

| |
|------------------|
| CURVE NO. W2-200 |
| R = 400.00' |
| Lc = 327.04' |
| Ls = 120.00' |
| Ea = 3.50" |
| Eu = 2.69" |
| V = 25 MPH |

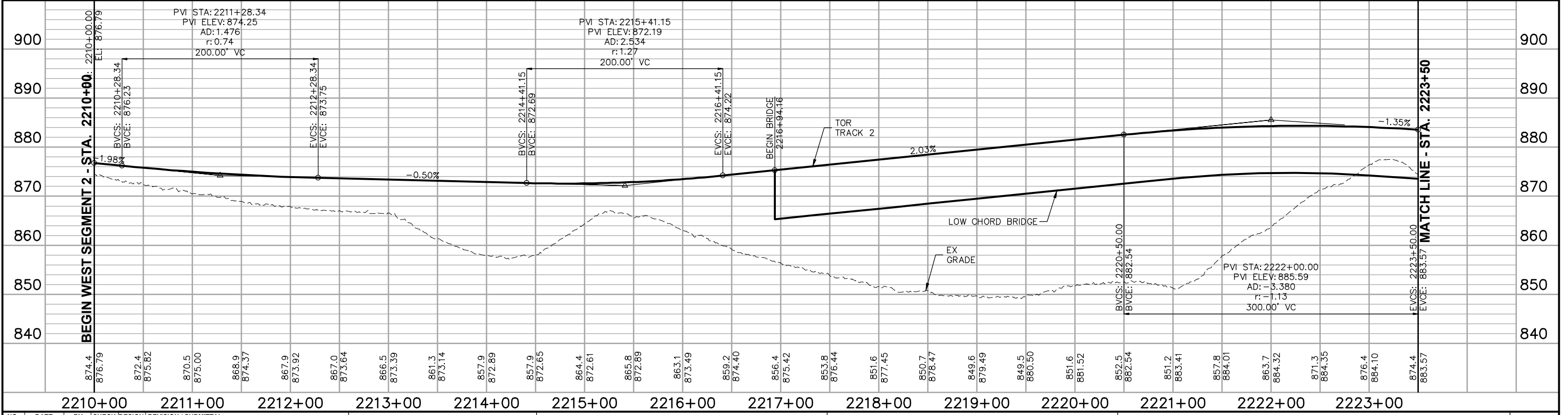
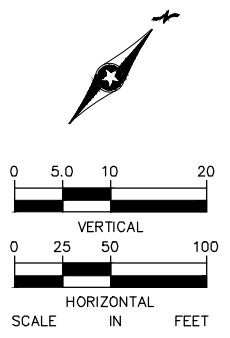
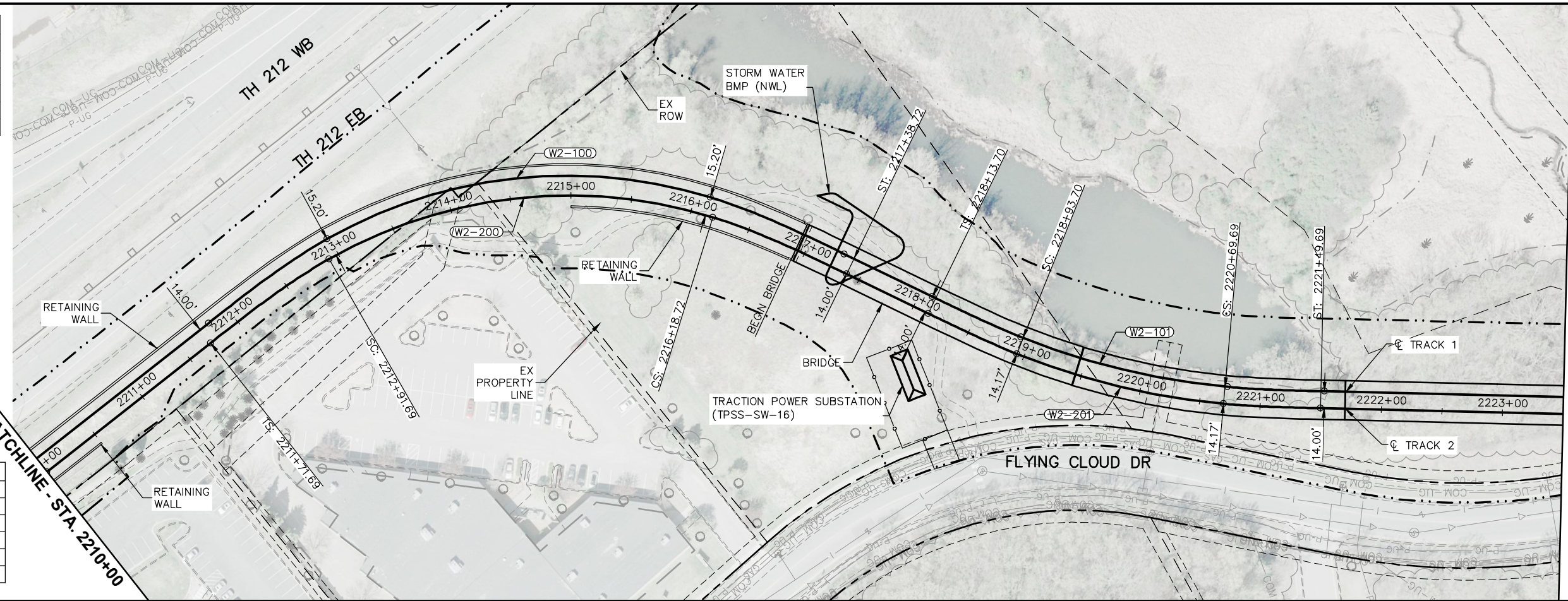
| |
|------------------|
| CURVE NO. W2-100 |
| R = 400.00' |
| Lc = 327.04' |
| Ls = 120.00' |
| Ea = 3.50" |
| Eu = 2.69" |
| V = 25 MPH |

| |
|------------------|
| CURVE NO. W2-201 |
| R = 600.00' |
| Lc = 175.99' |
| Ls = 80.00' |
| Ea = 2.25" |
| Eu = 1.88" |
| V = 25 MPH |

| |
|------------------|
| CURVE NO. W2-101 |
| R = 600.00' |
| Lc = 175.99' |
| Ls = 80.00' |
| Ea = 2.25" |
| Eu = 1.88" |
| V = 25 MPH |

