

## Appendix F Conceptual Engineering Drawings

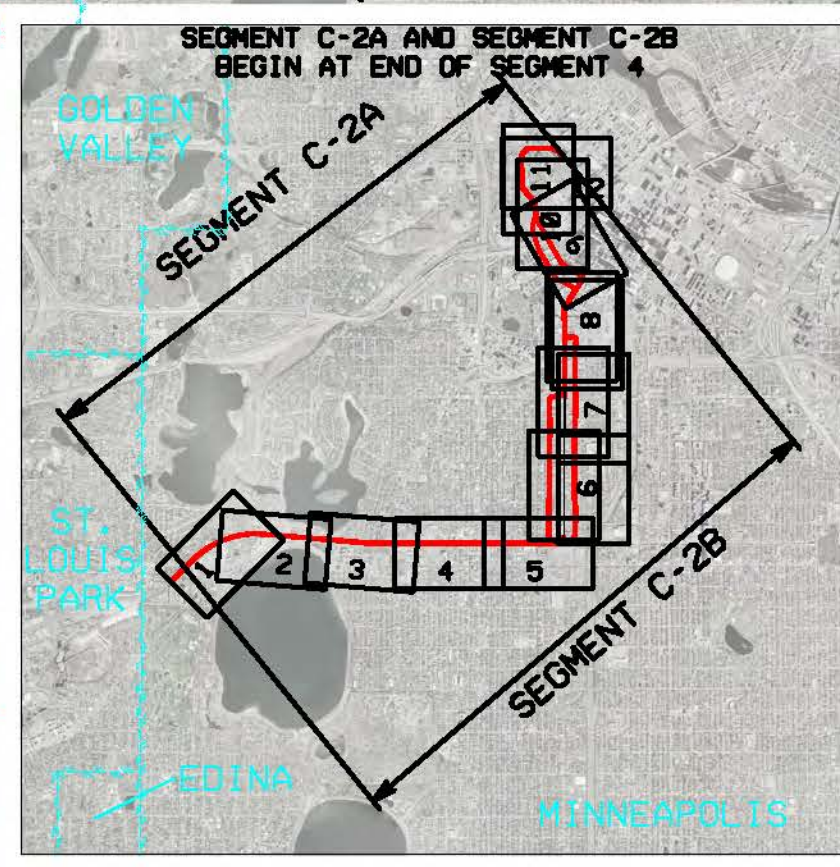
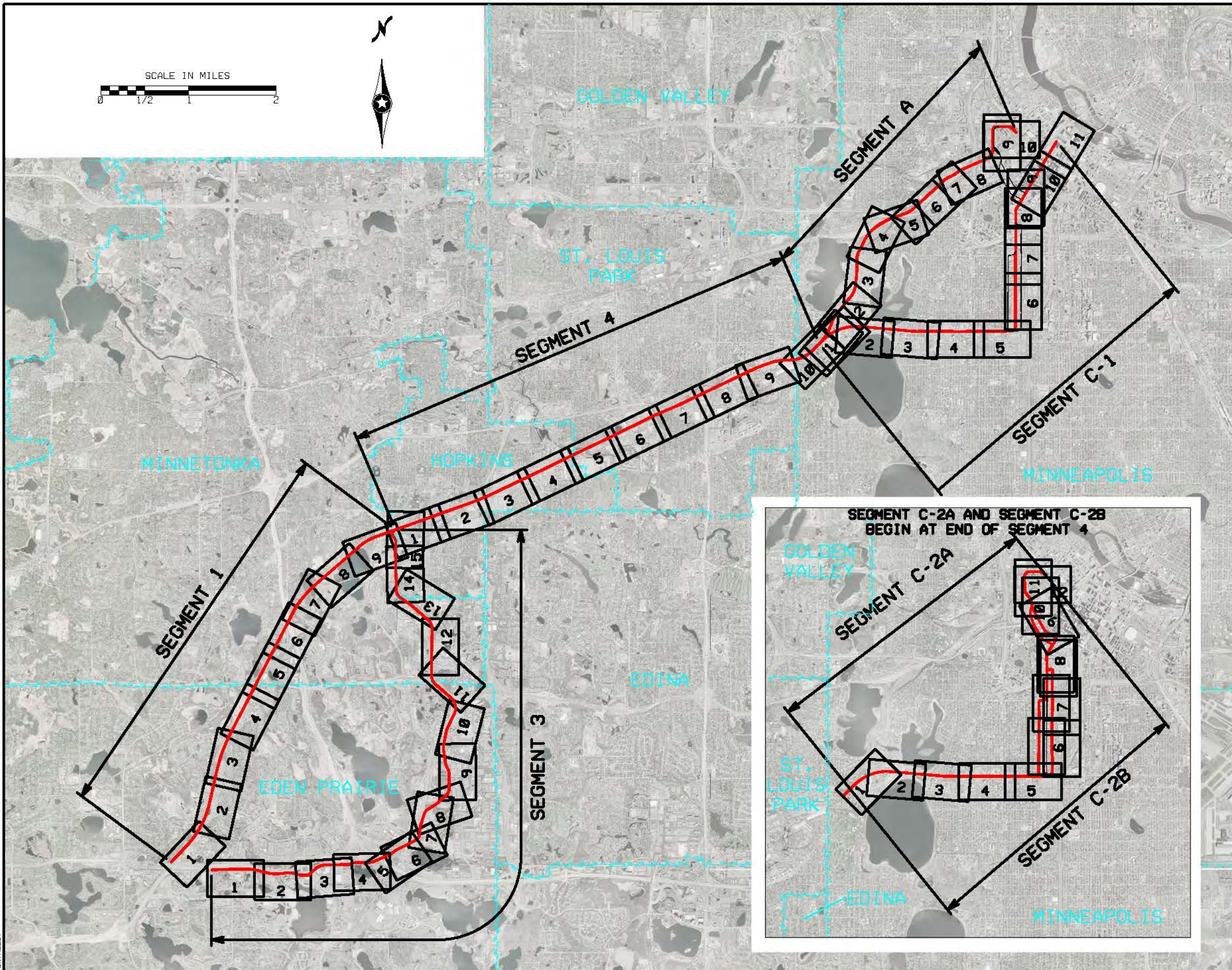
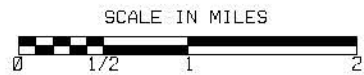


# **Appendix F Contents**

## **Conceptual Engineering:**

- **Segments 1, 3, 5, 4, A, C, and C Variations**
- **Freight Rail Relocation Segment**
- **Co-location Alternative**

**Conceptual Engineering**  
**Segments 1, 3, 5, 4, A, C, and C Variations**



ALTERNATIVES	SEGMENTS
1A	1 4 A
3A	3 4 A
3C-1	3 4 C-1
3C-2A	3 4 C-2A
3C-2B	3 4 C-2B

SHEET INDEX	
SEGMENTS	SHEETS
LAYOUT	1
LEGEND	1
TYP SECTIONS	1-13
1	1-9
3	1-15
4	1-10
A	1-10
C-1	1-11
C-2A	1-12
C-2B	1-12

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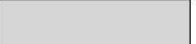








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**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
LRT ALTERNATIVES  
LAYOUT AND SHEET INDEX

**SHEET  
1  
OF  
1**

LEGEND FOR PLAN

PROPOSED	EXISTING
 LRT TANGENT	
 LRT CURVE	
 LRT SPIRAL	
 CURB	
 RETAINING WALL	
 MEDIAN BARRIER	
 FENCE	 EXISTING / BY OTHERS
 CUT LIMIT	 HIAWATHA LRT
 FILL LIMIT	 FREIGHT RAIL
 PAVEMENT	 PROPERTY PARCELS
 BRIDGE	 PAVEMENT REMOVAL/ IMPACTED PROPERTY
 STATION	 EXISTING BRIDGE
 TRAIL (1)	 BRIDGE REMOVAL
 SIDEWALK	 TRAIL REMOVAL
 PARK AND RIDE	 FREIGHT RAIL REMOVAL

NOTES:

(1) GRADING FOR THE TRAILS SHOWN WILL BE INCLUDED IN THE PROJECT COST, HOWEVER THE SURFACING FOR THE TRAILS WILL NOT BE INCLUDED WITH THE PROJECT COSTS. TRAIL SURFACING MUST BE PERFORMED AT THE EXPENSE OF OTHERS.

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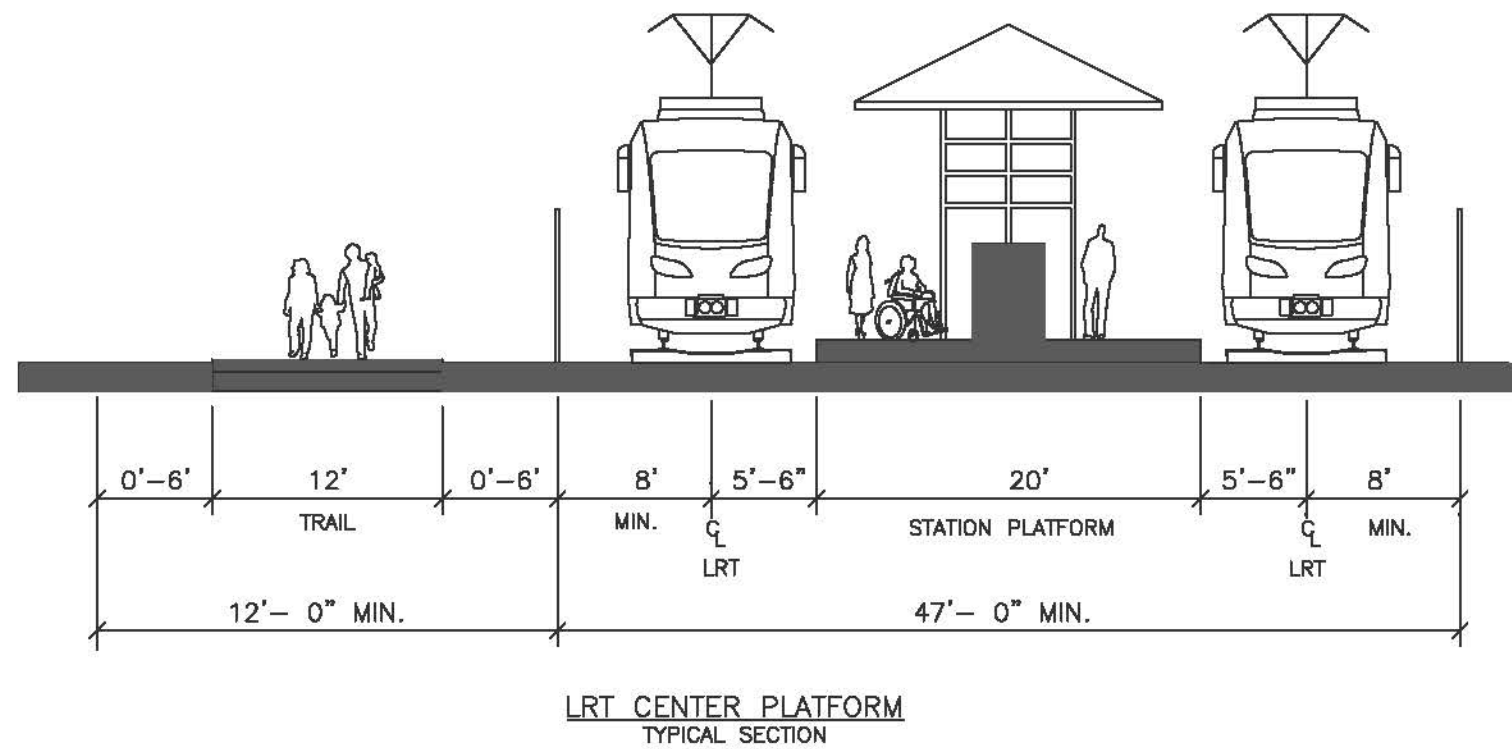
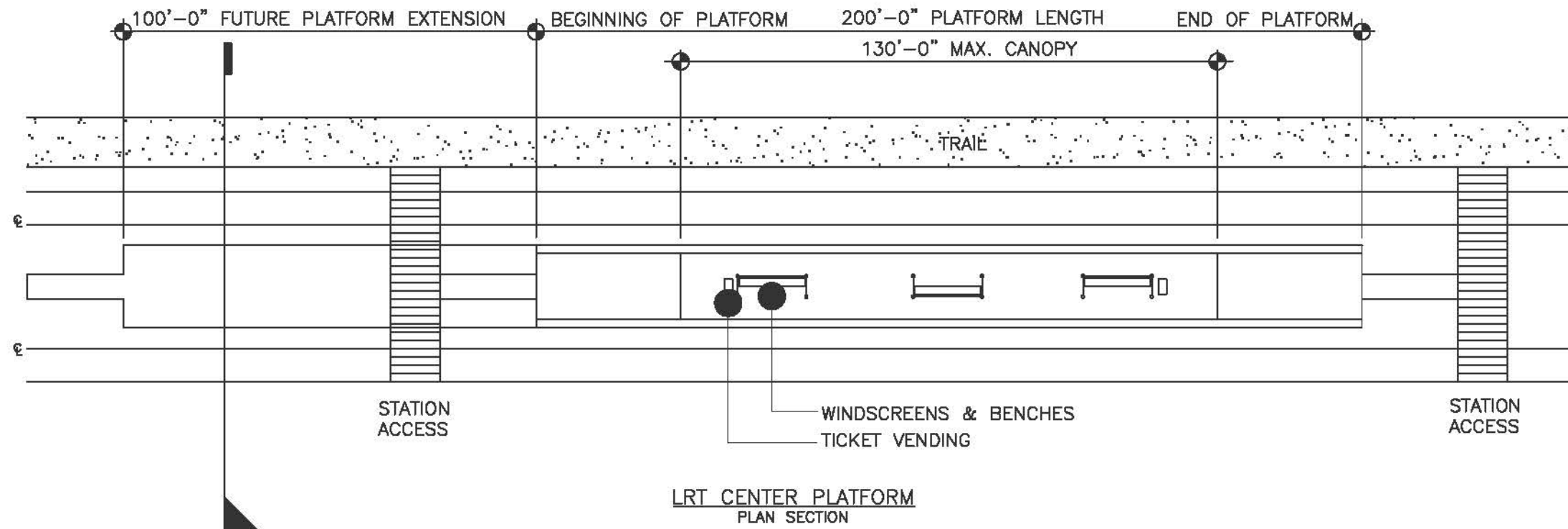
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LRT ALTERNATIVES  
LEGEND

**SHEET  
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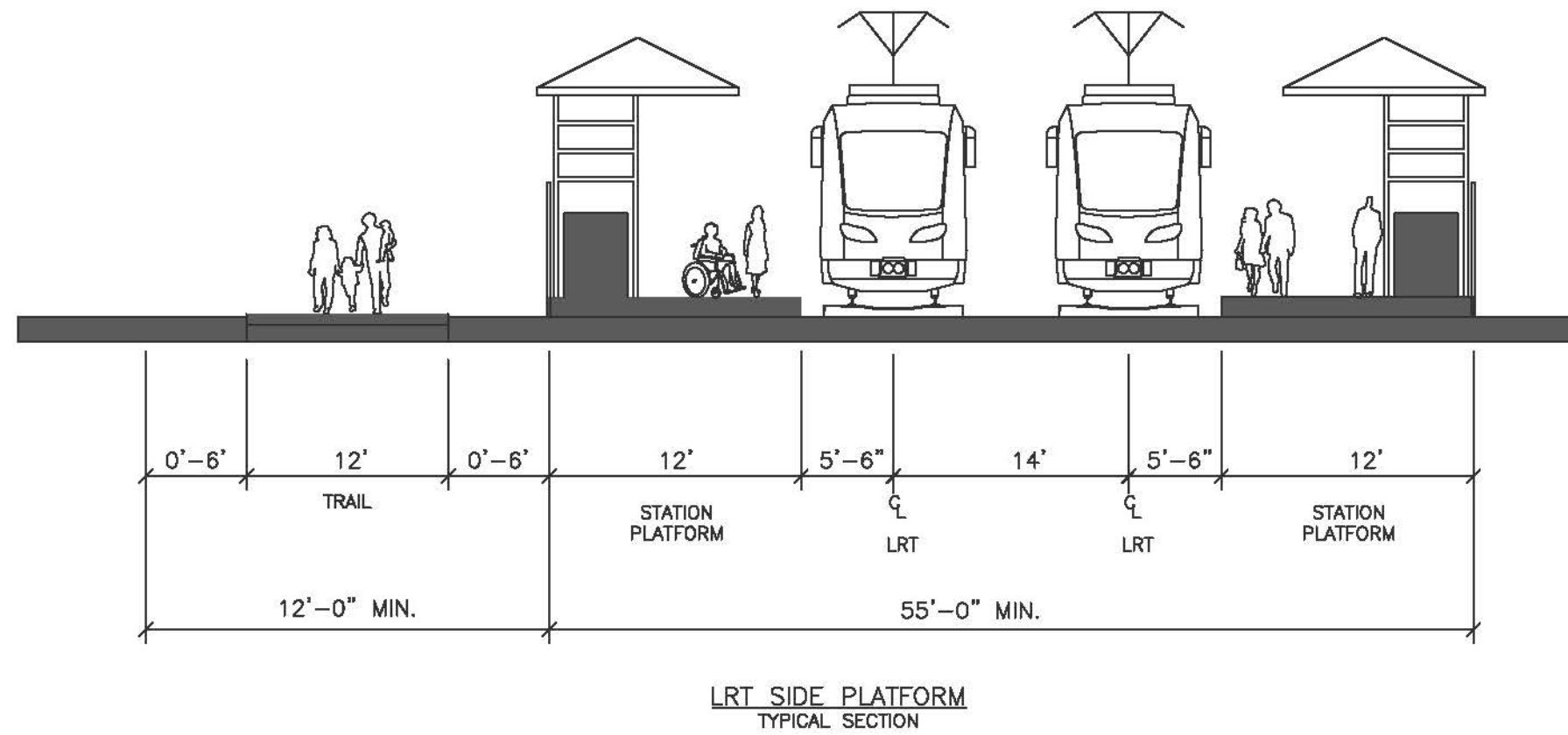
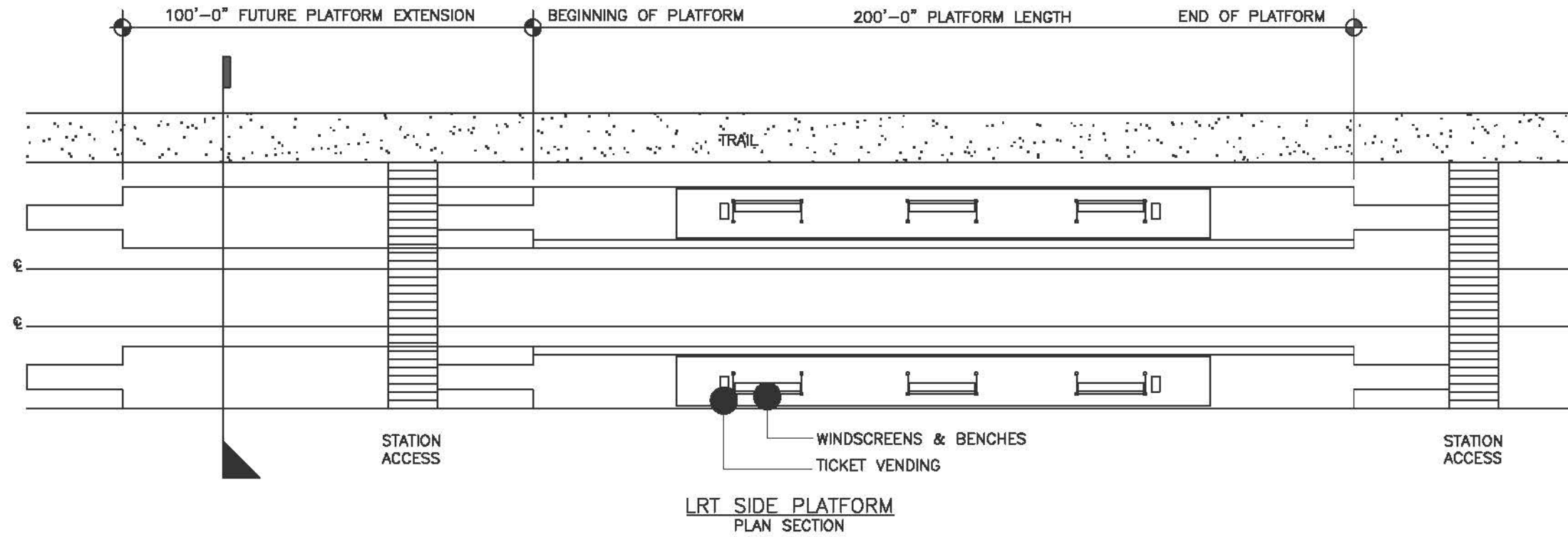


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**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**

PLAN & TYPICAL SECTIONS  
LRT CENTER PLATFORM STATION

**SHEET  
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OF  
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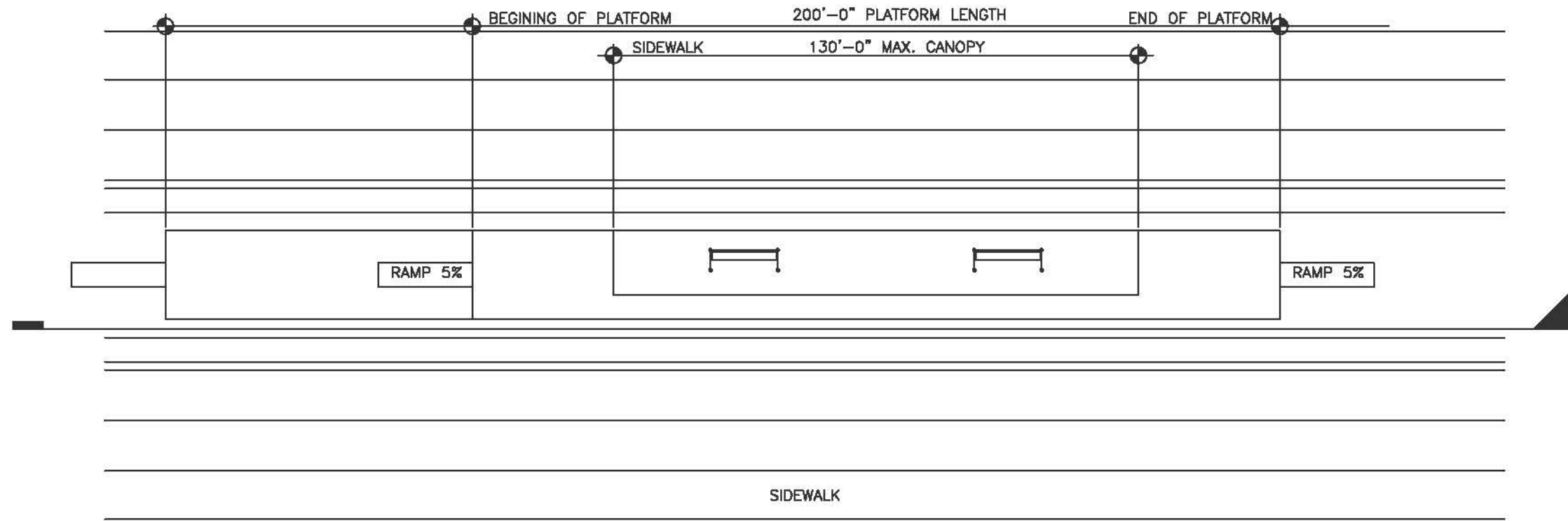


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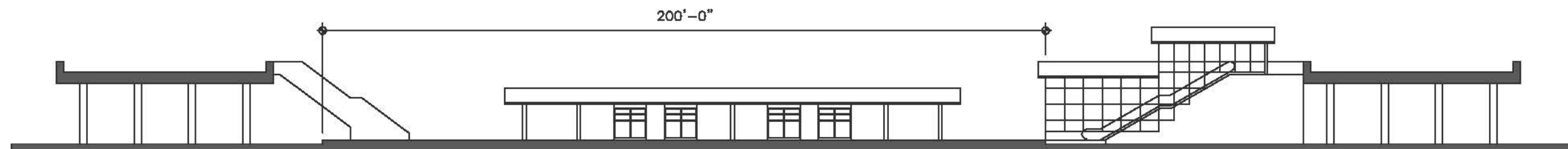
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PLAN & TYPICAL SECTION  
LRT SIDE PLATFORM STATION

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OF  
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LRT OPEN CUT PLATFORM  
PLAN SECTION



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LRT OPEN CUT SECTION  
TYPICAL SECTION

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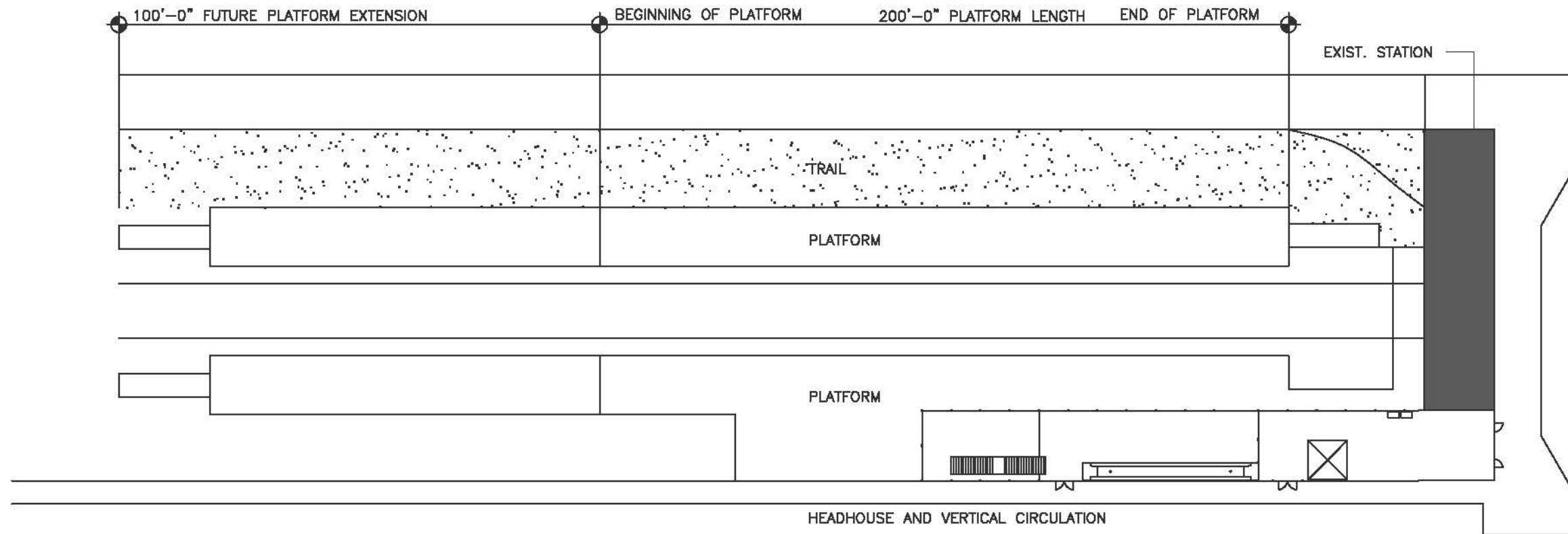
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**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**

PLAN & TYPICAL SECTION  
LRT OPEN CUT STATION

**SHEET  
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OF  
13**





LRT UPTOWN SIDE PLATFORM  
PLAN SECTION

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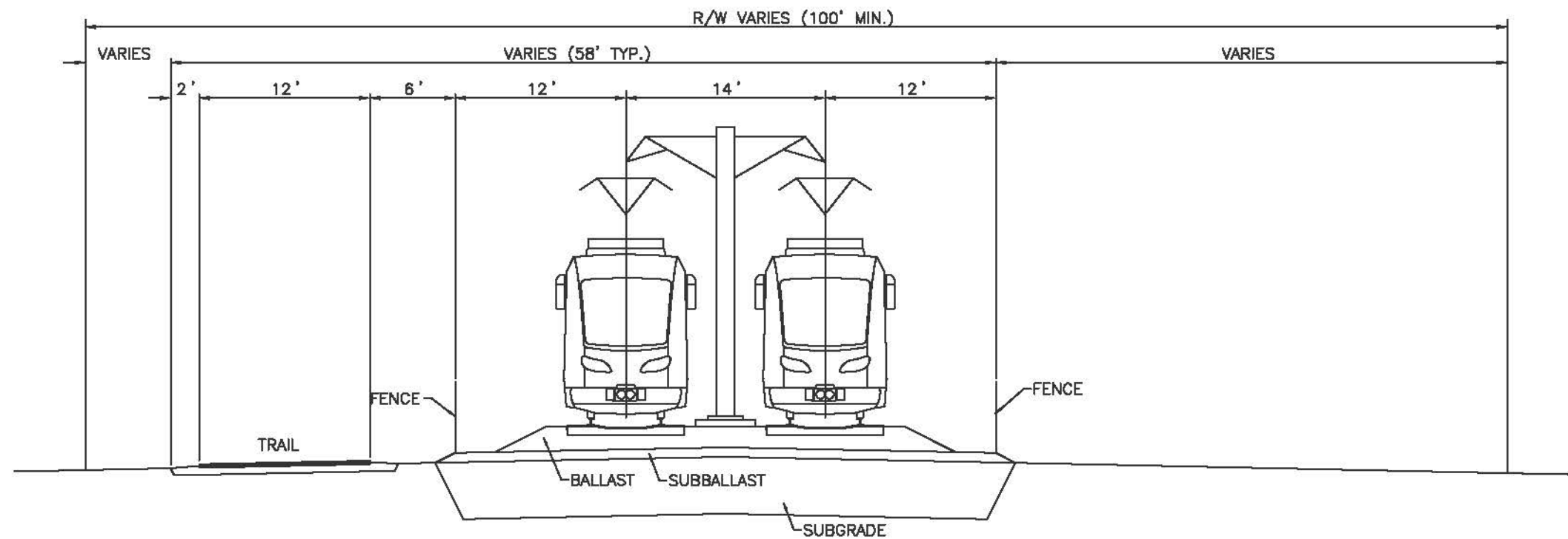
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 PLAN  
 LRT UPTOWN STATION

**SHEET  
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OF  
13**



LRT GUIDEWAY - 100' MIN. R/W AT-GRADE  
TYPICAL SECTION

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HDR ENGINEERING, INC.

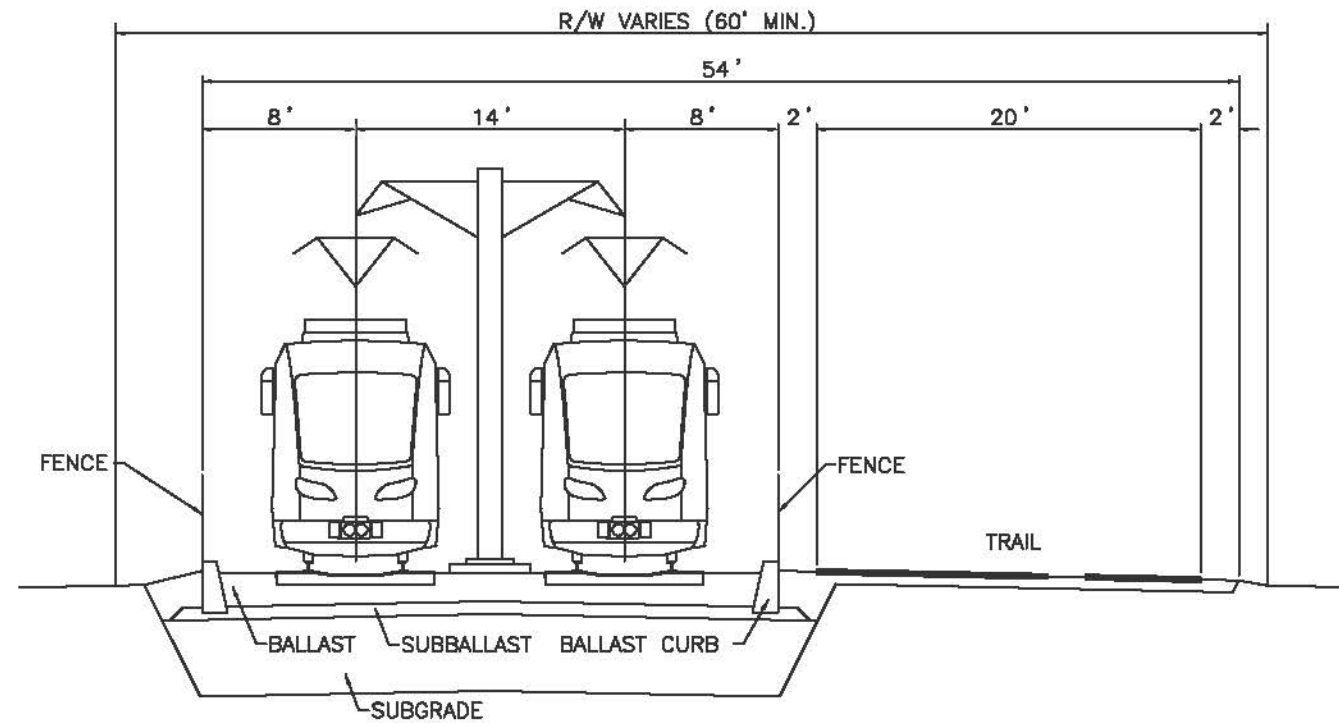


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TYPICAL SECTIONS  
LRT GUIDEWAY - 100' R/W AT-GRADE

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LRT GUIDEWAY - 60' MIN. R/W AT-GRADE  
TYPICAL SECTION

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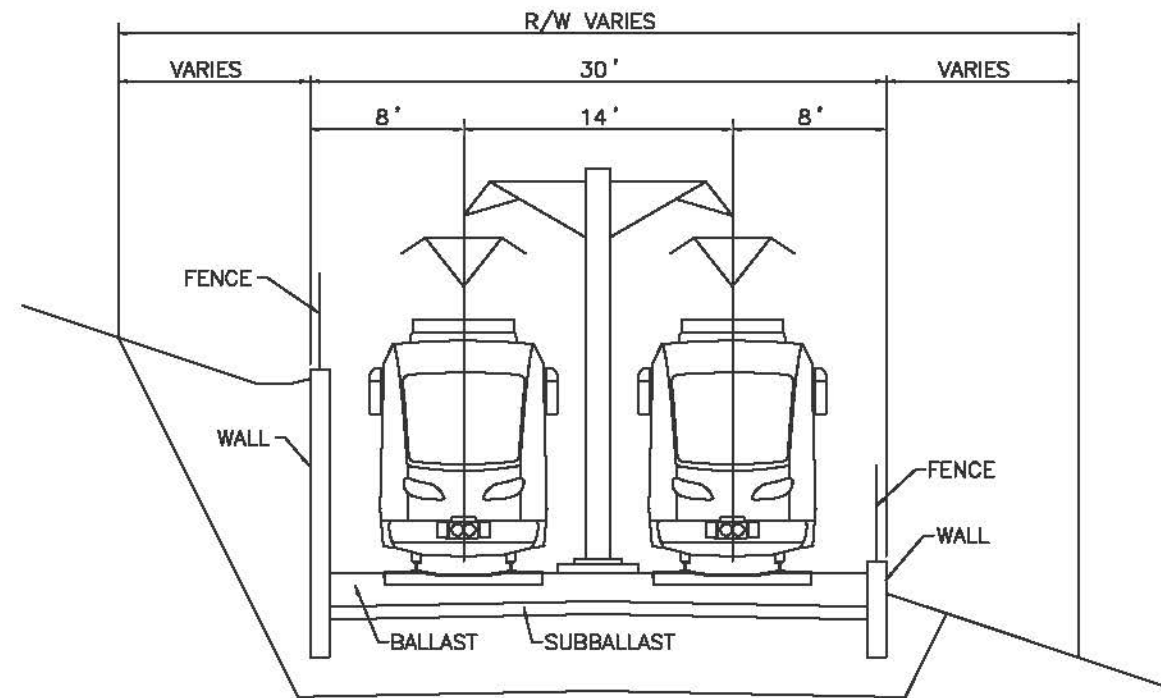
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TYPICAL SECTIONS  
LRT GUIDEWAY - 60' R/W AT-GRADE

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LRT GUIDEWAY – RETAINED CUT & FILL  
TYPICAL SECTION

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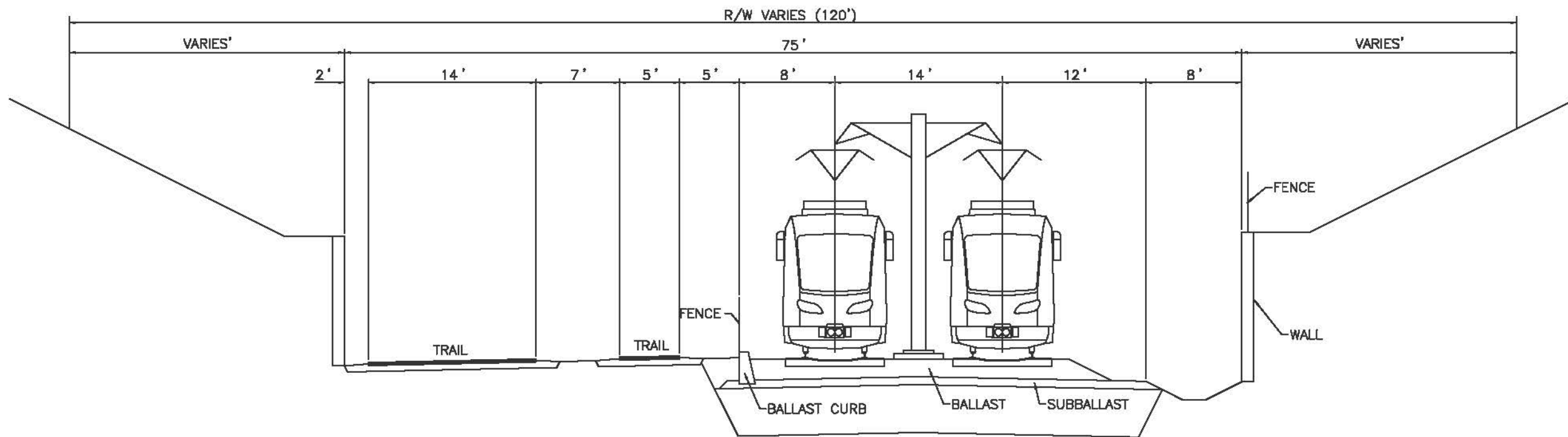
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TYPICAL SECTIONS  
LRT GUIDEWAY – RETAINED CUT & FILL

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LRT GUIDEWAY - OPEN CUT  
TYPICAL SECTION

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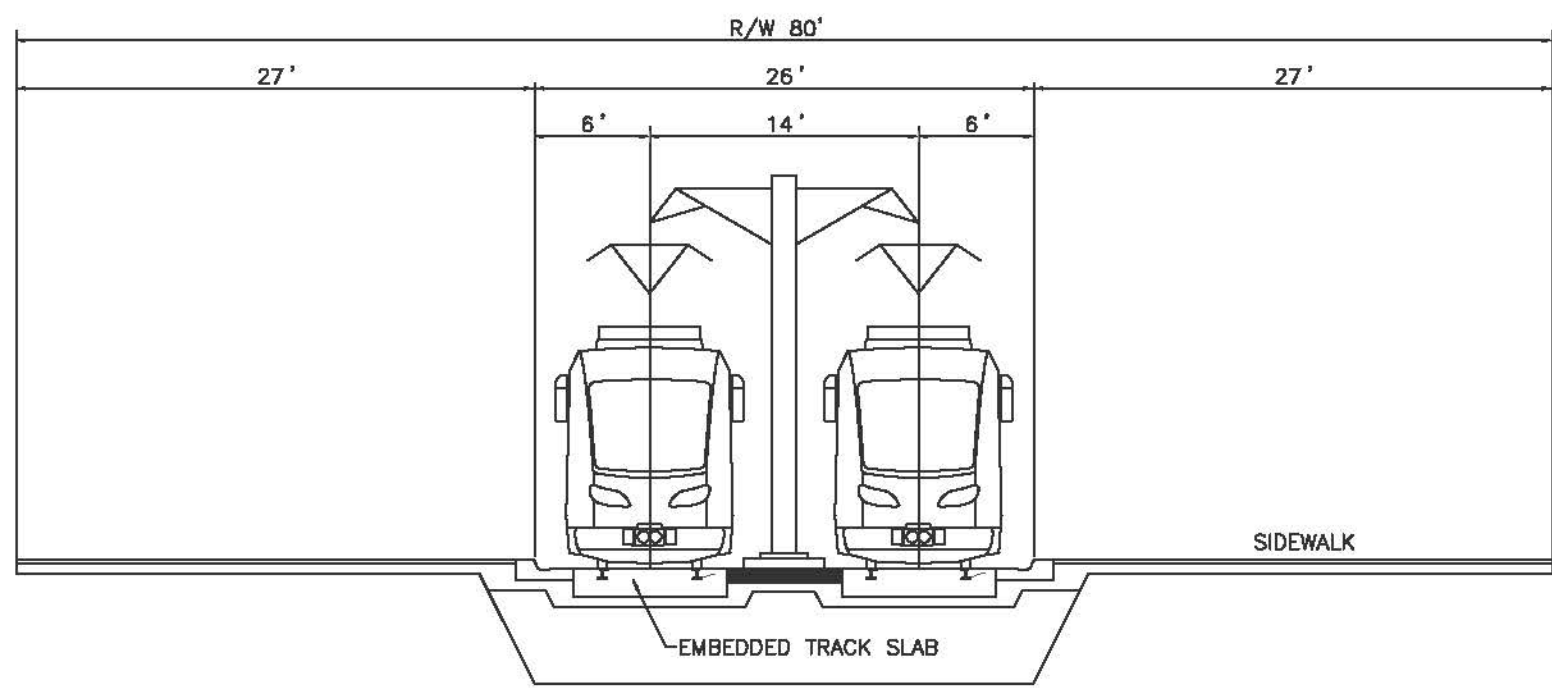


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TYPICAL SECTIONS  
LRT GUIDEWAY - OPEN CUT

