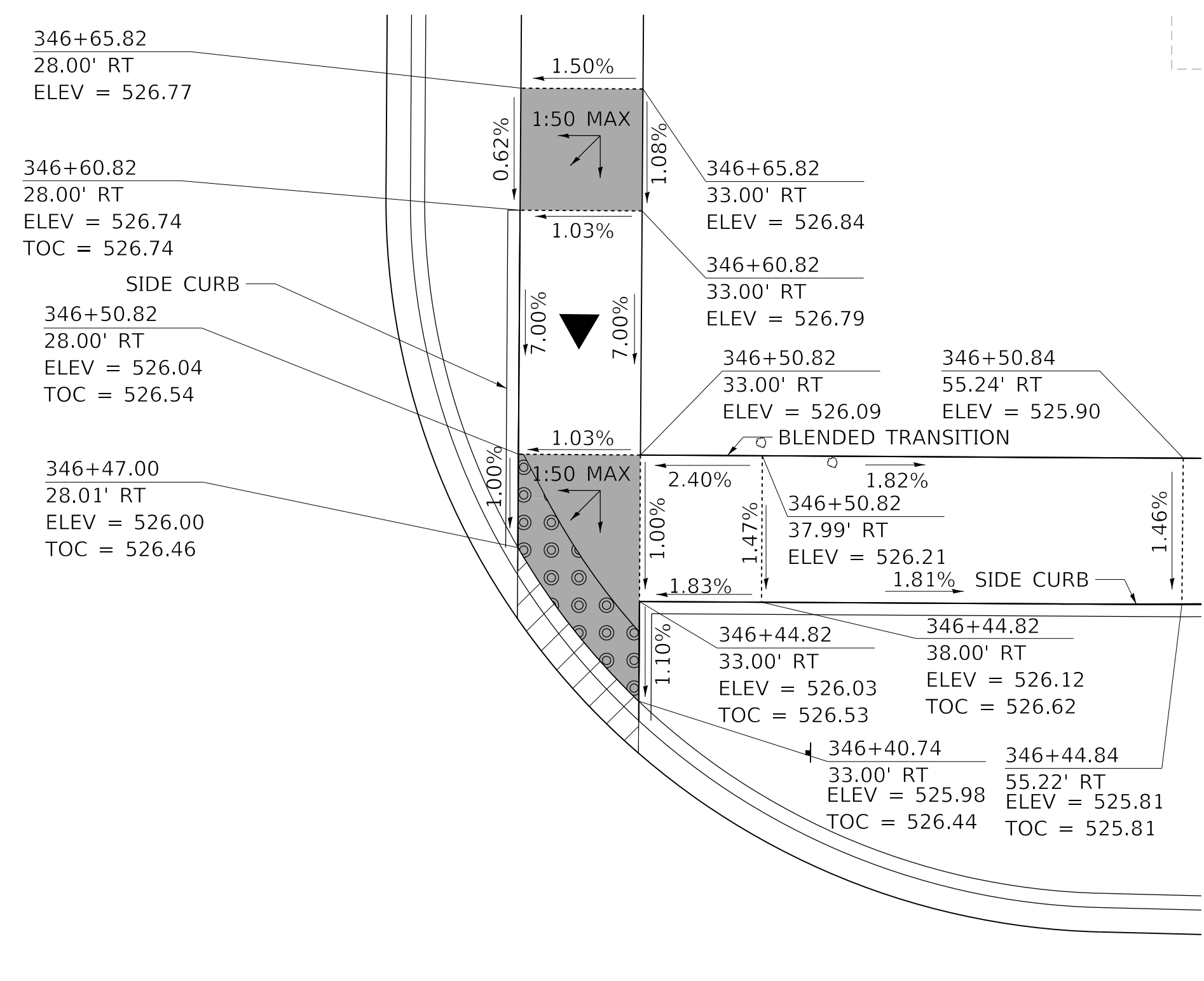
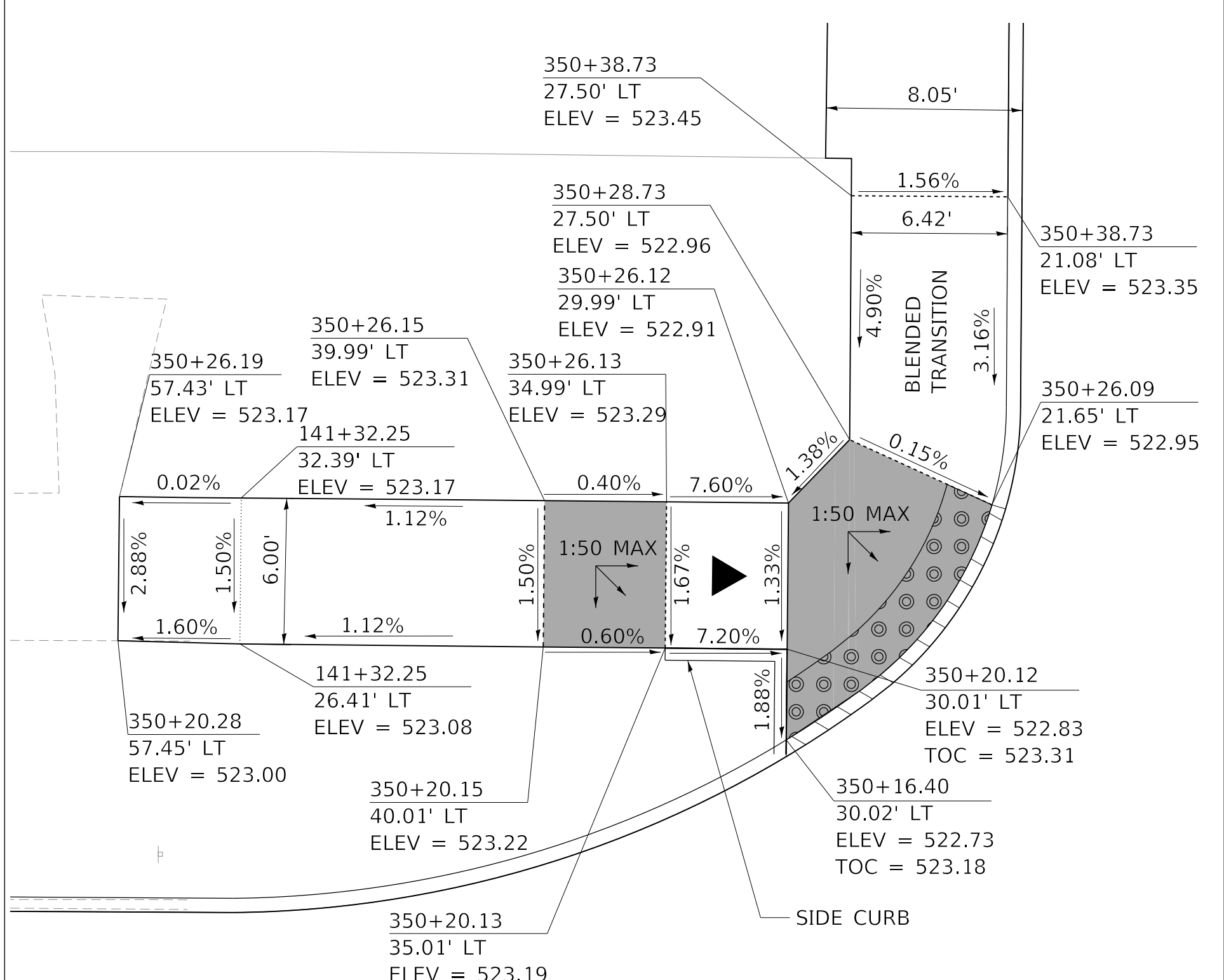


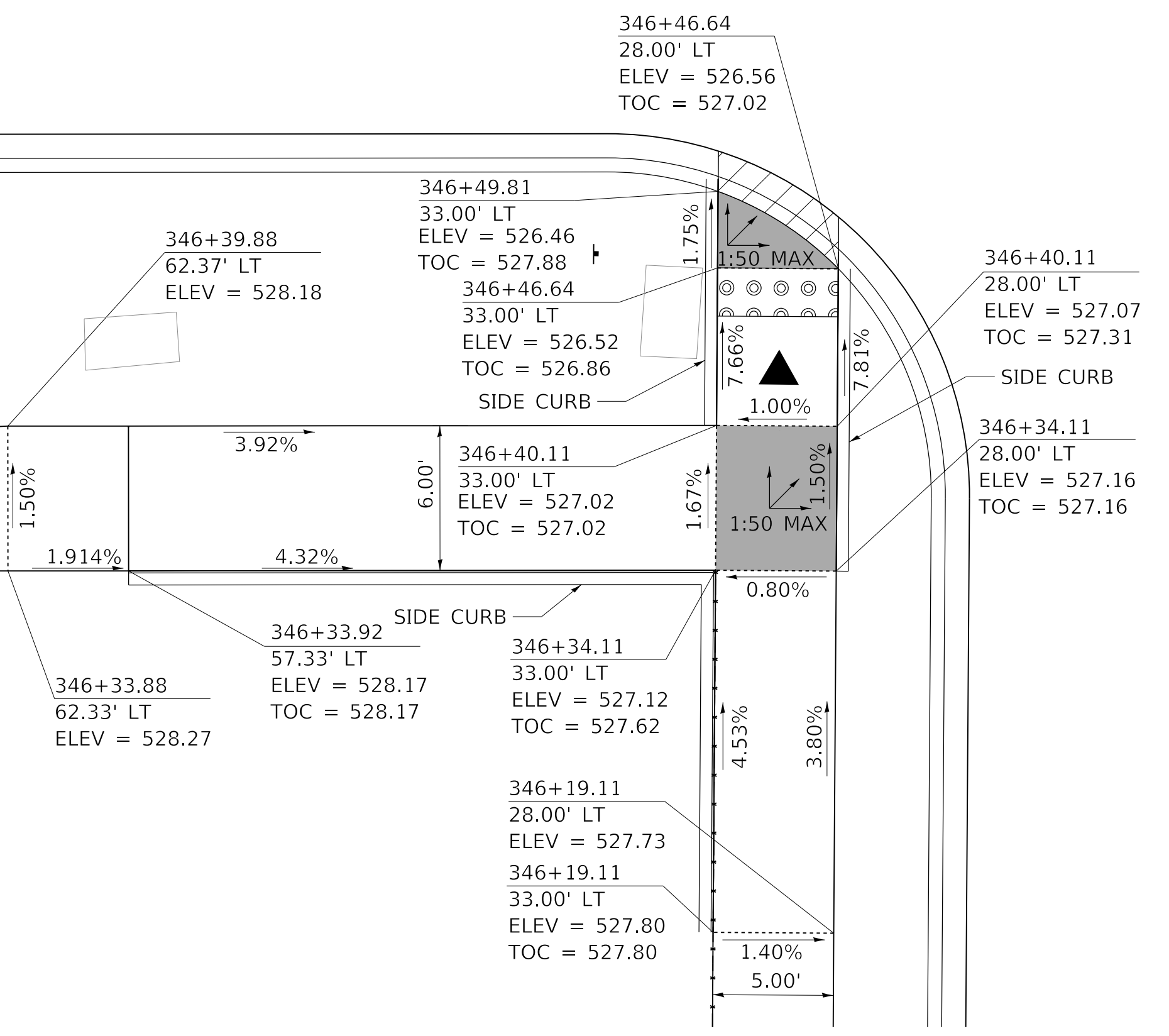
NORTHWEST CORNER WESTERN AVE AND ANN ST



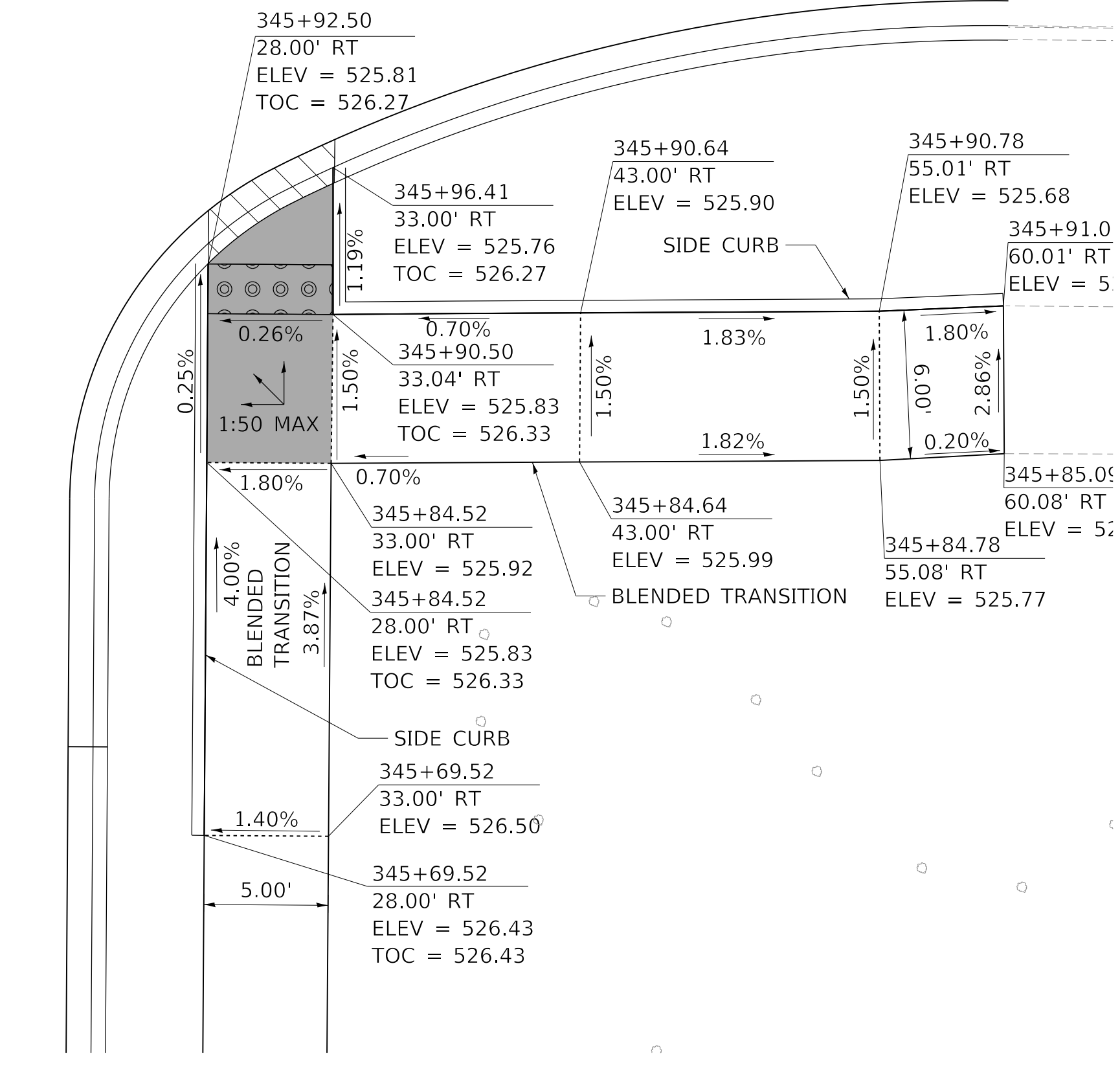
NORTHEAST CORNER WESTERN AVE AND ANN ST



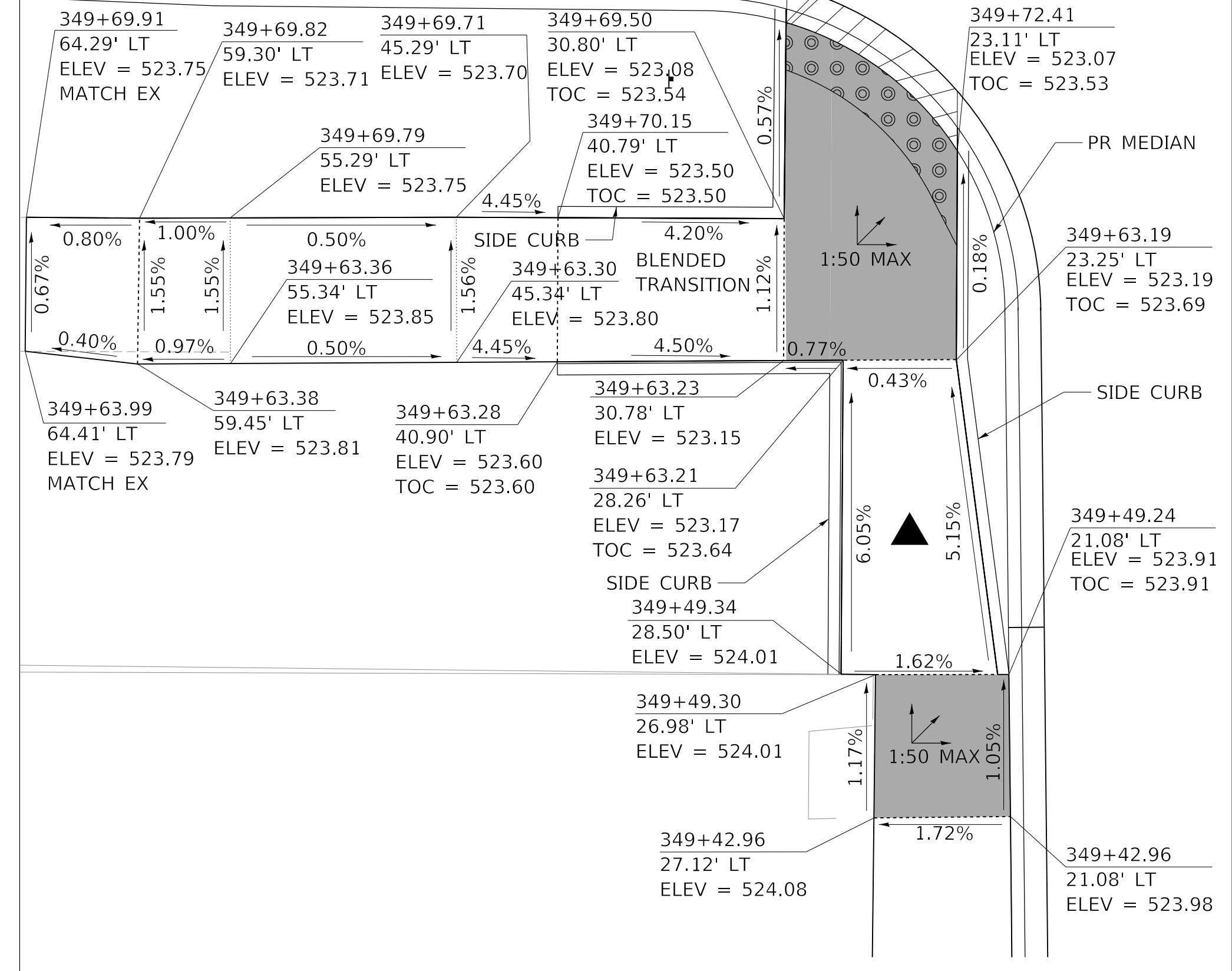
NORTHWEST CORNER WESTERN AVE AND WISWALL ST



SOUTHWEST CORNER WESTERN AVE AND ANN ST



SOUTHEAST CORNER WESTERN AVE AND ANN ST



SOUTHWEST CORNER WESTERN AVE AND WISWALL ST

MODEL: Default
FILE NAME: C:\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-CURBRAMP-07.dgn



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| FILENAME = D416187005-SHT-CURBRAMP-07.dgn | DRAWN - AE |
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| PLOT DATE = 2/19/2020 4:08:30 PM | DATE = 2/21/2020 |

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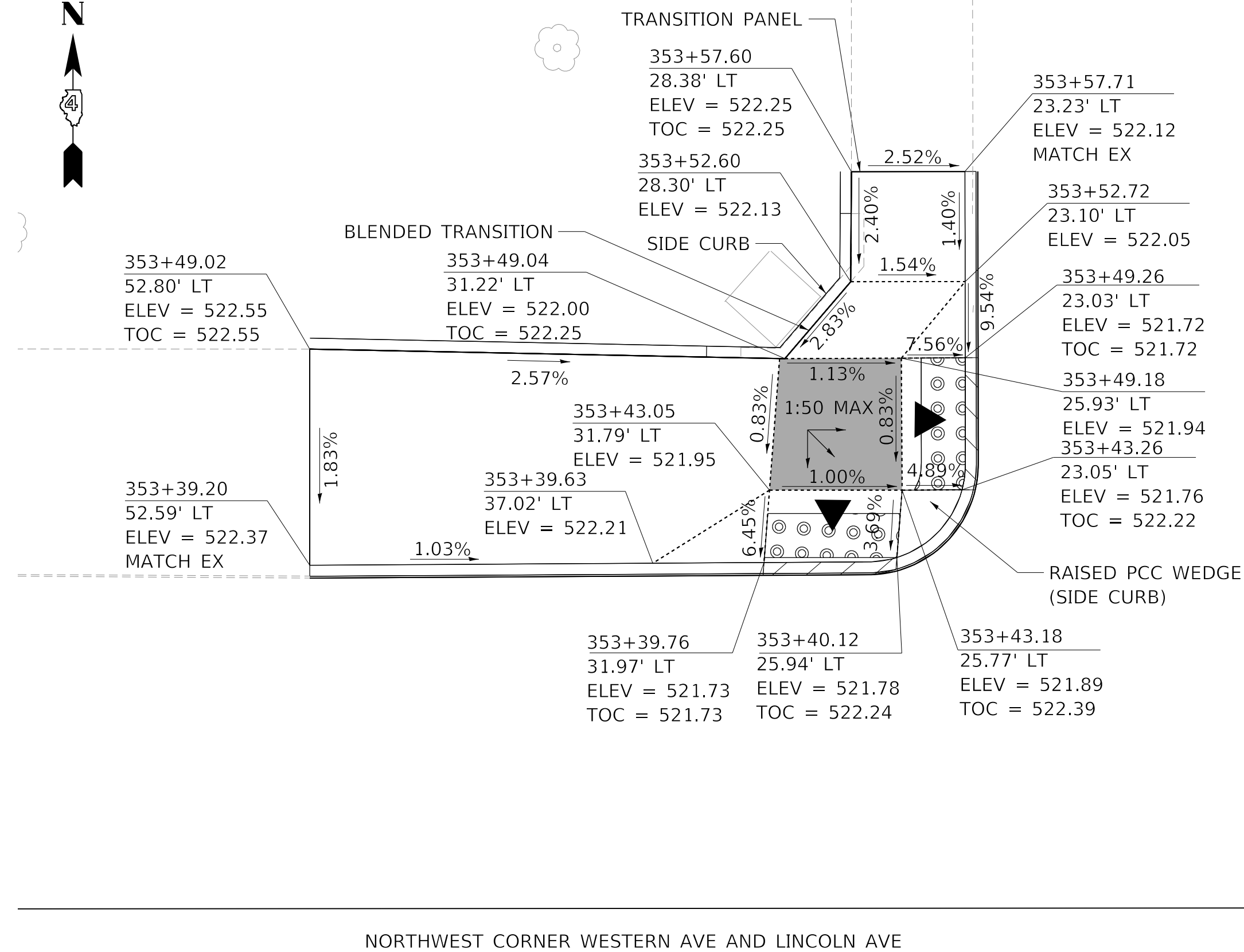
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIWALK CURB RAMP DETAILS
ANN STREET AND WISWALL STREET**

SCALE: 1"=5'

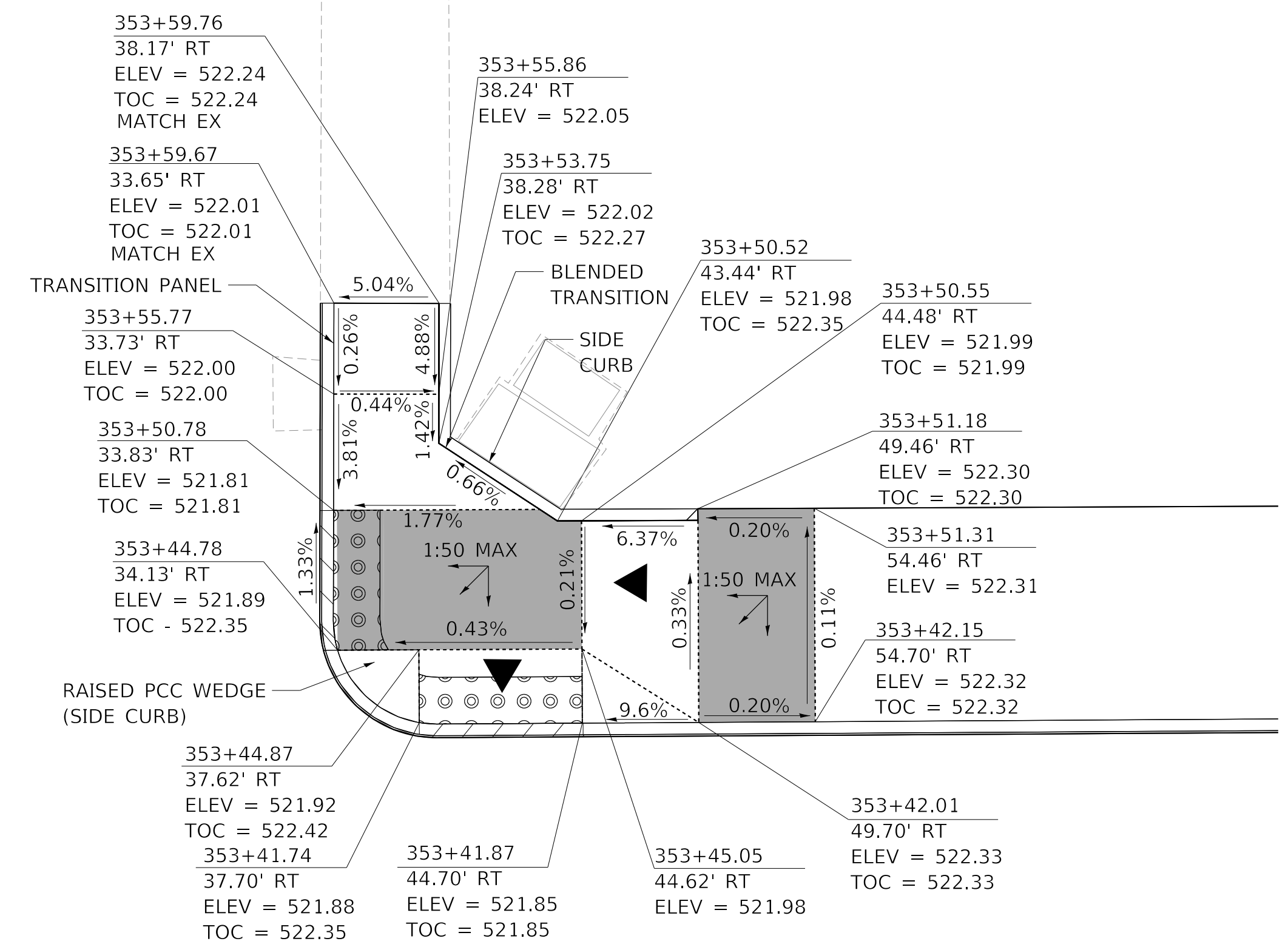
SHEET 7 OF 9 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 201 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

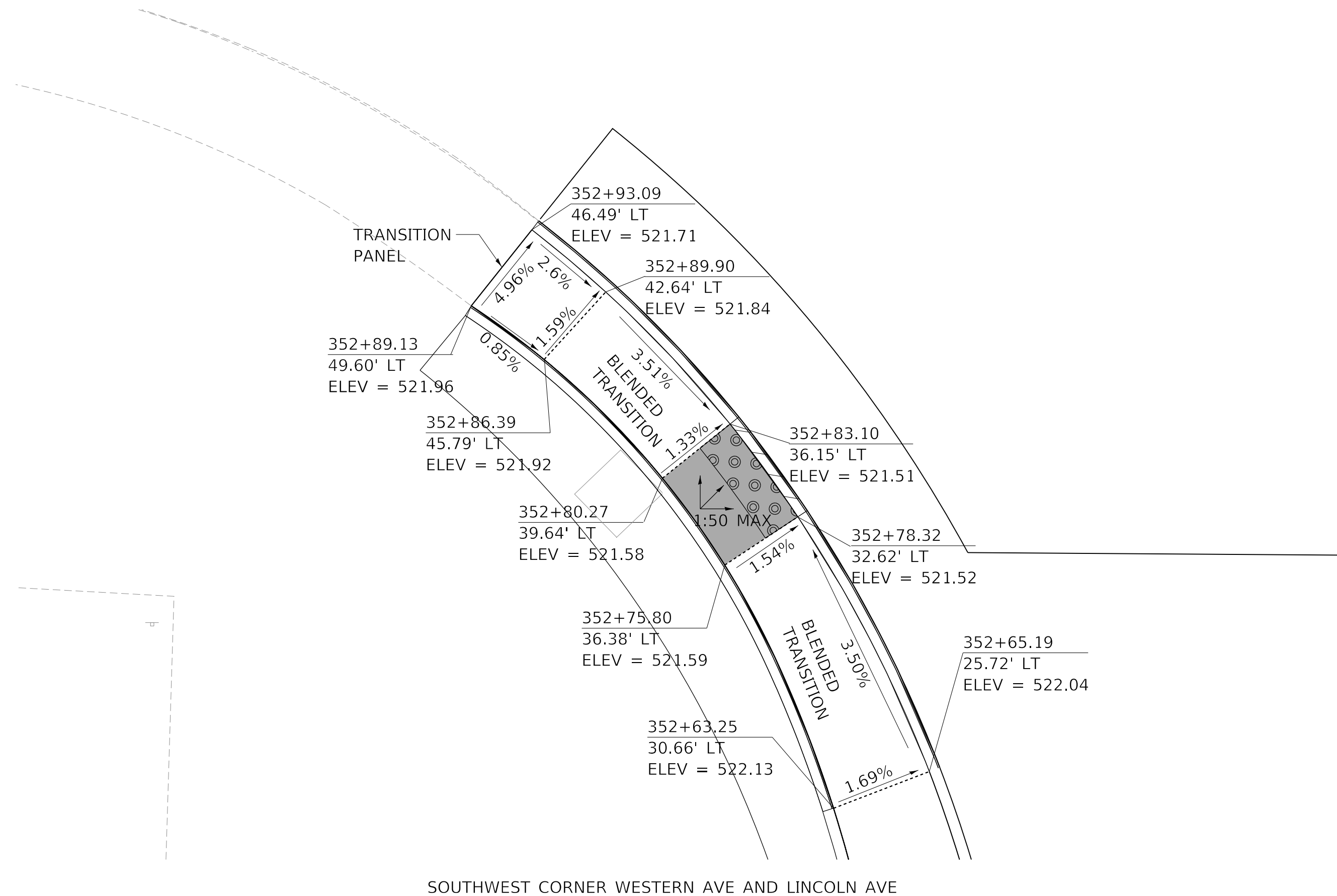


155+0C

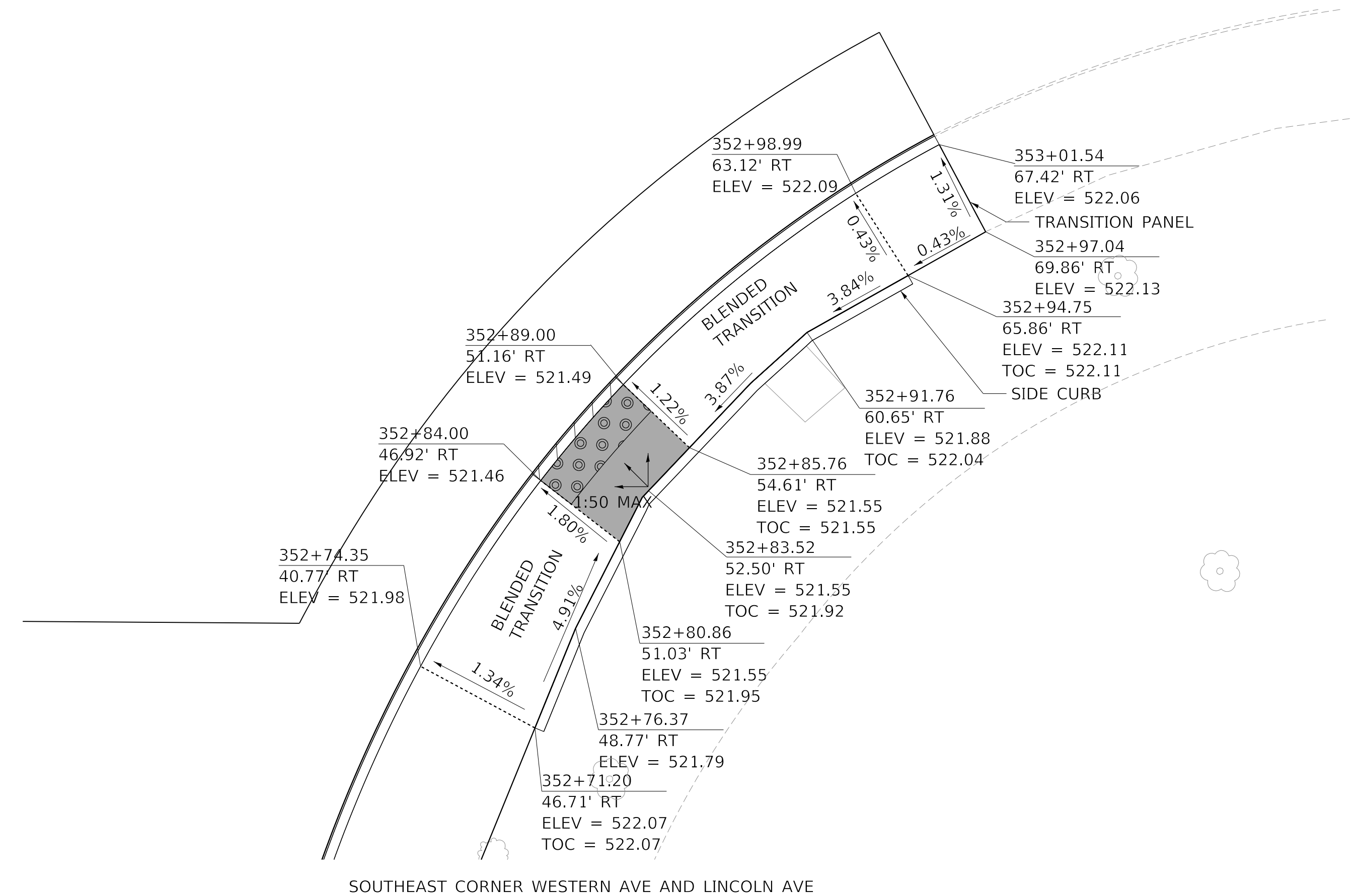
NORTHWEST CORNER WESTERN AVE AND LINCOLN AVE



NORTHEAST CORNER WESTERN AVE AND LINCOLN AVE



SOUTHWEST CORNER WESTERN AVE AND LINCOLN AVE



SOUTHEAST CORNER WESTERN AVE AND LINCOLN AVE

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-CURBRAMP-08.dgn



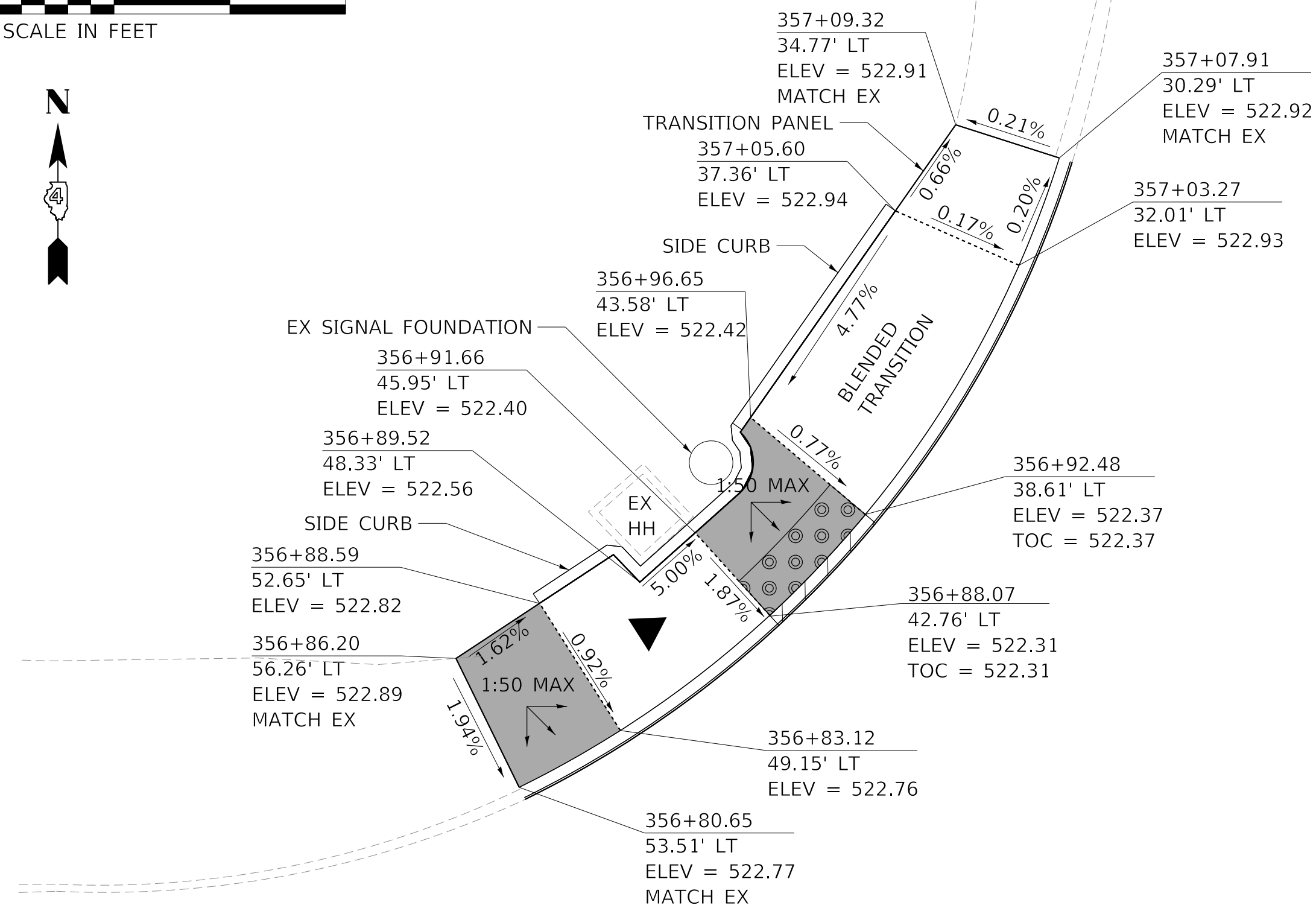
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

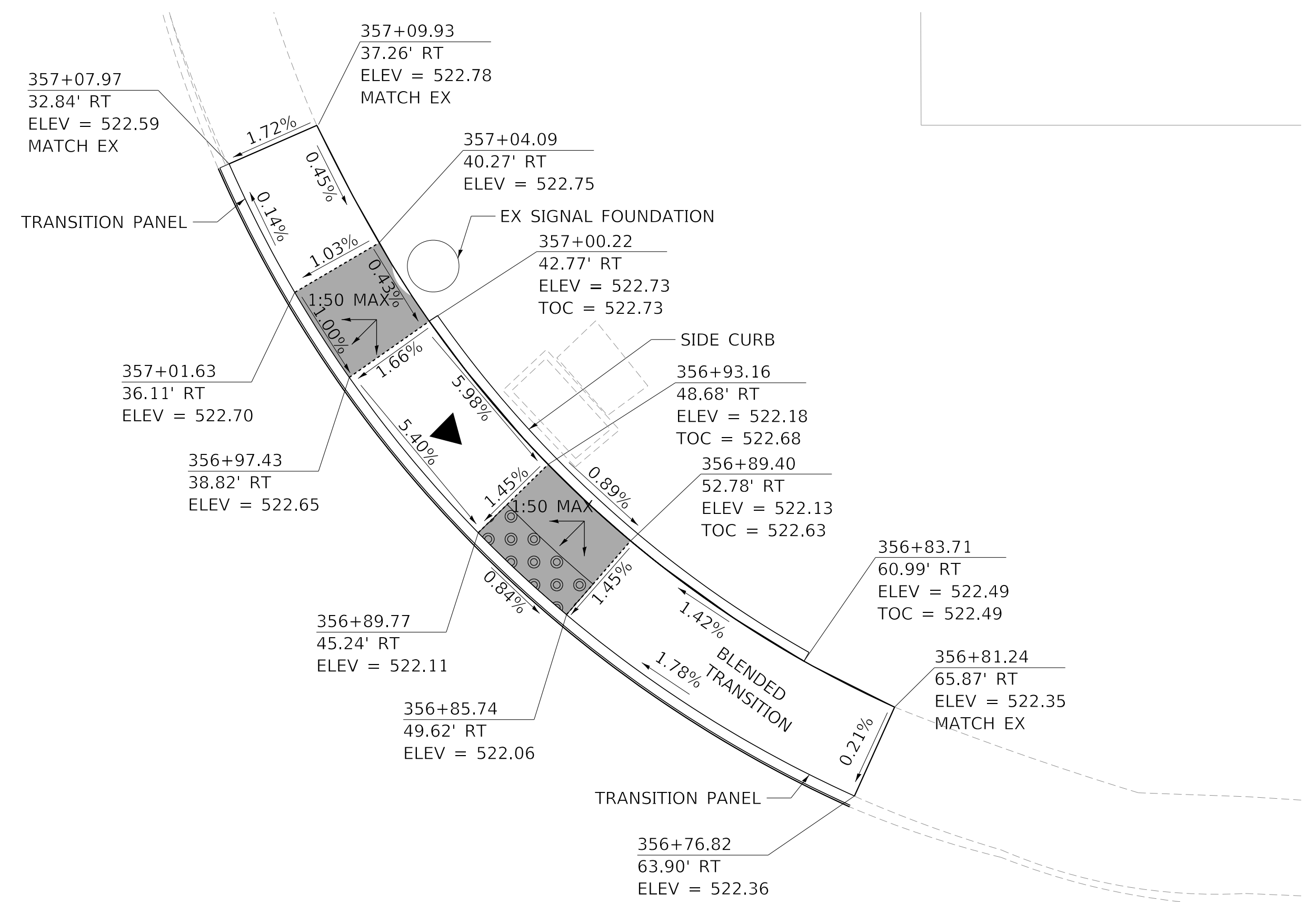
**SIDEWALK CURB RAMP DETAILS
LINCOLN AVENUE**

SCALE: 1"=5' SHEET 8 OF 9 SHEETS STA. TO STA.

