:	<b>15</b>



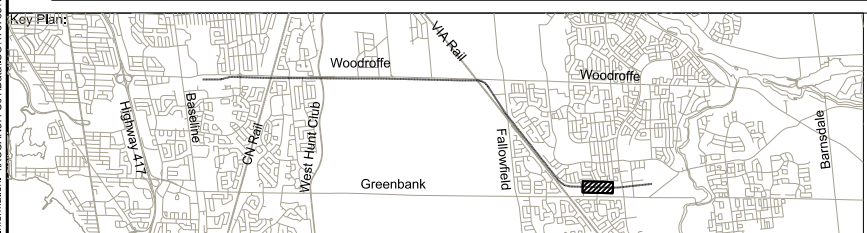


Note:  
Pathways are conceptual  
and are subject to change.

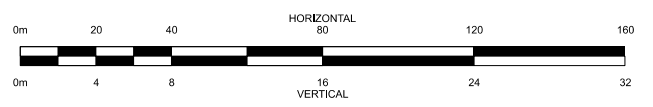
- Legend:**
- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
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  - Sanitary Sewer
  - Storm Sewer
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  - Open Trench Structure
  - Top of Rail
  - Original Ground
  - Platform
  - Existing property Line
  - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal



Consultant's Information: WCCANFTS01\Drawings\47854000\DWG\SIG-FUNCTIONAL Design\Sheets\16-478765-4000-BL-RT-rs-p-016.Dgn  
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 SD/YES ST/YES



## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Sation



April 18, 2023

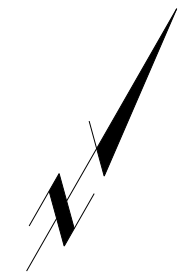
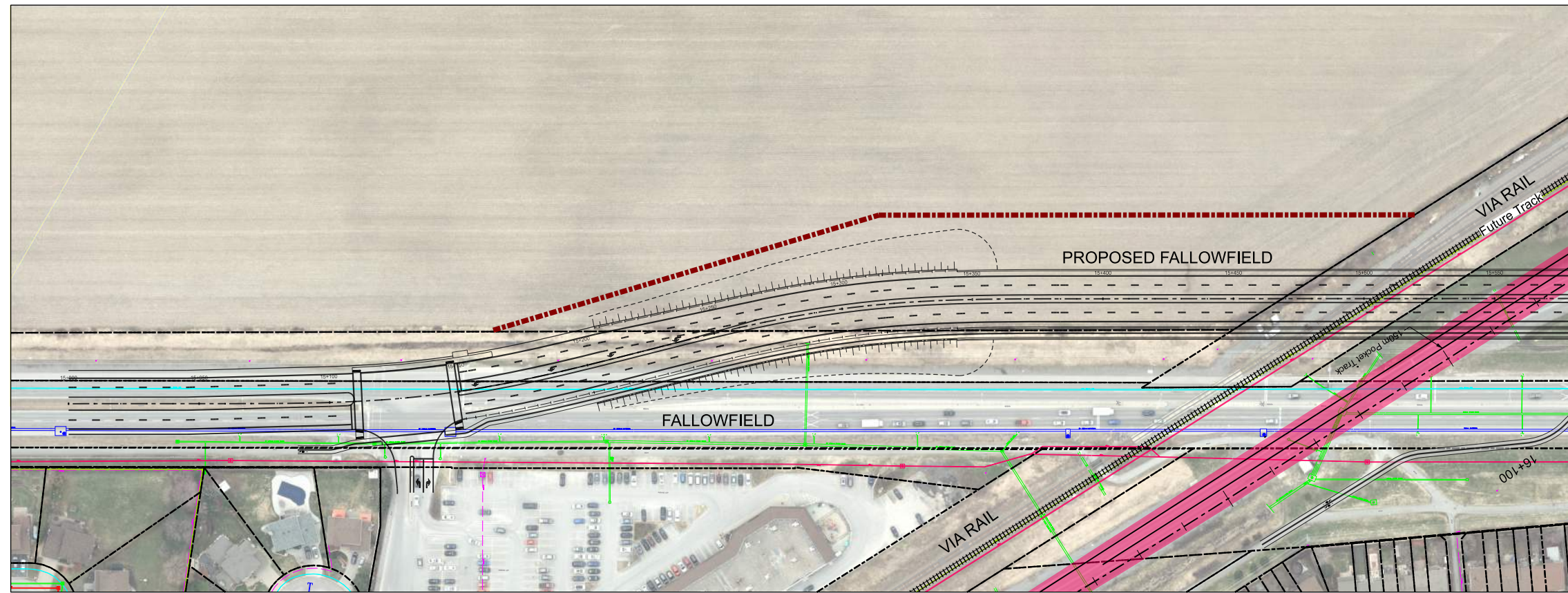
**Plan and Profile**

Strandherd Station  
Sta. 18+150  
to Sta. 18+650

Revision:	
Sheet:	<b>16</b>

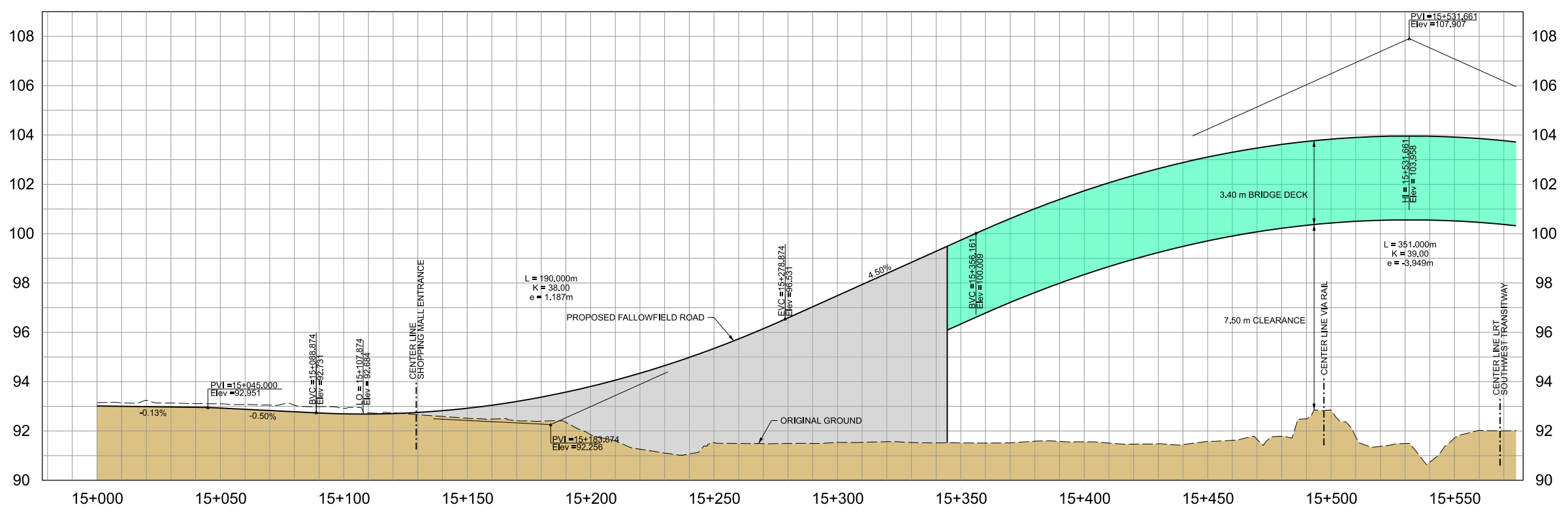




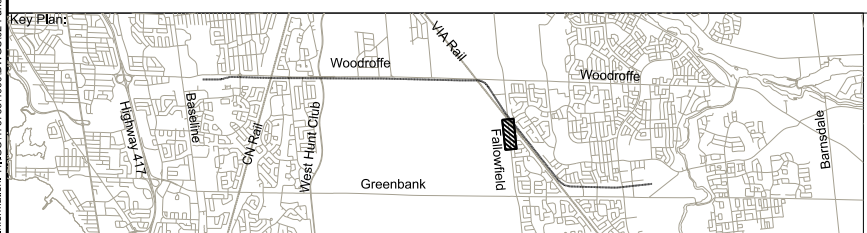


Note:  
Pathways are conceptual  
and are subject to change.

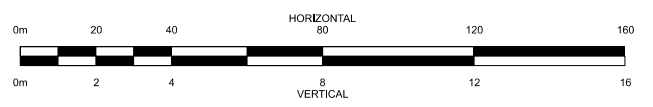
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- Shoring Allowance
  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal



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## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station

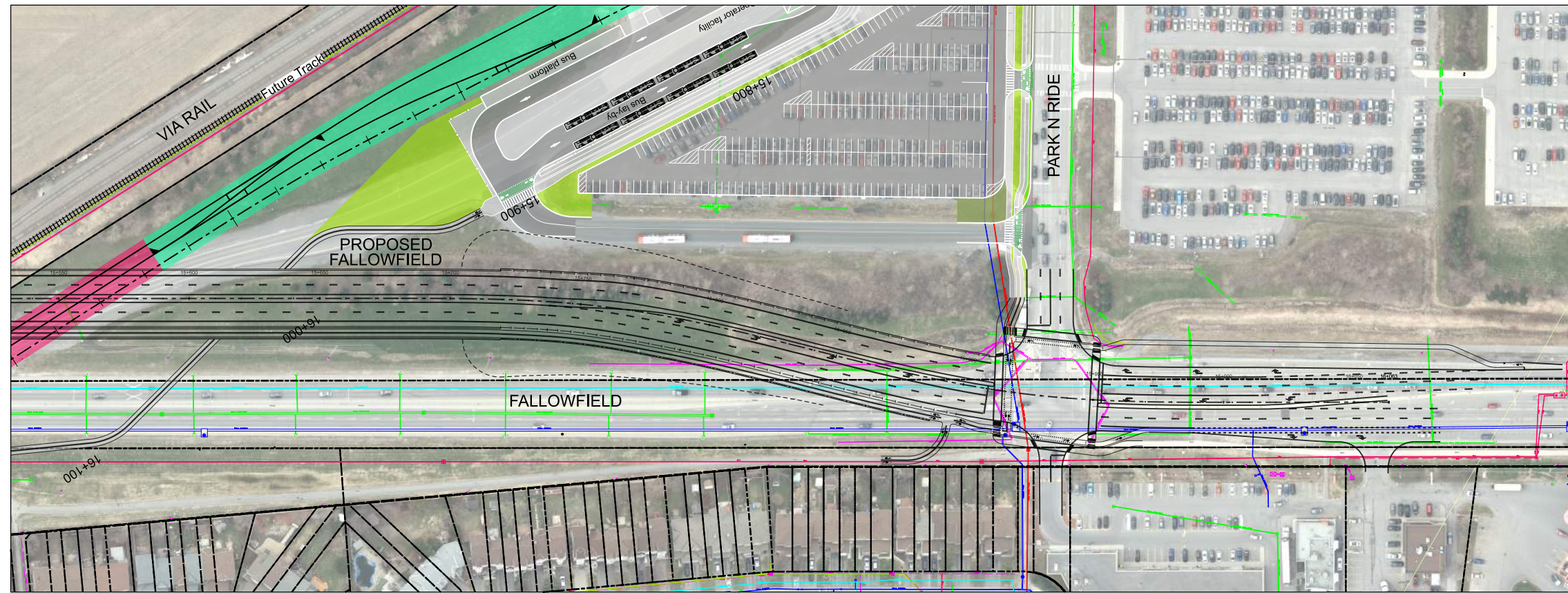


April 19, 2023

### Plan and Profile

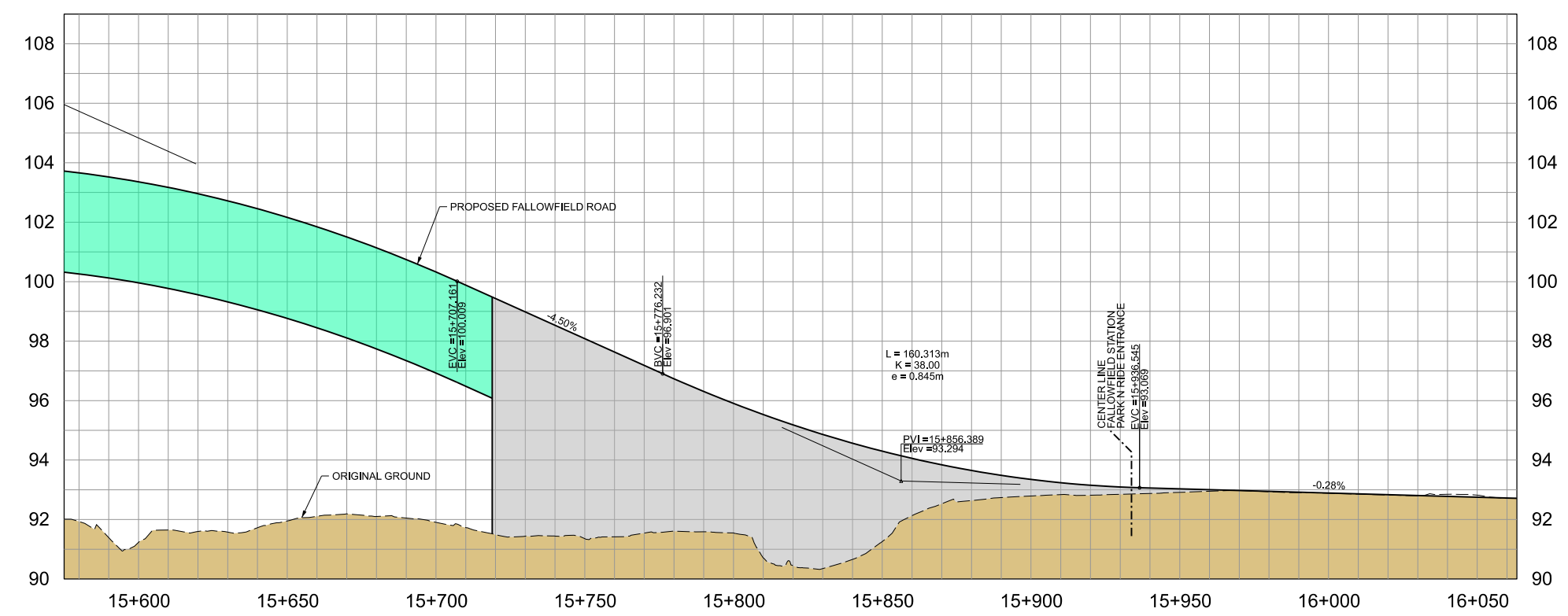
#### FALLOWFIELD ROAD RAIL GRADE SEPARATION

Revision:	
Sheet:	19

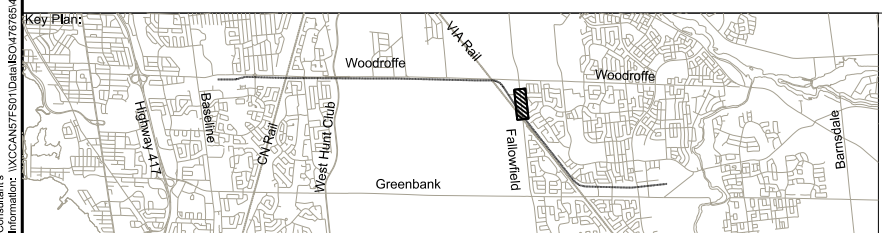


Note:  
Pathways are conceptual  
and are subject to change.