**SHEET  
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LRT GUIDEWAY — EMBEDDED TRACK  
TYPICAL SECTION

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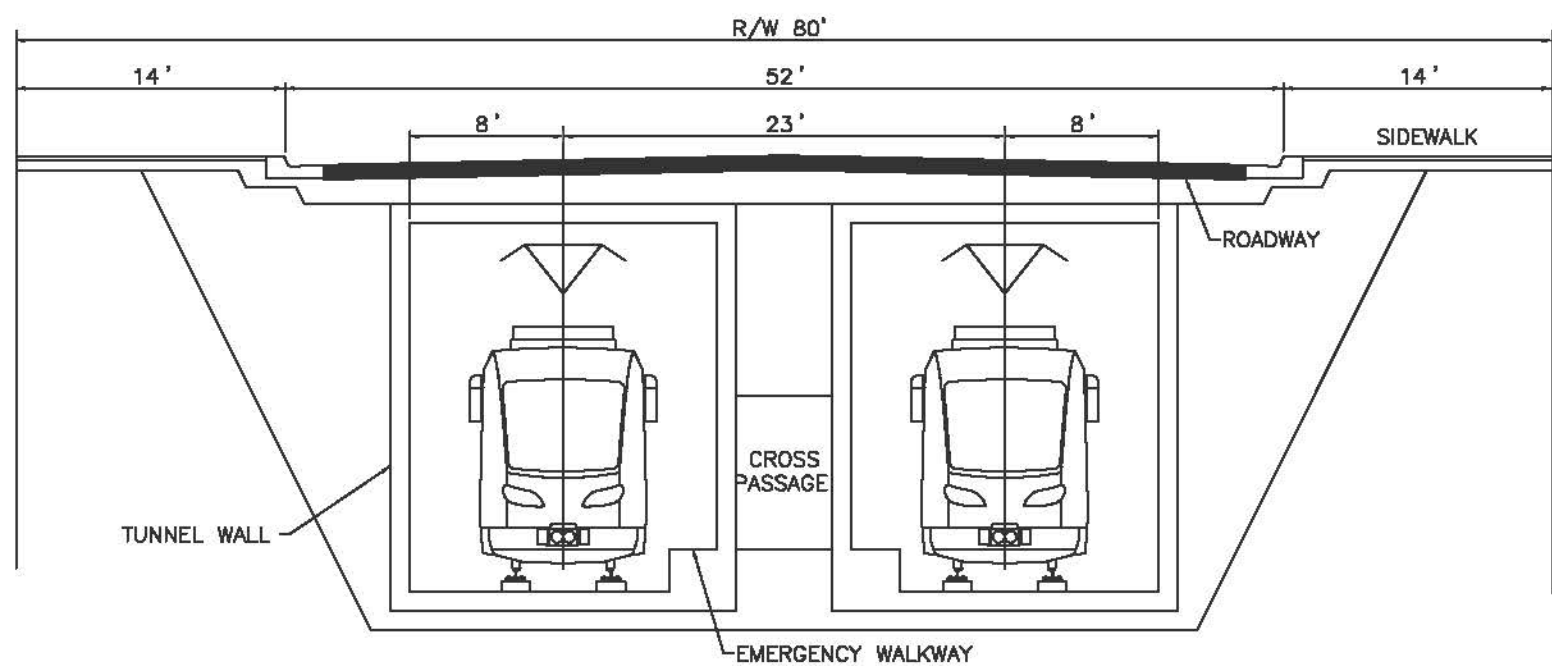
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TYPICAL SECTIONS  
LRT GUIDEWAY — EMBEDDED TRACK

**SHEET  
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OF  
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LRT GUIDEWAY - CUT & COVER TUNNEL  
TYPICAL SECTION

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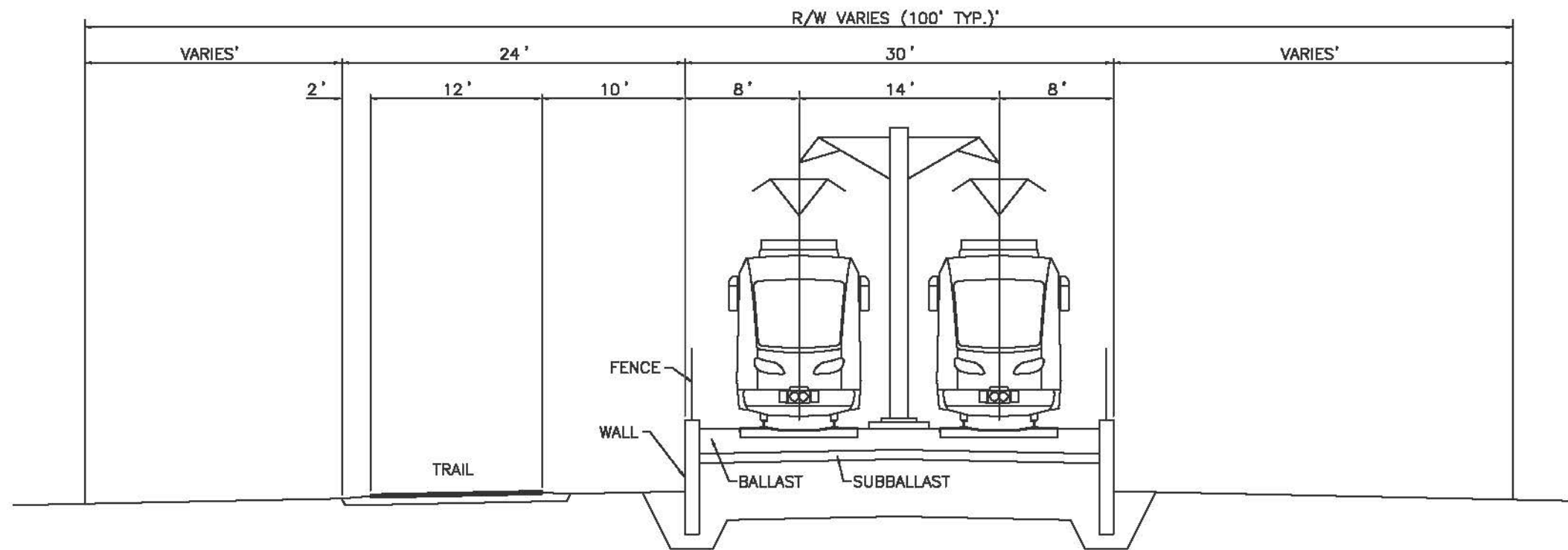
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TYPICAL SECTIONS  
LRT GUIDEWAY - CUT & COVER TUNNEL

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LRT GUIDEWAY – RETAINED FILL  
TYPICAL SECTION

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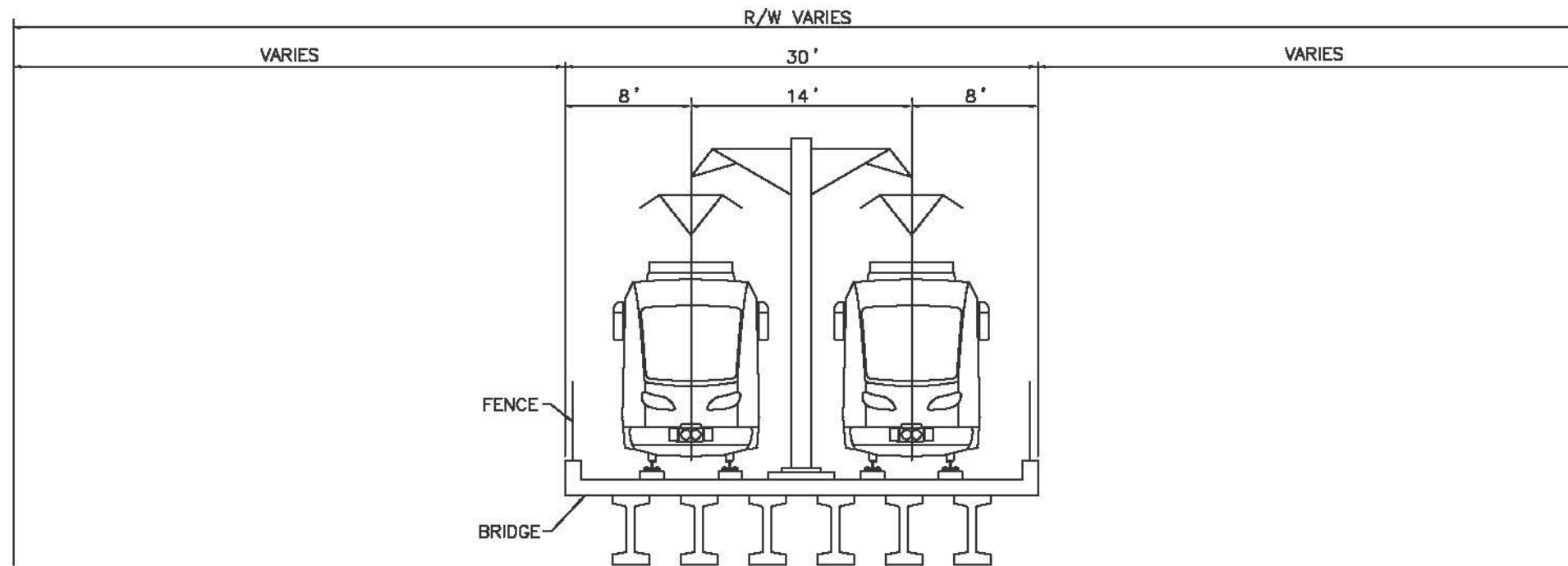


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TYPICAL SECTIONS  
LRT GUIDEWAY – RETAINED FILL

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LRT GUIDEWAY — AERIAL STRUCTURE  
TYPICAL SECTION

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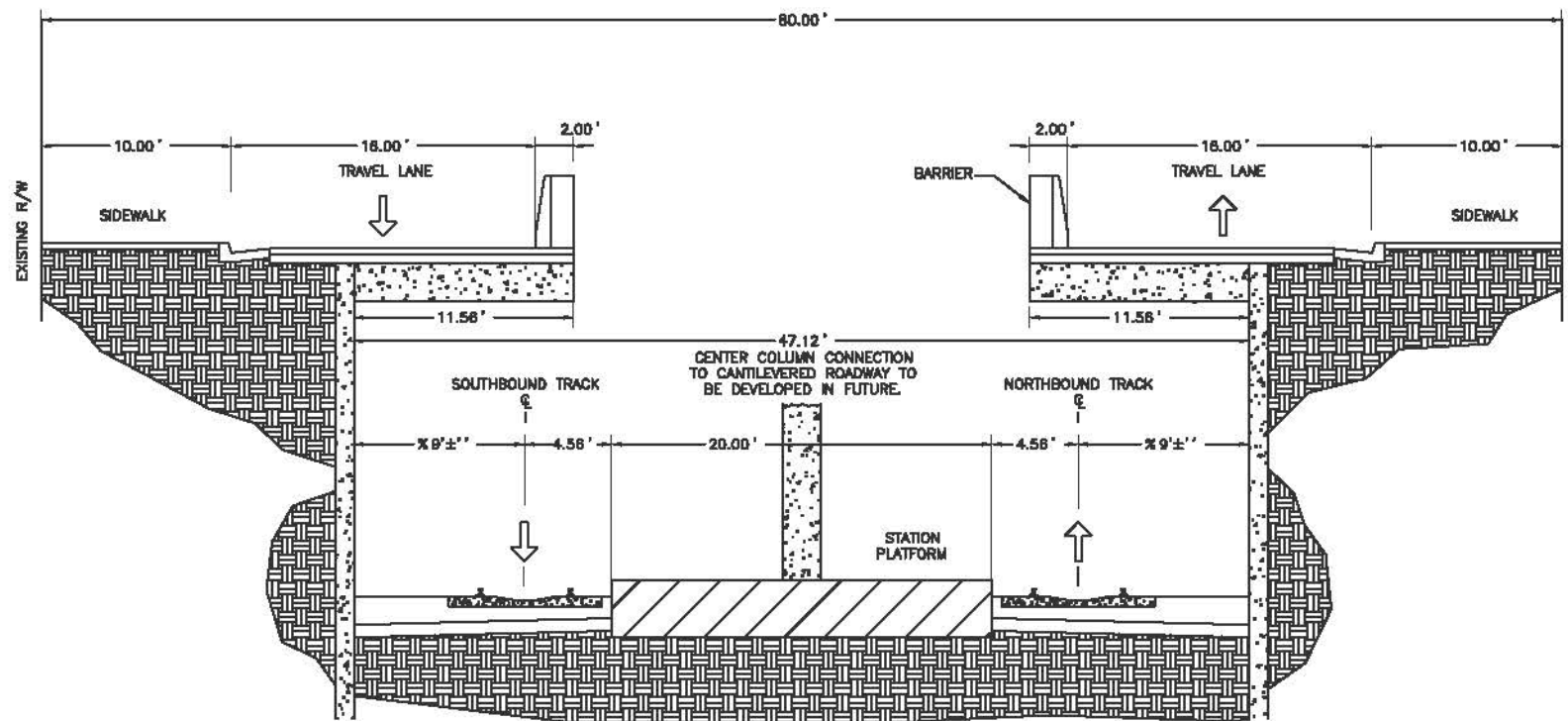


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TYPICAL SECTIONS  
LRT GUIDEWAY — AERIAL STRUCTURE

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OF  
13**



LRT GUIDEWAY – CANTILEVER STRUCTURE  
TYPICAL SECTION

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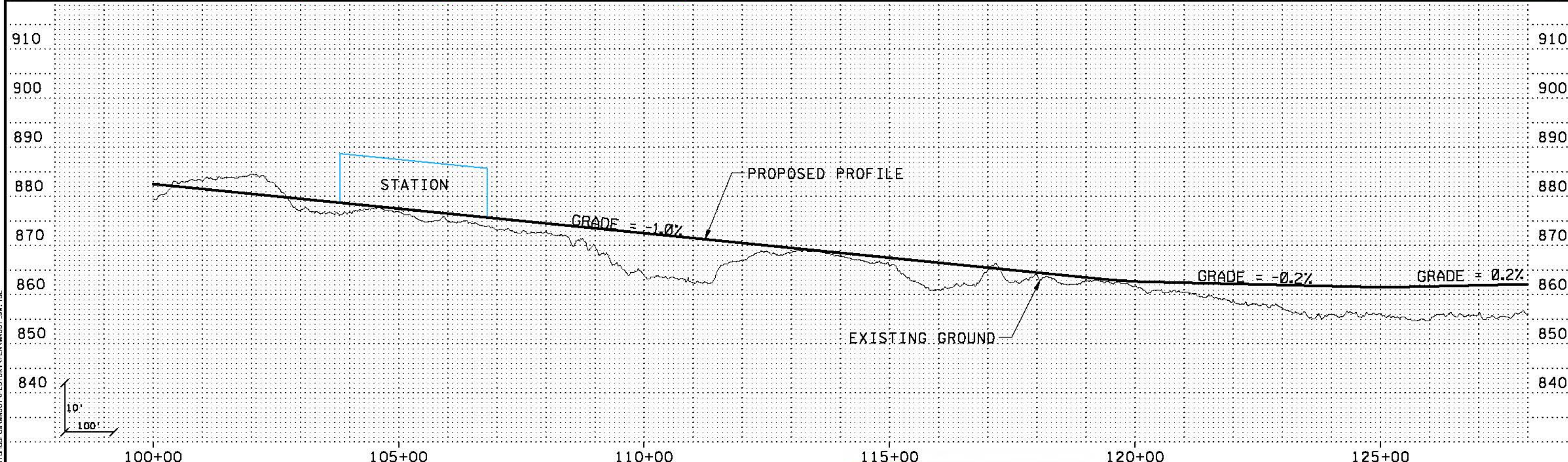
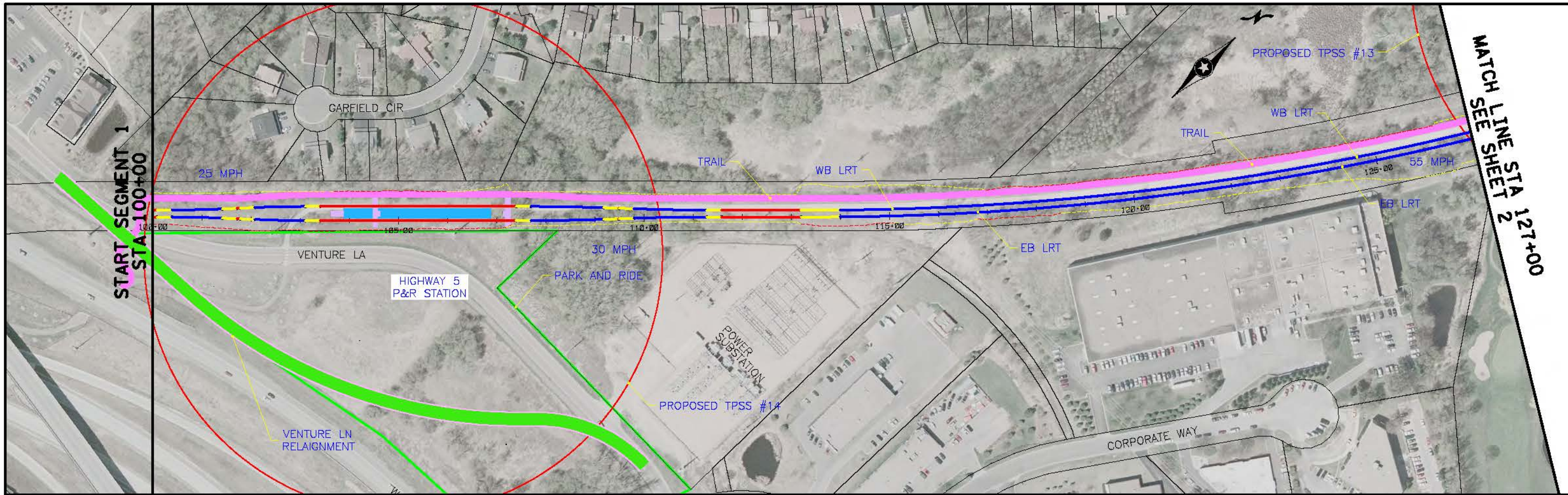
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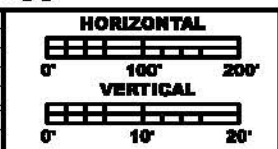
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 13  
 OF  
 13



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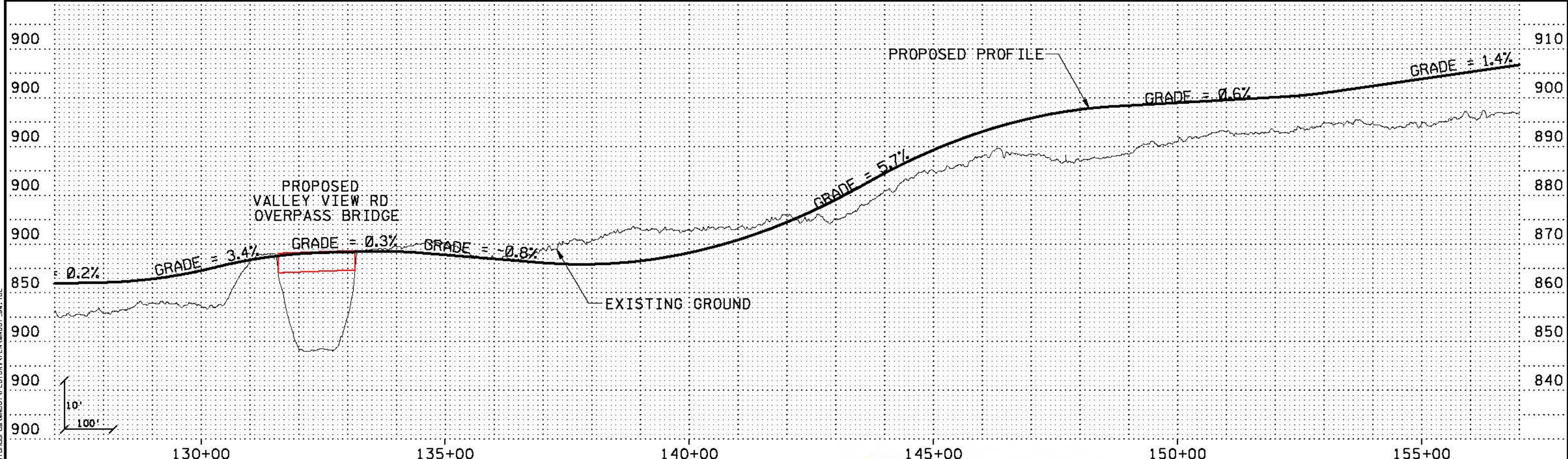
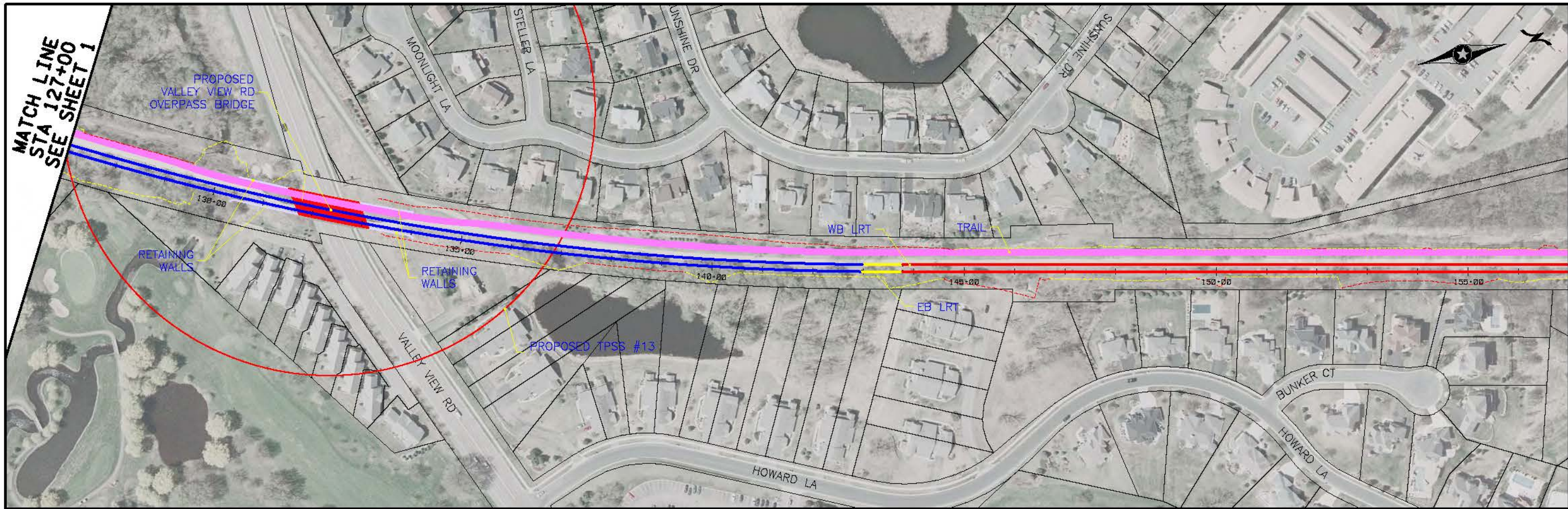


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**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**

LRT ALTERNATIVE SEGMENT 1  
PLAN AND PROFILE  
STA: 100+00 - 127+00

**SHEET  
1  
OF  
9**



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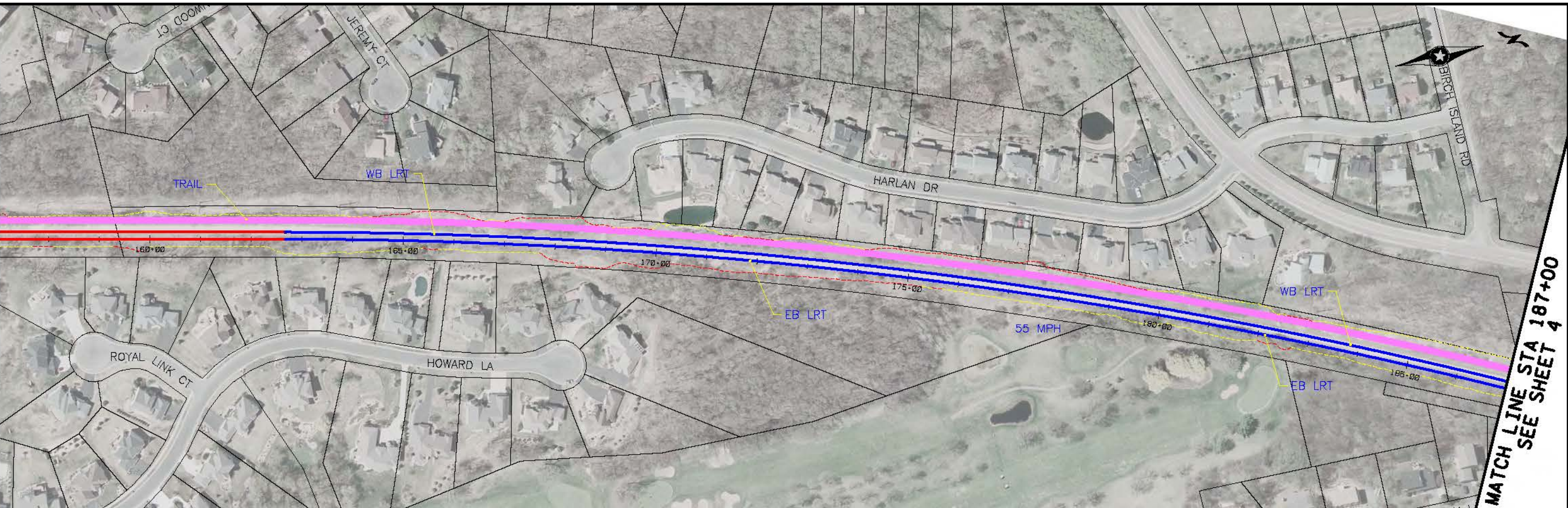


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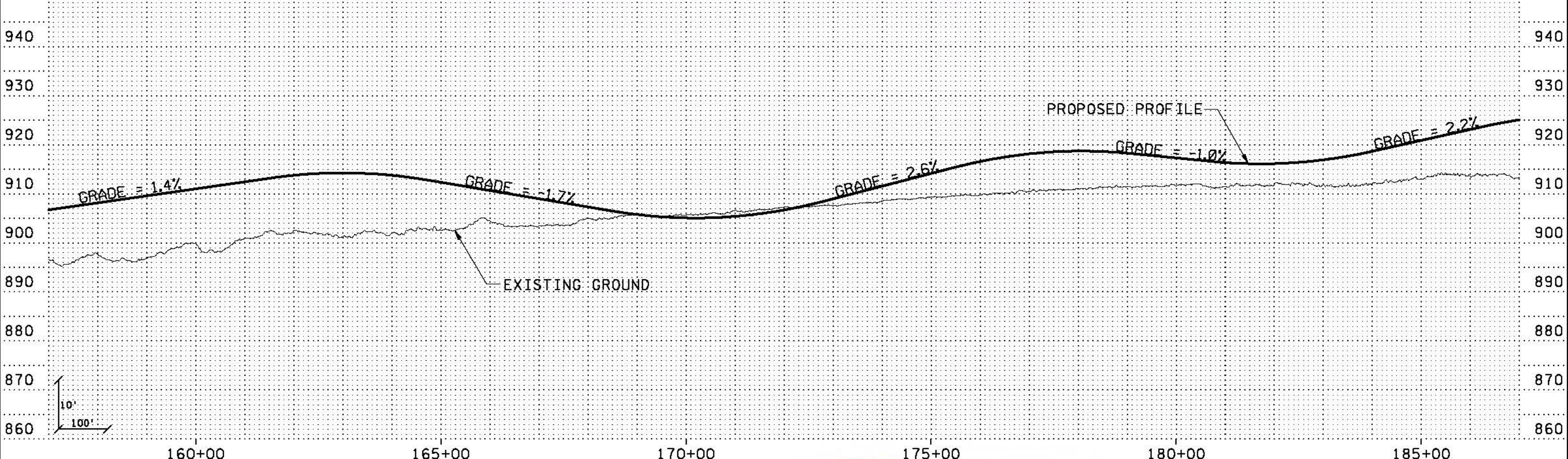
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 LRT ALTERNATIVE SEGMENT 1  
 PLAN AND PROFILE  
 STA: 127+00 - 157+00

**SHEET  
2  
OF  
9**

MATCH LINE STA 157+00  
SEE SHEET 2

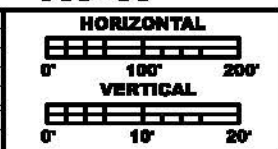


MATCH LINE STA 187+00  
SEE SHEET 4



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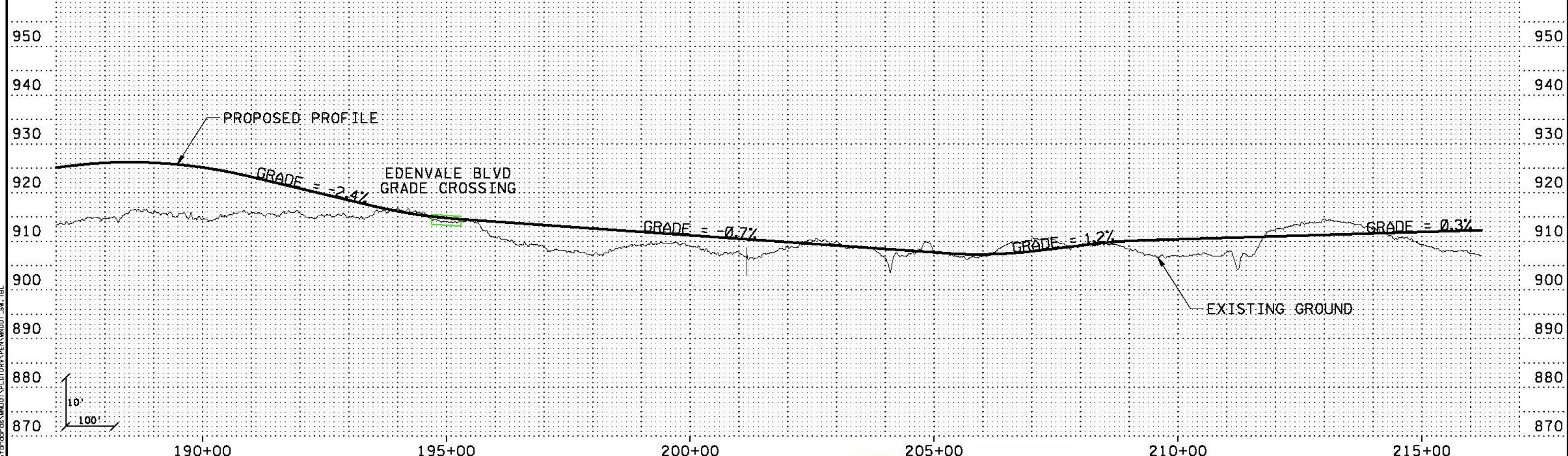
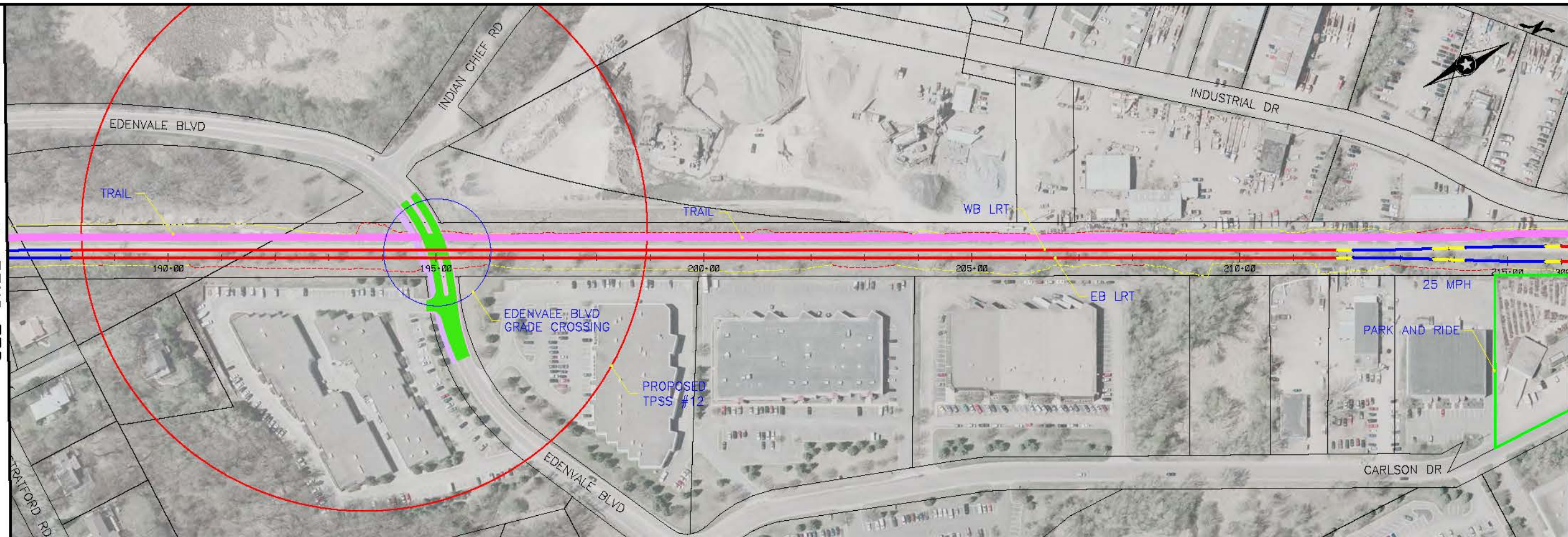
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 PLAN AND PROFILE  
 STA: 157+00 - 187+00

**SHEET  
3  
OF  
9**

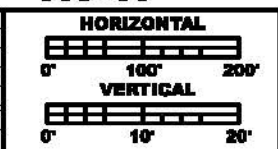
MATCH LINE STA 187+00  
SEE SHEET 3

MATCH LINE STA 216+19 = STA 300+00  
SEE SHEET 5



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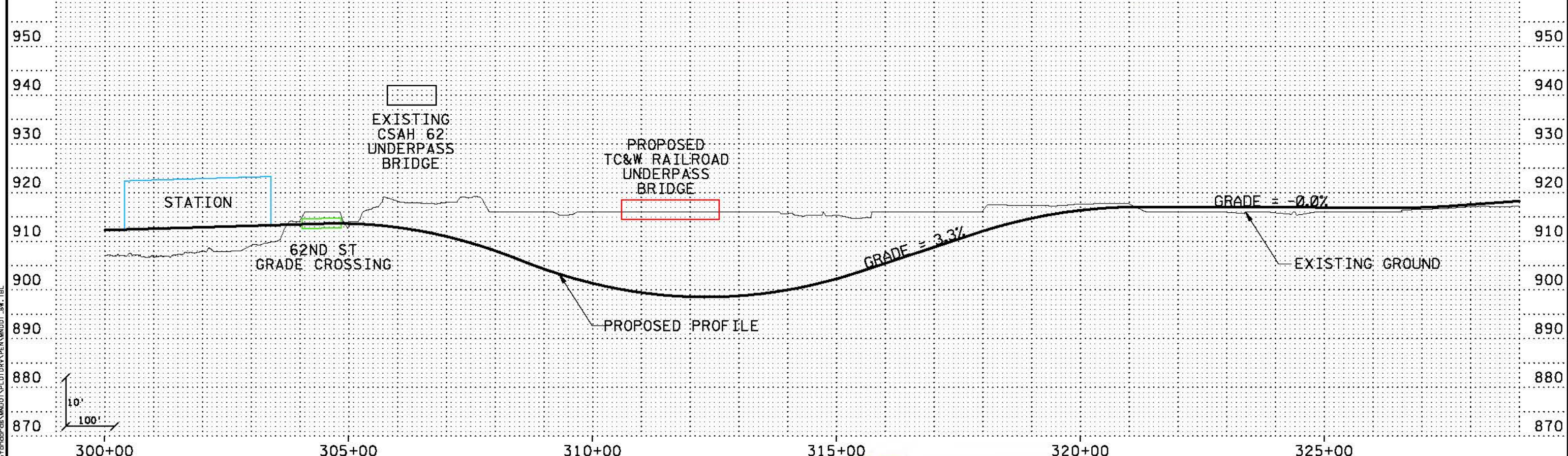
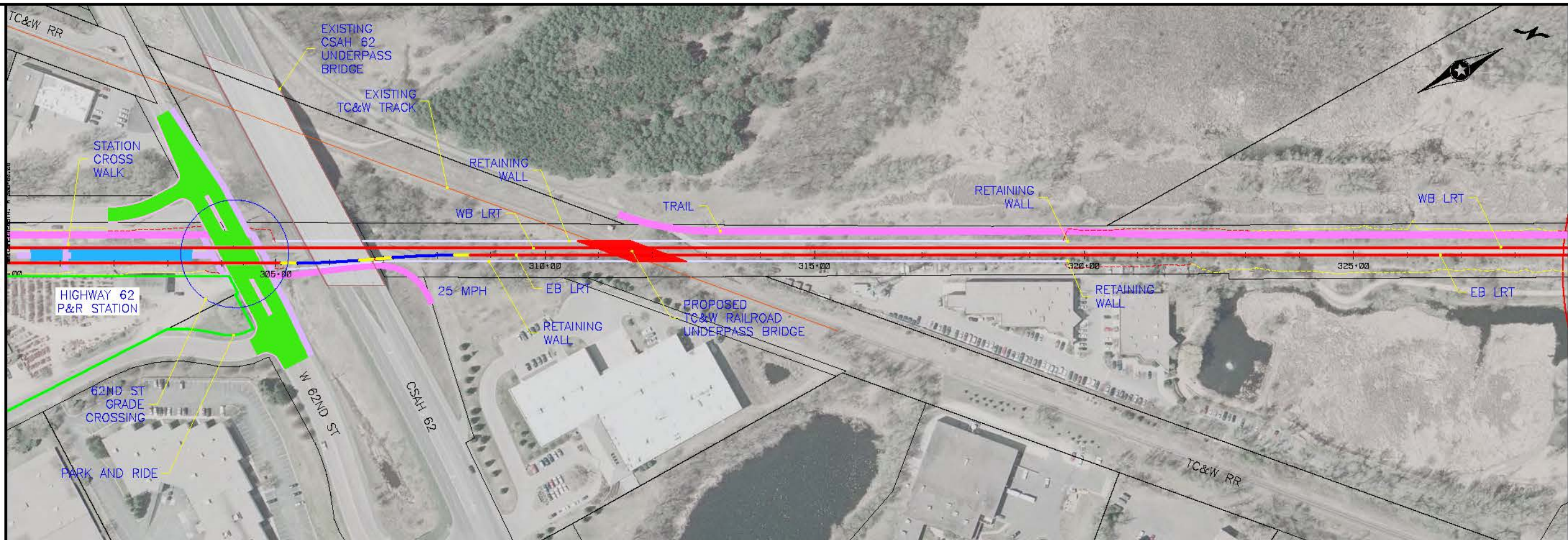
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 PLAN AND PROFILE  
 STA: 187+00 - 216+19

**SHEET  
4  
OF  
9**

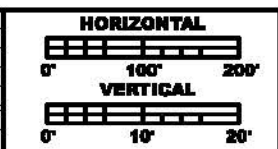
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SEE SHEET 4

MATCH LINE STA 329+00  
SEE SHEET 6



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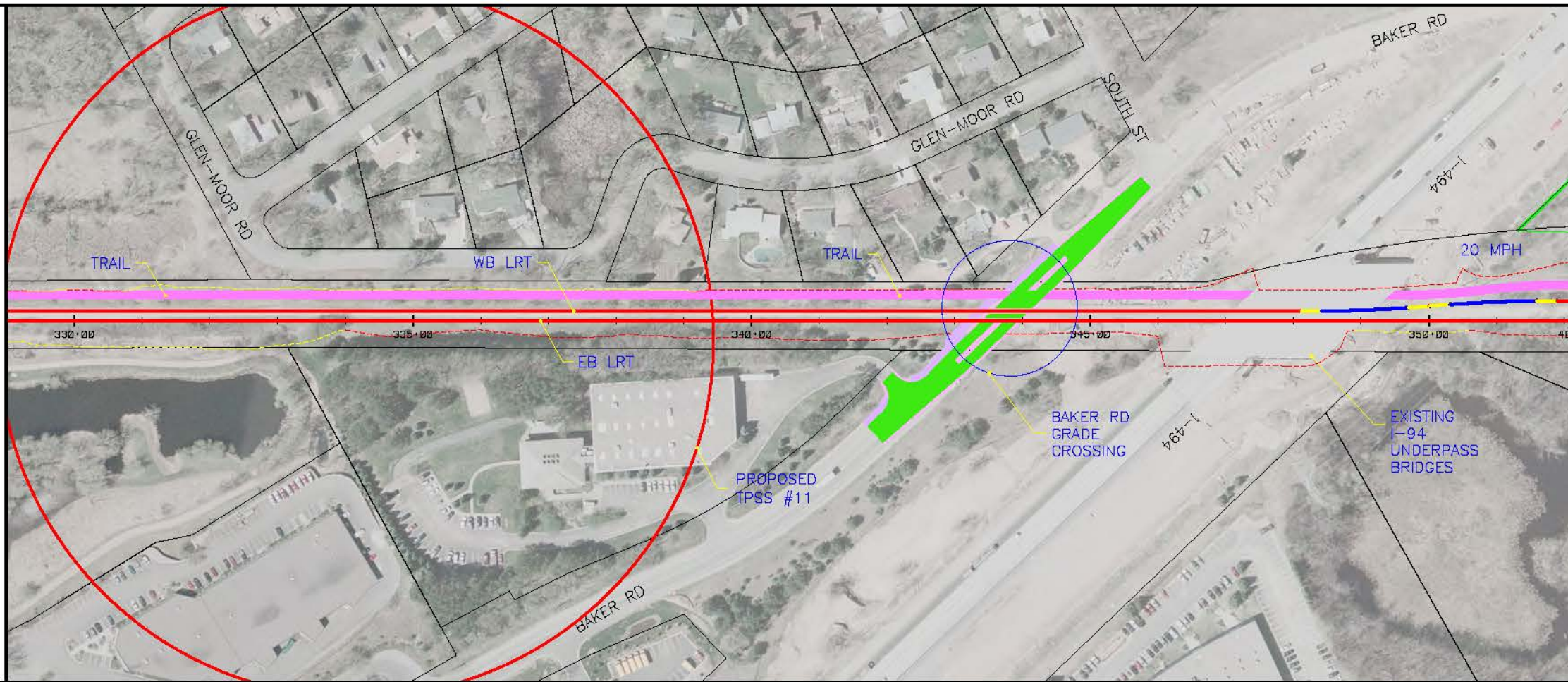


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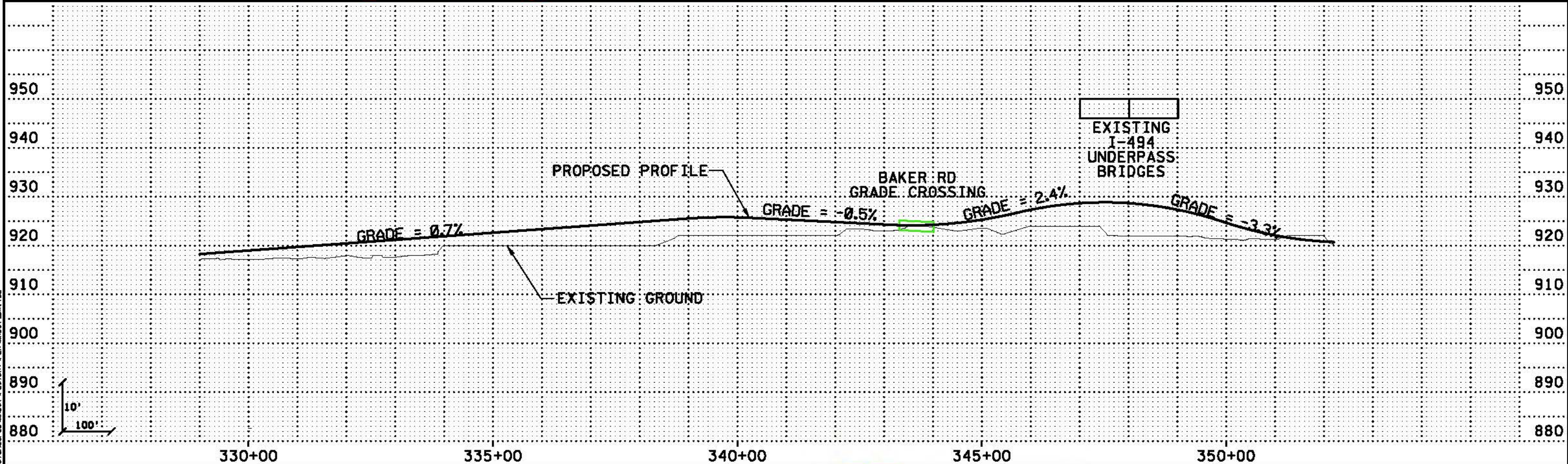
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 LRT ALTERNATIVE SEGMENT 1  
 PLAN AND PROFILE  
 STA: 300+00 - 329+00

**SHEET  
5  
OF  
9**

MATCH LINE STA 329+00  
SEE SHEET 5

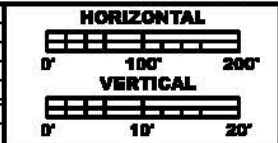


MATCH LINE STA 352+20 = STA 400+00  
SEE SHEET 7



8/17/2010  
 9:50:43 AM  
 ...\\SWT\_HDR\_K5\_LRT\_1\_sht06\_031010.dgn

NO	DATE	BY	CKD	APPR	REVISION



**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**



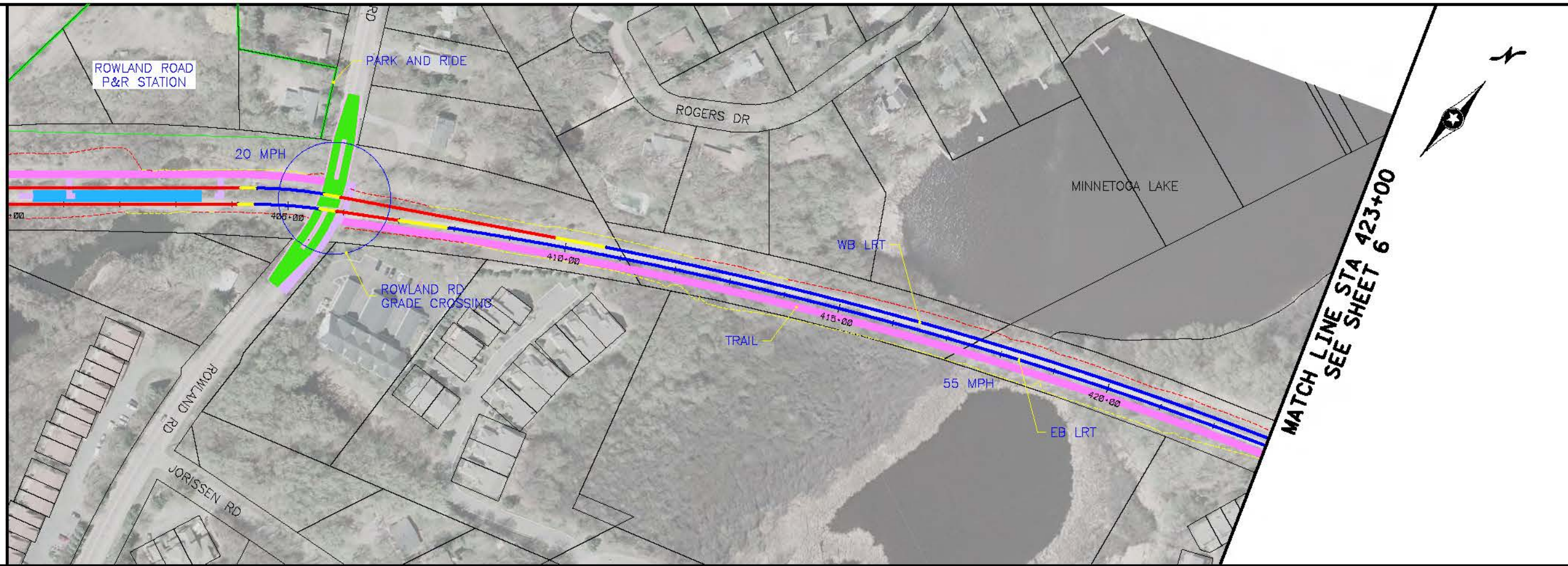
DRAWN BY  
DESIGNED BY  
CHECKED BY  
COMM. NO.