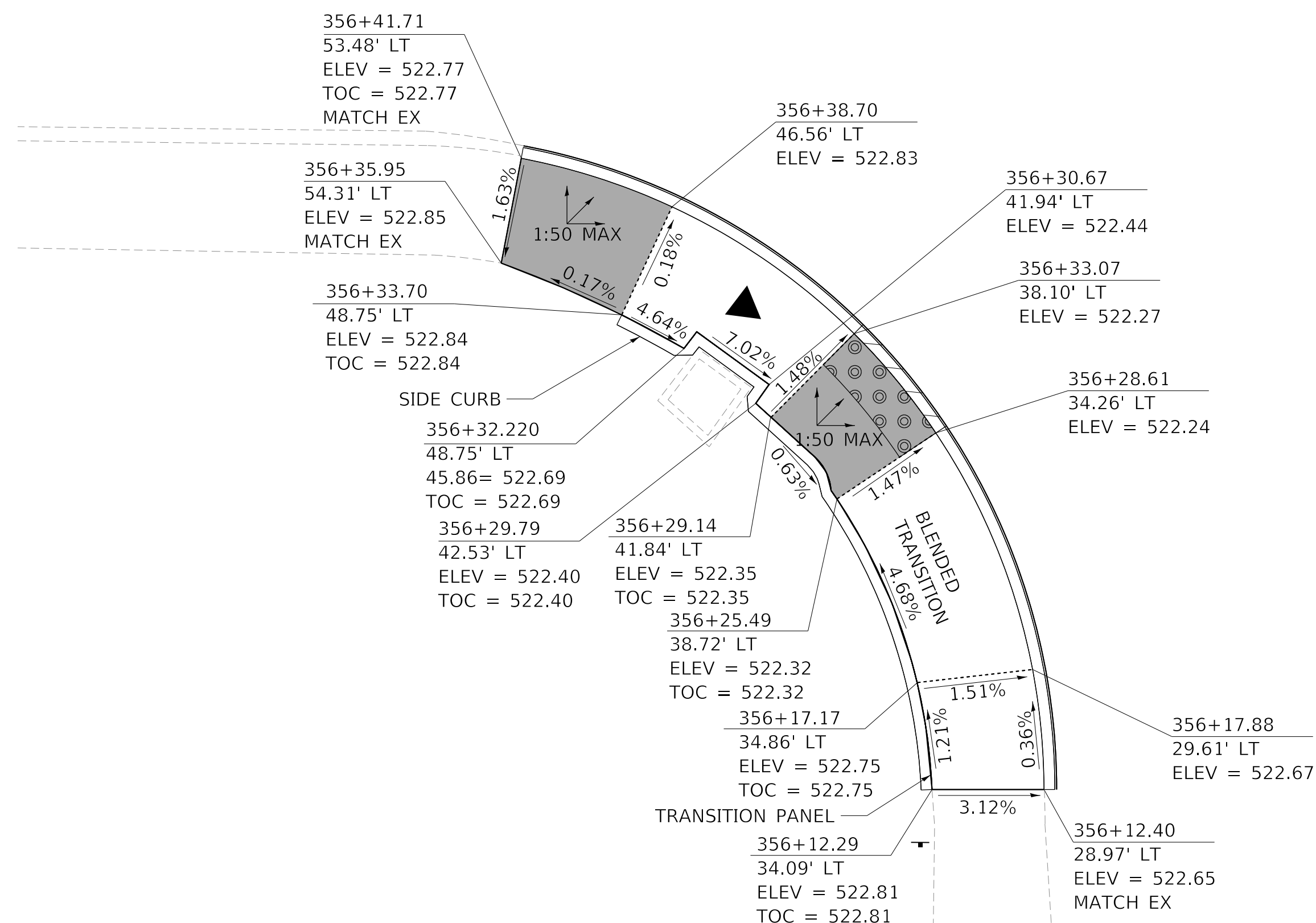
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
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| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



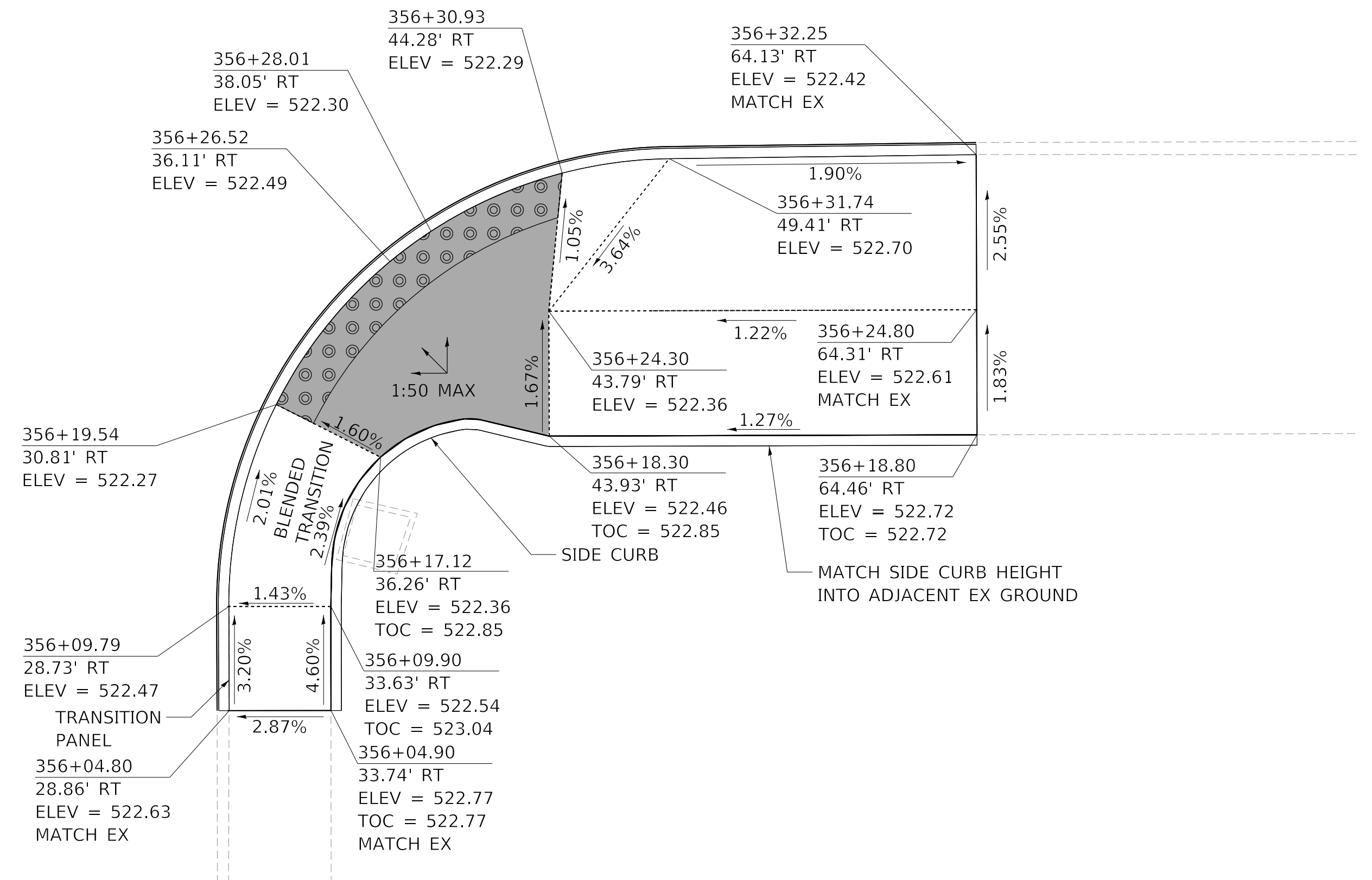
NORTHWEST CORNER WESTERN AVE AND HOWETT ST



NORTHEAST CORNER WESTERN AVE AND HOWETT ST



SOUTHWEST CORNER WESTERN AVE AND HOWETT ST



SOUTHEAST CORNER WESTERN AVE AND HOWETT ST

MODEL: Default; FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-CURBRAMP-09.dgn



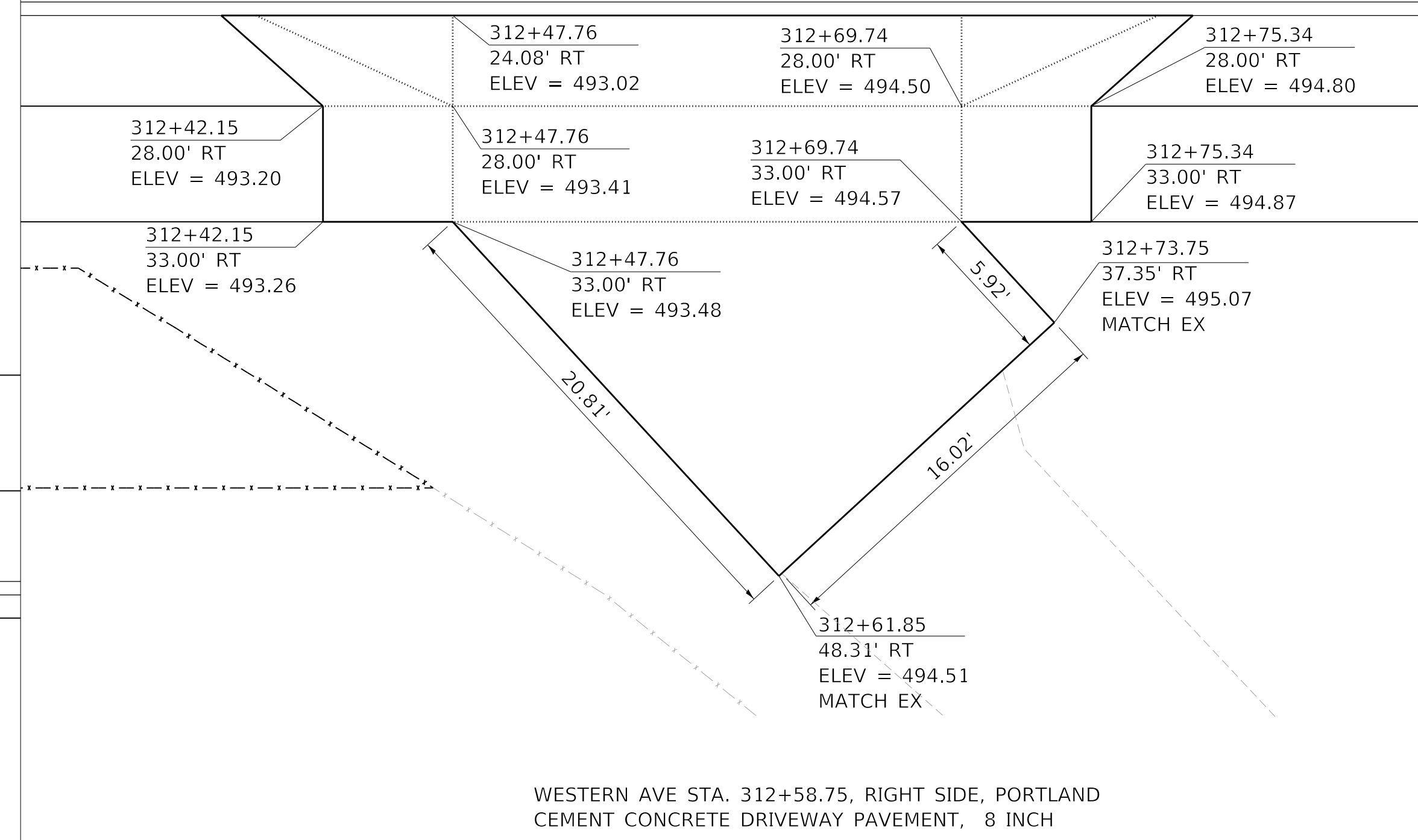
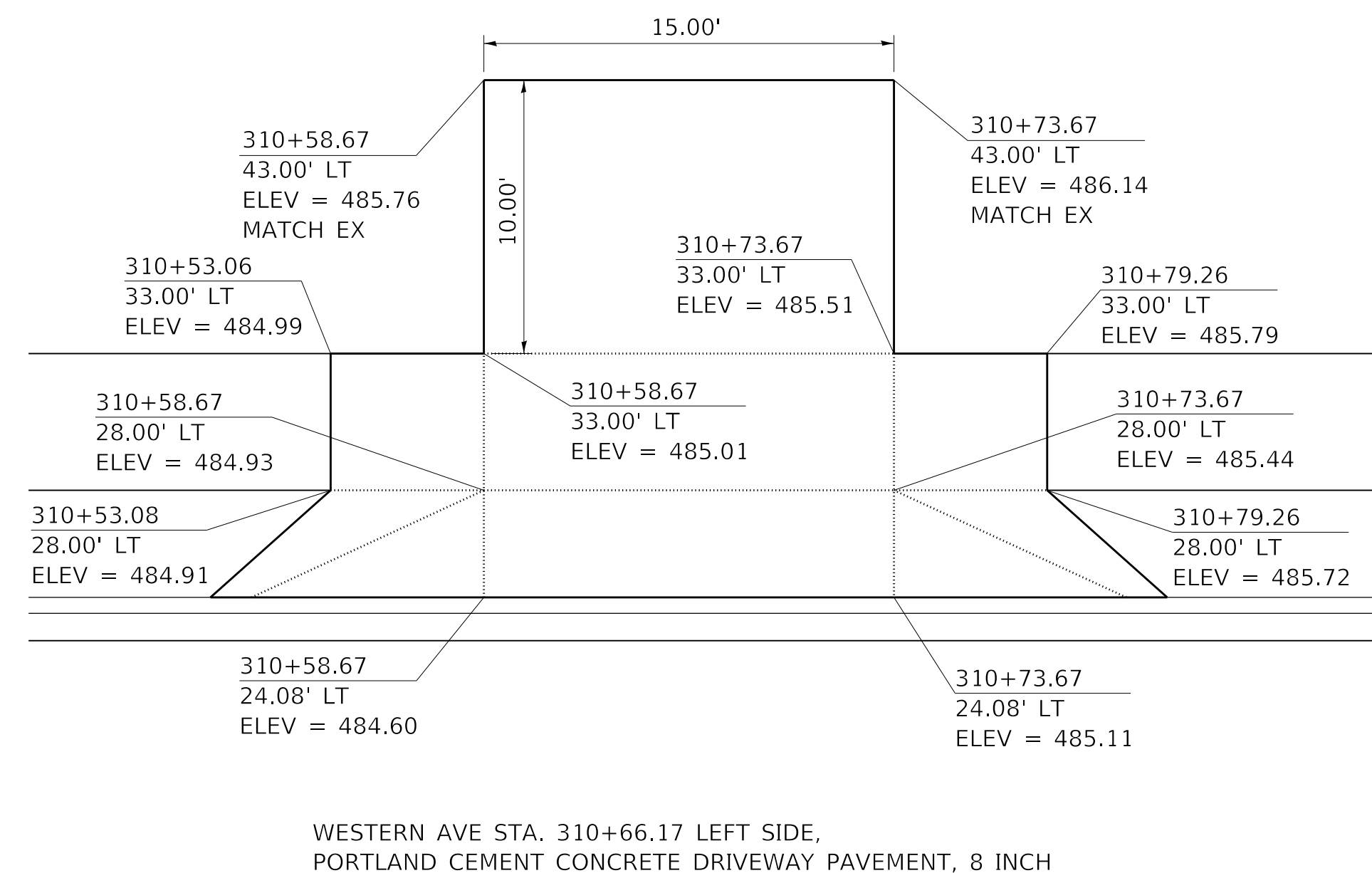
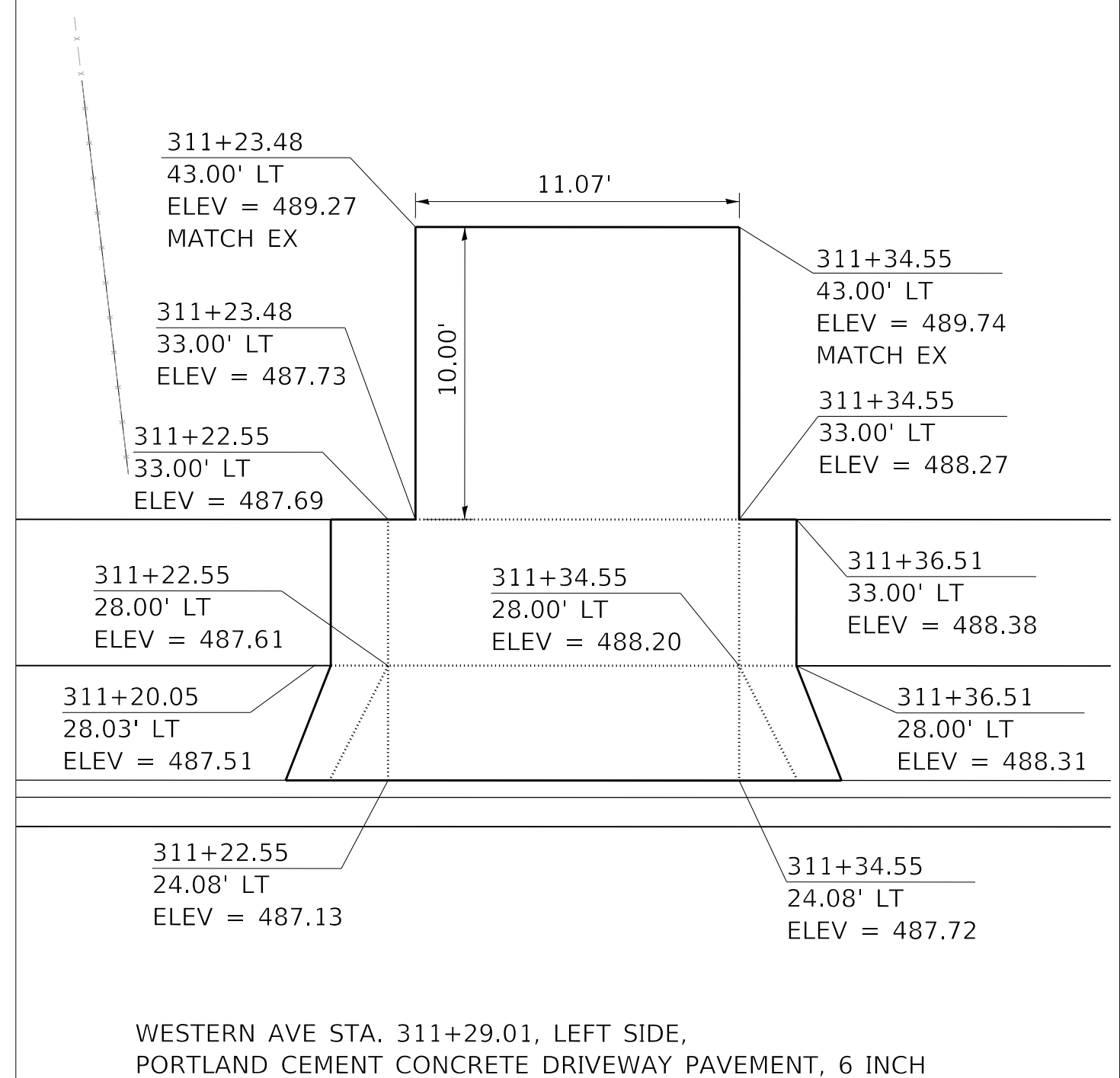
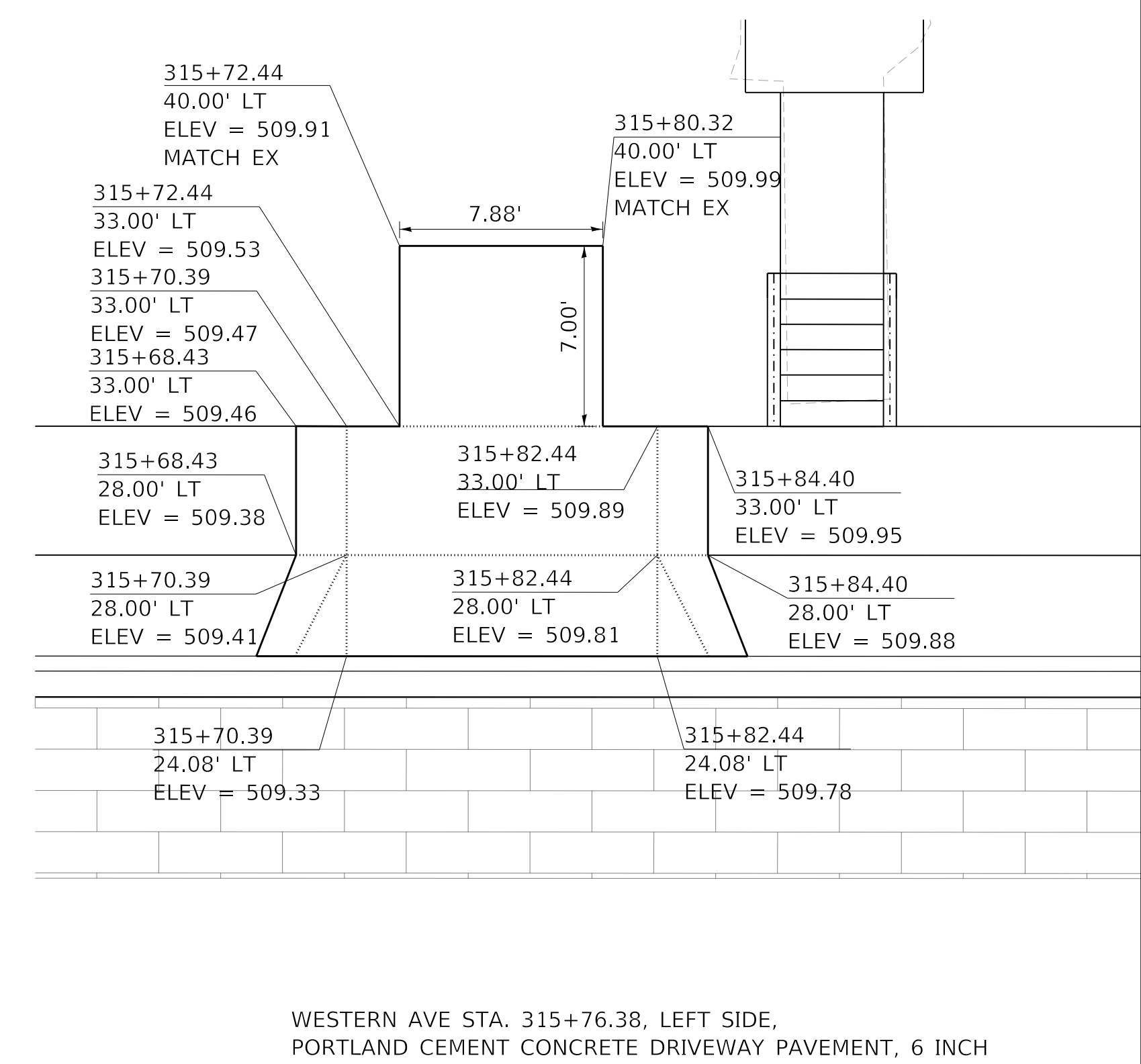
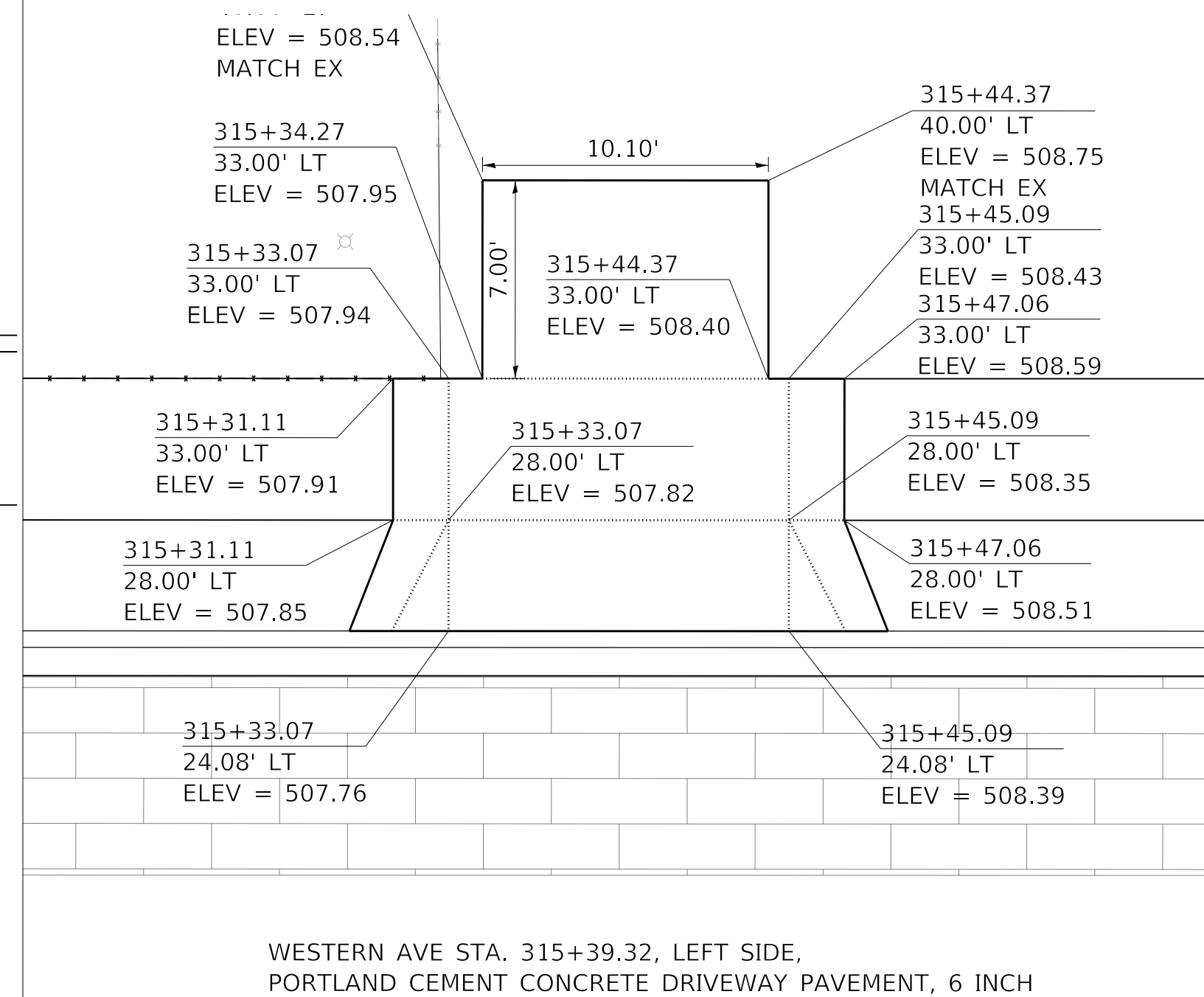
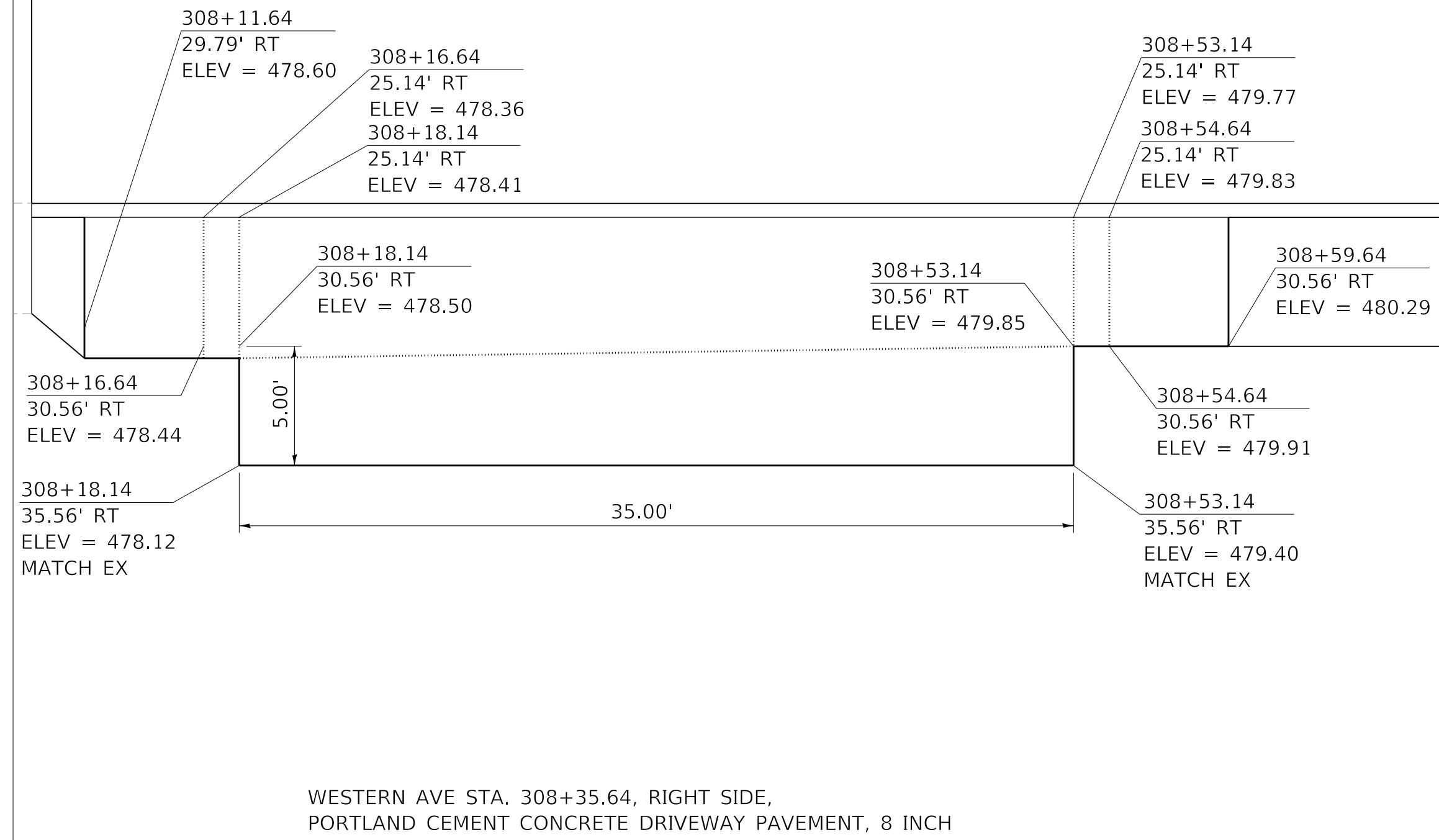
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK CURB RAMP DETAILS
HOWETT STREET**

SCALE: 1"=5' SHEET 9 OF 9 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 203 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



MODEL: Default
FILE NAME: \\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-DRIVEWAY-01.dgn



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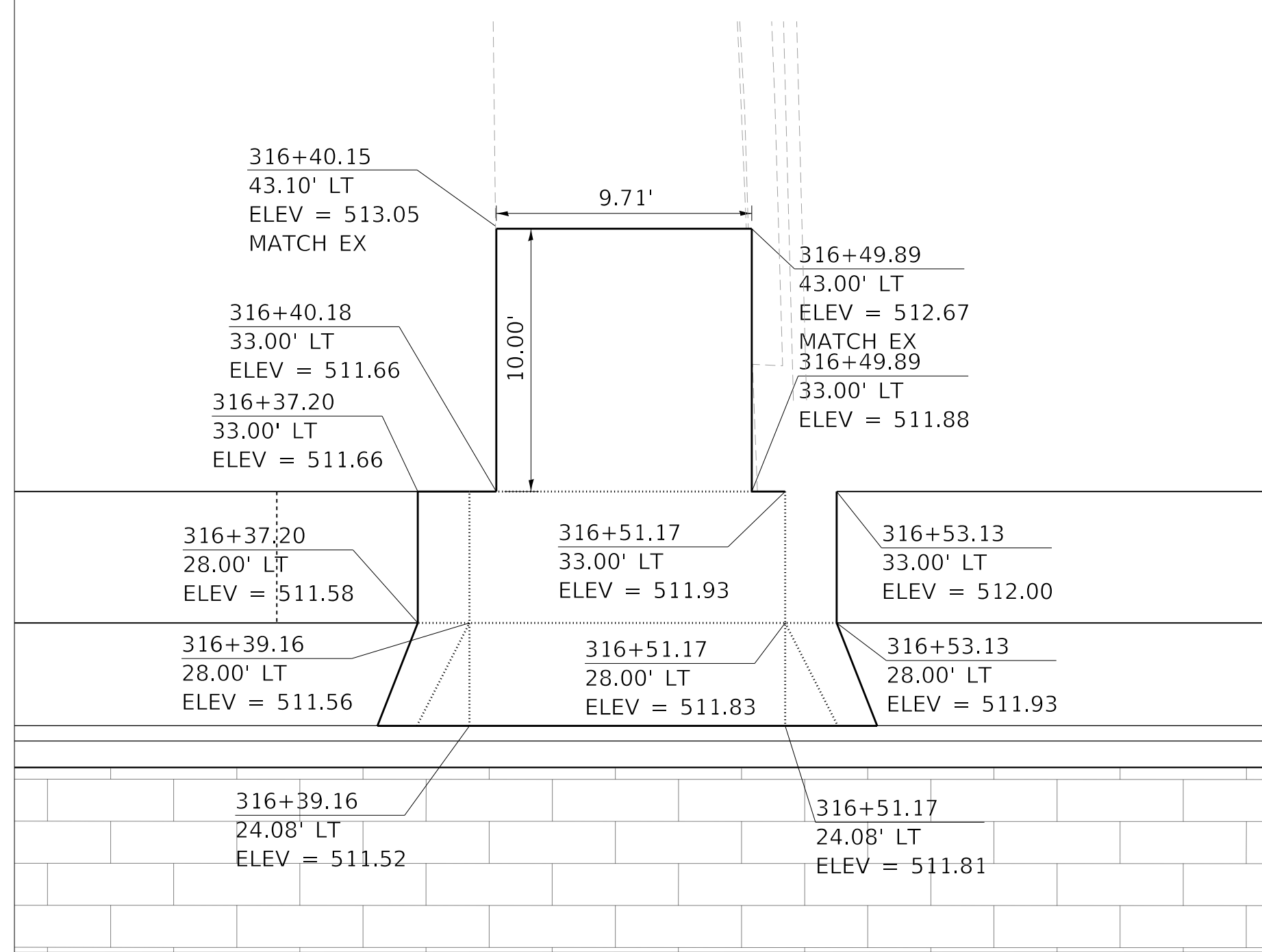
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

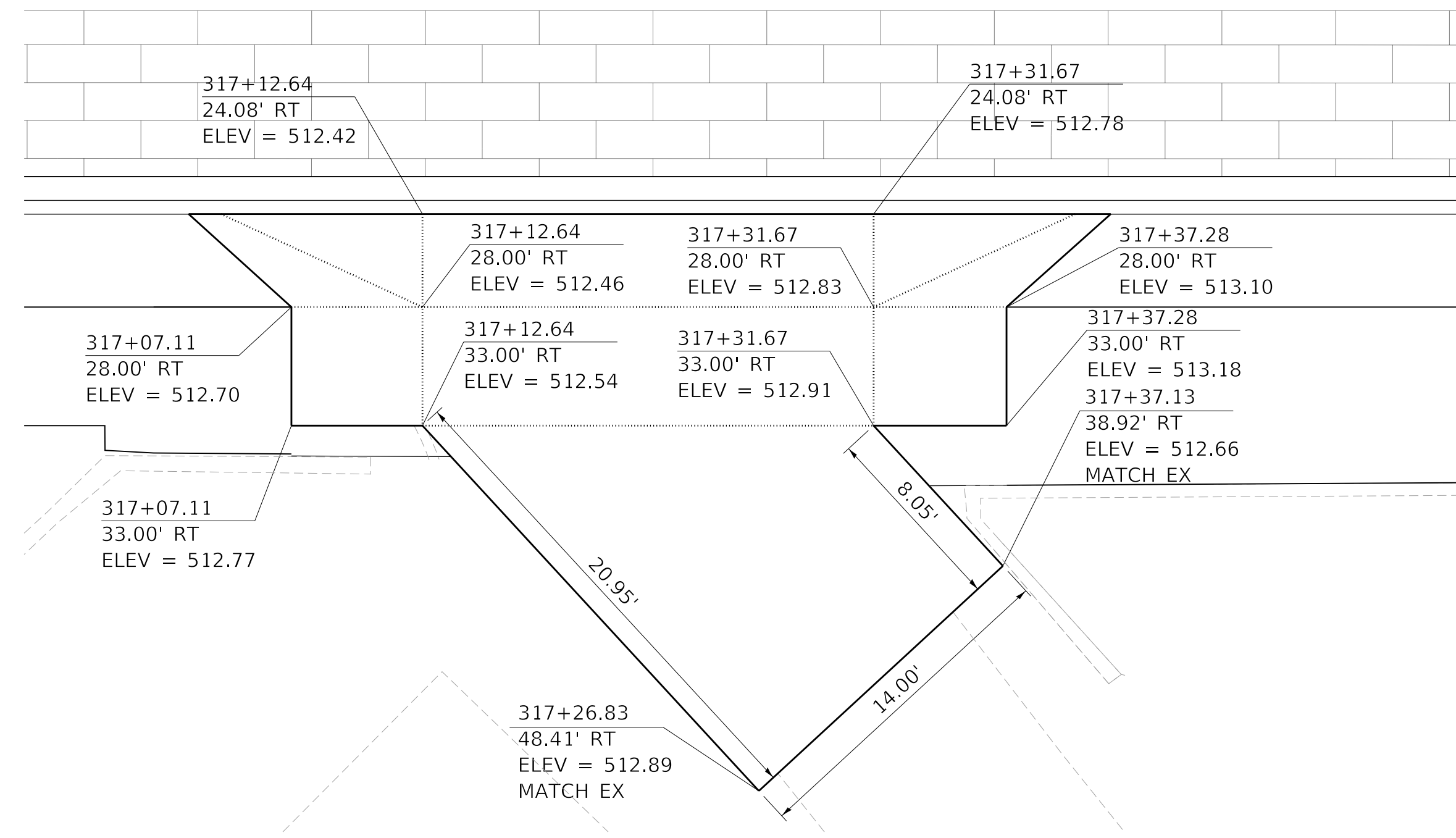
**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5' SHEET 1 OF 12 SHEETS STA. TO STA.

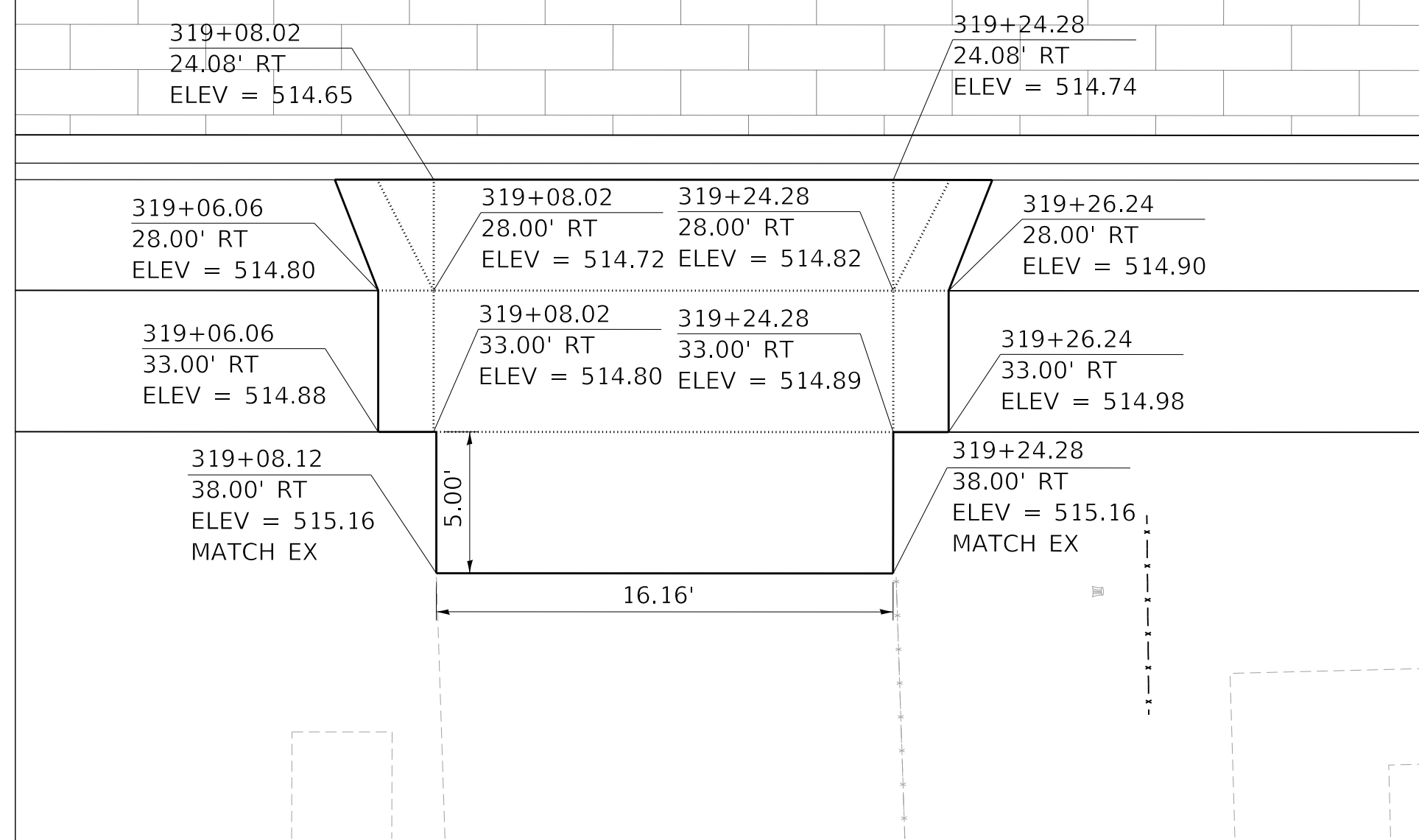
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 204 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



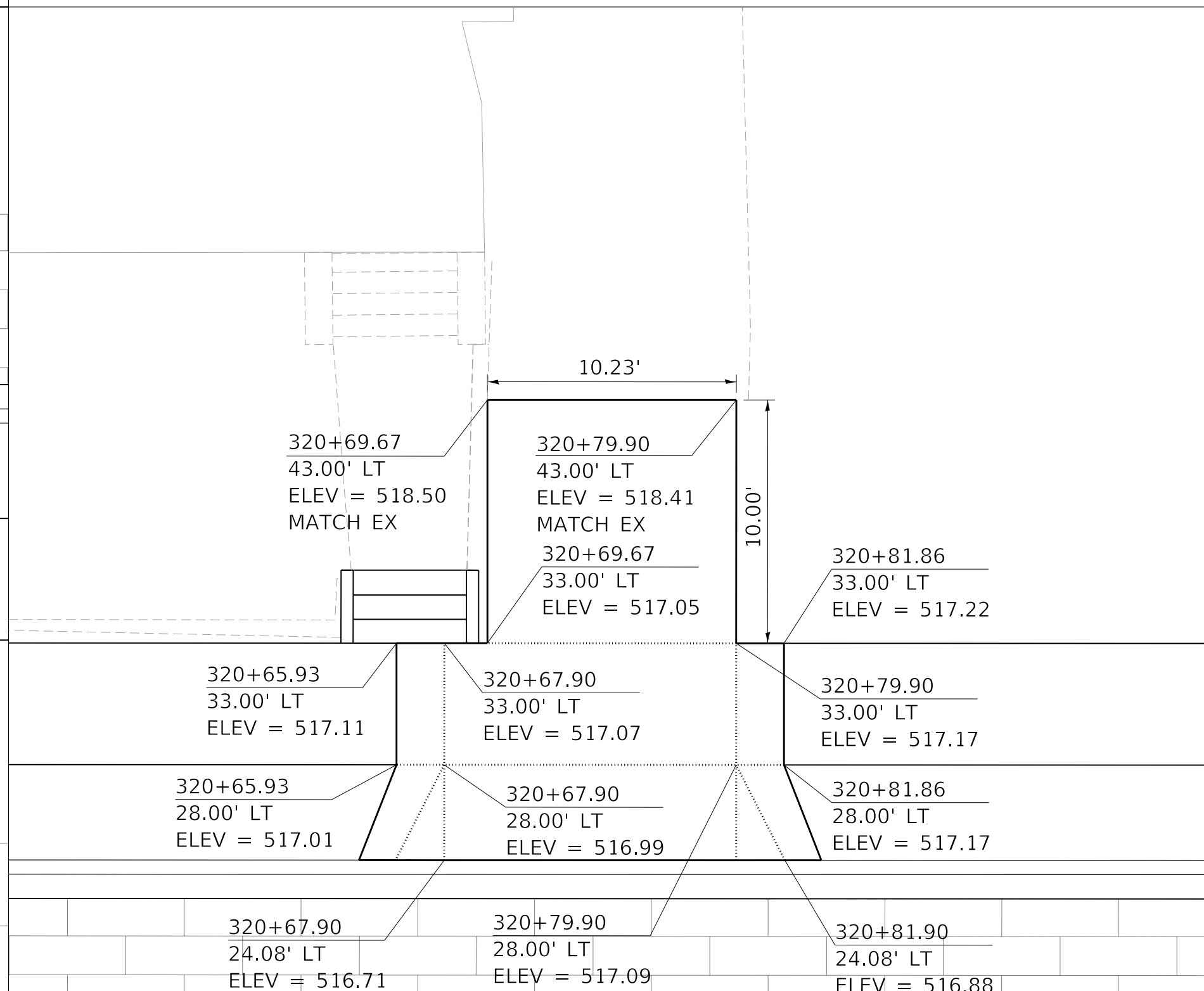
WESTERN AVE STA. 316+45.14, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



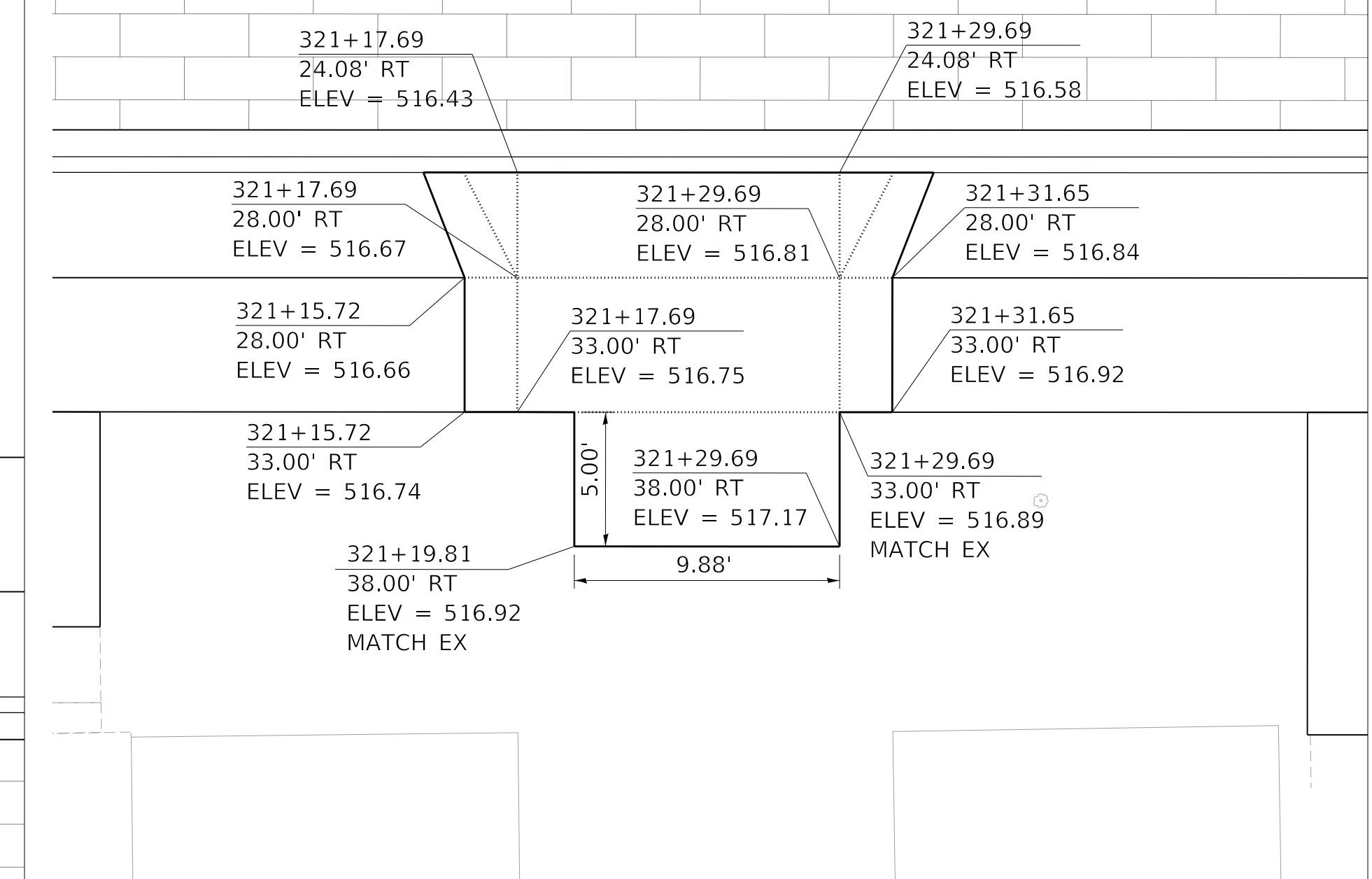
WESTERN AVE STA. 317+22.15, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 319+16.20, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