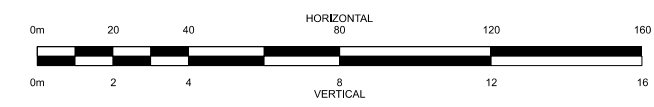
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  - Below-grade
  - At-grade
  - Elevated
  - Yard track
  - Hydro
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  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
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  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal



April 19, 2023



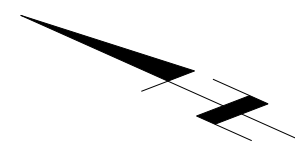
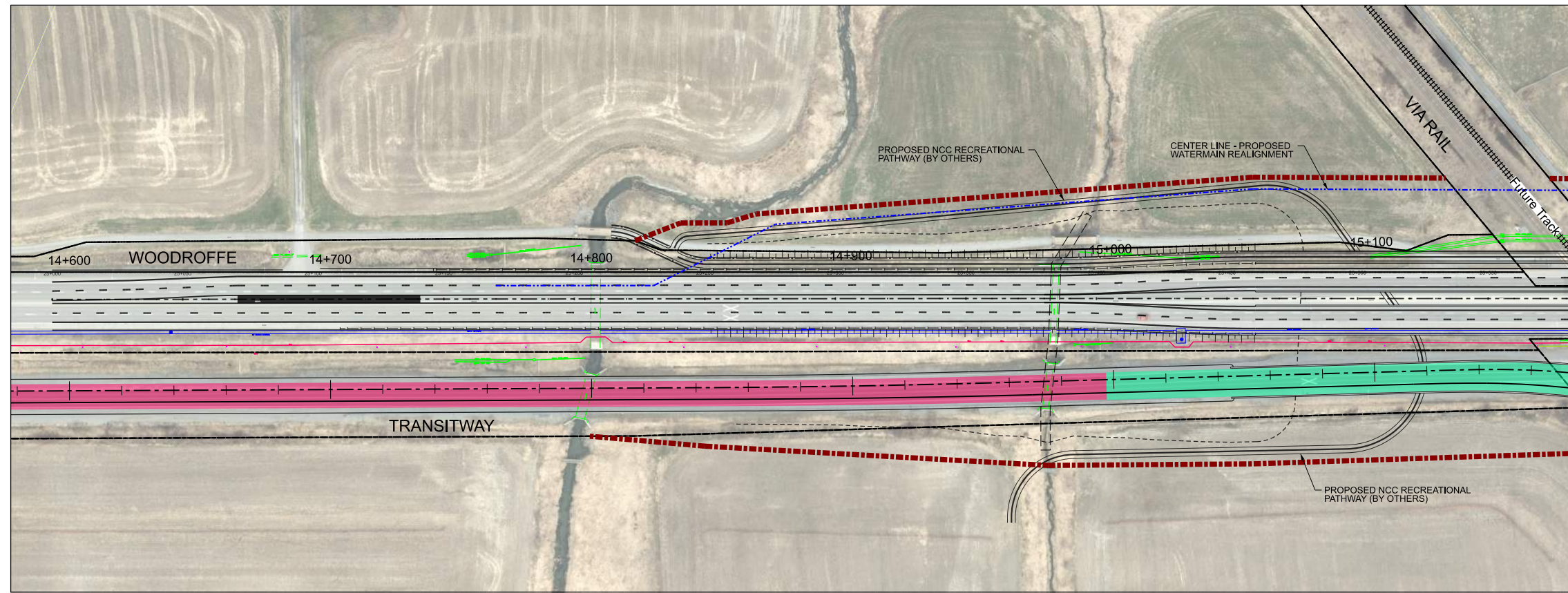
### Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station



**Plan and Profile**  
**FALLOWFIELD ROAD RAIL GRADE SEPARATION**

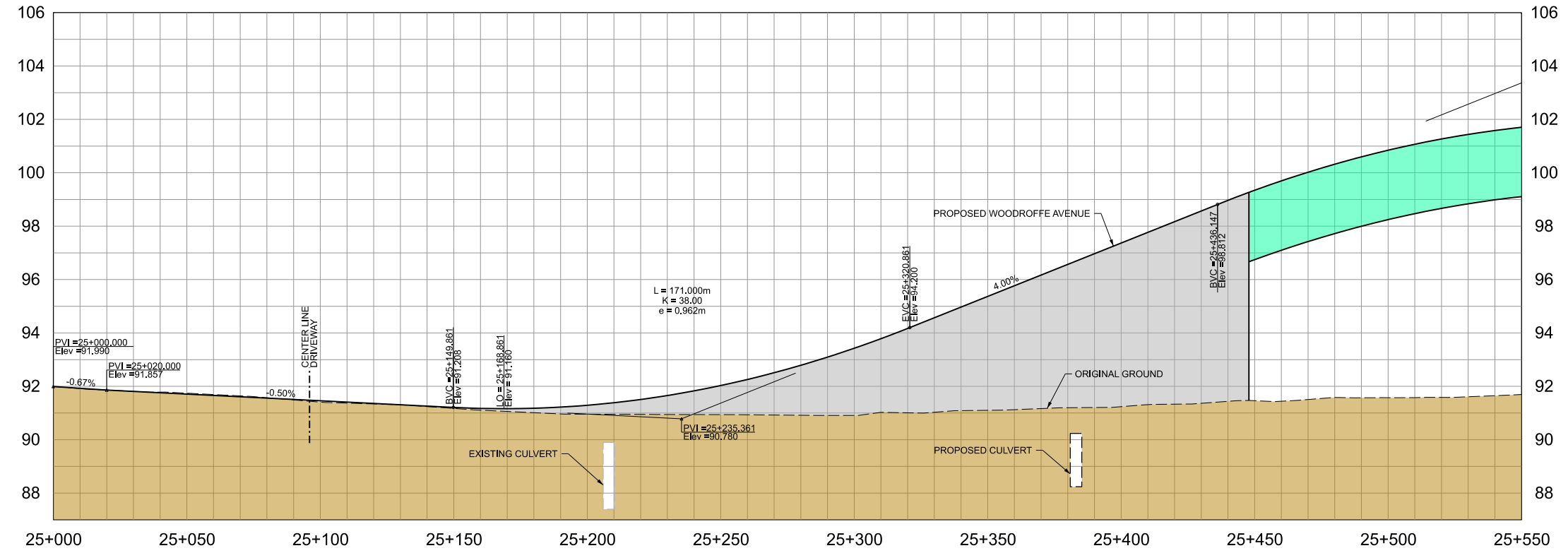
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Note:  
Pathways are conceptual  
and are subject to change.

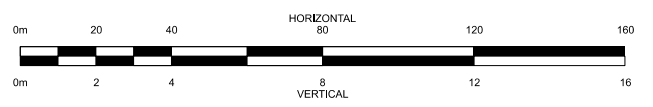
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  - Sanitary Sewer
  - Storm Sewer
  - Watermain
  - - - C Northbound Track/Alignment
  - C Southbound Track
  - Underground Structure
  - - - Open Trench Structure
  - Top of Rail
  - Original Ground
  - Platform
  - - - Existing property Line
  - - - Proposed property Line
  - Turnout
  - Ballasted Track
  - Existing Ground Material
  - Fill Material
  - Direct Fixation on Concrete Slab
  - Portal



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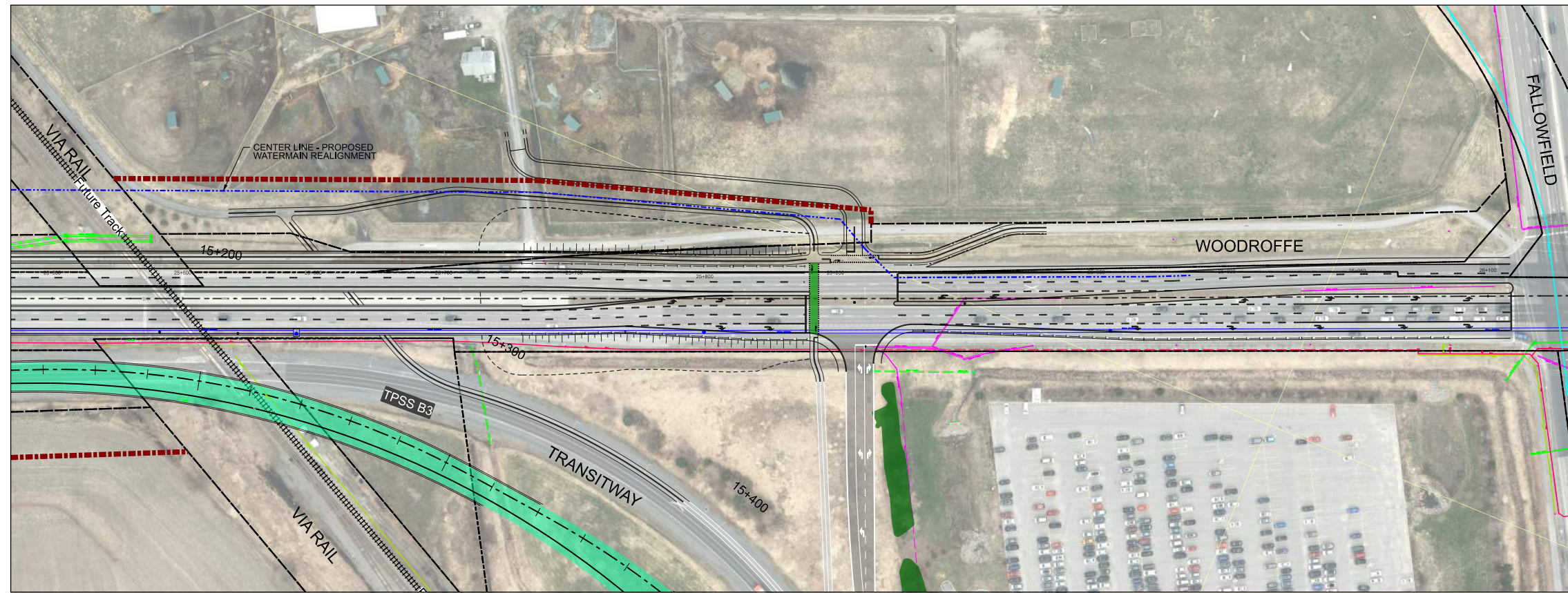
## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station



April 19, 2023

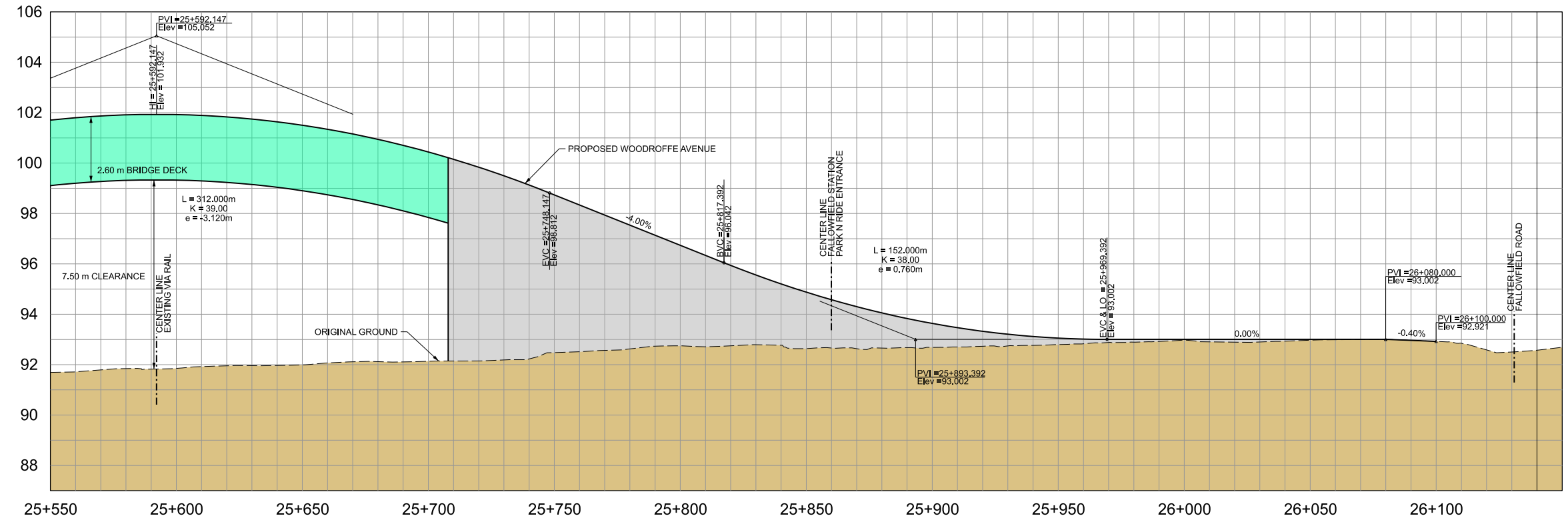
**Plan and Profile  
WOODROFFE AVENUE  
ROAD RAIL GRADE  
SEPARATION**

Revision:  
Sheet:  
**21**



Note:  
Pathways are conceptual  
and are subject to change.

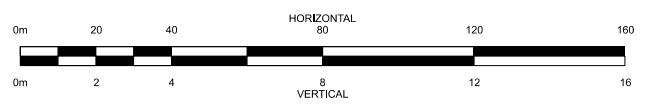
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  - - - Original Ground
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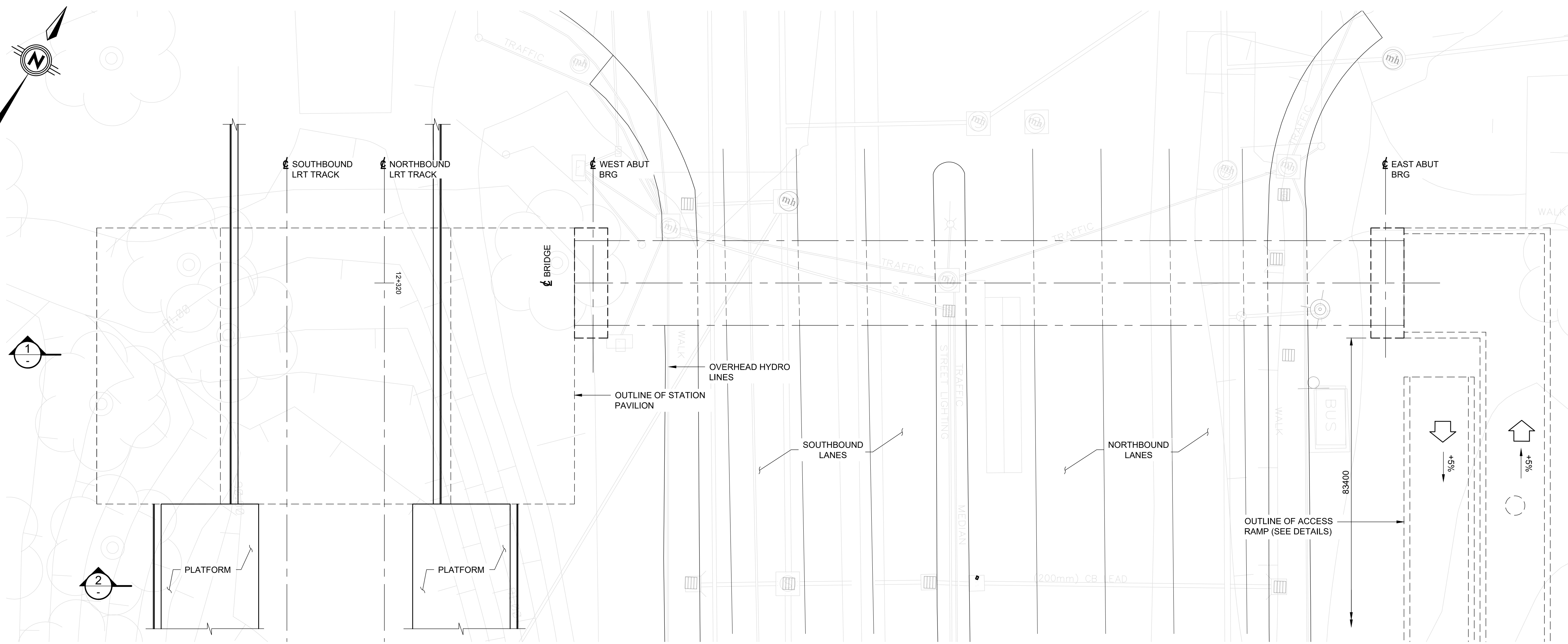
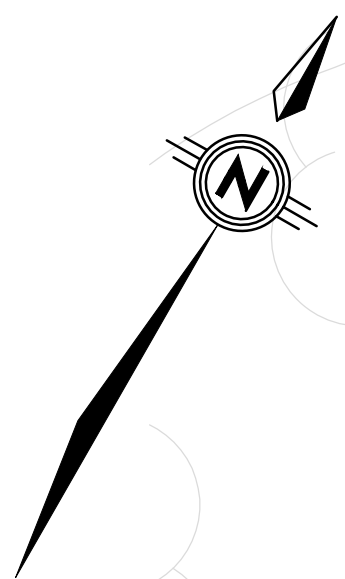
## Confederation Line Barrhaven LRT Extension Baseline Station to Barrhaven Town Centre Station