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
**LRT ALTERNATIVE SEGMENT 1**  
**PLAN AND PROFILE**  
**STA: 329+00 - 352+20**

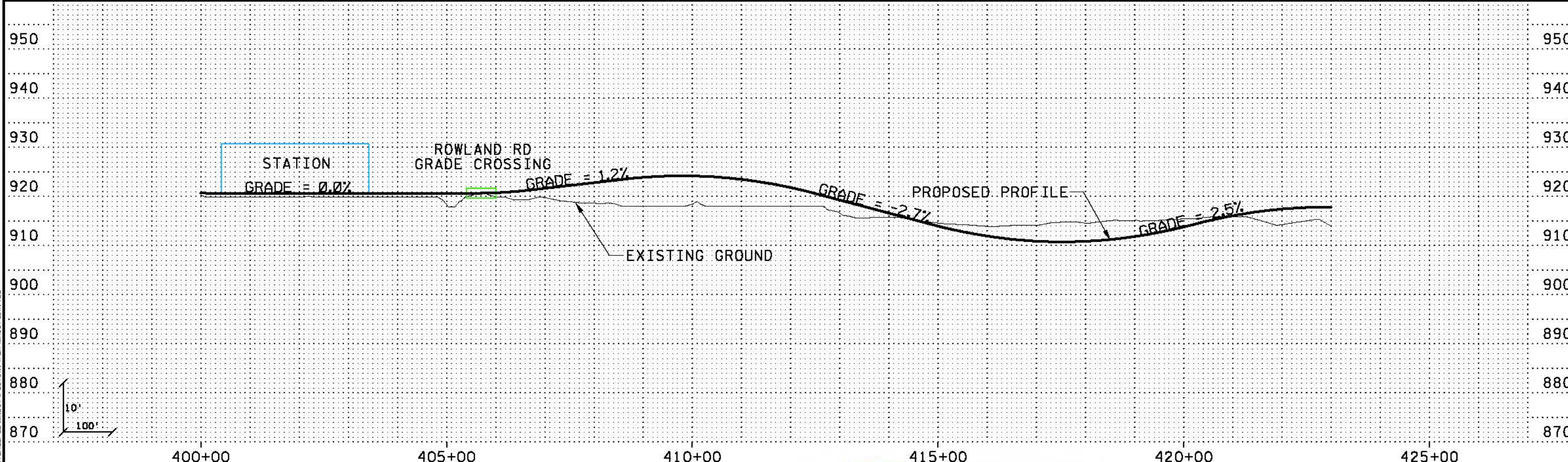
**SHEET  
6  
OF  
9**



MATCH LINE STA 400+00 = STA 352+20  
SEE SHEET 6

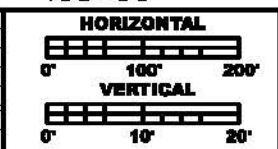


MATCH LINE STA 423+00  
SEE SHEET 6



Kschuliz  
 10:00:05 AM  
 5/17/2010  
 \\pdx-srv3\projects\1031010\1031010.dgn

NO	DATE	BY	CHKD	APPR	REVISION



**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**



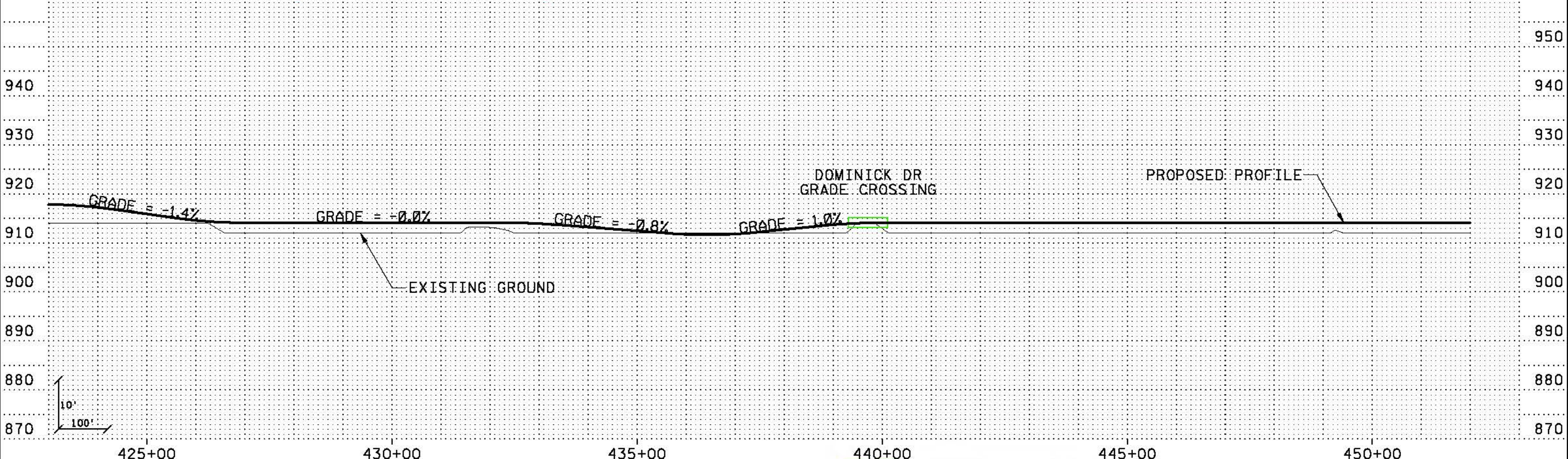
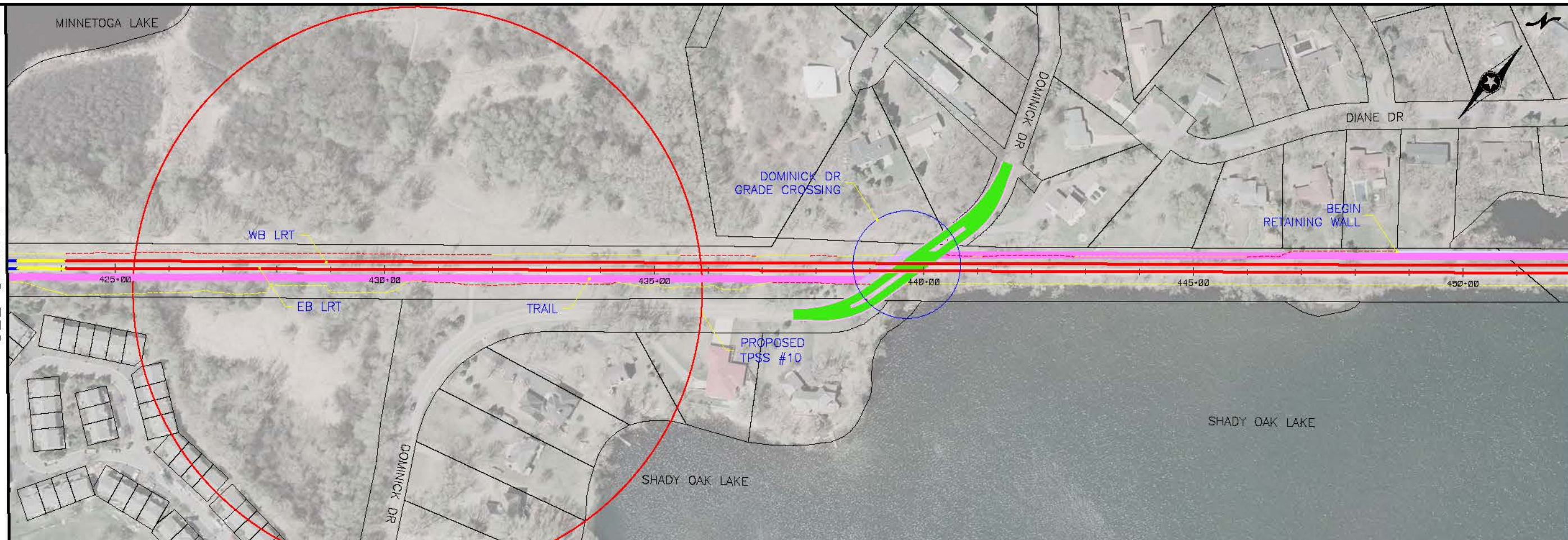
DRAWN BY	
DESIGNED BY	
CHECKED BY	
COMM. NO.	

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT 1  
 PLAN AND PROFILE  
 STA: 400+00 - 423+00

**SHEET  
7  
OF  
9**

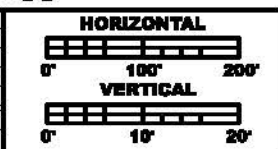
MATCH LINE STA 423+00  
SEE SHEET 7

MATCH LINE STA 452+00  
SEE SHEET 9



10:25:44 AM  
 5/17/2010  
 \\PDK-SRVS-NECC\GIS\margot\PROJECTS\SWT\PLANS\SWT\_HDR\_K5\_LRT\_1\_bht08\_031010.dgn

NO	DATE	BY	CHKD	APPR	REVISION



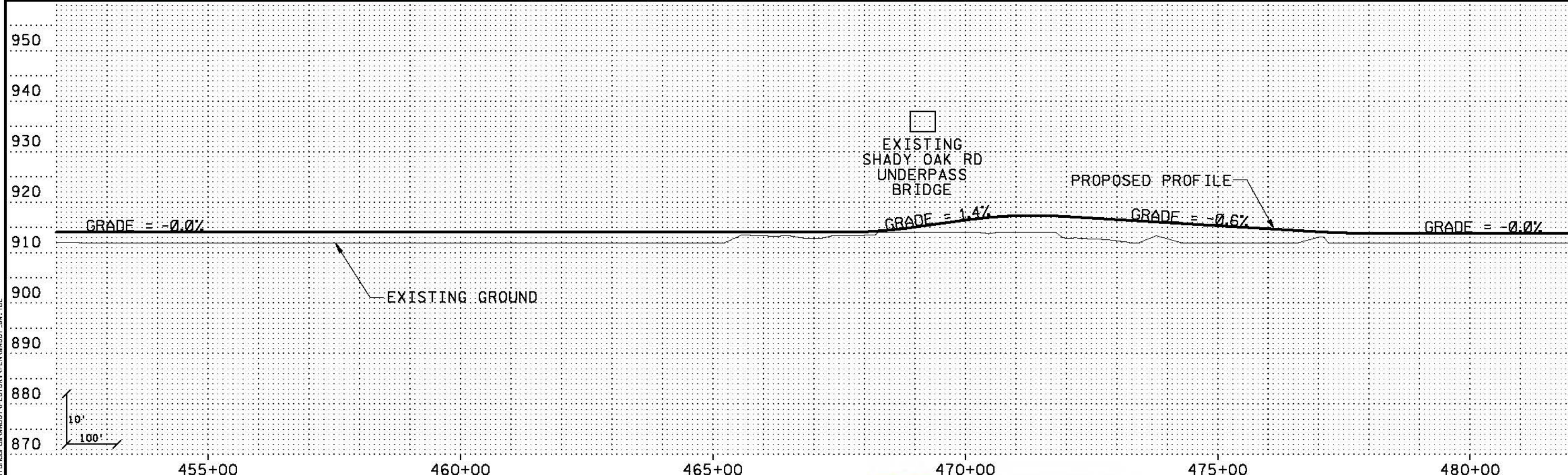
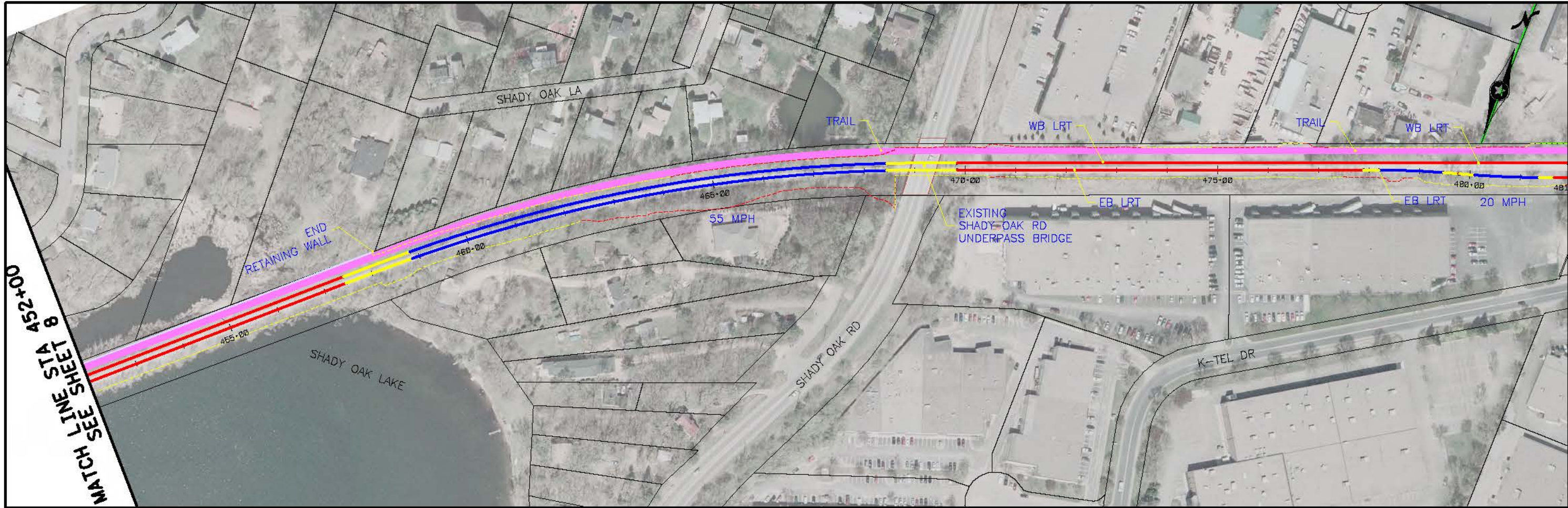
**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**



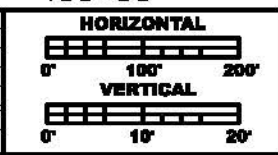
DRAWN BY
DESIGNED BY
CHECKED BY
COMM. NO.

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT 1  
 PLAN AND PROFILE  
 STA: 423+00 - 452+00

**SHEET  
8  
OF  
9**



NO	DATE	BY	CHKD	APPR	REVISION



**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**



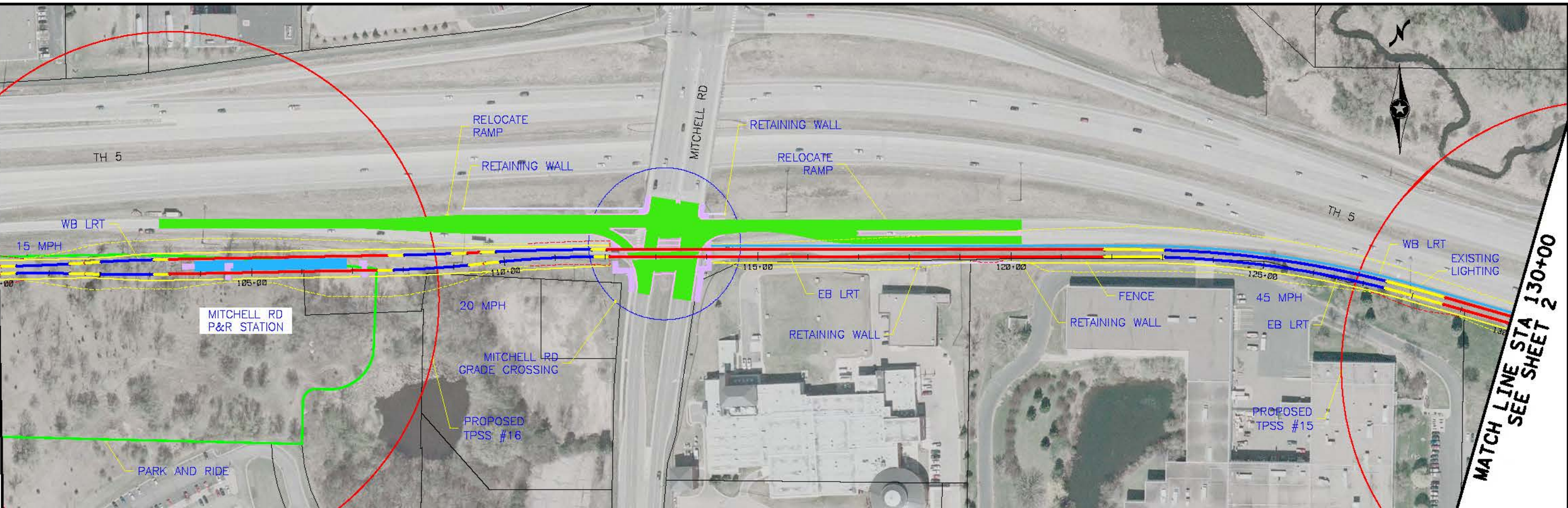
DRAWN BY
DESIGNED BY
CHECKED BY
COMM. NO.

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
LRT ALTERNATIVE SEGMENT 1  
PLAN AND PROFILE  
STA: 452+00 - 481+95.74

**SHEET  
9  
OF  
9**

10:48:27 AM  
 5/17/2010  
 \\\pdx-srv3\necc\cas\1\enr\cas\mkg001\p\031010.dgn

BEGIN SEGMENT LRT 3  
STA. 100+00



MATCH LINE STA 130+00  
SEE SHEET 2



Kschuliz  
 10:57:36 AM  
 5/17/2010  
 \\PDK-SRVS-NECCAS1\Engineering\SWT\PROJECTS\SWT\CONCEPT\PLT\SWT\_HDR\_K5\_LRT\_3\_bht01\_031010.dgn

NO.	DATE	BY	CHKD	APPR	REVISION

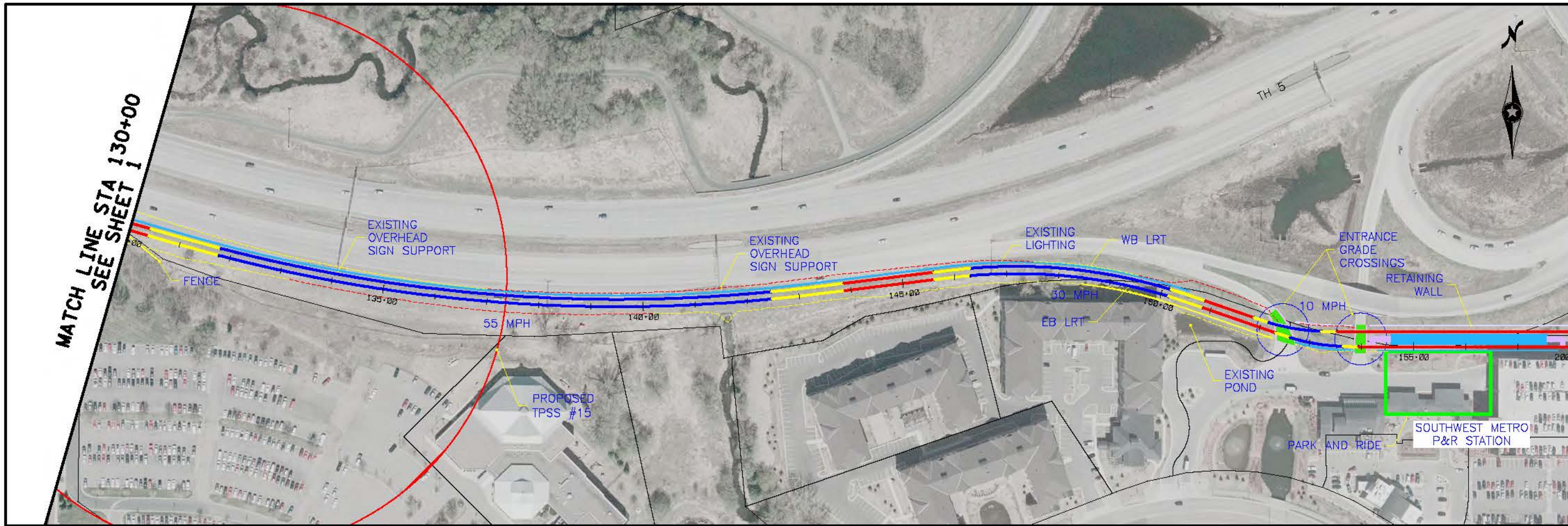


**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**



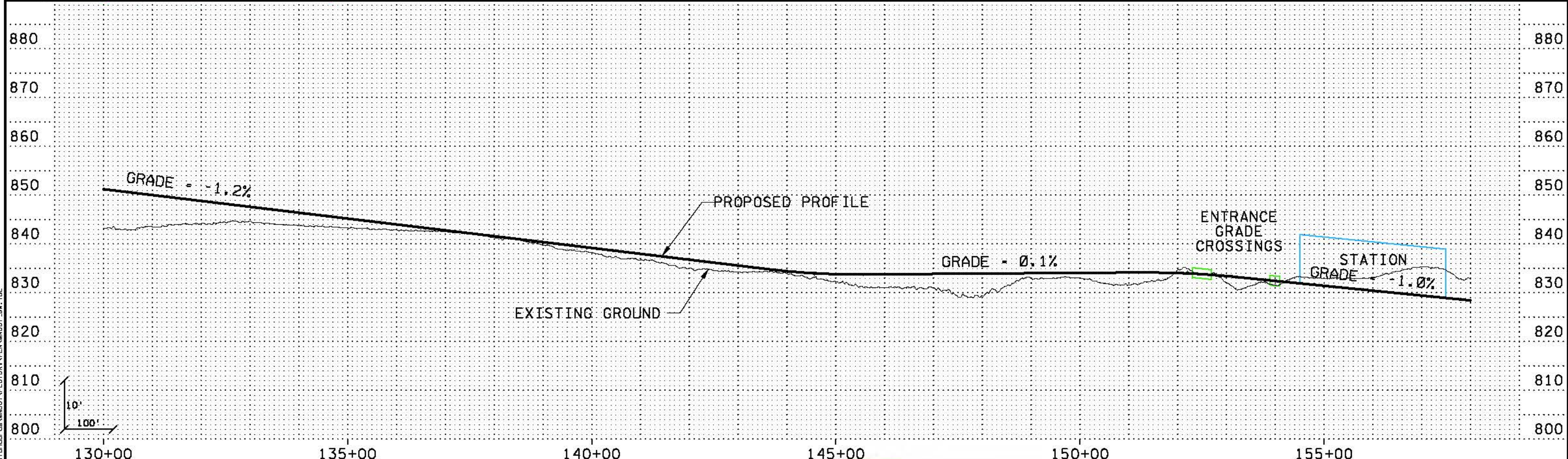
DRAWN BY	
DESIGNED BY	
CHECKED BY	
COMM. NO.	

<b>SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN</b>		<b>SHEET</b>
LRT ALTERNATIVE SEGMENT 3		<b>1</b>
PLAN AND PROFILE		<b>OF</b>
STA: 100+00 - 130+00		<b>15</b>



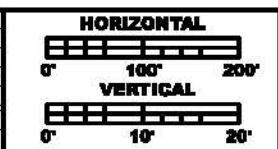
MATCH LINE STA 130+00  
SEE SHEET 1

MATCH LINE STA 158+00 = STA 200+00  
SEE SHEET 3



11:07:02 AM  
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 \\PDK-SRVS-NECC\GIS\PROJECTS\SWT\CONCEPT\PLAN\SWT\_HDR\_K5\_LRT\_3\_bht02\_031010.dgn

NO	DATE	BY	CHKD	APPR	REVISION



**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**

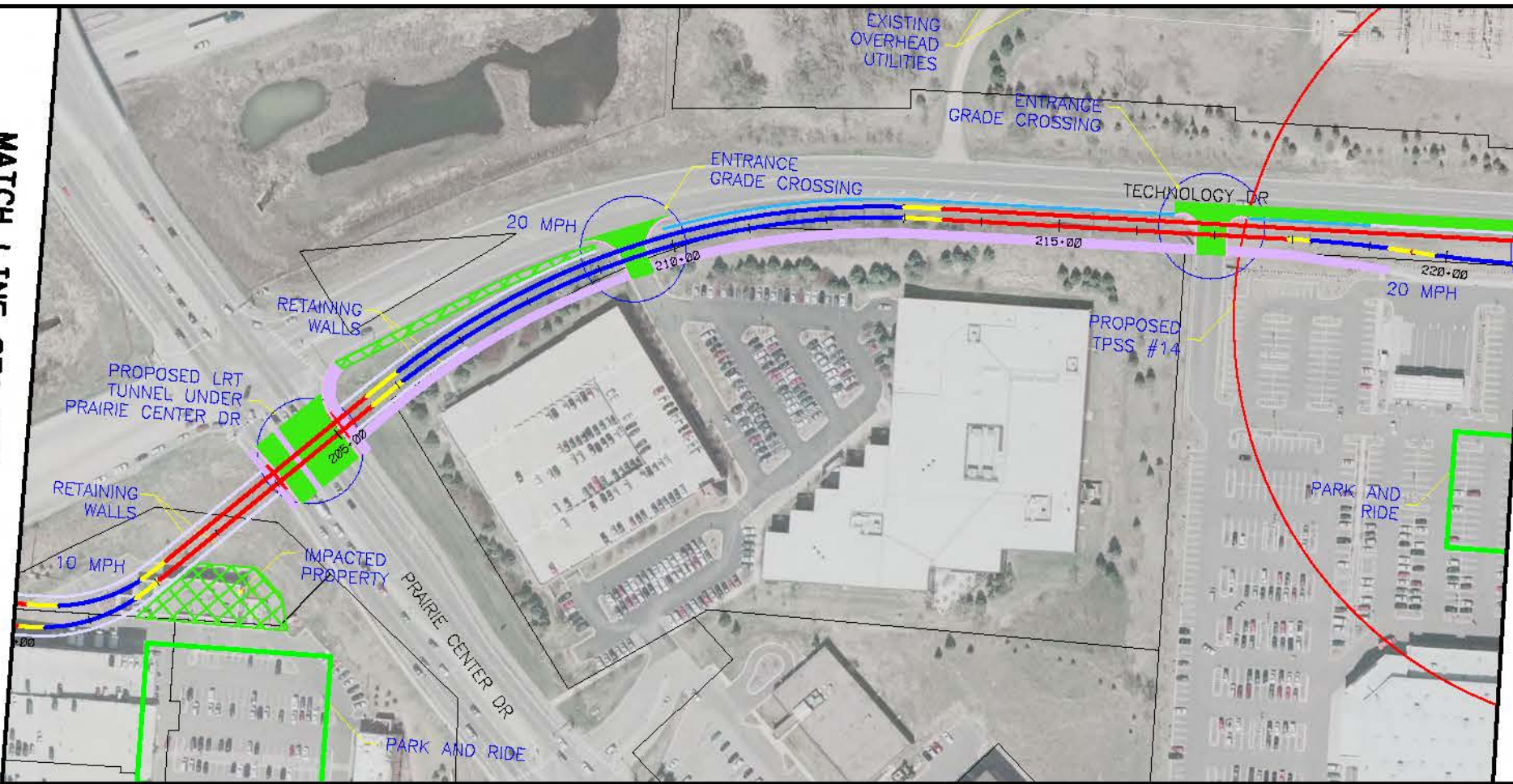


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CHECKED BY	
COMM. NO.	

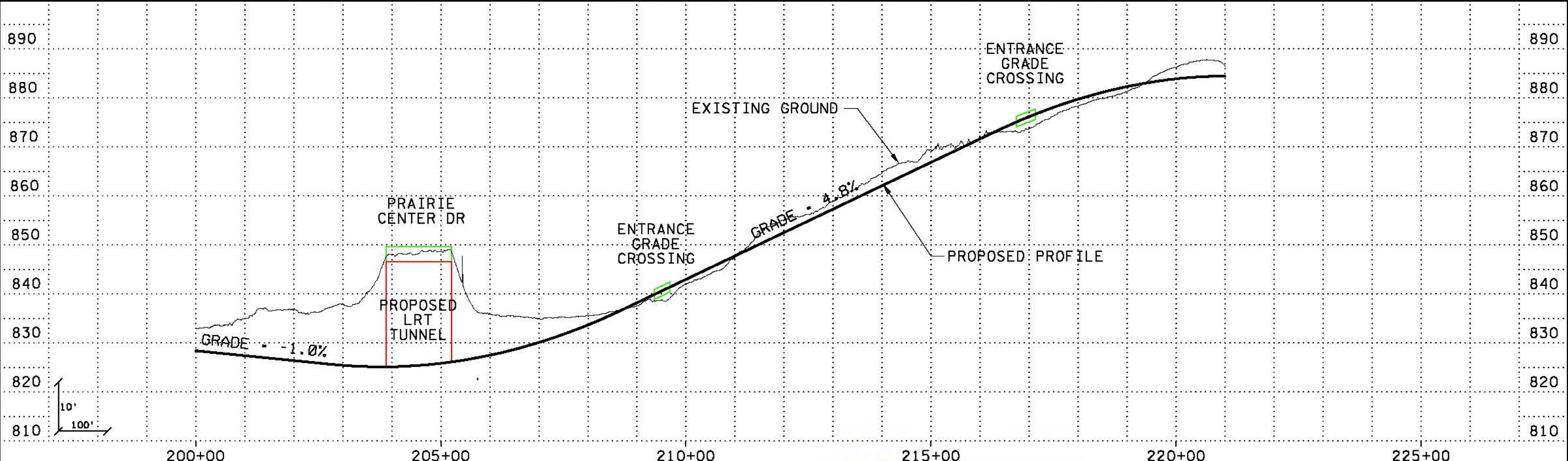
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT 3  
 PLAN AND PROFILE  
 STA: 130+00 - 158+00

**SHEET  
2  
OF  
15**

MATCH LINE STA 200+00 = 158+00  
SEE SHEET 2

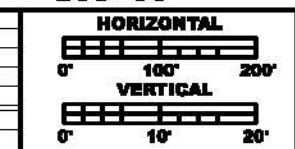


MATCH LINE STA 221+00  
SEE SHEET 4



Kschultz  
 11/18/26 AM  
 5/17/2010  
 \\pdx-srv3\neccca05\pdx\m\001\0101010.dgn

NO	DATE	BY	CHKD	APPR	REVISION



**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**



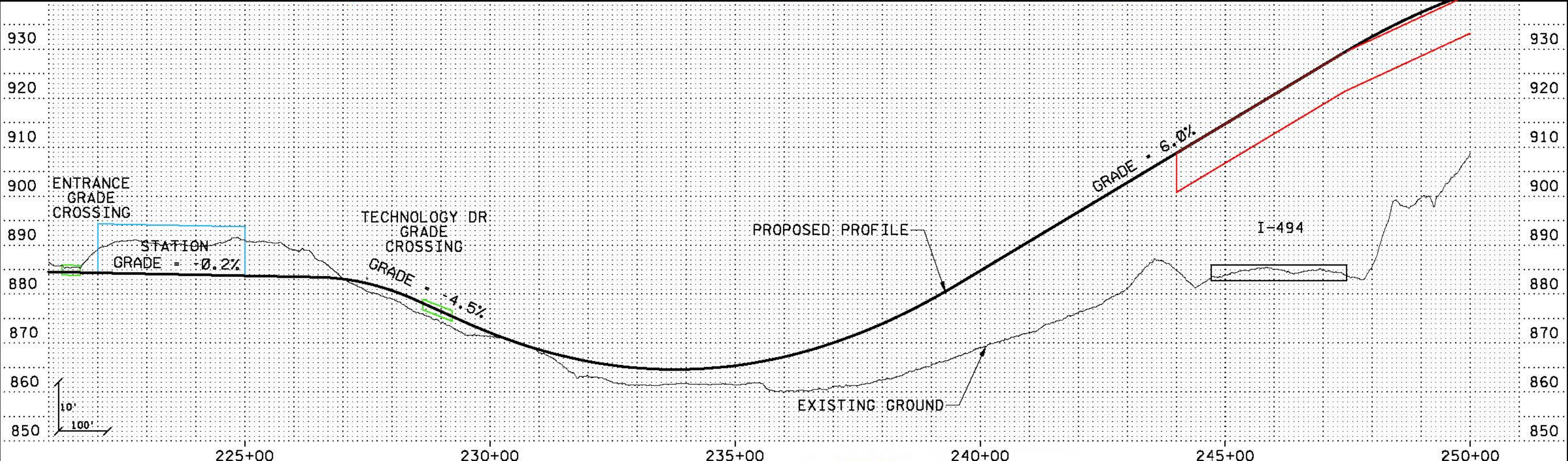
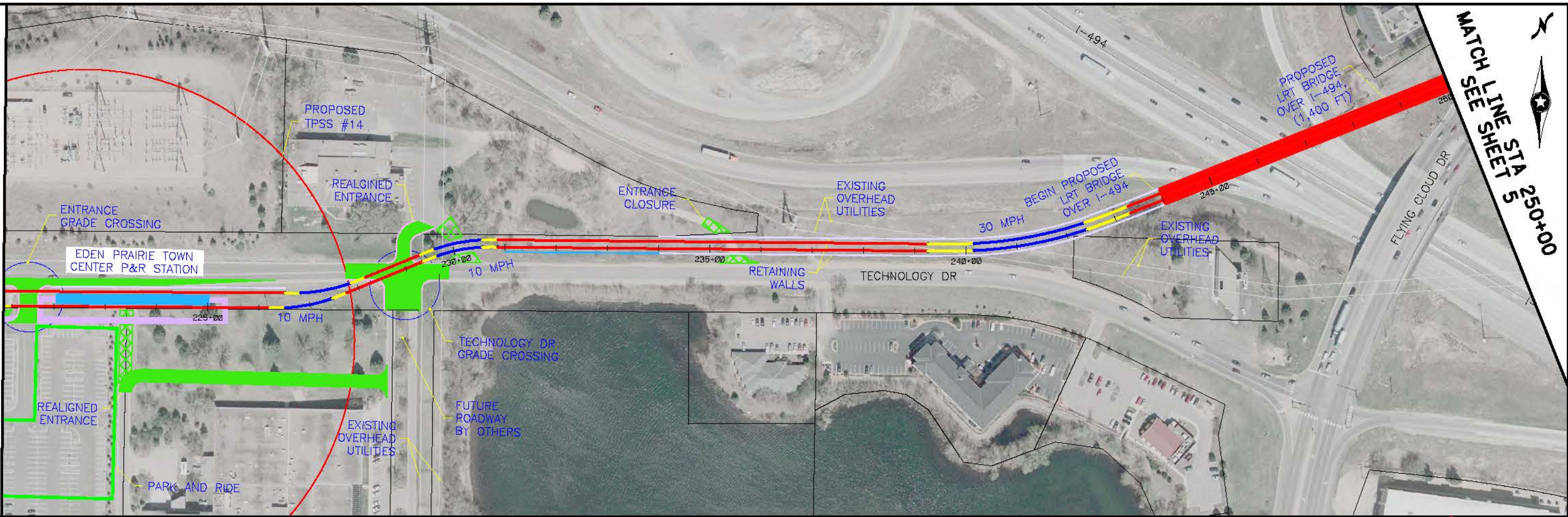
DRAWN BY  
DESIGNED BY  
CHECKED BY  
COMM. NO.

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
LRT ALTERNATIVE SEGMENT 3  
PLAN AND PROFILE  
STA: 200+00 - 221+00

**SHEET  
3  
OF  
15**

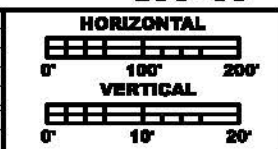
MATCH LINE STA 221+00  
SEE SHEET 3

MATCH LINE STA 250+00  
SEE SHEET 5



11/26/10 AM  
 5/17/2010  
 ...S\SWT\_HDR\_K5\_LRT\_3\_bh104\_031010.dgn

NO	DATE	BY	CHKD	APPR	REVISION



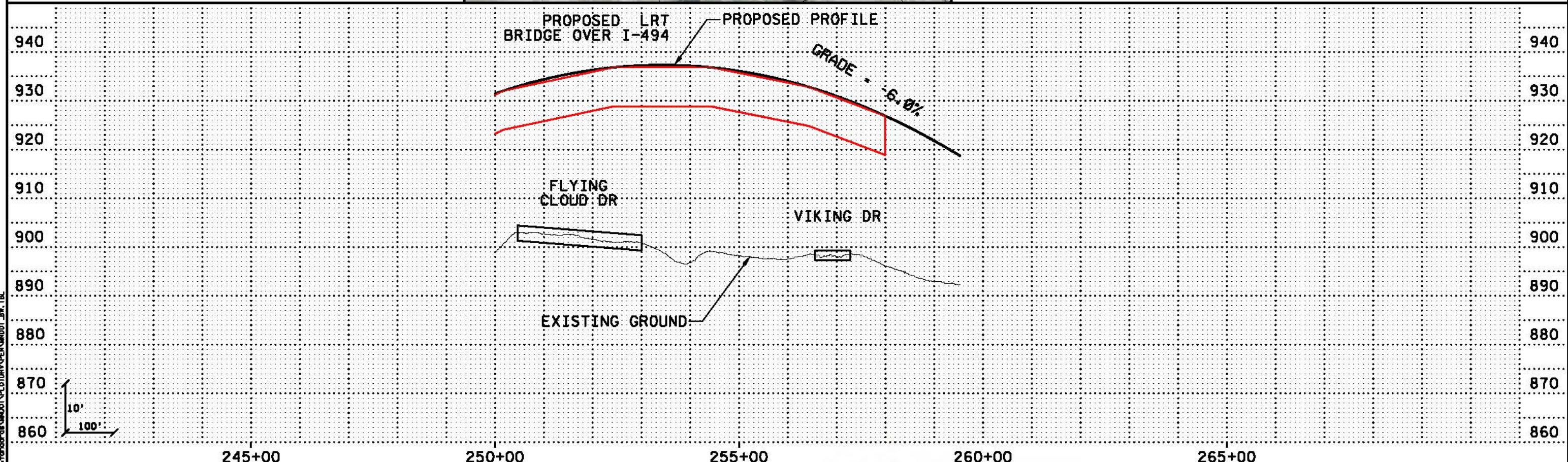
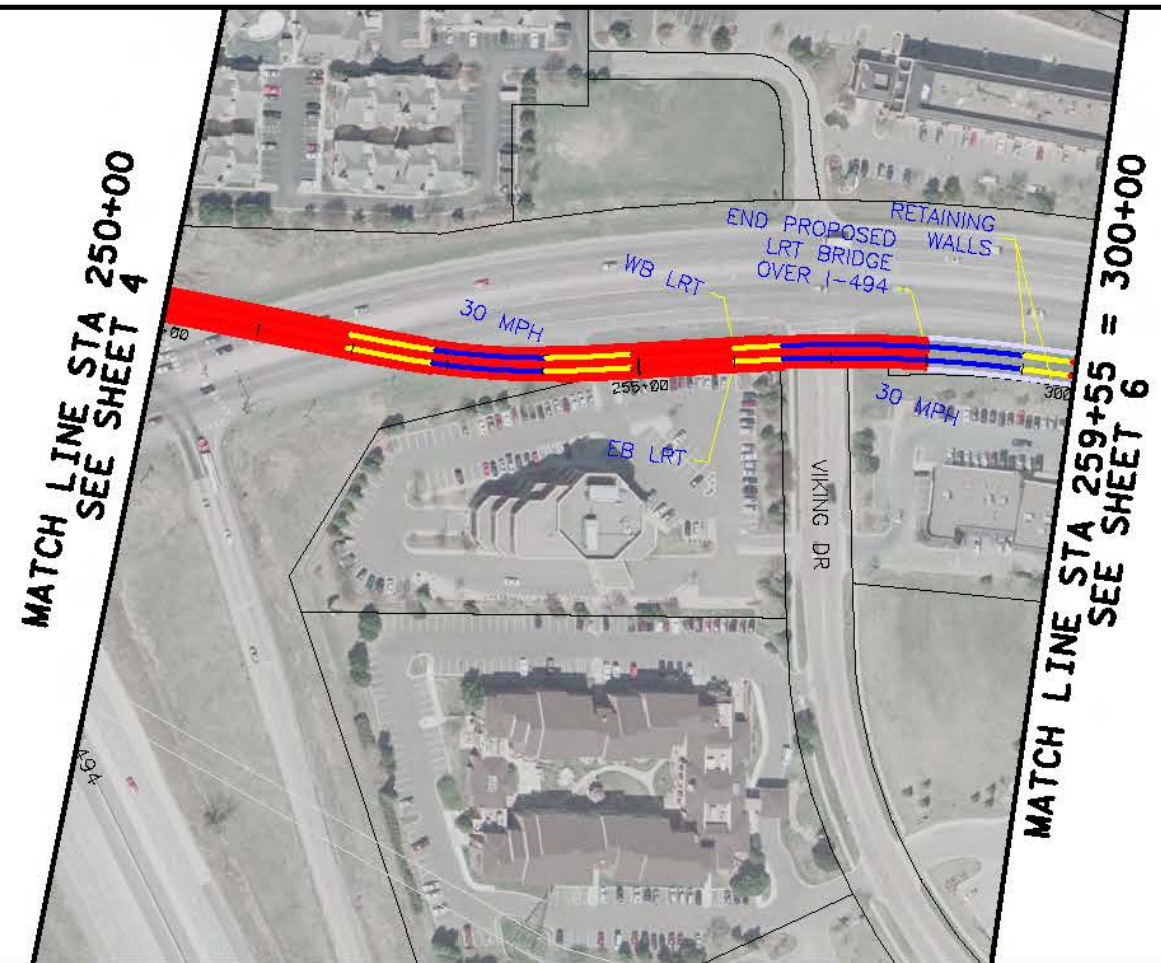
**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**



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CHECKED BY  
COMM. NO.