WESTERN AVE STA. 320+74.78, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



WESTERN AVE STA. 321+24.75, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-DRIVEWAY-02.dgn



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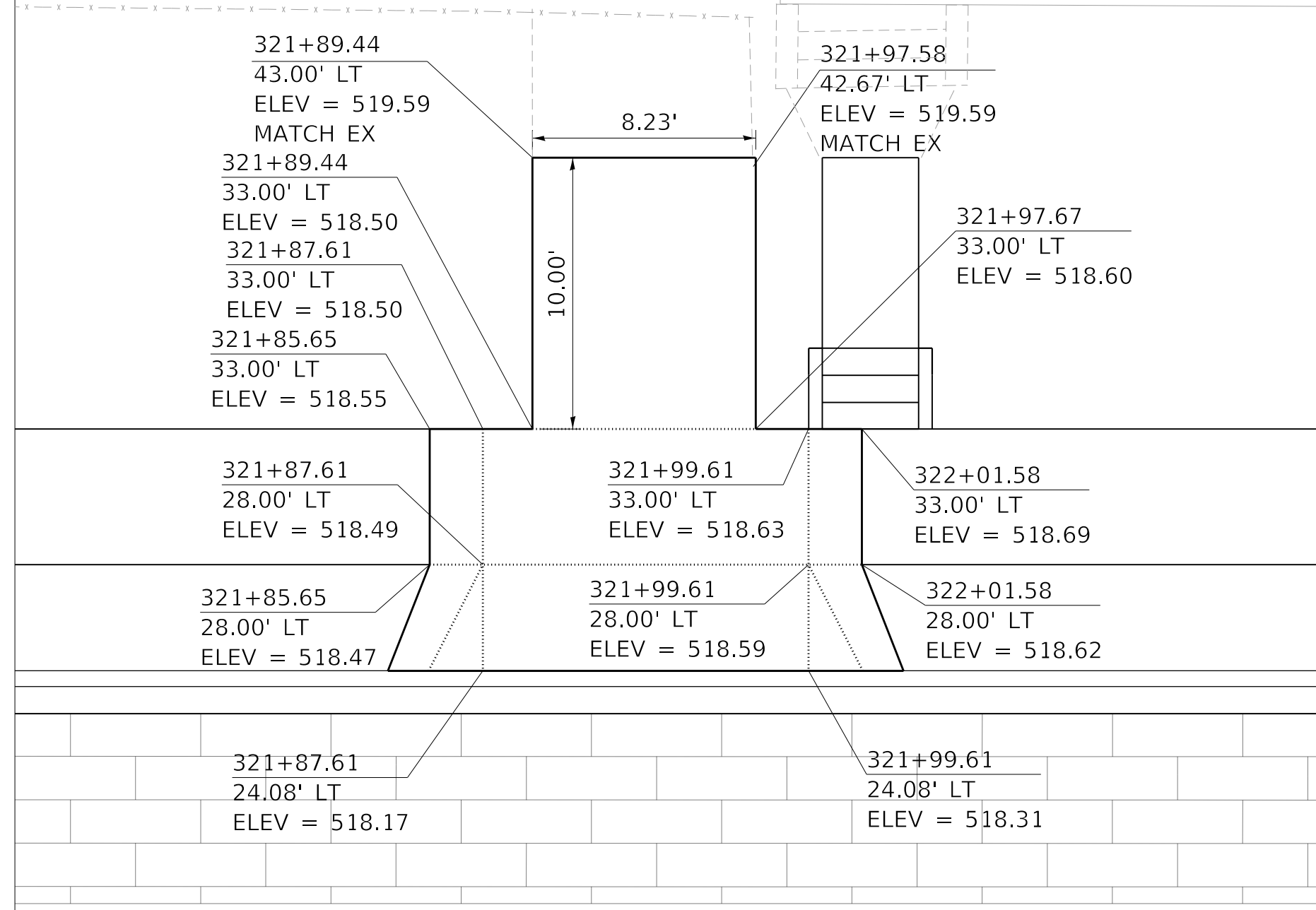
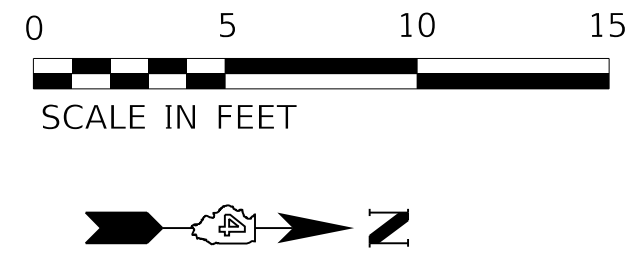
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

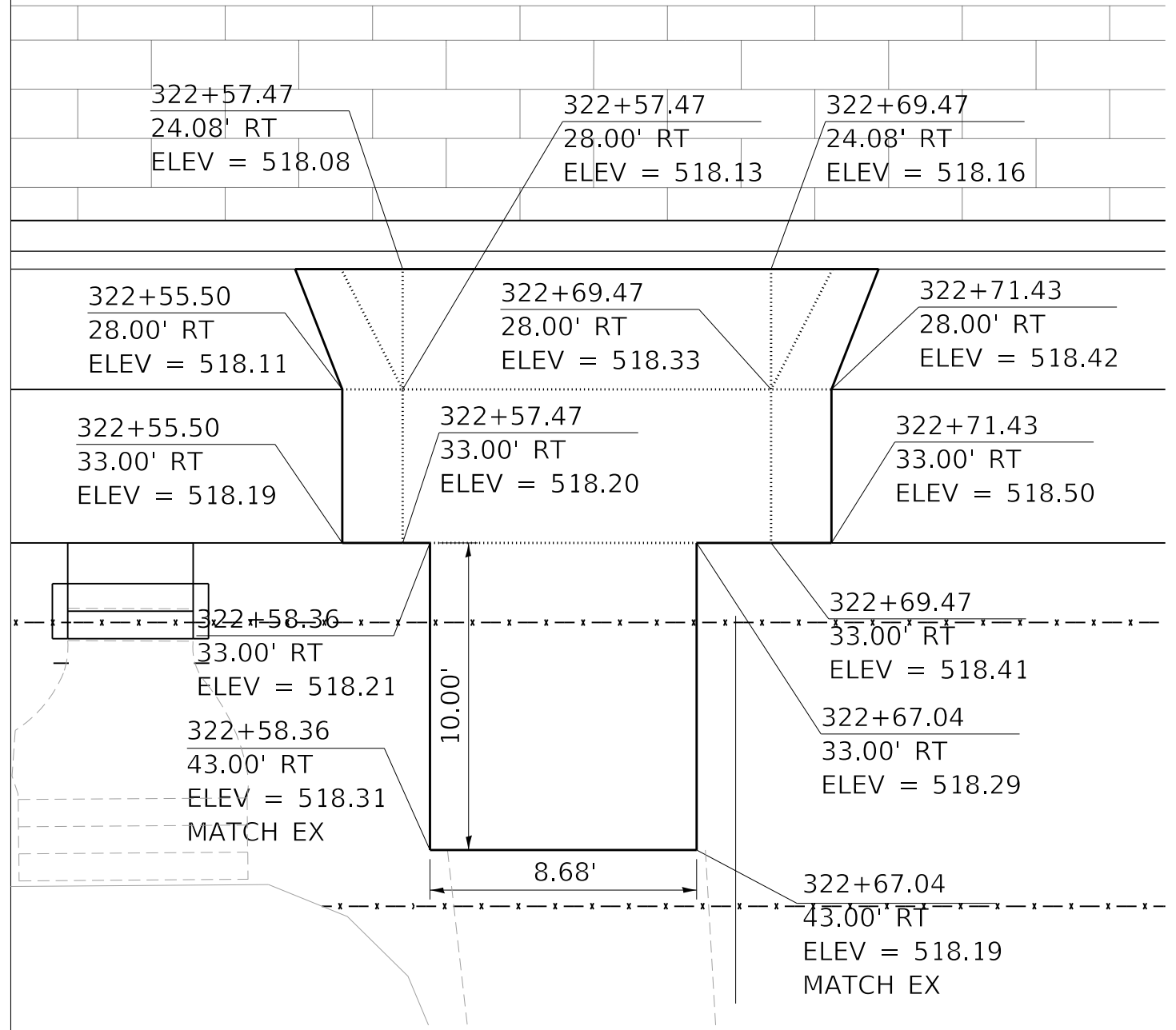
**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5' SHEET 2 OF 12 SHEETS STA. TO STA.

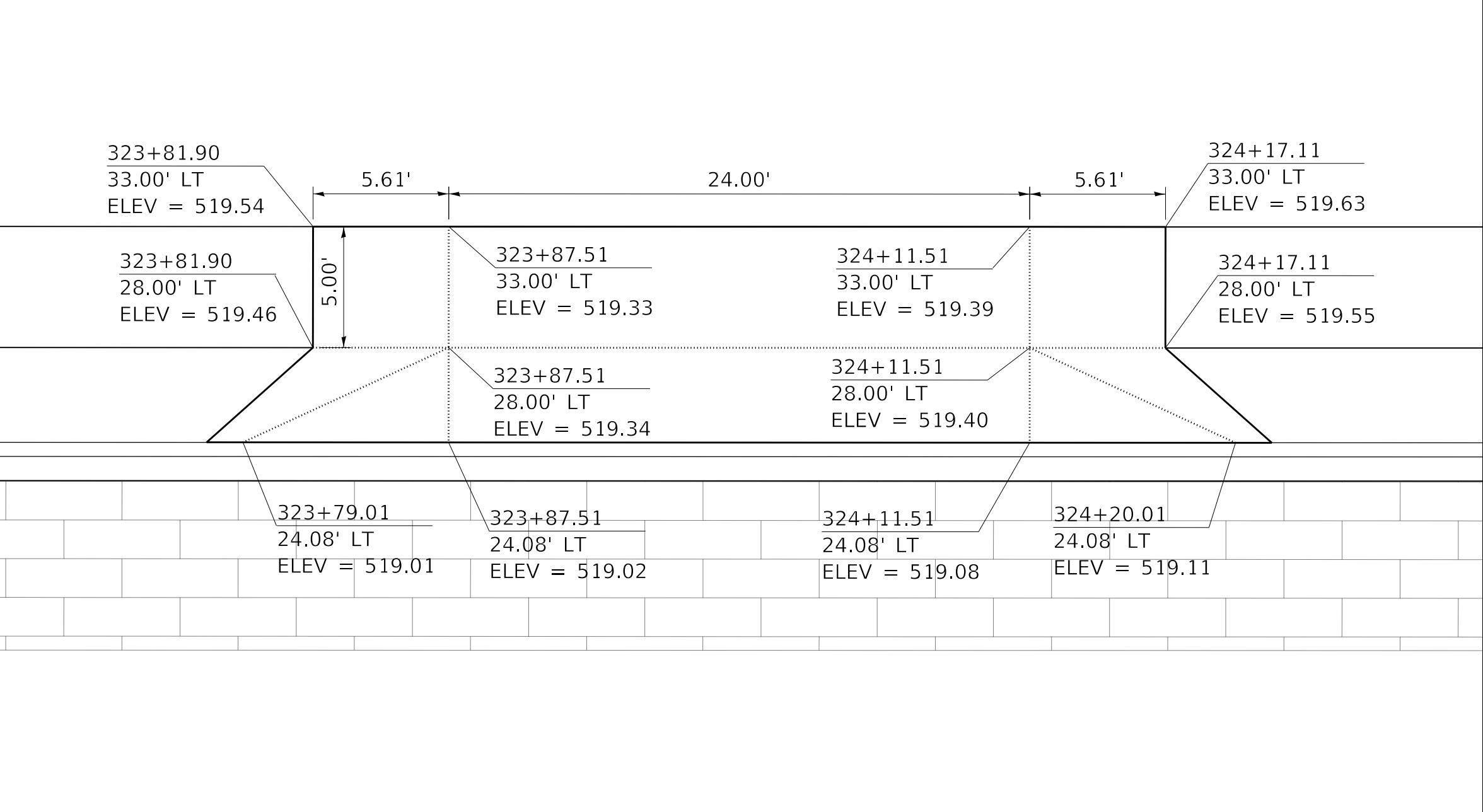
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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 205 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



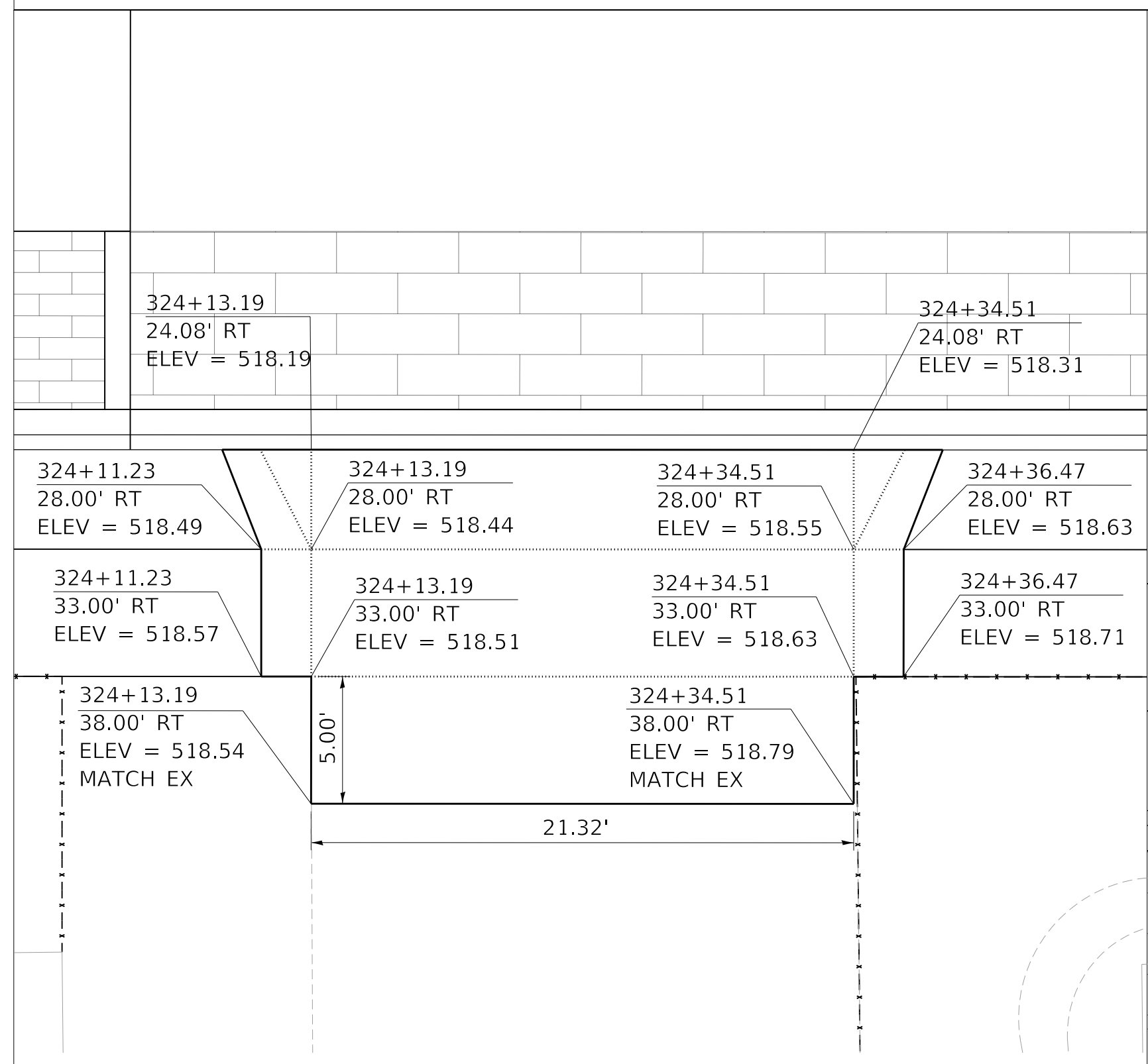
WESTERN AVE STA. 321+93.55, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



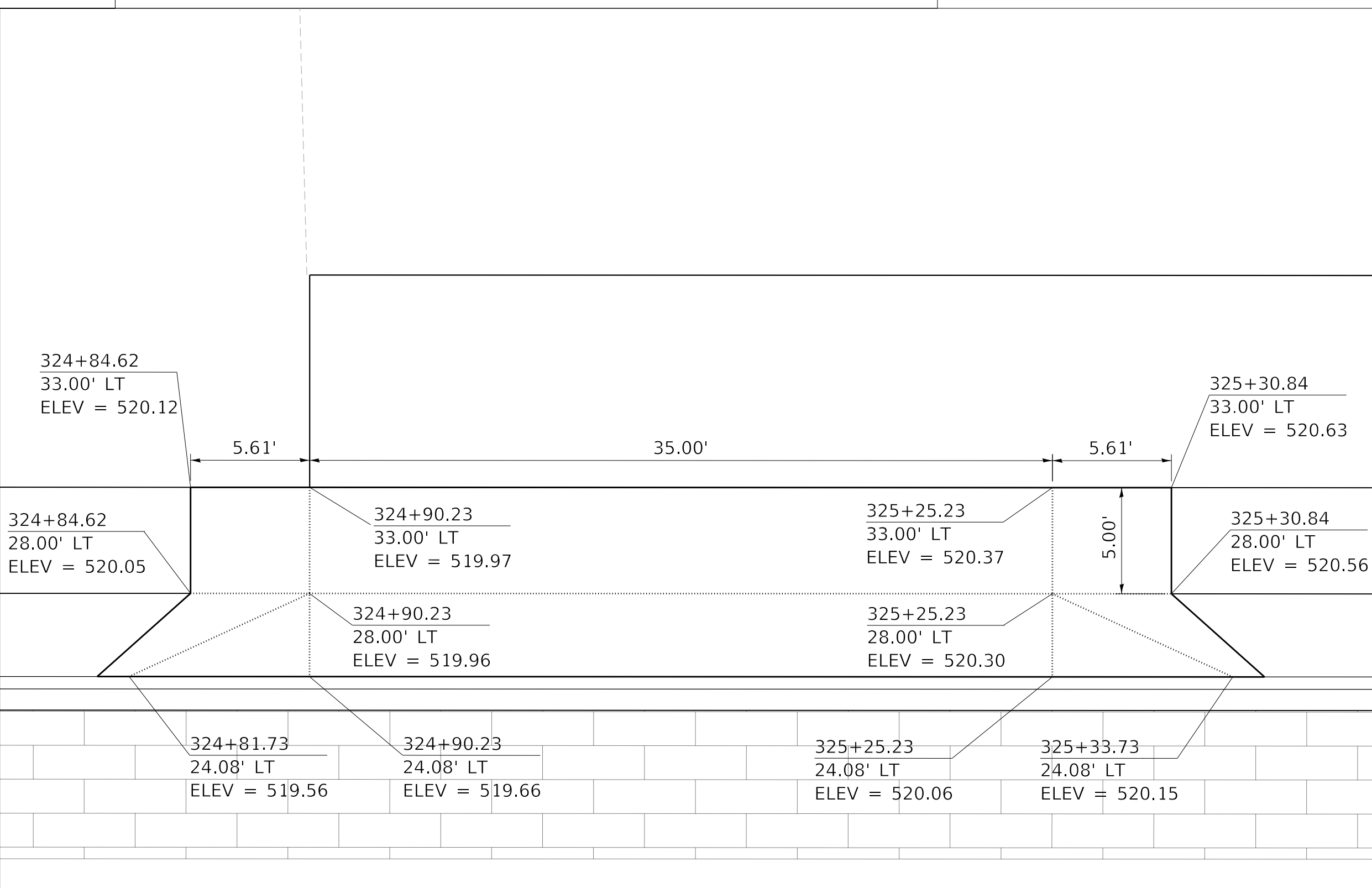
WESTERN AVE STA. 322+62.70, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



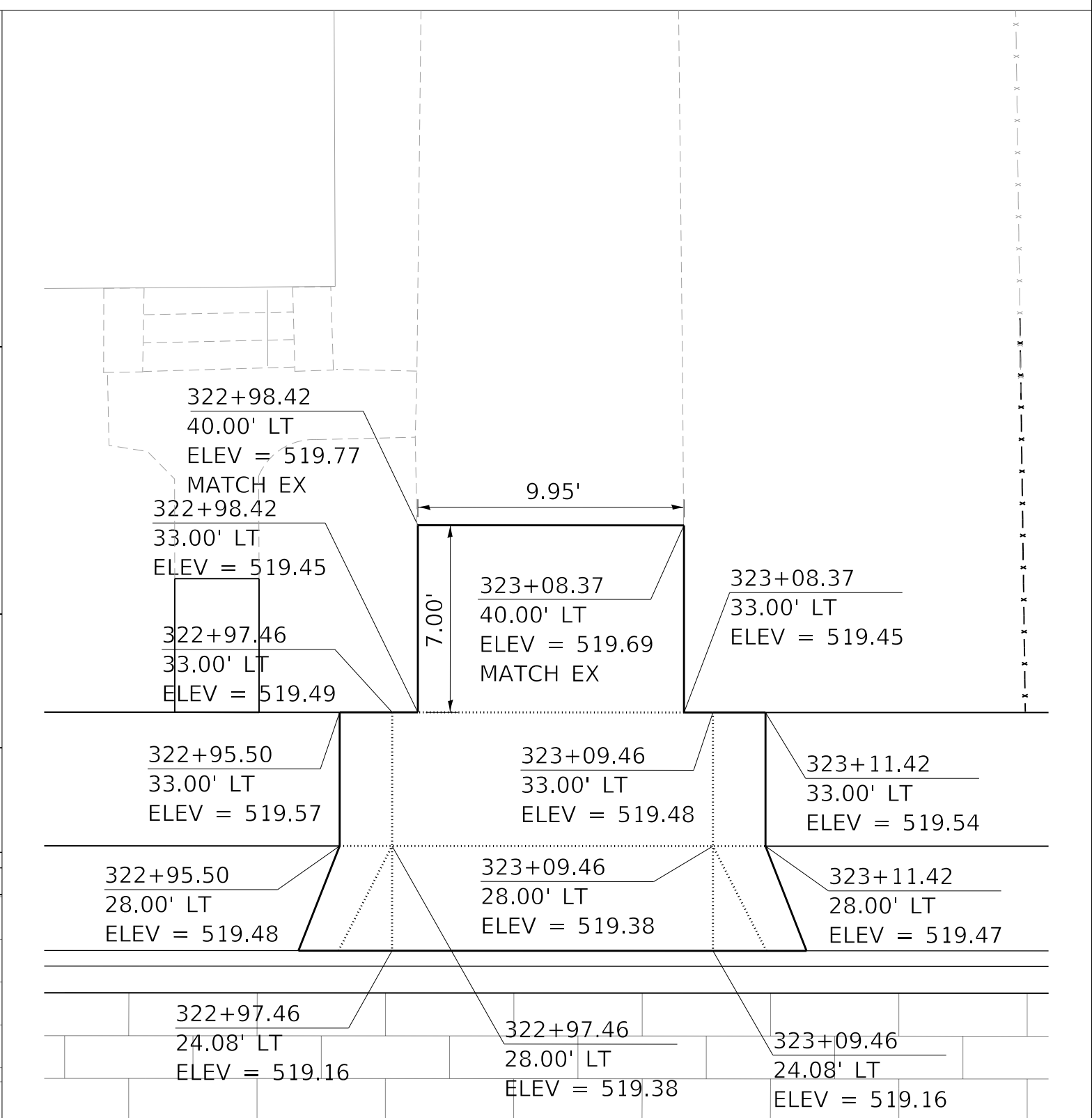
WESTERN AVE STA. 323+99.51, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



WESTERN AVE STA. 324+23.85, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



WESTERN AVE STA. 325+07.73, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 323+03.39, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-DRIVEWAY-03.dgn



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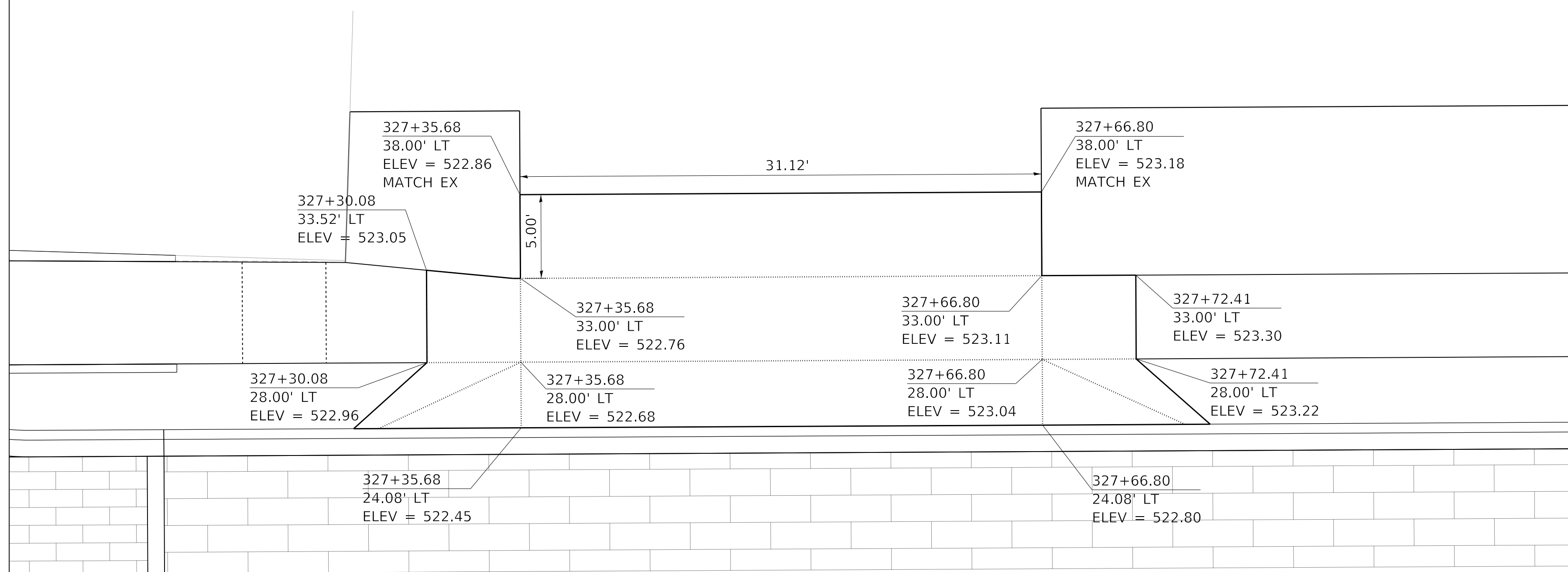
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

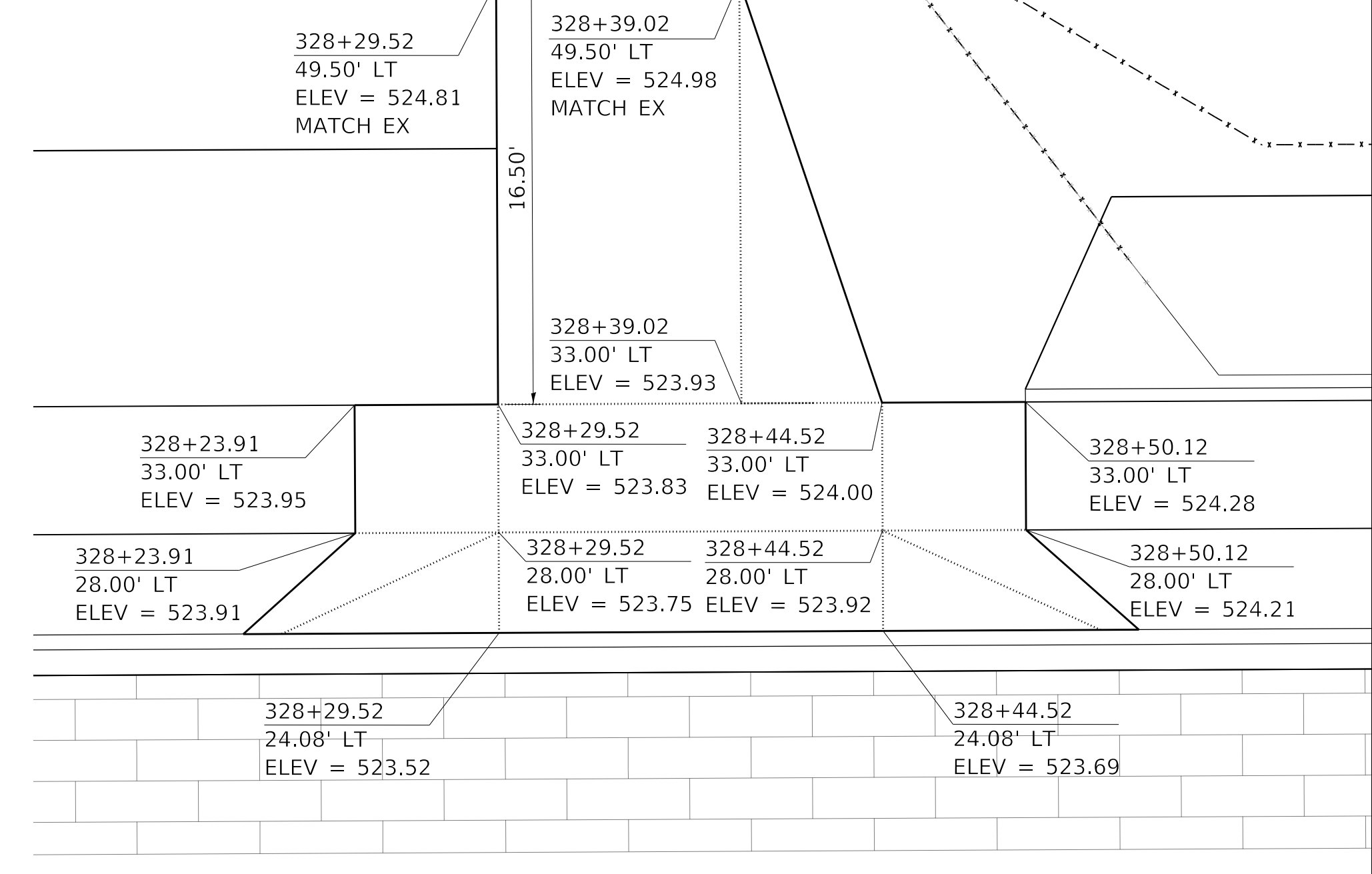
**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5' SHEET 3 OF 12 SHEETS STA. TO STA.

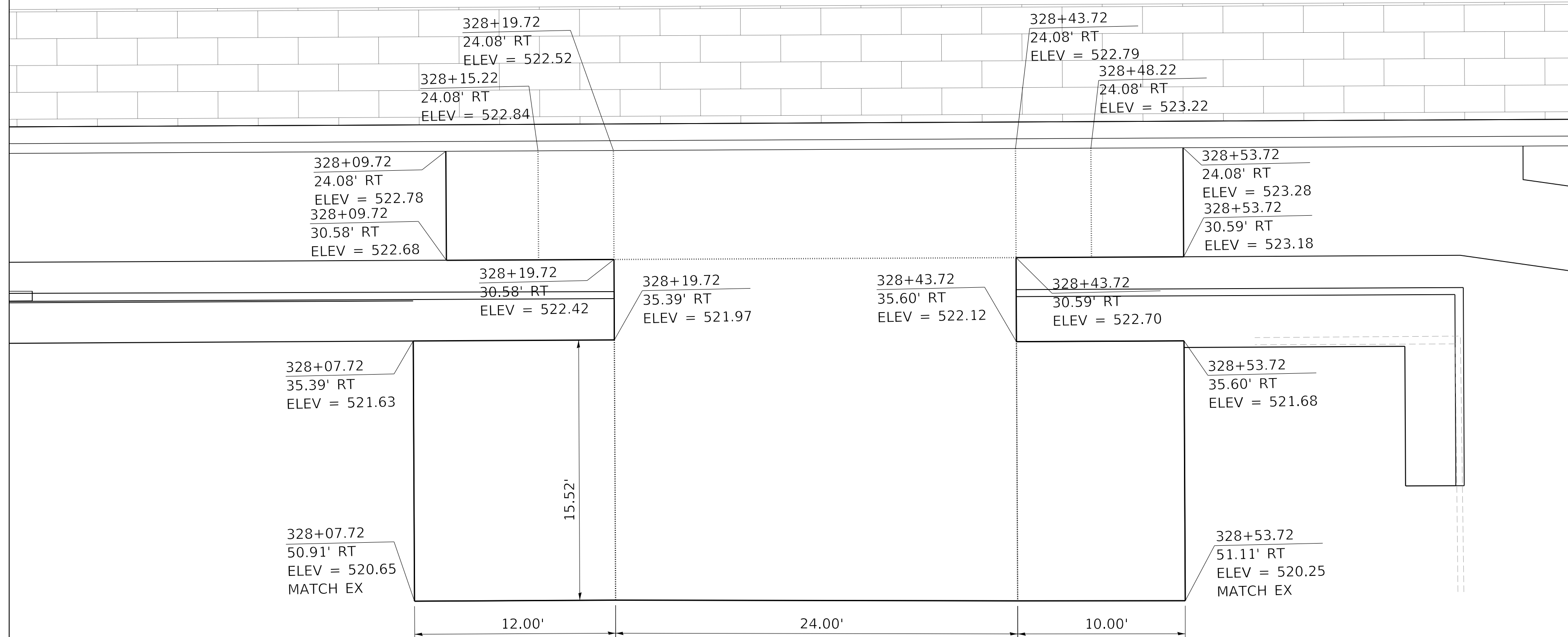
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 206 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



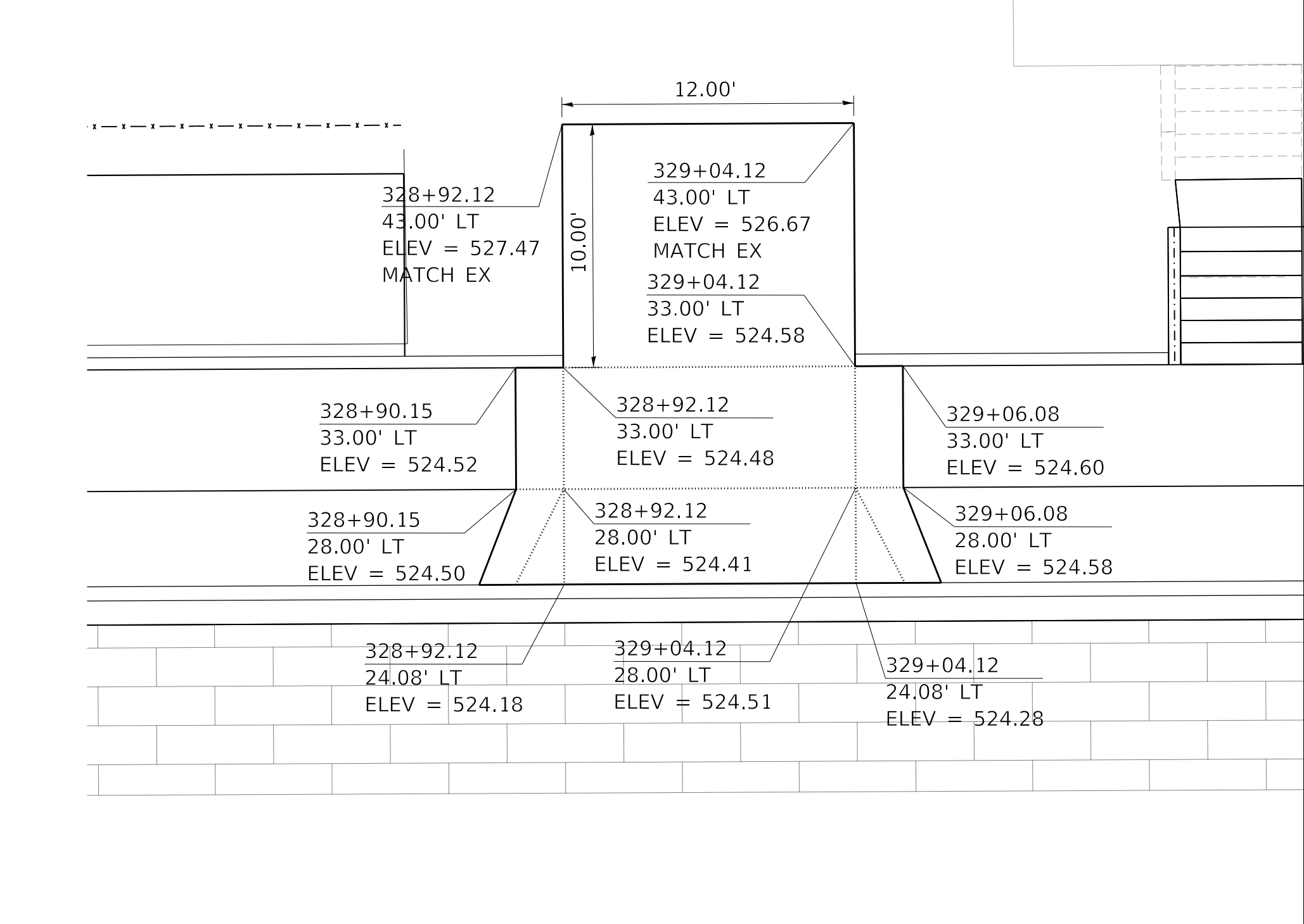
WESTERN AVE STA. 327+51.24, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 328+36.84, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 328+30.72, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 328+98.12, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

MODEL: Default
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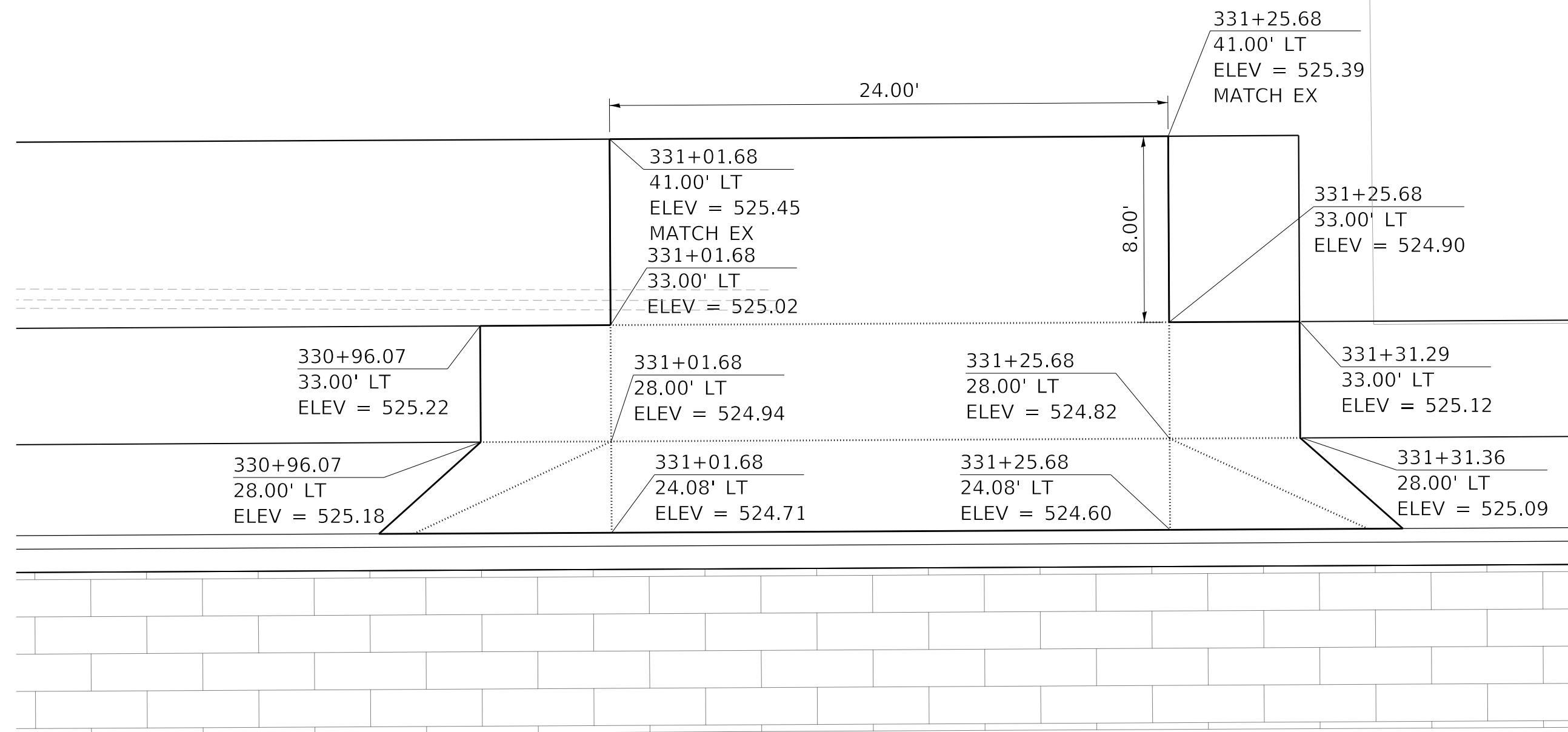
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

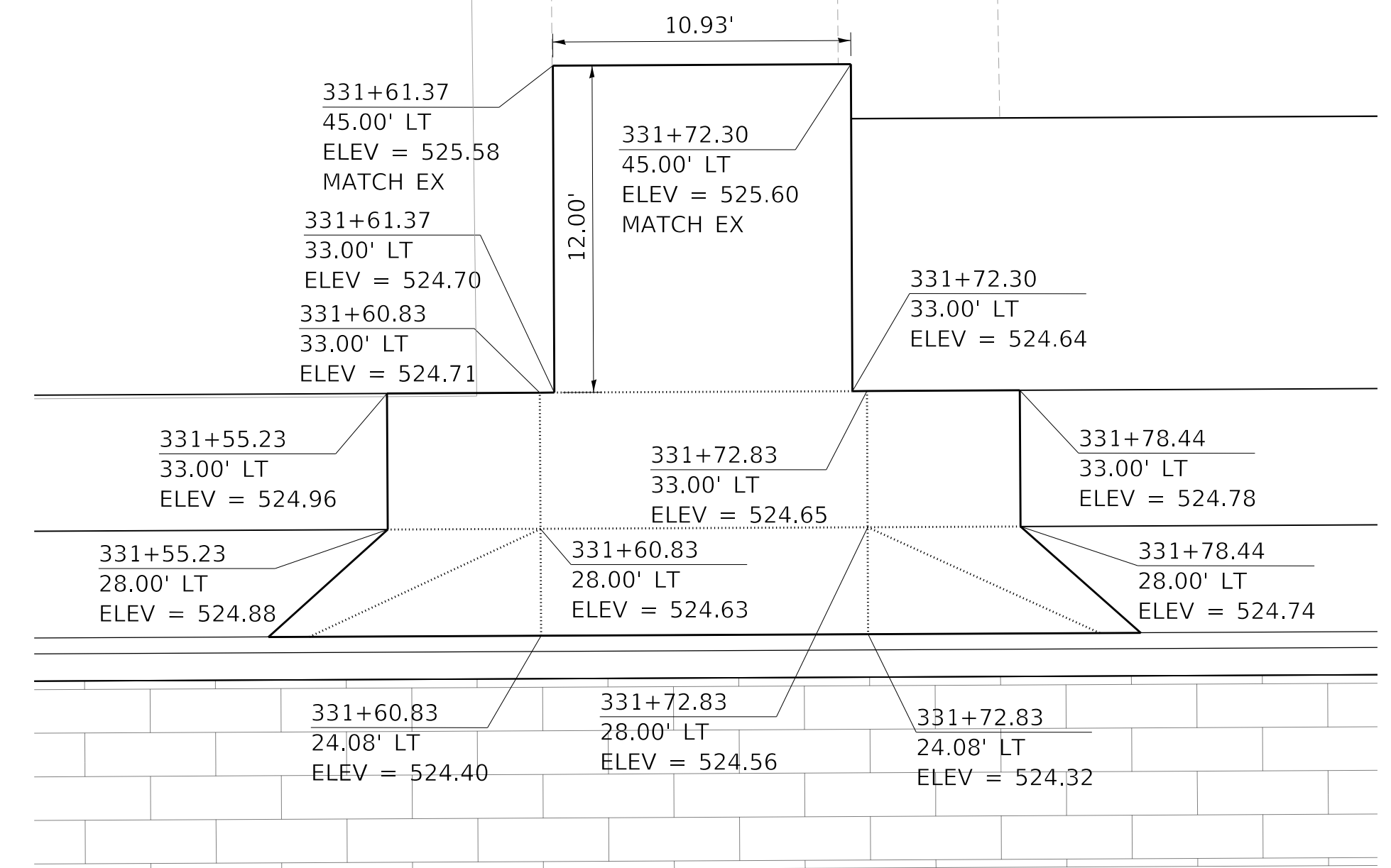
**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5' SHEET 4 OF 12 SHEETS STA. TO STA.