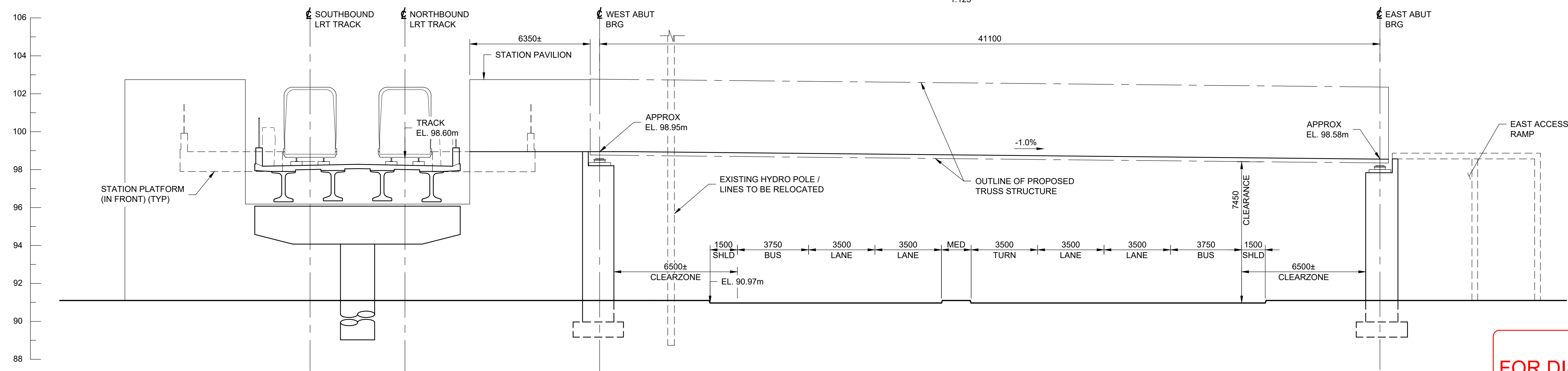
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**Plan and Profile**  
WOODROFFE AVENUE  
ROAD RAIL GRADE  
SEPARATION

Revision:  
Sheet: **22**



PLAN  
1:125



ELEVATION 1  
1:125

**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
 6-Jul-20

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 Plot Date: 6-Jul-20

**Barrhaven LRT Corridor**  
 Baseline Station to Barrhaven Town Centre Station



**BARRHAVEN LRT**  
 SPORTSPLEX  
 PED BRIDGE GA  
 SHEET 1

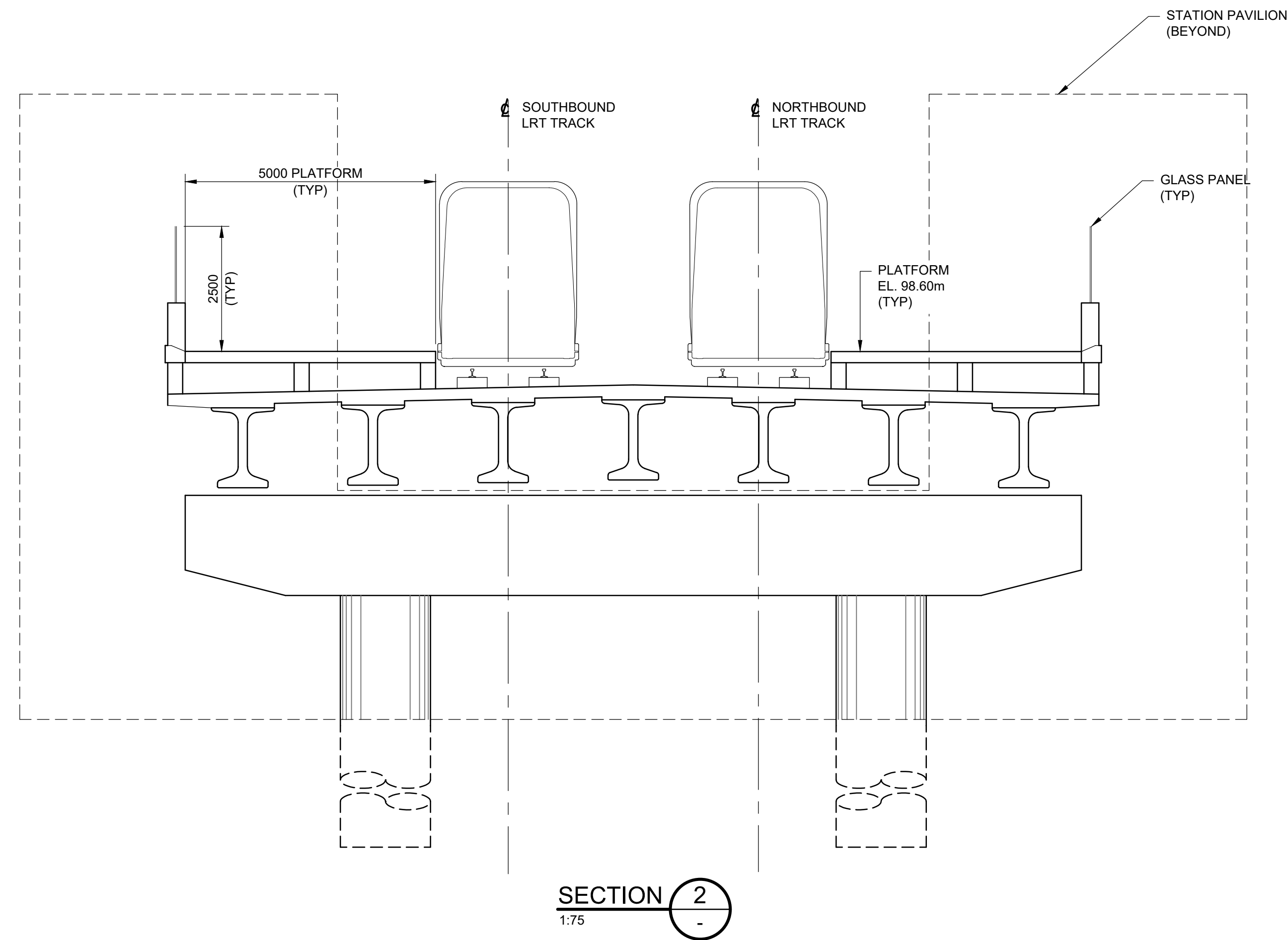
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**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
6-Jul-20

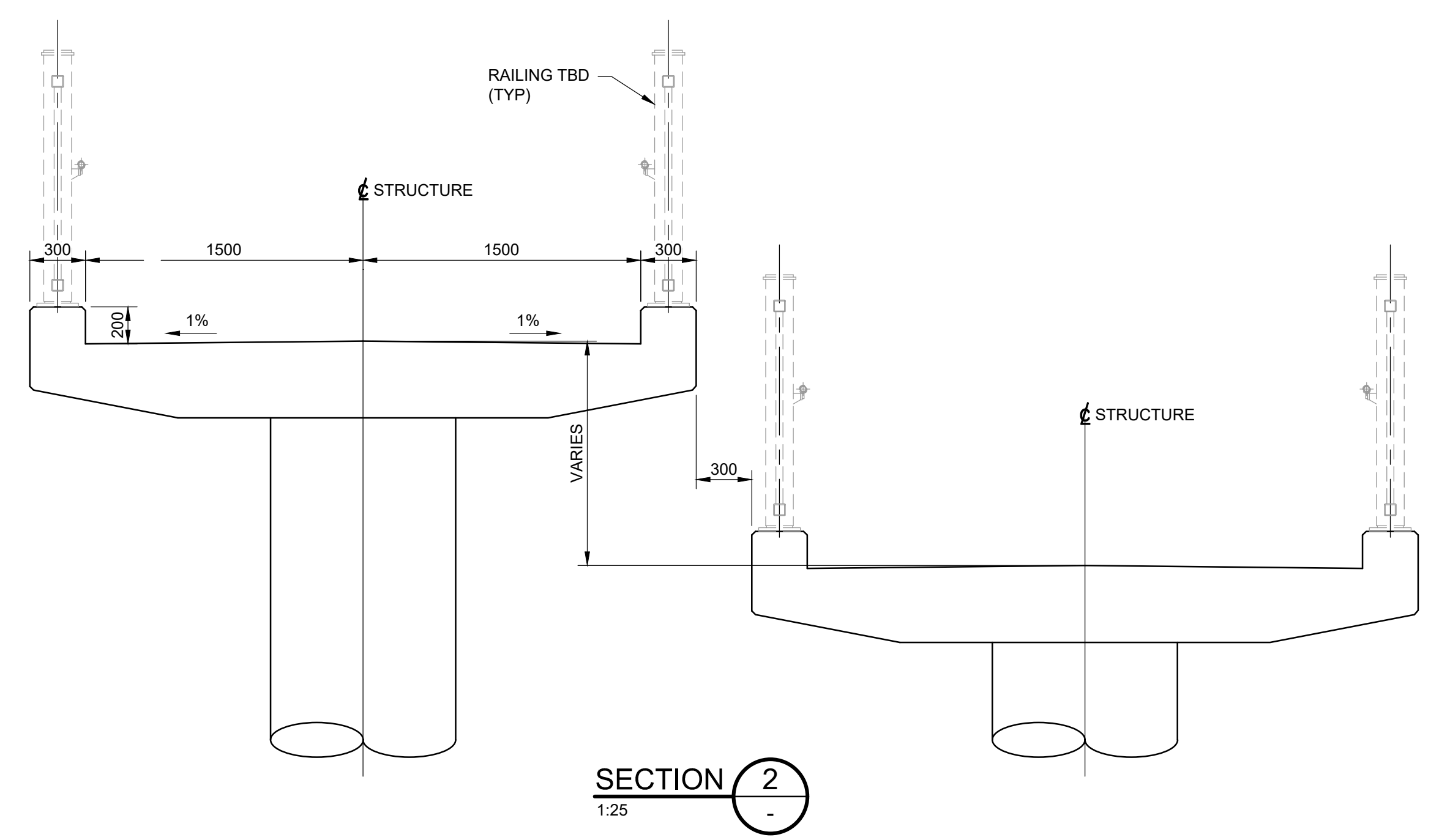
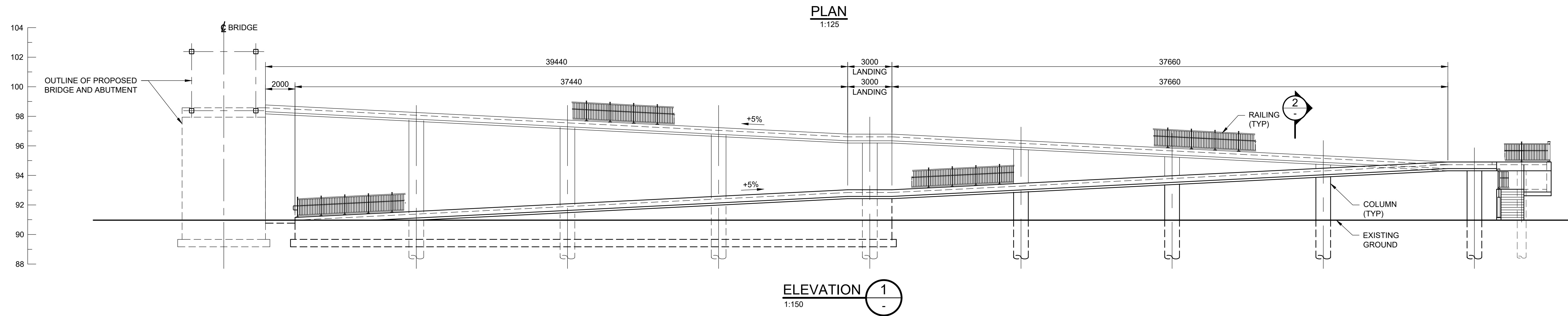
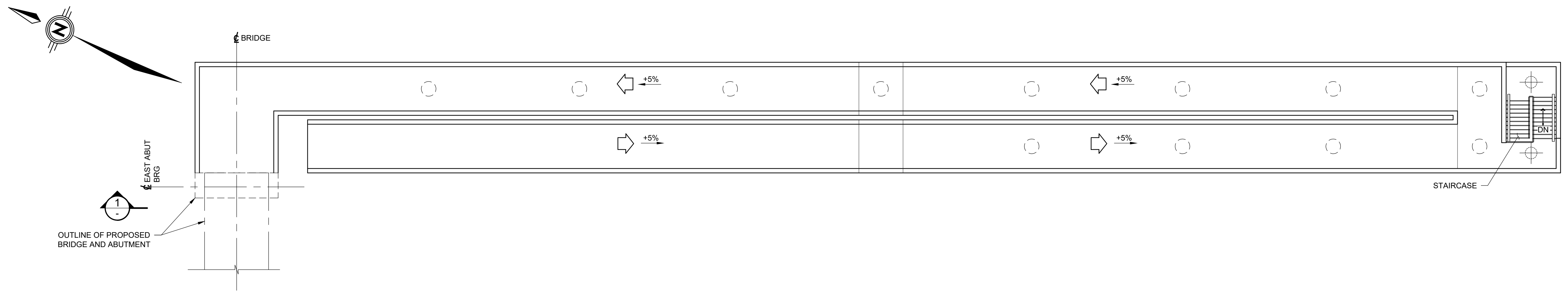
**Barrhaven LRT Corridor**  
Baseline Station to Barrhaven Town Centre Station



**BARRHAVEN LRT**  
SPORTSPLEX  
PED BRIDGE GA  
SHEET 2

Revision:  
Sheet: **S01-2**

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**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
6-Jul-20

### Barrhaven LRT Corridor Baseline Station to Barrhaven Town Centre Station



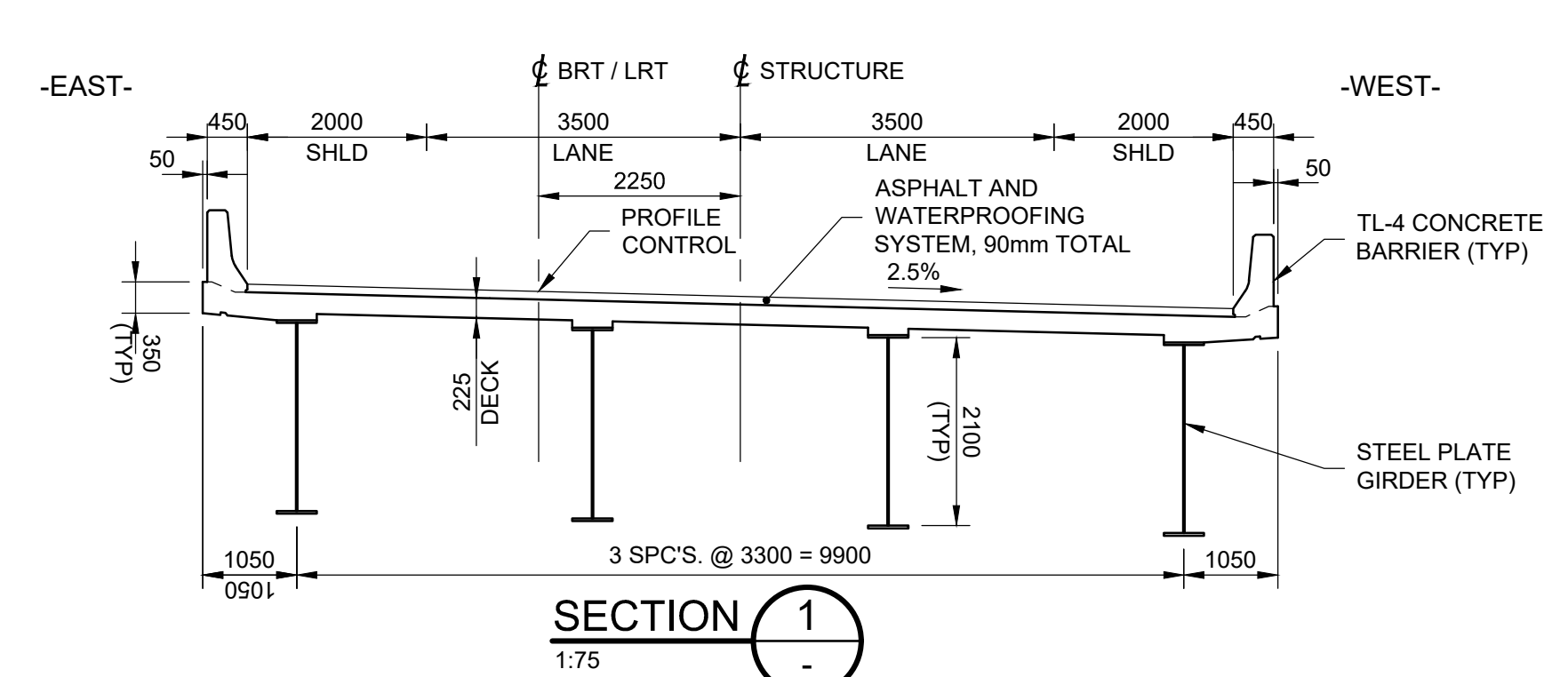
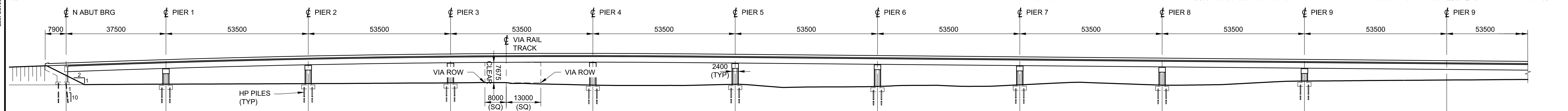
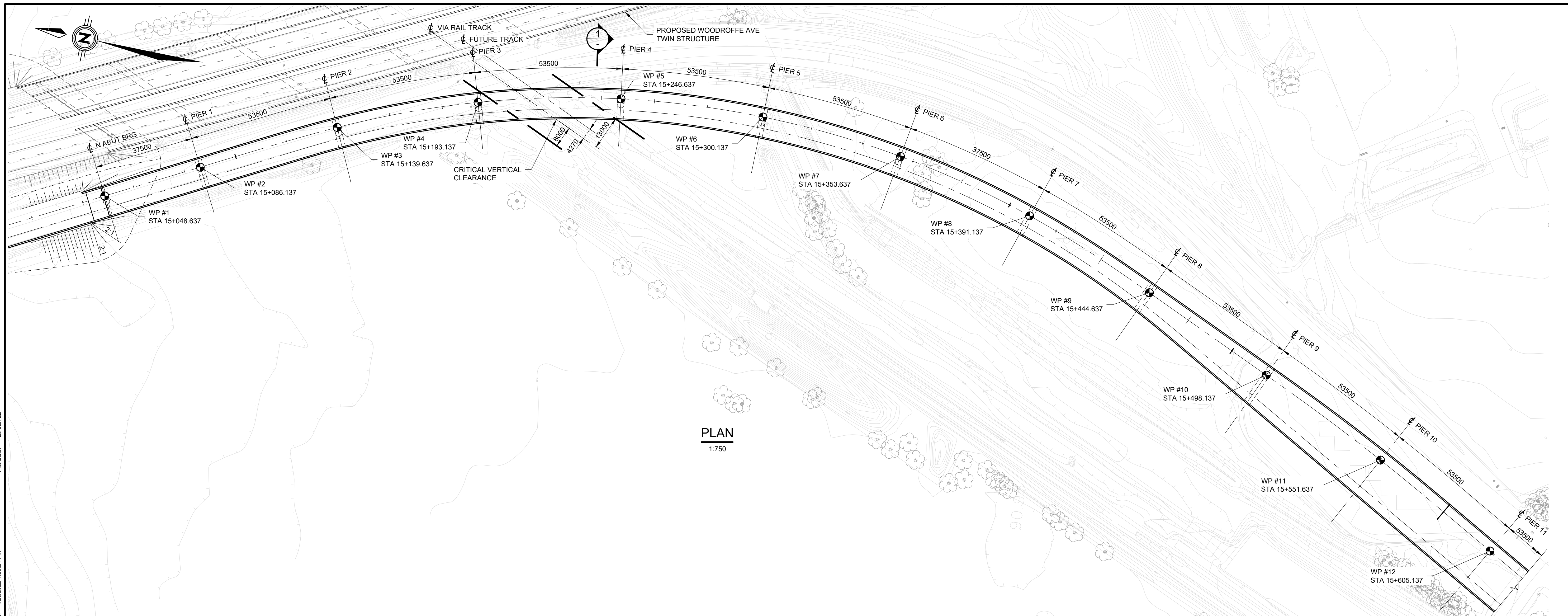
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SPORTSPLEX  
ACCESS RAMP  
DETAILS