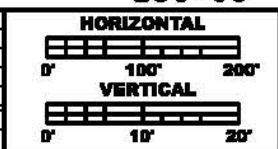
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
LRT ALTERNATIVE SEGMENT 3  
PLAN AND PROFILE  
STA: 221+00 - 250+00

**SHEET  
4  
OF  
15**



11/13/12 11:31:25 AM  
 5/17/2010  
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NO	DATE	BY	CHK	APPR	REVISION



**PRELIMINARY  
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 NOT FOR  
 CONSTRUCTION**



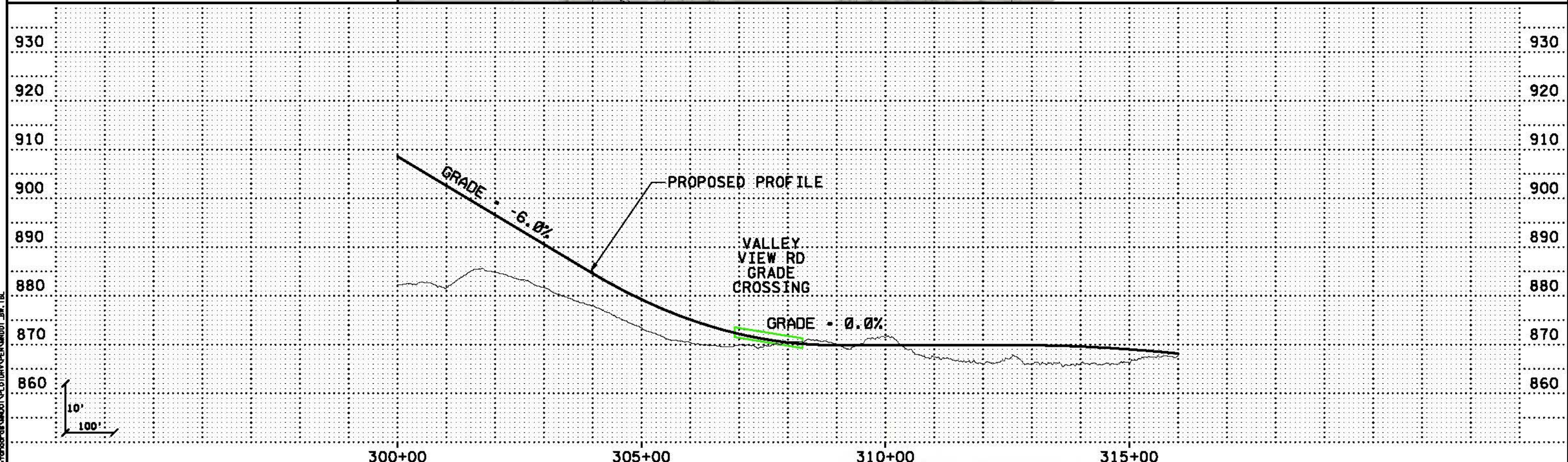
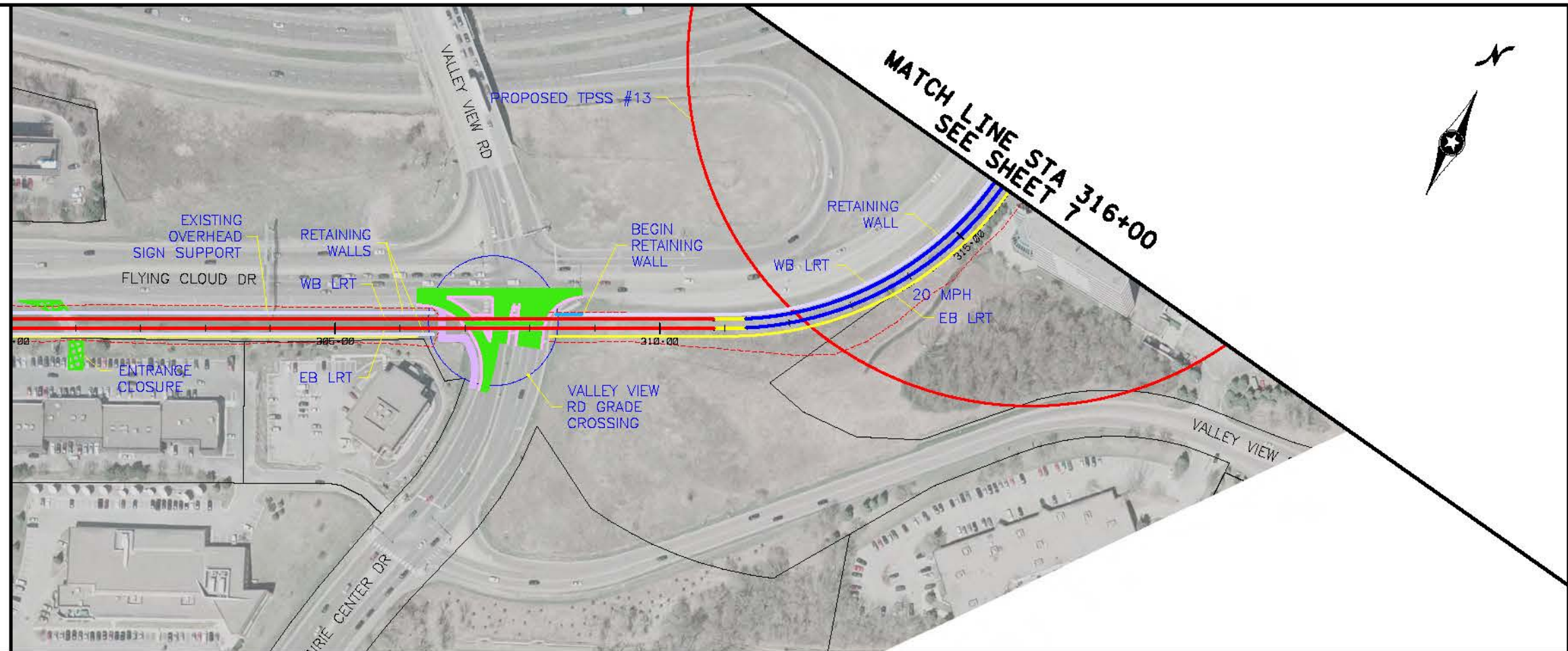
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CHECKED BY	
COMM. NO.	

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
**LRT ALTERNATIVE SEGMENT 3**  
**PLAN AND PROFILE**  
**STA: 250+00 - 270+61**

**SHEET 5 OF 15**

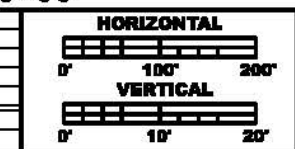


MATCH LINE STA 259+55 = STA 300+00  
SEE SHEET 5



11/14/23 AM 11:41:23  
 5/17/2010  
 ...SWT\_HDR\_K5\_LRT\_3\_sht06\_031010.dgn

NO	DATE	BY	CKD	APPR	REVISION



**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**

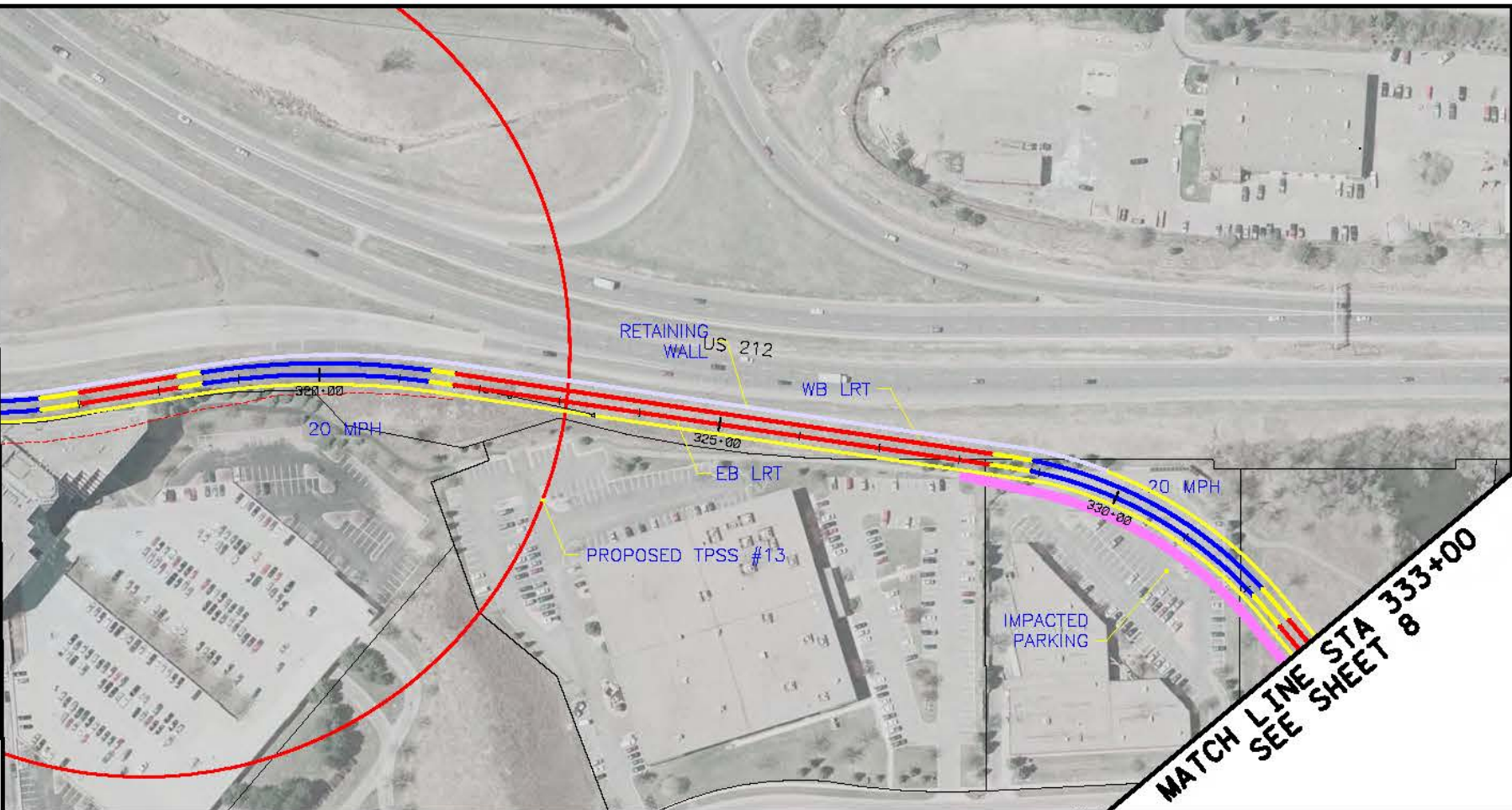


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DESIGNED BY  
CHECKED BY  
COMM. NO.

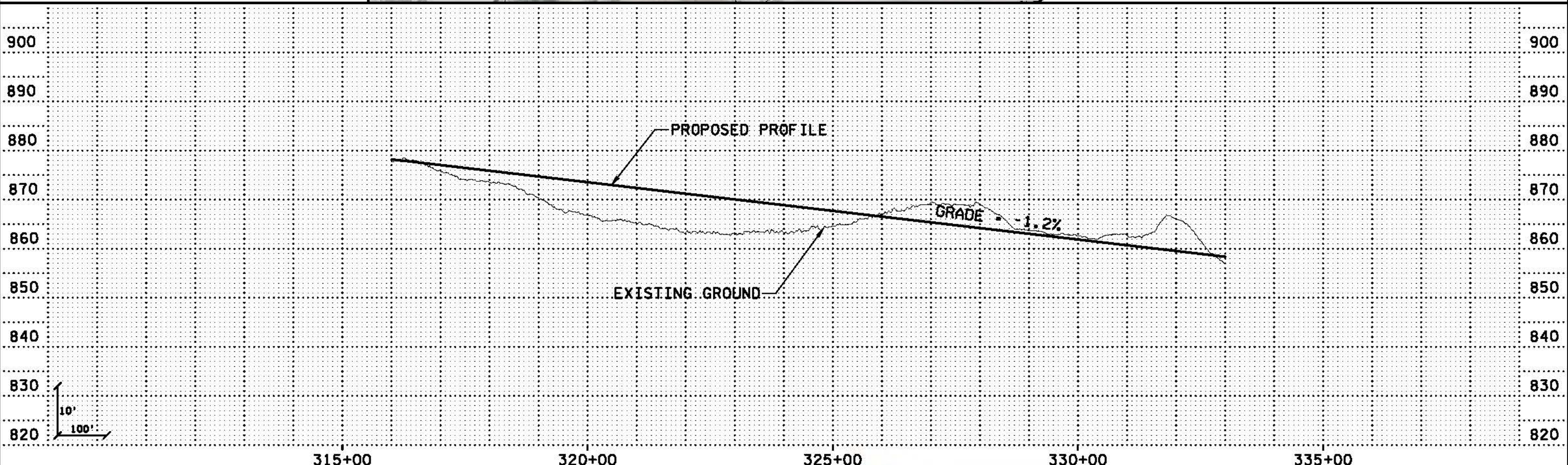
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
**LRT ALTERNATIVE SEGMENT 3**  
**PLAN AND PROFILE**  
**STA: 300+00 - 316+00**

**SHEET  
6  
OF  
15**

MATCH LINE STA 316+00  
SEE SHEET 6

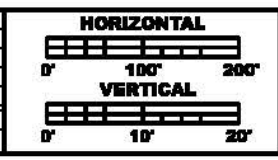


MATCH LINE STA 333+00  
SEE SHEET 8



11/15/14 11:50:46 AM  
 5/17/2010  
 ...\\SWT\_HDR\_K5\_LRT\_3\_sht07\_031010.dgn

NO	DATE	BY	CKD	APPR	REVISION



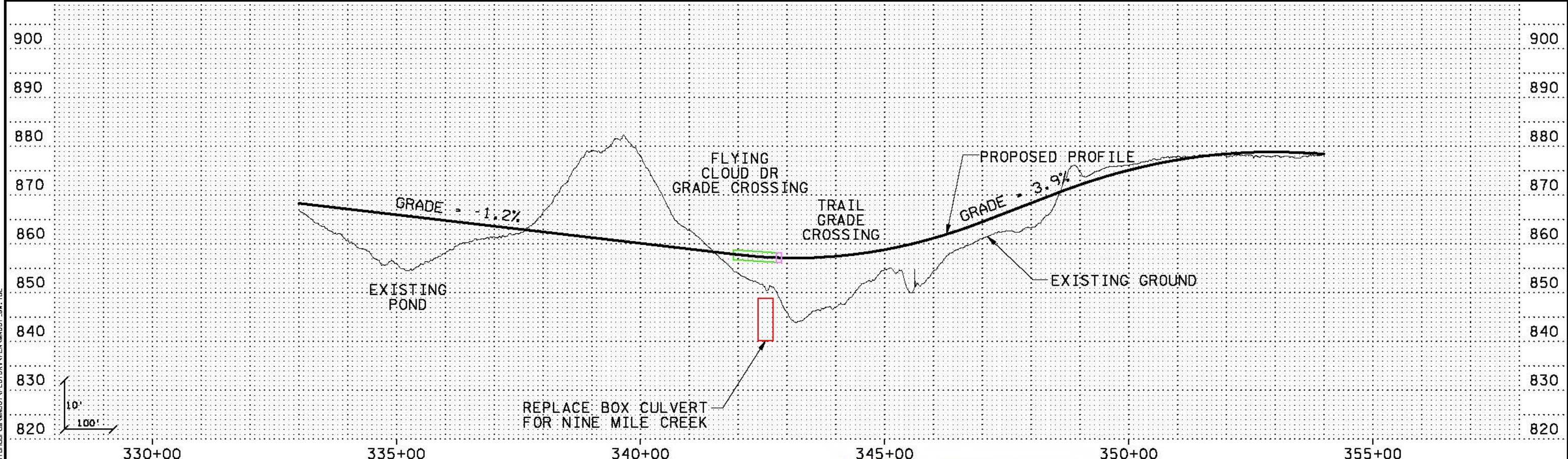
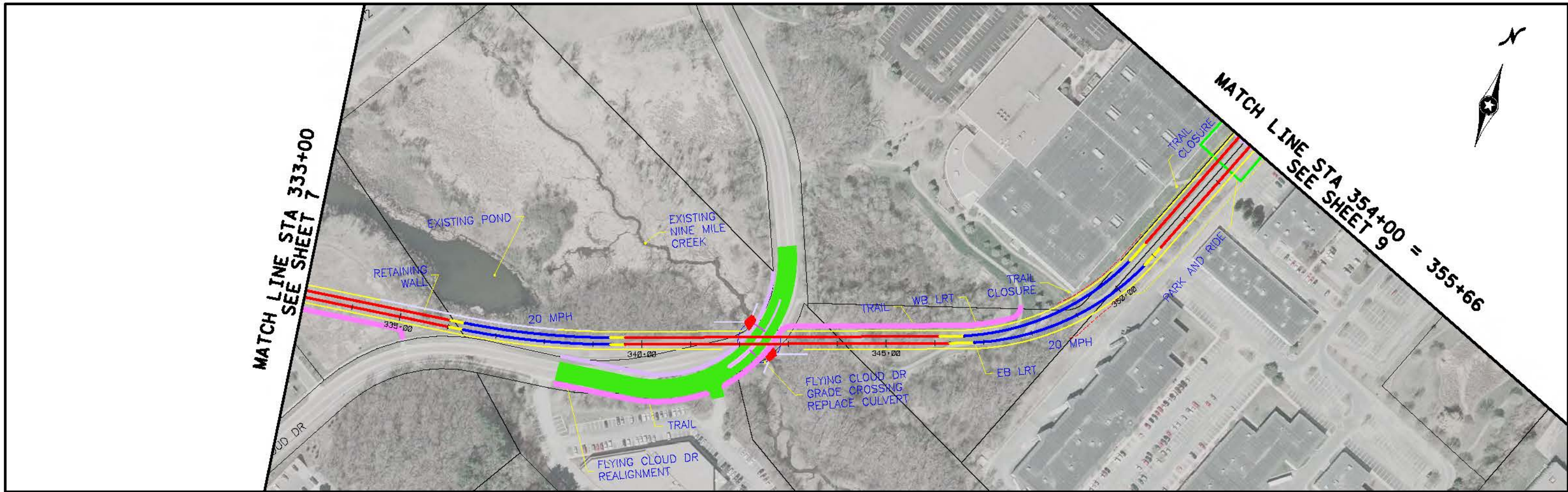
**PRELIMINARY  
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CONSTRUCTION**



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COMM. NO.	

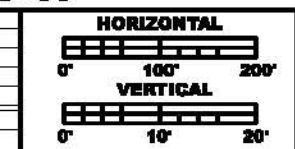
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
**LRT ALTERNATIVE SEGMENT 3**  
**PLAN AND PROFILE**  
**STA: 316+00 - 333+00**

**SHEET  
7  
OF  
15**



Kschuliz  
 12:08:40 PM  
 5/17/2010  
 \\pdx-srv3\neccca051\mxd\031010\031010\_PLOT\PLAN AND PROFILE.dgn

NO	DATE	BY	CHK	APPR	REVISION



**PRELIMINARY  
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CONSTRUCTION**



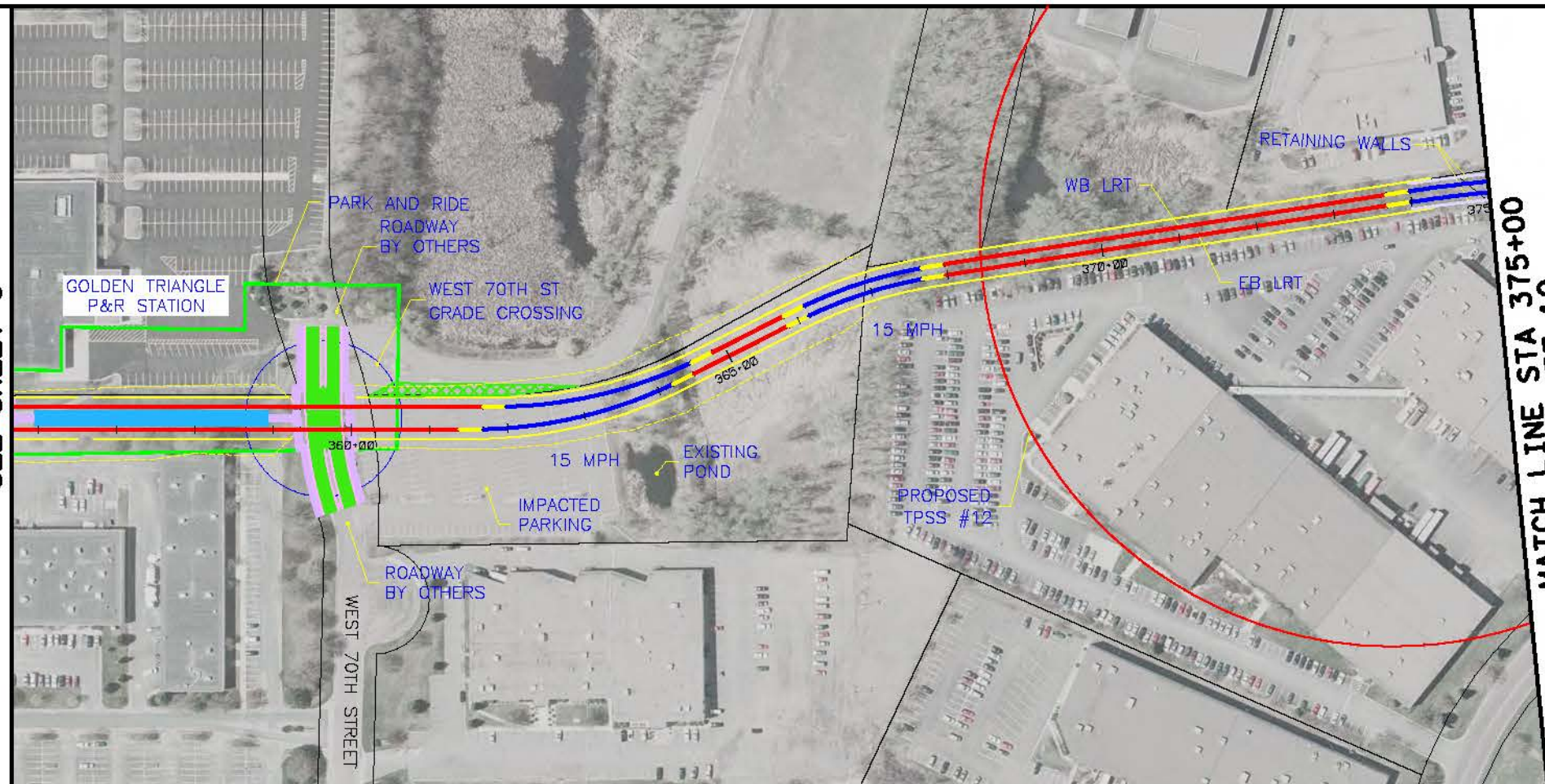
DRAWN BY  
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CHECKED BY  
COMM. NO.

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT 3  
 PLAN AND PROFILE  
 STA: 333+00 - 354+00

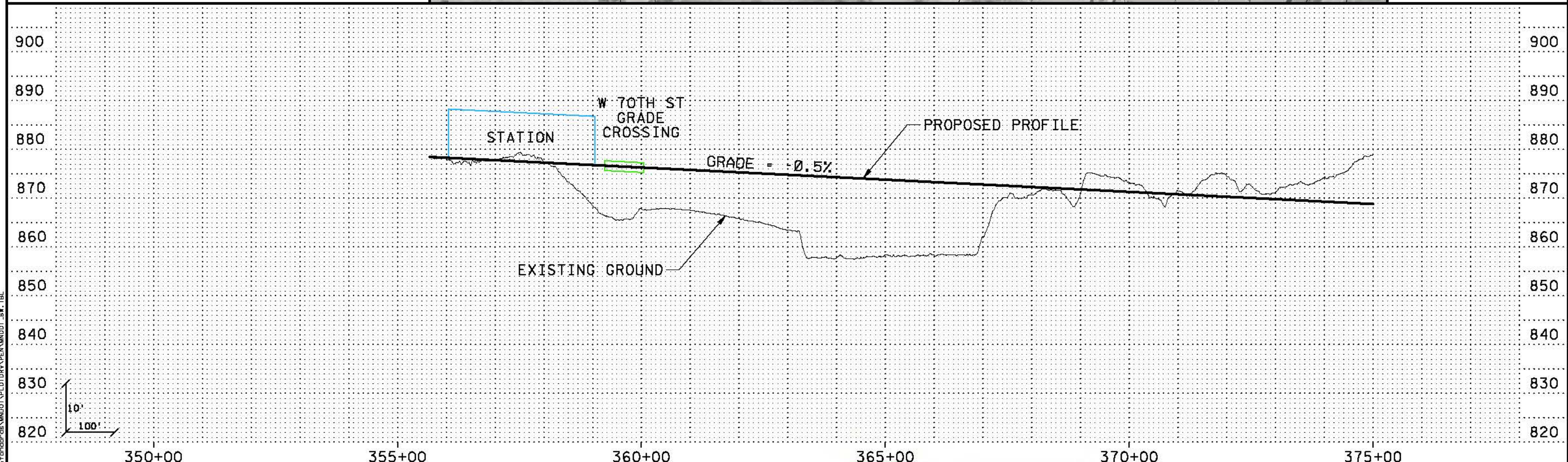
**SHEET  
8  
OF  
15**



MATCH LINE STA 354+00 = 355+66  
SEE SHEET 8

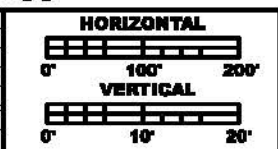


MATCH LINE STA 375+00  
SEE SHEET 10



12:17:10 PM  
5/17/2010  
\\pdx-srv3\projects\1031010\SWT\_HDR\_K5\_LRT\_3\_bht09\_031010.dgn

NO	DATE	BY	CHKD	APPR	REVISION



PRELIMINARY  
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CONSTRUCTION

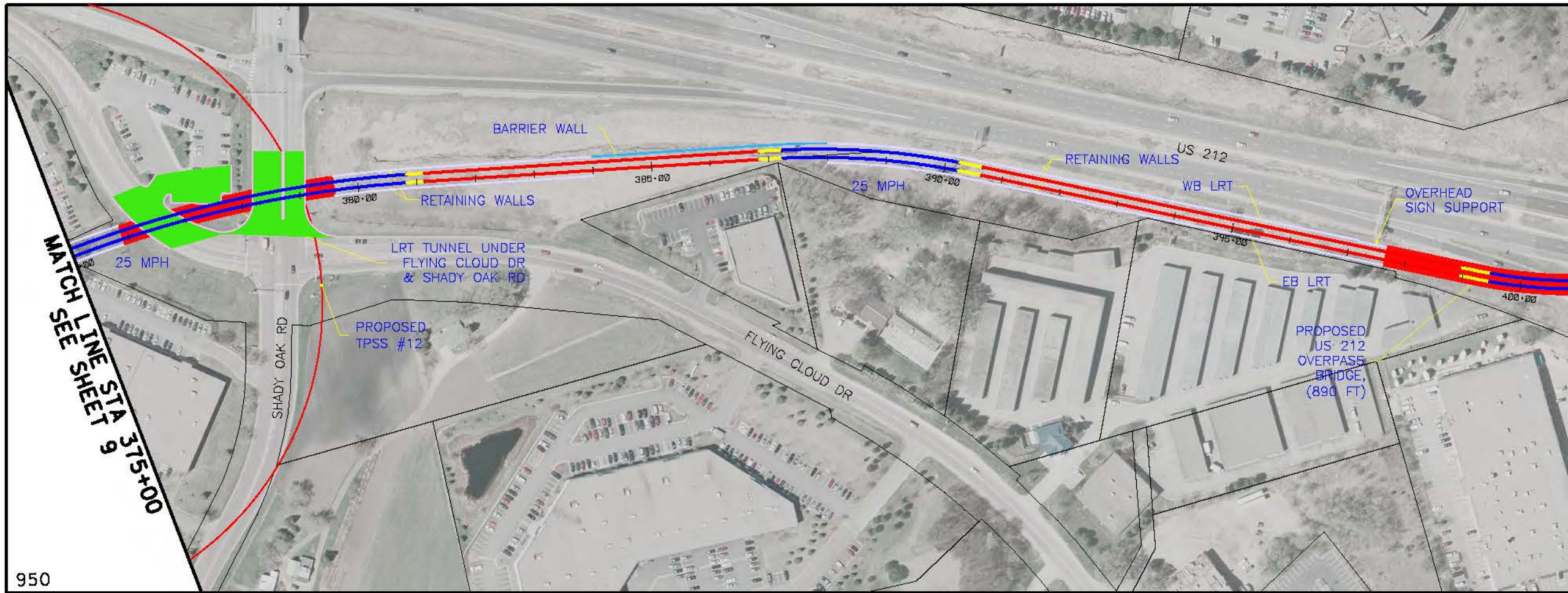


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CHECKED BY
COMM. NO.

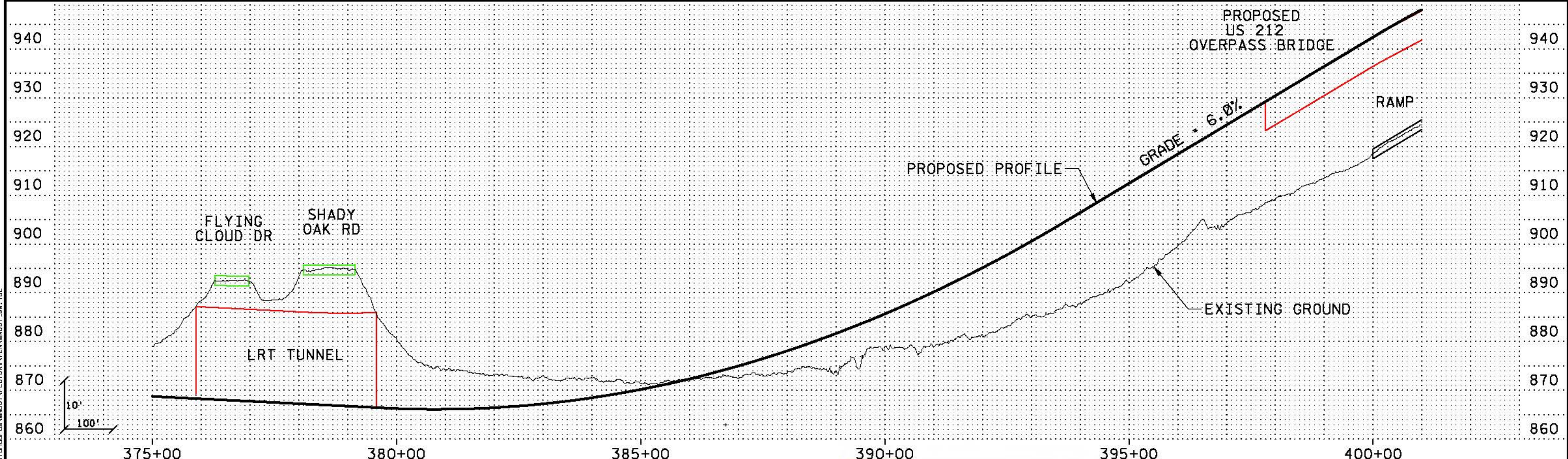
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**

LRT ALTERNATIVE SEGMENT 3  
PLAN AND PROFILE  
STA: 355+66 - 375+00

SHEET  
9  
OF  
15

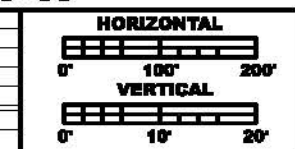


MATCH LINE STA 401+00  
SEE SHEET 11



12:27:05 PM  
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 \\P0101\projects\103001030\103001030.dgn  
 ... \SWT\_HDR\_K5\_LRT\_3\_bht10\_031010.dgn

NO	DATE	BY	CHKD	APPR	REVISION



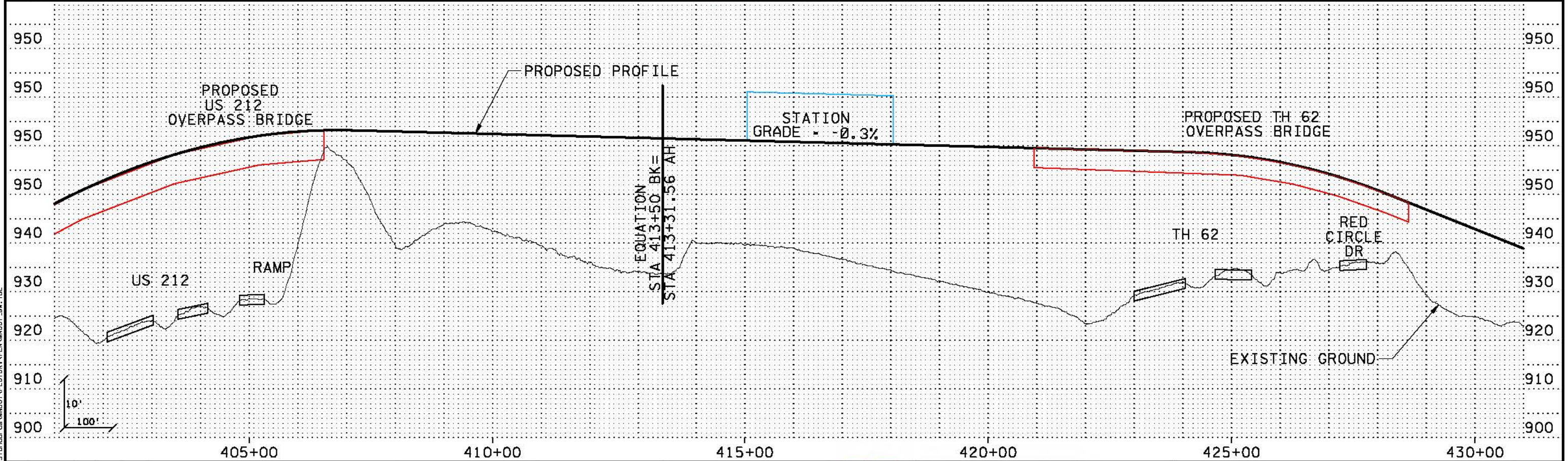
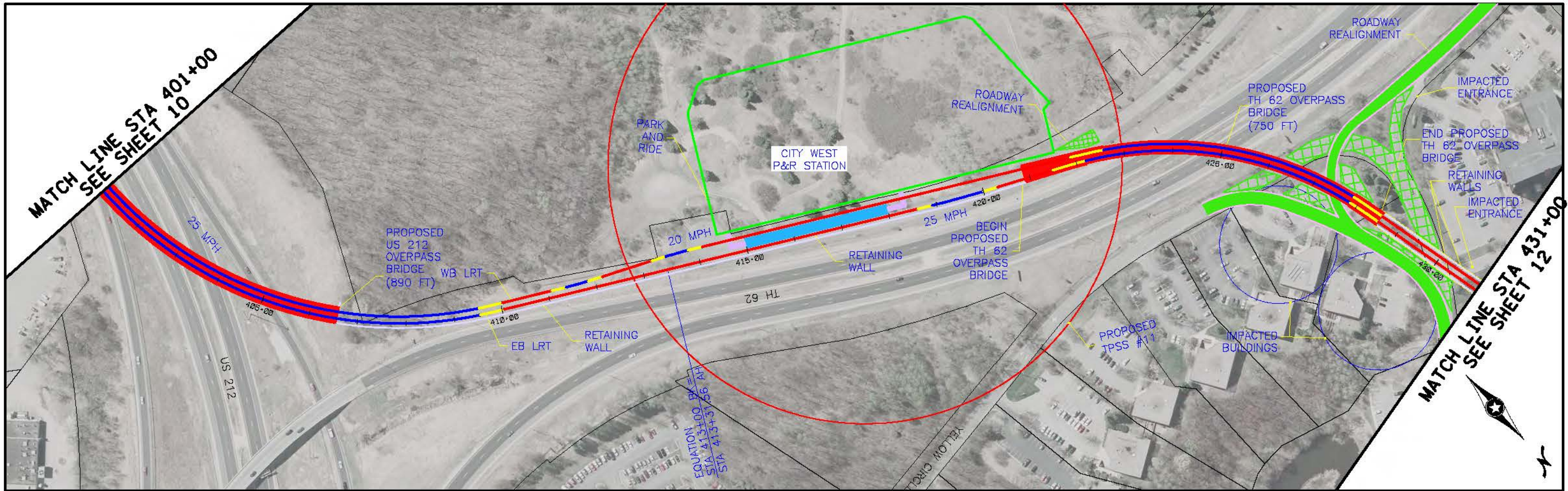
**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**



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CHECKED BY	
COMM. NO.	

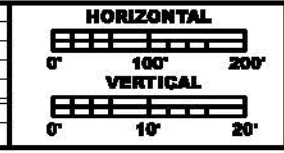
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT 3  
 PLAN AND PROFILE  
 STA: 375+00 - 401+00

**SHEET  
10  
OF  
15**



Kschuliz  
 12:46:31 PM  
 5/17/2010  
 \\PDK-SRVS-NECC\cas11\design\SWT\ALTERNATIVE\CONCEPT\BLT\WORKSPACE\SWT\_HDR\_K5\_LRT\_3\_bht11\_031010.dgn

NO	DATE	BY	CHKD	APPR	REVISION



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NOT FOR  
CONSTRUCTION**

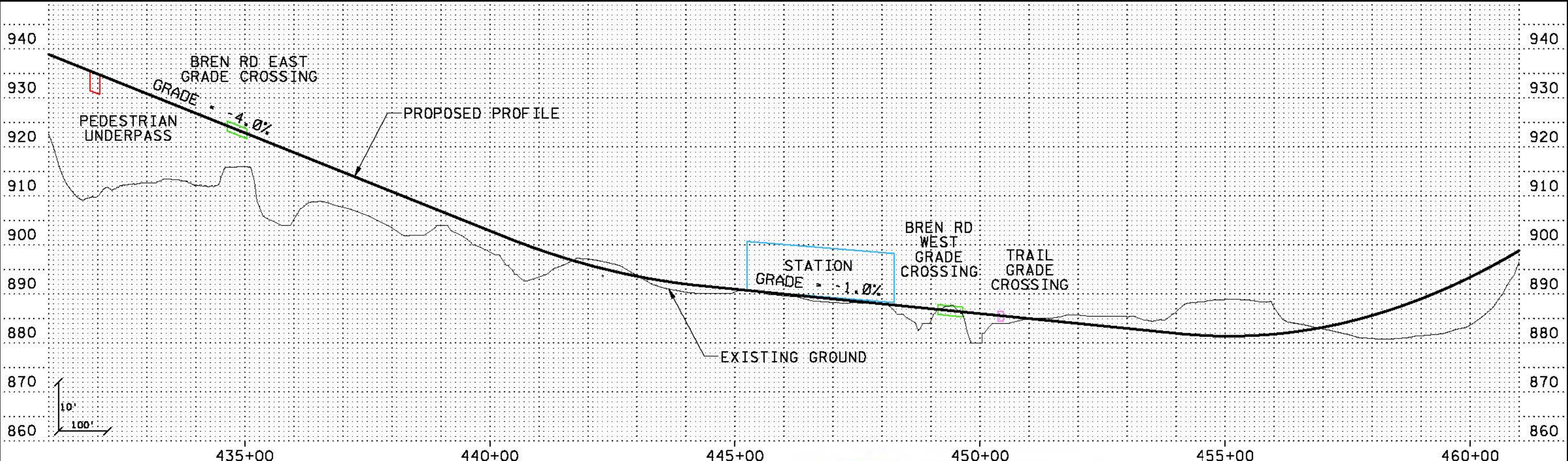
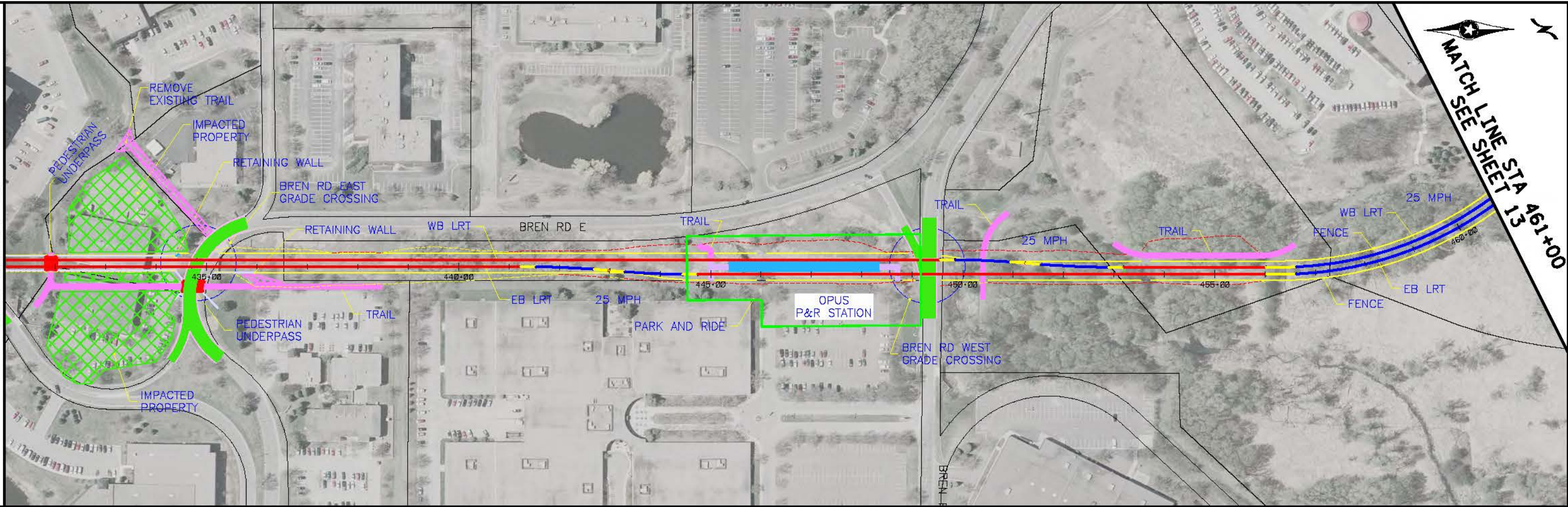


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DESIGNED BY	
CHECKED BY	
COMM. NO.	