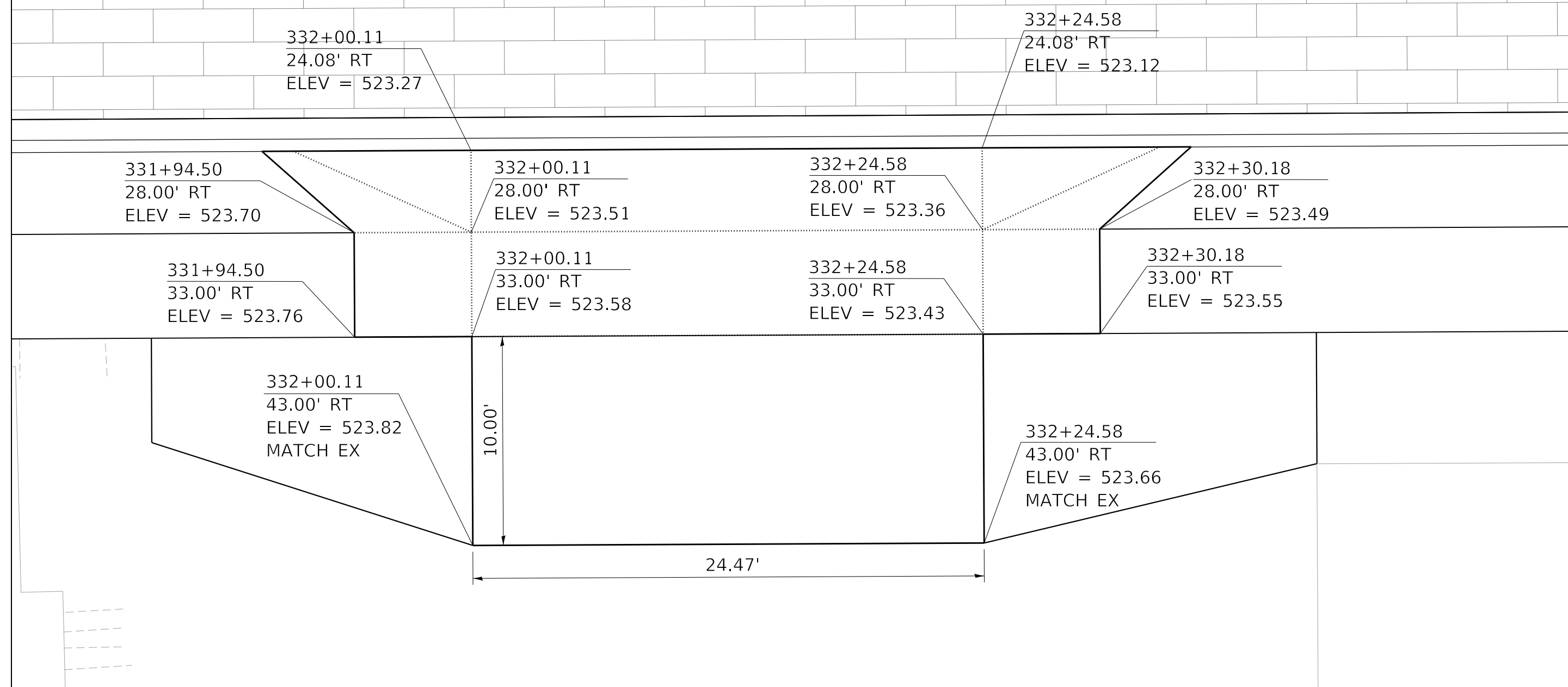
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 207 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



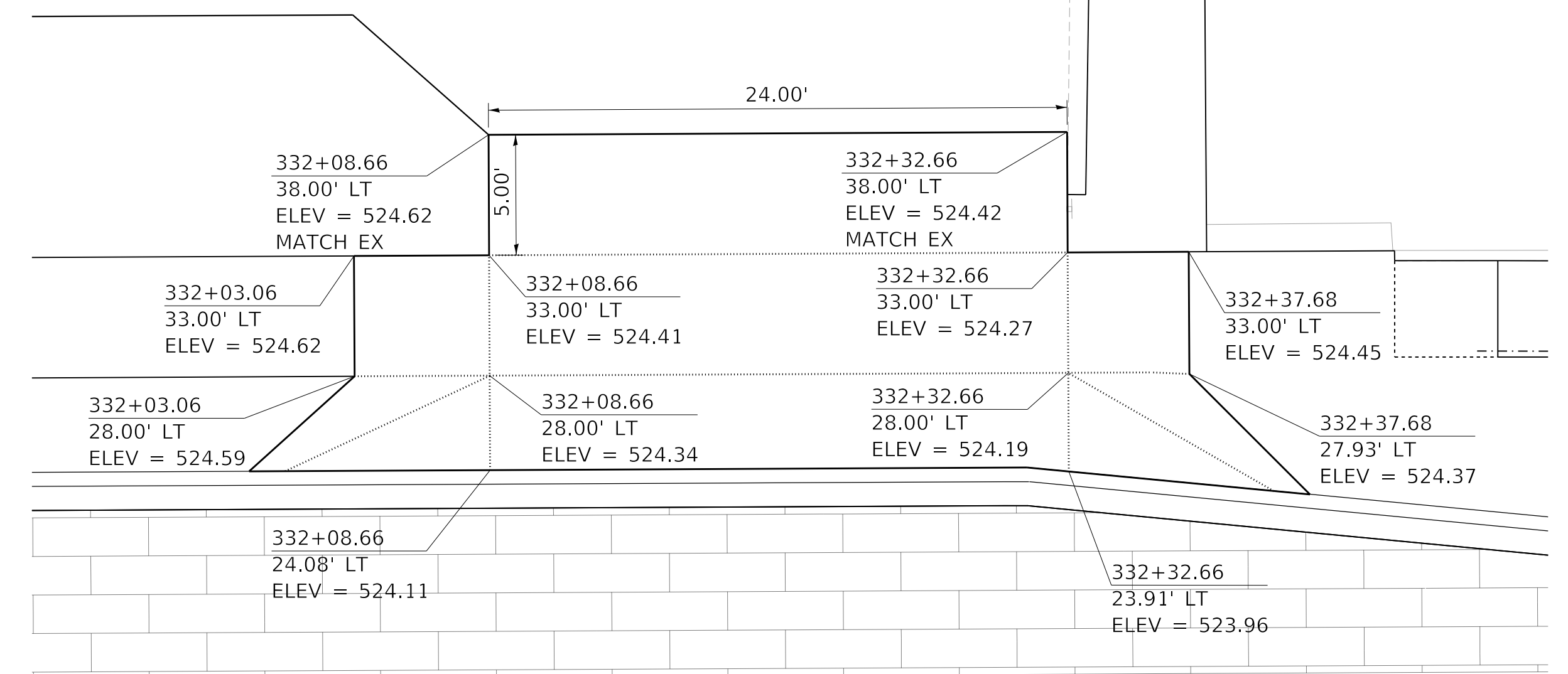
WESTERN AVE STA. 331+13.68 LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 331+66.83, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 332+12.34, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 332+20.66, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-DRIVEWAY-05.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

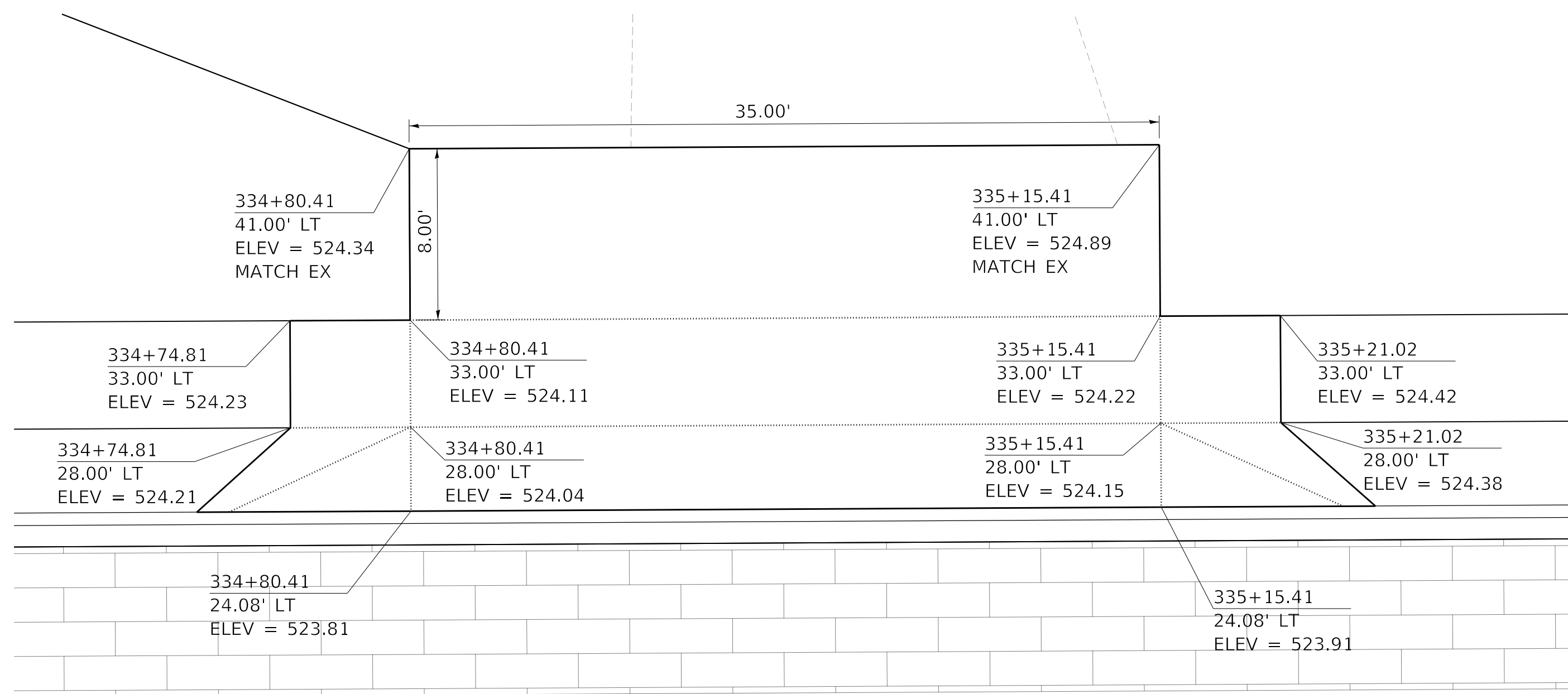
**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5' SHEET 5 OF 12 SHEETS STA. TO STA.

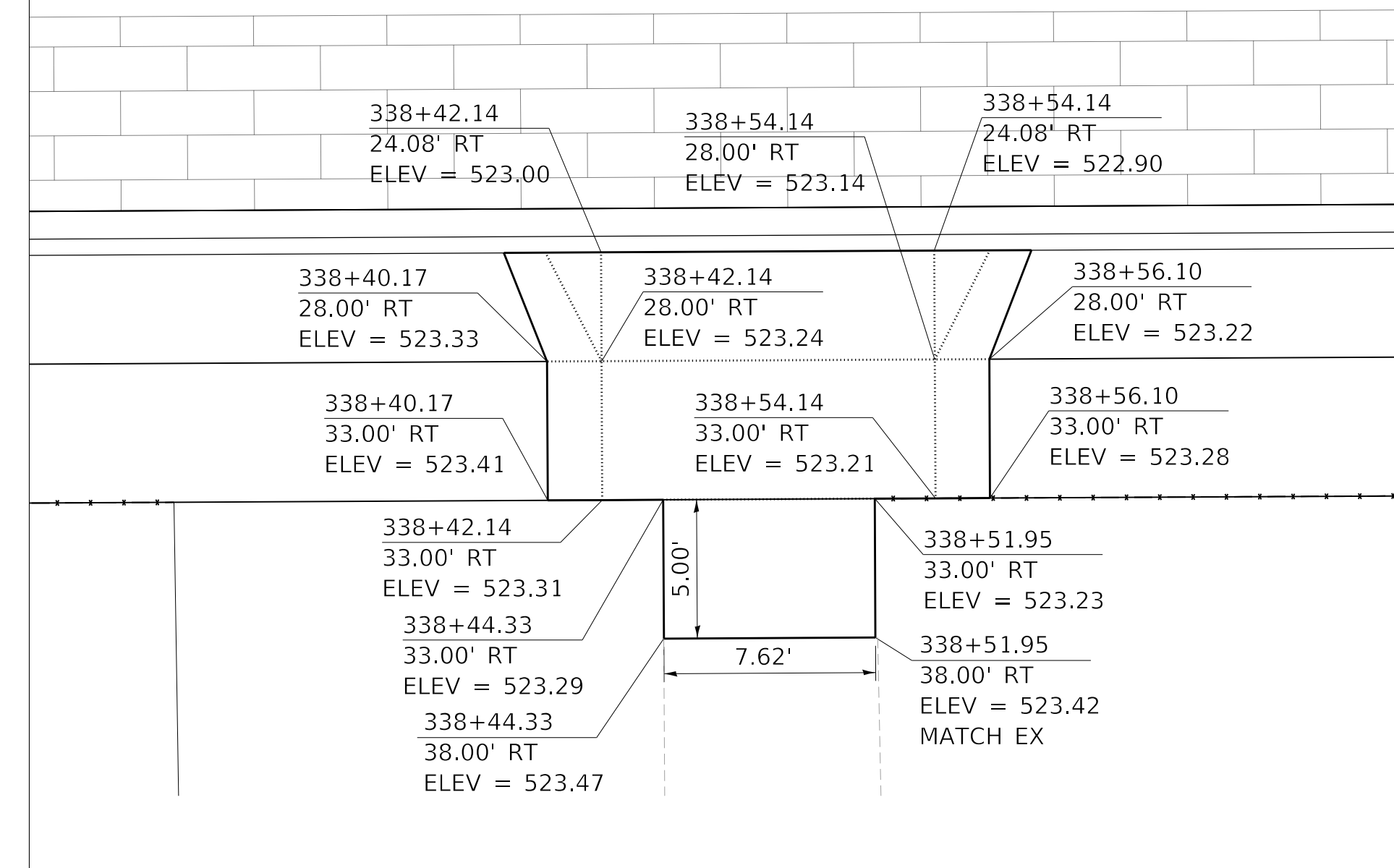
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 6594 | 16-00368-01-PV | PEORIA | 422 | 208 |
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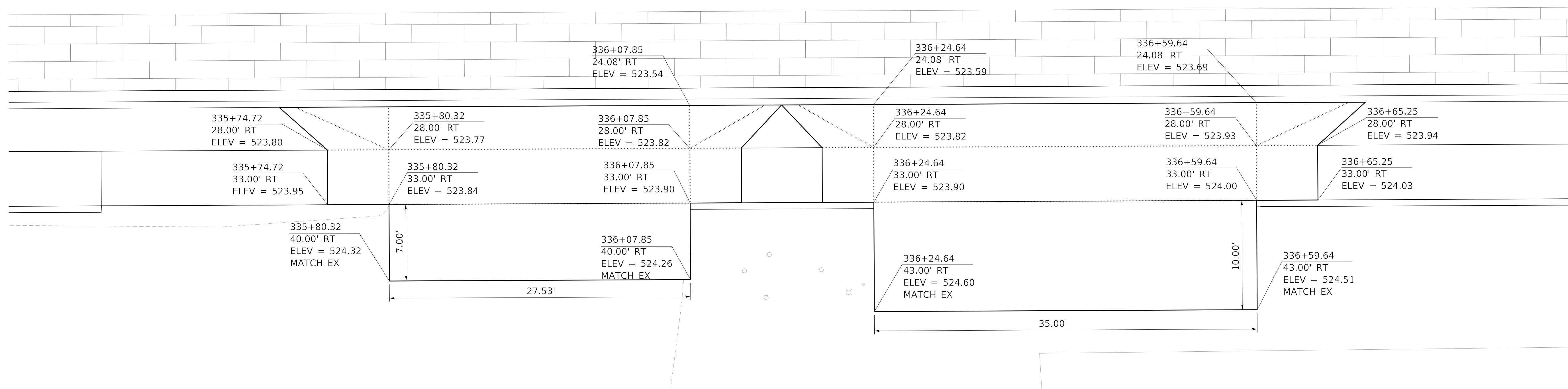
SCALE IN FEET



WESTERN AVE STA. 334+97.91, LEFT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 338+48.14, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



WESTERN AVE STA. 335+94.09, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

WESTERN AVE STA. 336+42.14, RIGHT SIDE,
PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-DRIVEWAY-06.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

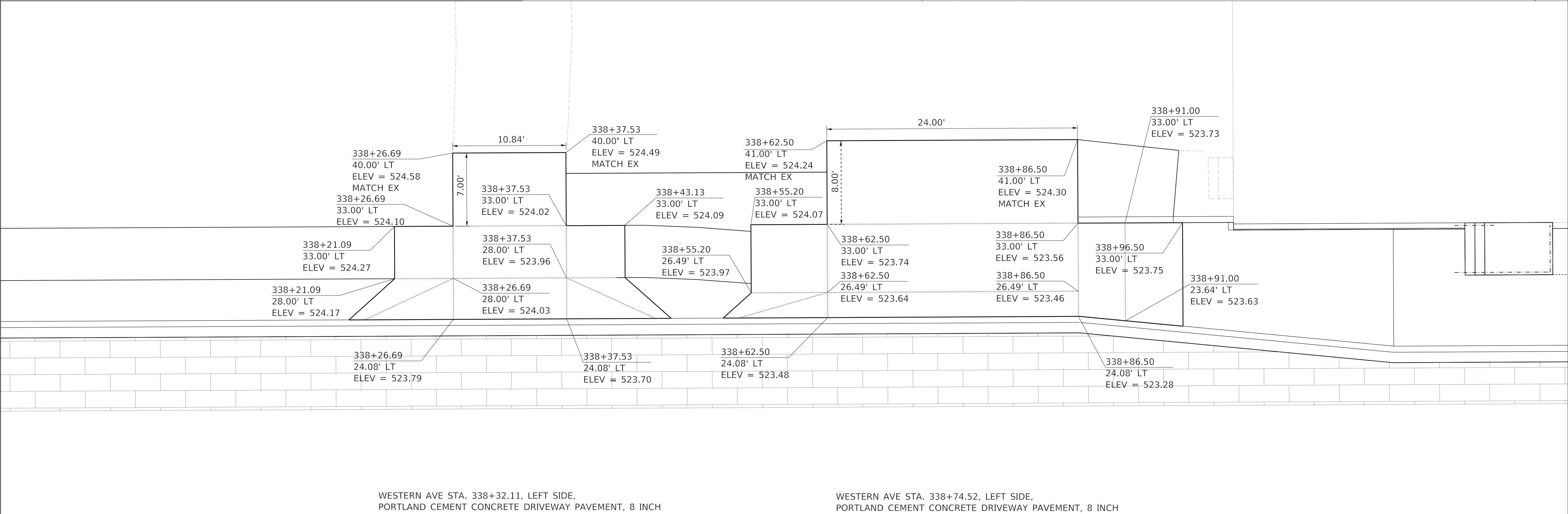
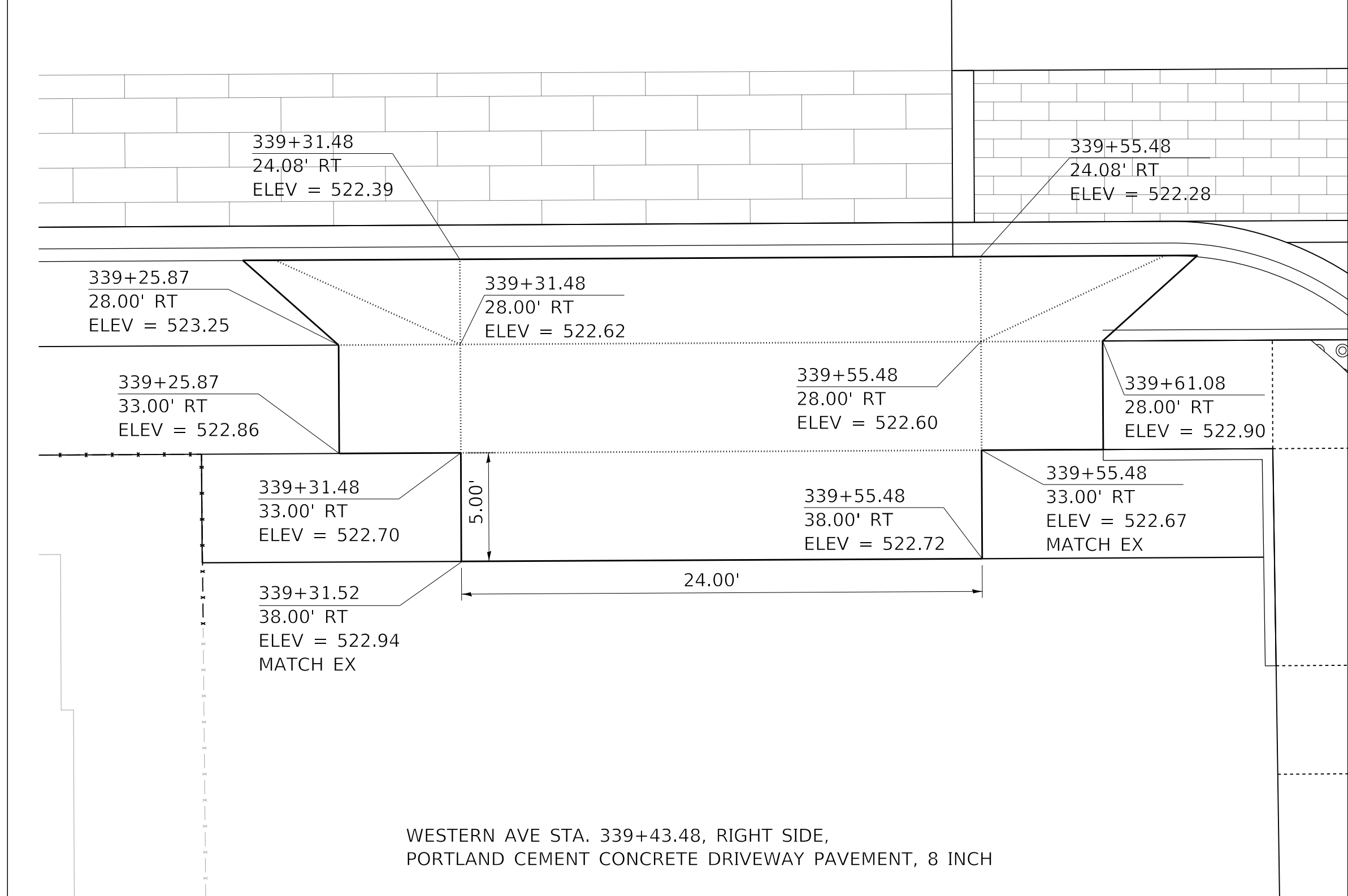
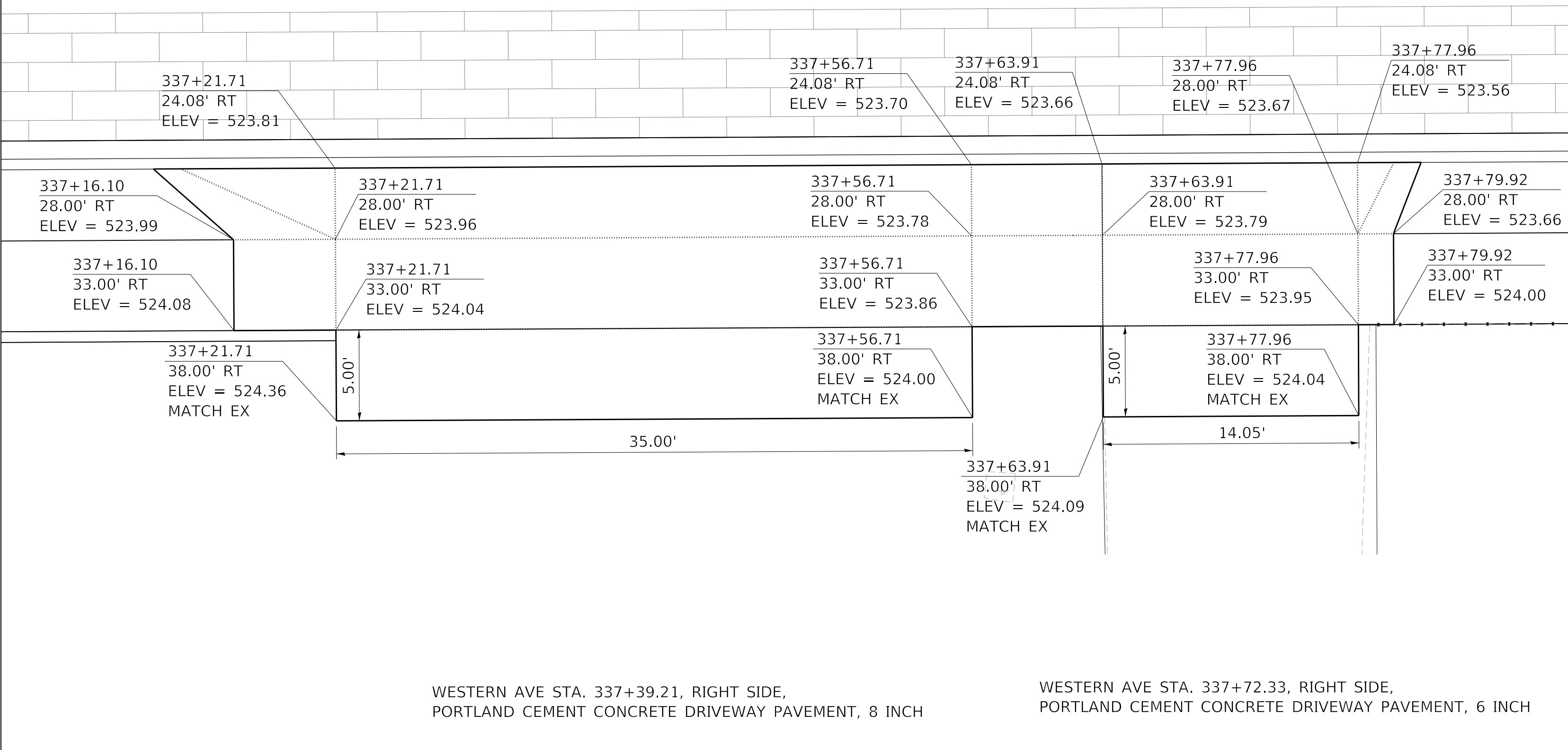
**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5' SHEET 6 OF 12 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 209 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |

0 5 10 15

SCALE IN FEET



MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-DRIVEWAY-07.dgn



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| FILENAME = D416187005-SHT-DRIVEWAY-07.dgn | DRAWN - AE |
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| PLOT DATE = 2/19/2020 4:06:38 PM | DATE - 2/21/2020 |

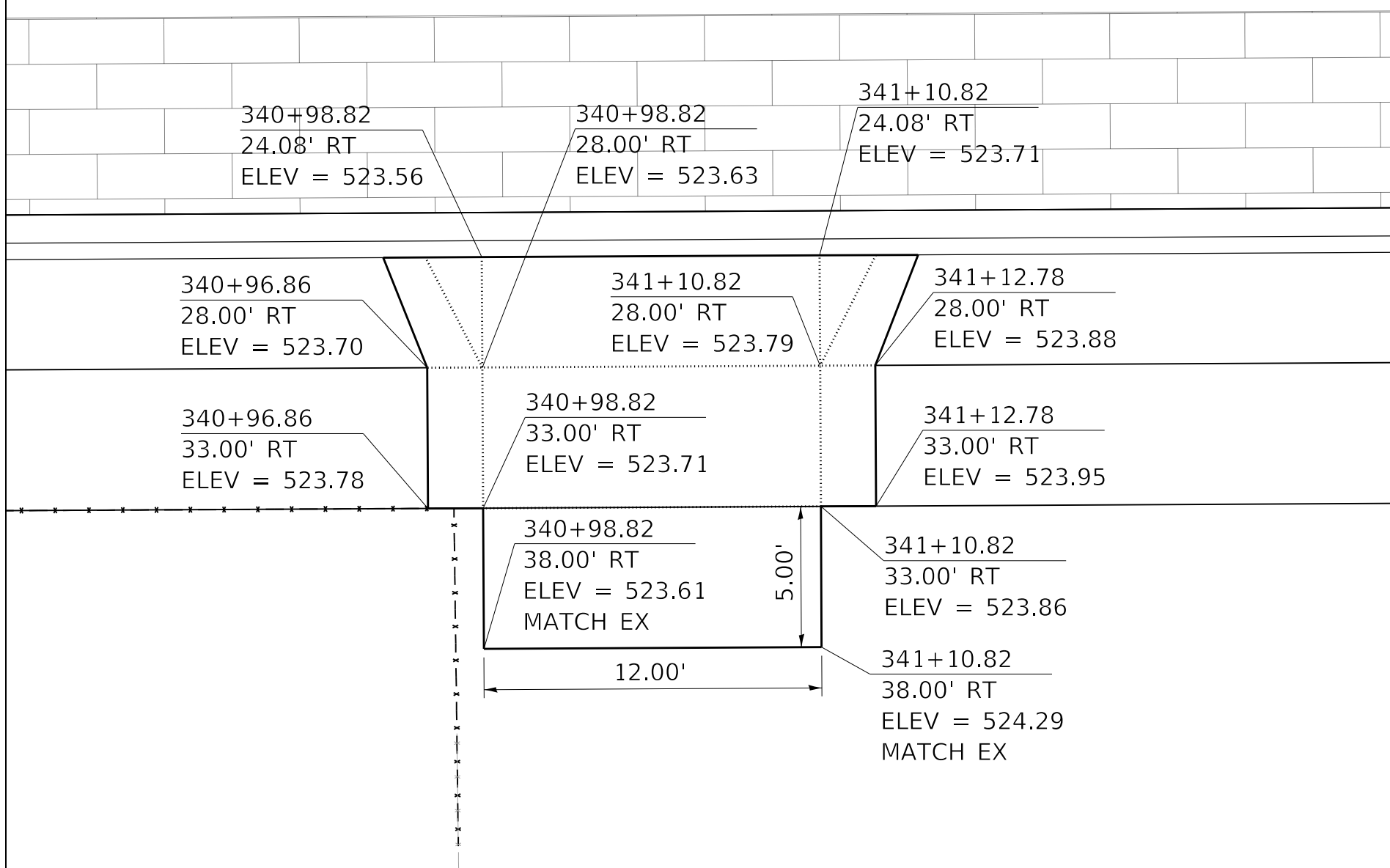
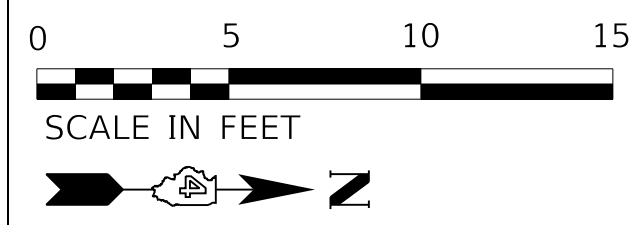
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| REVISED - |
| REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

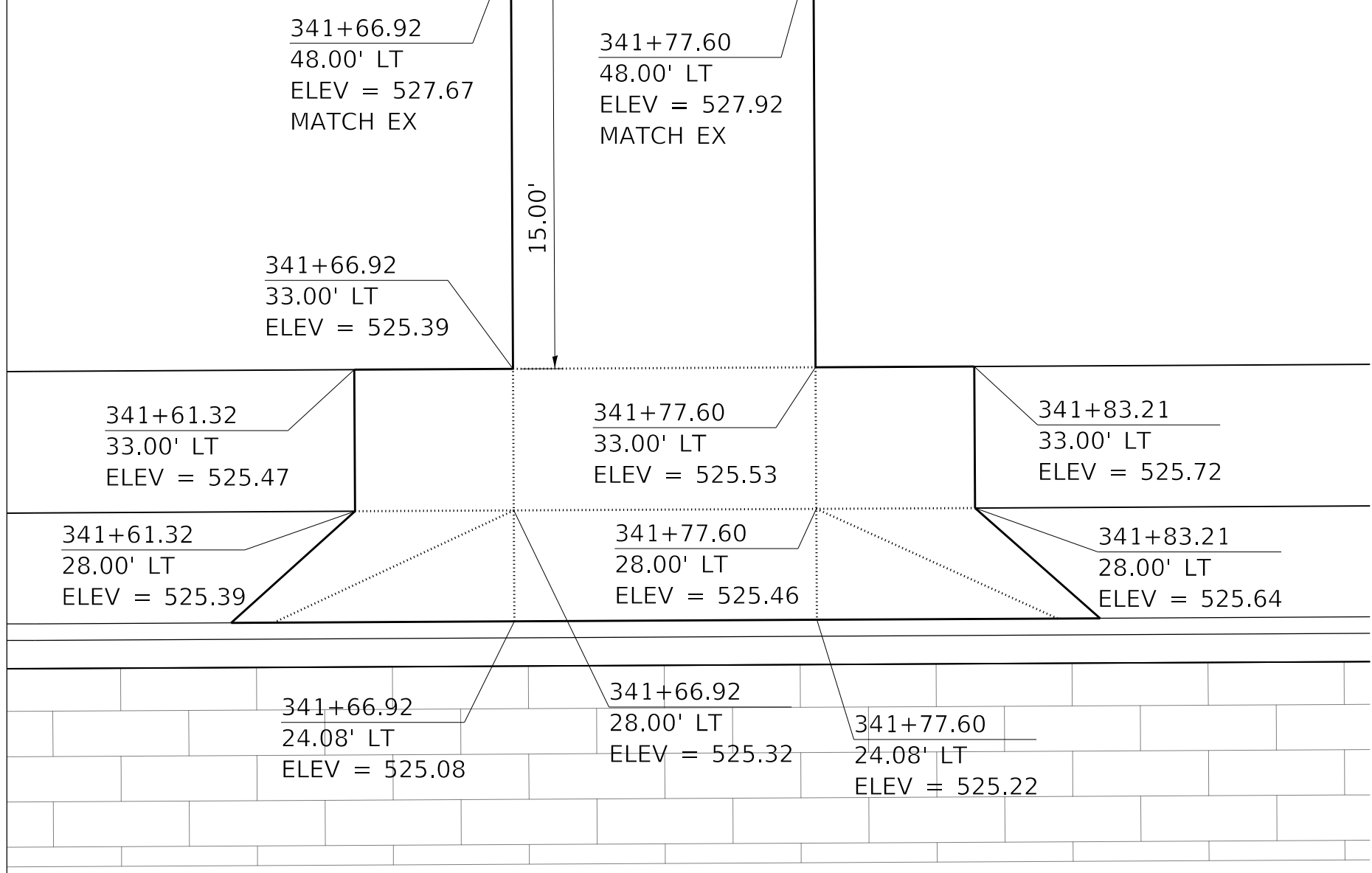
**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5' SHEET 7 OF 12 SHEETS STA. TO STA.

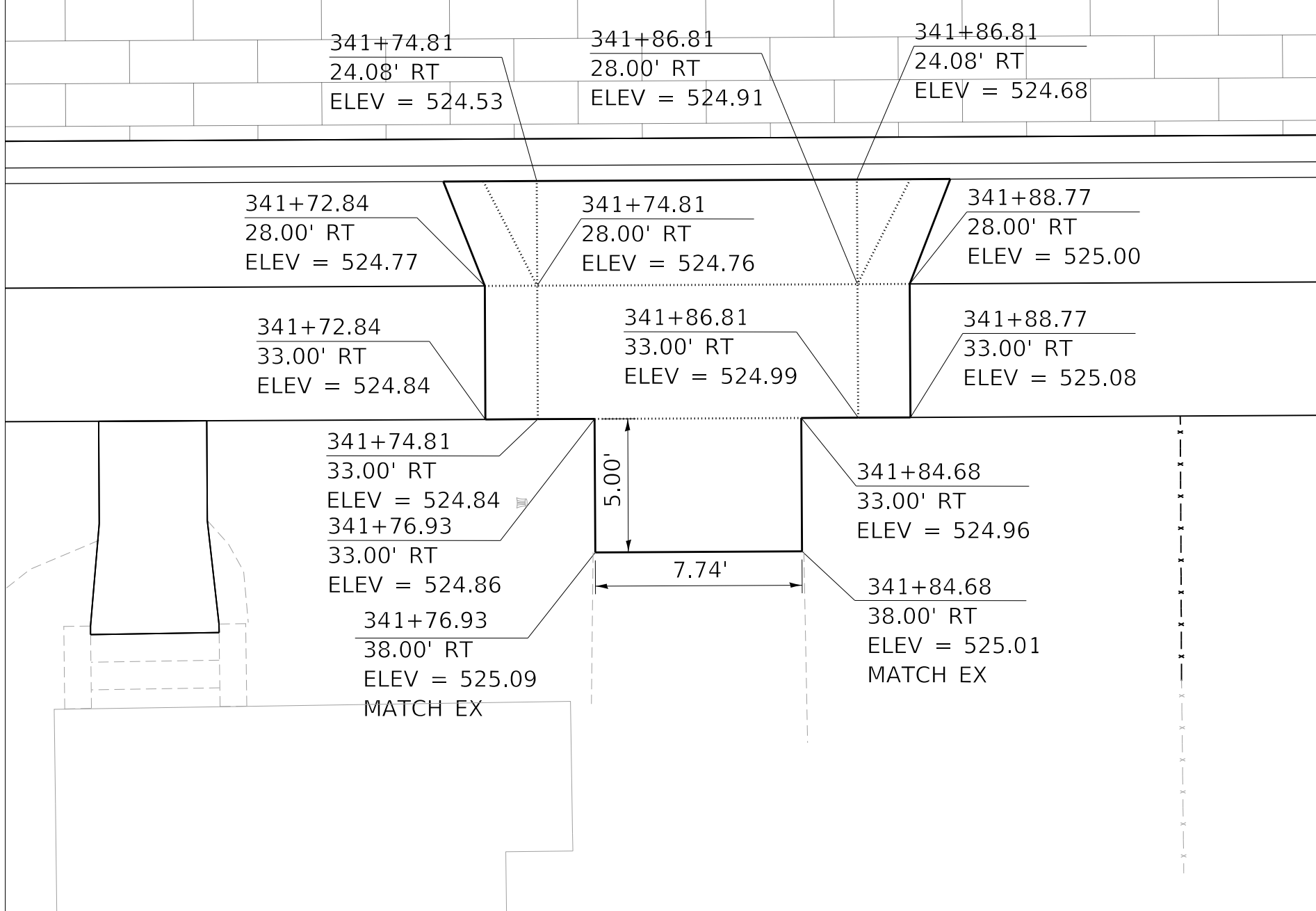
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 210 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



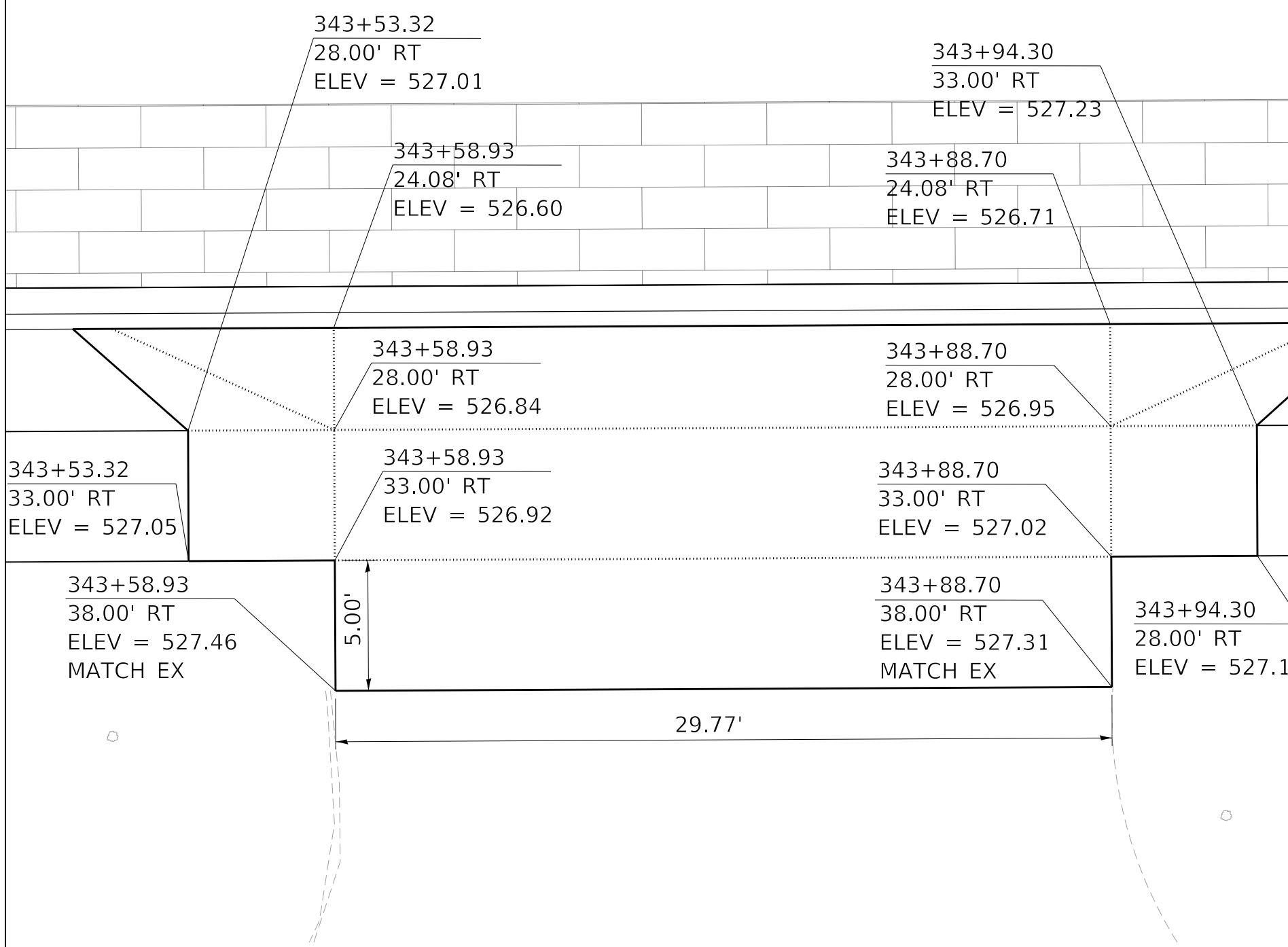
WESTERN AVE STA. 341+04.82, RIGHT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



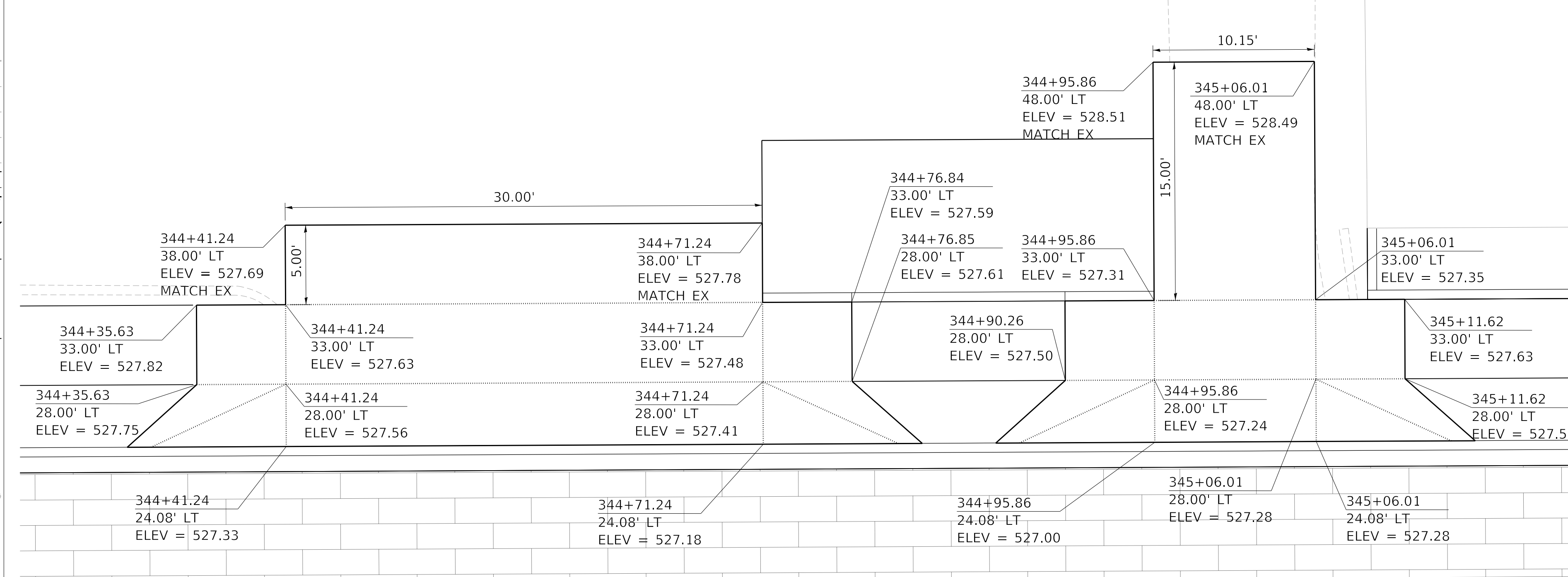
WESTERN AVE STA. 341+72.26, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 341+80.81, RIGHT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



WESTERN AVE STA. 343+73.81, RIGHT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 344+56.24, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

WESTERN AVE STA. 345+00.94, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

MODEL: Default; FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-DRIVEWAY-08.dgn



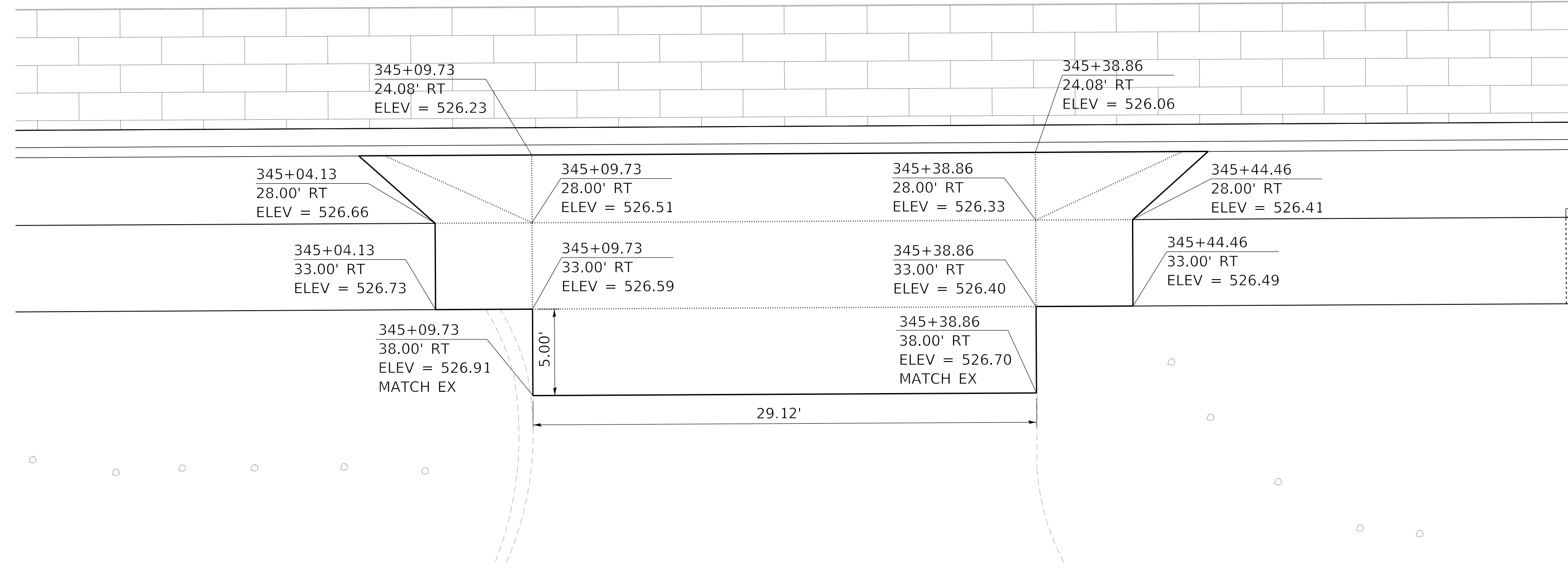
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

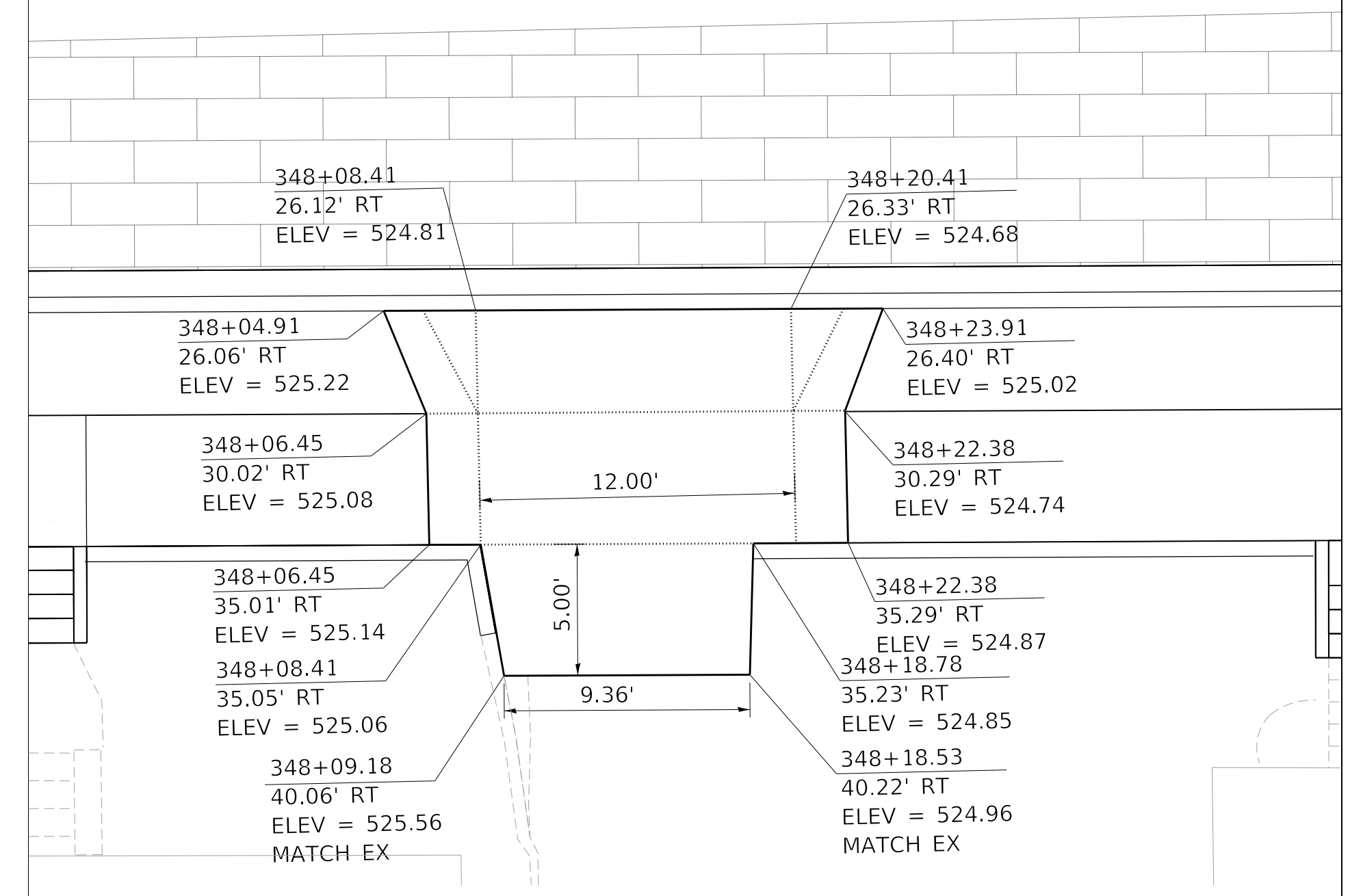
**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5' SHEET 8 OF 12 SHEETS STA. TO STA.