Revision:	
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Plot Date: 20-Jan-22

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**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
6-Jul-20

**Barrhaven LRT Corridor**  
Baseline Station to Barrhaven Town Centre Station



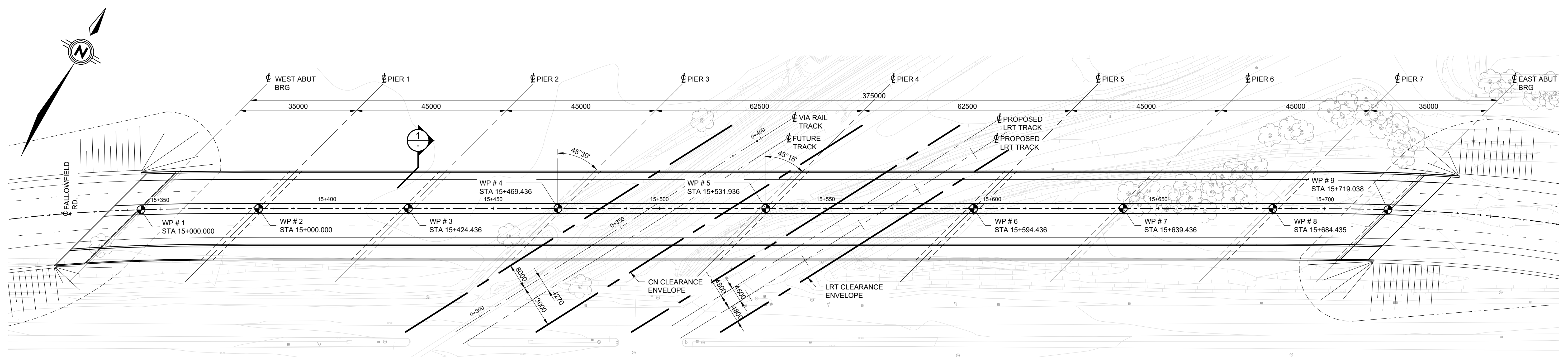
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TRANSITWAY  
LRT OPTION GA

Revision:  
Sheet:  
**S02**

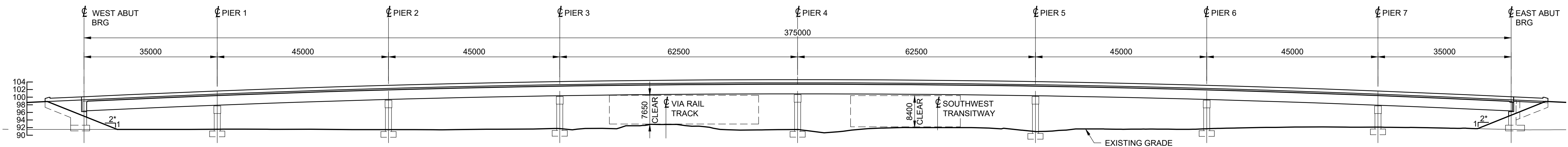
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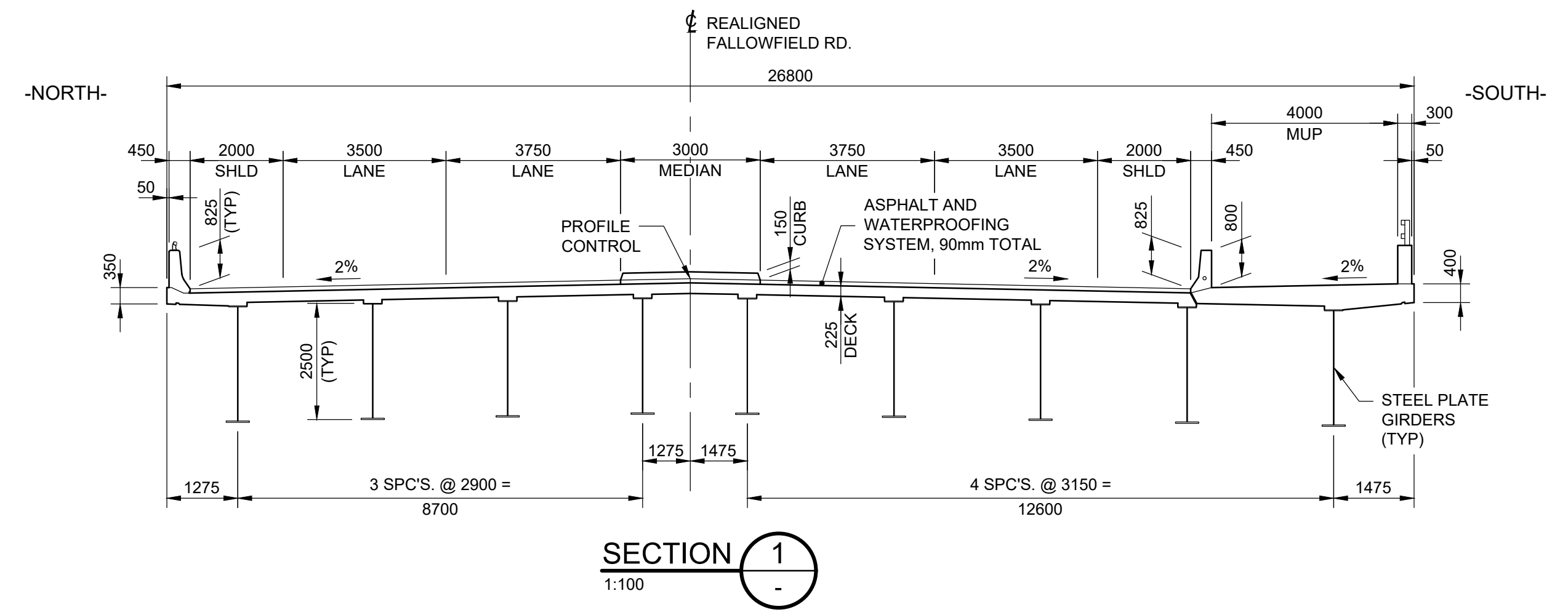
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PLAN  
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ELEVATION  
1:600



SECTION 1  
1:100

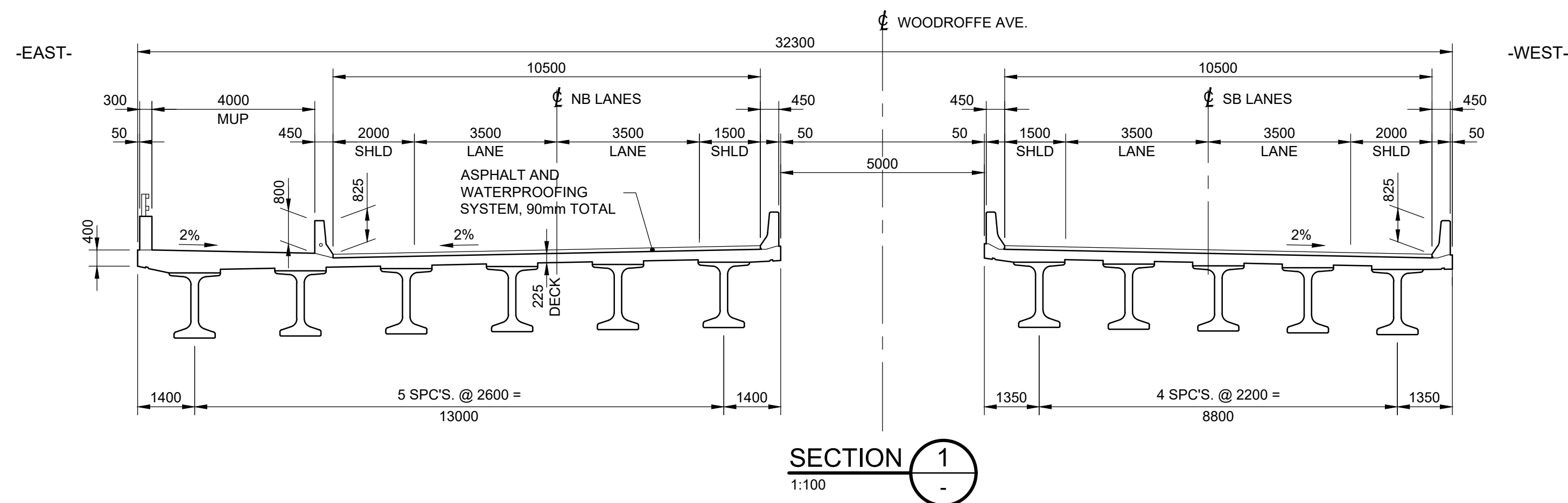
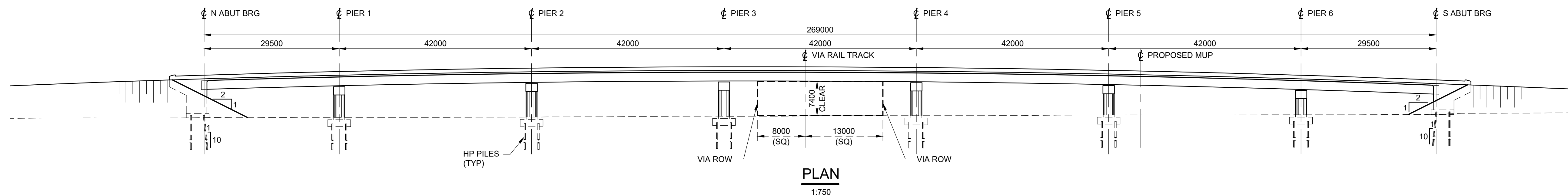
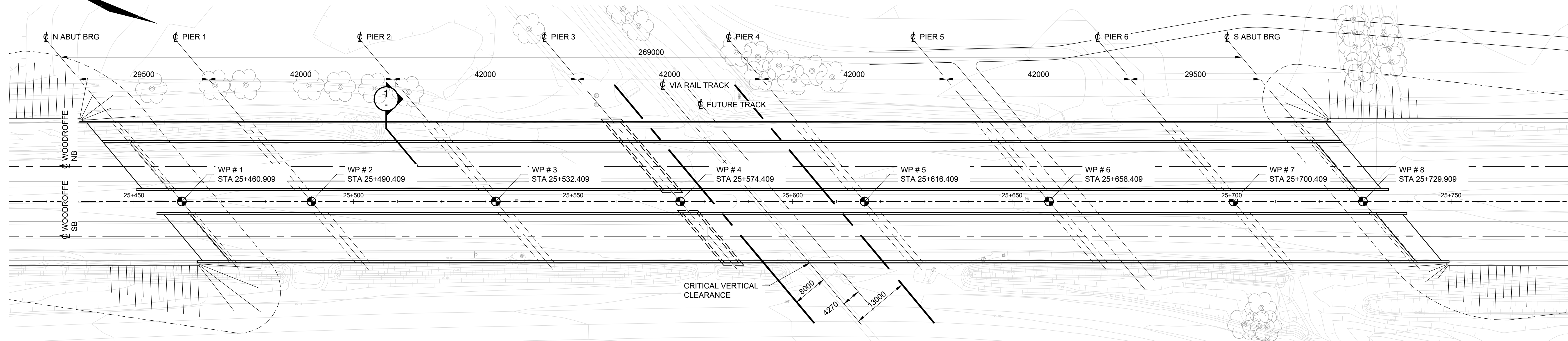
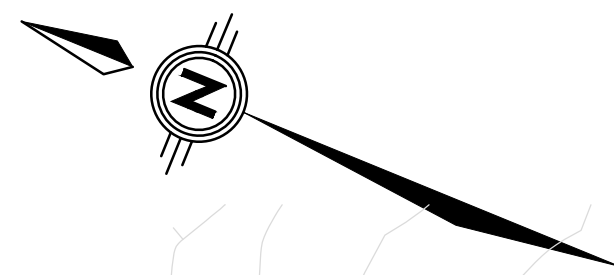
**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
 6-Jul-20