<b>SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN</b>		<b>SHEET</b>
LRT ALTERNATIVE SEGMENT 3		<b>11</b>
PLAN AND PROFILE		<b>OF</b>
STA: 401+00 - 431+00		<b>15</b>

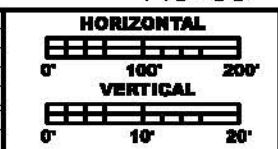
MATCH LINE STA 431+00  
SEE SHEET 11

MATCH LINE STA 461+00  
SEE SHEET 13



8/20/12 9:20:49 AM  
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 ... \SWT\_HDR\_K5\_LRT\_3\_bht12\_031010.dgn

NO	DATE	BY	CHK	APPR	REVISION

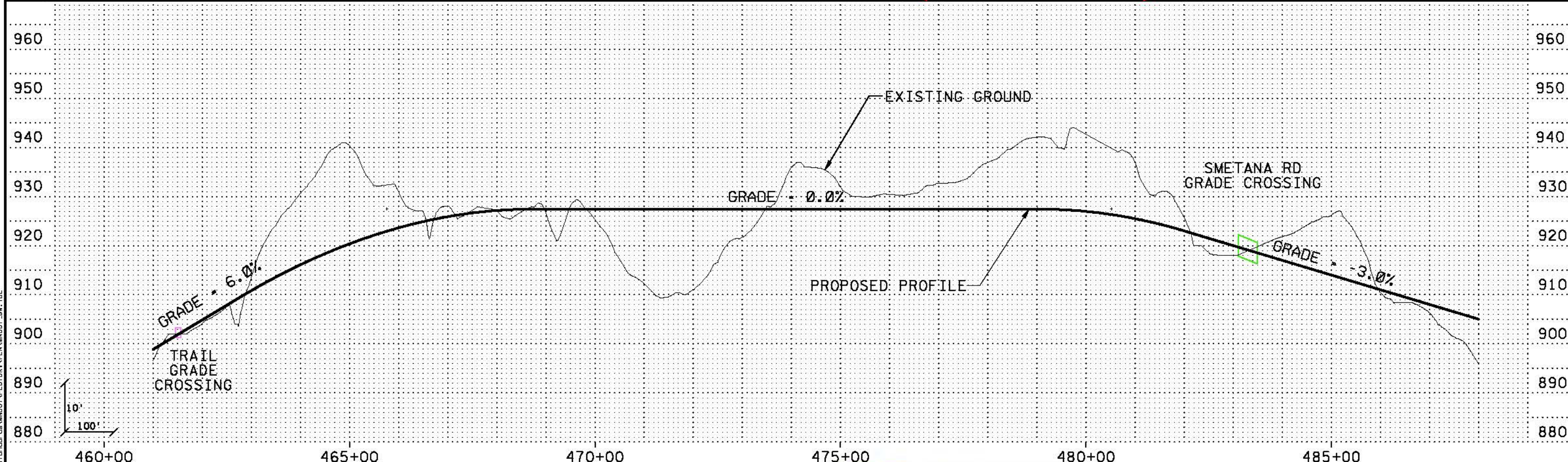
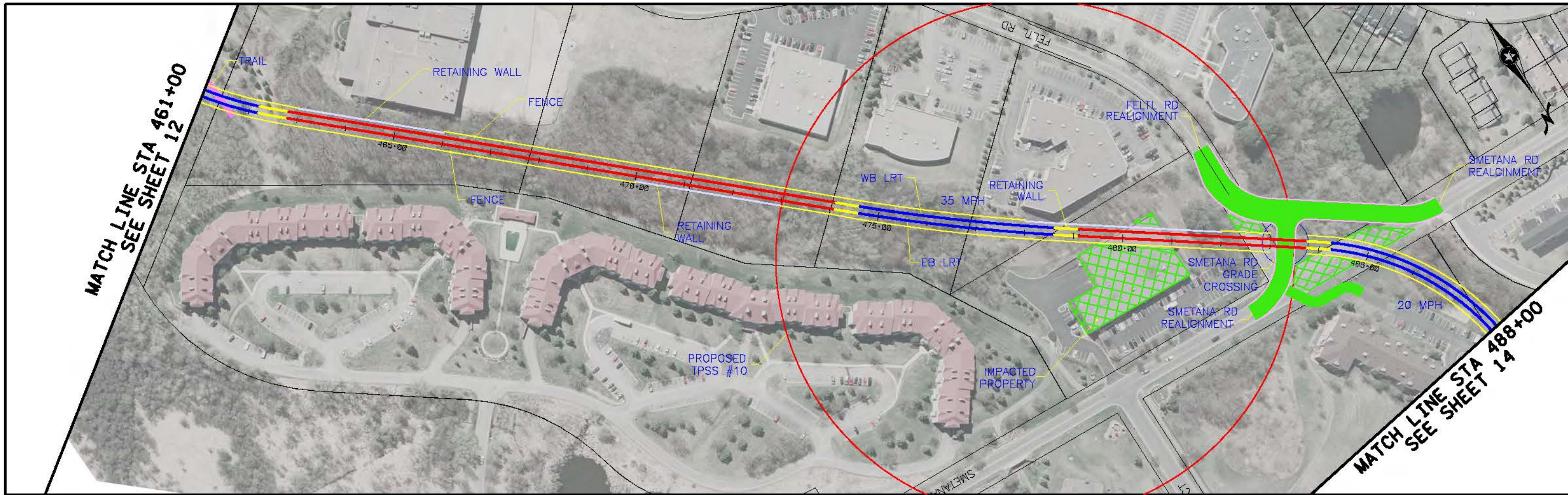


**PRELIMINARY  
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CONSTRUCTION**



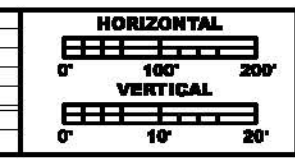
DRAWN BY	
DESIGNED BY	
CHECKED BY	
COMM. NO.	

<b>SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN</b>		<b>SHEET</b>
LRT ALTERNATIVE SEGMENT 3		<b>12</b>
PLAN AND PROFILE		<b>OF</b>
STA: 431+00 - 461+00		<b>15</b>



4/14/2010 4:14:58 PM  
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 ...S\17\2010\SWT\HDR\K5\_LRT\_3\_bht113\_031010.dgn

NO	DATE	BY	CHKD	APPR	REVISION



**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**

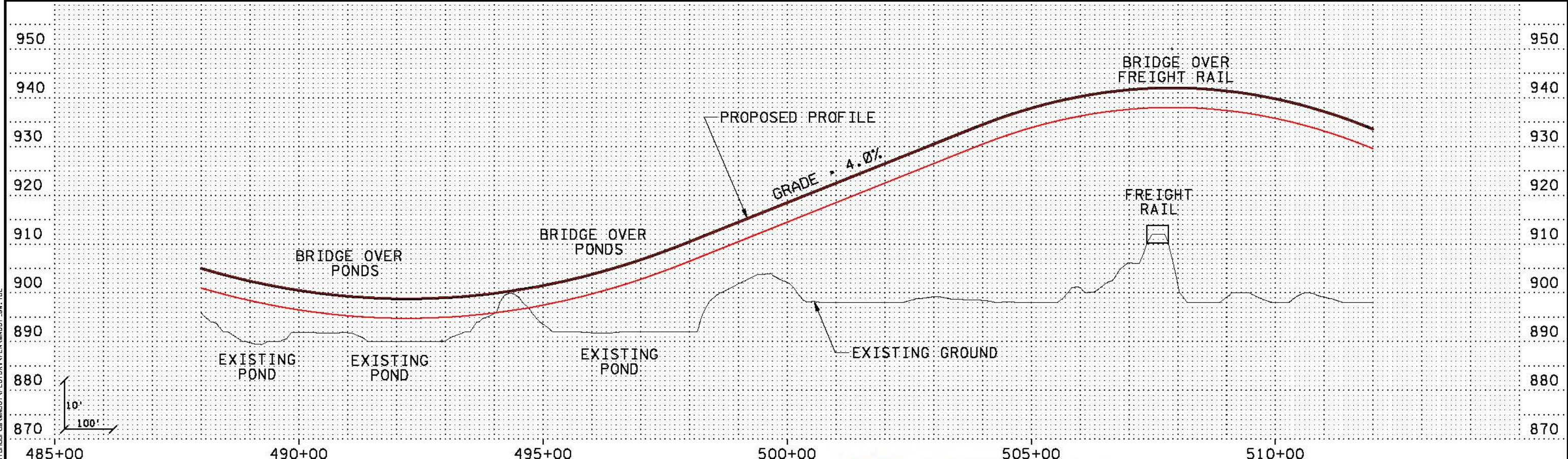


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DESIGNED BY	
CHECKED BY	
COMM. NO.	

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT 3  
 PLAN AND PROFILE  
 STA: 461+00 - 488+00

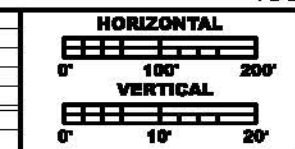
**SHEET  
13  
OF  
15**





Kschuliz  
 1:18:14 PM  
 5/17/2010  
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NO	DATE	BY	CHKD	APPR	REVISION



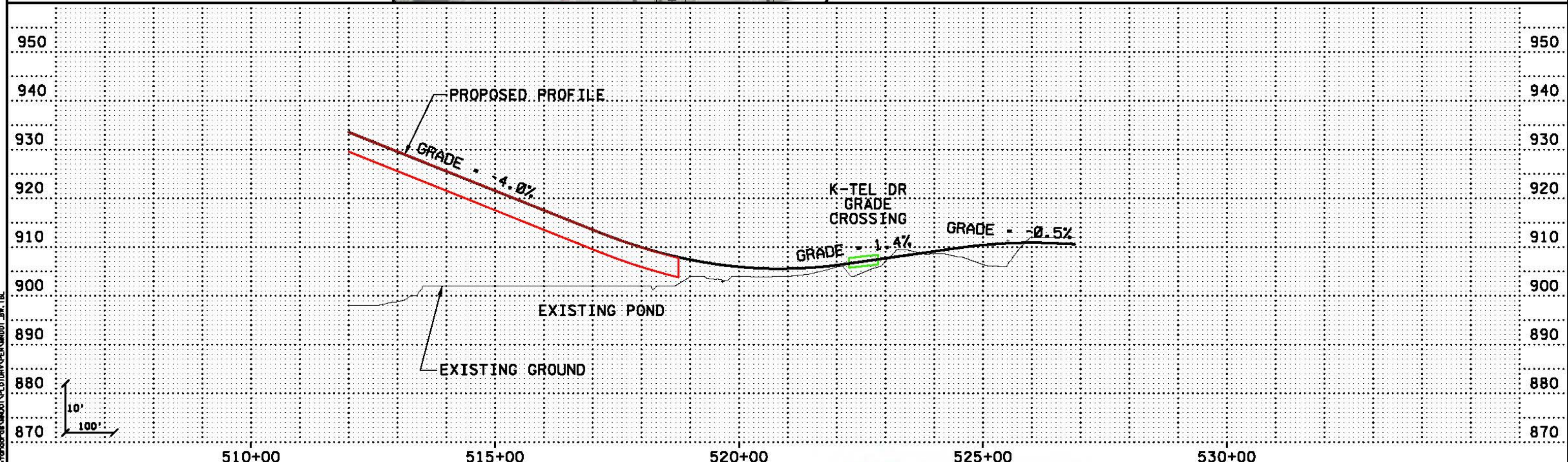
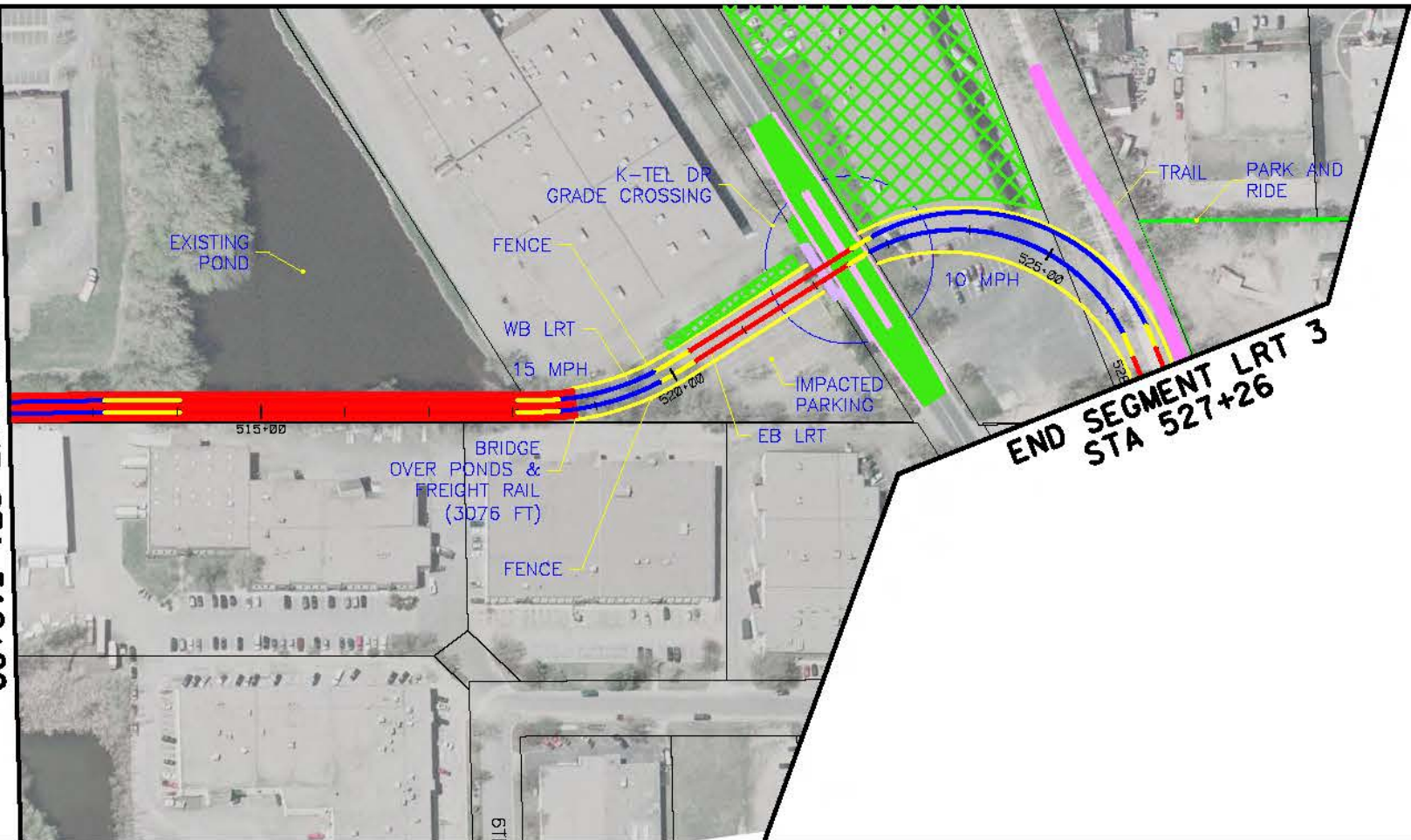
**PRELIMINARY  
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NOT FOR  
CONSTRUCTION**



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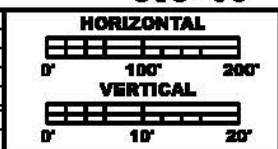
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LRT ALTERNATIVE SEGMENT 3		<b>14</b>
PLAN AND PROFILE		<b>OF</b>
STA: 488+00 - 512+00		<b>15</b>

MATCH LINE STA 512+00  
SEE SHEET 14



12/13/14 4:49 PM  
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NO	DATE	BY	CHKD	APPR	REVISION



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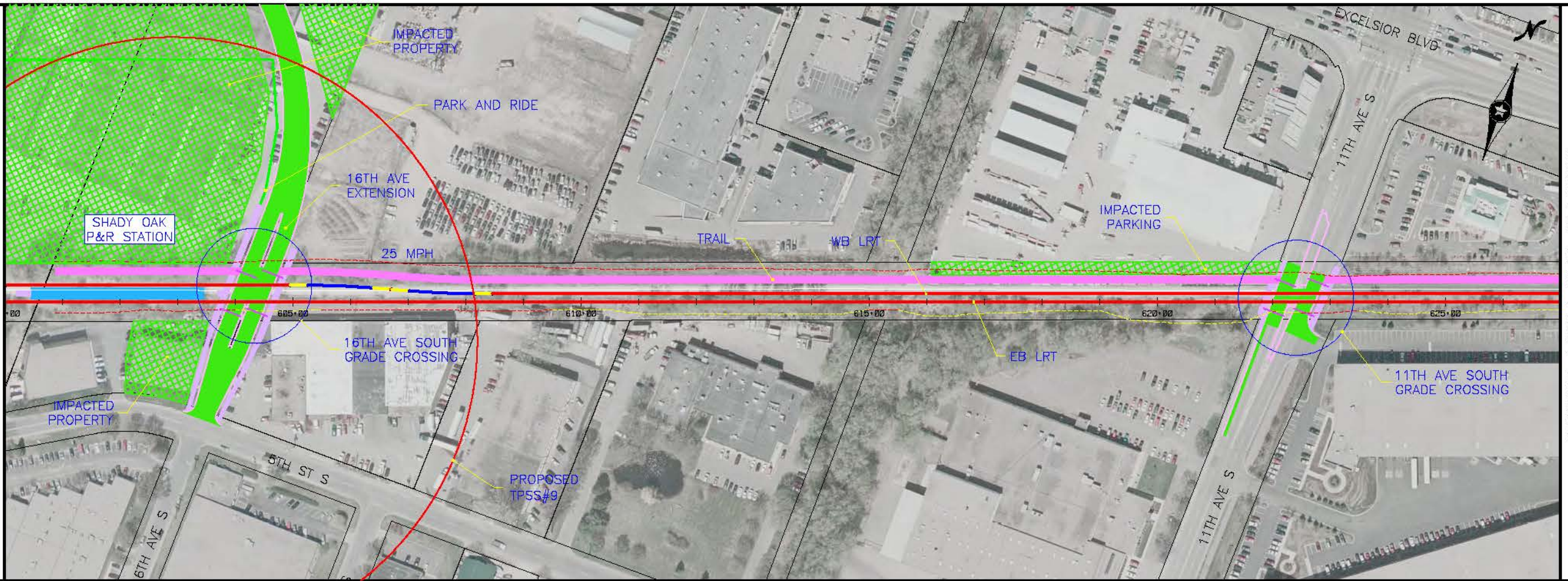


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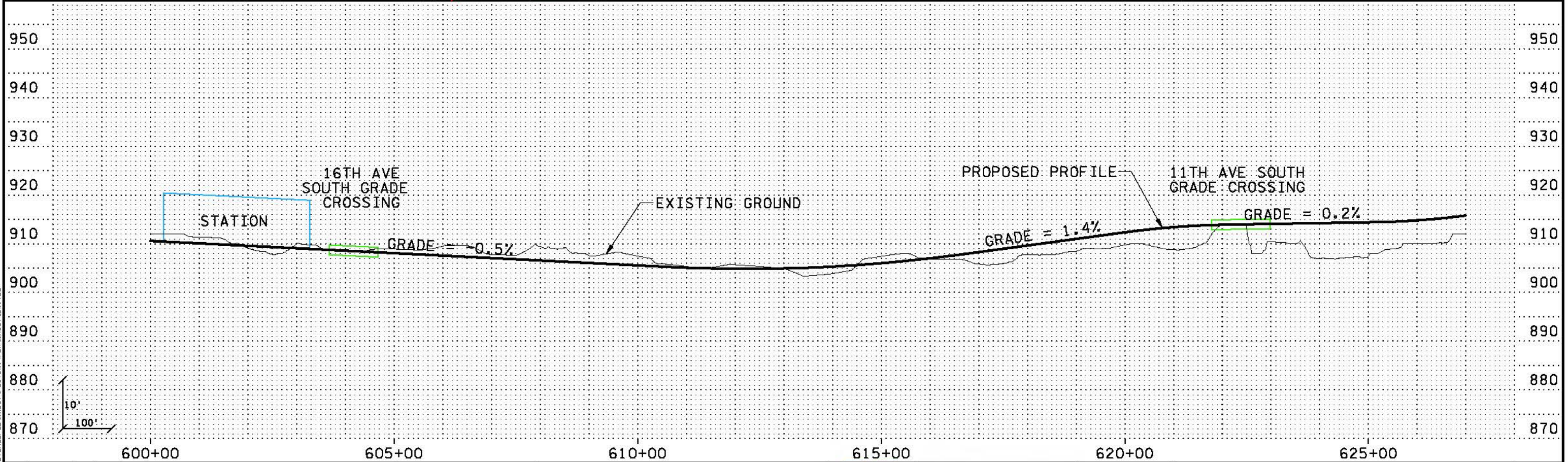
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**LRT ALTERNATIVE SEGMENT 3**  
**PLAN AND PROFILE**  
**STA: 512+00 - 527+26**

**SHEET  
15  
OF  
15**

BEGIN SEGMENT LRT 4  
STA 600+00

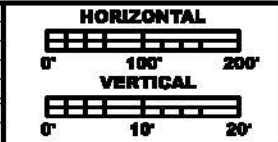


MATCH LINE STA 627+00  
SEE SHEET 2



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NO	DATE	BY	CHK	APPR	REVISION



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CONSTRUCTION**



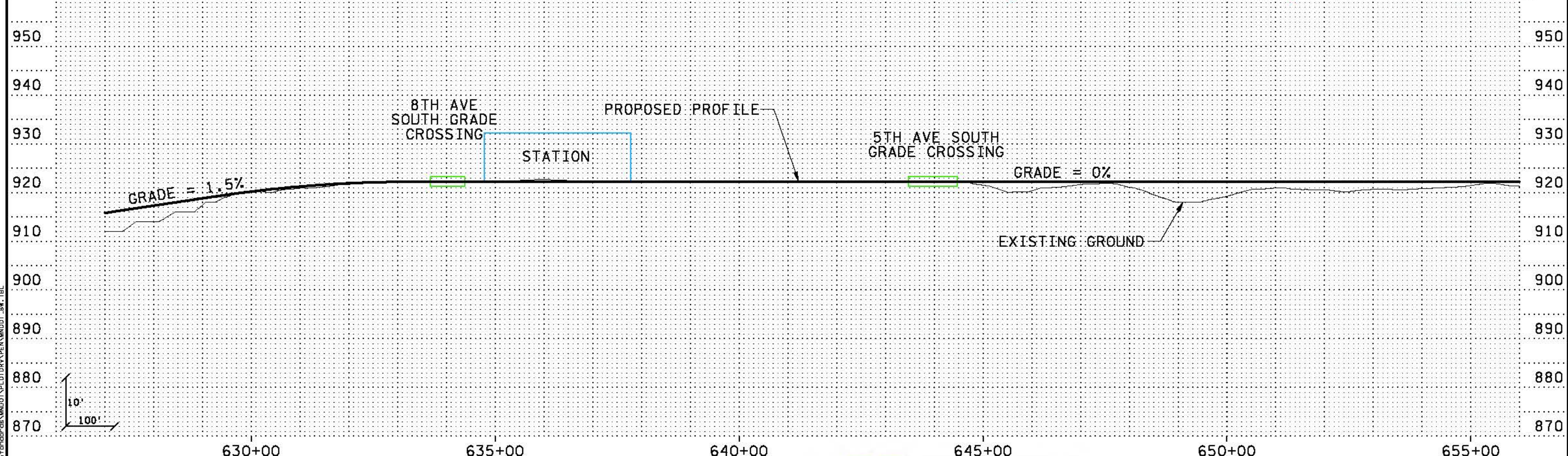
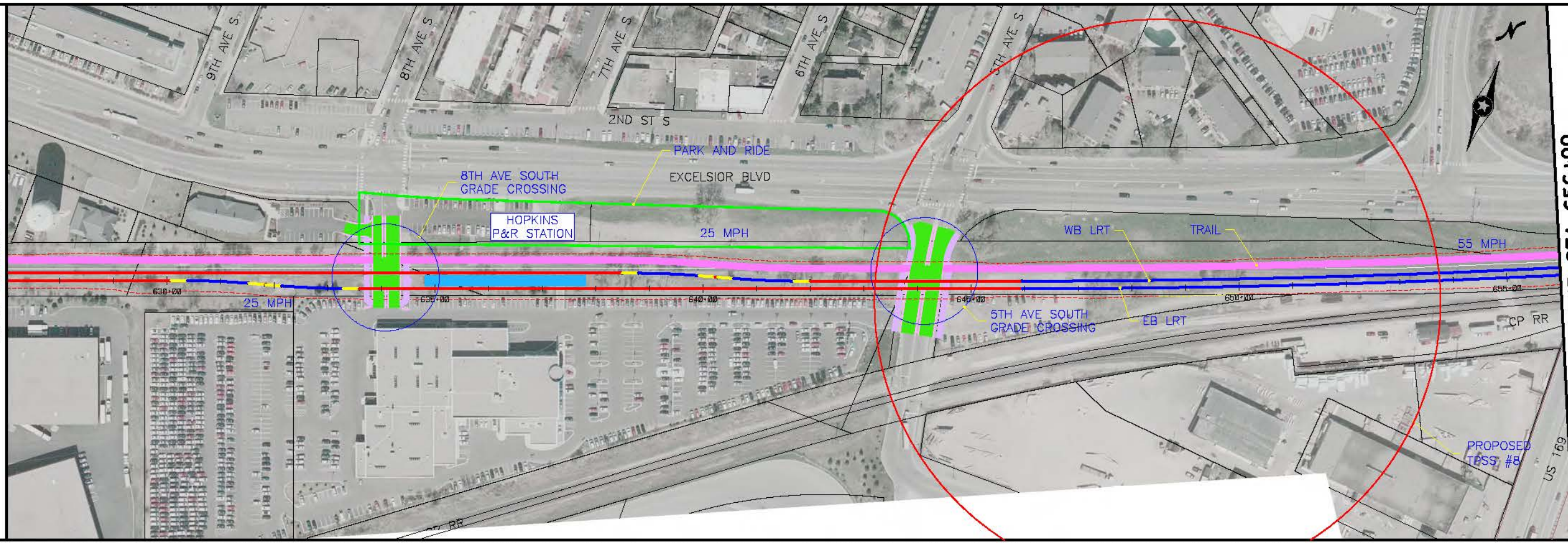
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CHECKED BY
COMM. NO.

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT 4  
 PLAN AND PROFILE  
 STA: 600+00 - 627+00

**SHEET  
1  
OF  
10**

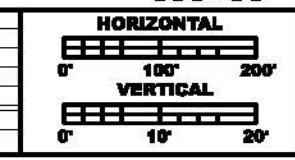
MATCH LINE STA 627+00  
SEE SHEET 1

MATCH LINE STA 656+00  
SEE SHEET 3



Kschuliz  
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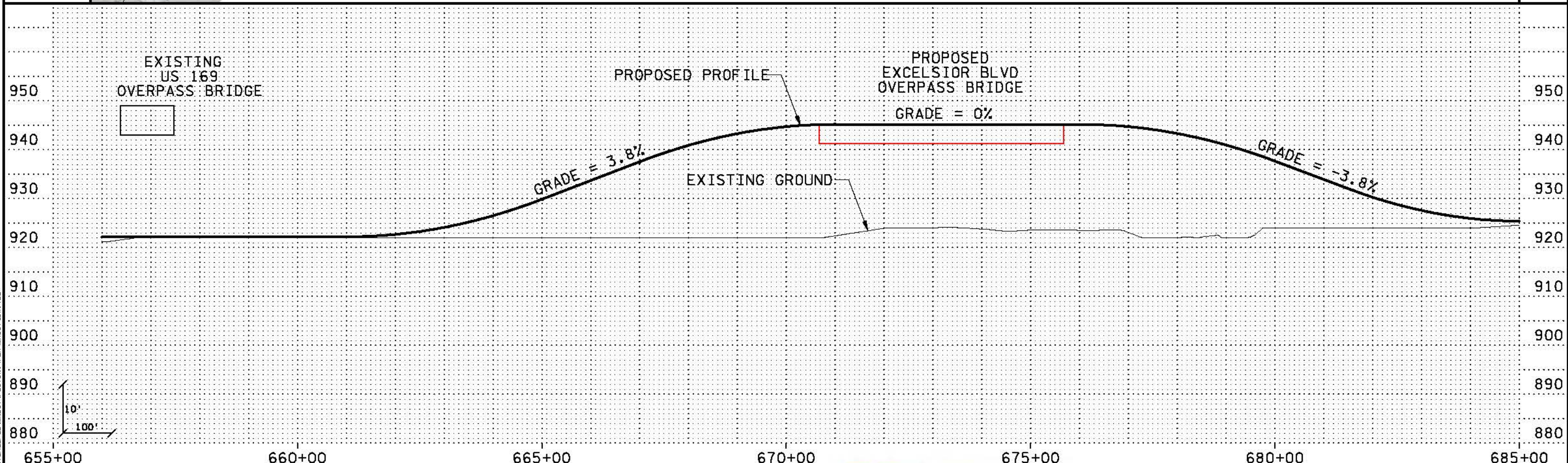
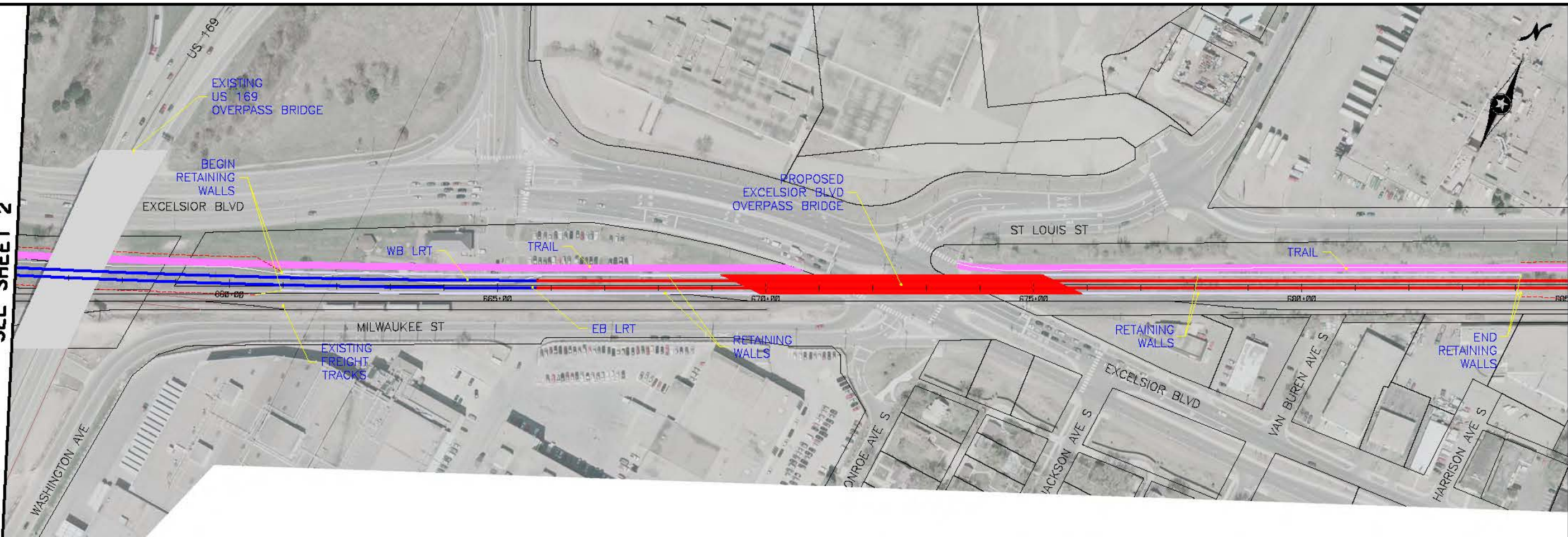
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 LRT ALTERNATIVE SEGMENT 4  
 PLAN AND PROFILE  
 STA: 627+00 - 656+00

**SHEET  
2  
OF  
10**

MATCH LINE STA 656+00  
SEE SHEET 2

MATCH LINE STA 685+00  
SEE SHEET 4



2:11:43 PM  
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NO	DATE	BY	CHK	APPR	REVISION



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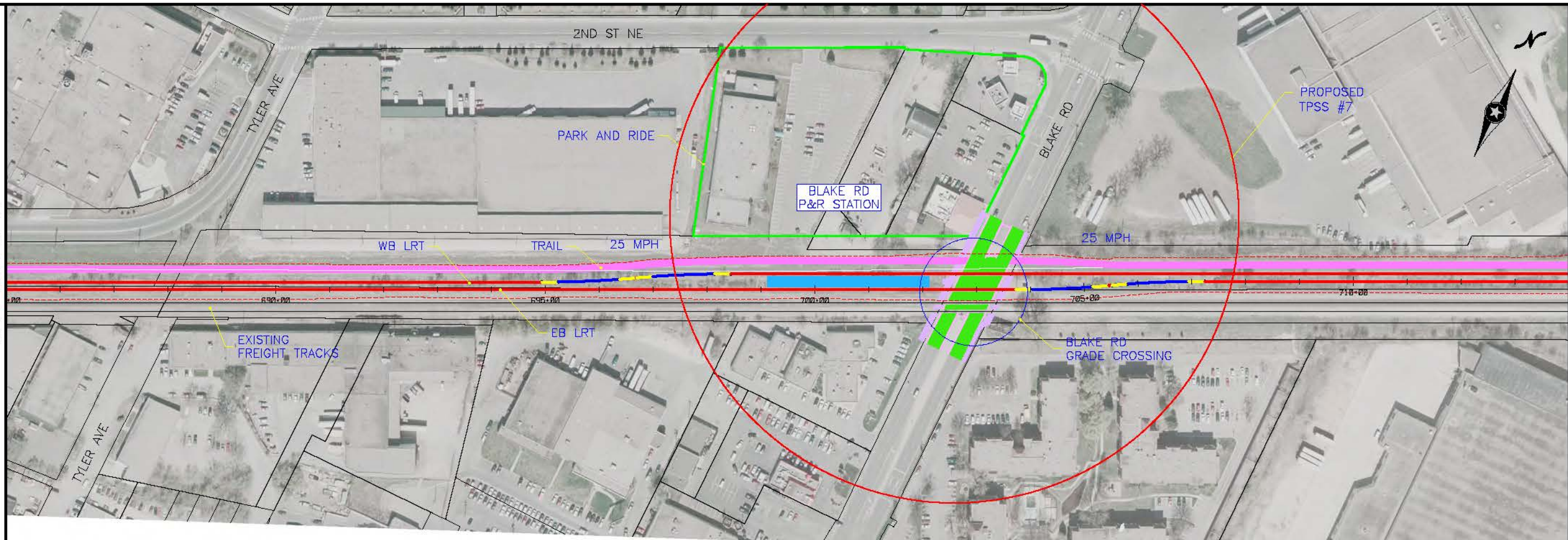


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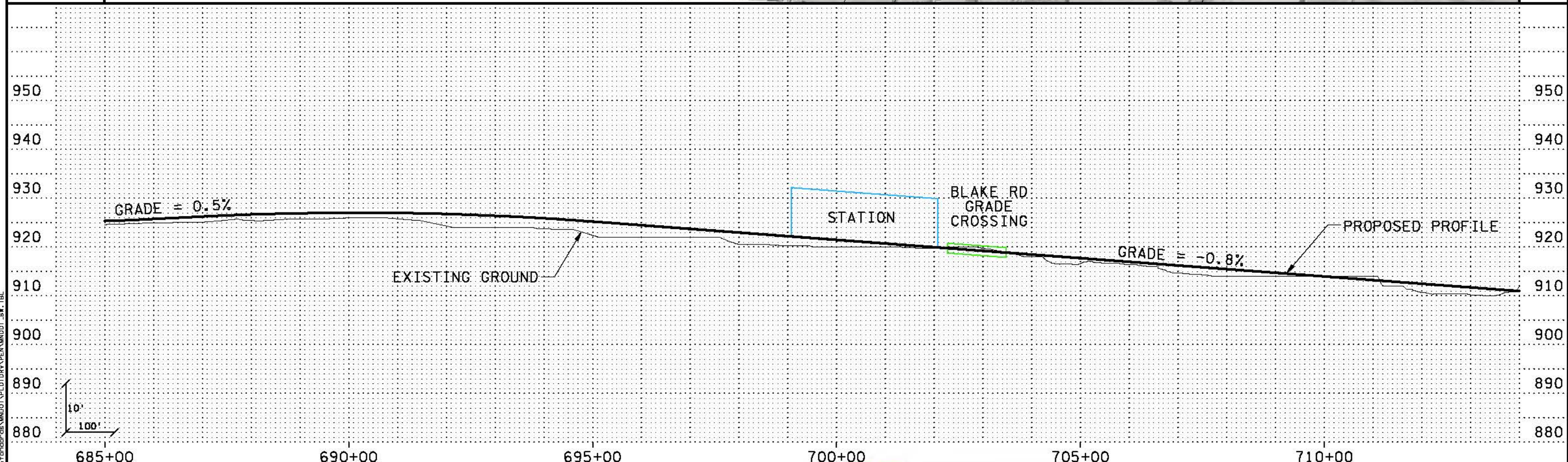
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 PLAN AND PROFILE  
 STA: 656+00 - 685+00

**SHEET  
3  
OF  
10**

MATCH LINE STA 685+00  
SEE SHEET 3

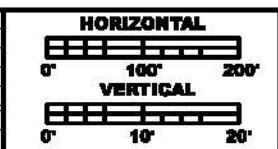


MATCH LINE STA 714+00  
SEE SHEET 5



Kschultz  
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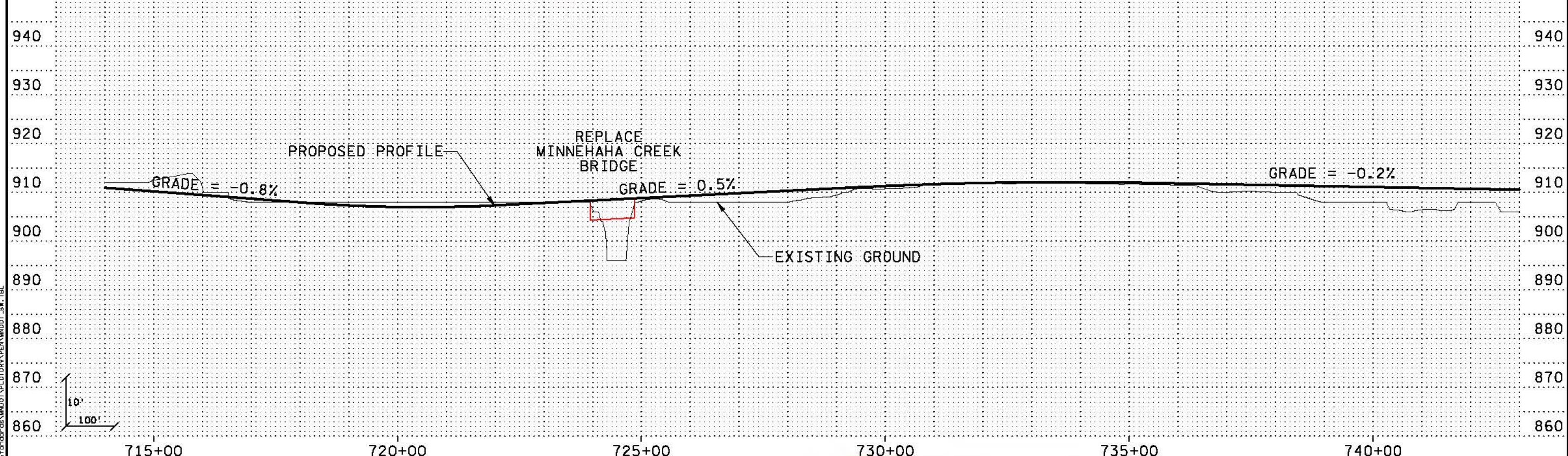
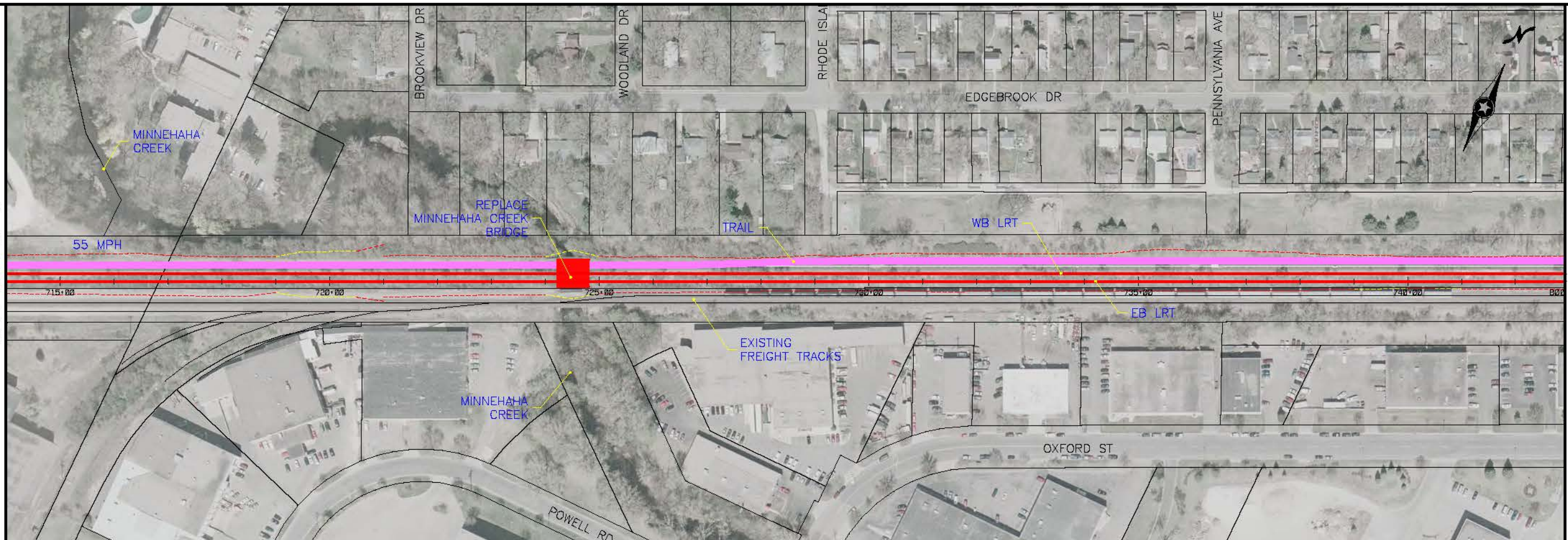
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**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT 4  
 PLAN AND PROFILE  
 STA: 685+00 - 714+00