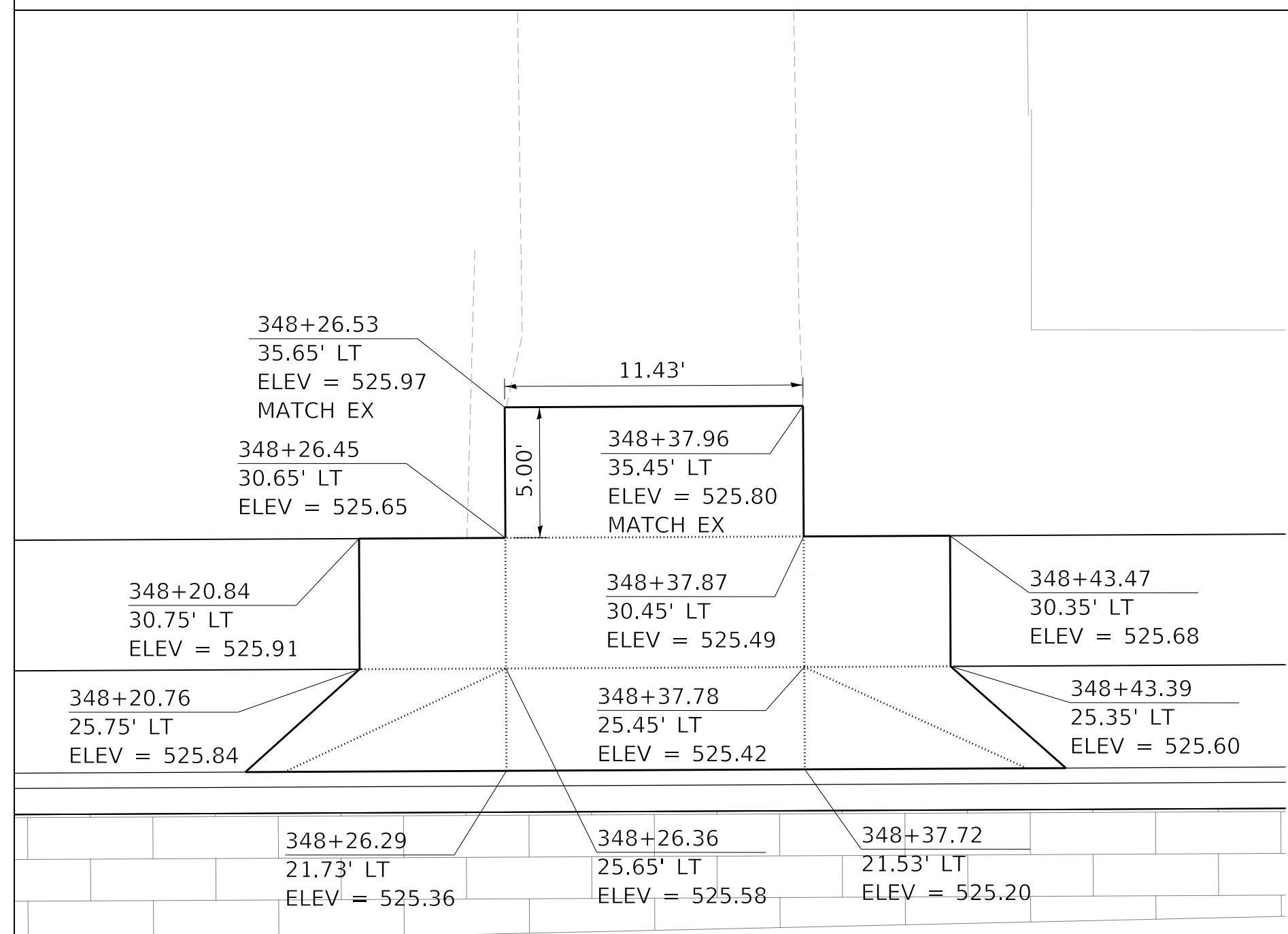
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|----------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 211 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



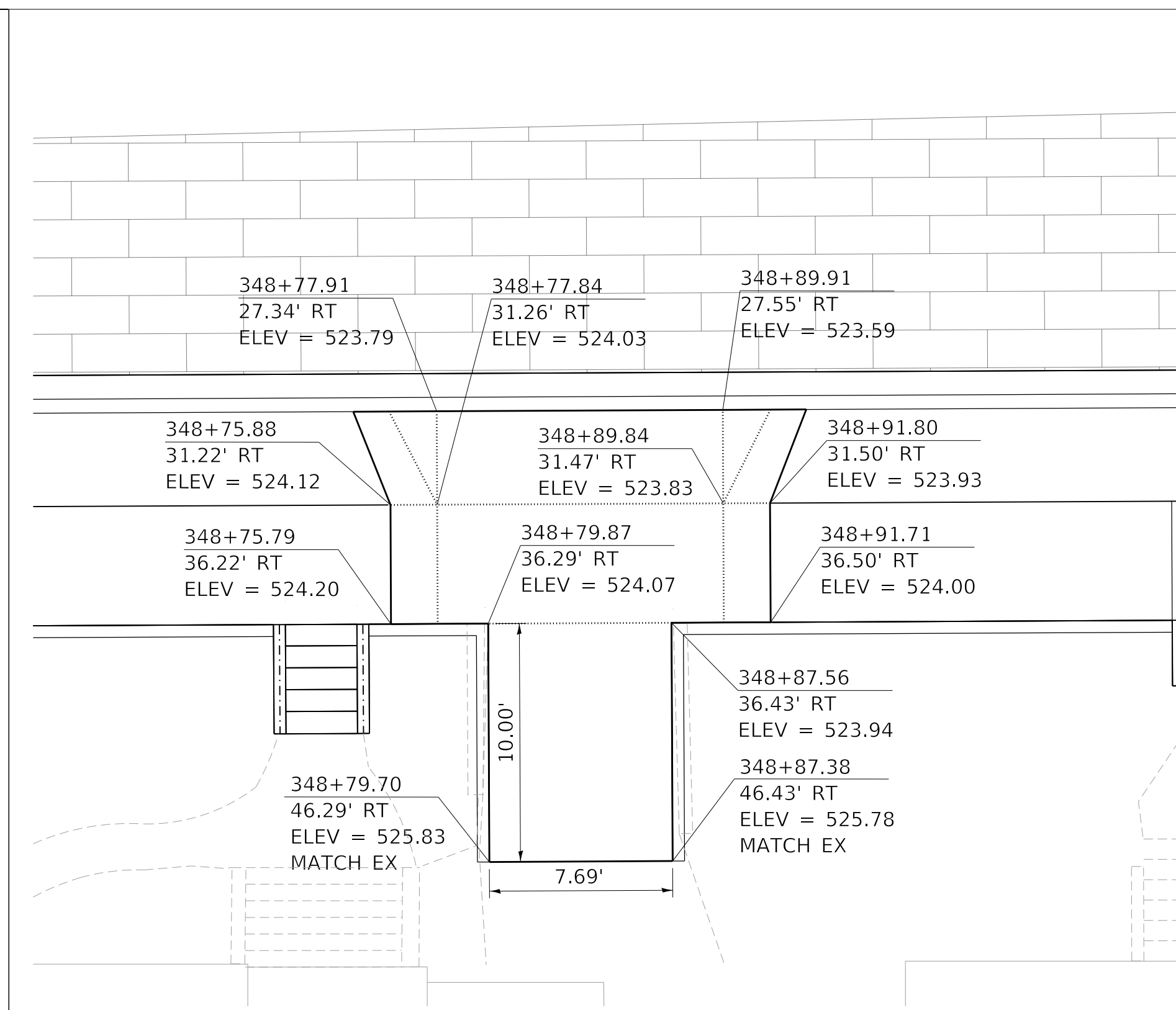
WESTERN AVE STA. 345+24.29, RIGHT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



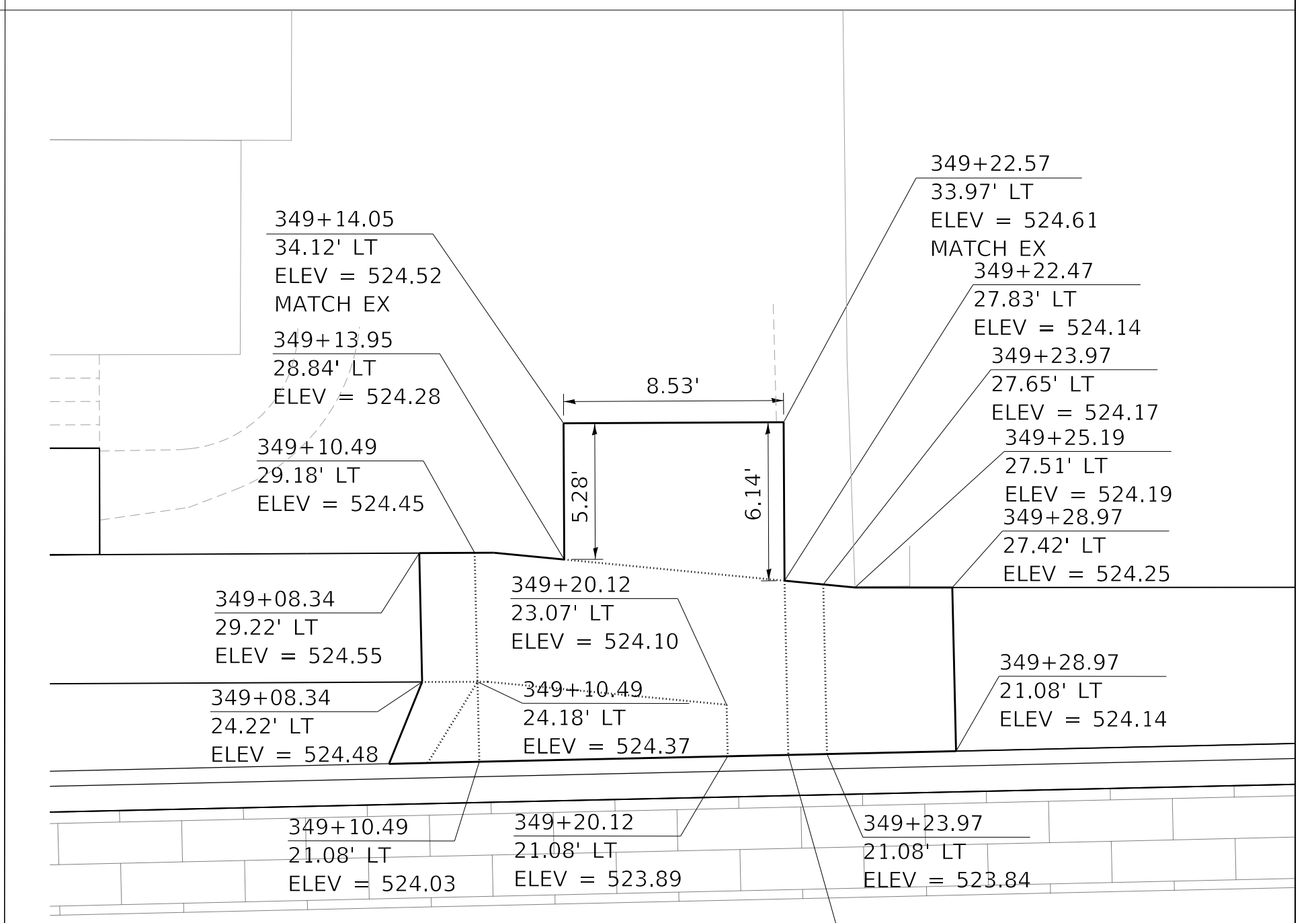
WESTERN AVE STA. 348+14.82, RIGHT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



WESTERN AVE STA. 348+32.16, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



WESTERN AVE STA. 348+83.91, RIGHT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



WESTERN AVE STA. 349+18.31, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-DRIVEWAY-09.dgn



| | | |
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| PLOT DATE = 2/19/2020 4:06:49 PM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5'

SHEET 9

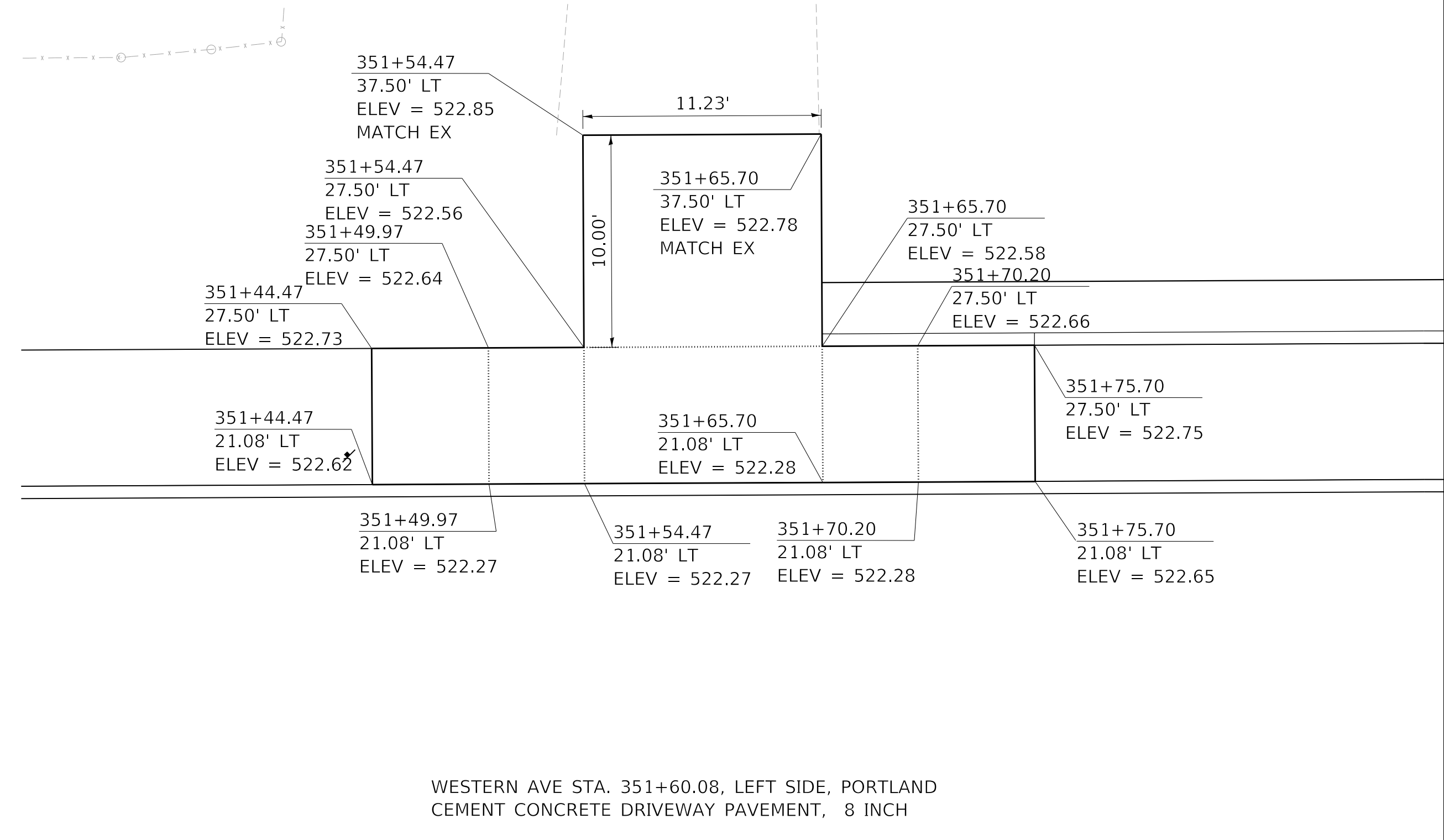
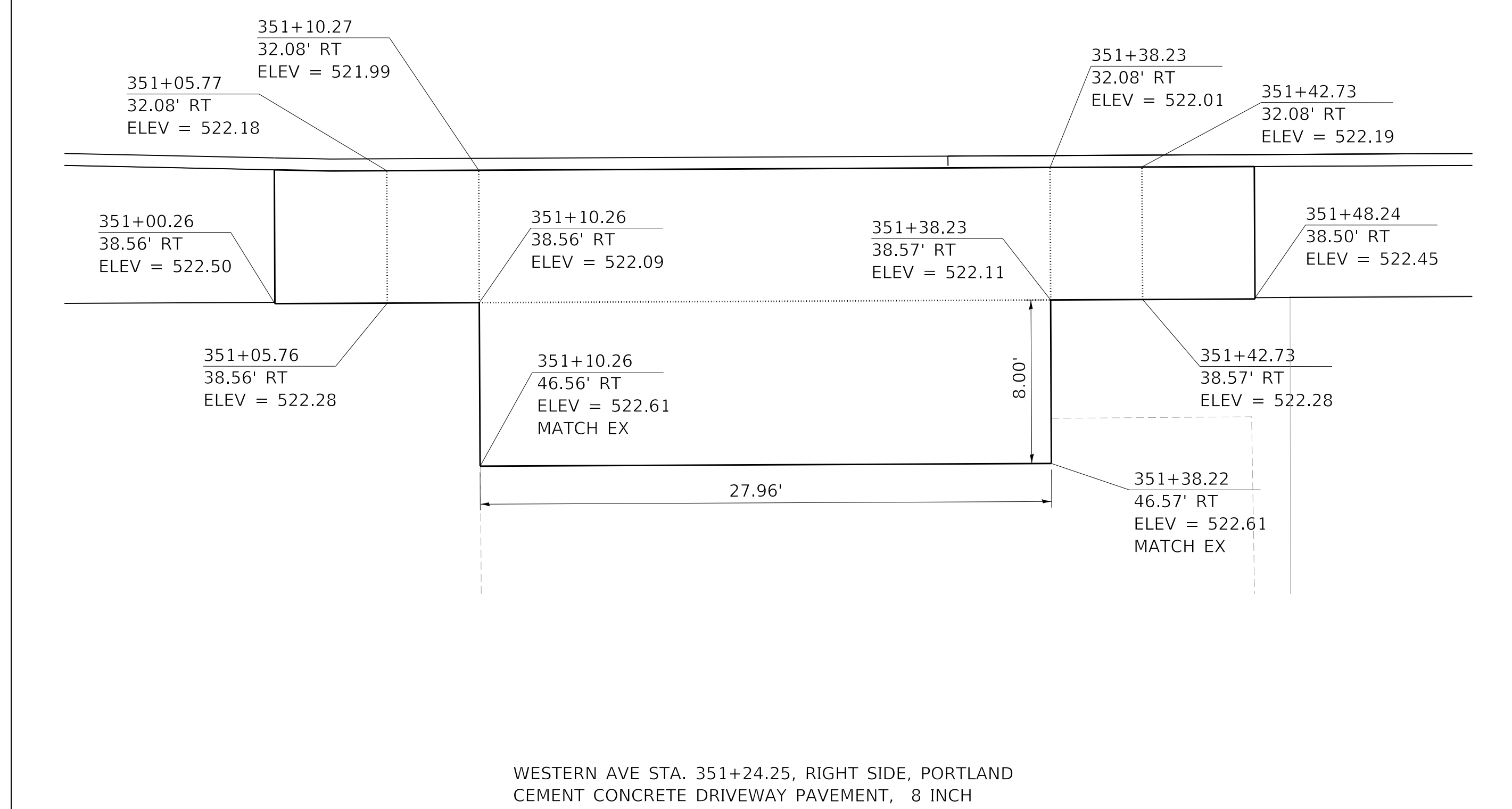
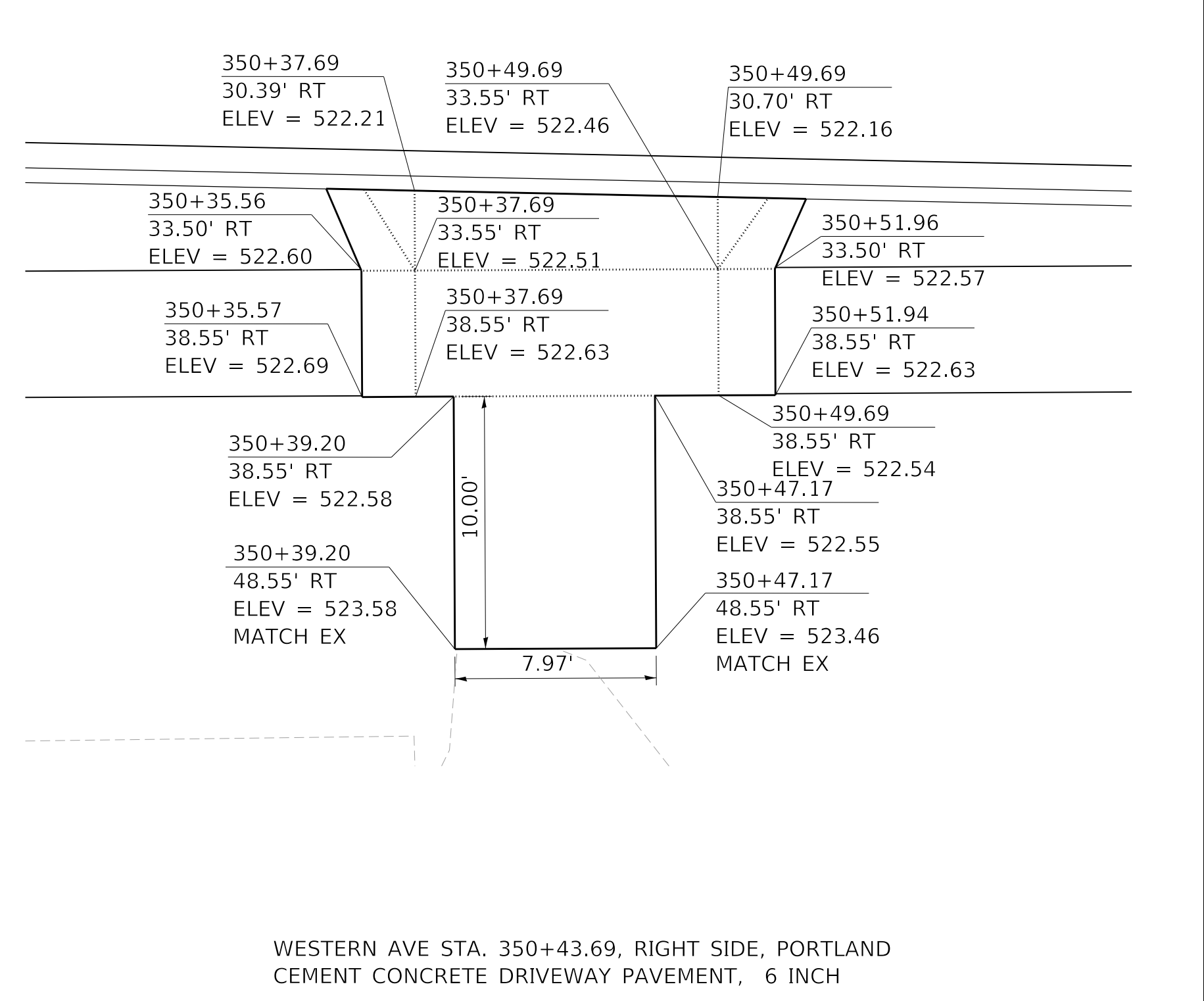
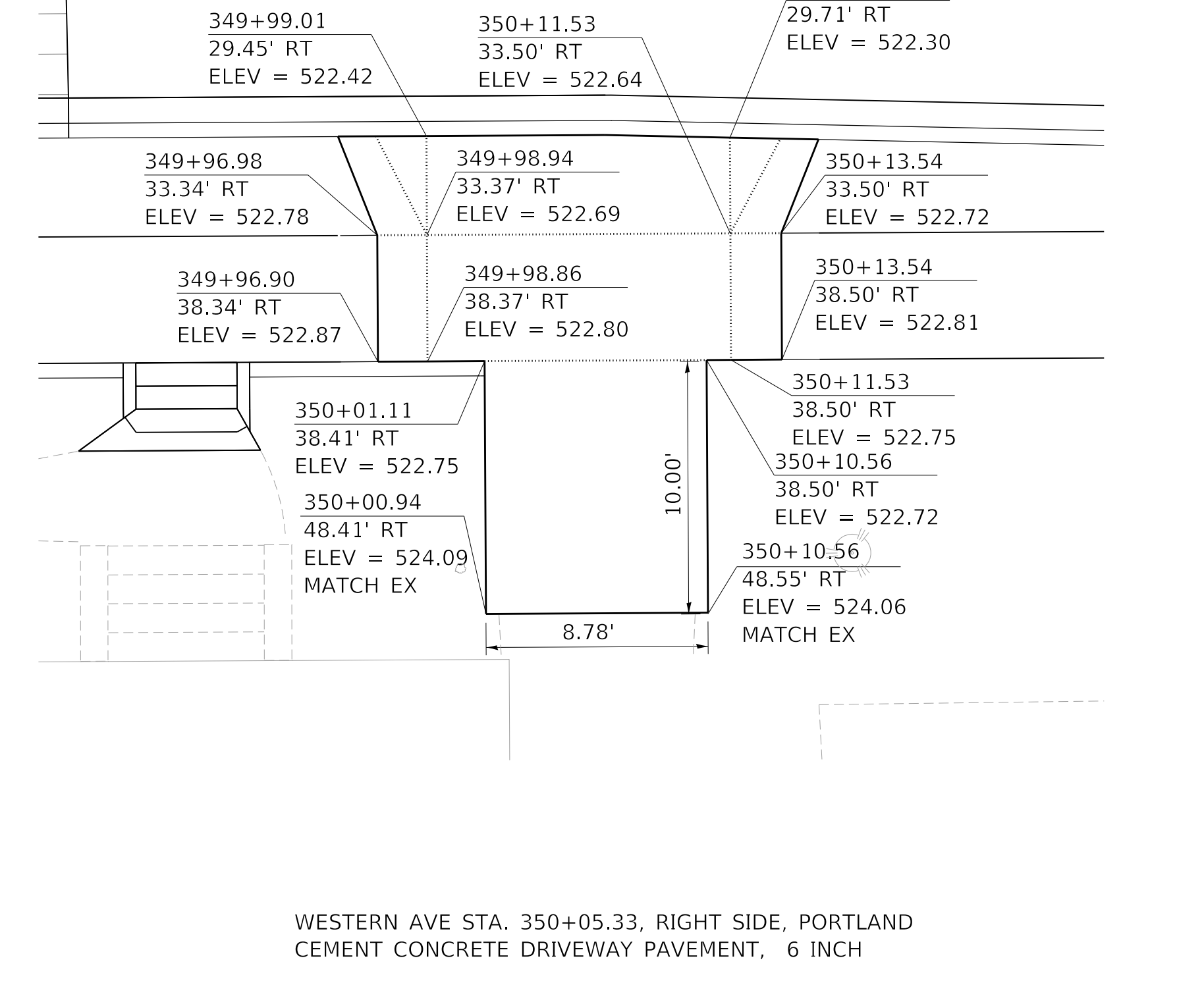
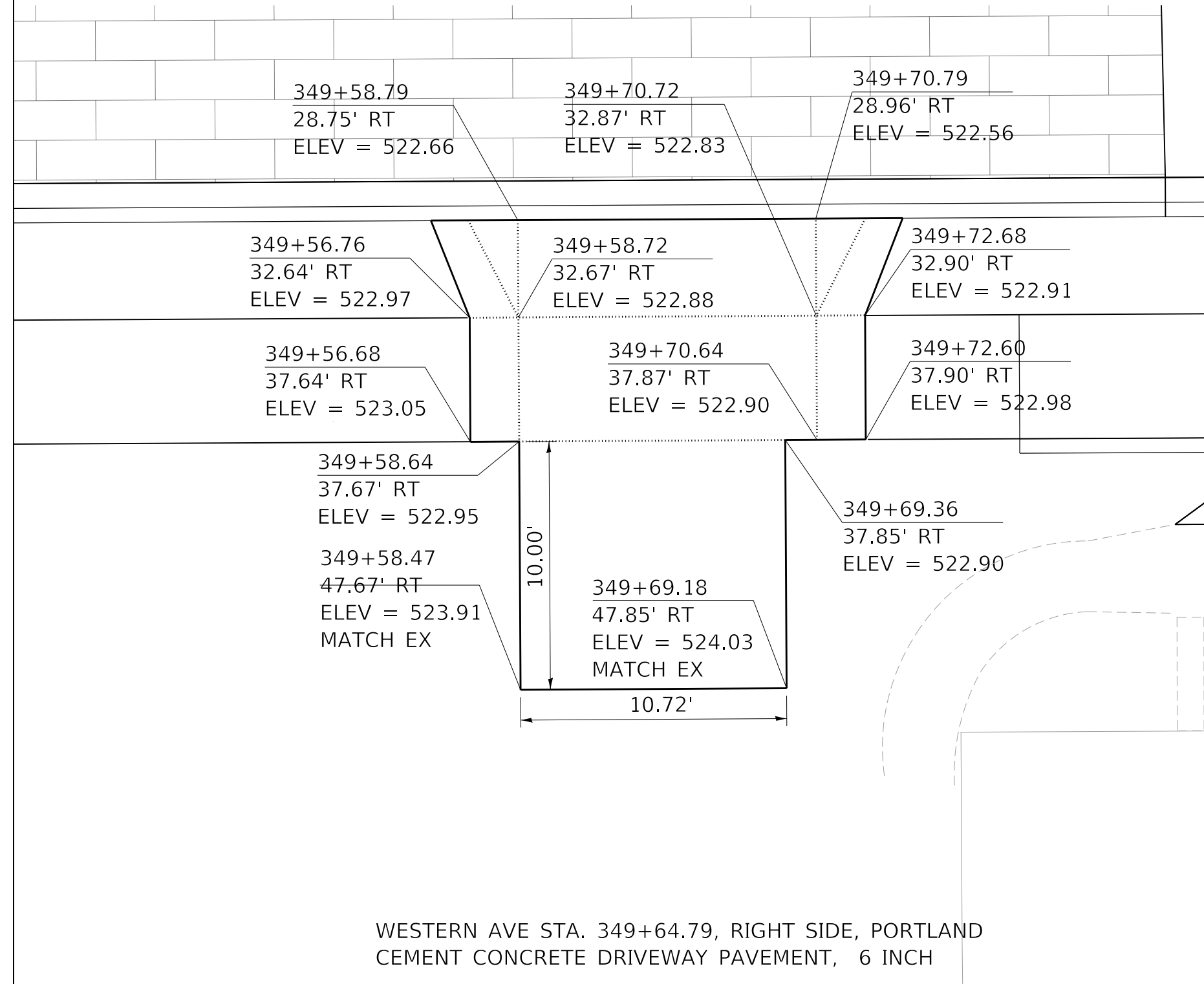
OF 12 SHEETS

STA.

TO STA.

TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 212 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. | 89766 | |
| ILLINOIS | | FED. AID PROJECT | | |



MODEL: Default
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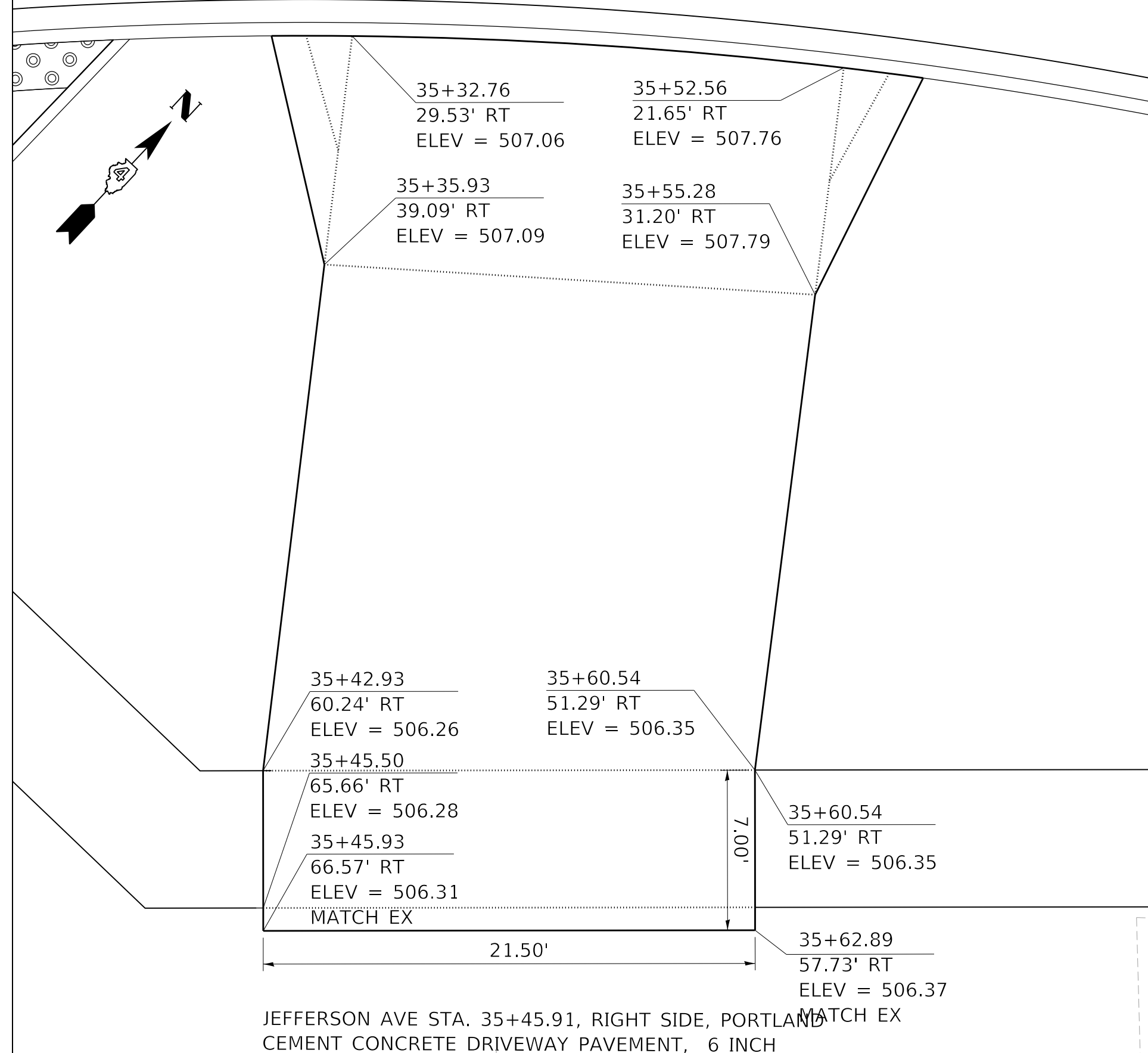
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

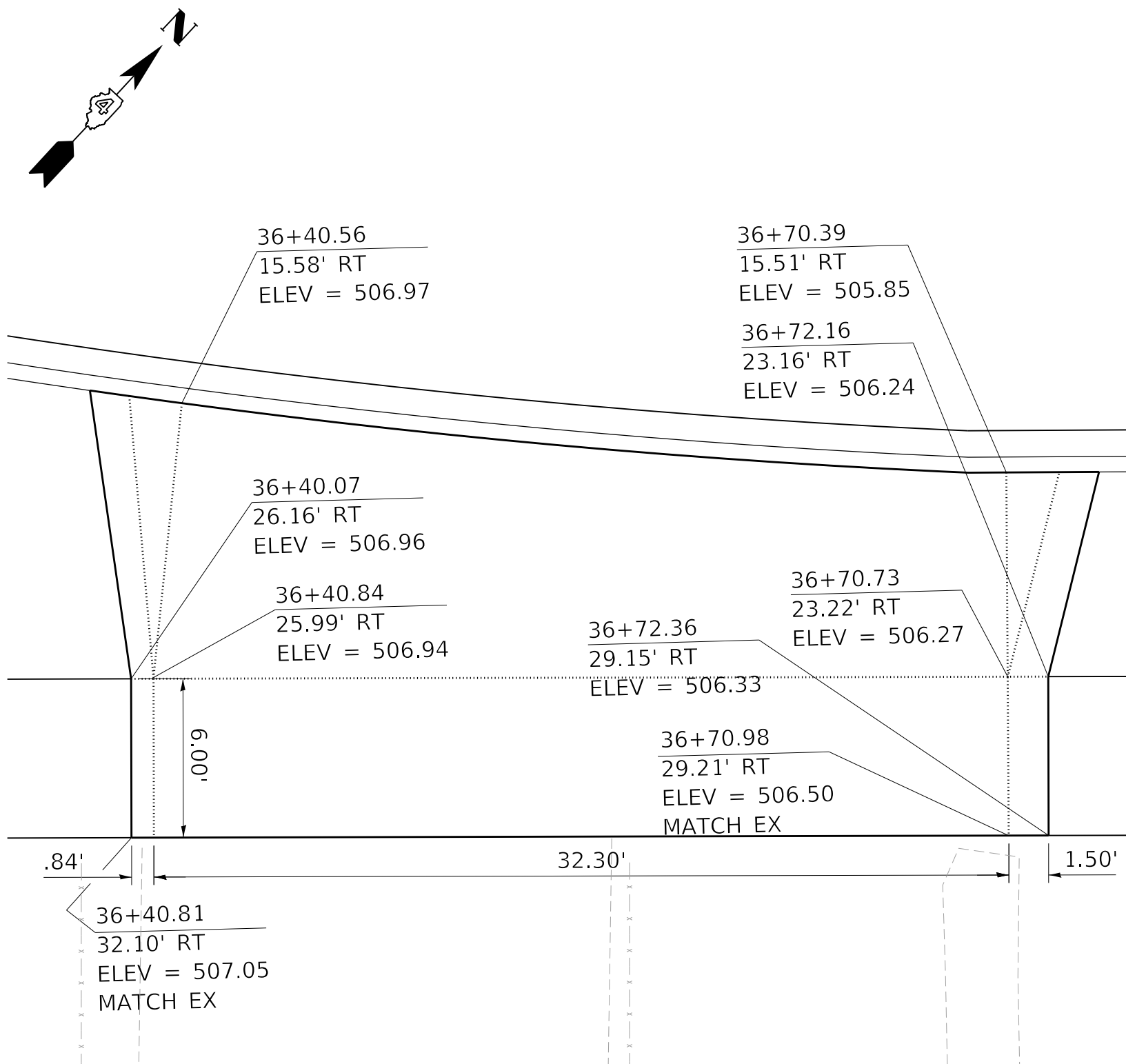
**DRIVEWAY PLANS
WESTERN AVENUE**

SCALE: 1"=5' SHEET 10 OF 12 SHEETS STA. TO STA.