**Barrhaven LRT Corridor**  
 Baseline Station to Barrhaven Town Centre Station



**BARRHAVEN LRT**  
 FALLOWFIELD RD  
 GA

Revision:  
 Sheet:  
**S03**



**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
 6-Jul-20

**Barrhaven LRT Corridor**  
 Baseline Station to Barrhaven Town Centre Station

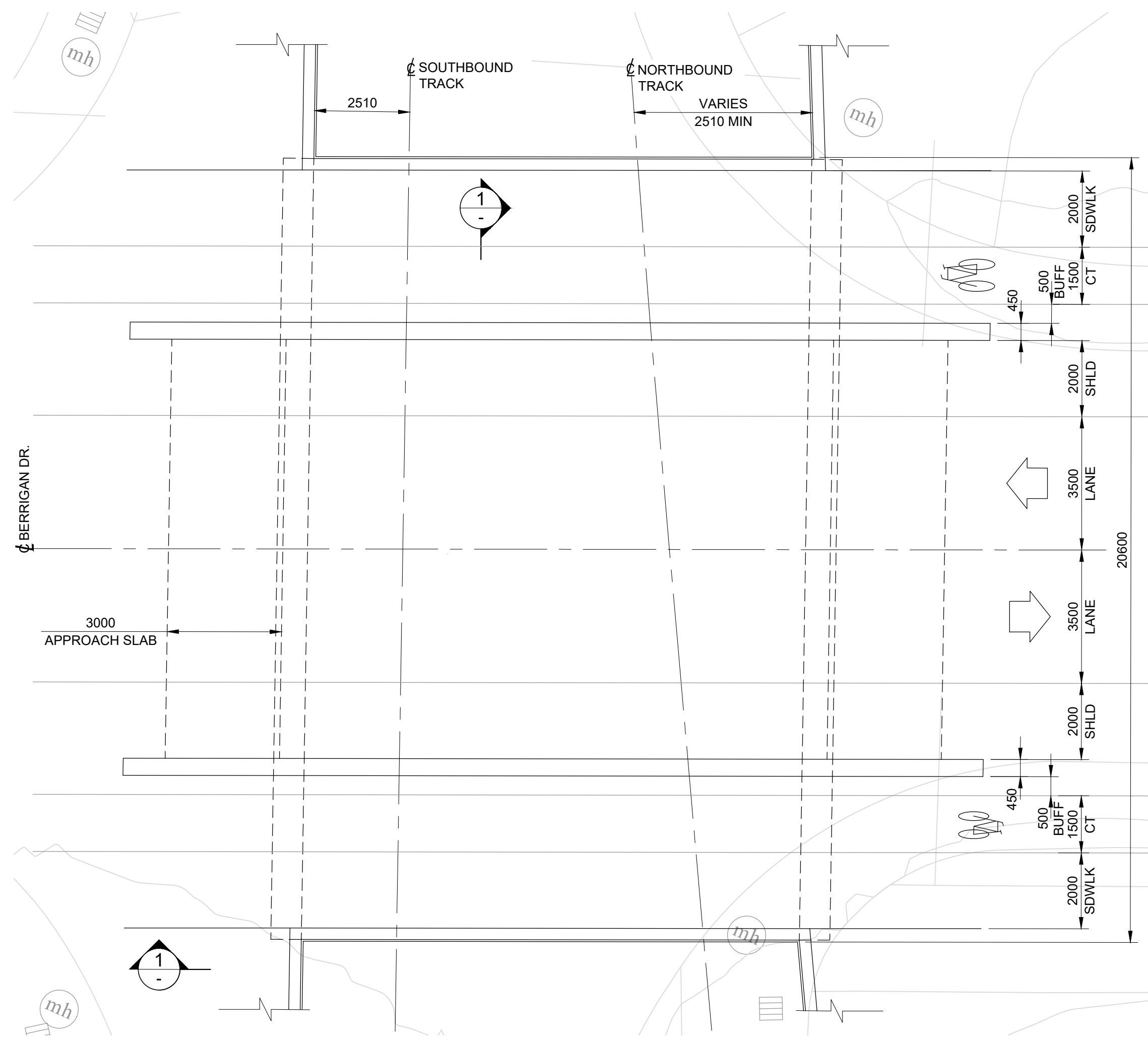
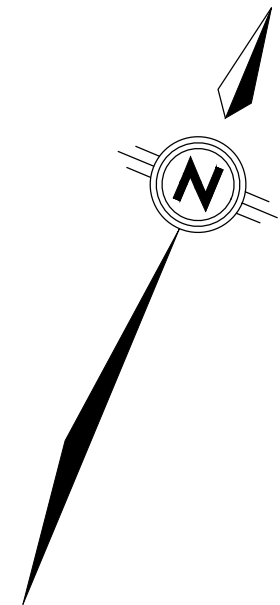


**BARRHAVEN LRT**  
 WOODROFFE  
 TWIN STRUCTURE

Revision:  
 Sheet: **S04**

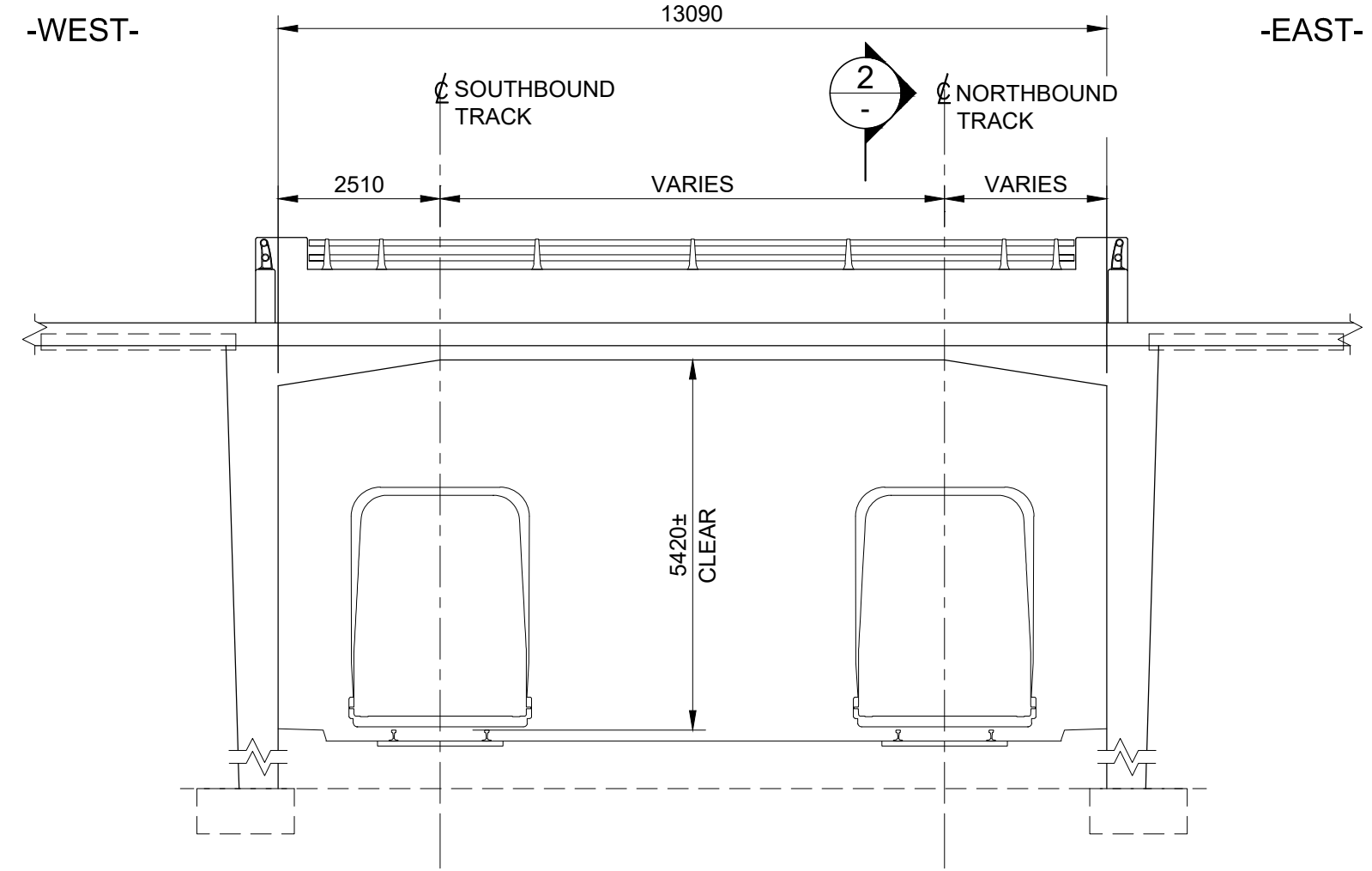
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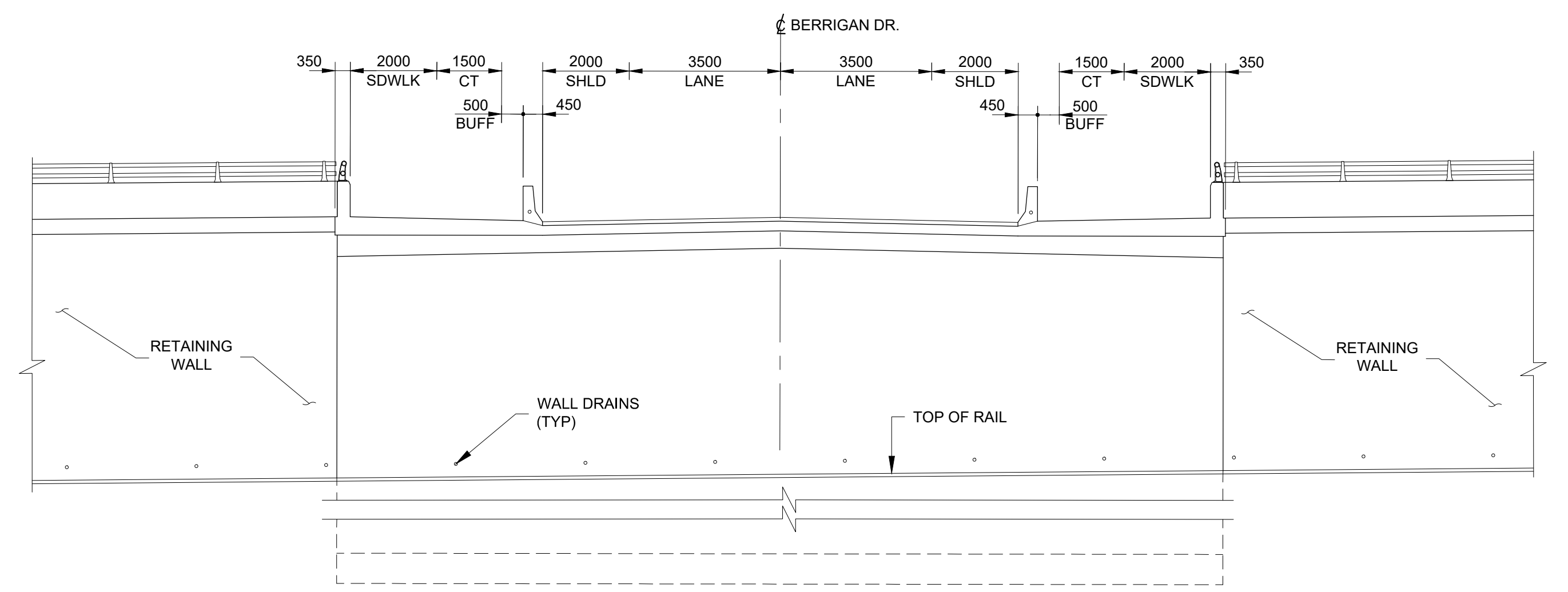
PLAN

1:100



ELEVATION 1

1:100



SECTION 2

1:100

**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
16-Apr-20

# Barrhaven LRT Corridor

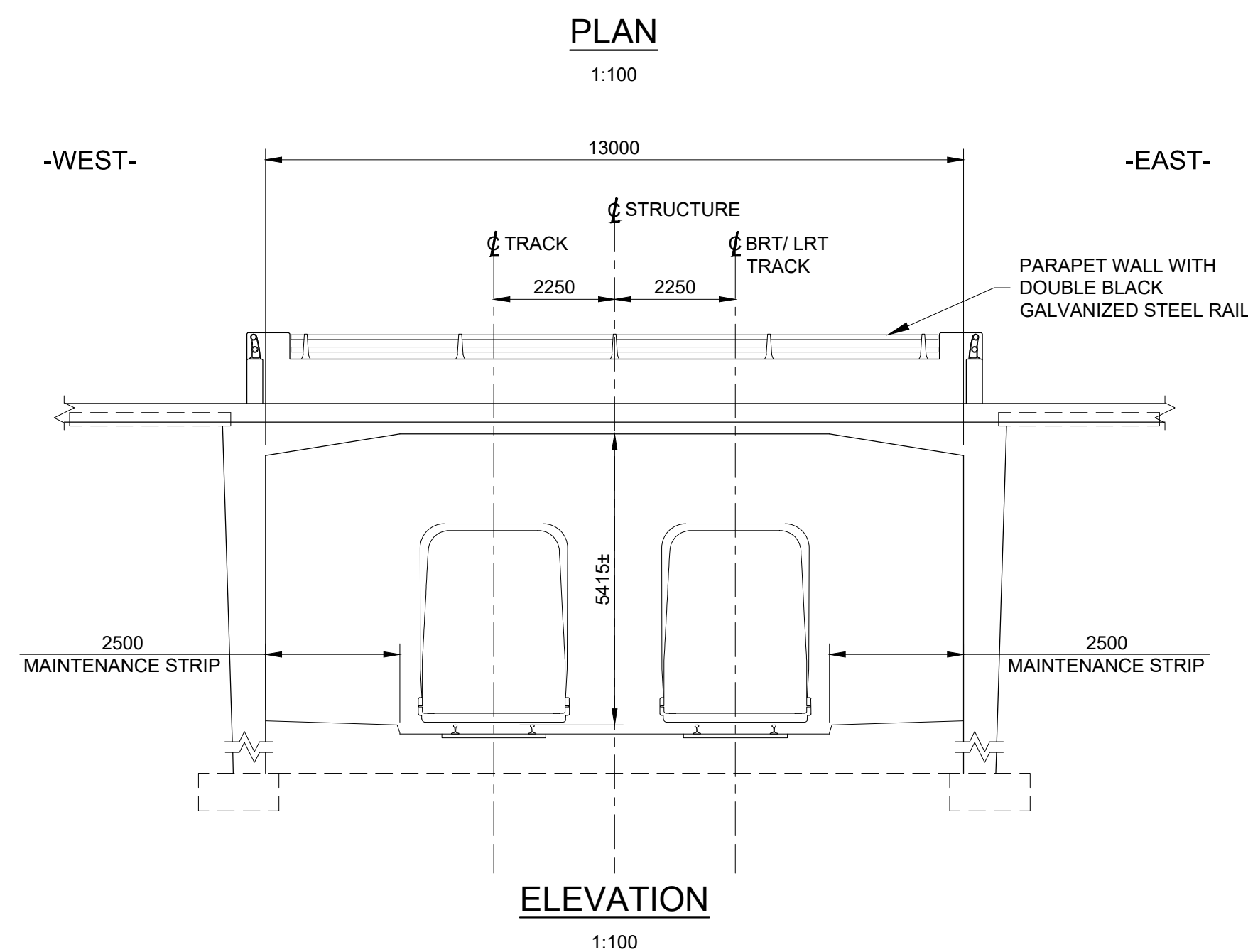
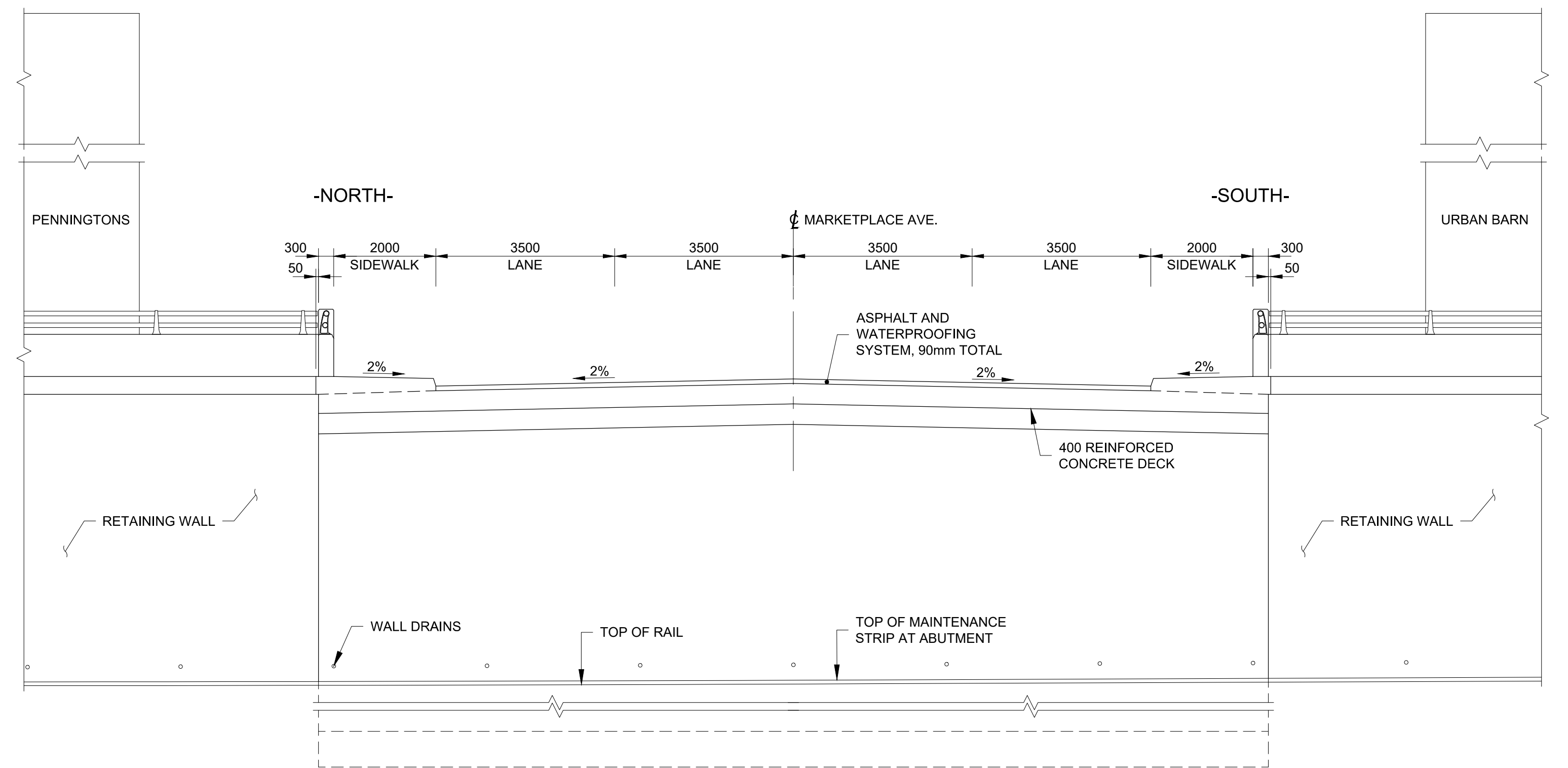
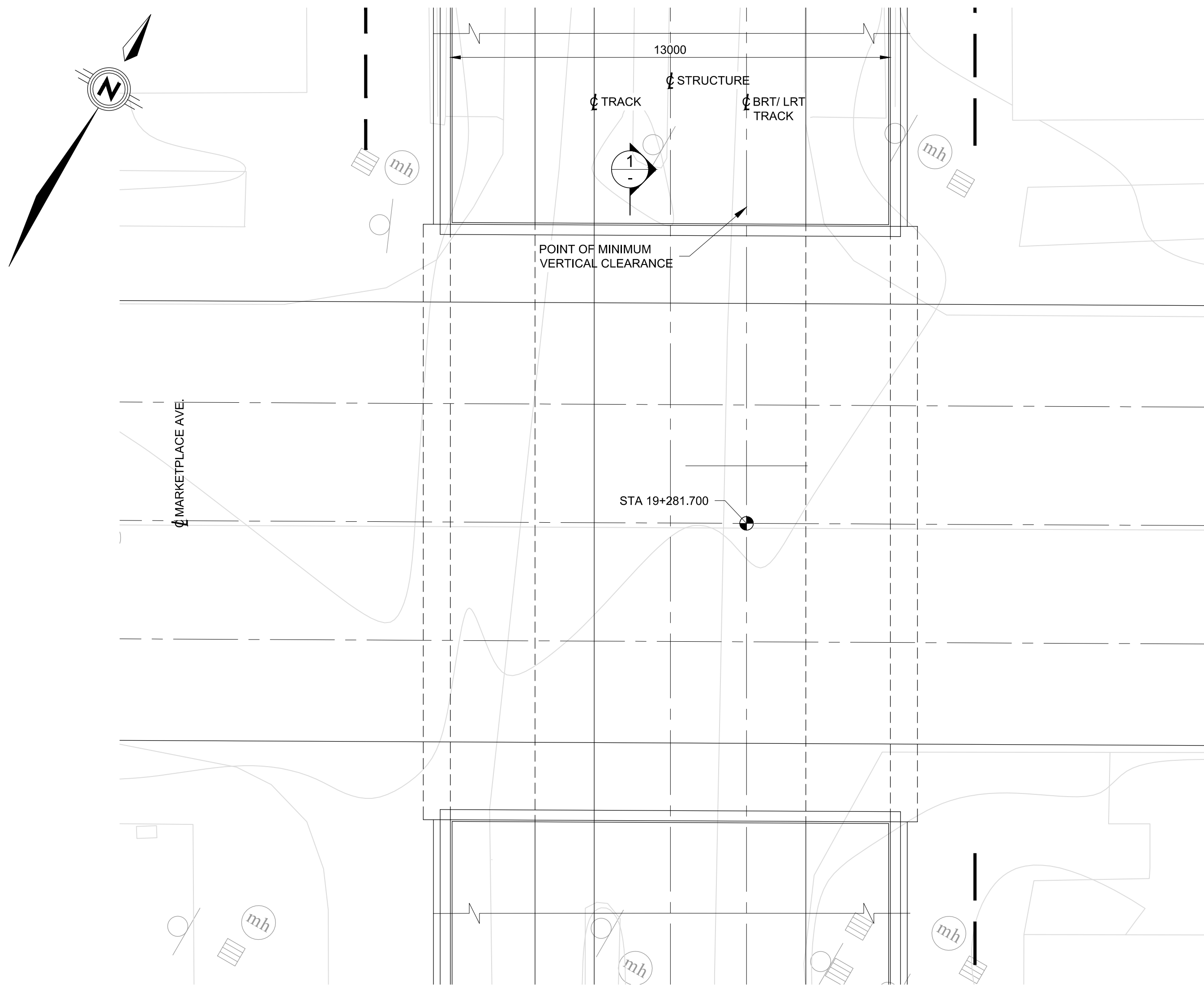
Baseline Station to Barrhaven Town Centre Station