BEGIN WEST SEGMENT 2
END WEST SEGMENT 1
MATCHLINE - STA. 2210+00

MATCH LINE - STA. 2223+50



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PRELIMINARY ENGINEERING

METROPOLITAN COUNCIL

SOUTHWEST
Green Line LRT Extension

WEST - VOLUME 1 (CIVIL) - SEGMENT 2

TRACK

PLAN AND PROFILE

STA. 2210+00 TO STA. 2223+50

DISCIPLINE: **TRACK**

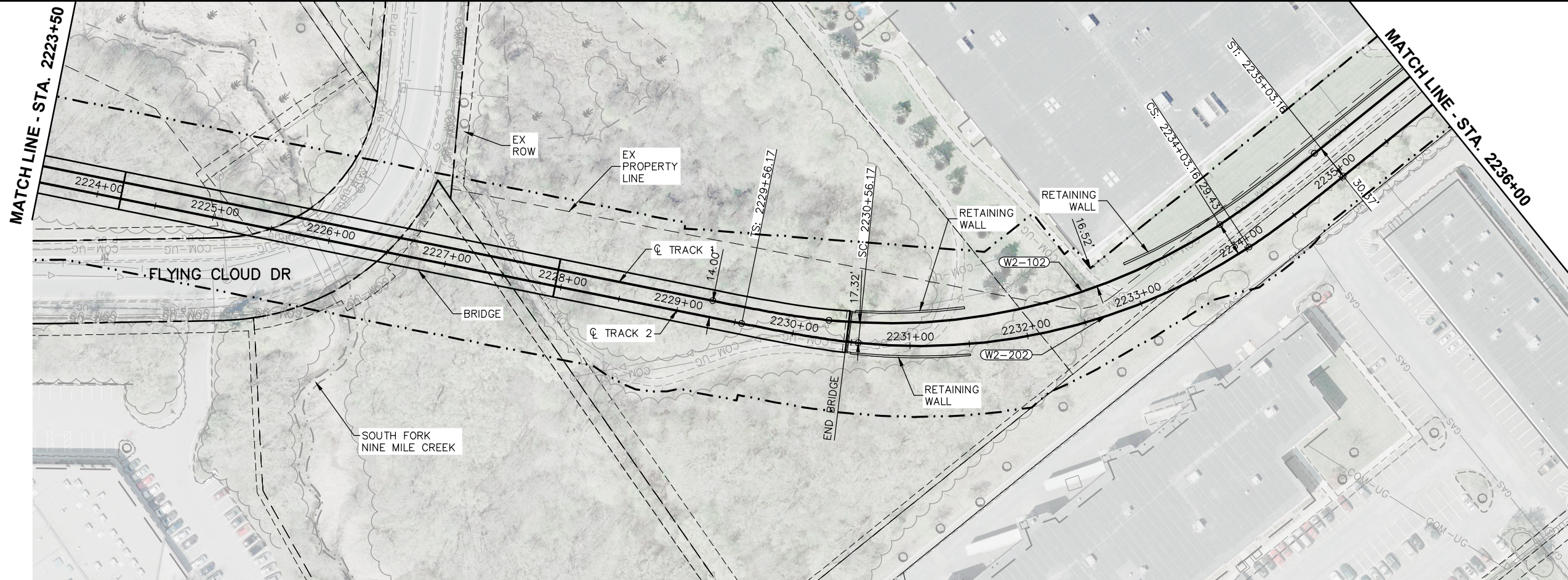
SHEET NAME: **W2-TRK-PPFL-001**

SHEET **32**

OF **XX**

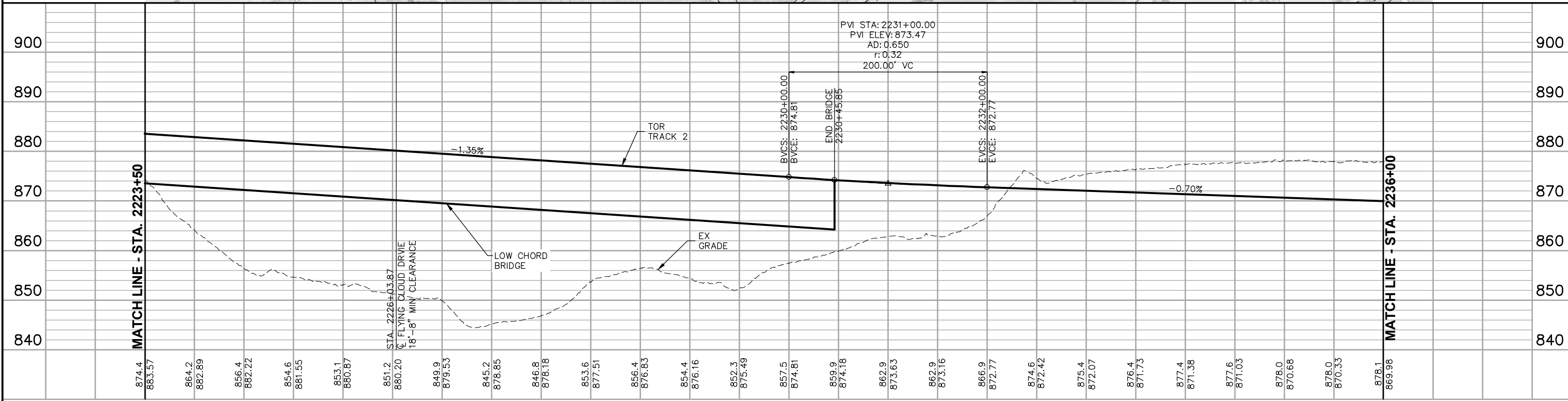
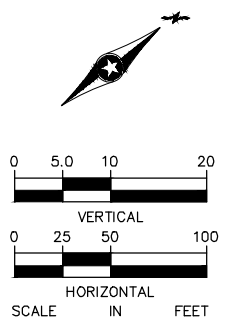
Jun, 19 2014 09:00 am V:\3200_PEC-W\CAD\SEGMENT-W2\SHEET\TRACK\W2-TRK-PLN.dwg By: MaurisBM