**SHEET  
4  
OF  
10**

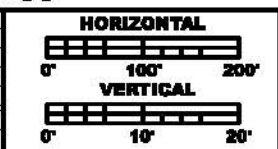
MATCH LINE STA 714+00  
SEE SHEET 4

MATCH LINE STA 742+92 = STA 800+00  
SEE SHEET 6



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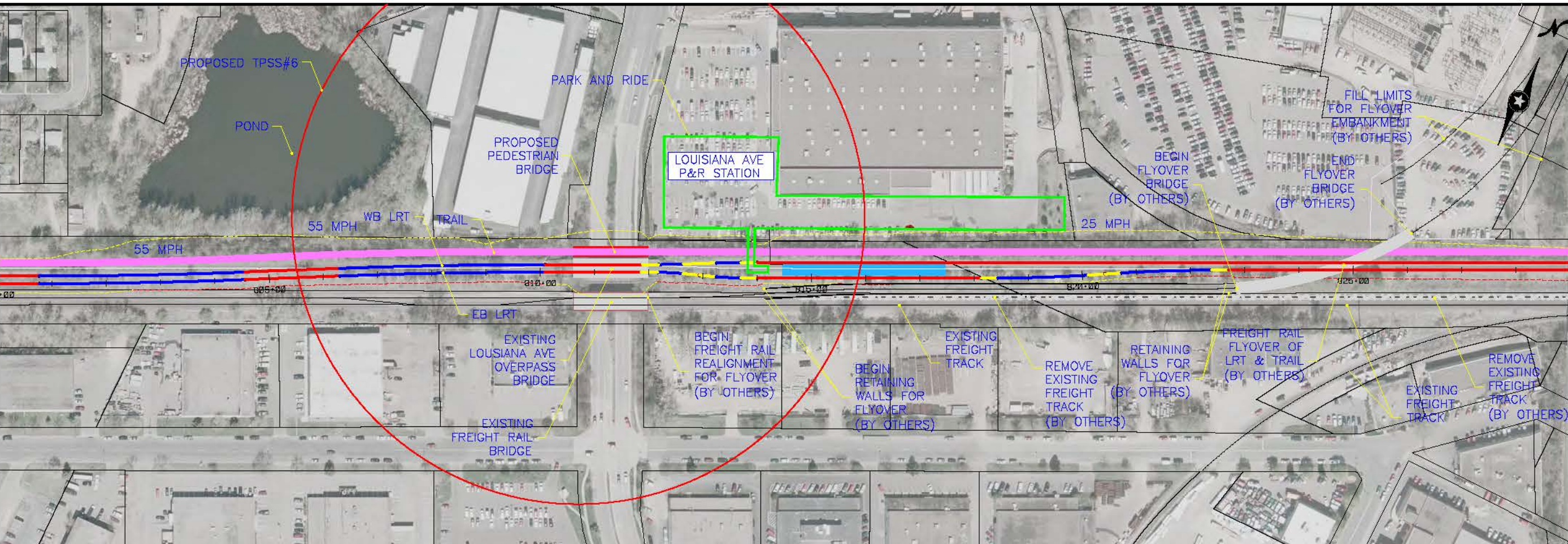


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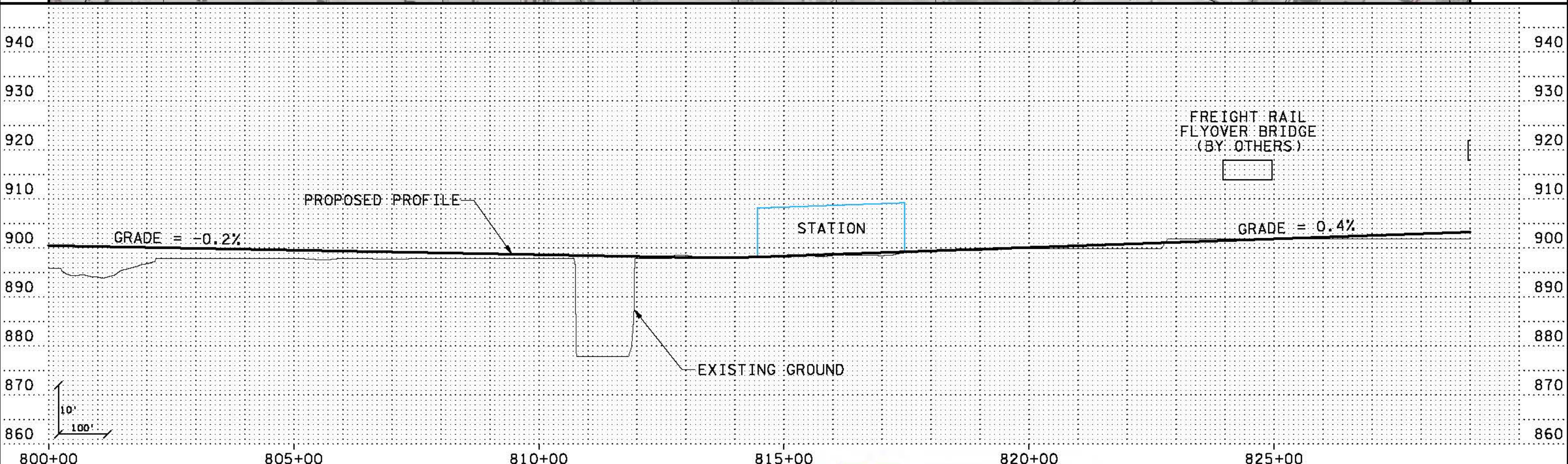
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 LRT ALTERNATIVE SEGMENT 4  
 PLAN AND PROFILE  
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**SHEET  
5  
OF  
10**

MATCH LINE STA 800+00 = STA 742+92  
SEE SHEET 5

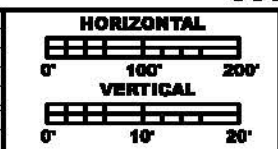


MATCH LINE STA 829+00  
SEE SHEET 7



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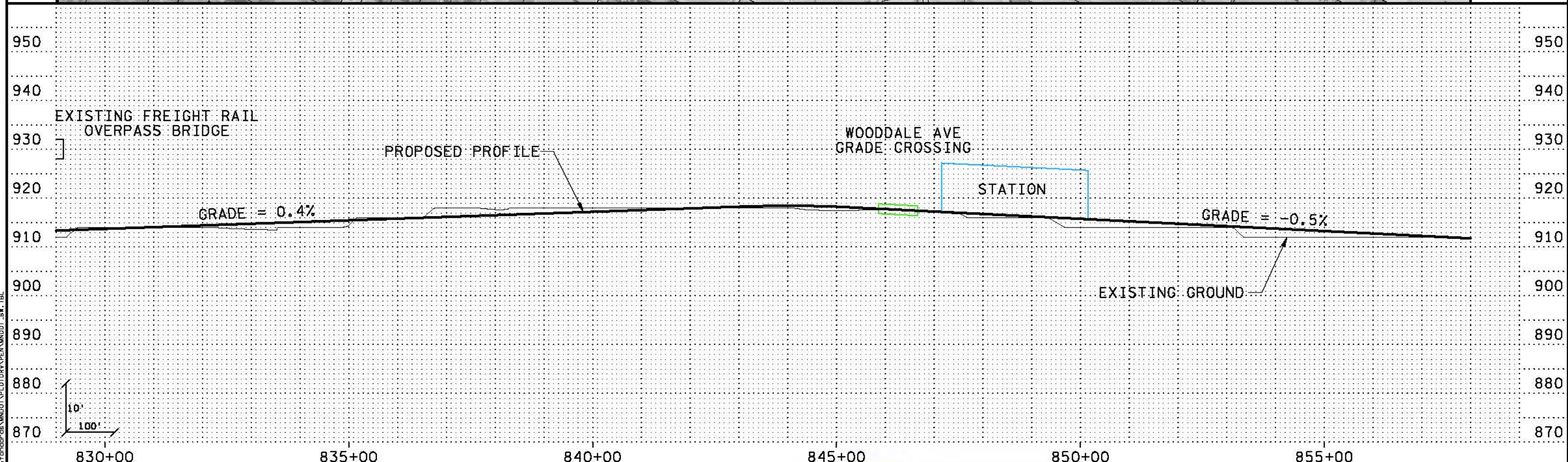
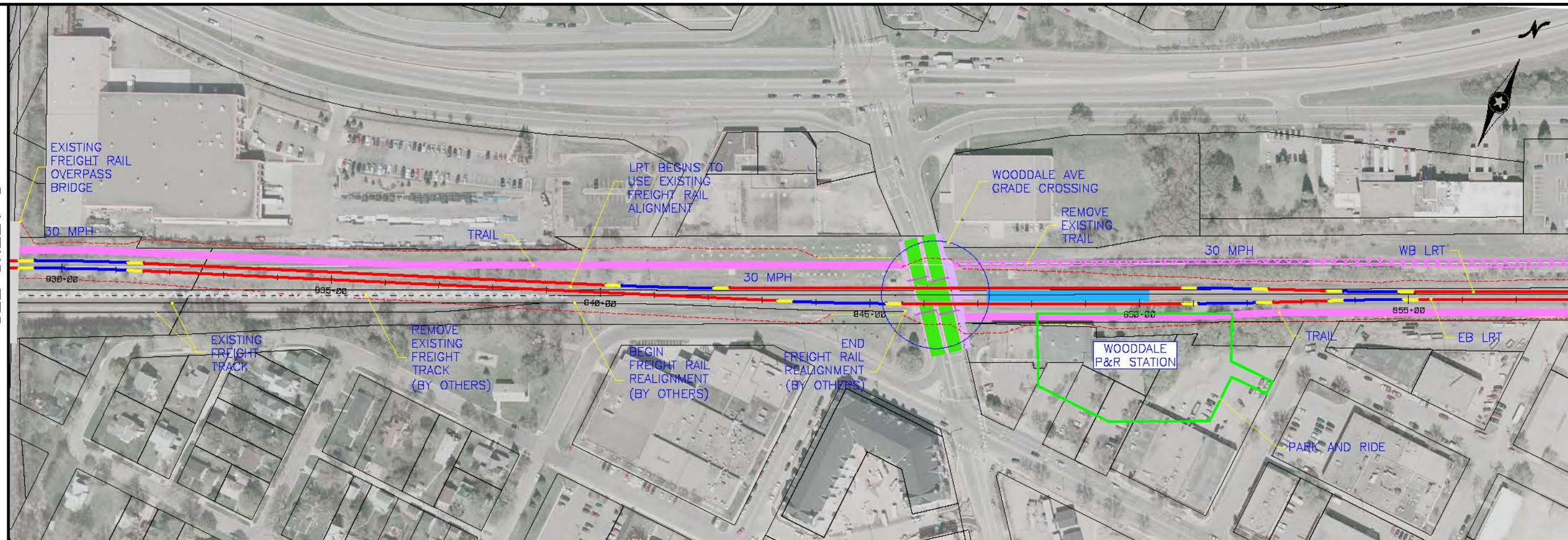
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<b>SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN</b>		<b>SHEET</b>
LRT ALTERNATIVE SEGMENT 4		<b>6</b>
PLAN AND PROFILE		<b>OF</b>
STA: 800+00 - 829+00		<b>10</b>



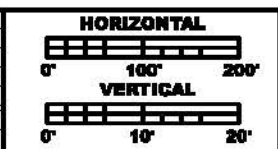
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SEE SHEET 6

MATCH LINE STA 858+00  
SEE SHEET 8



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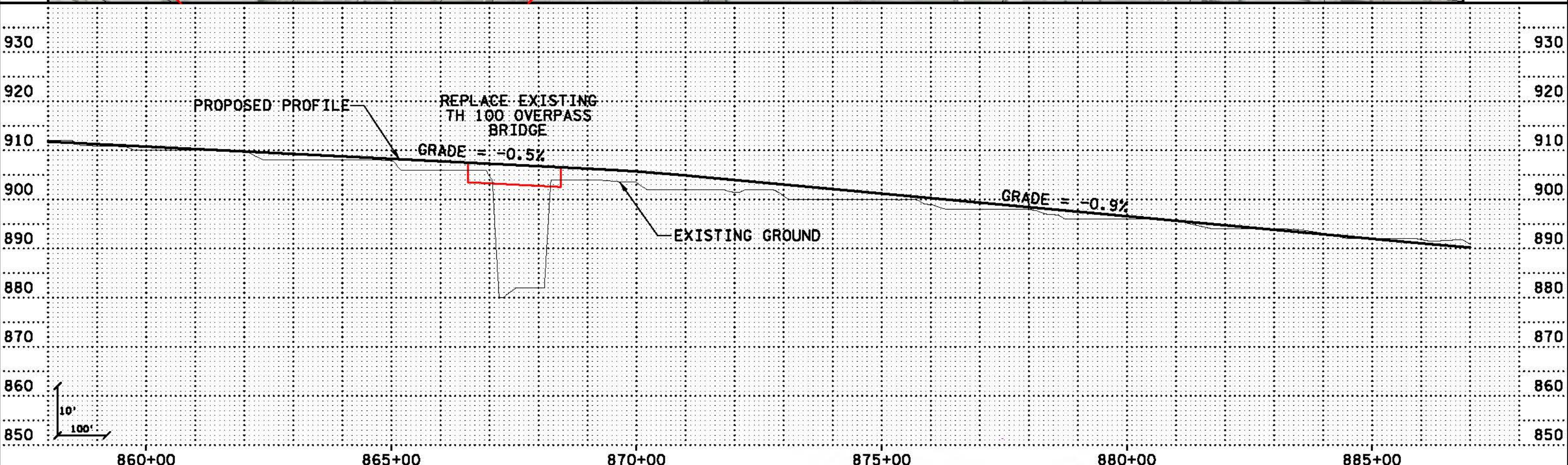
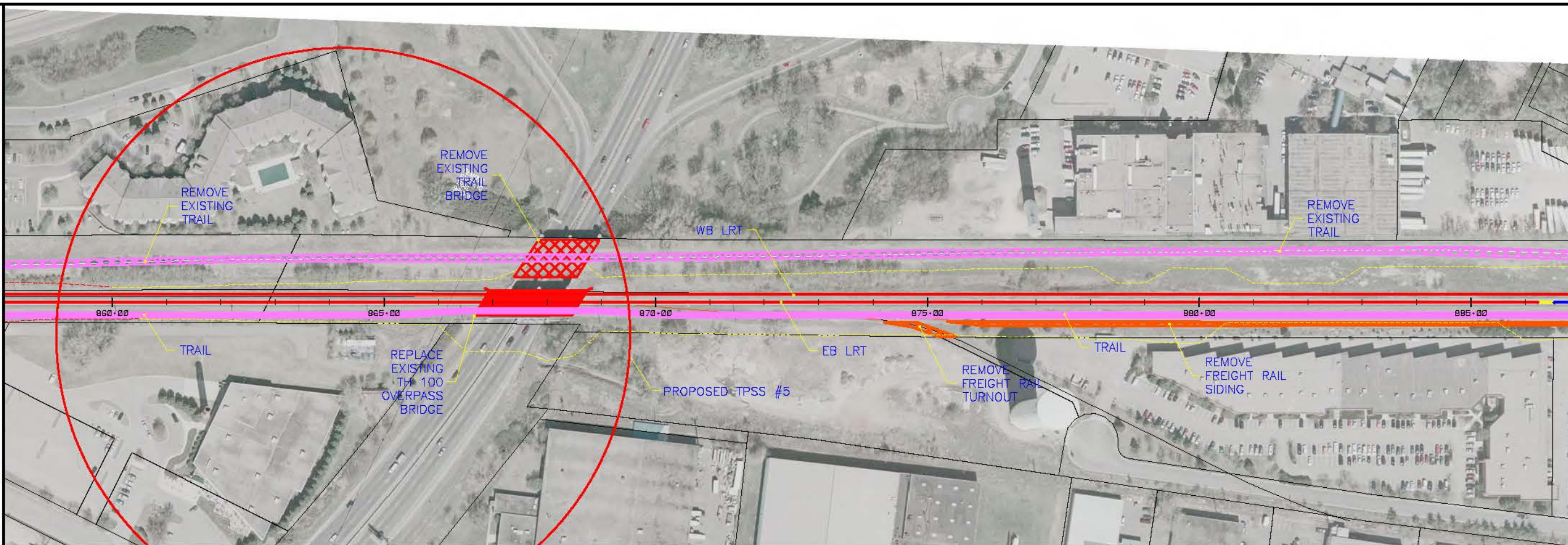


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<b>SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN</b>		<b>SHEET</b>
LRT ALTERNATIVE SEGMENT 4		<b>7</b>
PLAN AND PROFILE		<b>OF</b>
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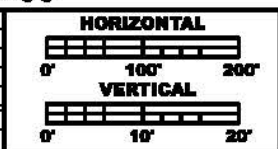
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SEE SHEET 7

MATCH LINE STA 887+00  
SEE SHEET 9



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NO	DATE	BY	CKD	APPR	REVISION



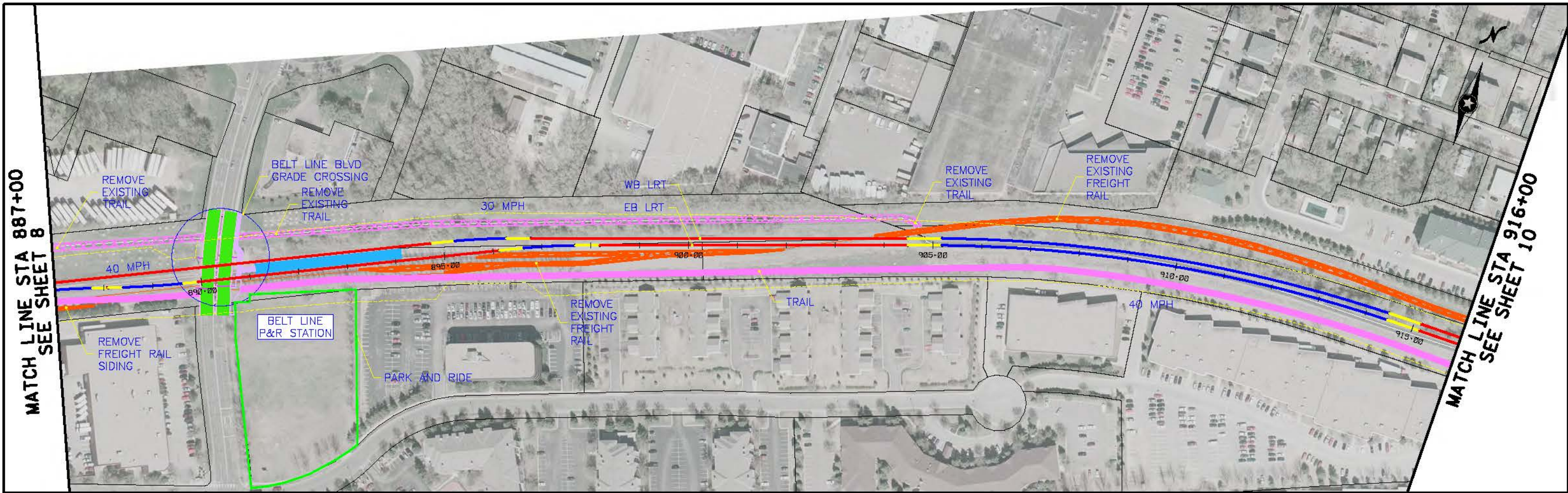
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**LRT ALTERNATIVE SEGMENT 4**  
**PLAN AND PROFILE**  
**STA: 858+00 - 887+00**

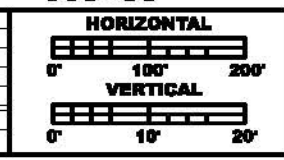
**SHEET  
8  
OF  
10**



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NO	DATE	BY	CHKD	APPR	REVISION

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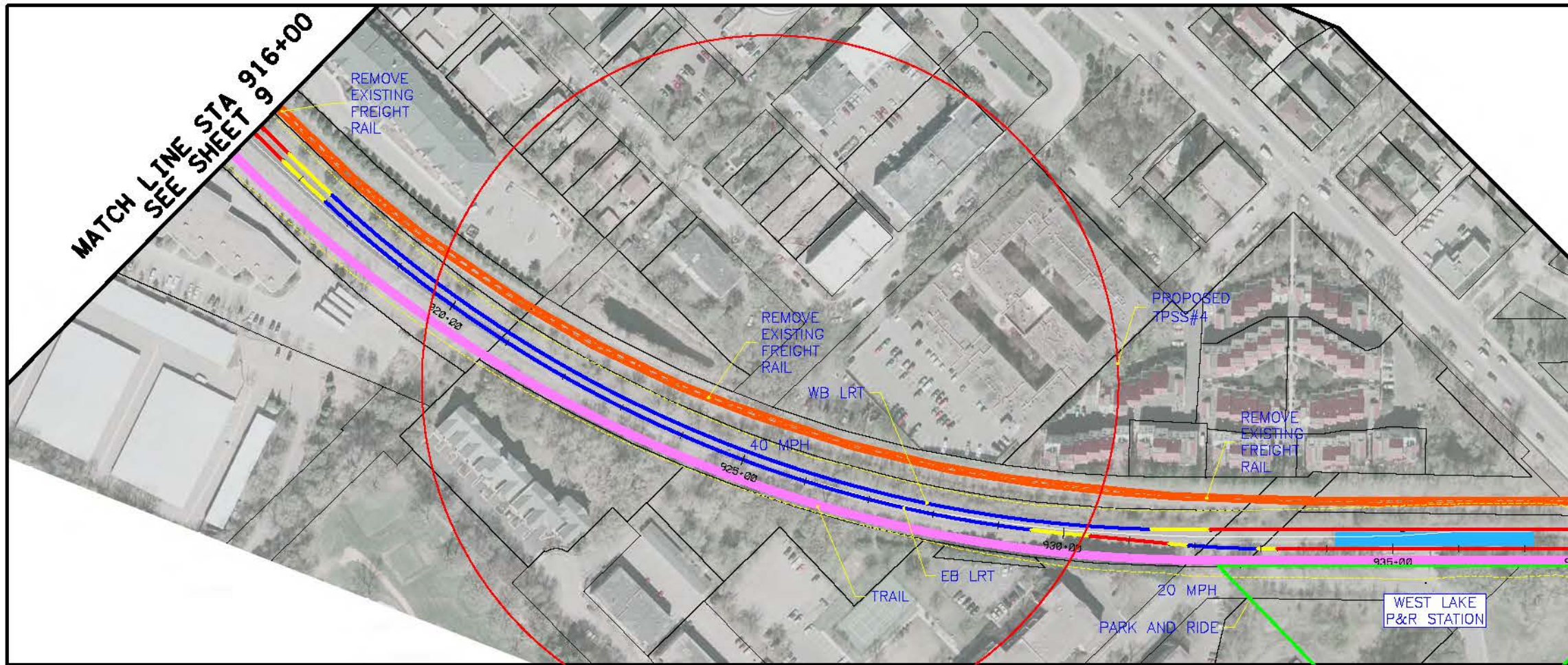
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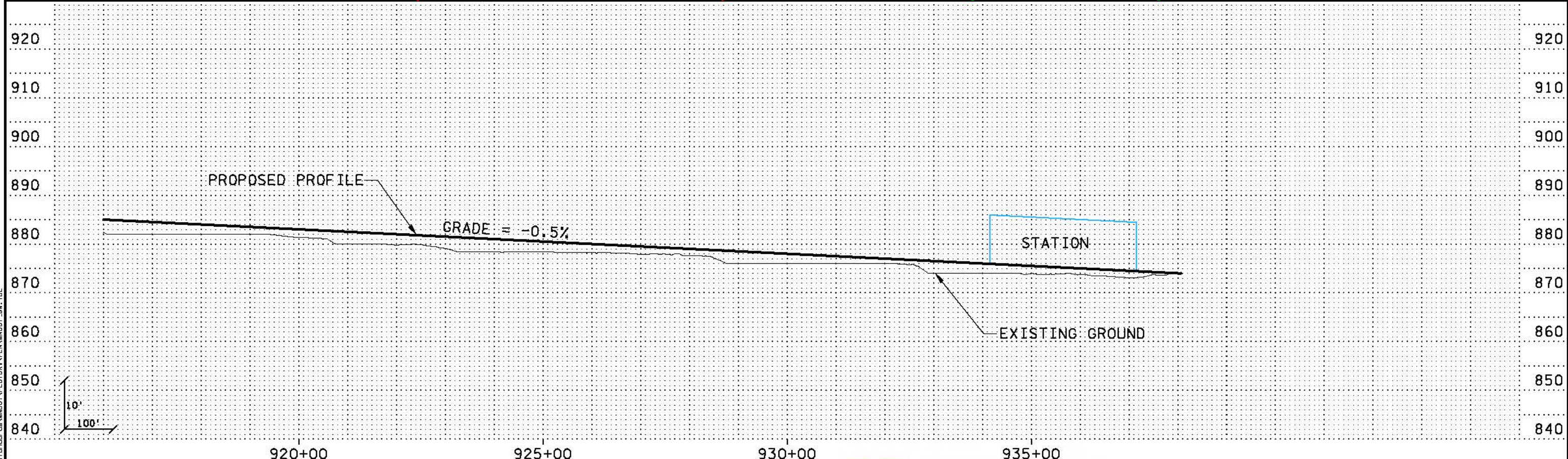
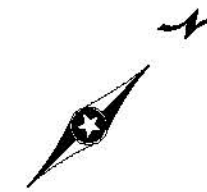
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**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT 4  
 PLAN AND PROFILE  
 STA: 887+00 - 916+00

**SHEET  
 9  
 OF  
 10**

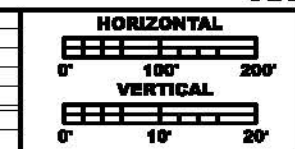


END SEGMENT LRT 4  
STA 937+89



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NO	DATE	BY	CHKD	APPR	REVISION

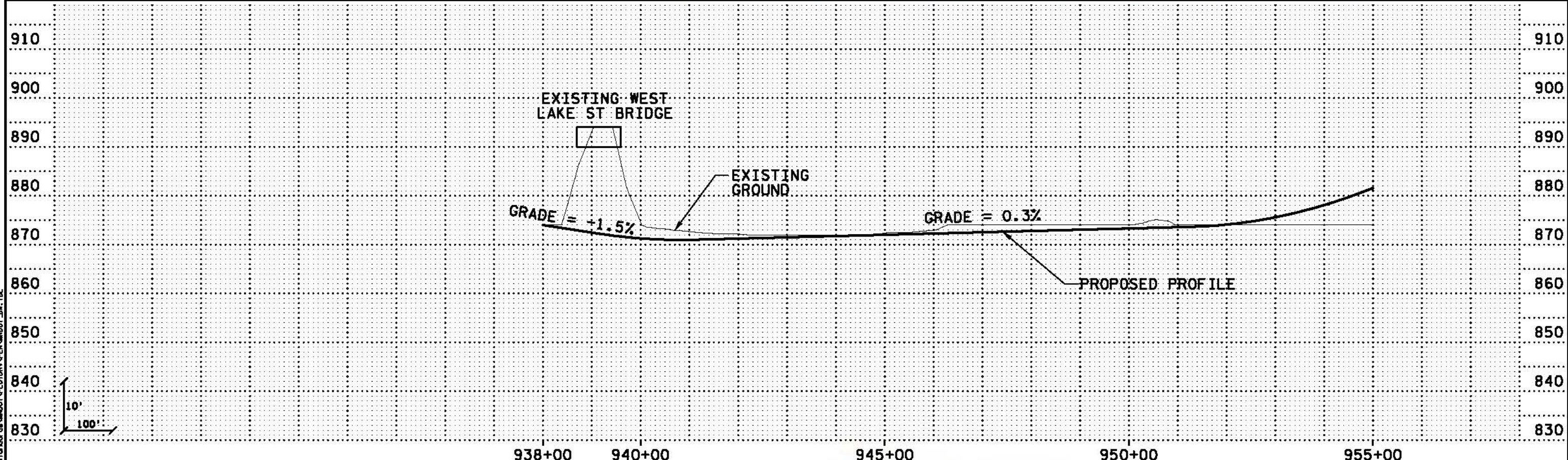
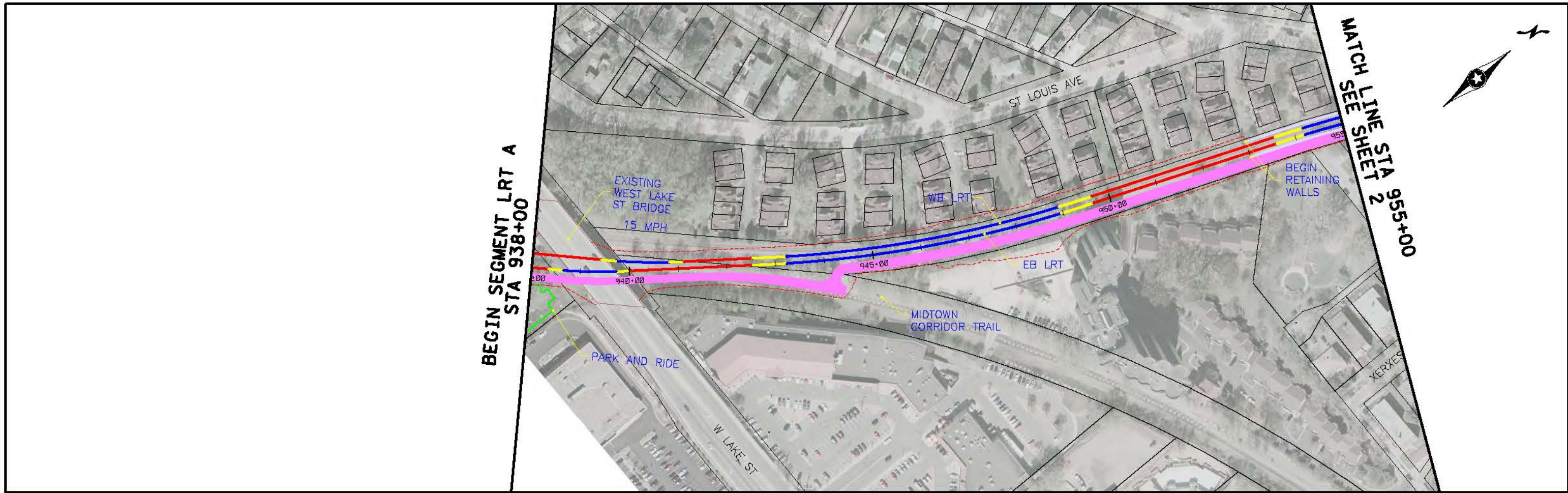


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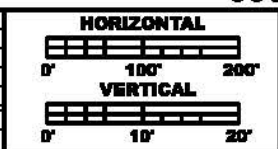
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<b>SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN</b>		<b>SHEET</b>
LRT ALTERNATIVE SEGMENT 4		<b>10</b>
PLAN AND PROFILE		<b>OF</b>
STA: 916+00 - 937+89		<b>10</b>



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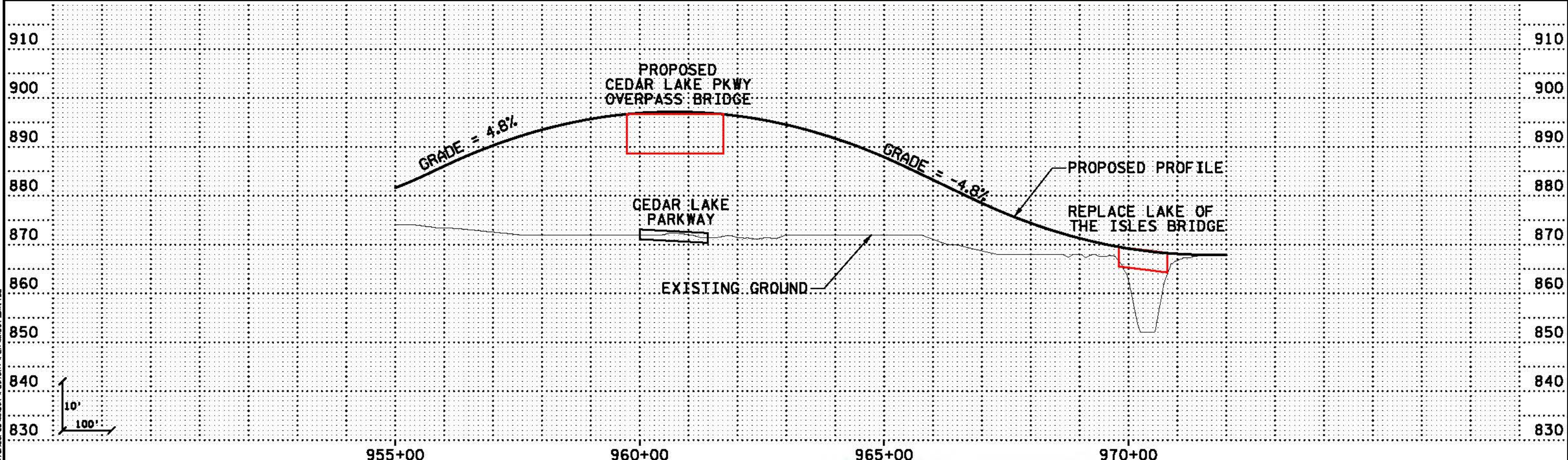
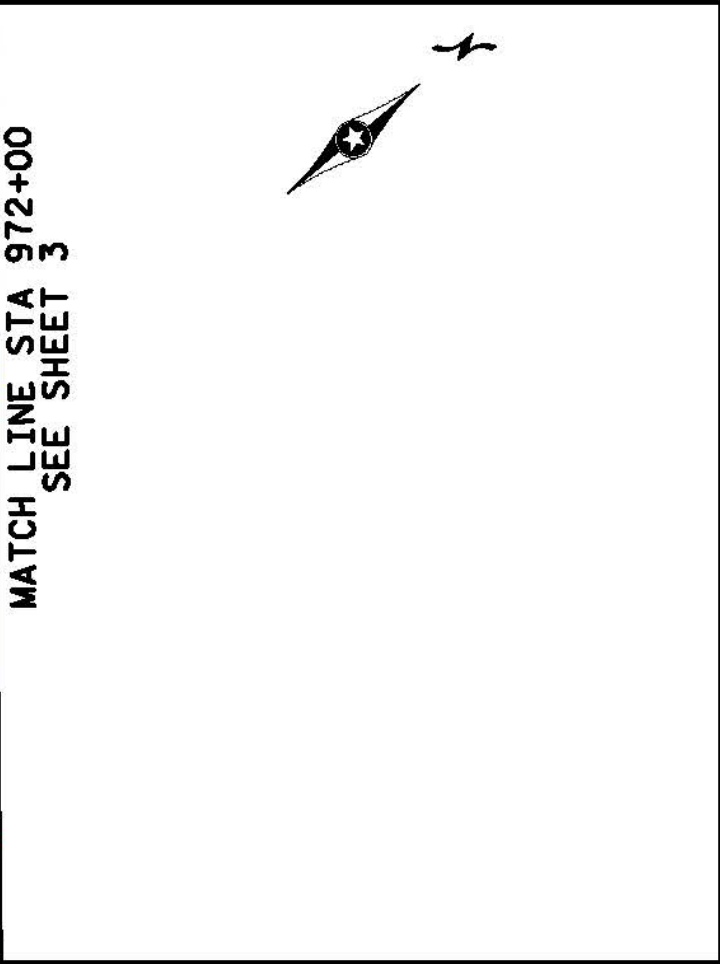
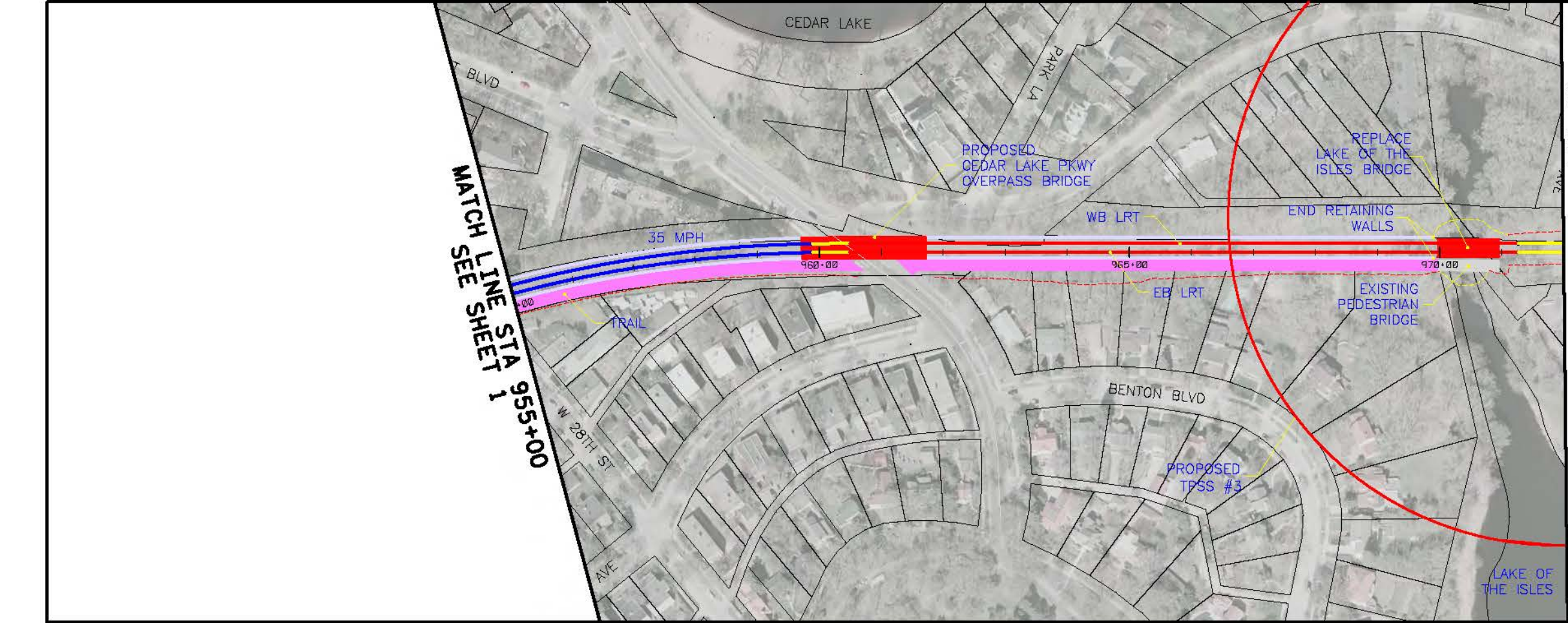
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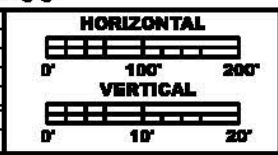
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**LRT ALTERNATIVE SEGMENT A**  
**PLAN AND PROFILE**  
**STA: 938+00 - 955+00**

**SHEET 1 OF 10**



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NO	DATE	BY	CHK	APPR	REVISION

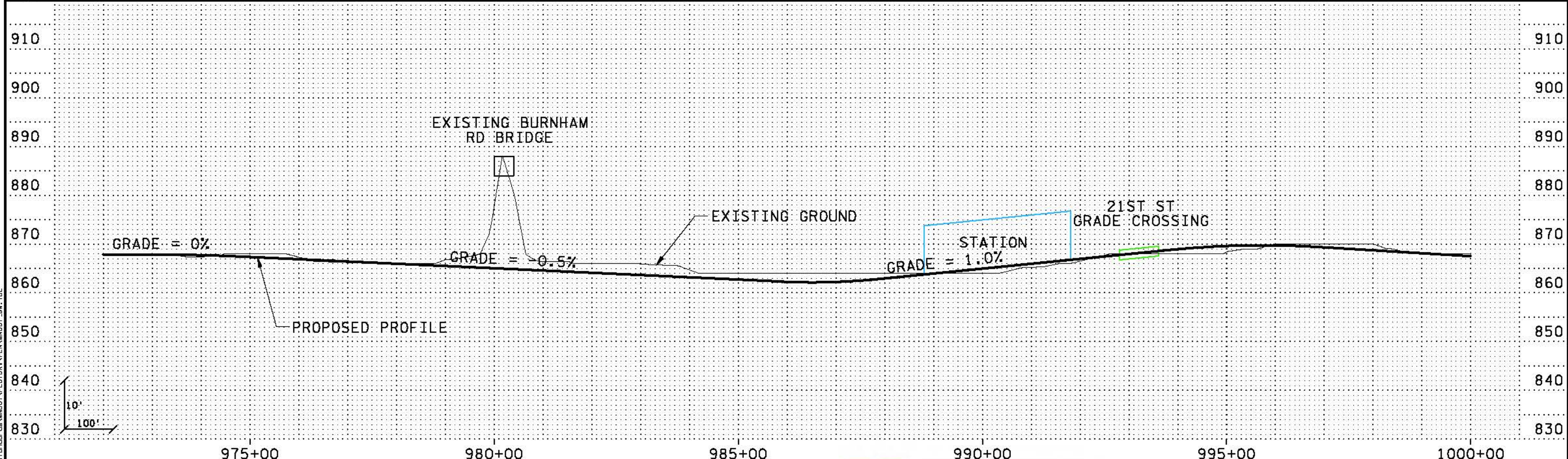
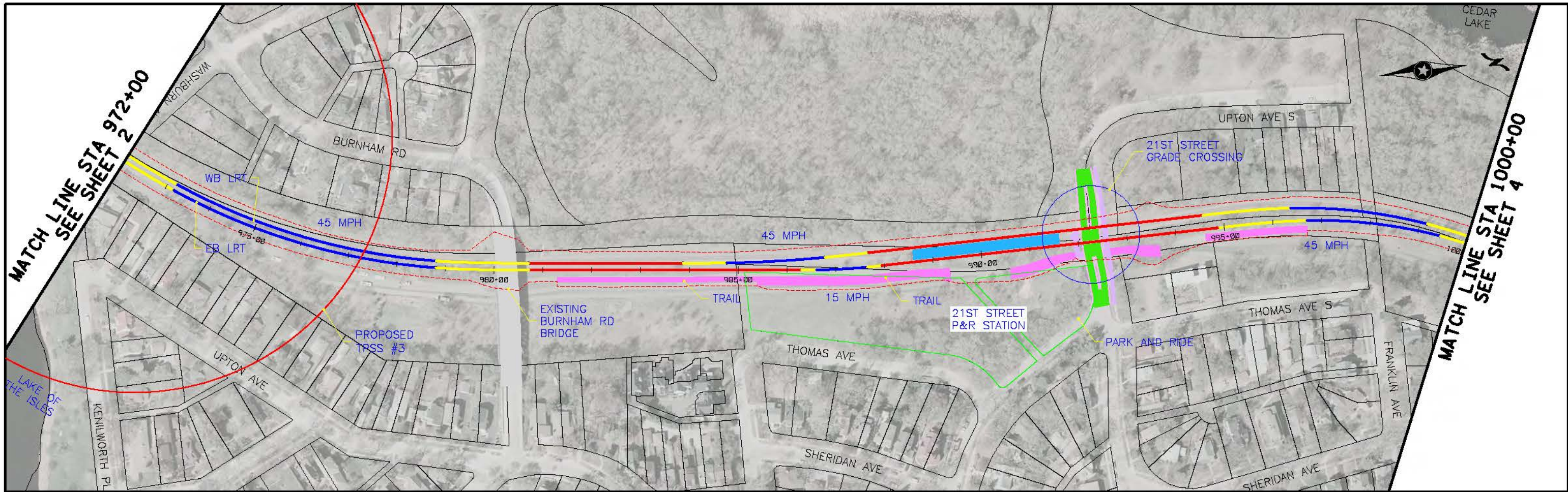


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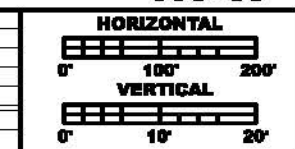
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COMM. NO.	