**BARRHAVEN LRT  
BERRIGAN DR.**  
TRANSITWAY  
BRT OPTION GA

Revision:  
Sheet:  
**S05**

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 Plot Date: 6-Jul-20



**PRELIMINARY  
 FOR DISCUSSION PURPOSES  
 ONLY**  
 6-Jul-20

## Barrhaven LRT Corridor

### Baseline Station to Barrhaven Town Centre Station



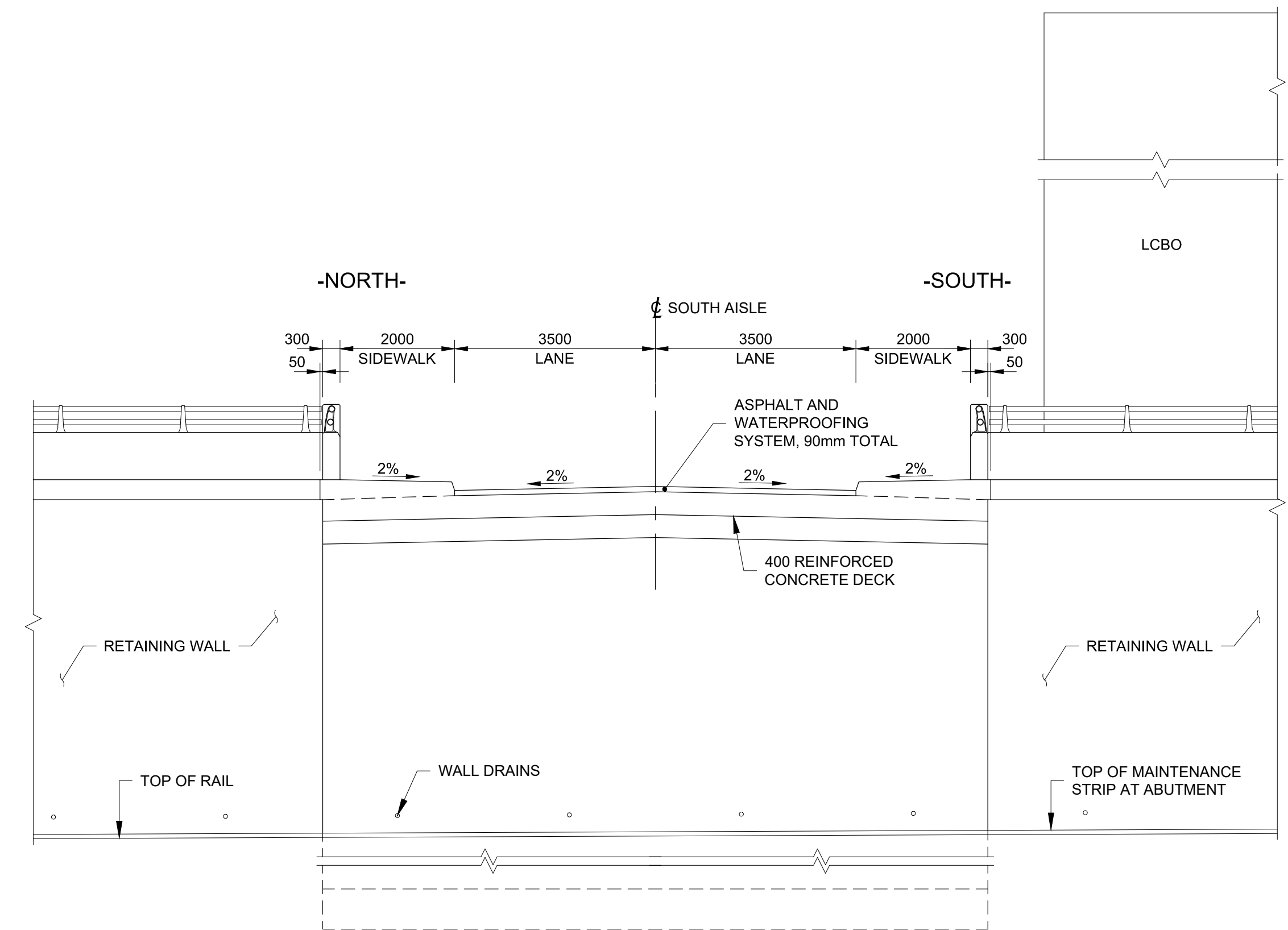
**BARRHAVEN LRT**  
**MARKETPLACE AVE**  
**GA**

Revision:  
 Sheet: **S06**

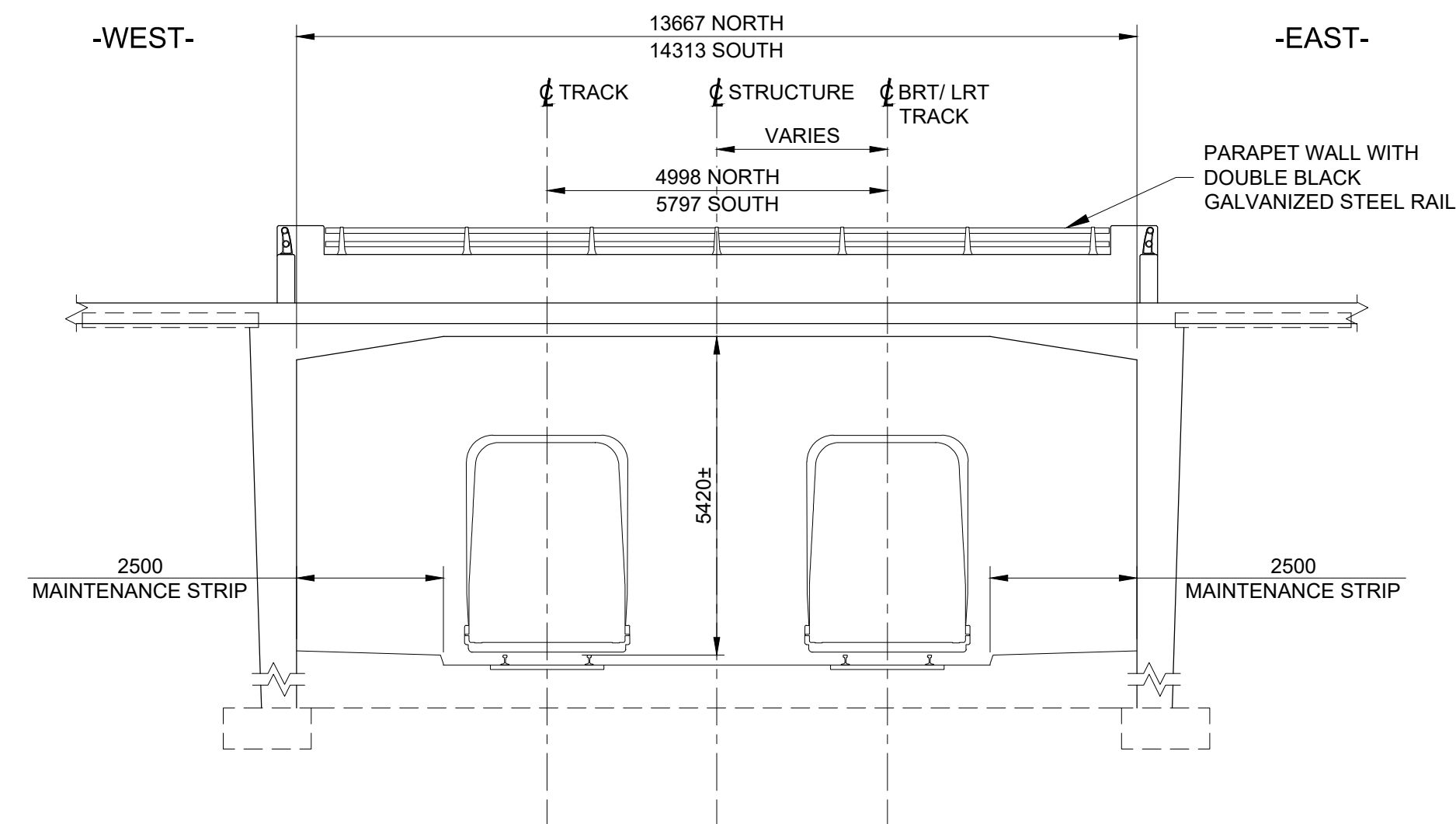
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 Plot Date: 6-Jul-20



**PLAN**  
1:100



**SECTION 1**  
1:75



**ELEVATION**  
1:100

**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
 6-Jul-20

**Barrhaven LRT Corridor**  
 Baseline Station to Barrhaven Town Centre Station

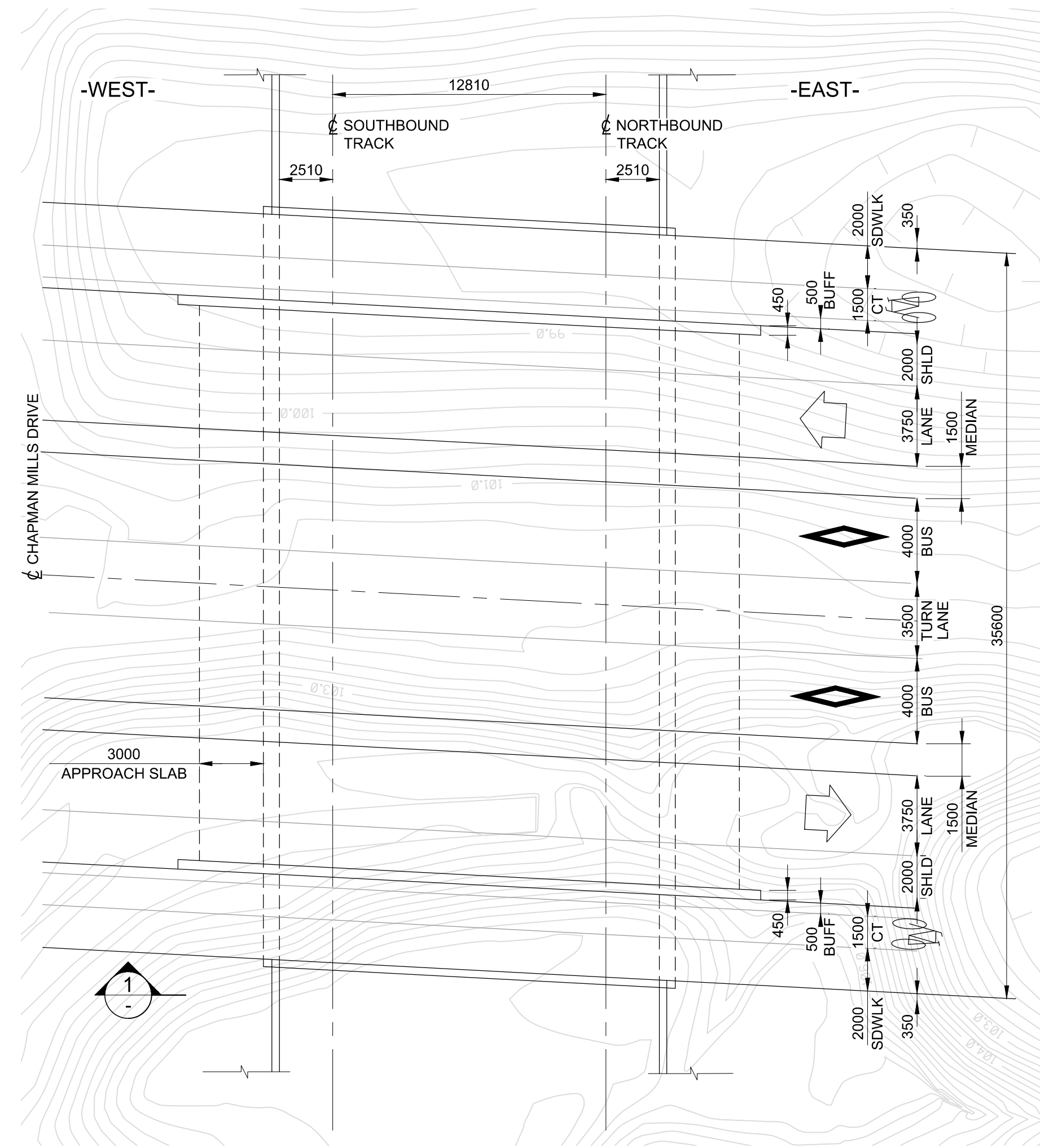
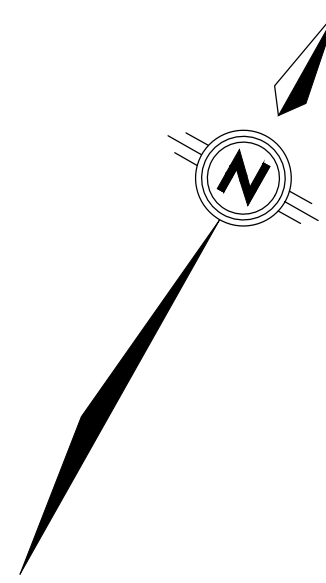