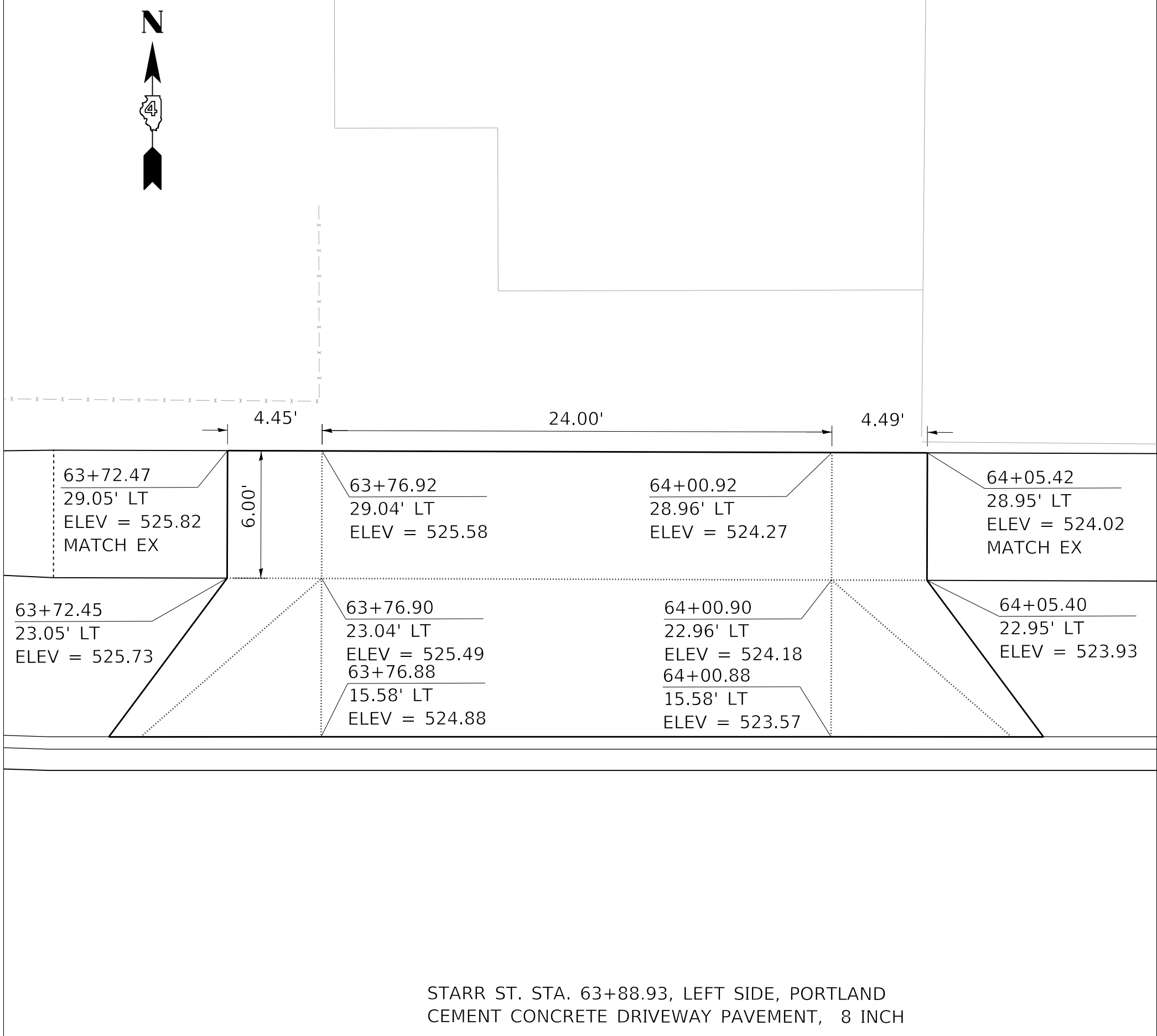
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 213 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



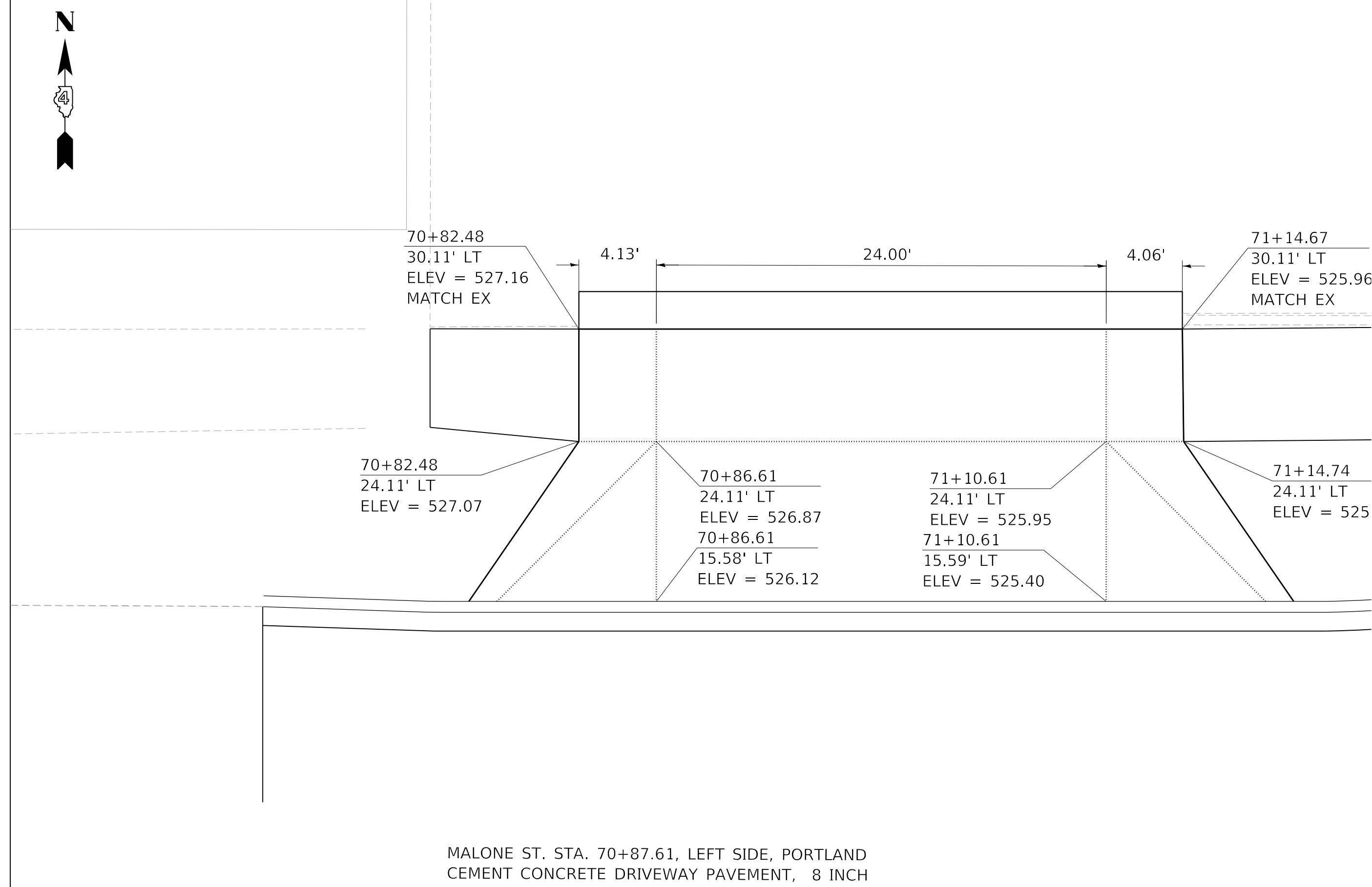
JEFFERSON AVE STA. 35+45.91, RIGHT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



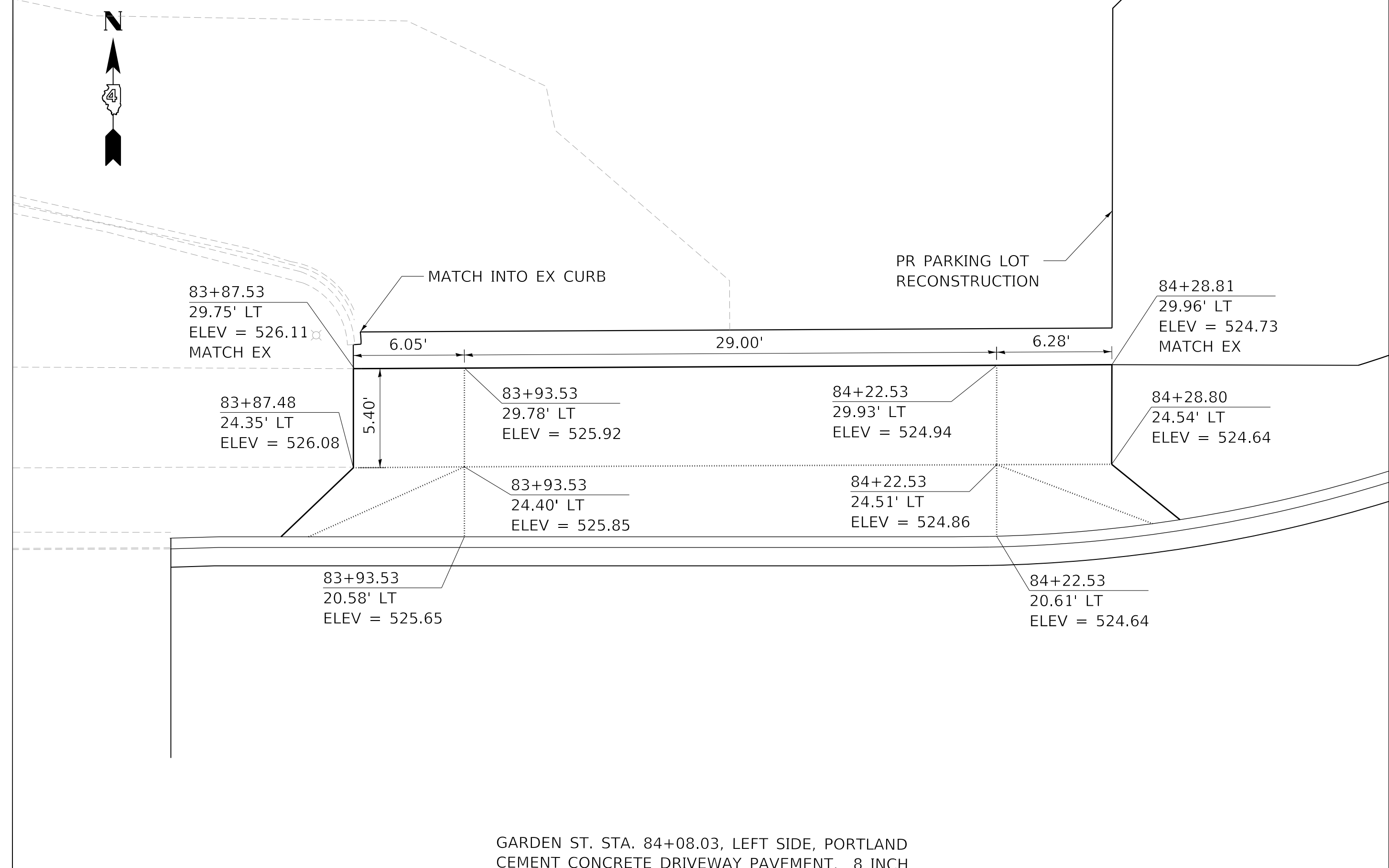
JEFFERSON AVE STA. 36+56.05, RIGHT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



STARR ST. STA. 63+88.93, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



MALONE ST. STA. 70+87.61, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



GARDEN ST. STA. 84+08.03, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH

MODEL: Default
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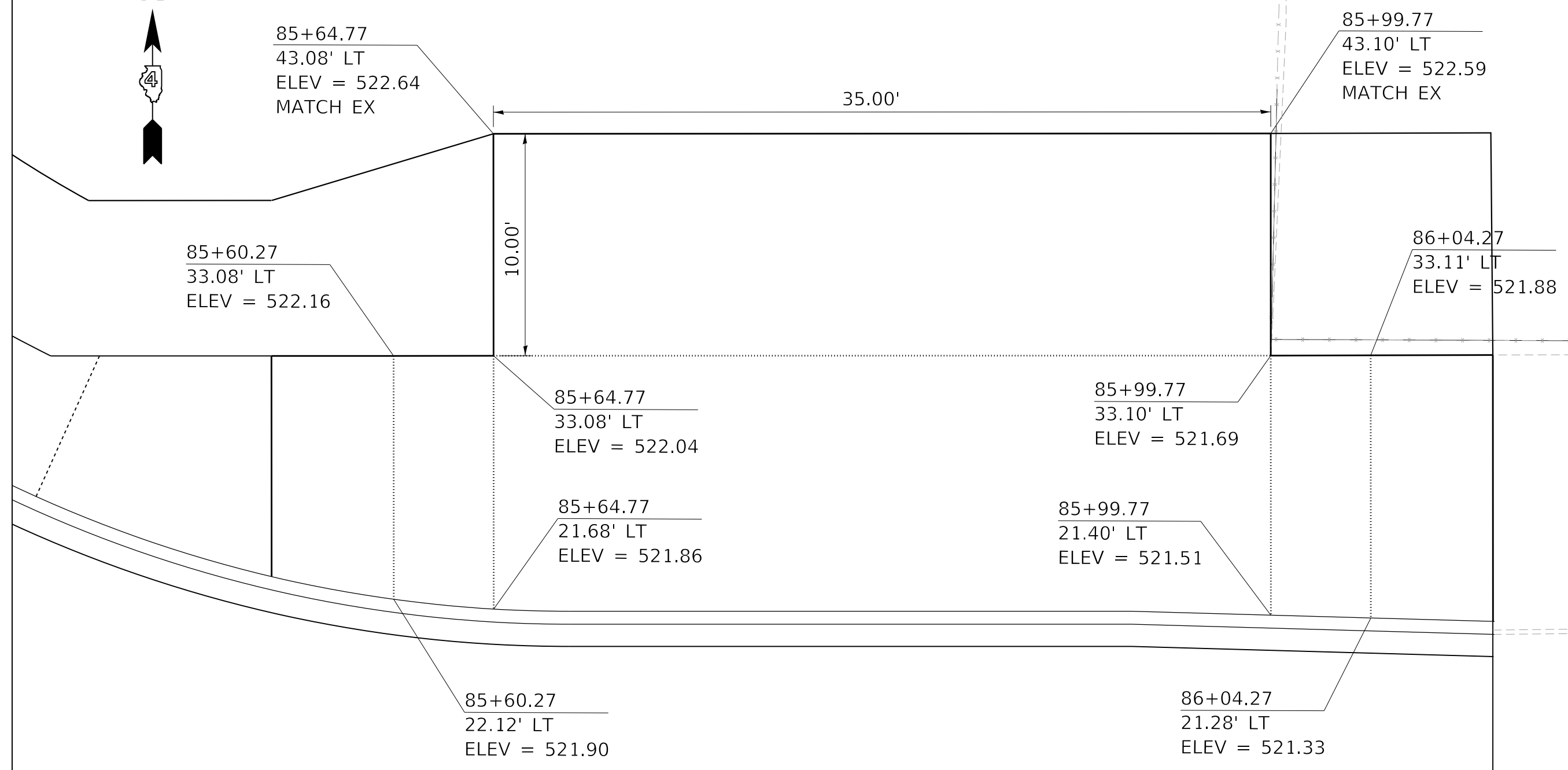
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

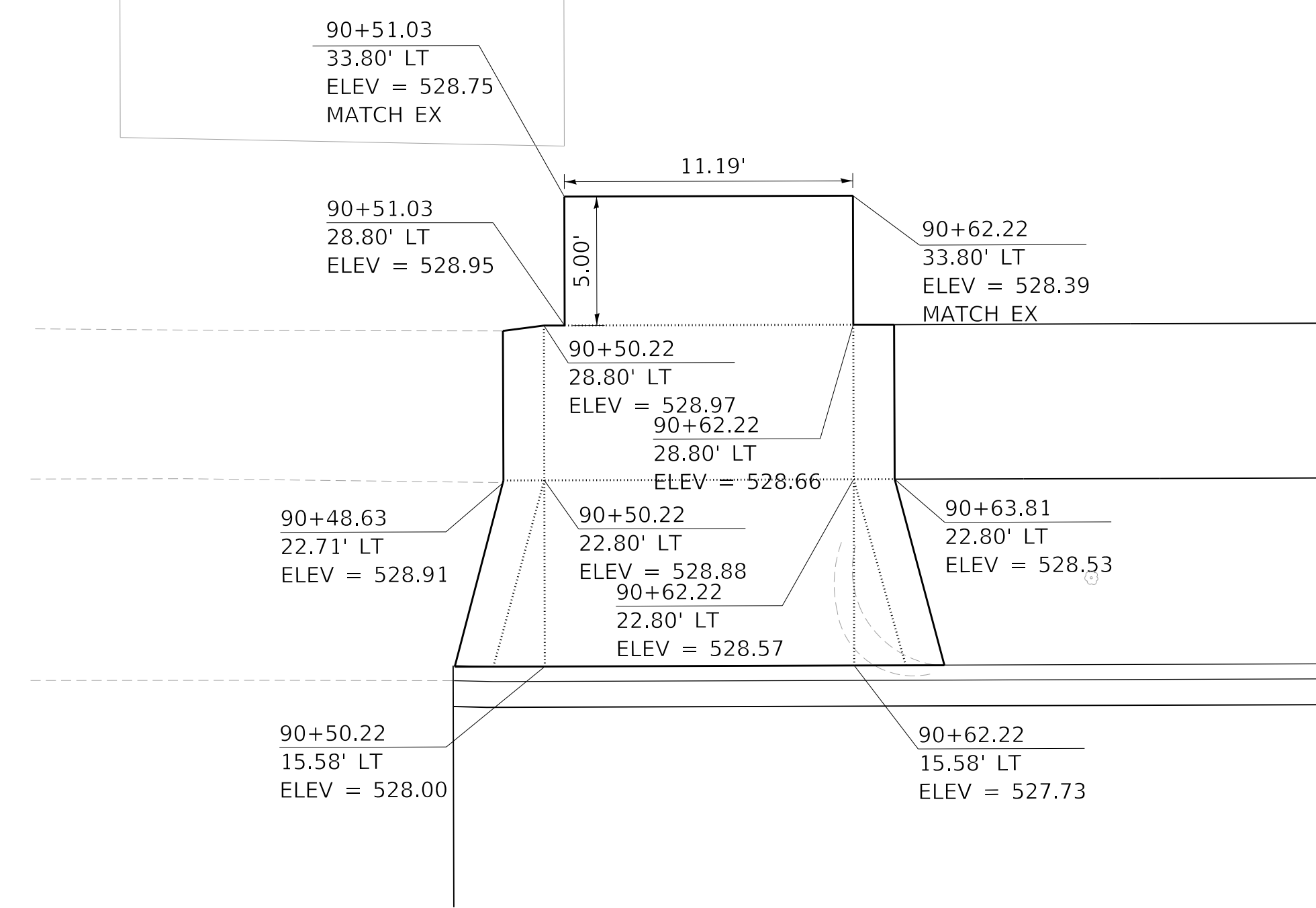
**DRIVEWAY PLANS
INTERSECTING STREETS**

SCALE: 1"=5' SHEET 11 OF 12 SHEETS STA. TO STA.

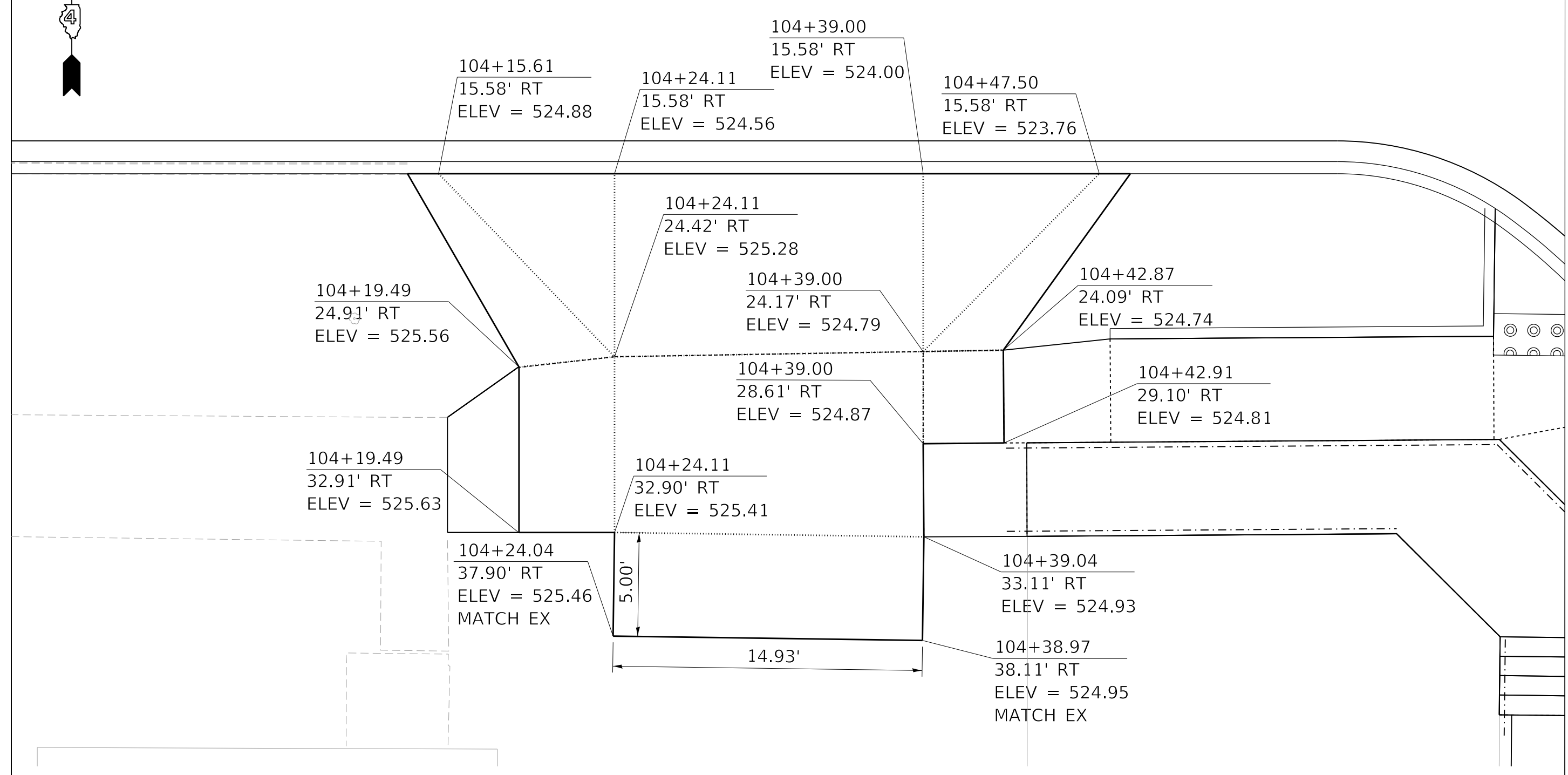
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 214 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



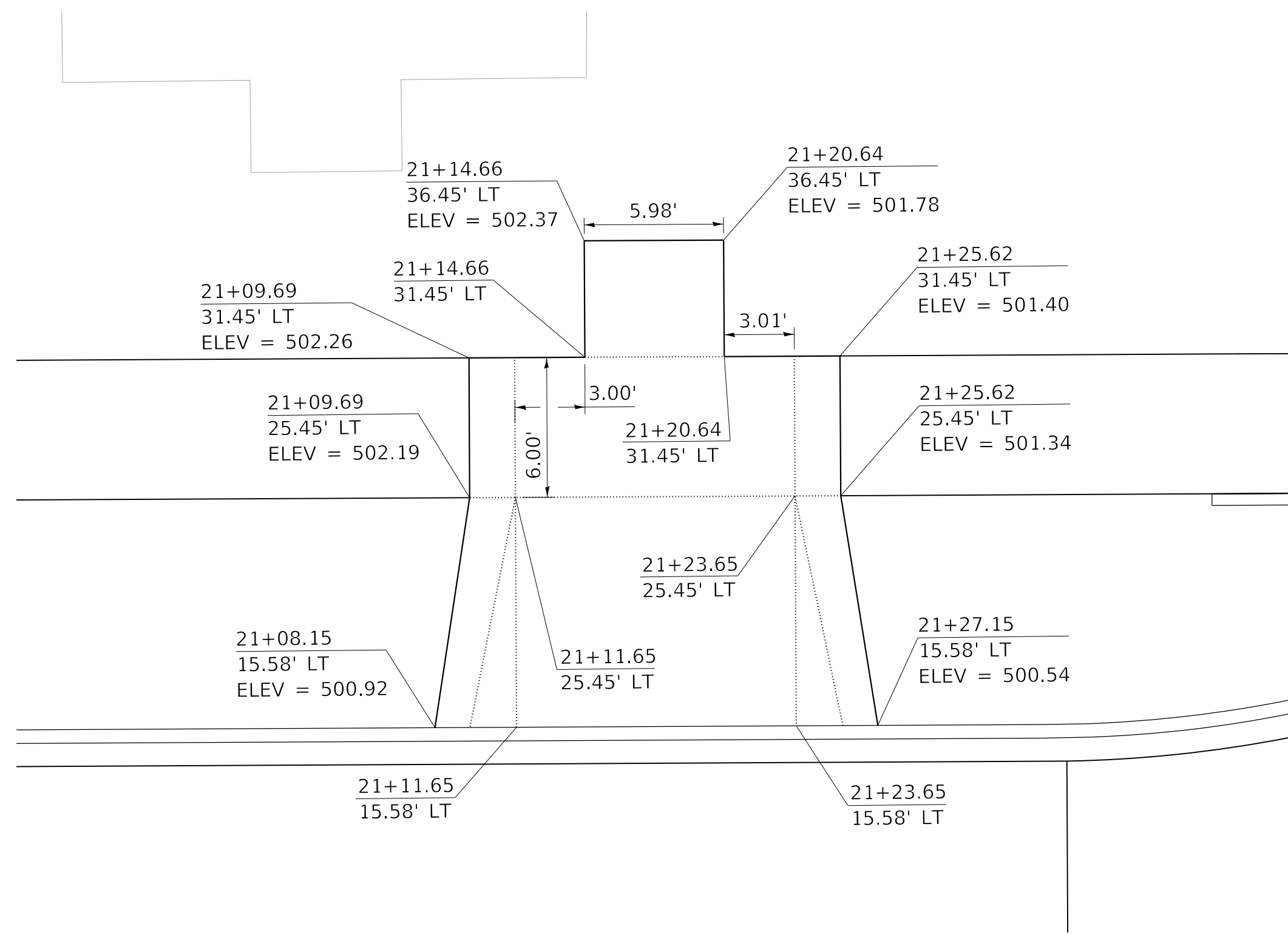
GARDEN ST. STA. 85+82.27, RIGHT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



MARQUETTE ST. STA. 90+56.62, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH



ANTOINETTE ST. STA. 104+31.57, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH



HAYES ST. STA. 21+17.30, LEFT SIDE, PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH

MODEL: Default
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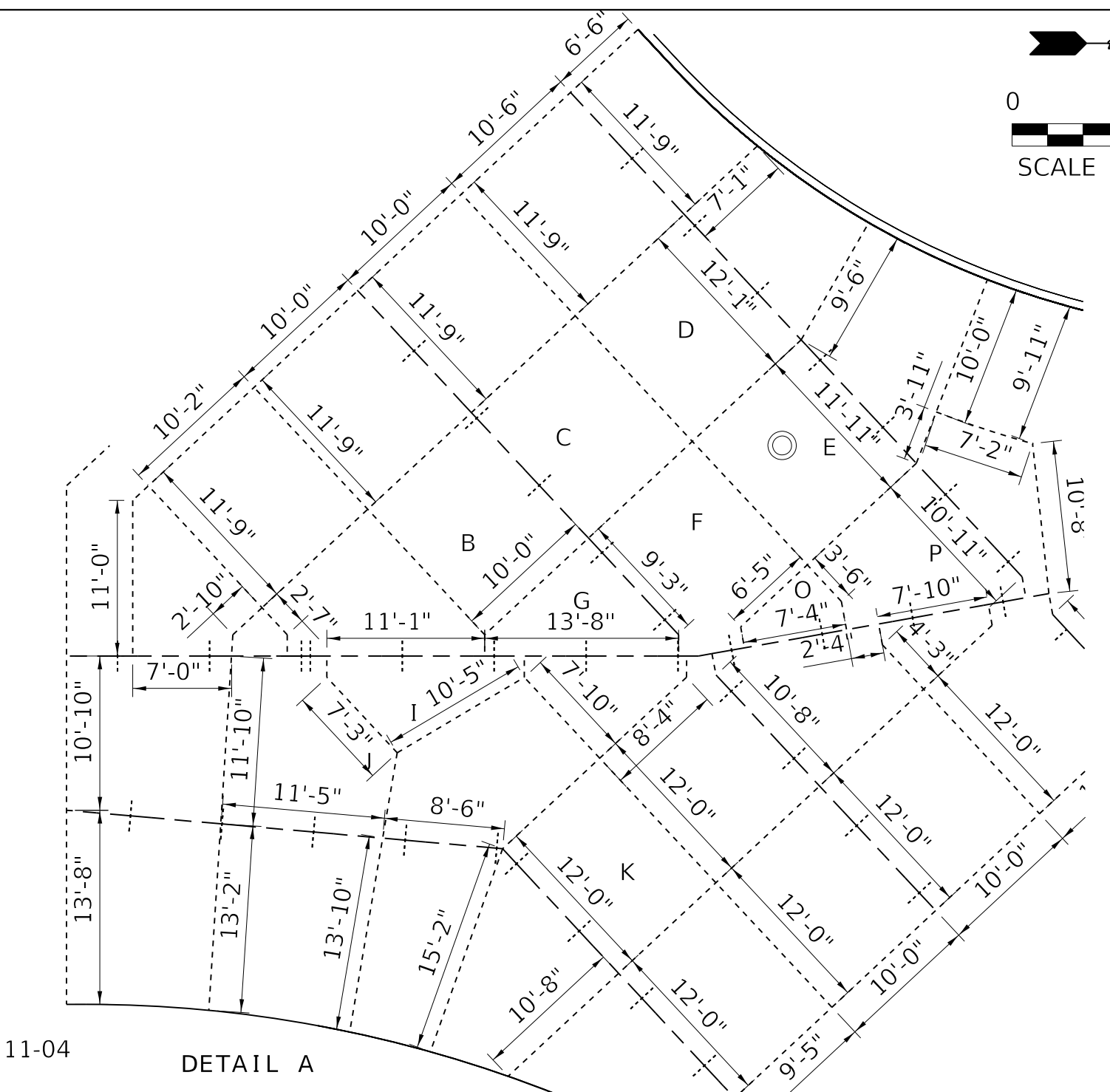
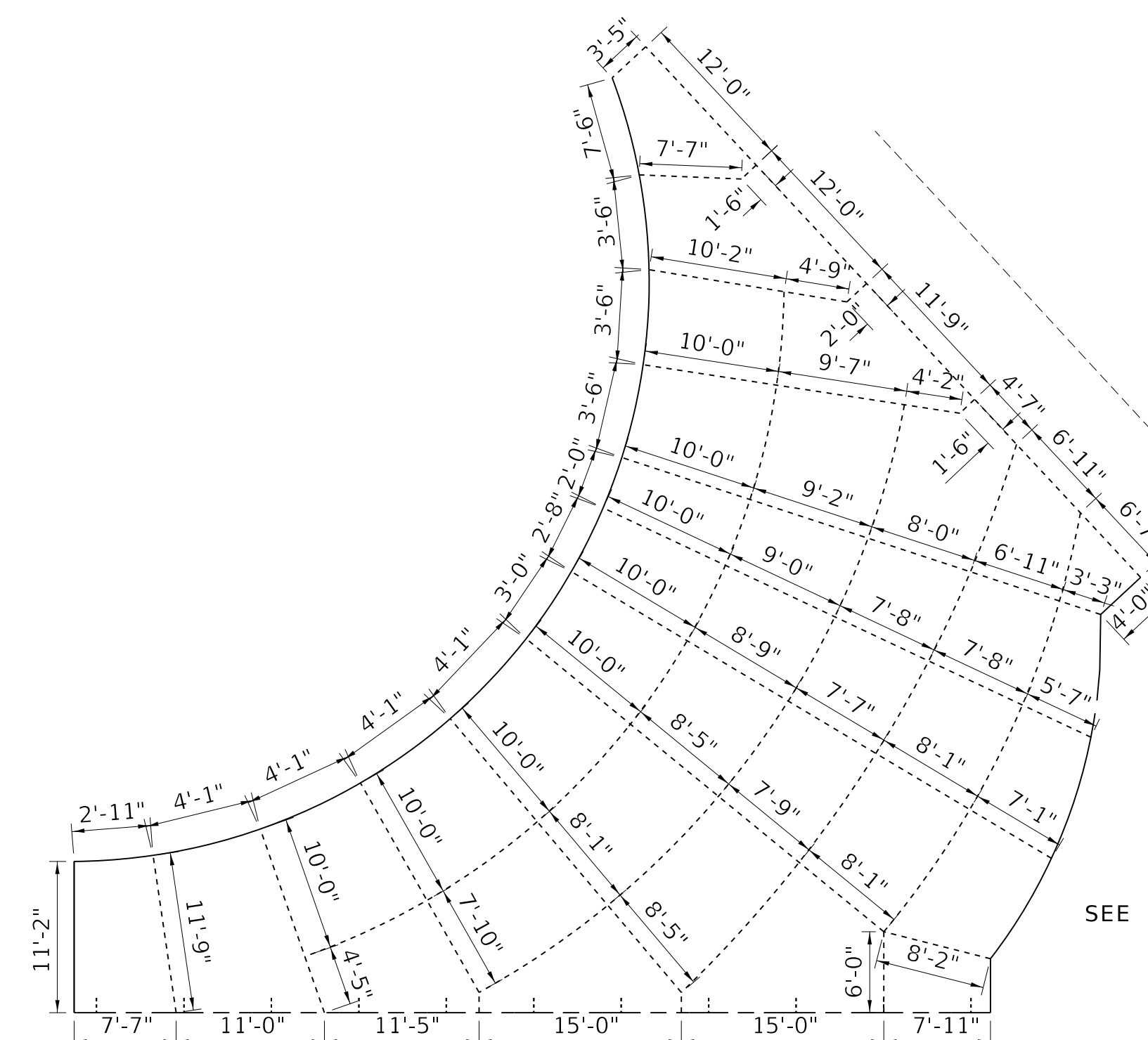
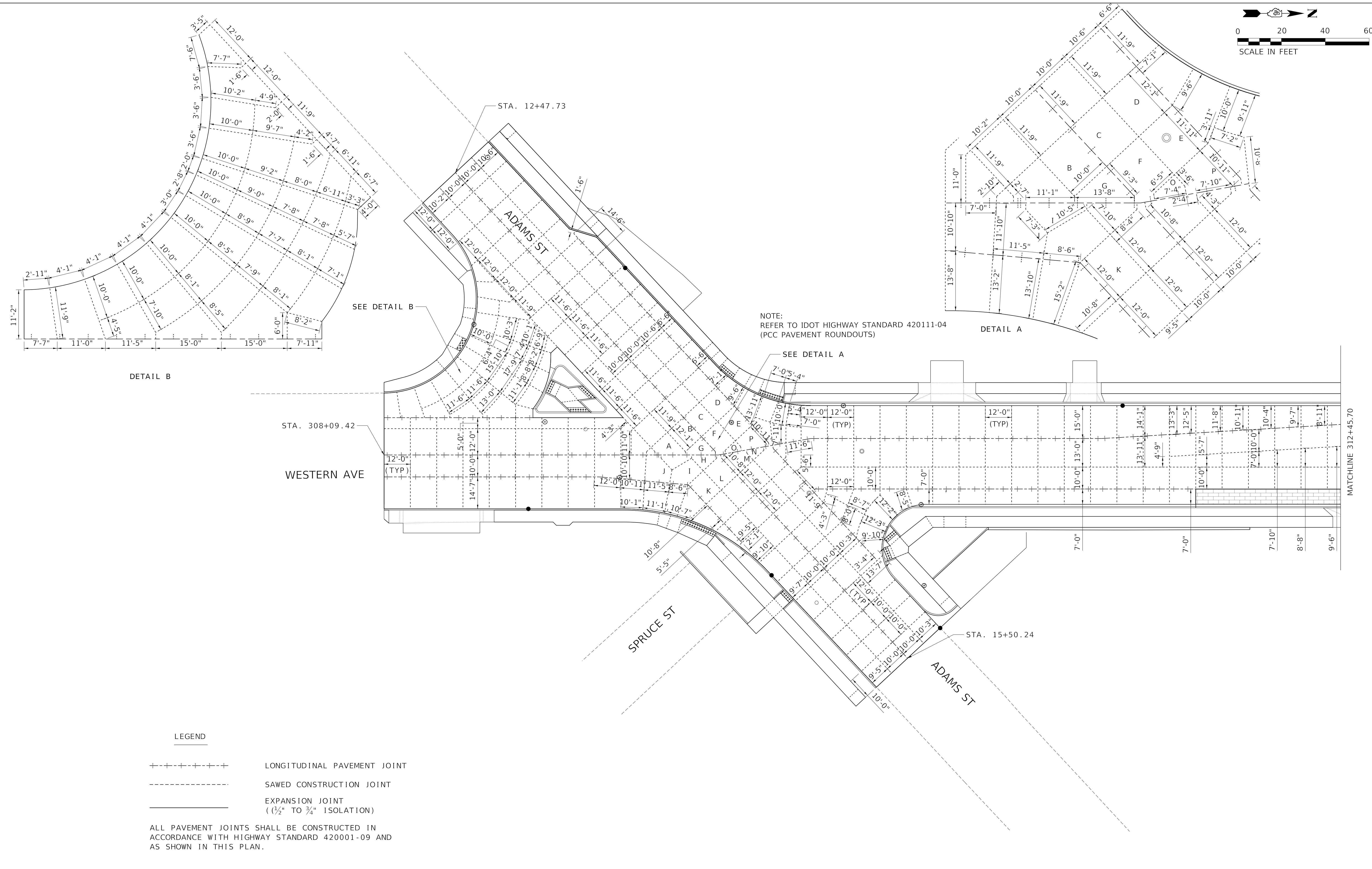
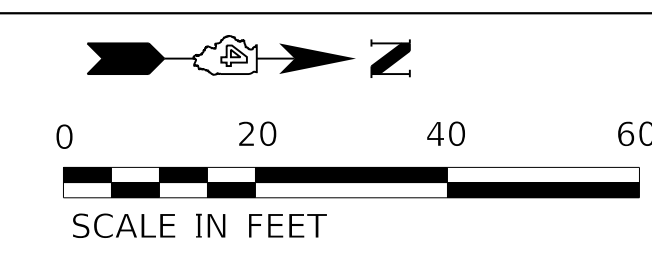
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| PLOT DATE = 2/19/2020 4:07:05 PM | DATE - 2/21/2020 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY PLANS
INTERSECTING STREETS

SCALE: 1"=5' SHEET 12 OF 12 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 215 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



DETAIL B

DETAIL A

NOTE:
REFER TO IDOT HIGHWAY STANDARD 420111-04
(PCC PAVEMENT ROUNDOUTS)

LEGEND

- - - - - LONGITUDINAL PAVEMENT JOINT
 - - - - - SAWED CONSTRUCTION JOINT
 - - - - - EXPANSION JOINT
 (1/2" TO 3/4" ISOLATION)

ALL PAVEMENT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 420001-09 AND AS SHOWN IN THIS PLAN.

MODEL: Default
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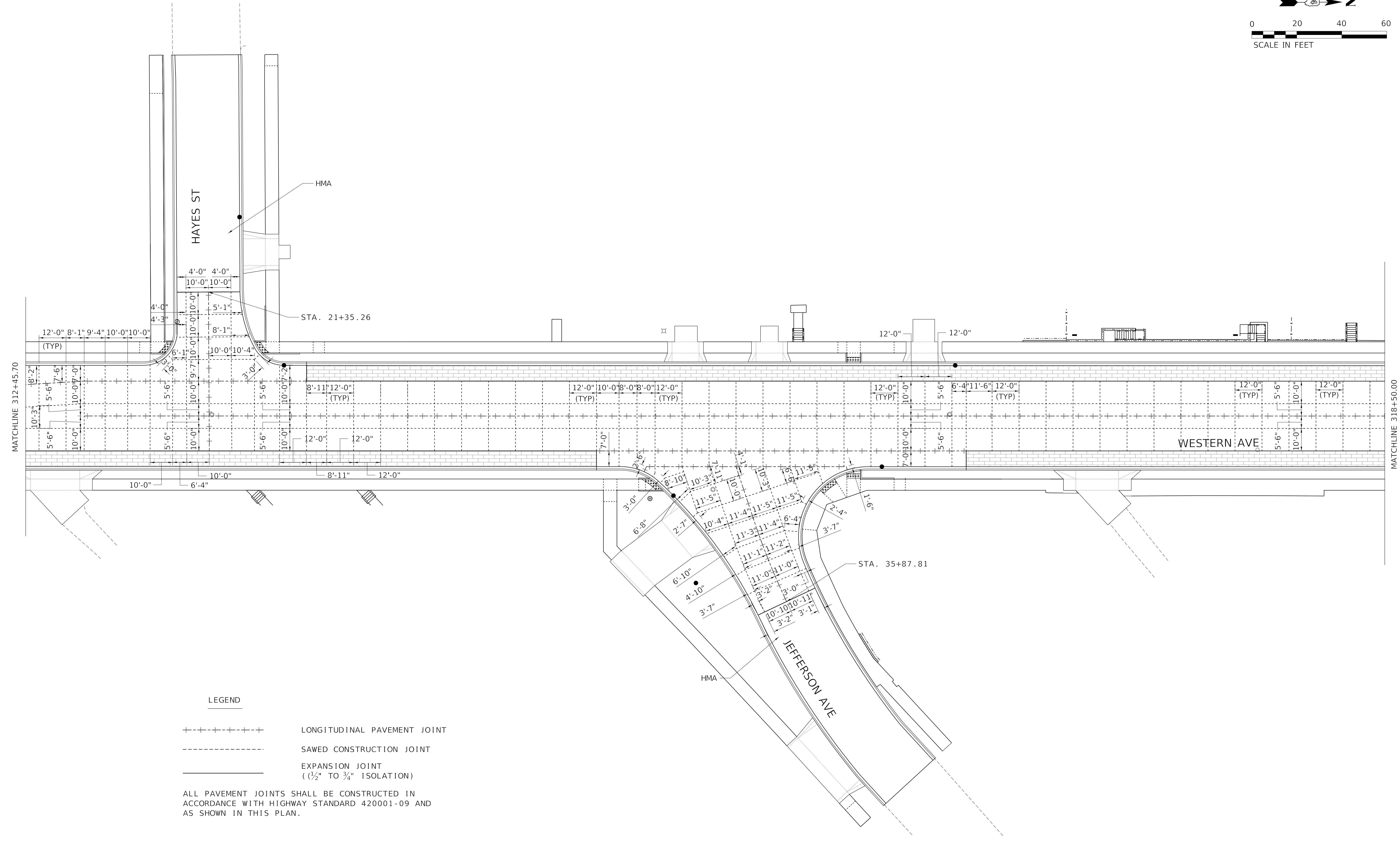
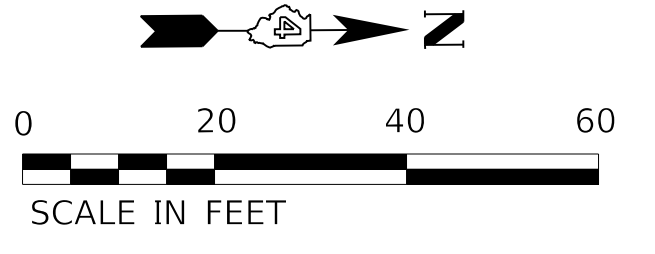
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| PLOT DATE = 2/19/2020 4:04:37 PM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
WESTERN AVE AND ADAMS ST**

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. TO STA. 312+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 216 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

+ + + + + LONGITUDINAL PAVEMENT JOINT
 - - - - - SAWED CONSTRUCTION JOINT
 _____ EXPANSION JOINT
 (1/2" TO 3/4" ISOLATION)

ALL PAVEMENT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 420001-09 AND AS SHOWN IN THIS PLAN.