<b>SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN</b>		<b>SHEET</b> 2 OF 10
<b>LRT ALTERNATIVE SEGMENT A</b> <b>PLAN AND PROFILE</b> <b>STA: 955+00 - 972+00</b>		



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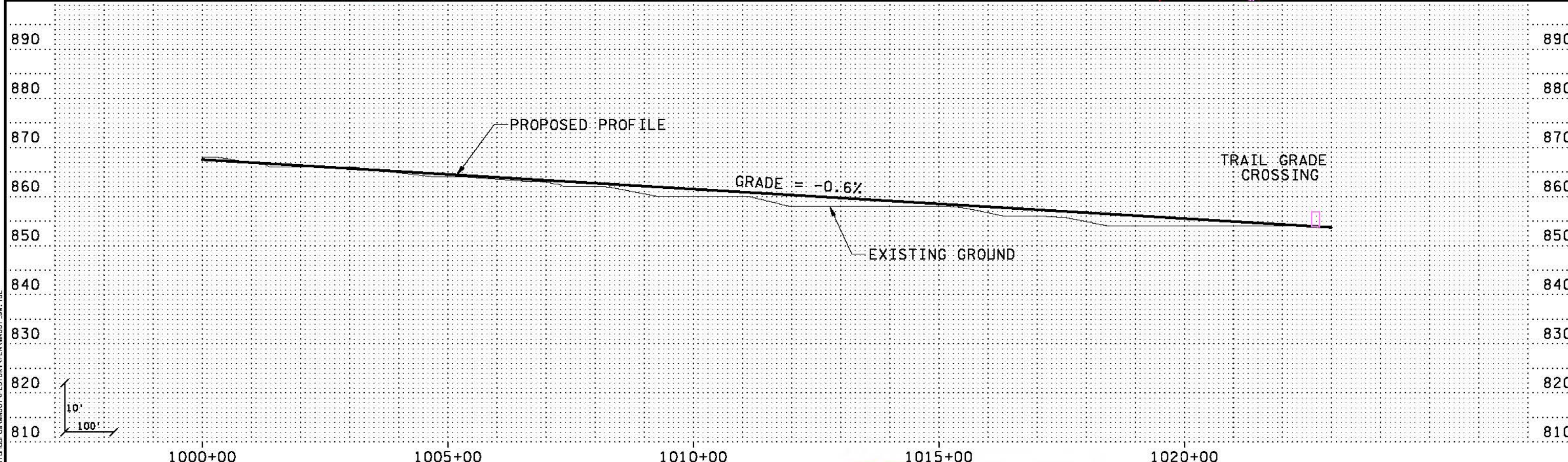


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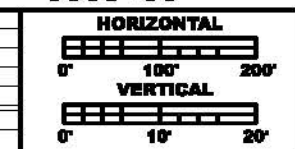
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 PLAN AND PROFILE  
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**SHEET 3 OF 10**



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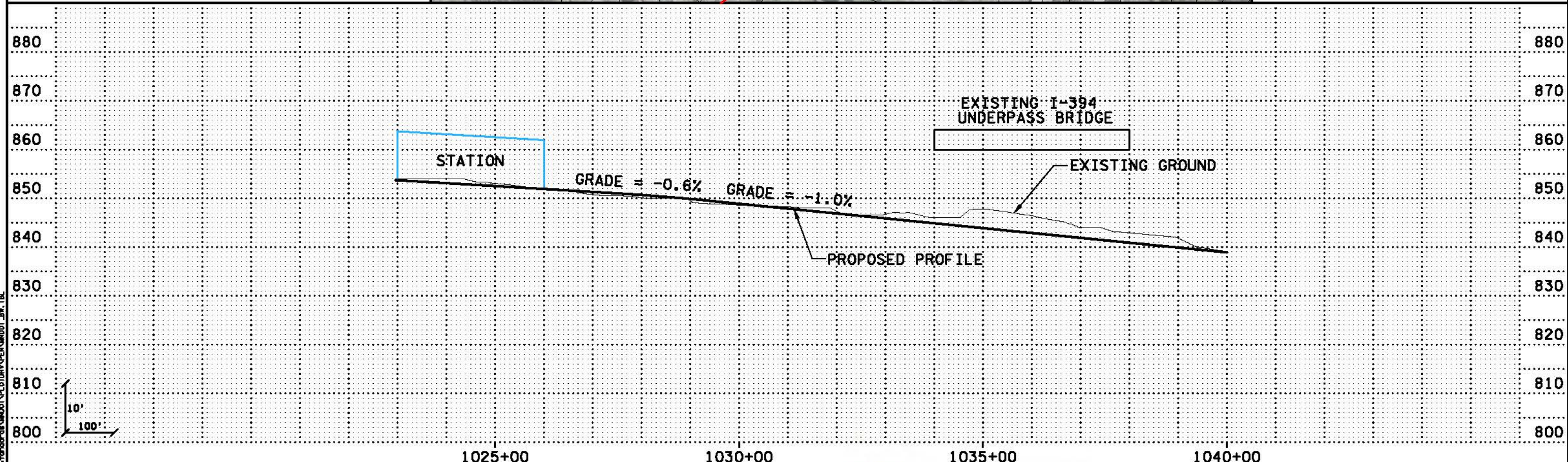
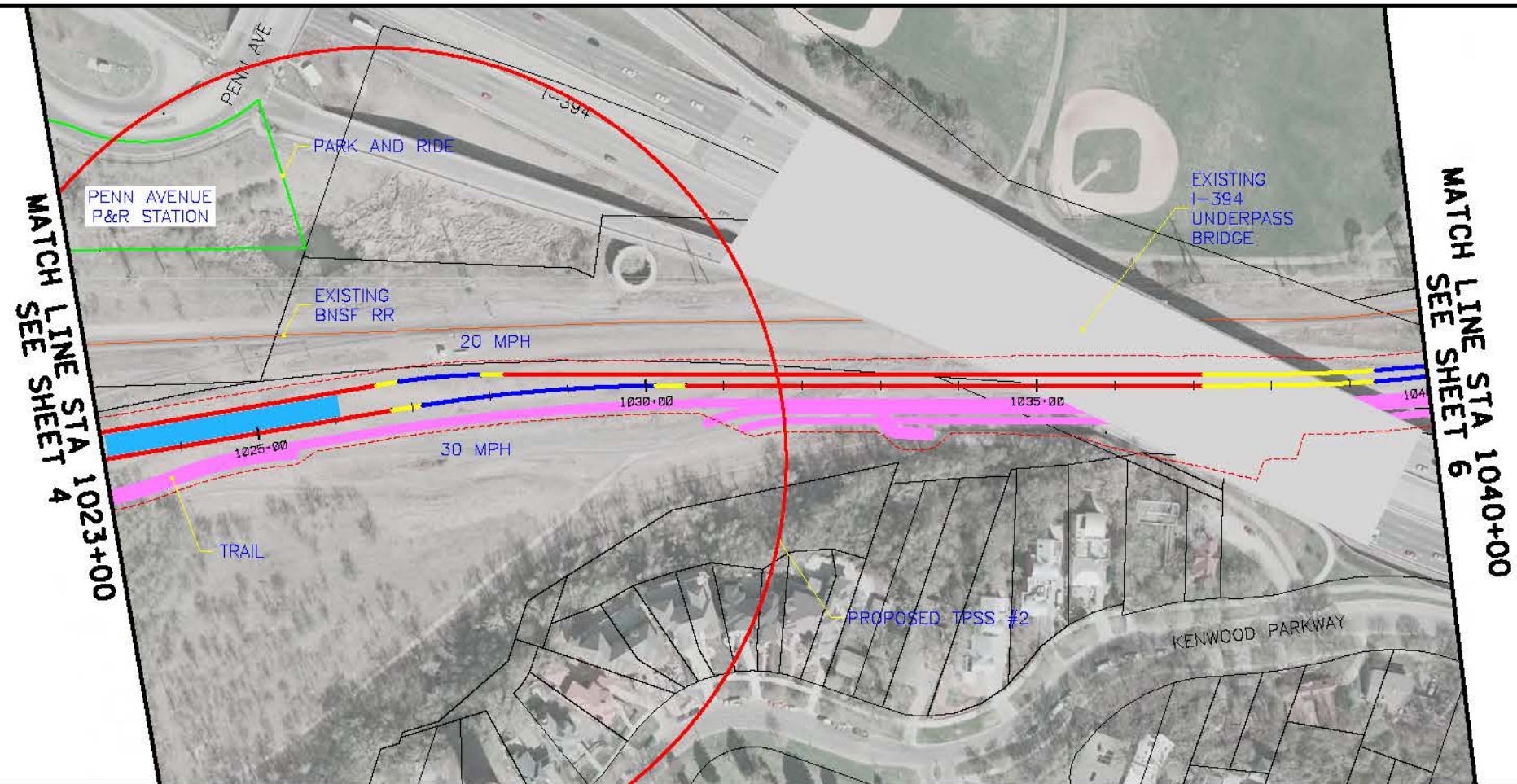


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 PLAN AND PROFILE  
 STA: 1000+00 - 1023+00

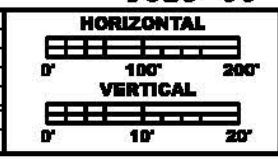
**SHEET  
4  
OF  
10**



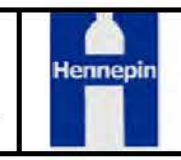


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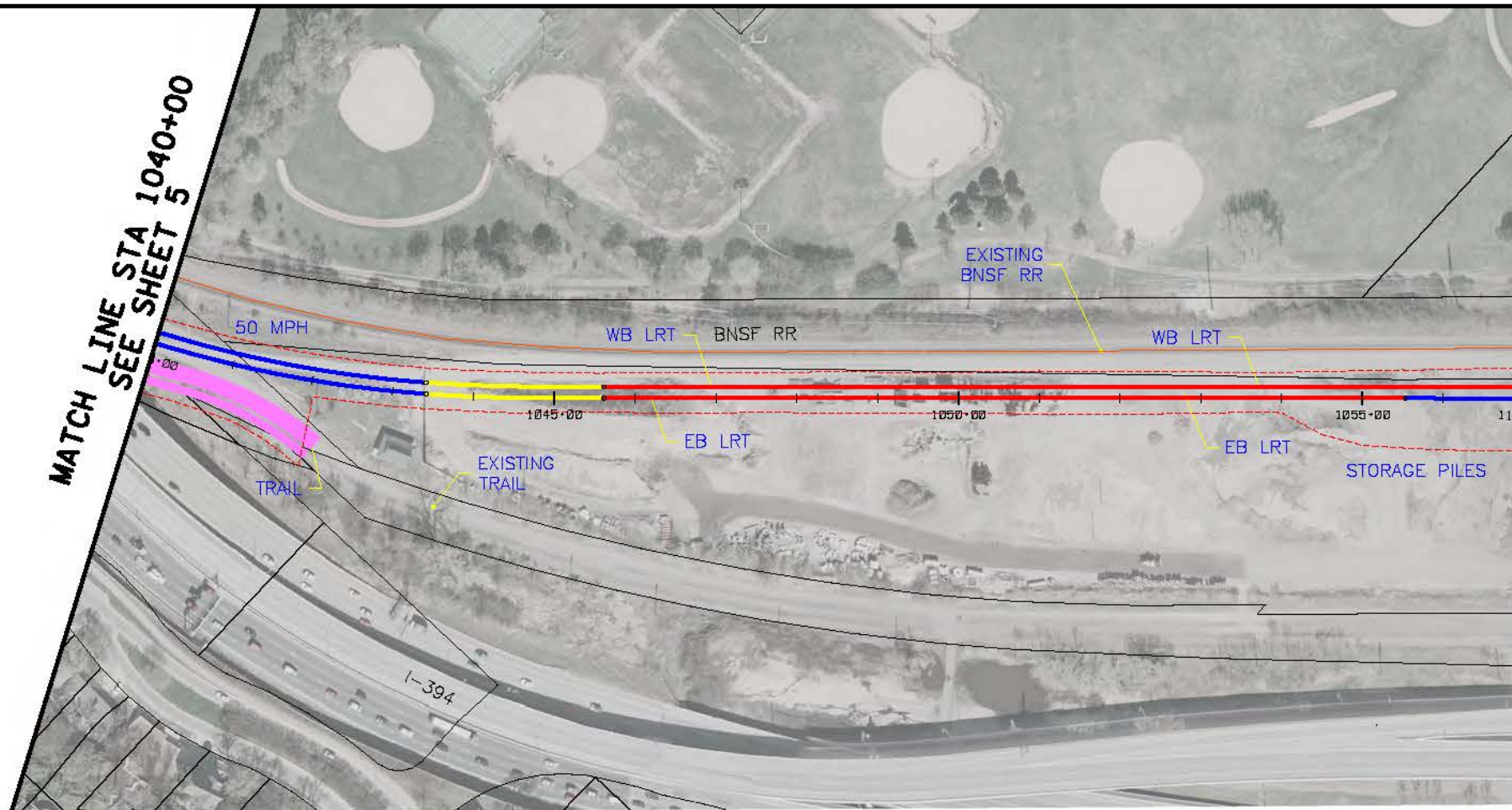


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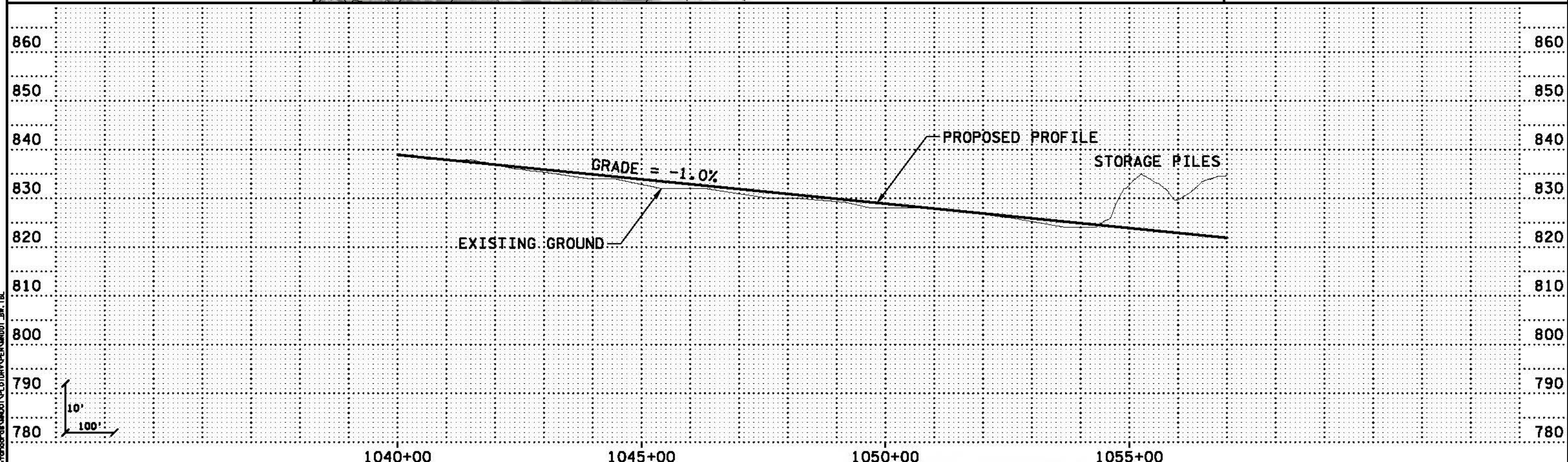
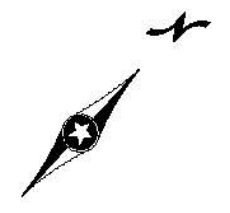
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**LRT ALTERNATIVE SEGMENT A**  
**PLAN AND PROFILE**  
**STA: 1023+00 - 1040+00**

**SHEET  
 5  
 OF  
 10**

MATCH LINE STA 1040+00  
SEE SHEET 5

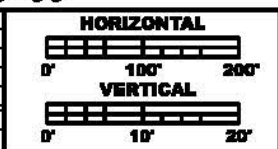


MATCH LINE STA 1057+00 = STA 1100+00  
SEE SHEET 7



5/17/2010 5:07:03 PM  
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NO	DATE	BY	CHKD	APPR	REVISION



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CONSTRUCTION**



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COMM. NO.

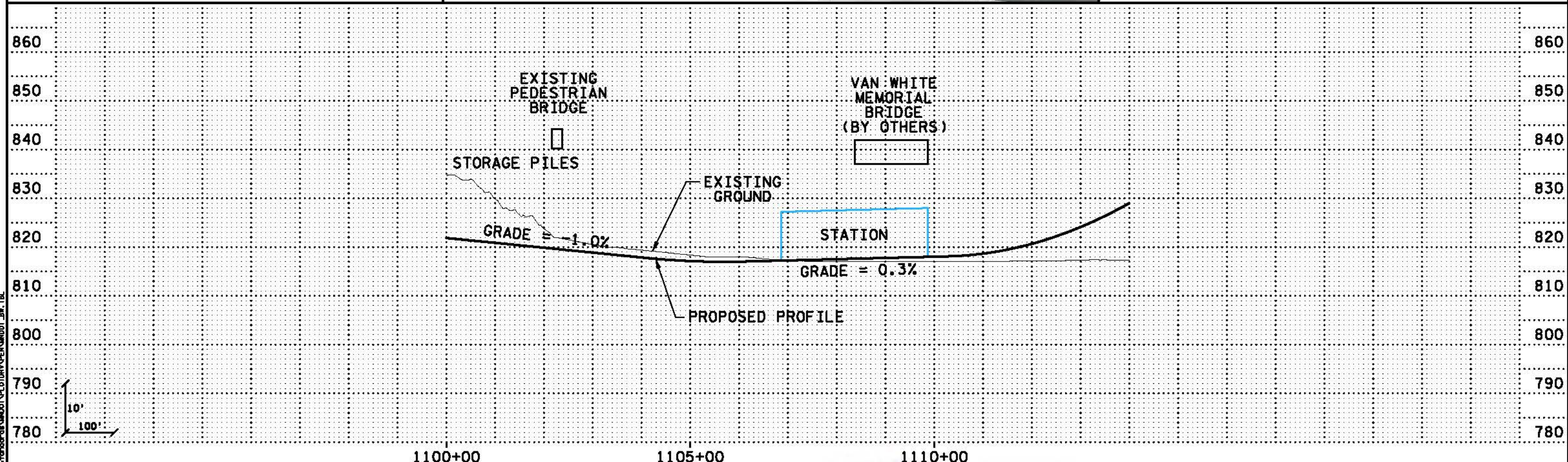
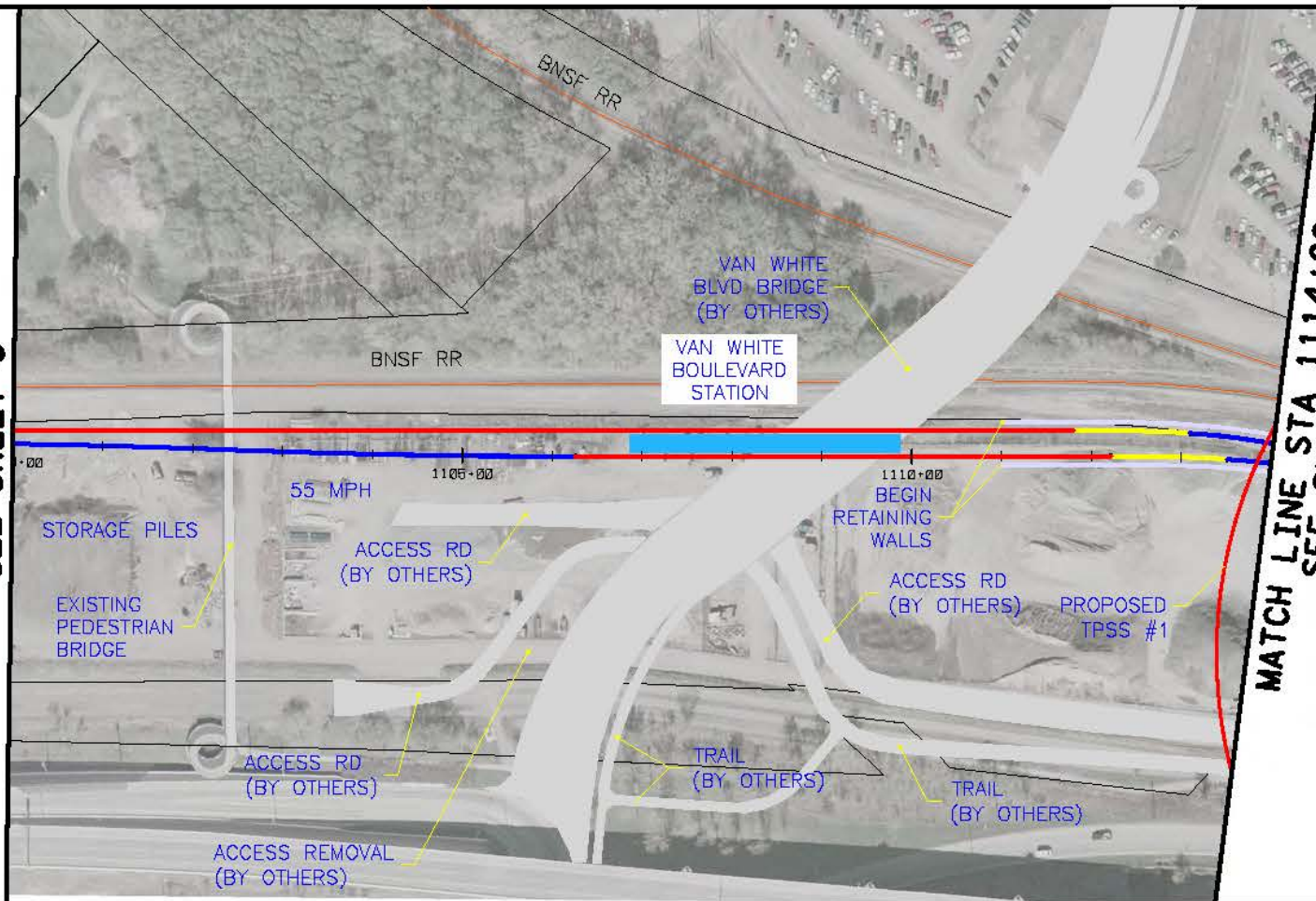
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**LRT ALTERNATIVE SEGMENT A**  
**PLAN AND PROFILE**  
**STA: 1040+00 - 1057+00**

**SHEET  
6  
OF  
10**



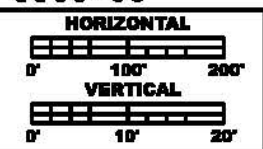
MATCH LINE STA 1100+00 = STA 1057+00  
SEE SHEET 6

MATCH LINE STA 1114+00  
SEE SHEET 8



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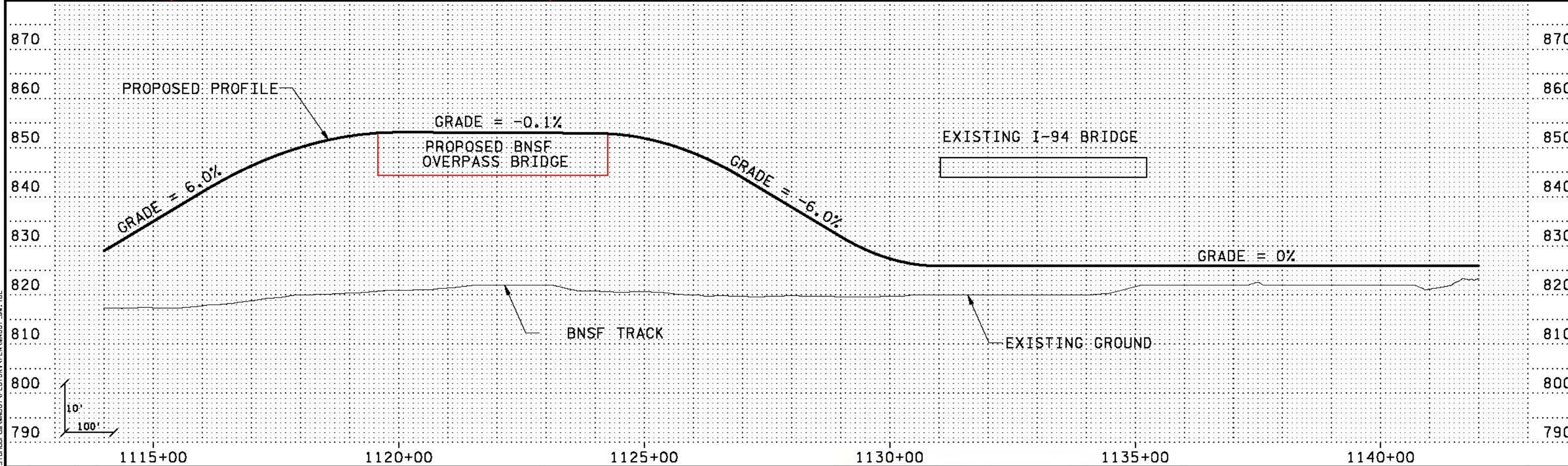
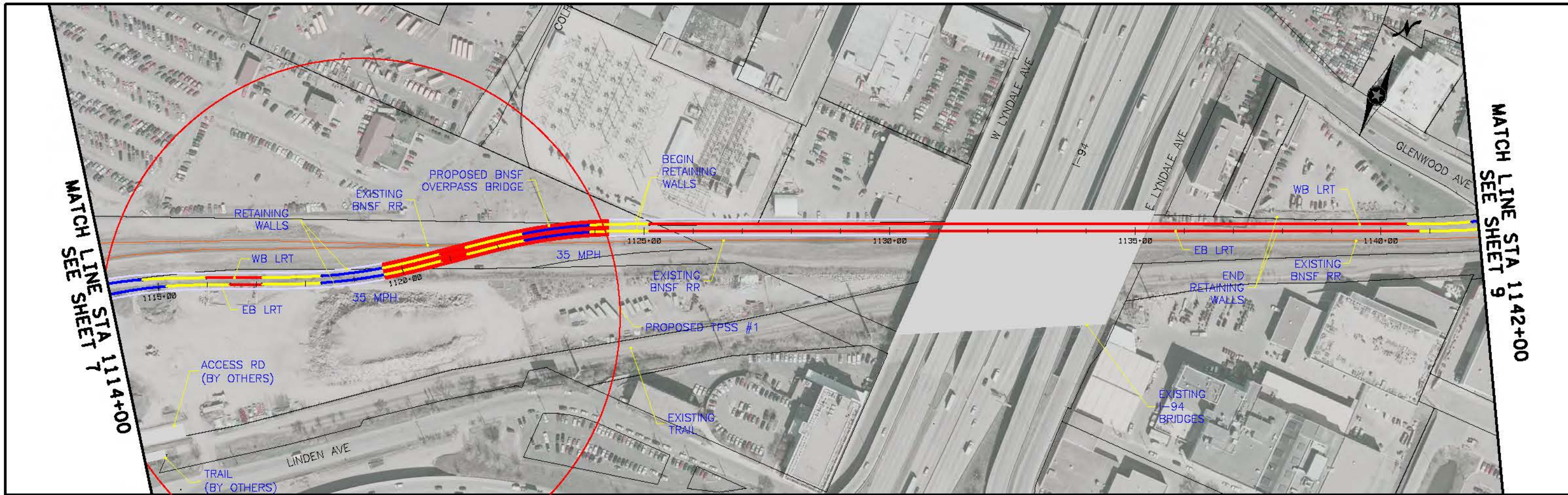
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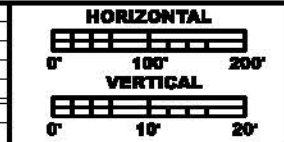
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
LRT ALTERNATIVE SEGMENT A  
PLAN AND PROFILE  
STA: 1100+00 - 1114+00

**SHEET  
7  
OF  
10**



2:41:53 PM  
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NO	DATE	BY	CHKD	APPR	REVISION

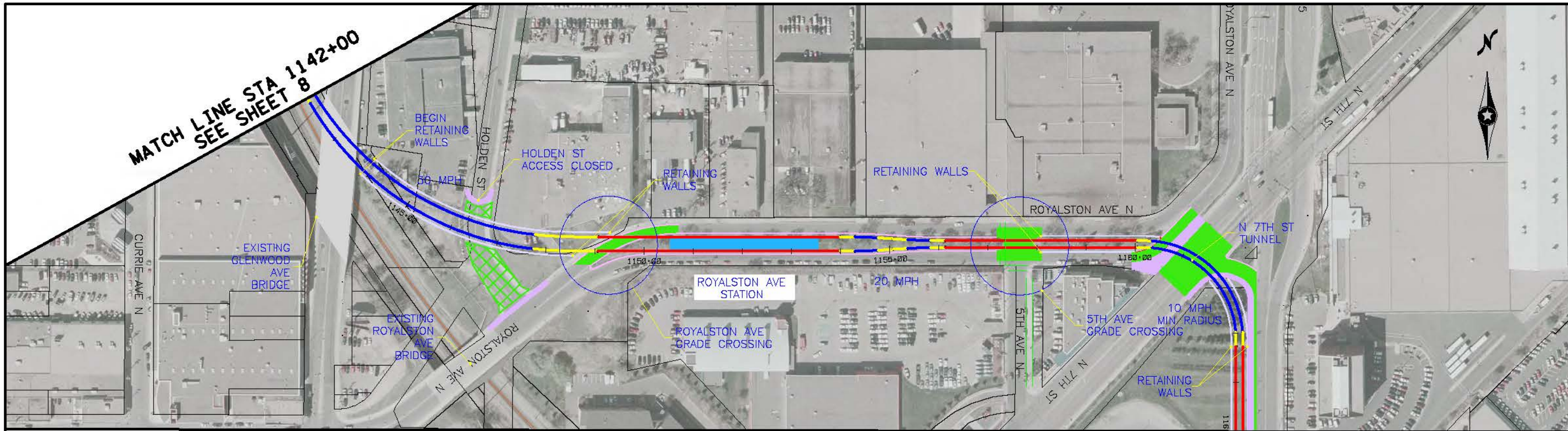


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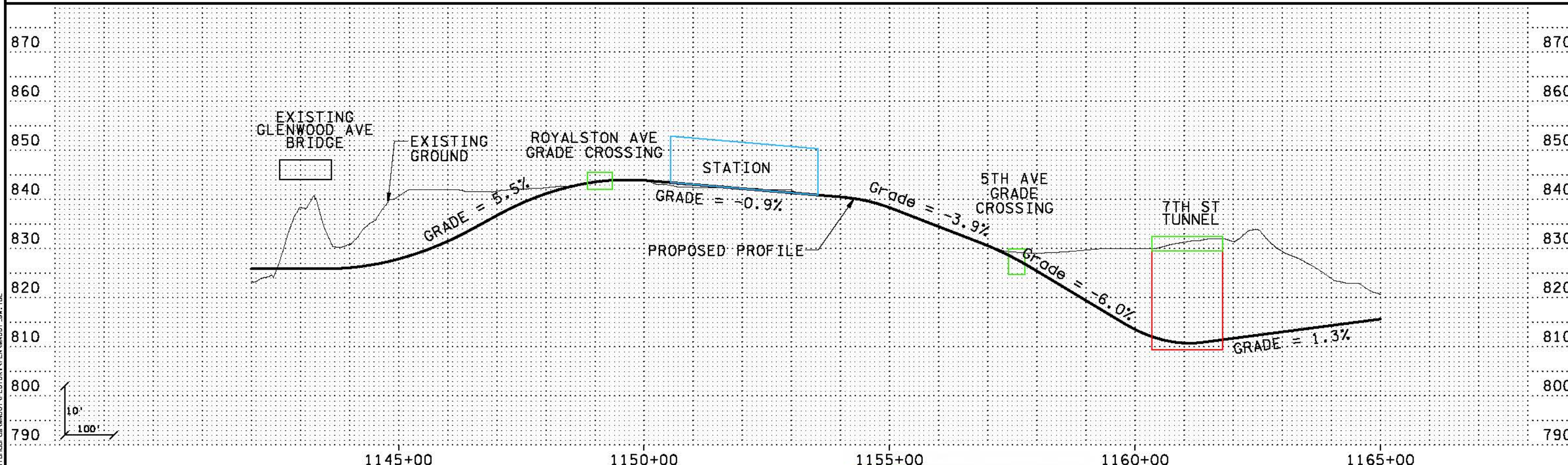
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**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN** SHEET **8** OF **10**  
 LRT ALTERNATIVE SEGMENT A  
 PLAN AND PROFILE  
 STA: 1114+00 - 1142+00



MATCH LINE STA 1142+00  
SEE SHEET 8

MATCH LINE STA 1165+00  
SEE SHEET 10



3:35:09 PM  
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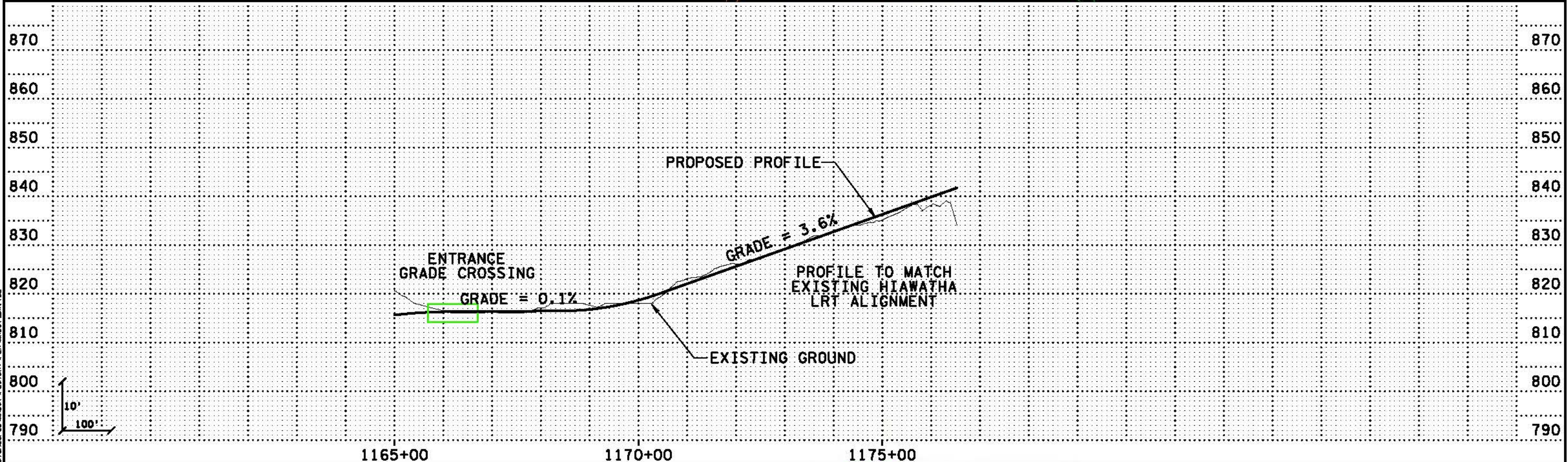
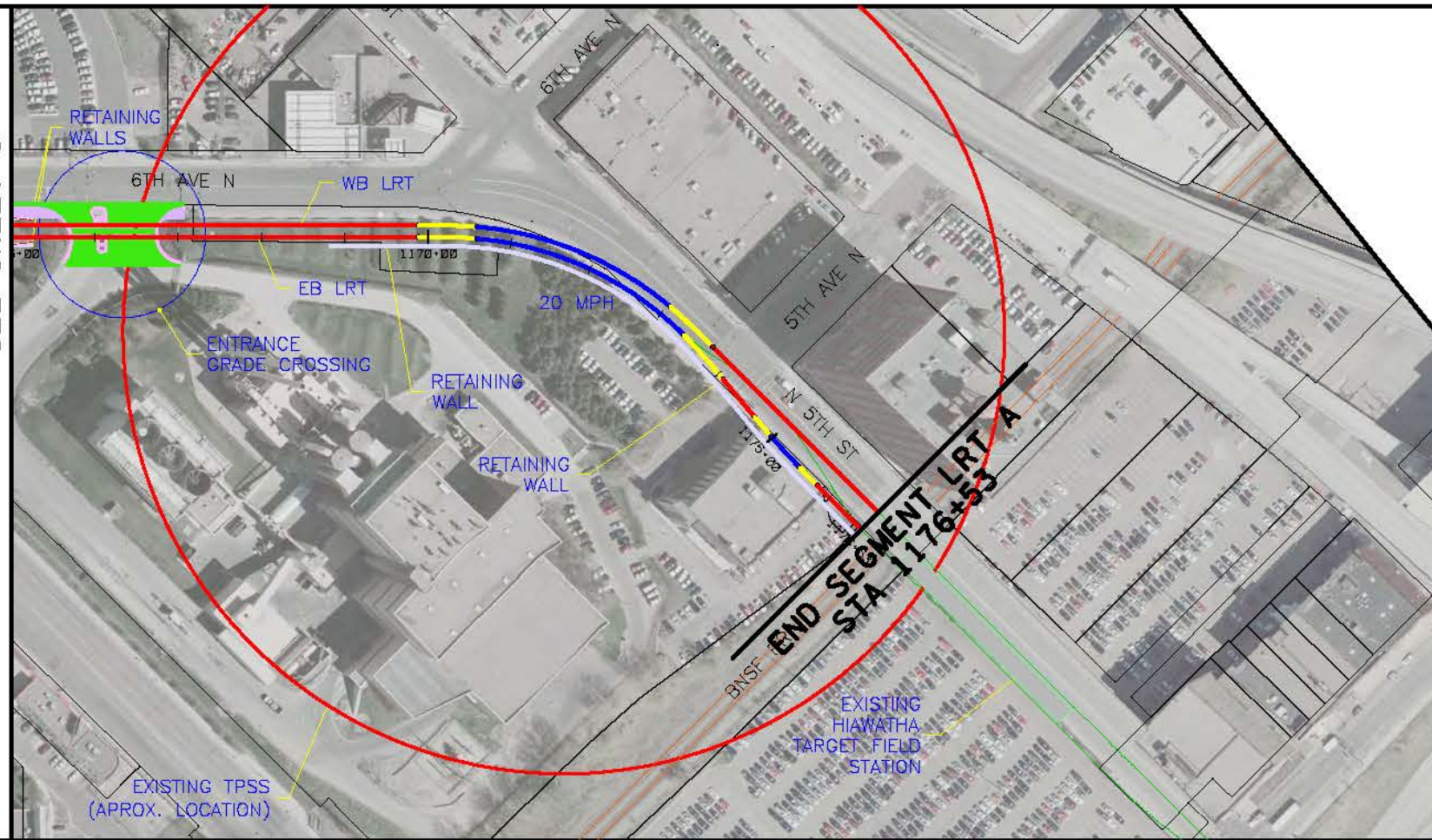


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COMM. NO.