Jun, 19 2014 09:01 am v:\3200_PEC-W\CAD\SEGMENT-W2\SHEET\TRACK\W2-TRK-PLN.dwg By: MaurisBM



| |
|------------------|
| CURVE NO. W2-202 |
| R = 510.00' |
| Lc = 346.99' |
| Ls = 100.00' |
| Ea = 2.75" |
| Eu = 2.10" |
| V = 25 MPH |

| |
|------------------|
| CURVE NO. W2-102 |
| R = 510.00' |
| Lc = 346.99' |
| Ls = 100.00' |
| Ea = 2.75" |
| Eu = 2.10" |
| V = 25 MPH |



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| 874.4 | 883.57 | 884.2 | 882.89 | 856.4 | 862.22 | 854.6 | 881.55 | 853.1 | 880.87 | 851.2 | 880.20 | 849.9 | 879.53 | 845.2 | 878.85 | 846.8 | 878.18 | 853.6 | 877.51 | 856.4 | 876.83 | 854.4 | 876.16 | 852.3 | 875.49 | 857.5 | 874.81 | 859.9 | 874.18 | 862.9 | 873.63 | 862.9 | 873.16 | 866.9 | 872.77 | 874.6 | 872.42 | 875.4 | 872.07 | 876.4 | 871.73 | 877.4 | 871.38 | 877.6 | 871.03 | 878.0 | 870.68 | 878.0 | 870.33 | 878.1 | 869.98 |
| 2224+00 | 2225+00 | 2226+00 | 2227+00 | 2228+00 | 2229+00 | 2230+00 | 2231+00 | 2232+00 | 2233+00 | 2234+00 | 2235+00 | 2236+00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PRELIMINARY ENGINEERING