MODEL: Default
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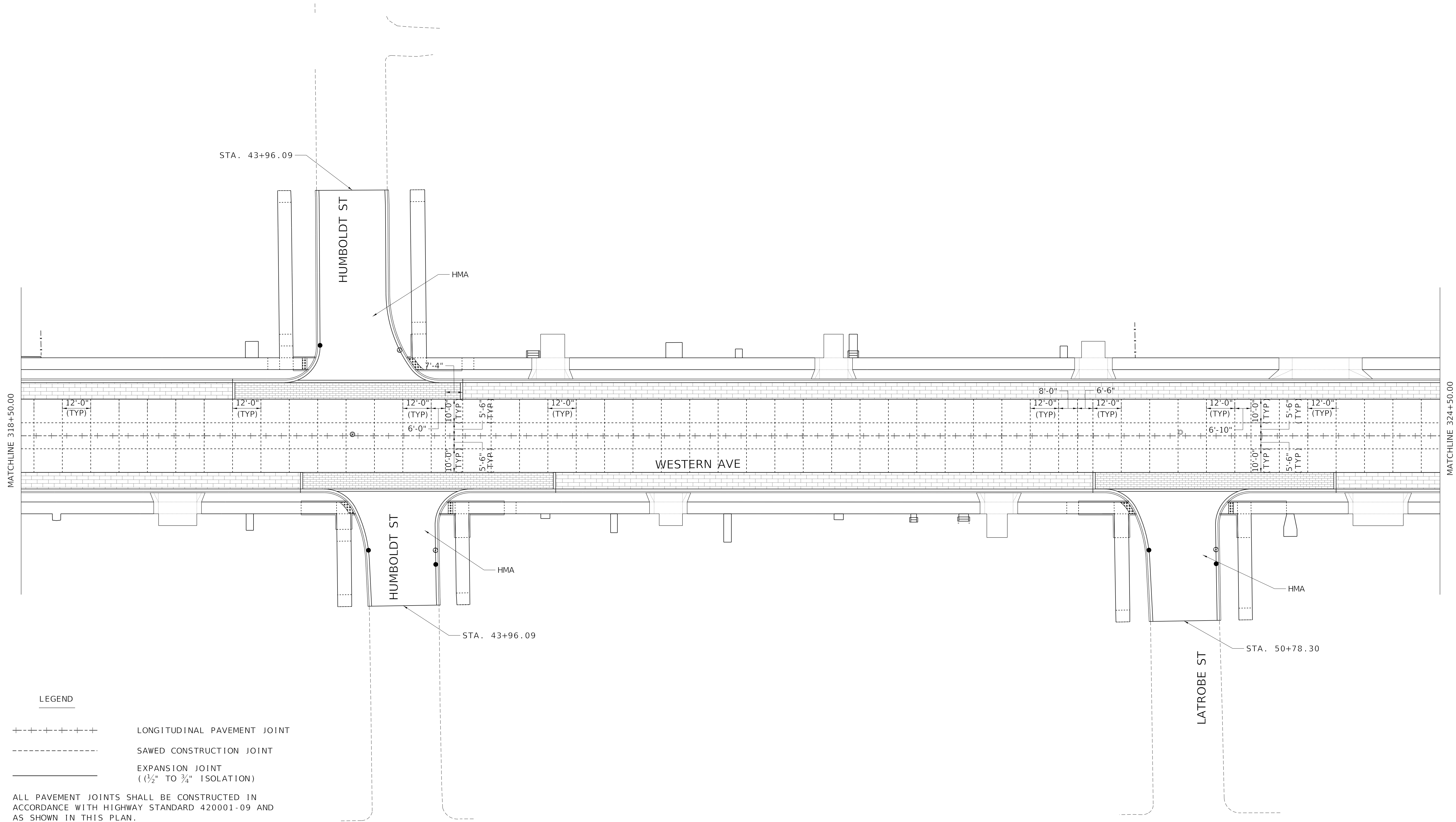
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| PLOT DATE = 2/19/2020 4:04:42 PM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
 WESTERN AVE AND JEFFERSON AVE**

SCALE: 1"=20' SHEET 2 OF 8 SHEETS STA. 312+50.00 TO STA. 318+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 217 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| | | ILLINOIS | FED. AID PROJECT | |



LEGEND

- +++++ LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- _____ EXPANSION JOINT
(1/2" TO 3/4" ISOLATION)

ALL PAVEMENT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 420001-09 AND AS SHOWN IN THIS PLAN.

MODEL: Default
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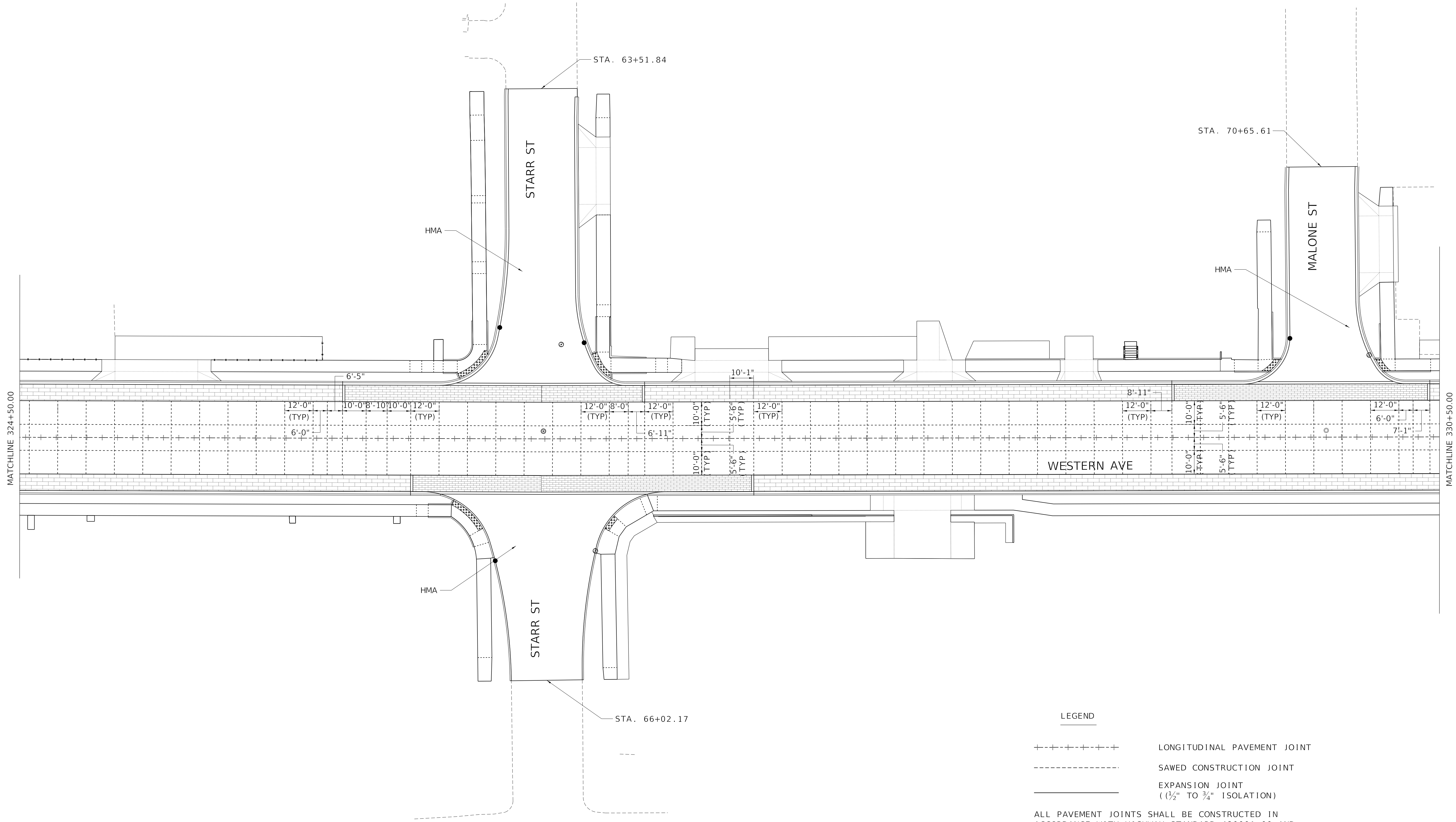
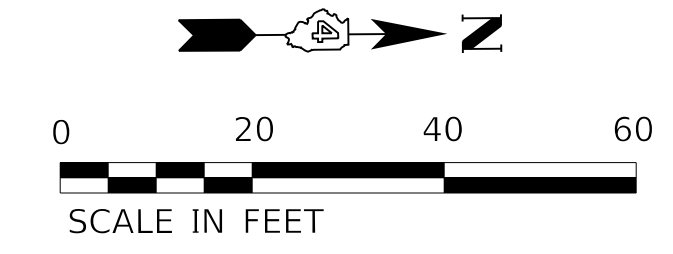


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| PLOT DATE | = 2/19/2020 4:04:46 PM | DATE | = 2/21/2020 | REVISED | - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| JOINTING PLANS | |
|-----------------------------|---------------------|
| WESTERN AVE AND HUMBOLDT ST | |
| SCALE: 1"=20' | SHEET 3 OF 8 SHEETS |
| STA. 318+50.00 | TO STA. 3254+50.00 |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 218 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



LEGEND

- +----- LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- EXPANSION JOINT
(1/2" TO 3/4" ISOLATION)

ALL PAVEMENT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 420001-09 AND AS SHOWN IN THIS PLAN.

MODEL: D:\default\TERRA\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-JOINTING004.dgn



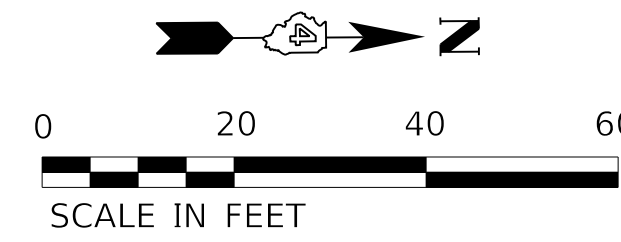
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| PLOT DATE = 2/19/2020 4:04:52 PM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
WESTERN AVE AND STARR ST**

SCALE: 1"=20' SHEET 4 OF 8 SHEETS STA. 324+50.00 TO STA. 330+50.00

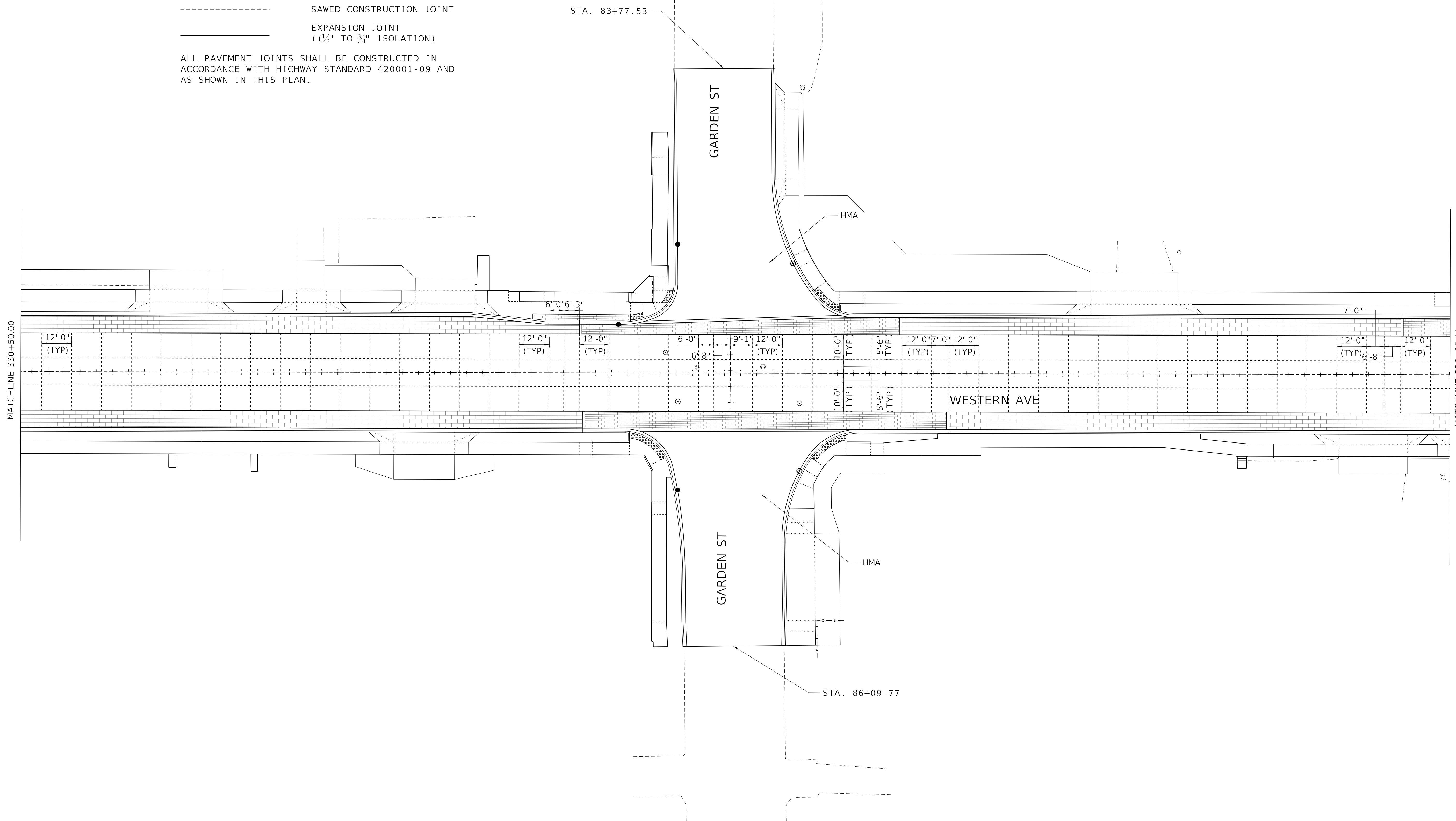
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 219 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

- +++++ LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- _____ EXPANSION JOINT
(1/2" TO 3/4" ISOLATION)

ALL PAVEMENT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 420001-09 AND AS SHOWN IN THIS PLAN.



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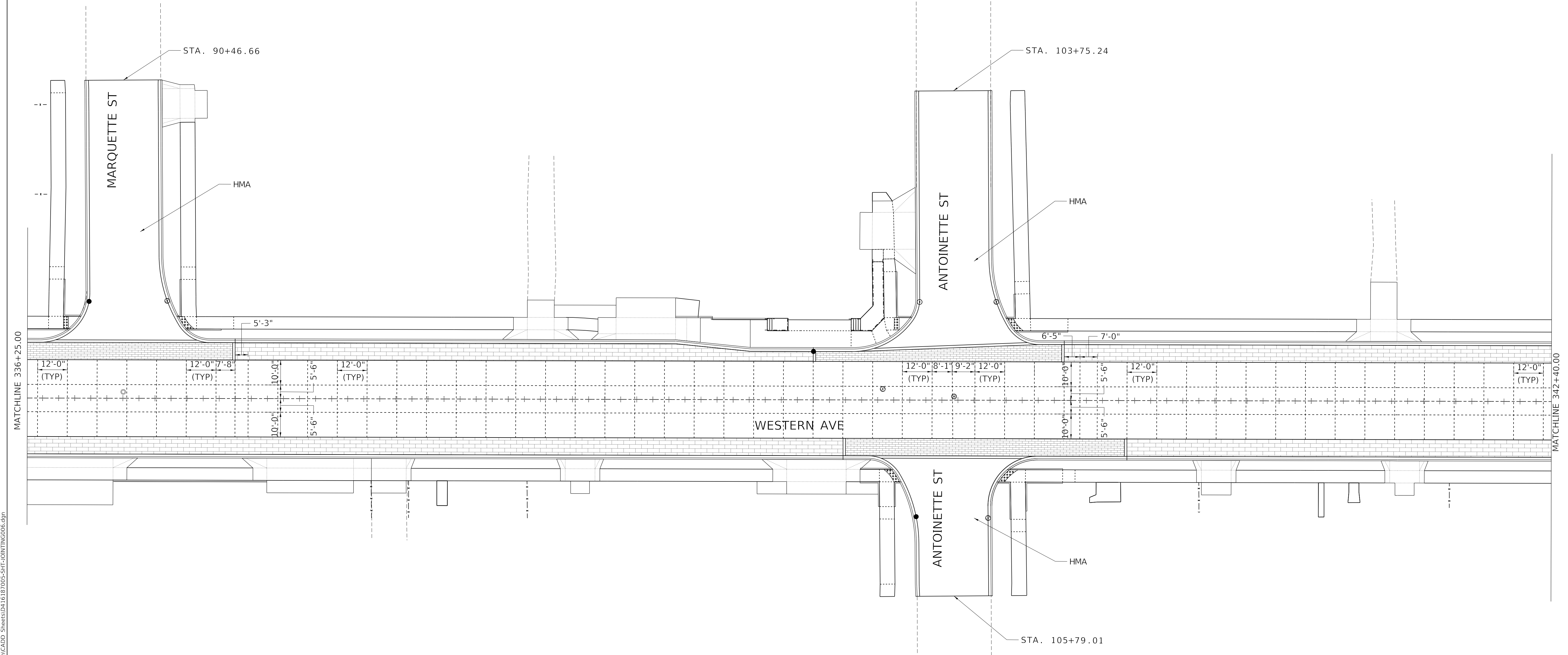
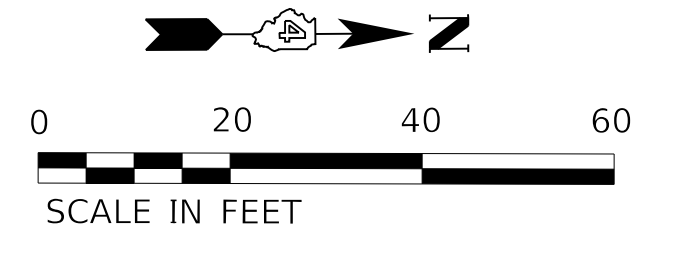
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| PLOT SCALE = 20.0000 ' / in. | CHECKED - CL | REVISED - |
| PLOT DATE = 2/19/2020 4:04:57 PM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
WESTERN AVE AND GARDEN ST**

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 330+50.00 TO STA. 336+25.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 220 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS | | | FED. AID PROJECT | |



LEGEND

- +++++ LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- EXPANSION JOINT
(1/2" TO 3/4" ISOLATION)

ALL PAVEMENT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 420001-09 AND AS SHOWN IN THIS PLAN.

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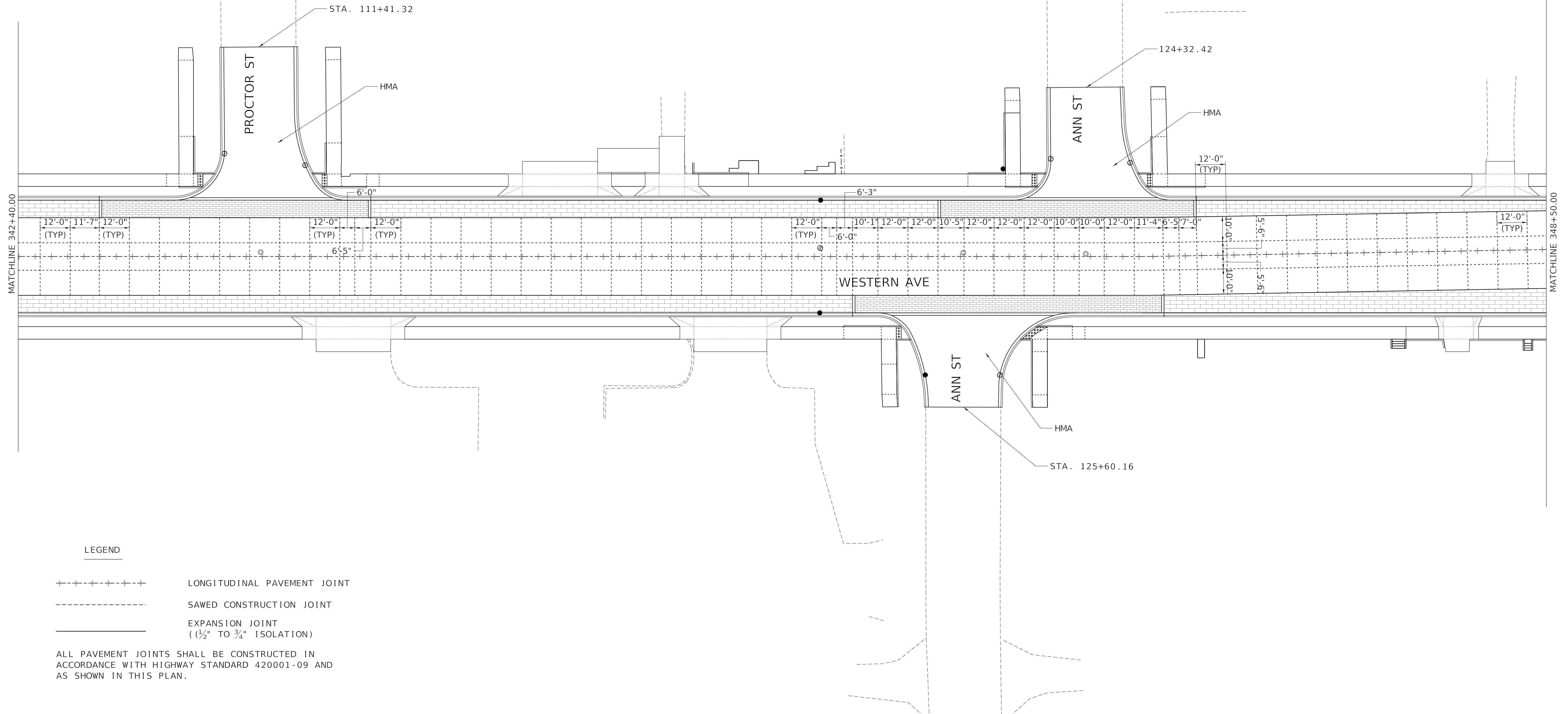
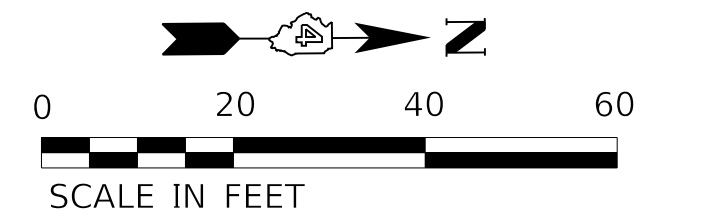
DESIGNED - AE
 DRAWN - AE
 CHECKED - CL
 DATE - 2/21/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
 WESTERN AVE AND MARQUETTE/ANTOINETTE ST**
 SCALE: 1"=20' SHEET 6 OF 8 SHEETS STA. 336+25.00 TO STA. 342+40.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 221 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

- +++++ LONGITUDINAL PAVEMENT JOINT
- - - - - SAWED CONSTRUCTION JOINT
- _____ EXPANSION JOINT
(1/2" TO 3/4" ISOLATION)

ALL PAVEMENT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HIGHWAY STANDARD 420001-09 AND AS SHOWN IN THIS PLAN.

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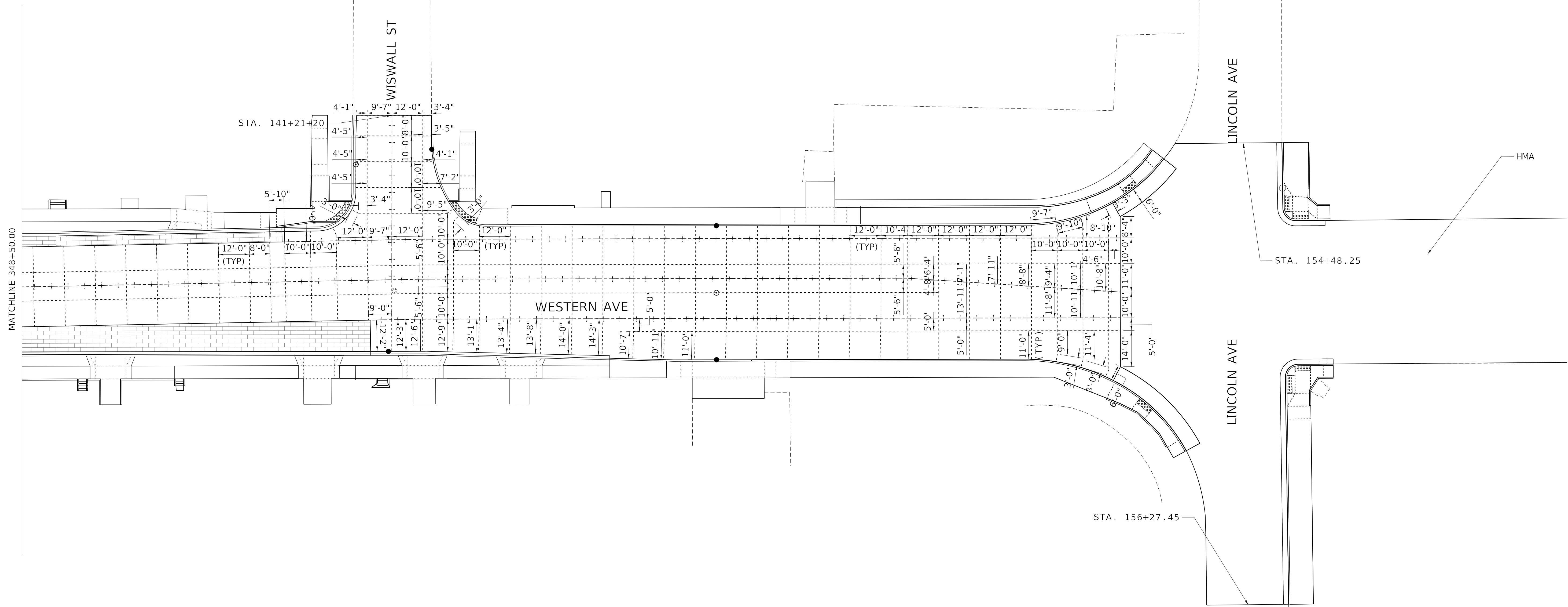
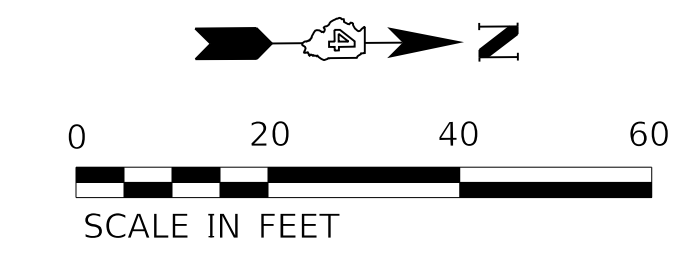
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| PLOT DATE = 2/19/2020 4:05:07 PM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING PLANS
WESTERN AVE AND PROCTOR/ANN ST**

SCALE: 1"=20' SHEET 7 OF 8 SHEETS STA. 342+40.00 TO STA. 348+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 222 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



LEGEND

+-----+-----+ LONGITUDINAL PAVEMENT JOINT
 - - - - - SAWED CONSTRUCTION JOINT
 _____ EXPANSION JOINT
 (1/2" TO 3/4" ISOLATION)

ALL PAVEMENT JOINTS SHALL BE CONSTRUCTED IN
 ACCORDANCE WITH HIGHWAY STANDARD 420001-09 AND
 AS SHOWN IN THIS PLAN.

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 CHECKED - CL
 DATE - 2/21/2020

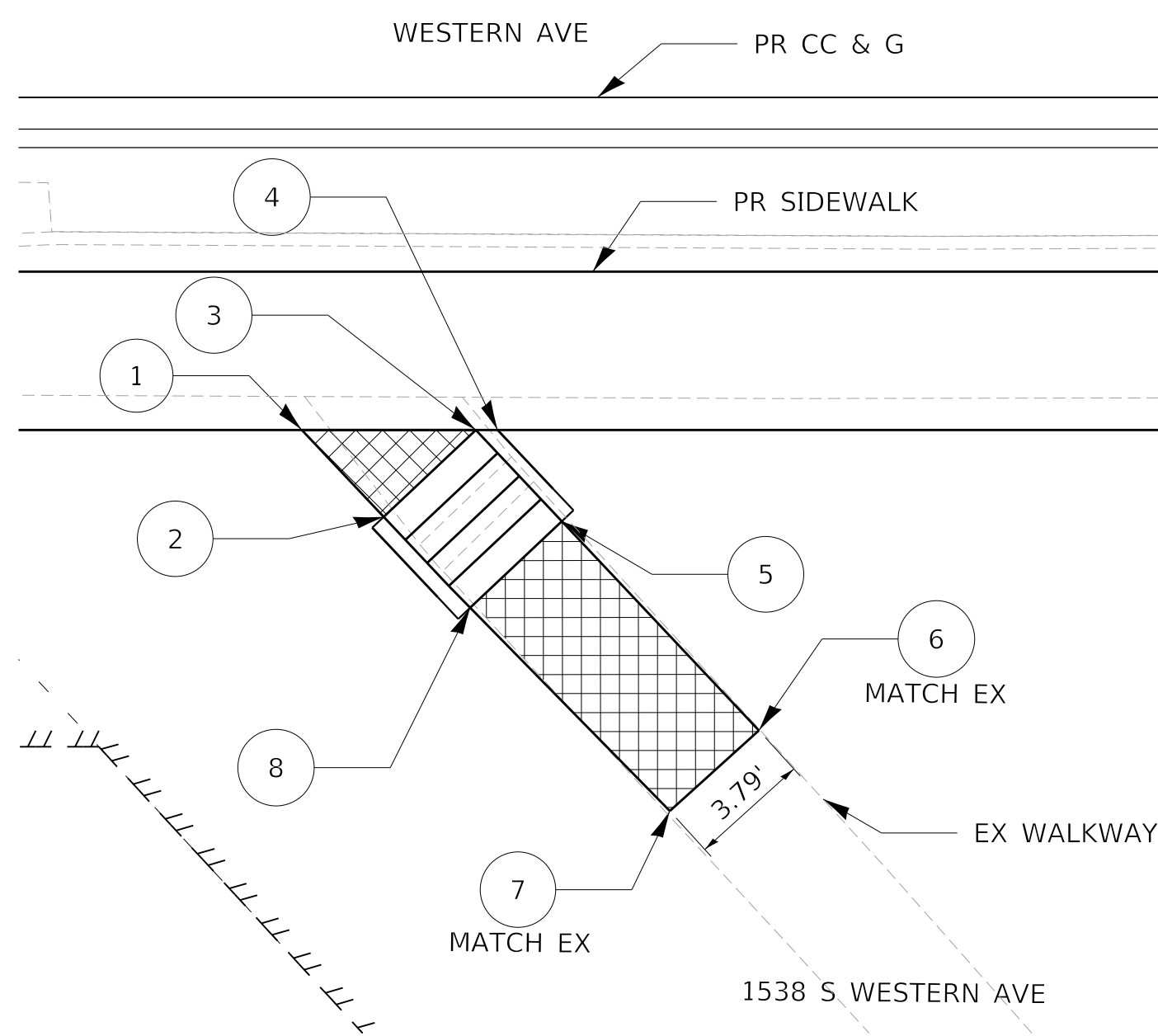
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING PLANS
WESTERN AVE AND WISWALL ST/LINCOLN AVE

SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. 348+50.00 TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 223 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



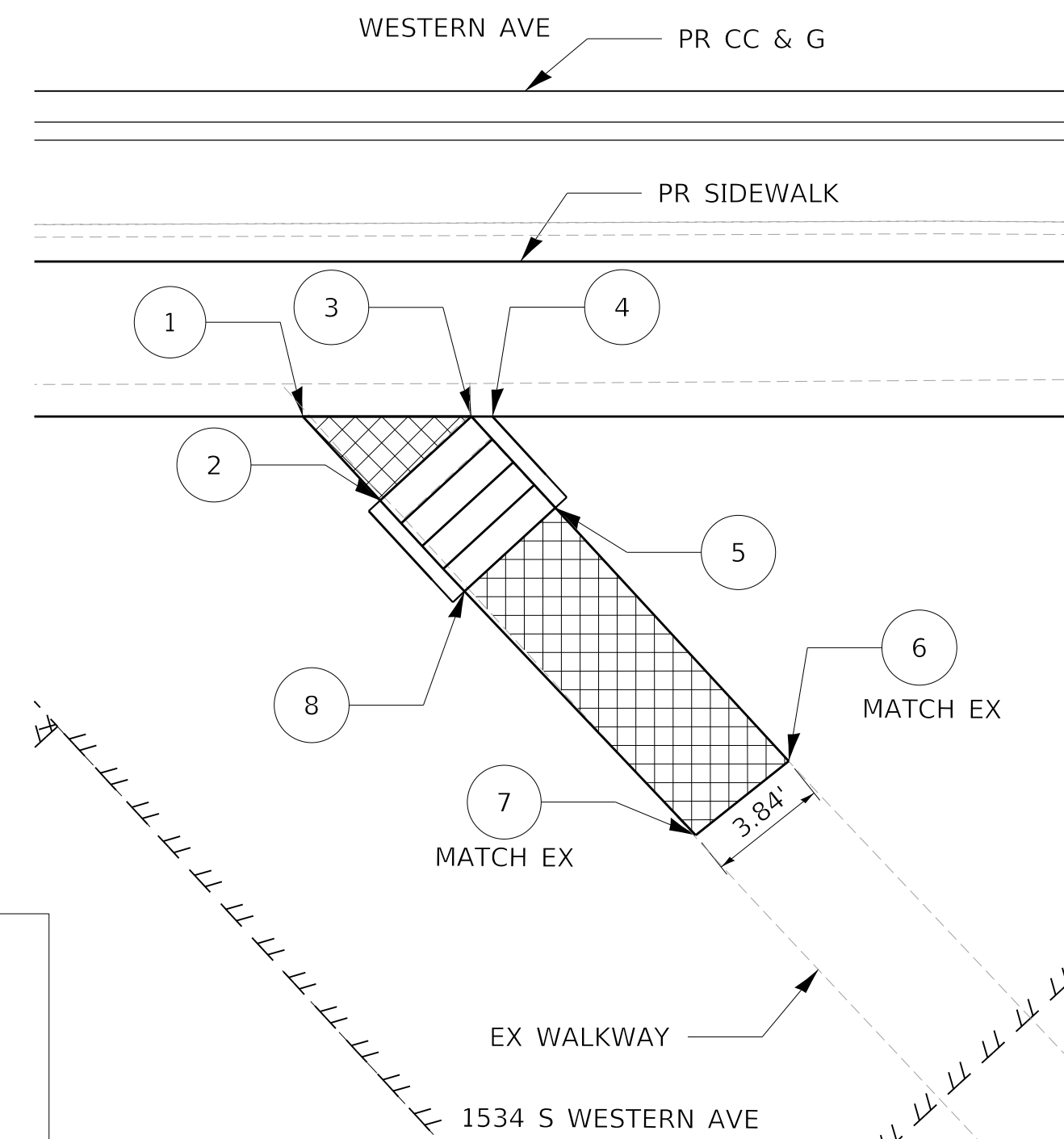
| STEPS 313+46 | | | | |
|--------------|-----------|--------|-------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. |
| 1 | 313+43.82 | 33.00 | RT | 498.31 |
| 2 | 313+46.40 | 35.74 | RT | 498.52 |
| 3 | 313+49.31 | 33.00 | RT | 498.58 |
| 4 | 313+50.00 | 33.00 | RT | 498.81 |
| 5 | 313+52.03 | 35.88 | RT | 500.10 |
| 6 | 313+58.25 | 42.49 | RT | 500.30 |
| 7 | 313+55.44 | 45.03 | RT | 500.32 |
| 8 | 313+49.13 | 38.61 | RT | 500.05 |

CONSTRUCT STEPS PER DETAIL 503201-D4
(EXCEPT TREAD WIDTH AS NOTED HERE)

STEPS AND PROPERTY WALKWAY
WESTERN AVE. STA. 313+46 RT
3 STEPS AT 0.51' RISE EACH
12" TREADS

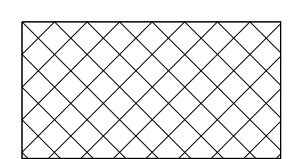
| STEPS 313+97 | | | | |
|--------------|-----------|--------|-------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. |
| 1 | 313+92.90 | 33.00 | RT | 500.74 |
| 2 | 313+95.39 | 35.71 | RT | 500.94 |
| 3 | 313+98.33 | 33.00 | RT | 501.01 |
| 4 | 313+99.01 | 33.00 | RT | 501.27 |
| 5 | 314+01.04 | 35.94 | RT | 502.78 |
| 6 | 314+08.57 | 44.12 | RT | 503.00 |
| 7 | 314+05.57 | 46.51 | RT | 502.89 |
| 8 | 314+98.11 | 38.64 | RT | 502.71 |

CONSTRUCT STEPS PER DETAIL 503201-D4
(EXCEPT TREAD WIDTH AS NOTED HERE)

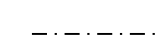


STEPS AND PROPERTY WALKWAY
WESTERN AVE. STA. 313+97 RT
3 STEPS AT 0.59' RISE EACH
12" TREADS

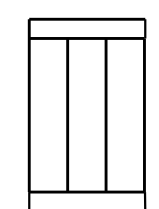
LEGEND



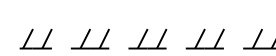
PCC SIDEWALK 4"



PIPE HANDRAIL



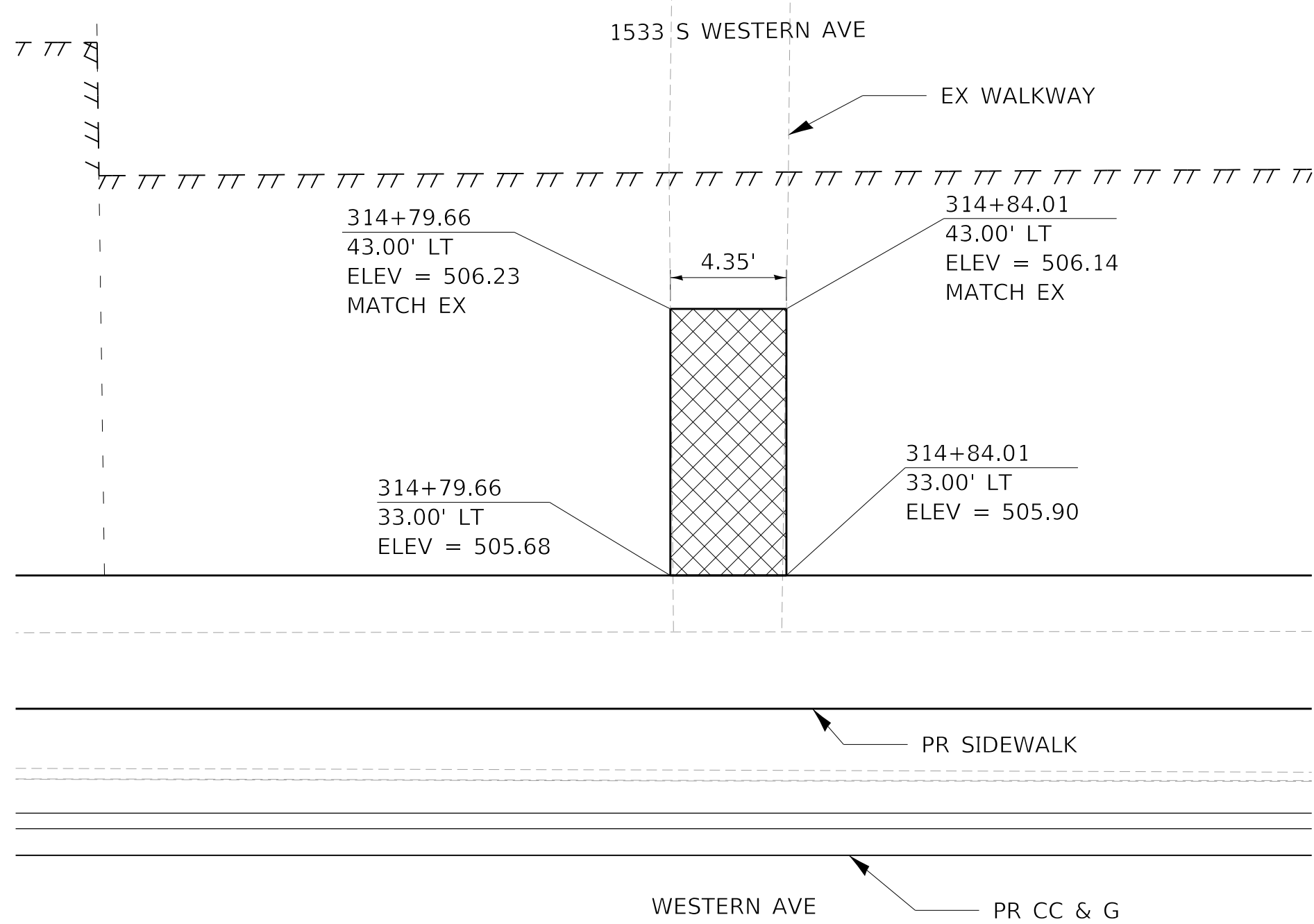
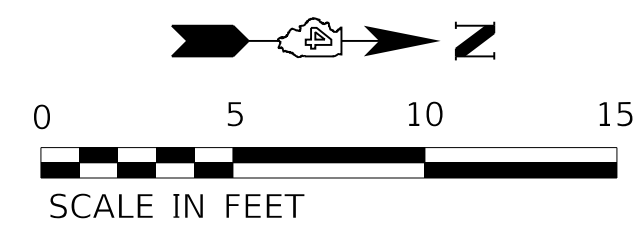
CONCRETE STEPS



TEMP. EASEMENT

STEPS GENERAL NOTES

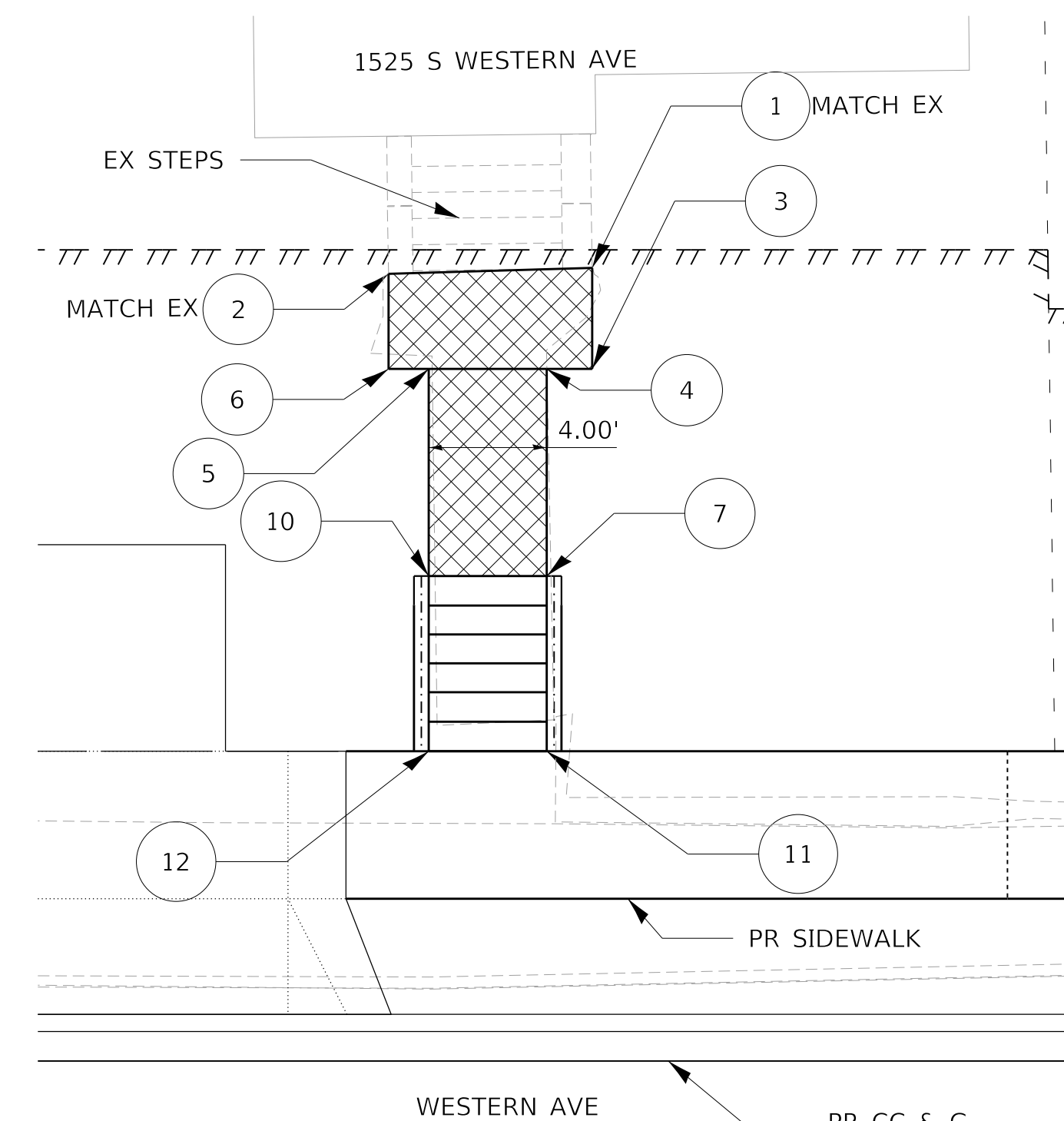
1. ALL STEPS MUST MEET THE ADA/PROWAG STANDARDS OF A UNIFORM TREAD DEPTH AND RISER HEIGHT.
2. MINIMUM TREAD DEPTH SHALL BE 11".