**BARRHAVEN LRT**  
 SOUTH AISLE GA

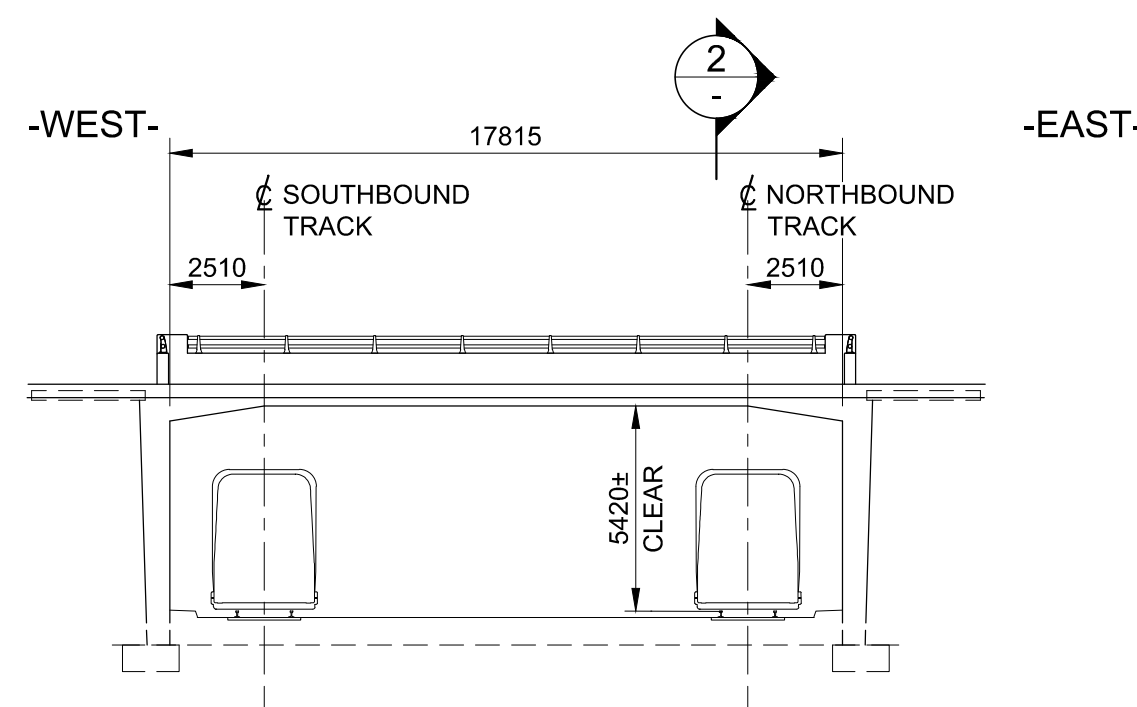
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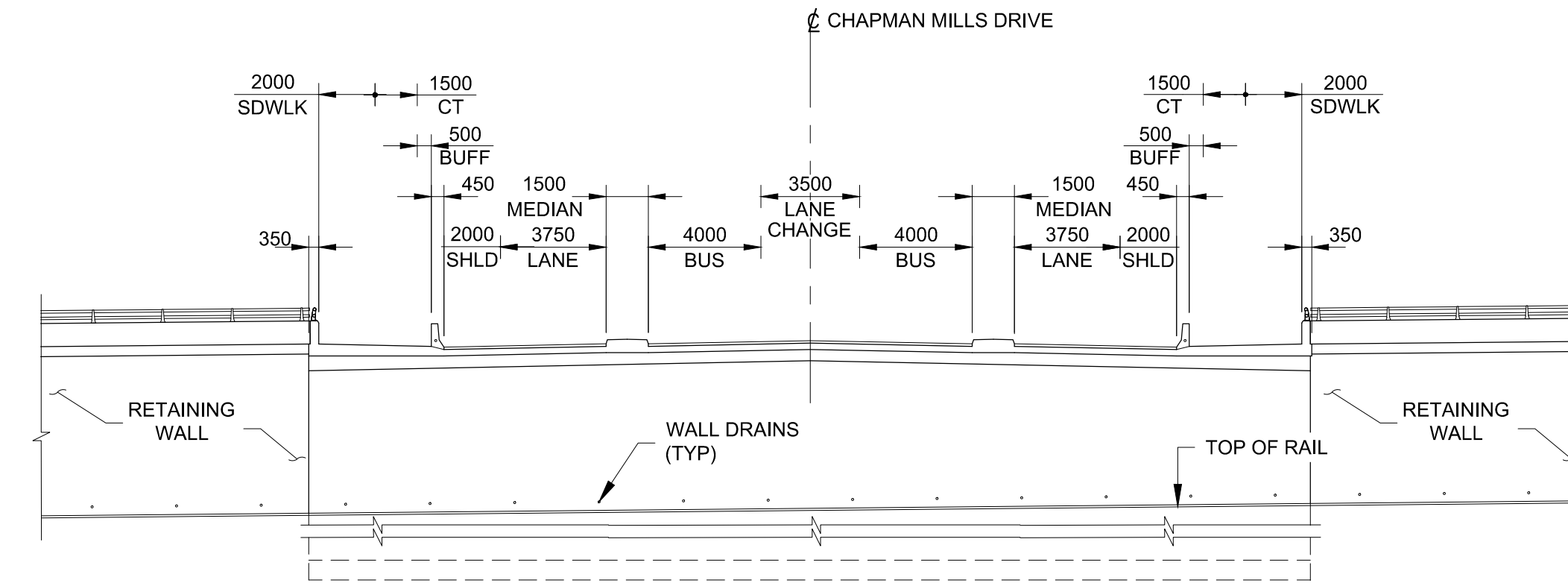
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PLAN  
1:200



ELEVATION 1  
1:200



SECTION 2  
1:200

**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
6-Jul-20

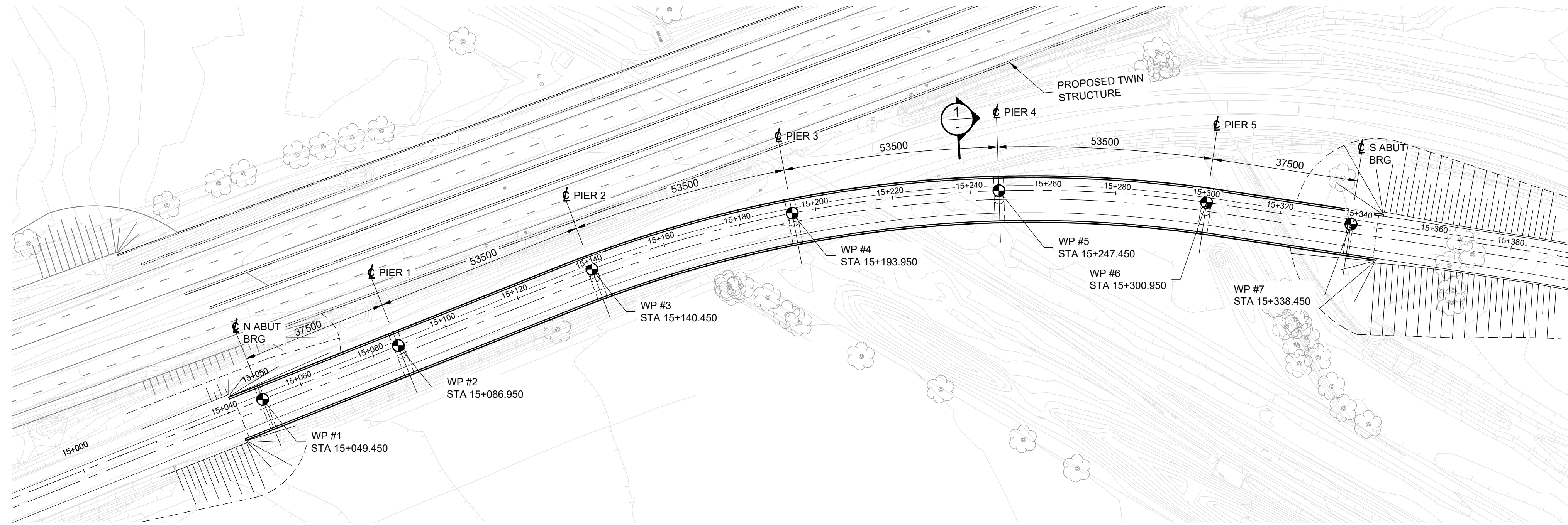
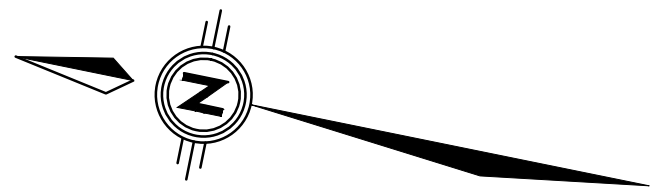
# Barrhaven LRT Corridor

## Baseline Station to Barrhaven Town Centre Station

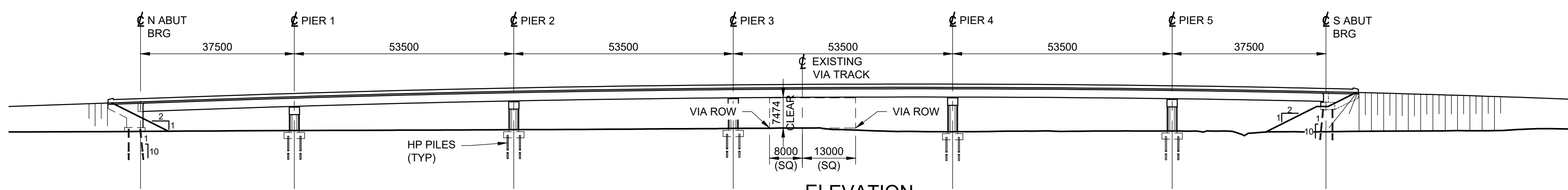


**BARRHAVEN LRT**  
CHAPMAN MILLS  
BRIDGE  
GA

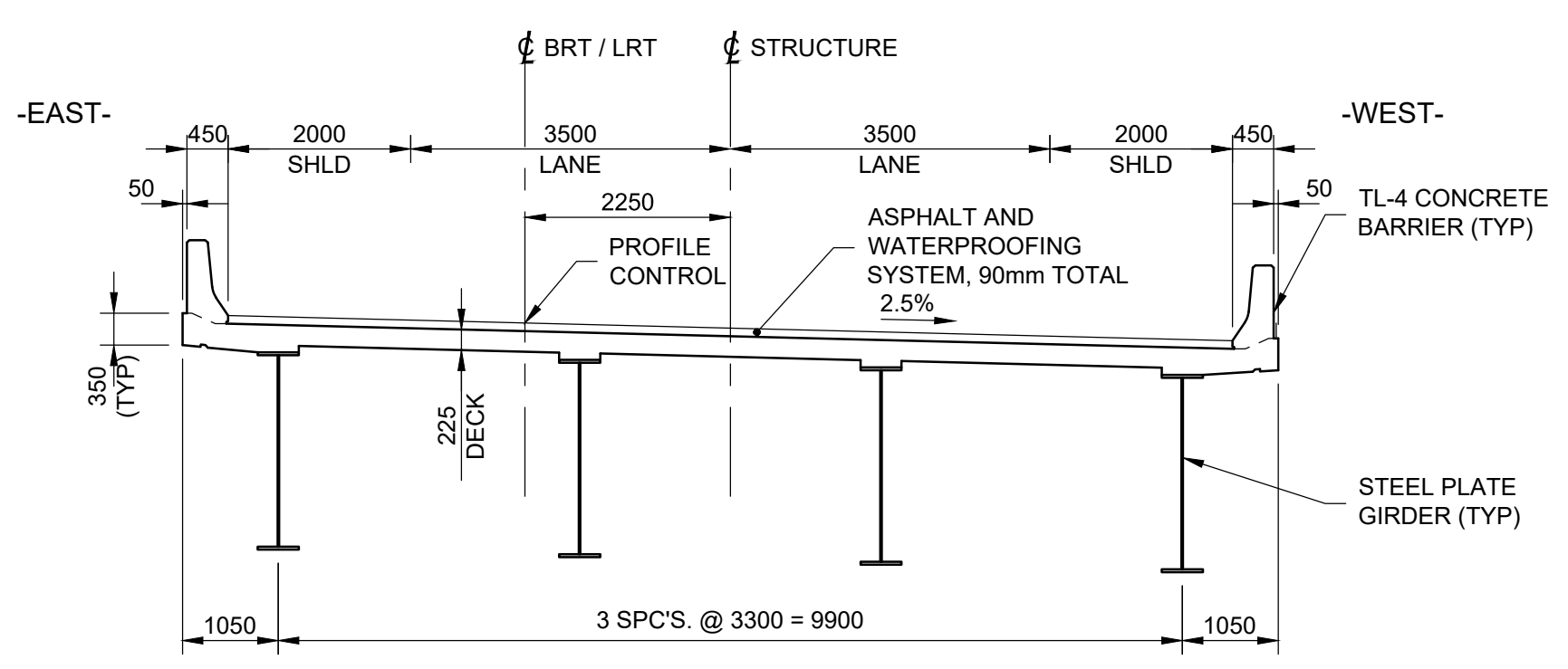
Revision:  
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PLAN  
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ELEVATION  
1:750



SECTION 1  
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**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
 29-Sep-20

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## Barrhaven LRT Corridor

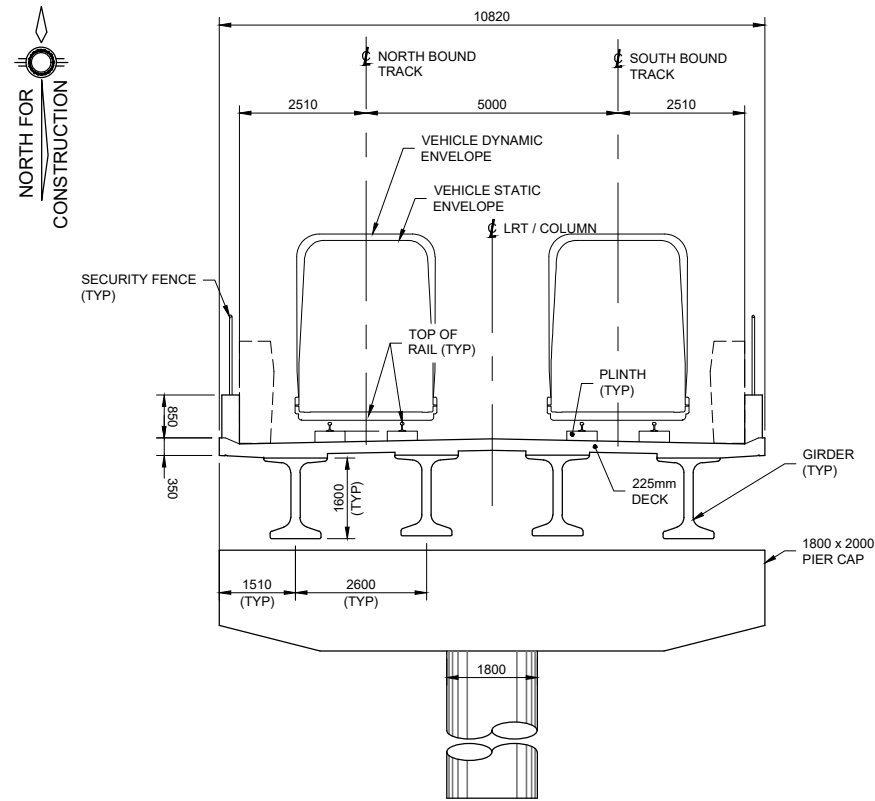
### Baseline Station to Barrhaven Town Centre Station