WEST - VOLUME 1 (CIVIL) - SEGMENT 2

TRACK

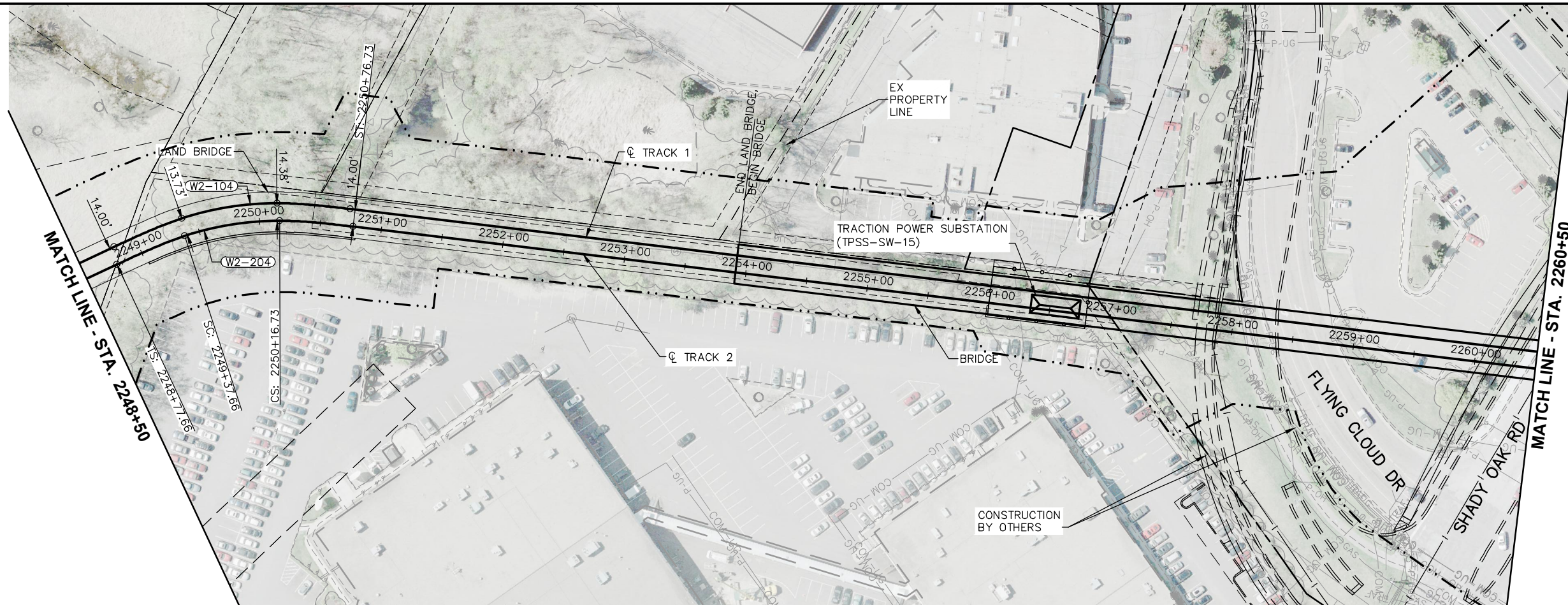
PLAN AND PROFILE

STA. 2223+50 TO STA. 2236+00

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| DISCIPLINE: TRACK | SHEET NAME: W2-TRK-PPFL-002 |
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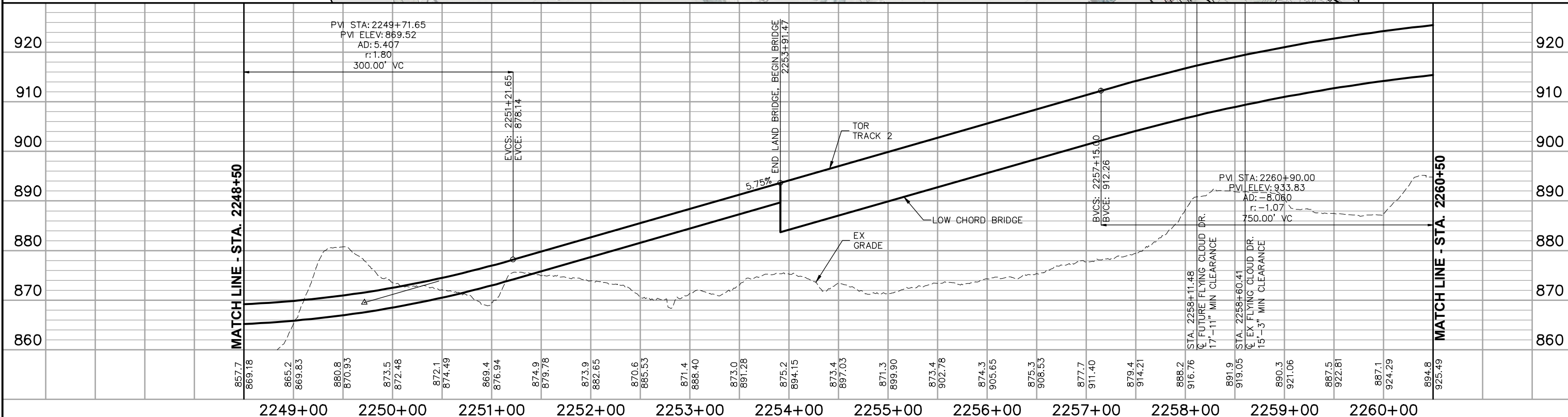
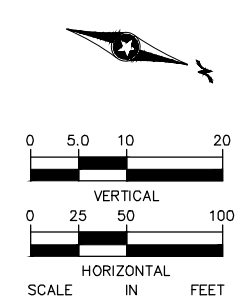
SHEET
33
OF
XX

Jun, 19 2014 09:02 am V:\3200_PEC-W\CAD\SEGMENT-W2\SHEET\TRACK\W2-TRK-PLN.dwg By: MaurisBM



| |
|------------------|
| CURVE NO. W2-204 |
| R = 250.00' |
| Lc = 79.07' |
| Ls = 60.00' |
| Ea = 1.50" |
| Eu = 2.06" |
| V = 15 MPH |

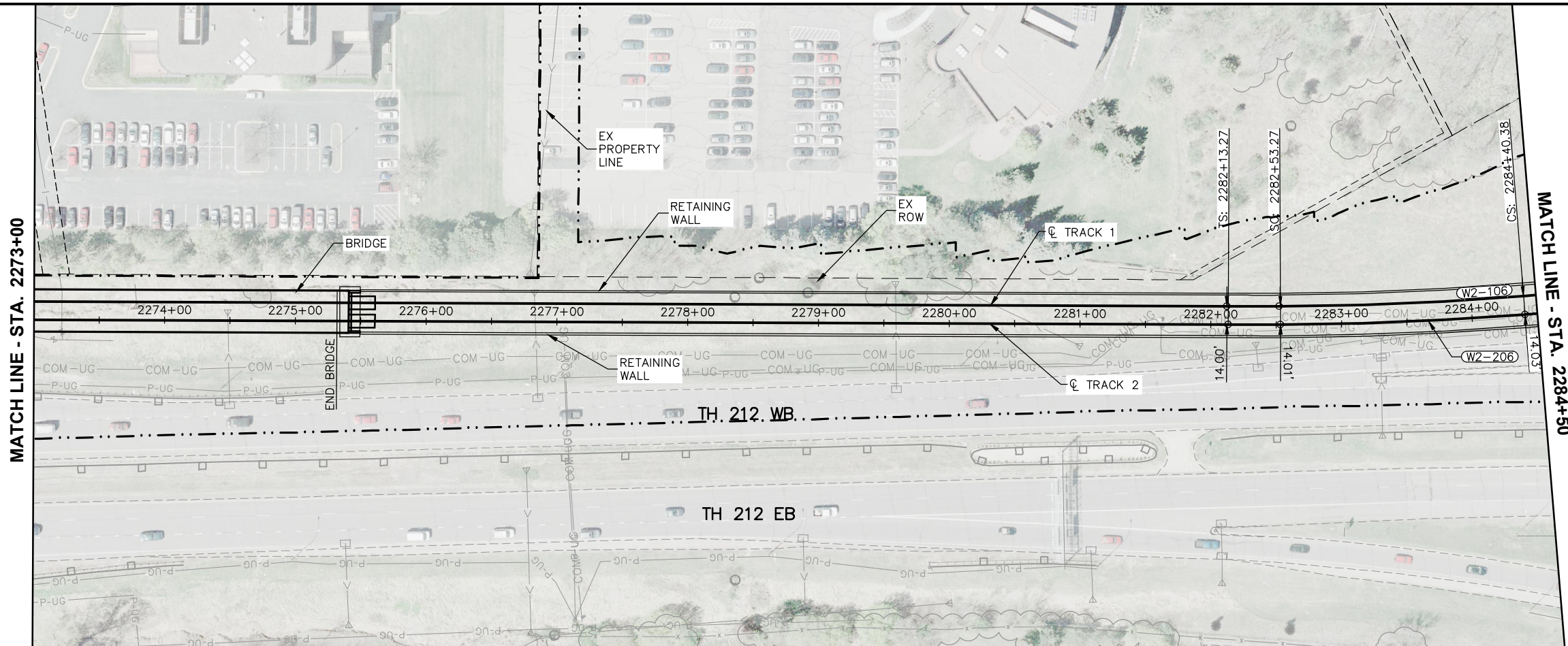
| |
|------------------|
| CURVE NO. W2-104 |
| R = 250.00' |
| Lc = 79.07' |
| Ls = 60.00' |
| Ea = 1.50" |
| Eu = 2.06" |
| V = 15 MPH |