**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT A  
 PLAN AND PROFILE  
 STA: 1142+00 - 1165+00

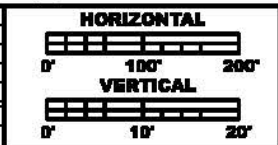
**SHEET  
9  
OF  
10**

MATCH LINE STA 1165+00  
SEE SHEET 9



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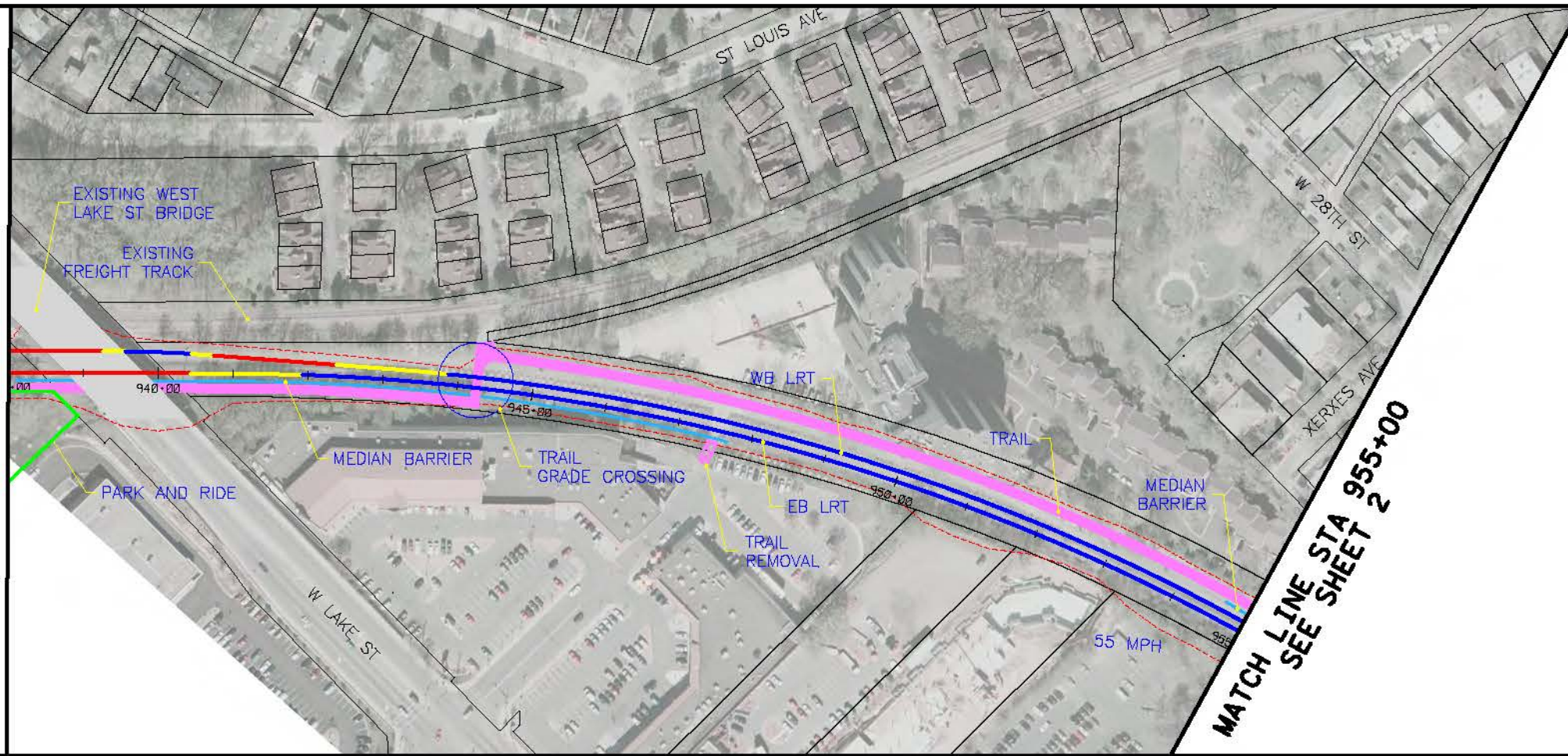


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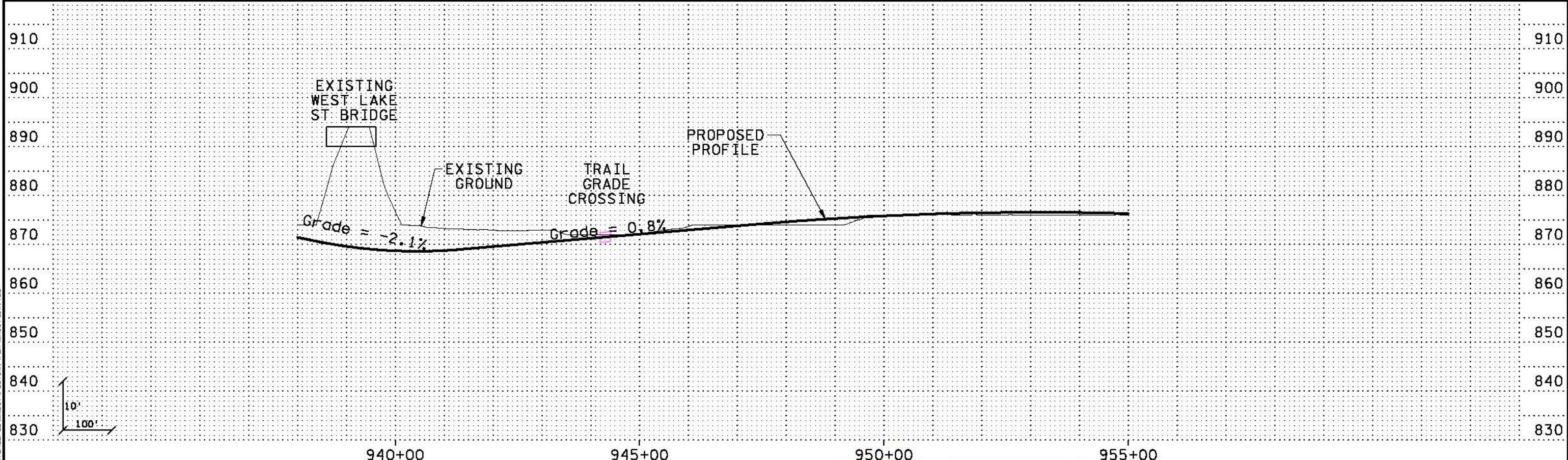
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**LRT ALTERNATIVE SEGMENT A**  
**PLAN AND PROFILE**  
 STA: 1165+00 - 1176+53

**SHEET  
10  
OF  
10**

BEGIN SEGMENT LRT C-1  
STA 938+00

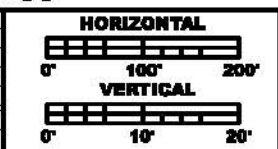


MATCH LINE STA 955+00  
SEE SHEET 2



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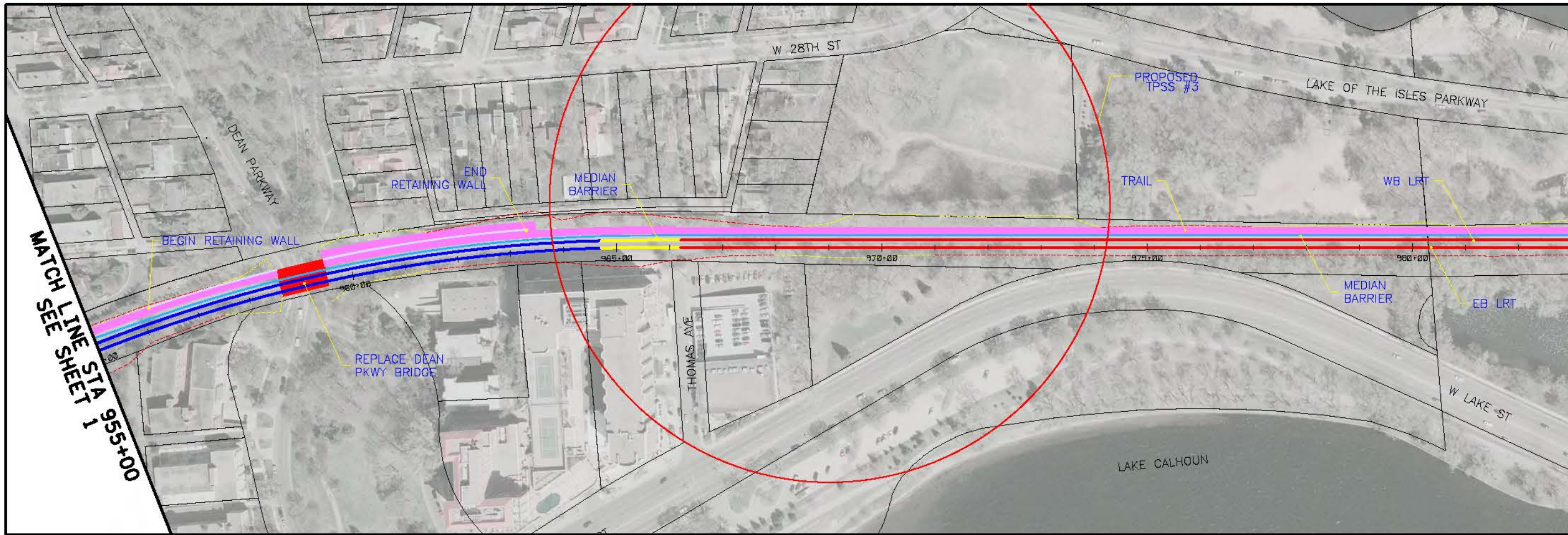
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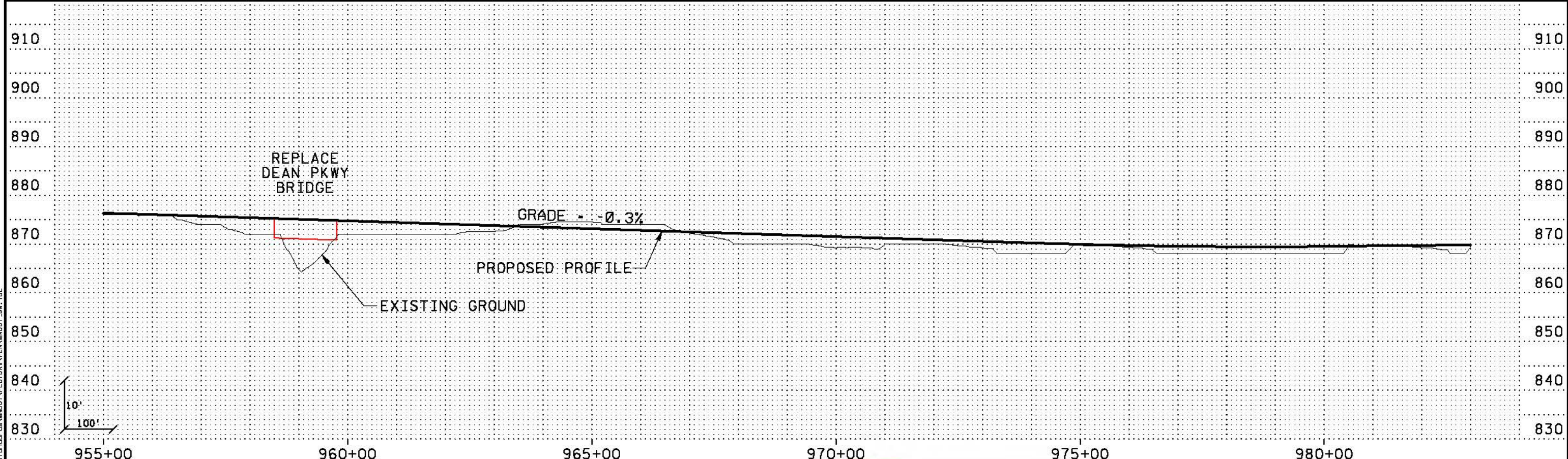
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**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT C-1  
 PLAN AND PROFILE  
 STA: 938+00 - 955+00

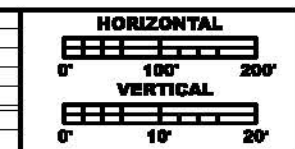
**SHEET  
1  
OF  
11**



MATCH LINE STA 983+00  
SEE SHEET 3



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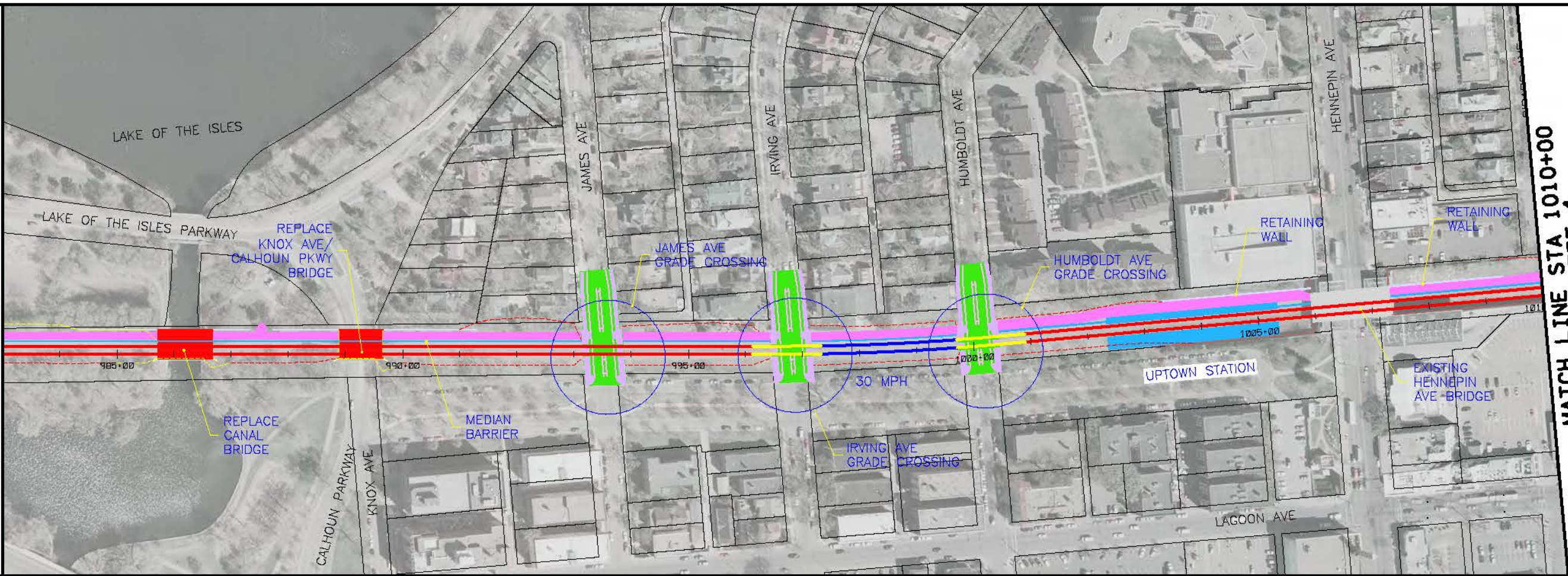
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
LRT ALTERNATIVE SEGMENT C-1  
PLAN AND PROFILE  
STA: 955+00 - 983+00

**SHEET  
2  
OF  
11**

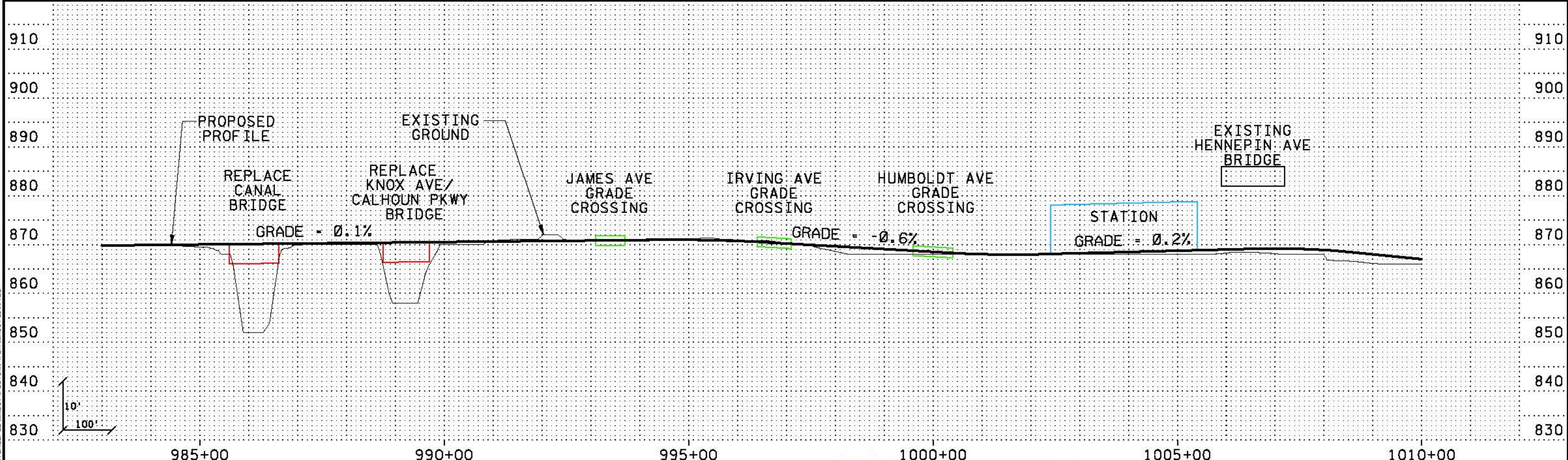
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MATCH LINE STA 983+00  
SEE SHEET 2

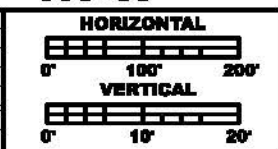


MATCH LINE STA 1010+00  
SEE SHEET 4



8/17/2010 5:38:52 PM  
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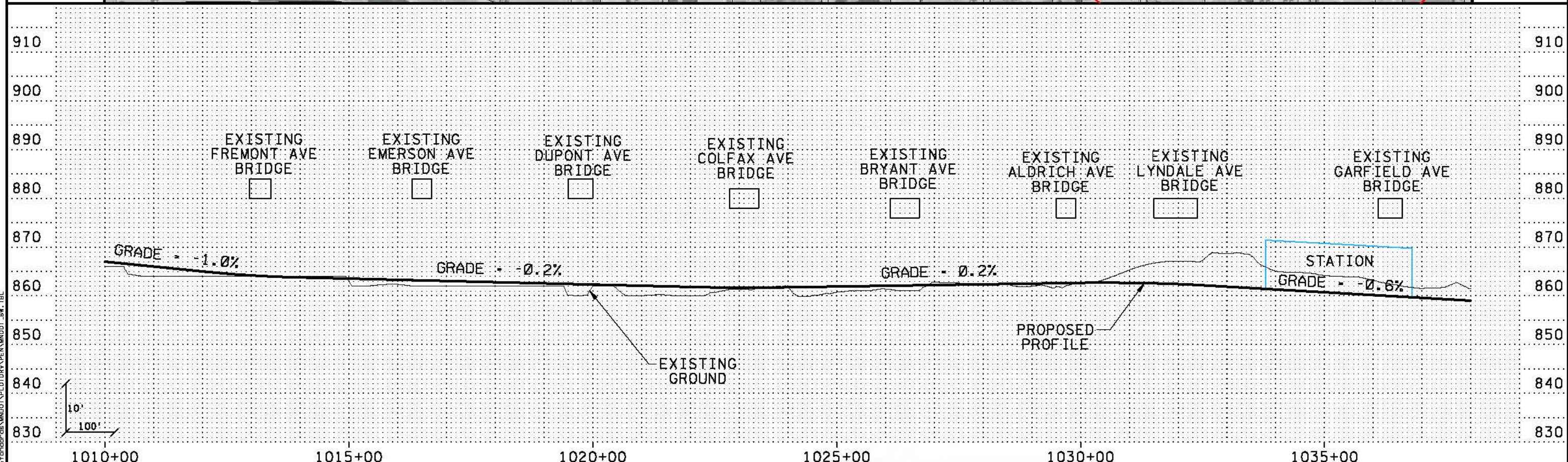
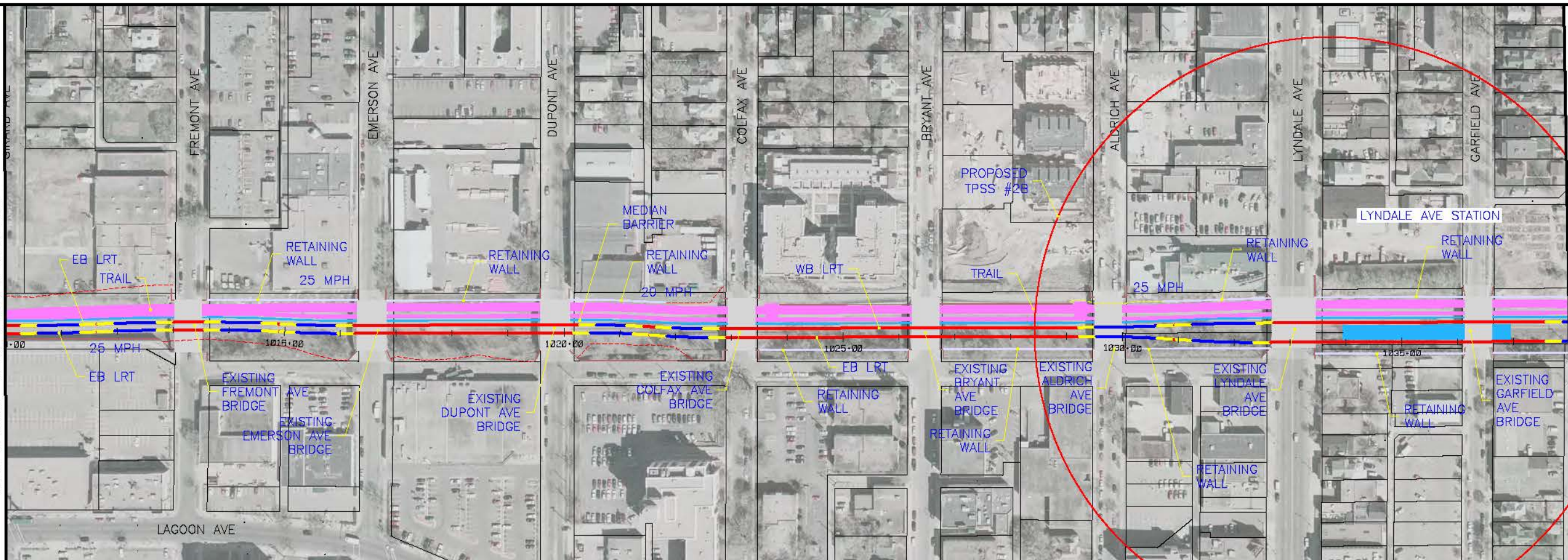
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT C-1  
 PLAN AND PROFILE  
 STA: 983+00 - 1010+00

**SHEET  
3  
OF  
11**



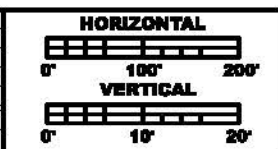
MATCH LINE STA 1010+00  
SEE SHEET 3

MATCH LINE STA 1038+00  
SEE SHEET 5



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 8:43:05 PM  
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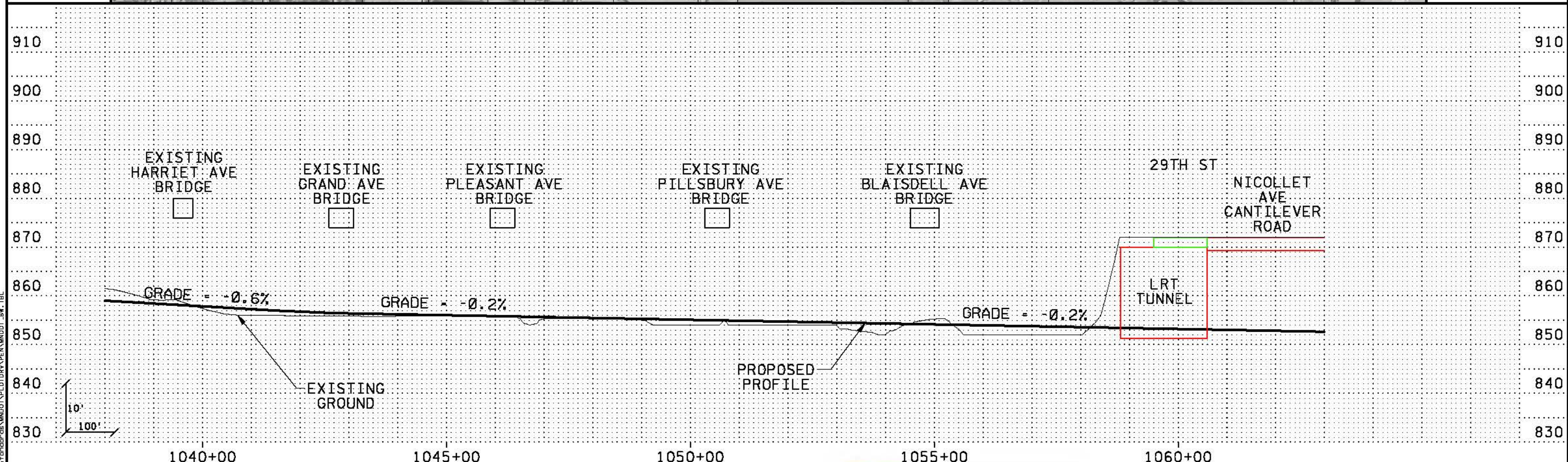
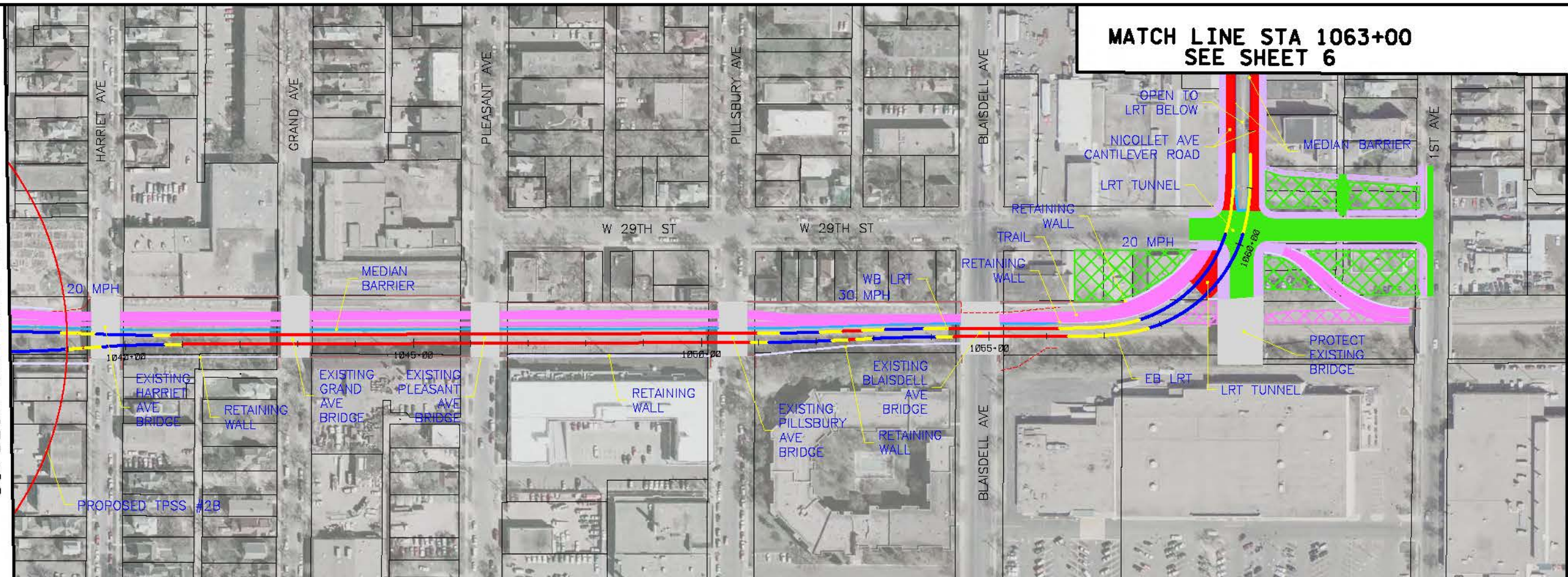
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT C-1  
 PLAN AND PROFILE  
 STA: 1010+00 - 1038+00

**SHEET  
4  
OF  
11**

MATCH LINE STA 1063+00  
SEE SHEET 6

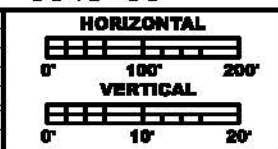


MATCH LINE STA 1038+00  
SEE SHEET 4



8/17/2010 3:45:54 PM  
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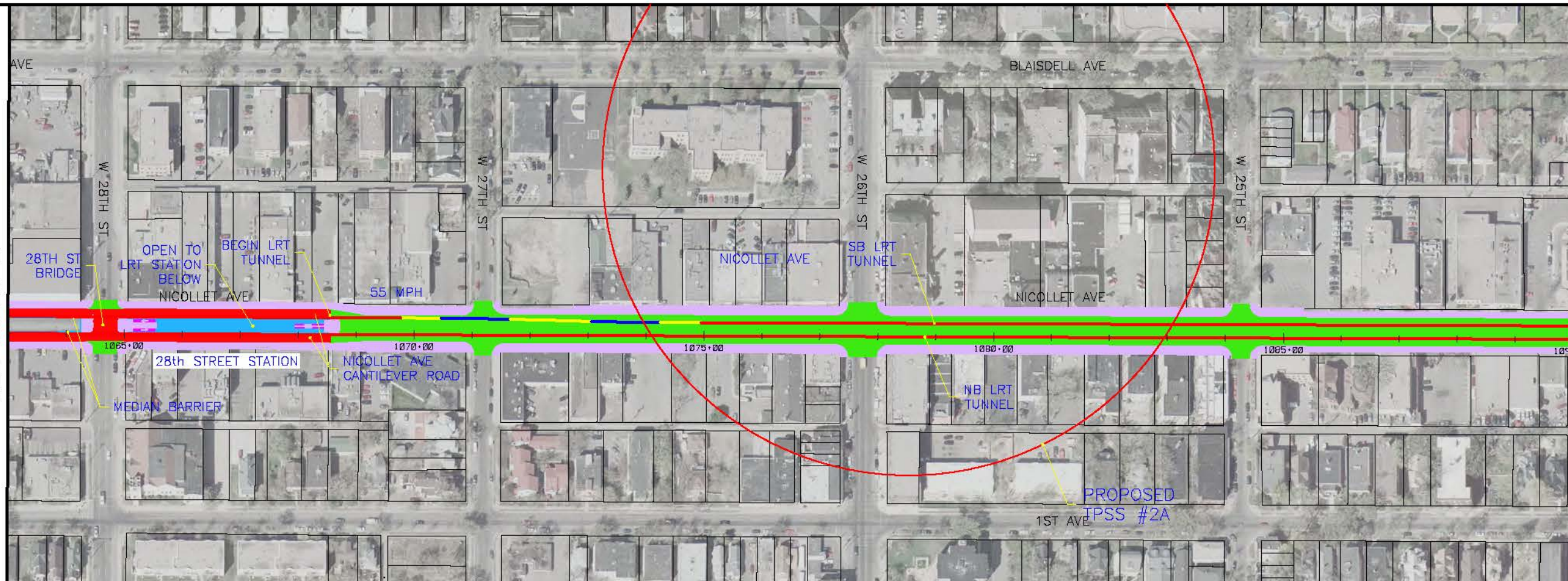
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
 LRT ALTERNATIVE SEGMENT C-1  
 PLAN AND PROFILE  
 STA: 1038+00 - 1063+00

**SHEET  
5  
OF  
11**



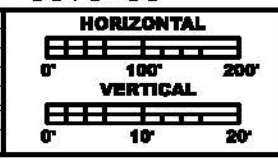
MATCH LINE STA 1063+00  
SEE SHEET 5

MATCH LINE STA 1090+00  
SEE SHEET 7



8/17/2010 5:53:29 PM  
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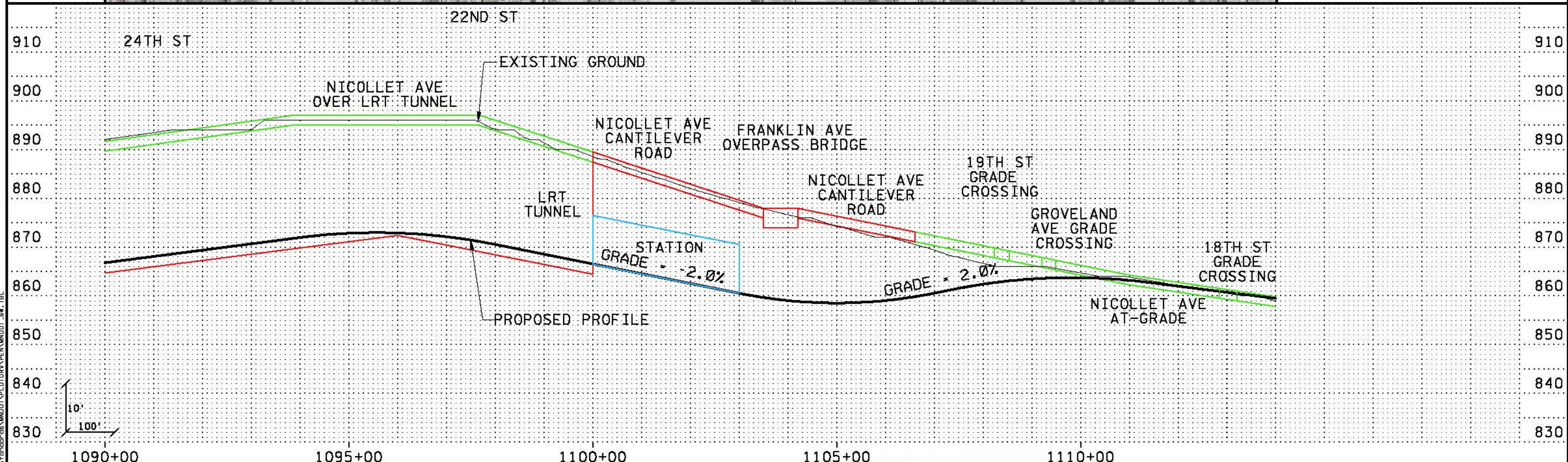
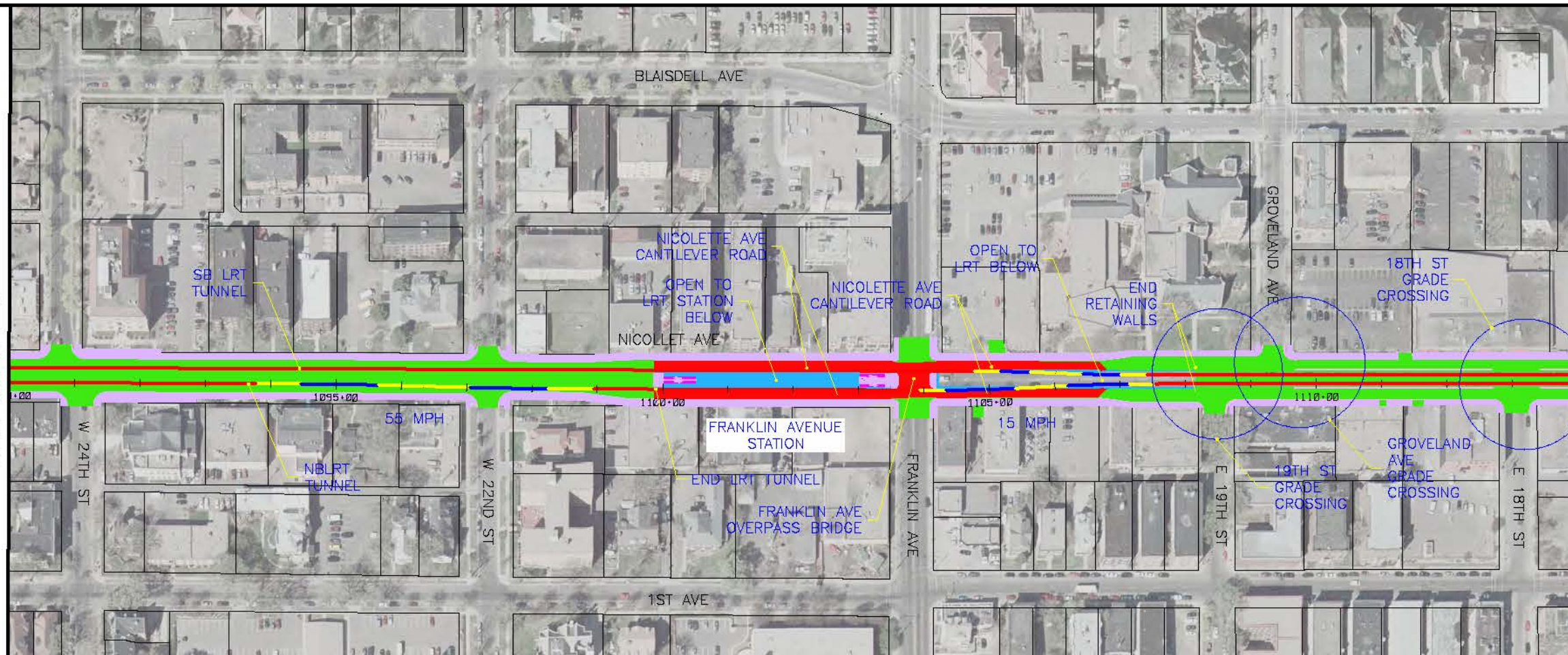
**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
LRT ALTERNATIVE SEGMENT C-1  
PLAN AND PROFILE  
STA: 1063+00 - 1090+00

**SHEET  
6  
OF  
11**



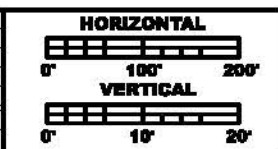
MATCH LINE STA 1090+00  
SEE SHEET 6

MATCH LINE STA 1114+00  
SEE SHEET 8



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NO.	DATE	BY	CHKD	APPR	REVISION



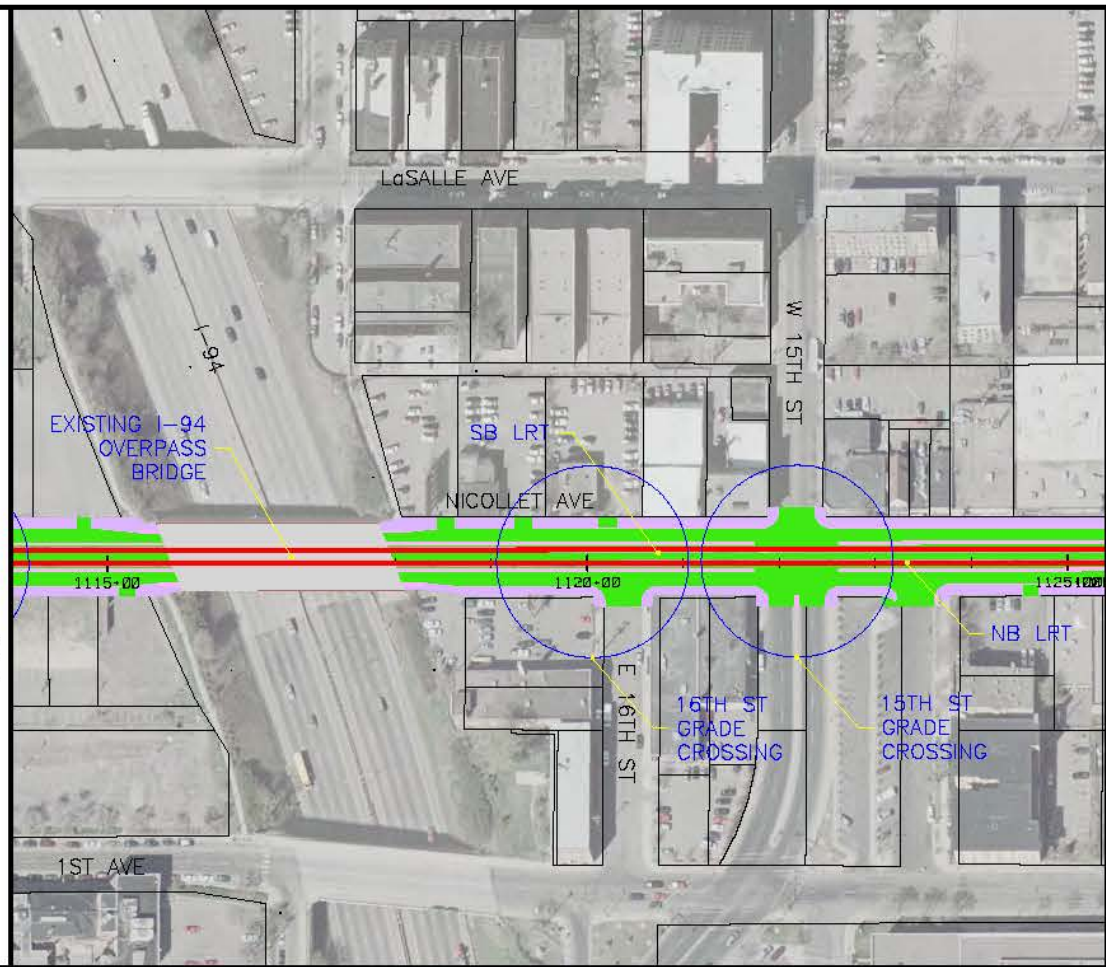
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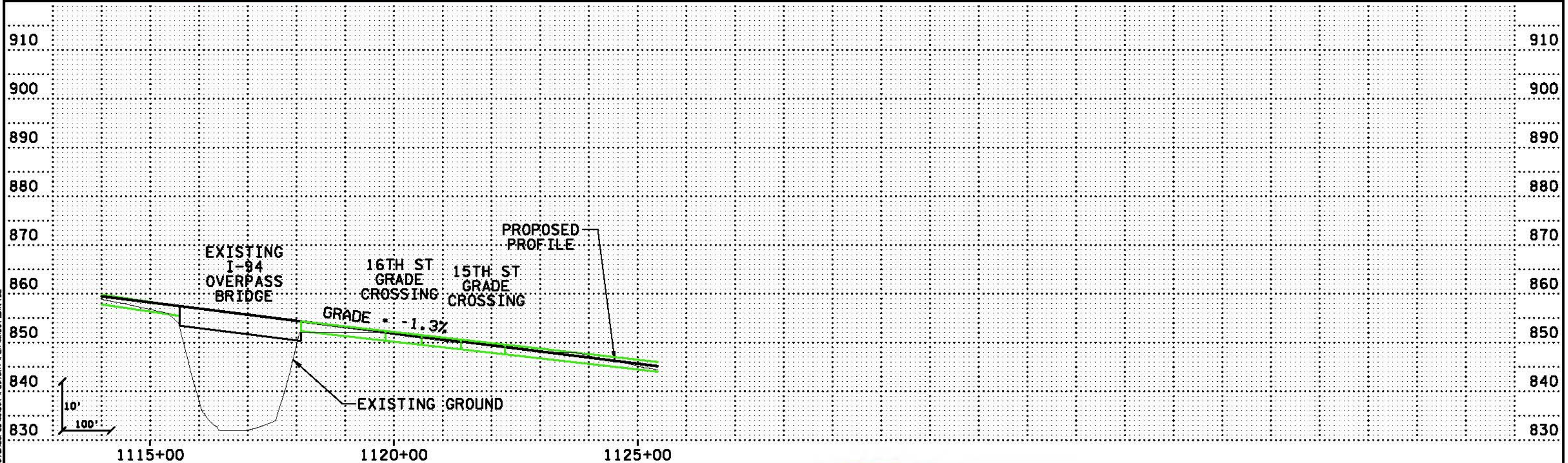
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<b>SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN</b>		<b>SHEET 7 OF 11</b>
LRT ALTERNATIVE SEGMENT C-1 PLAN AND PROFILE		
STA: 1090+00 - 1114+00		

MATCH LINE STA 1114+00  
SEE SHEET 7

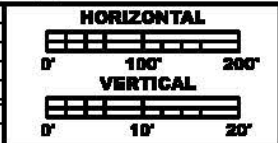


END SEGMENT LRT C-1  
STA 1125+41



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**SOUTHWEST TRANSITWAY CONCEPTUAL DESIGN**  
**LRT ALTERNATIVE SEGMENT C-1**  
**PLAN AND PROFILE**  
**STA: 1114+00 - 1125+41**

**SHEET  
8  
OF  
11**