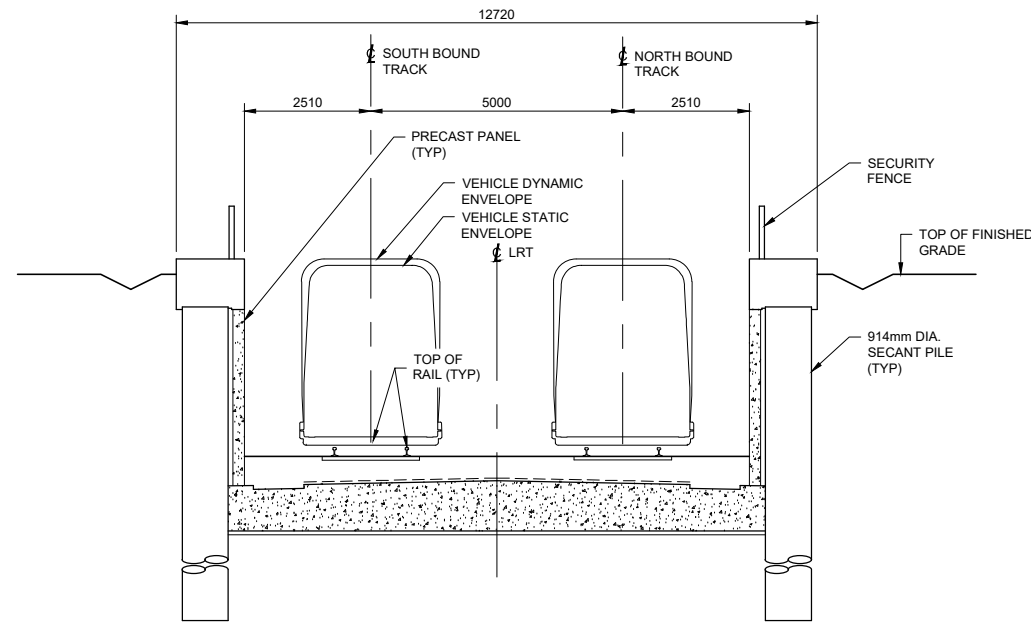
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 TRANSITWAY  
 BRT OPTION GA

Revision:  
 Sheet:  
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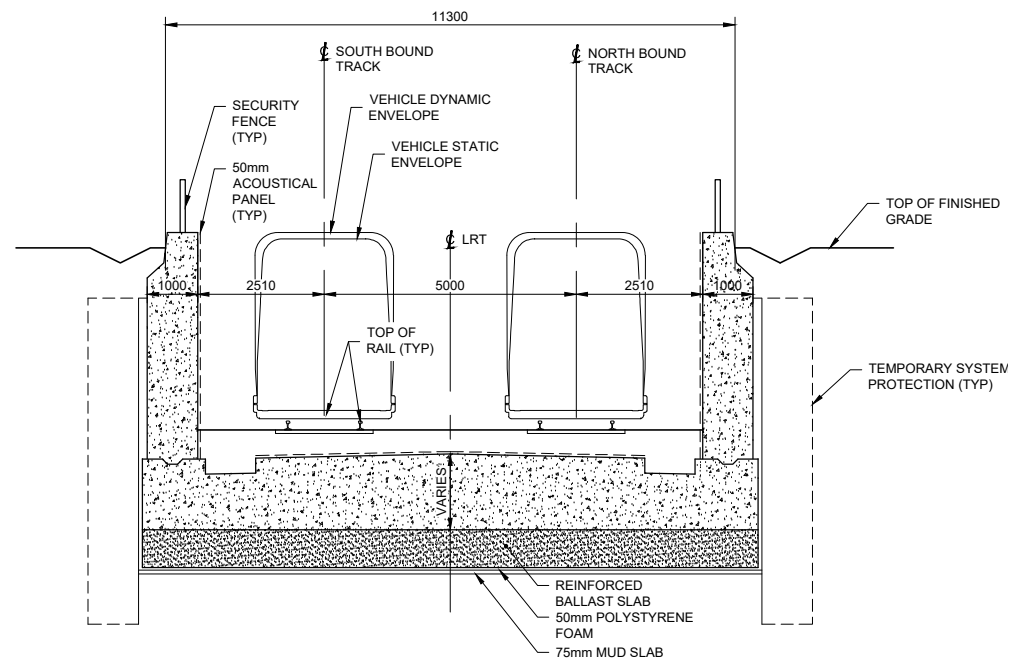
**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
16-Apr-20



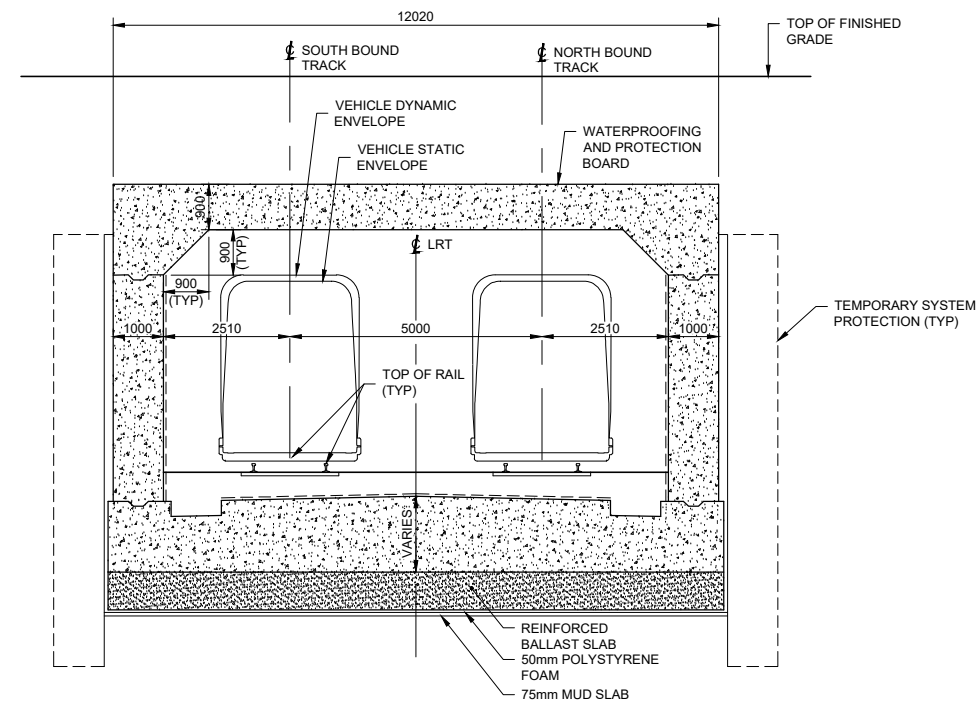
**ELEVATED OPTION**  
1:75



**U-TRENCH OPTION 1**  
1:75



**U-TRENCH OPTION 2**  
1:75



**BOX TUNNEL OPTION**  
1:75

Plot Date: 6-Jul-20

Last Saved: 7/6/2020 8:03:14 AM

Consultant's Information: H:\ISO\47675\4000\WGS\Structures\DWG\TYPICAL CROSS SECTION.dwg

**Barrhaven LRT Corridor**  
Baseline Station to Barrhaven Town Centre Station



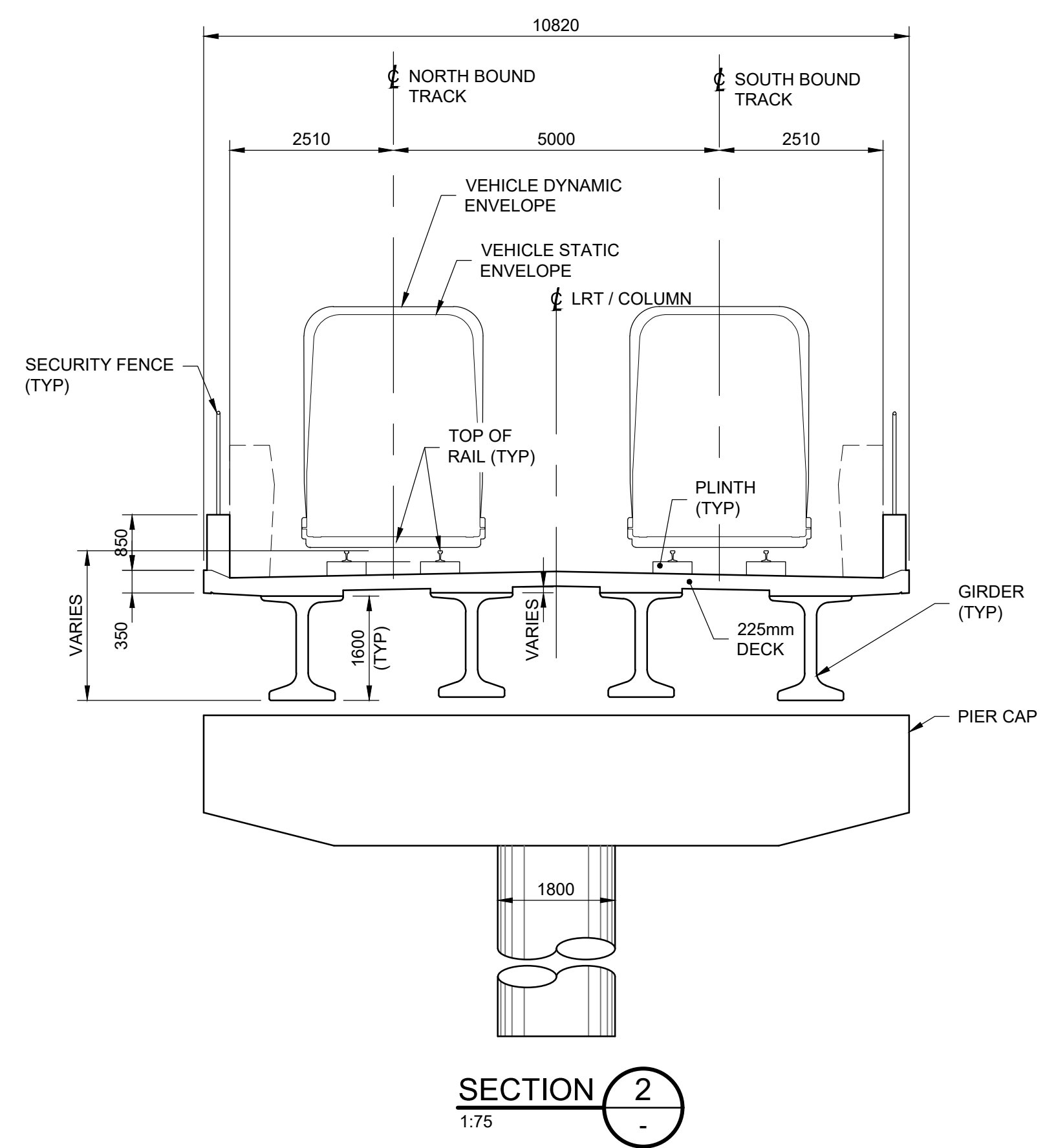
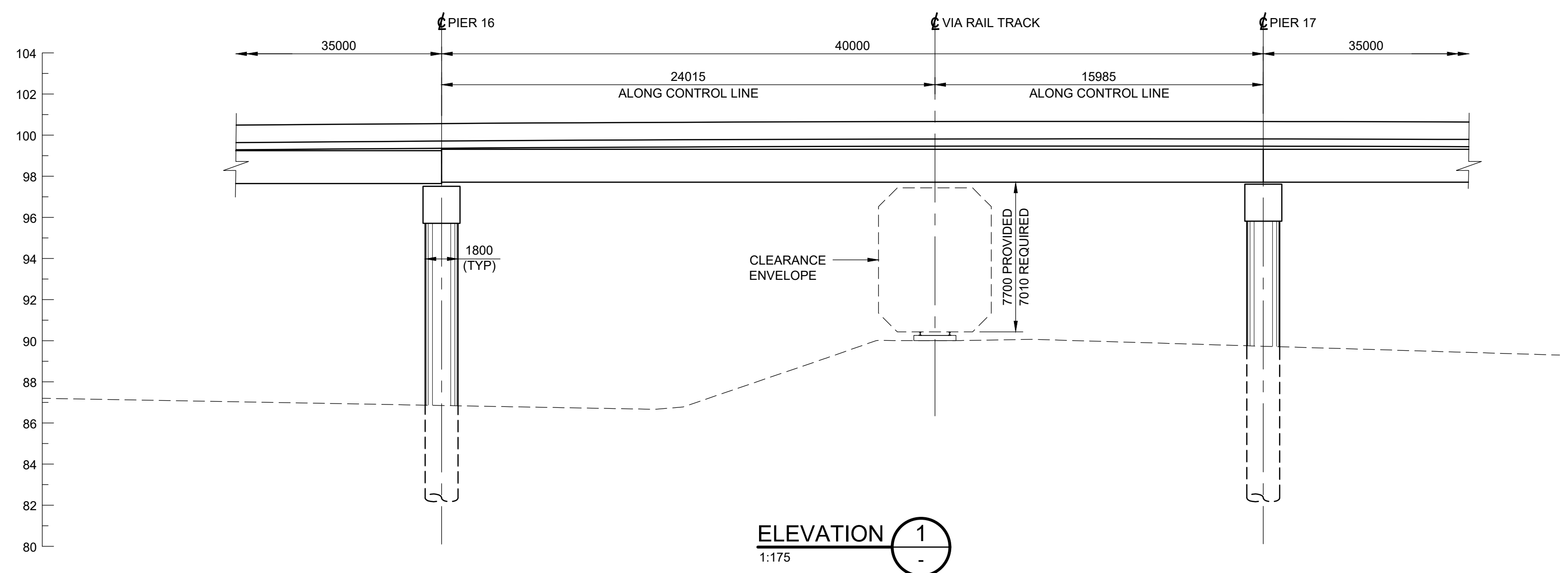
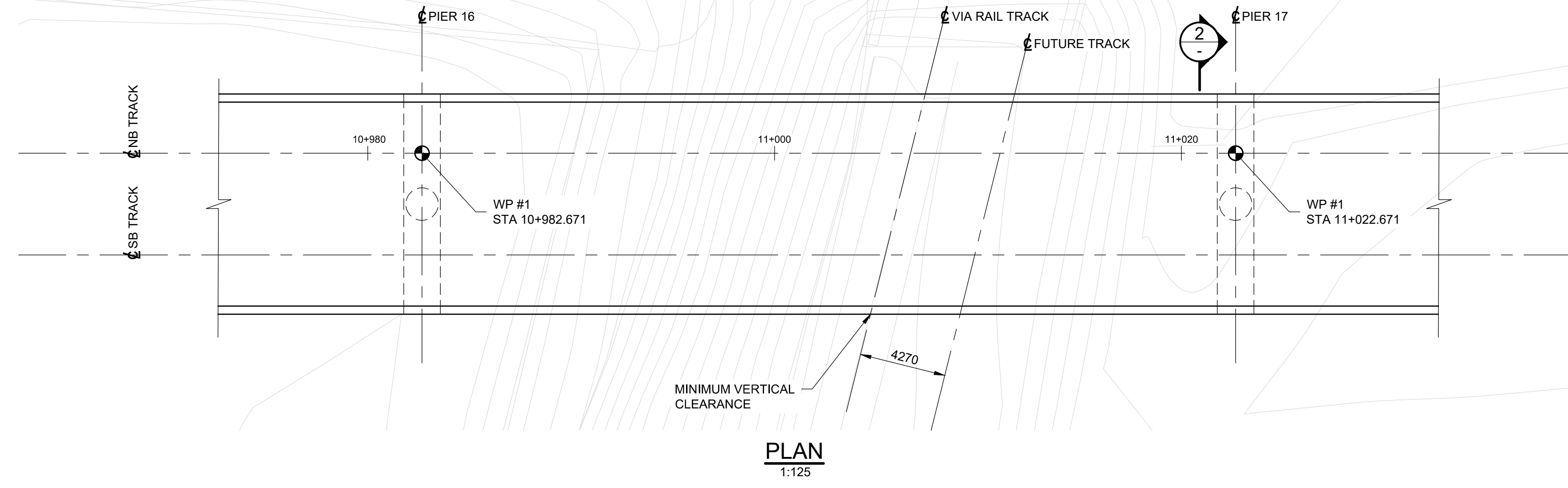
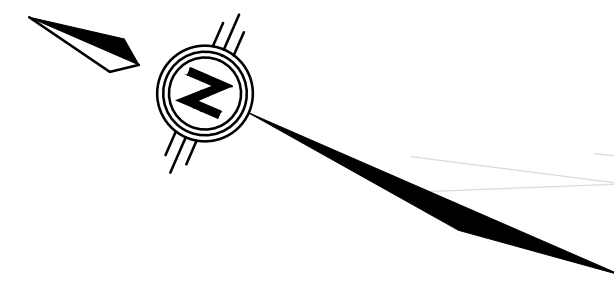
**BARRHAVEN LRT**  
TYPICAL CROSS SECTIONS

Revision:	
Sheet:	<b>S10</b>

Plot Date: 21-Jan-22

Last Saved: 1/20/2022 2:52:03 PM

Consultant's Information: H:\ISO\47694\00\DWGS\Structures\DWG\BLRT - TRANSITWAY - LRT - 5m TRACK SPACE.dwg



**PRELIMINARY  
FOR DISCUSSION PURPOSES  
ONLY**  
 15-Jul-20

**Barrhaven LRT Corridor**  
 Baseline Station to Barrhaven Town Centre Station



**BARRHAVEN LRT**  
 WOODROFFE AVE  
 VIA O/P

Revision: \_\_\_\_\_  
 Sheet: **S011**