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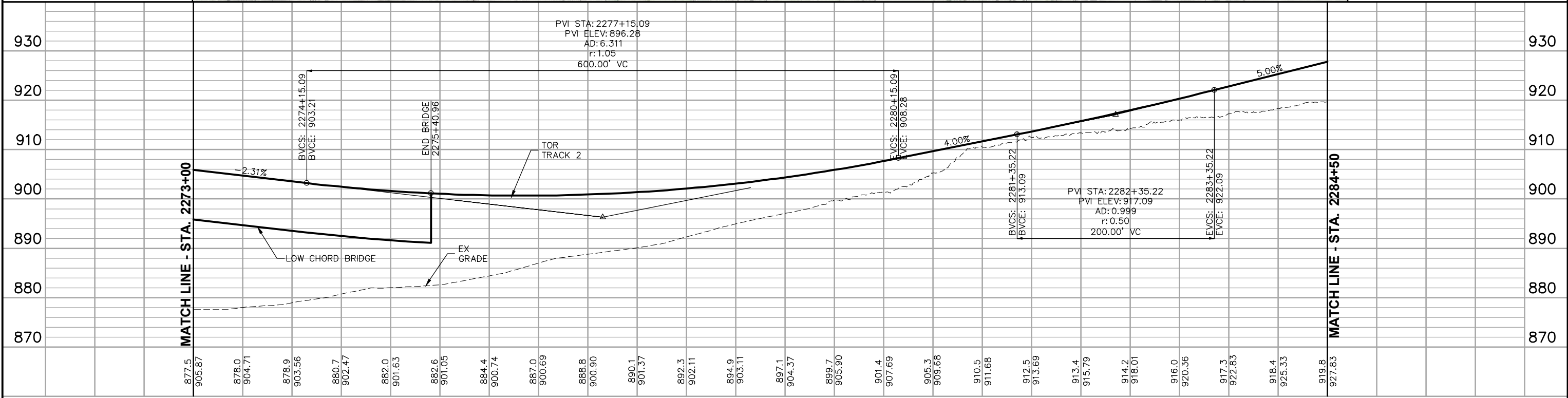
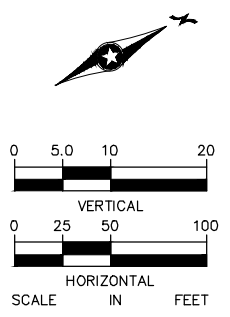
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| | | WEST - VOLUME 1 (CIVIL) - SEGMENT 2 TRACK PLAN AND PROFILE STA. 2248+50 TO STA. 2260+50 | SHEET 35 OF XX |
| PRELIMINARY ENGINEERING | DISCIPLINE: TRACK | SHEET NAME: W2-TRK-PPFL-004 | |

Jun, 19 2014 09:04 am V:\3200_PEC-W\CAD\SEGMENT-W2\SHEET\TRACK\W2-TRK-PLN.dwg By: MaurisBM



| |
|------------------|
| CURVE NO. W2-206 |
| R = 2500.00' |
| Lc = 187.12' |
| Ls = 40.00' |
| Ea = 1.00" |
| Eu = 0.96" |
| V = 35 MPH |

| |
|------------------|
| CURVE NO. W2-106 |
| R = 2500.00' |
| Lc = 312.65' |
| Ls 1 = 40.00' |
| Ls 2 = 100.00' |
| Ea = 1.00" |
| Eu = 0.96" |
| V = 35 MPH |

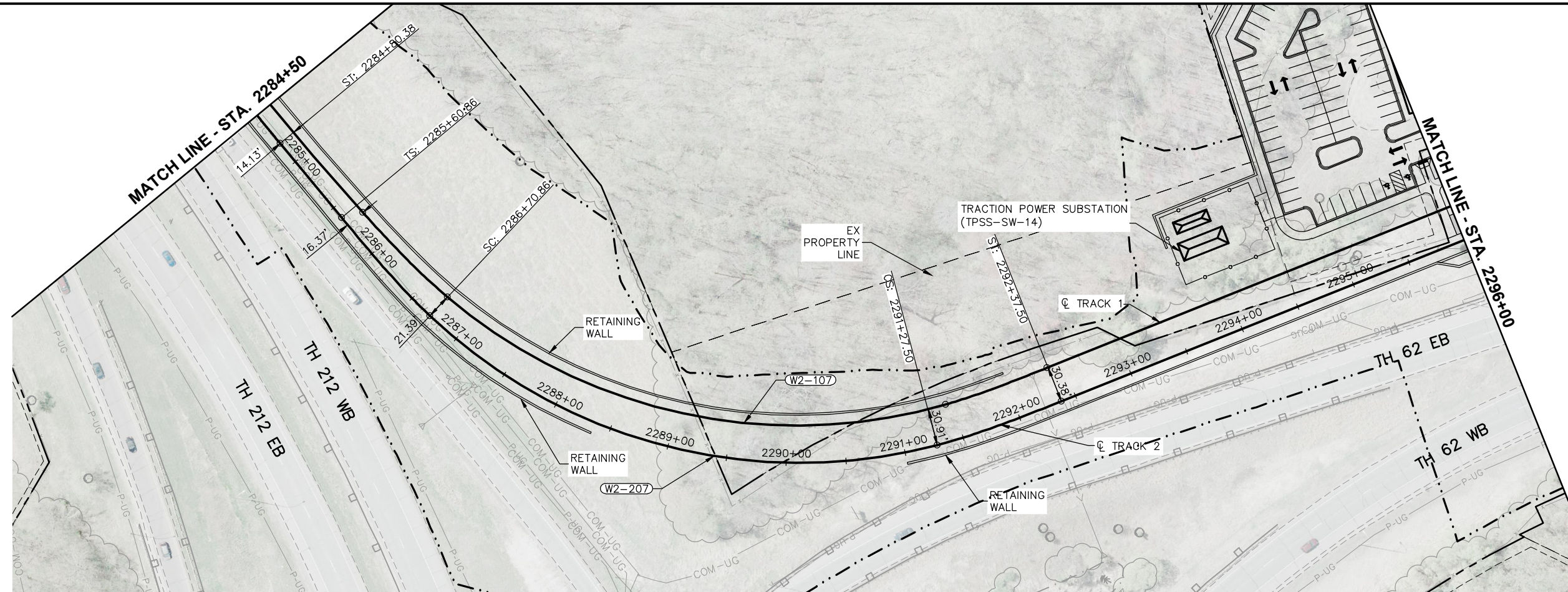


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|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 877.5 905.87 | 878.0 904.71 | 878.9 903.56 | 880.7 902.47 | 882.0 901.63 | 882.6 901.05 | 884.4 900.74 | 887.0 900.69 | 888.8 900.90 | 890.1 901.37 | 892.3 902.11 | 894.9 903.11 | 897.1 904.37 | 899.7 905.90 | 901.4 907.69 | 905.3 909.68 | 910.5 911.68 | 912.5 913.69 | 913.4 915.79 | 914.2 918.01 | 916.0 920.36 | 917.3 922.83 | 918.4 925.33 | 919.8 927.83 |
| 2273+00 | 2274+00 | 2275+00 | 2276+00 | 2277+00 | 2278+00 | 2279+00 | 2280+00 | 2281+00 | 2282+00 | 2283+00 | 2284+00 | | | | | | | | | | | | |

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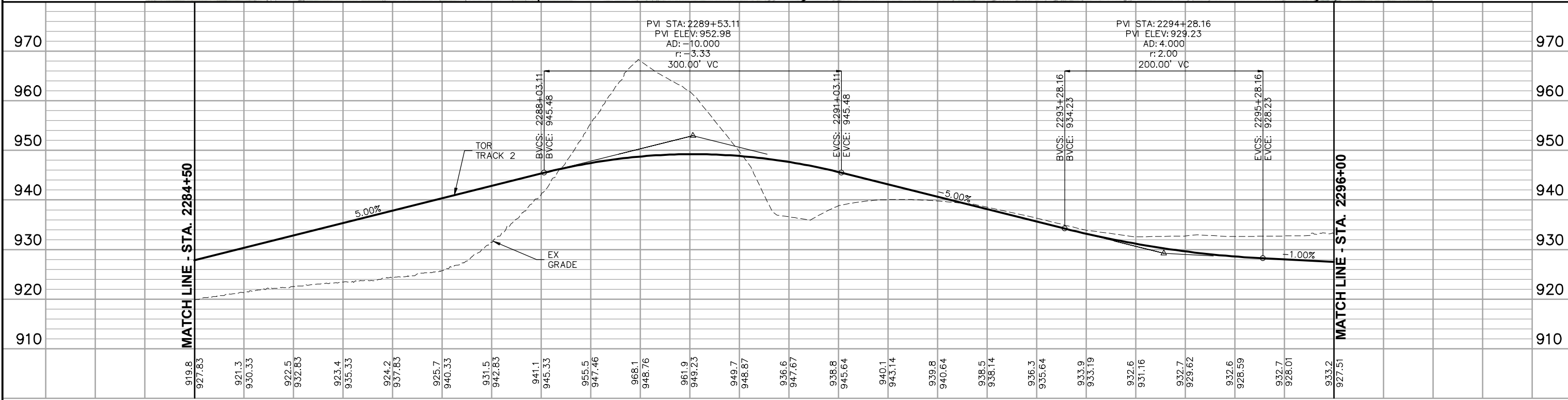
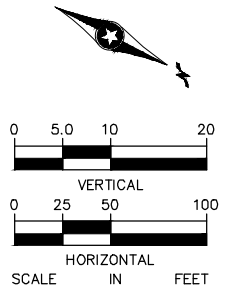
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| | | WEST - VOLUME 1 (CIVIL) - SEGMENT 2 TRACK PLAN AND PROFILE STA. 2273+00 TO STA. 2284+50 | SHEET 37 OF XX |
| PRELIMINARY ENGINEERING | DISCIPLINE: TRACK | SHEET NAME: W2-TRK-PPFL-006 | |

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| |
|------------------|
| CURVE NO. W2-207 |
| R = 450.00' |
| Lc = 456.64' |
| Ls = 110.00' |
| Ea = 3.00" |
| Eu = 2.50" |
| V = 25 MPH |

| |
|------------------|
| CURVE NO. W2-107 |
| R = 450.00' |
| Lc = 443.23' |
| Ls 1 = 100.00' |
| Ls 2 = 90.00' |
| Ea = 3.00" |
| Eu = 2.50" |
| V = 25 MPH |



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|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 919.8 927.83 | 921.3 930.33 | 922.5 932.83 | 923.4 935.33 | 924.2 937.83 | 925.7 940.33 | 931.5 942.83 | 941.1 945.33 | 955.5 947.46 | 968.1 948.76 | 961.9 949.23 | 949.7 948.87 | 936.6 947.67 | 936.8 945.64 | 940.1 943.14 | 939.8 940.64 | 938.5 938.14 | 936.3 935.64 | 933.9 933.19 | 932.6 931.16 | 932.7 929.62 | 932.6 928.59 | 932.7 928.01 | 933.2 927.51 |
| 2285+00 | | 2286+00 | | 2287+00 | | 2288+00 | | 2289+00 | | 2290+00 | | 2291+00 | | 2292+00 | | 2293+00 | | 2294+00 | | 2295+00 | | 2296+00 | |

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PRELIMINARY ENGINEERING

WEST - VOLUME 1 (CIVIL) - SEGMENT 2

TRACK

PLAN AND PROFILE

STA. 2284+50 TO STA. 2296+00

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| DISCIPLINE: TRACK | SHEET NAME: W2-TRK-PPFL-007 |
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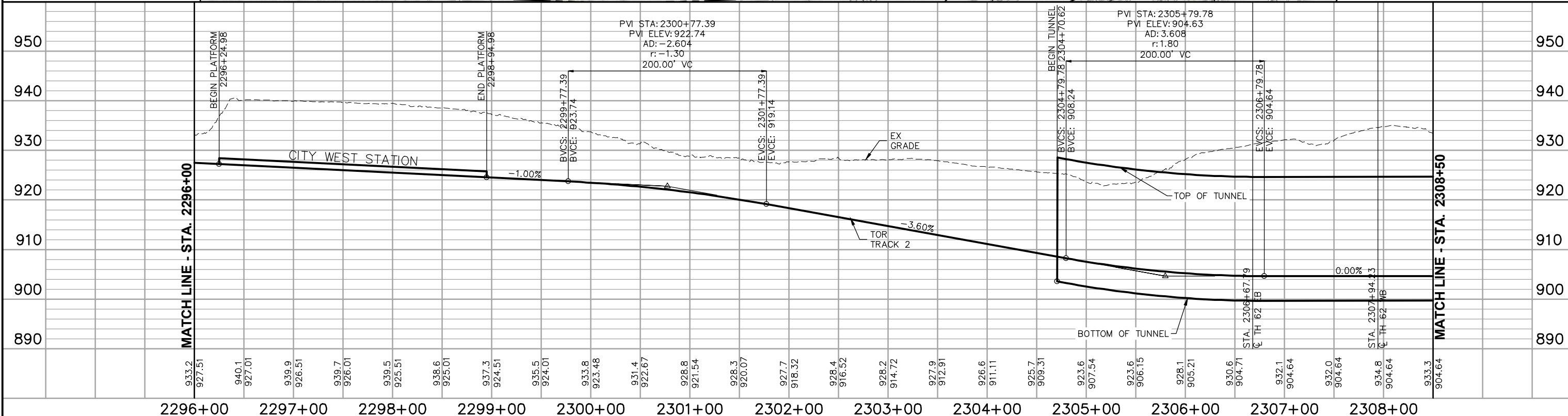
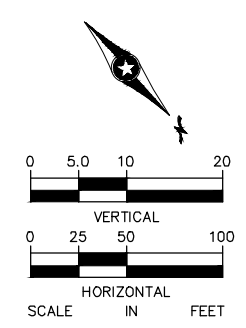
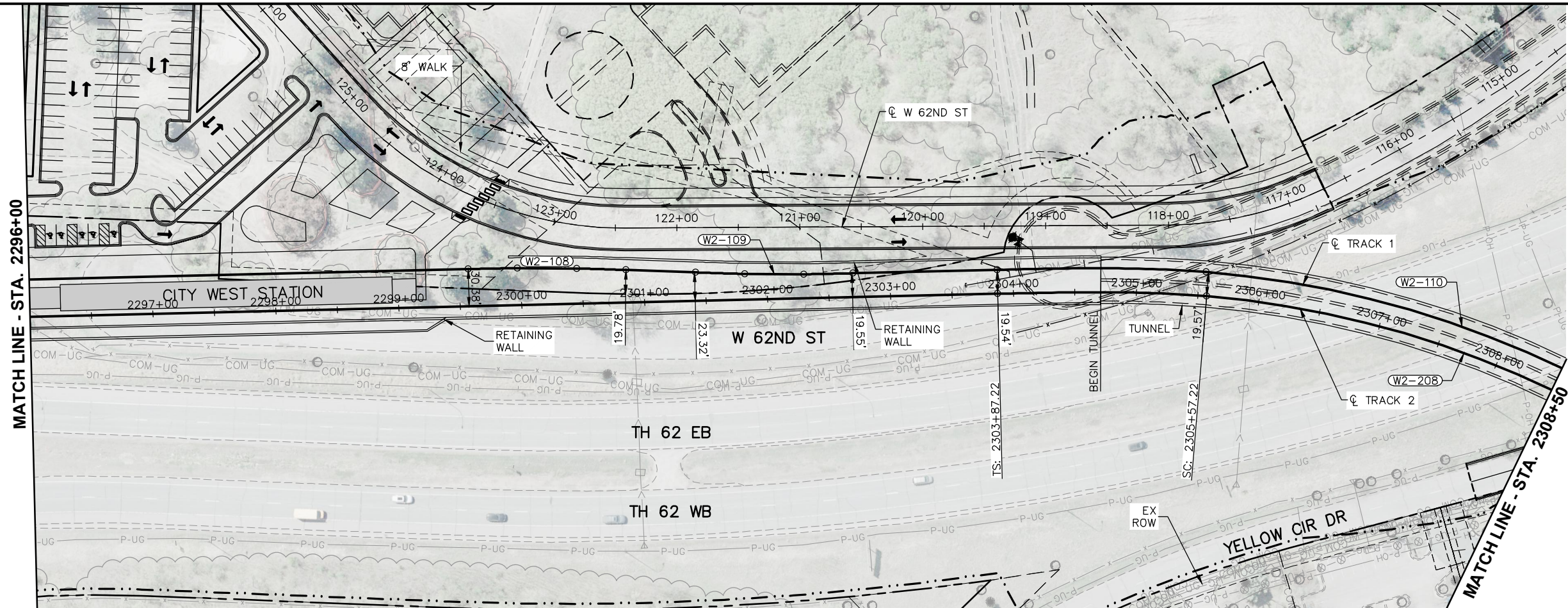
SHEET
38
OF
XX

| |
|------------------|
| CURVE NO. W2-108 |
| R = 1500.00' |
| Lc = 48.24' |
| Ls = 40.00' |
| Ea = 1.00" |
| Eu = 0.65" |
| V = 25 MPH |

| |
|------------------|
| CURVE NO. W2-109 |
| R = 1500.00' |
| Lc = 48.24' |
| Ls = 40.00' |
| Ea = 1.00" |
| Eu = 0.65" |
| V = 25 MPH |

| |
|------------------|
| CURVE NO. W2-208 |
| R = 800.00' |
| Lc = 589.82' |
| Ls = 170.00' |
| Ea = 3.50" |
| Eu = 2.56" |
| V = 35 MPH |

| |
|------------------|
| CURVE NO. W2-110 |
| R = 819.50' |
| Lc = 608.35' |
| Ls = 170.00' |
| Ea = 3.50" |
| Eu = 2.56" |
| V = 35 MPH |



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PRELIMINARY ENGINEERING



WEST - VOLUME 1 (CIVIL) - SEGMENT 2

TRACK

PLAN AND PROFILE

STA. 2296+00 TO STA. 2308+50

DISCIPLINE: **TRACK** SHEET NAME: **W2-TRK-PPFL-008**

SHEET

39

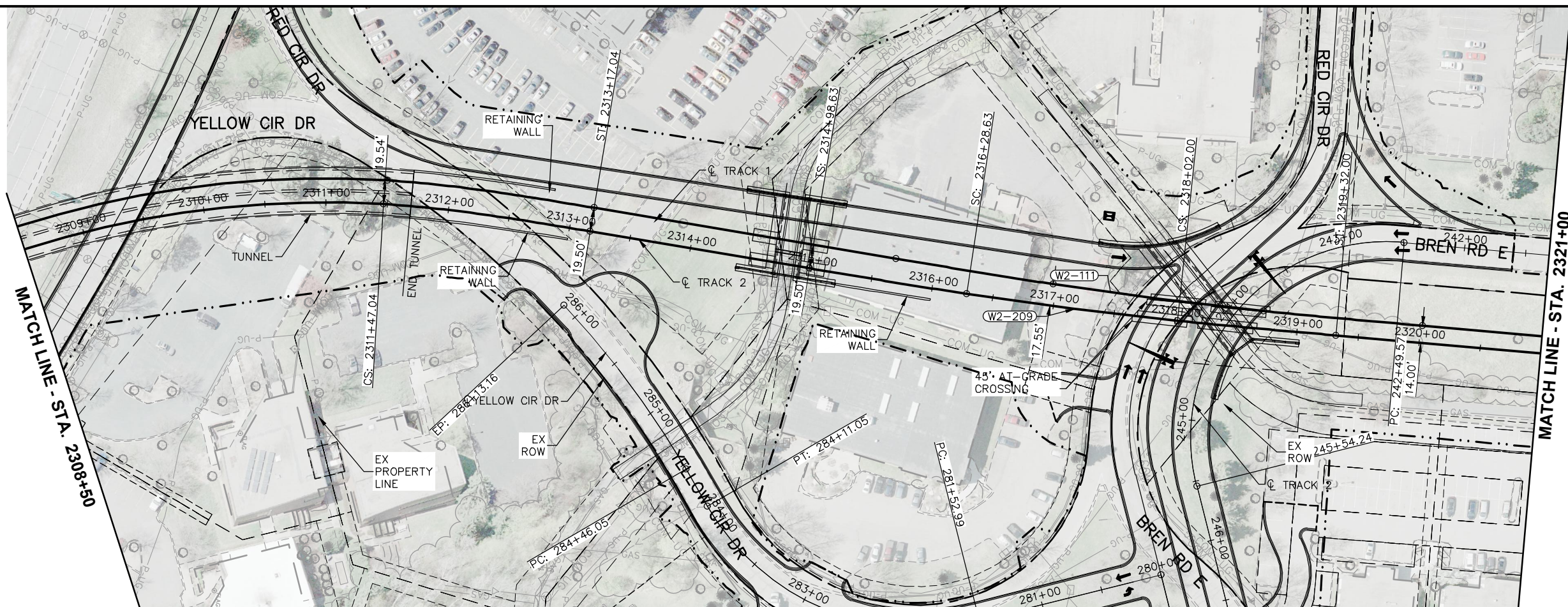
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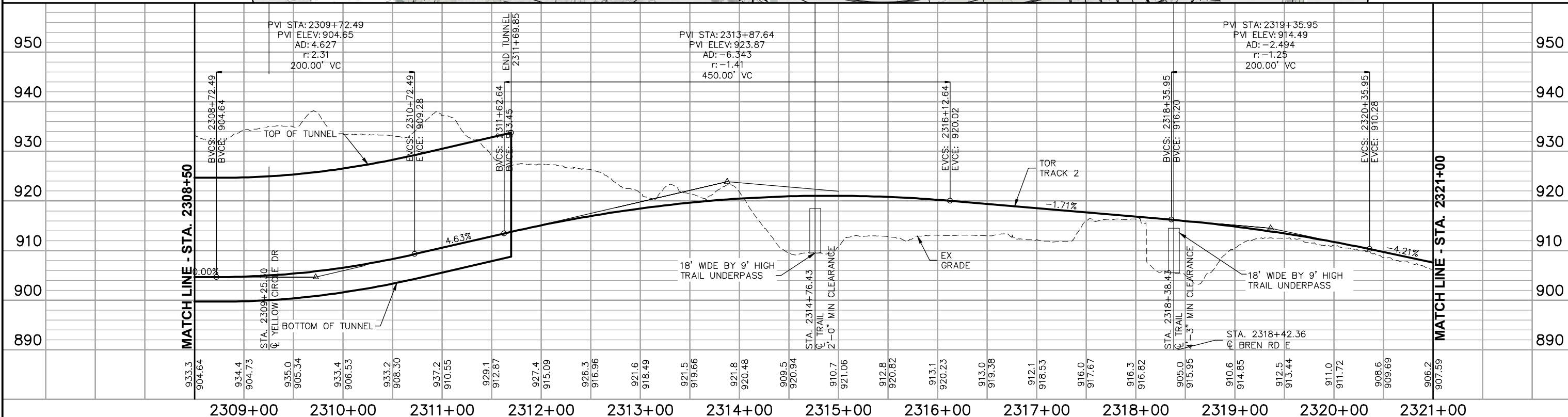
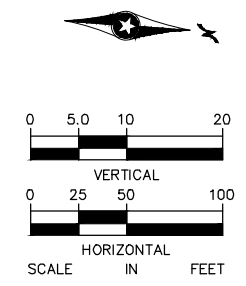
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| |
|------------------|
| CURVE NO. W2-209 |
| R = 3800' |
| Lc = 173.37' |
| Ls = 130' |
| Ea = 1.75" |
| Eu = 1.40" |
| V = 55 MPH |

| |
|------------------|
| CURVE NO. W2-111 |
| R = 3800' |
| Lc = 173.37' |
| Ls = 130' |
| Ea = 1.75" |
| Eu = 1.40" |
| V = 55 MPH |



NOTES:
1. DESIGN SHOWN ASSUMES THE RED CIRCLE DRIVE TRAFFIC FLOW REVERSAL TO BE IMPLEMENTED BY OTHERS.



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PRELIMINARY ENGINEERING



WEST - VOLUME 1 (CIVIL) - SEGMENT 2
TRACK
PLAN AND PROFILE
STA. 2308+50 TO STA. 2321+00

DISCIPLINE: **TRACK** SHEET NAME: **W2-TRK-PPFL-009**

SHEET
40
OF
XX

Jun, 19 2014 09:06 am V:\3200_PEC-W\CAD\SEGMENT-W2\SHEET\TRACK\W2-TRK-PLN.dwg By: MaurisBM