PROPERTY WALKWAY
WESTERN AVE. STA. 314+82 LT

| STEPS 315+89 | | | | |
|--------------|-----------|--------|-------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. |
| 1 | 315+92.75 | 49.39 | LT | 312.37 |
| 2 | 315+85.85 | 49.19 | LT | 312.4 |
| 3 | 315+92.75 | 45.96 | LT | 312.27 |
| 4 | 315+91.21 | 45.96 | LT | 312.26 |
| 5 | 315+87.21 | 45.96 | LT | 312.24 |
| 6 | 315+85.85 | 45.96 | LT | 312.23 |
| 7 | 315+91.21 | 38.94 | LT | 312.09 |
| 10 | 315+87.21 | 38.94 | LT | 312.05 |
| 11 | 315+91.31 | 33.00 | LT | 312.07 |
| 12 | 315+87.21 | 33.00 | LT | 312.03 |

CONSTRUCT HANDRAIL AND STEPS PER DETAIL 503201-D4 (EXCEPT TREAD WIDTH AS NOTED HERE)



STEPS AND PROPERTY WALKWAY
WESTERN AVE. STA. 315+89 RT
5 STEPS AT 0.40' RISE EACH
12" TREADS

MODEL: D:\default... FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-STEPS-01.dgn



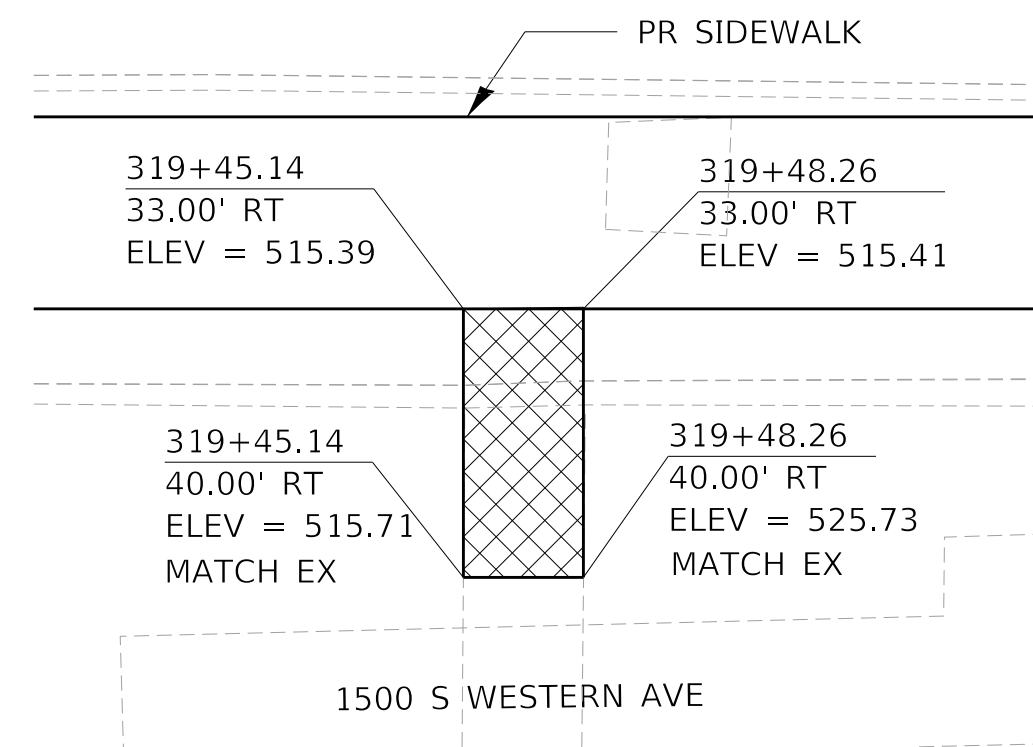
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| PLOT DATE = 2/24/2020 10:28:20 AM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

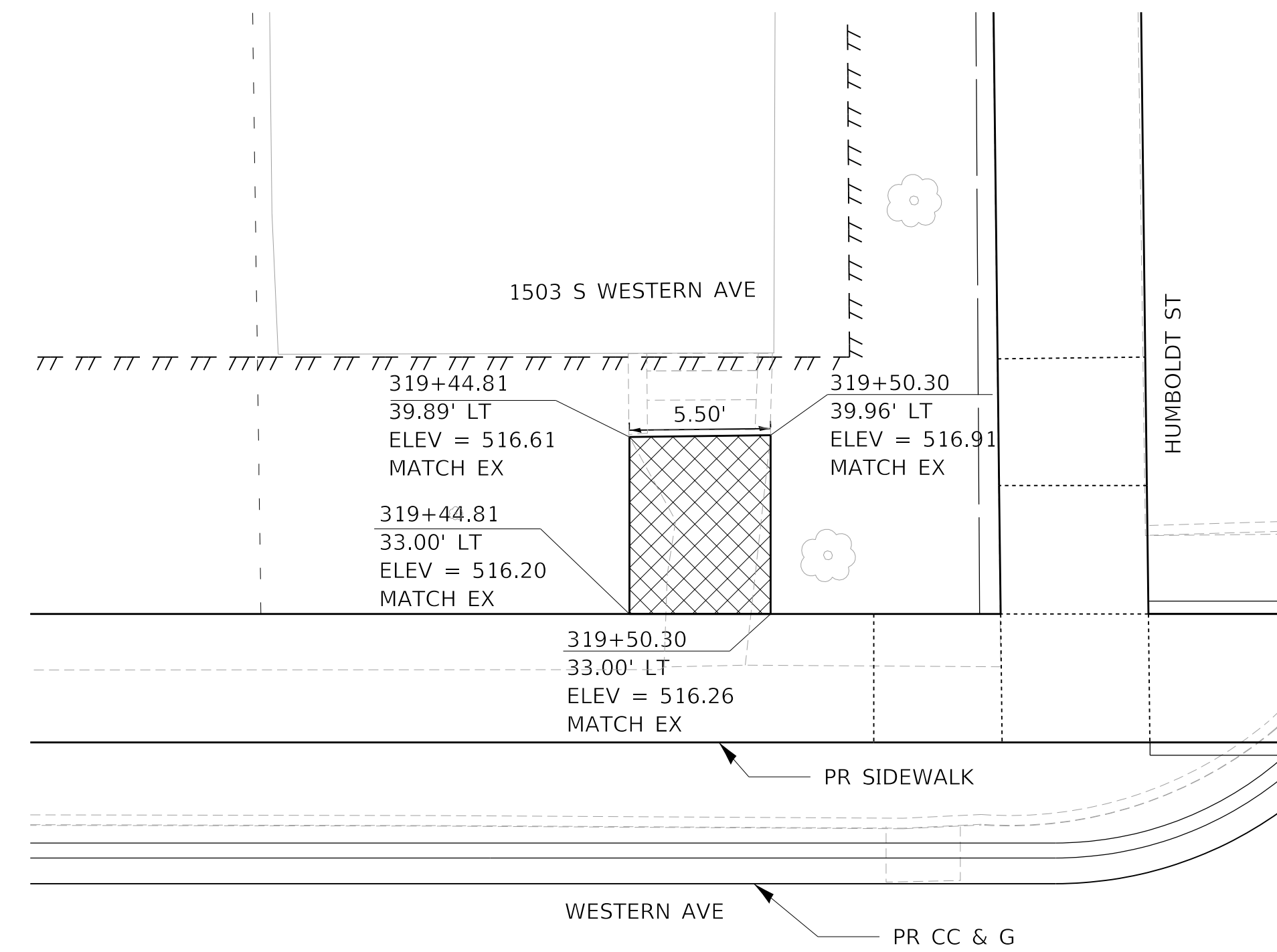
**STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE**

SCALE: 1"=5' SHEET 1 OF 13 SHEETS STA. TO STA.

| | | | | |
|----------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 224 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

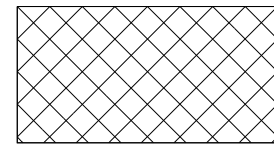
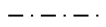
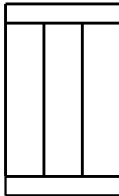
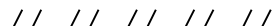


PROPERTY WALKWAY
WESTERN AVE STA. 319+47 RT



PROPERTY WALKWAY
WESTERN AVE STA. 319+47 LT

LEGEND

-  PCC SIDEWALK 4"
-  PIPE HANDRAIL
-  CONCRETE STEPS
-  TEMP. EASEMENT



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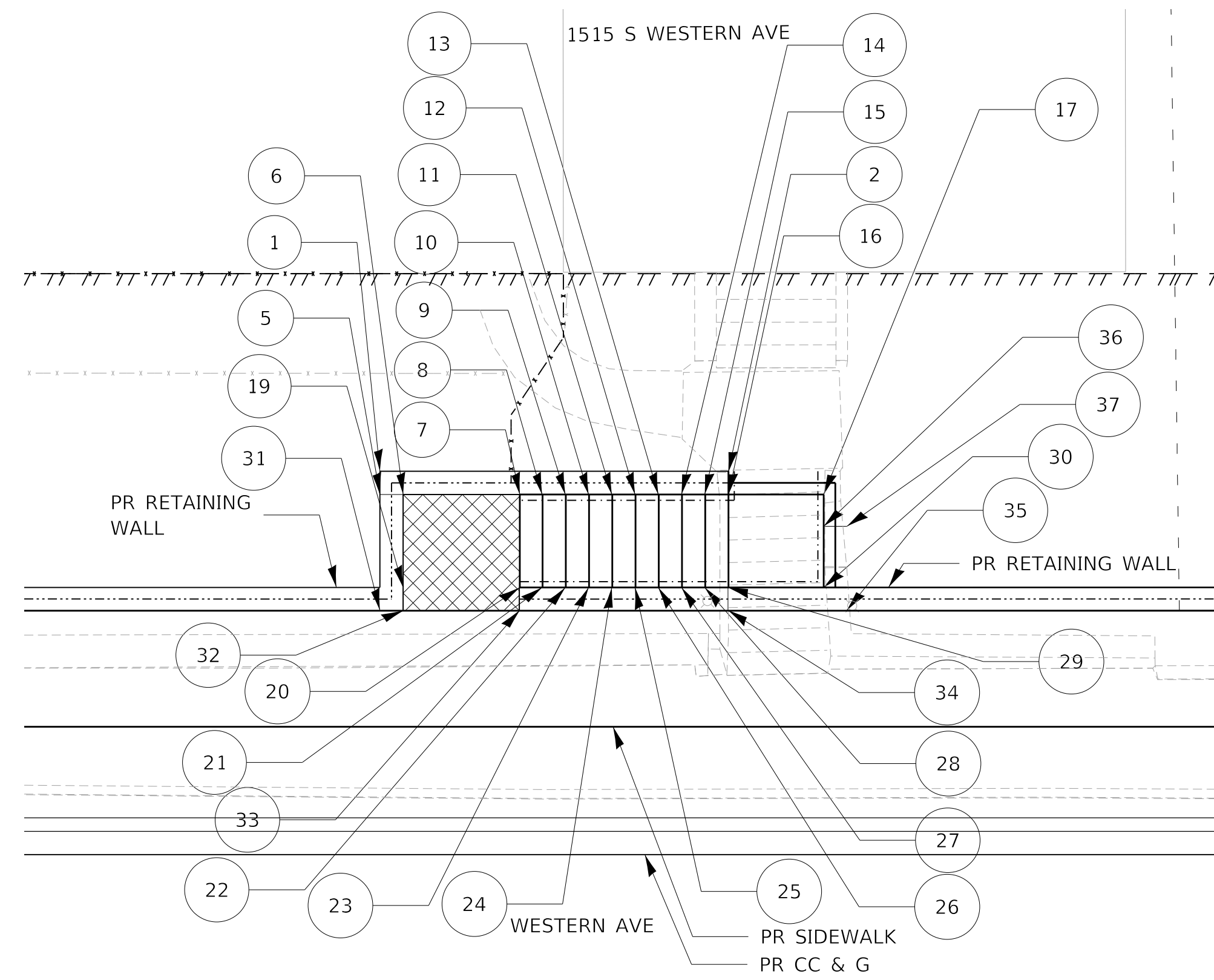
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| PLOT DATE | = 2/24/2020 10:28:26 AM | DATE | - 2/21/2020 | REVISED | - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE

SCALE: 1"=5' SHEET 2 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 225 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |



STEPS AND PROPERTY WALKWAY
 WESTERN AVE STA. 317+35 LT
 10 STEPS AT APPROXIMATELY 0.52' RISE EACH
 12" TREADS

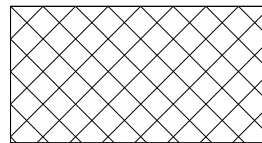
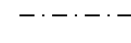

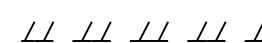
| POINT | STATION | OFFSET | LT/RT | ELEV. | T/STEP | WALL | UPPER WALL | LOWER WALL | LANDING PAD |
|-------|-----------|--------|-------|--------|--------|--------|------------|------------|-------------|
| 1 | 317+24.05 | 39.00 | LT | 519.10 | | | | | |
| 2 | 317+39.05 | 39.00 | LT | 520.09 | | | | | |
| 3 | 317+43.15 | 39.00 | LT | 520.13 | | | | | |
| 4 | 317+44.15 | 39.00 | LT | 520.09 | | | | | |
| 5 | 317+24.05 | 38.00 | LT | | | | 519.05 | 517.70 | |
| 6 | 317+25.05 | 38.00 | LT | 513.88 | | | 519.10 | 517.70 | |
| 7 | 317+30.05 | 38.00 | LT | 513.97 | 514.53 | | | | |
| 8 | 317+31.03 | 38.00 | LT | 514.53 | 515.08 | | | | |
| 9 | 317+32.03 | 38.00 | LT | 515.08 | 515.64 | | | | |
| 10 | 317+33.03 | 38.00 | LT | 515.64 | 516.19 | | | | |
| 11 | 317+34.03 | 38.00 | LT | 516.19 | 516.75 | | | | |
| 12 | 317+35.03 | 38.00 | LT | 516.75 | 517.31 | | | | |
| 13 | 317+36.03 | 38.00 | LT | 517.31 | 517.86 | | | | |
| 14 | 317+37.03 | 38.00 | LT | 517.86 | 518.42 | | | | |
| 15 | 317+38.03 | 38.00 | LT | 518.42 | 518.97 | | | | |
| 16 | 317+39.05 | 38.00 | LT | 518.97 | 520.03 | | | | 519.53 |
| 17 | 317+43.15 | 38.00 | LT | 519.57 | 520.08 | | | | |
| 18 | 317+44.15 | 38.00 | LT | 520.08 | | | | | |
| 19 | 317+25.05 | 34.00 | LT | 513.84 | | | | | |
| 20 | 317+25.05 | 33.00 | LT | 513.93 | 514.49 | 517.70 | | | |
| 21 | 317+31.03 | 34.00 | LT | 514.49 | 515.04 | | | | |
| 22 | 317+32.03 | 34.00 | LT | 515.04 | 515.6 | | | | |
| 23 | 317+33.03 | 34.00 | LT | 515.60 | 516.15 | | | | |
| 24 | 317+34.03 | 34.00 | LT | 516.15 | 516.71 | | | | |
| 25 | 317+35.03 | 34.00 | LT | 516.71 | 517.27 | | | | |
| 26 | 317+36.03 | 34.00 | LT | 517.27 | 517.82 | | | | |
| 27 | 317+37.03 | 34.00 | LT | 517.82 | 518.38 | | | | |
| 28 | 317+38.03 | 34.00 | LT | 518.38 | 518.93 | | | | |
| 29 | 317+39.03 | 34.00 | LT | 518.93 | 519.55 | | | | |
| 30 | 317+43.15 | 34.00 | LT | 519.53 | | | | | |
| 31 | 317+24.05 | 33.01 | LT | 513.84 | | 517.70 | | | |
| 32 | 317+25.05 | 33.01 | LT | | | 517.70 | | | |
| 33 | 317+30.07 | 33.02 | LT | 513.90 | | 517.70 | | | |
| 34 | 317+39.03 | 33.02 | LT | 519.54 | | | | | |
| 35 | 317+44.15 | 33.02 | LT | 519.53 | | | | | |
| 36 | 317+43.15 | 36.63 | LT | 519.56 | | | | | |
| 37 | 317+44.15 | 36.63 | LT | 519.56 | | | | | |

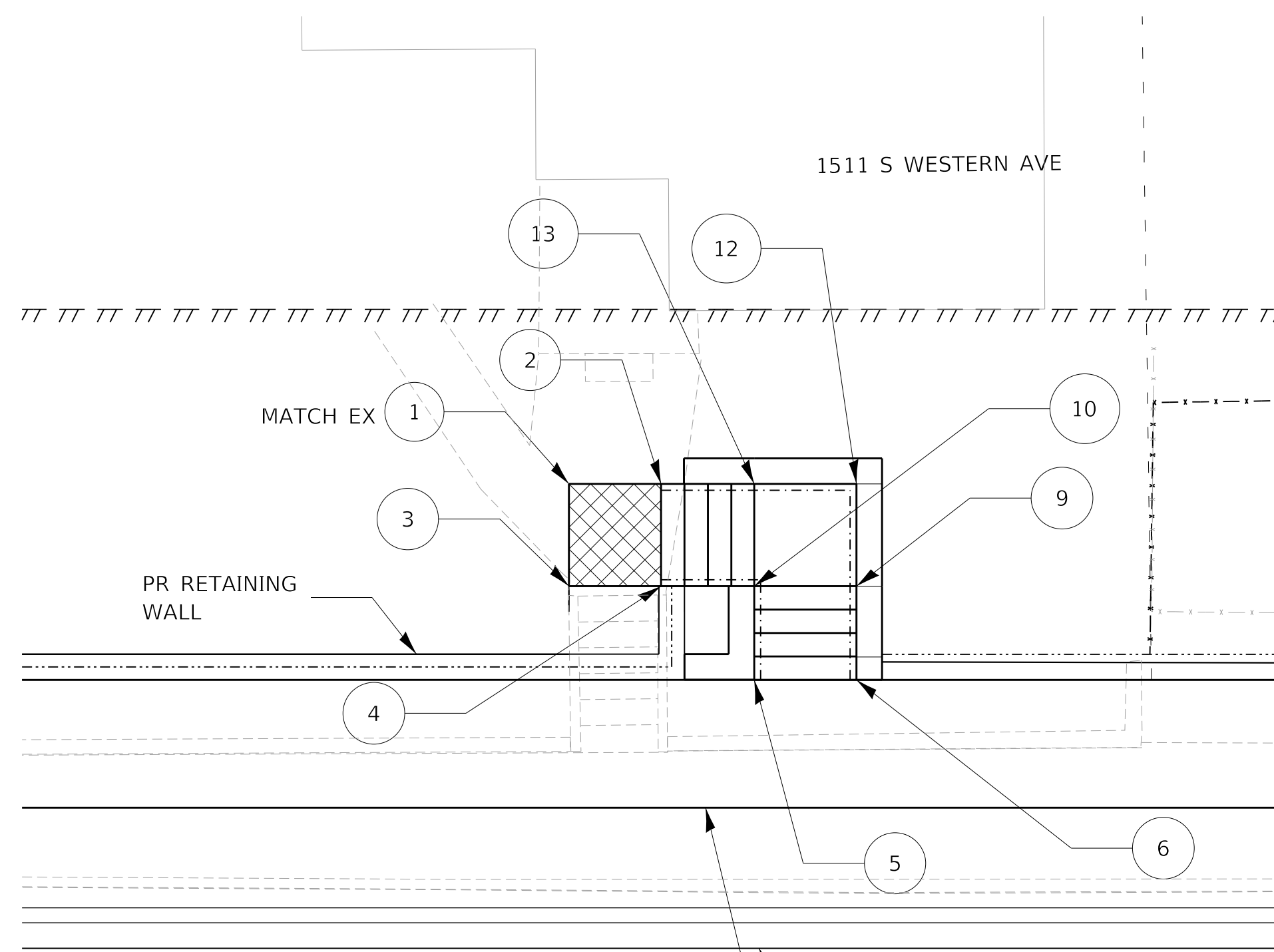
NOTE:

- SEE STRUCTURAL PLANS FOR RETAINING WALL INFORMATION
- SEE DETAIL: CONCRETE STEPS & LANDING ADJACENT TO RETAINING WALL



LEGEND

-  PCC SIDEWALK 4"
-  PIPE HANDRAIL
-  CONCRETE STEPS
-  TEMP. EASEMENT



STEPS AND PROPERTY WALKWAY
 WESTERN AVE STA. 317+92 LT
 4 STEPS AT 0.54' RISE EACH
 4 STEPS AT 0.58' RISE EACH
 11" TREADS

| STEPS 316+81 LT | | | | | | |
|-----------------|-----------|--------|-------|--------|--------|-------------|
| POINT | STATION | OFFSET | LT/RT | ELEV. | T/STEP | LANDING PAD |
| 1 | 317+85.66 | 40.67 | LT | 519.46 | | |
| 2 | 317+89.26 | 40.67 | LT | 519.44 | | |
| 3 | 317+85.66 | 36.67 | LT | 519.43 | | |
| 4 | 317+89.26 | 36.67 | LT | 519.41 | | |
| 5 | 317+92.91 | 33.00 | LT | 514.91 | 517.54 | |
| 6 | 317+96.91 | 33.00 | LT | 514.96 | 517.54 | |
| 9 | 317+96.91 | 36.67 | LT | 516.58 | 517.12 | 517.12 |
| 10 | 317+92.91 | 36.65 | LT | 516.53 | 517.65 | 517.07 |
| 12 | 317+96.91 | 40.67 | LT | | | 517.15 |
| 13 | 317+92.91 | 40.67 | LT | | 517.69 | 517.1 |

NOTE:

- SEE STRUCTURAL PLANS FOR RETAINING WALL INFORMATION
- SEE DETAIL: CONCRETE STEPS & LANDING ADJACENT TO RETAINING WALL

MODEL: D:\default\PROJECTS\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-STEPS-03.dgn



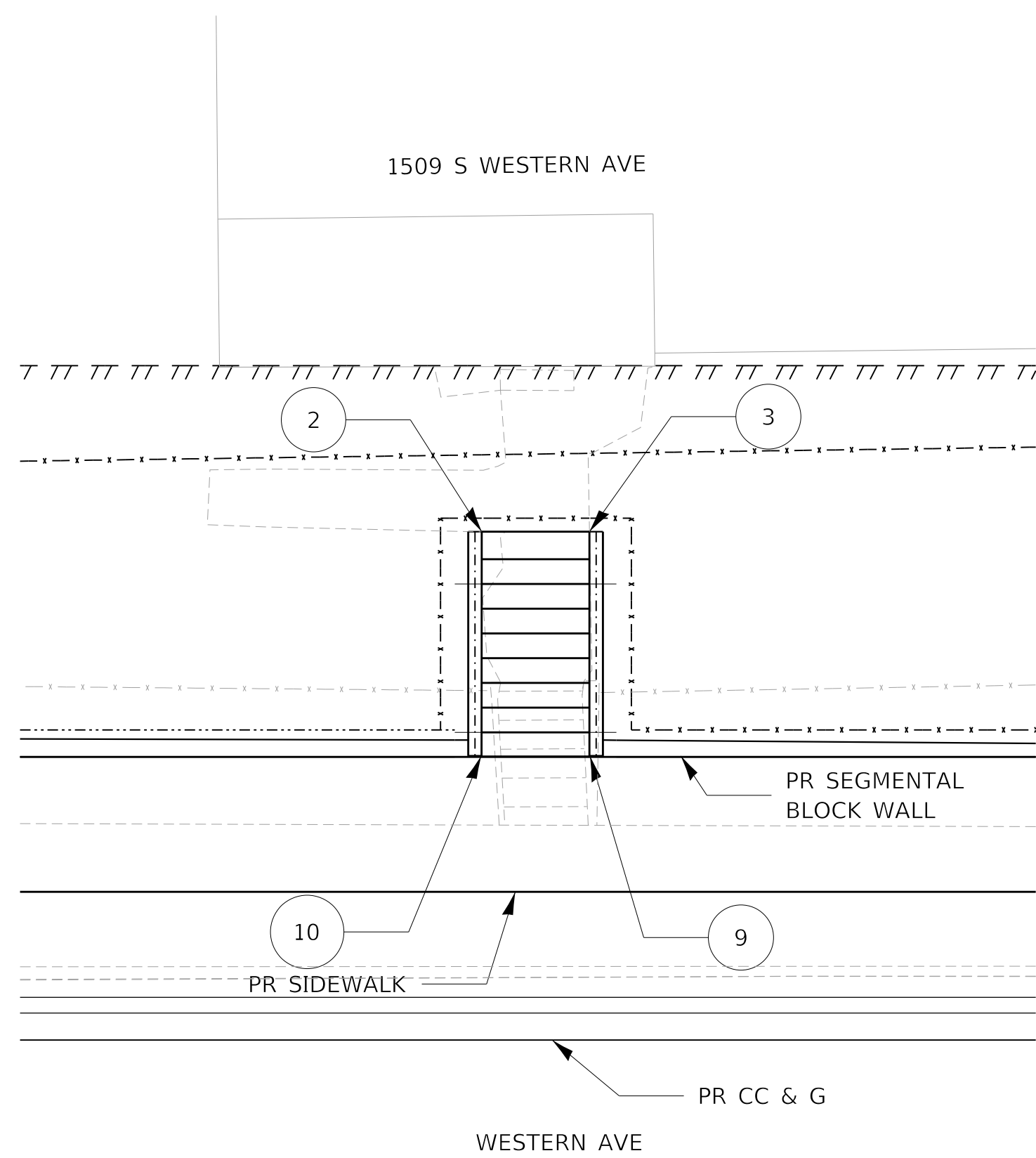
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| PLOT DATE | = 2/24/2020 10:28:31 AM | DATE | - 2/21/2020 | REVISED | - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STEPS AND PROPERTY WALKWAY PLAN
 WESTERN AVENUE

SCALE: 1"=5' SHEET 3 OF 13 SHEETS STA. TO STA.

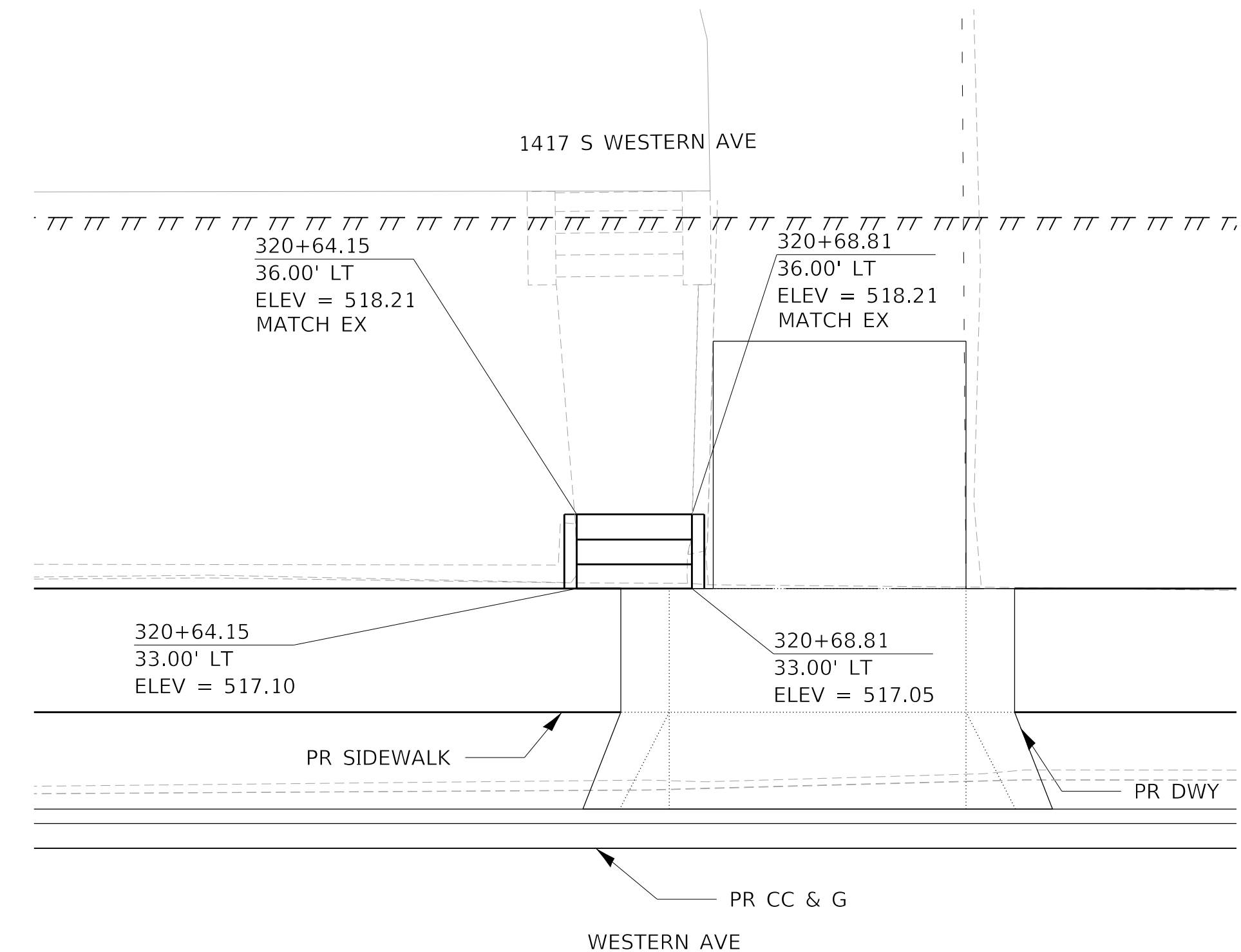
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 226 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



| POINT | STATION | OFFSET | LT/RT | ELEV. | WALL |
|-------|-----------|--------|-------|--------|--------|
| 2 | 318+33.18 | 41.34 | LT | 519.06 | |
| 3 | 318+37.18 | 41.34 | LT | 519.04 | |
| 9 | 318+37.20 | 33.03 | LT | 515.38 | 517.3 |
| 10 | 318+33.16 | 33.03 | LT | 515.34 | 515.34 |

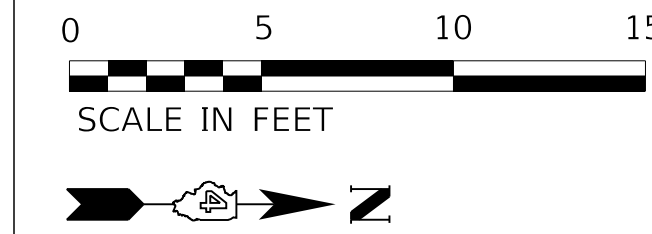
STEPS AND PROPERTY WALKWAY
 WESTERN AVE STA. 318+35 LT
 8 STEPS AT 0.46' RISE EACH
 11" TREADS

1. CONSTRUCT PER DETAIL 503201-D4
2. SEE SEGMENTAL BLOCK WALL PLANS FOR RETAINING WALL INFORMATION
3. MATCH STEP SIDE WALL HEIGHT TO ADJOINING SEGMENTAL BLOCK WALL



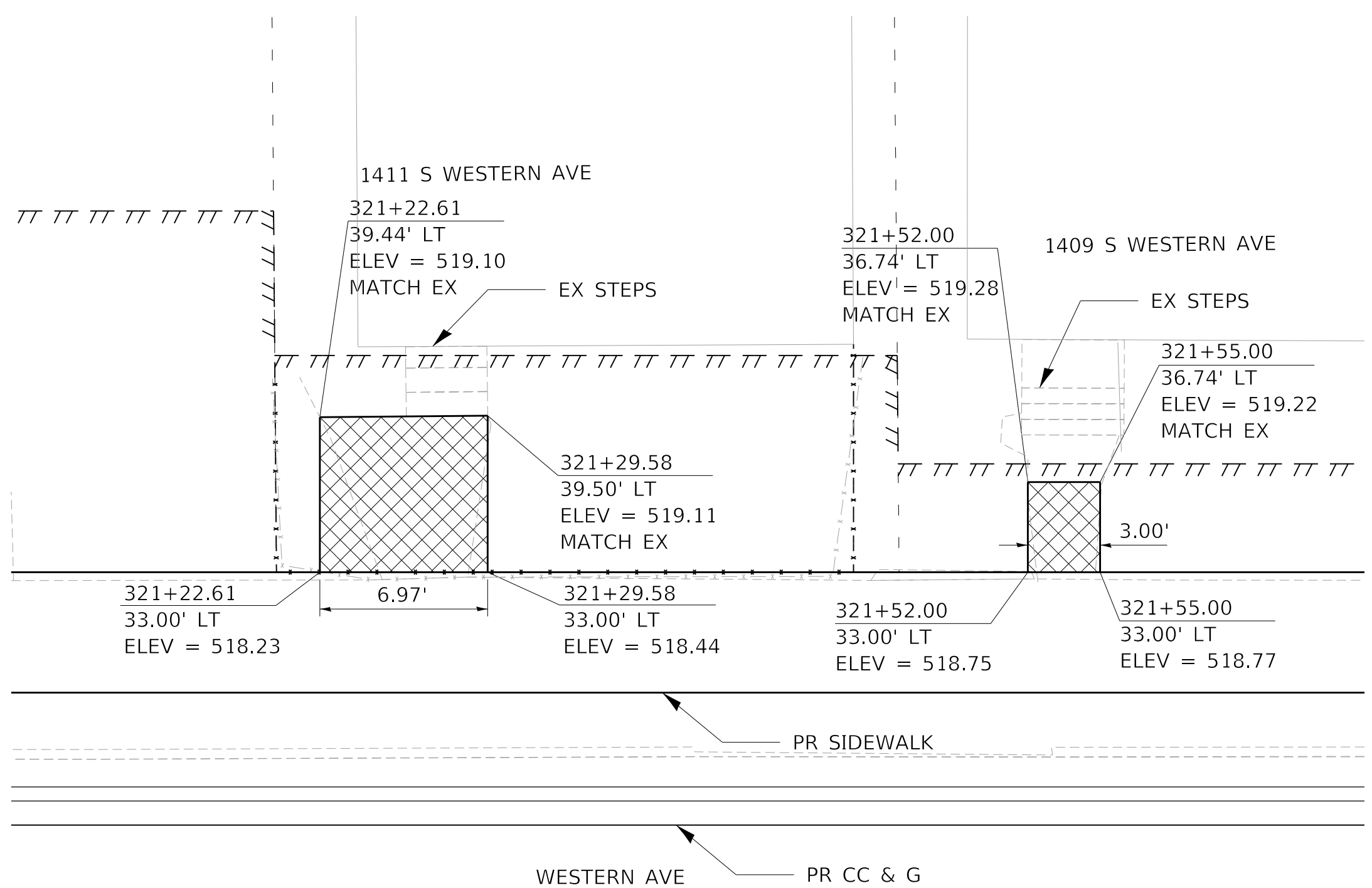
STEPS AND PROPERTY WALKWAY
 WESTERN AVE STA. 320+66 LT
 2 STEPS AT 0.58' RISE EACH
 12" TREADS

CONSTRUCT PER DETAIL 503201-D4
 (EXCEPT TREAD WIDTH AS NOTED HERE)

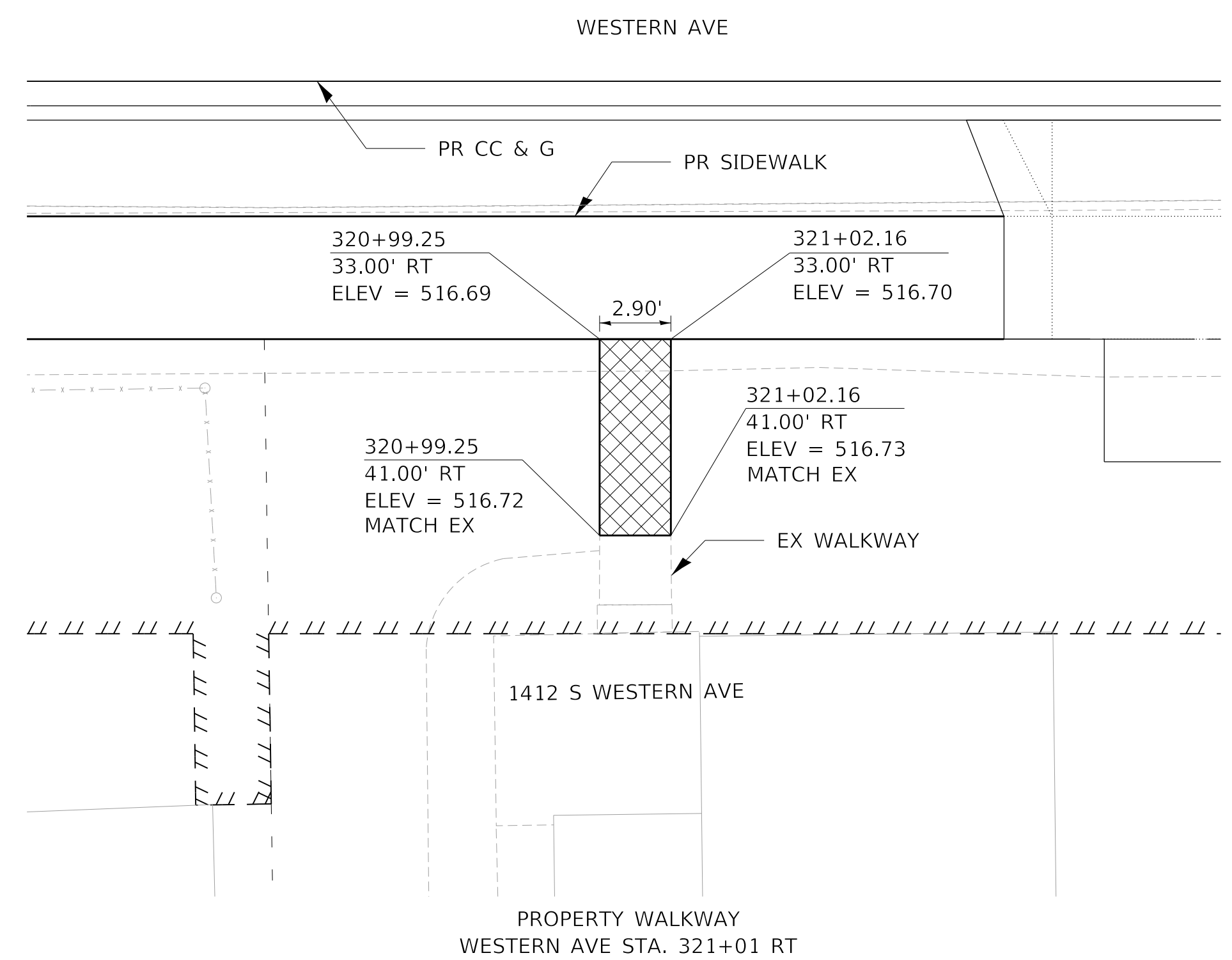


LEGEND

- PCC SIDEWALK 4"
- PIPE HANDRAIL
- CONCRETE STEPS
- TEMP. EASEMENT



PROPERTY WALKWAY
 WESTERN AVE STA. 321+25 LT
 WESTERN AVE STA. 321+53 LT



PROPERTY WALKWAY
 WESTERN AVE STA. 321+01 RT

MODEL: D:\default\TERRA\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-5-STEPS-04.dgn
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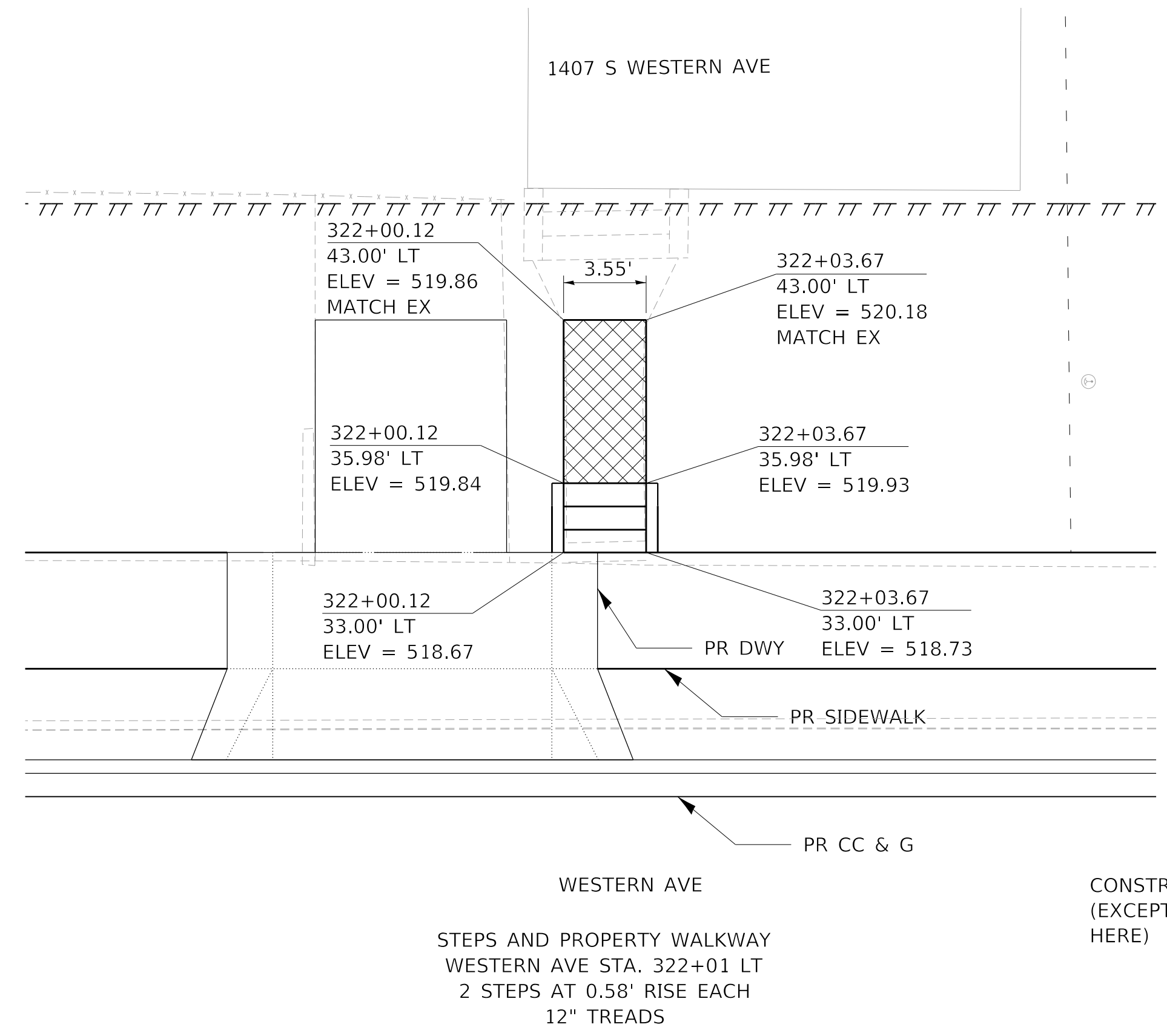
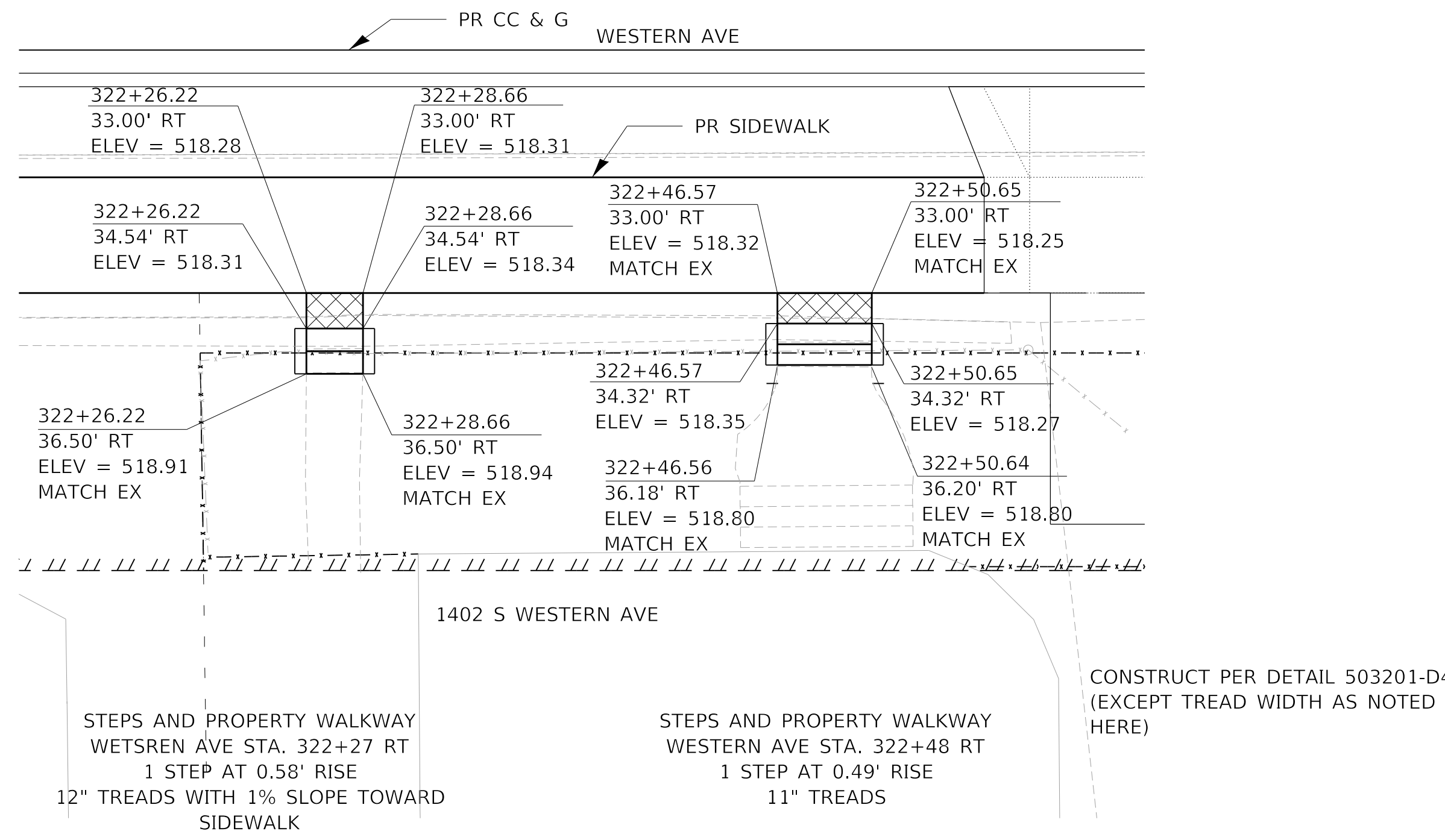
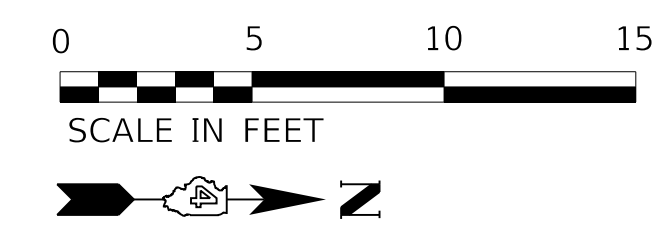
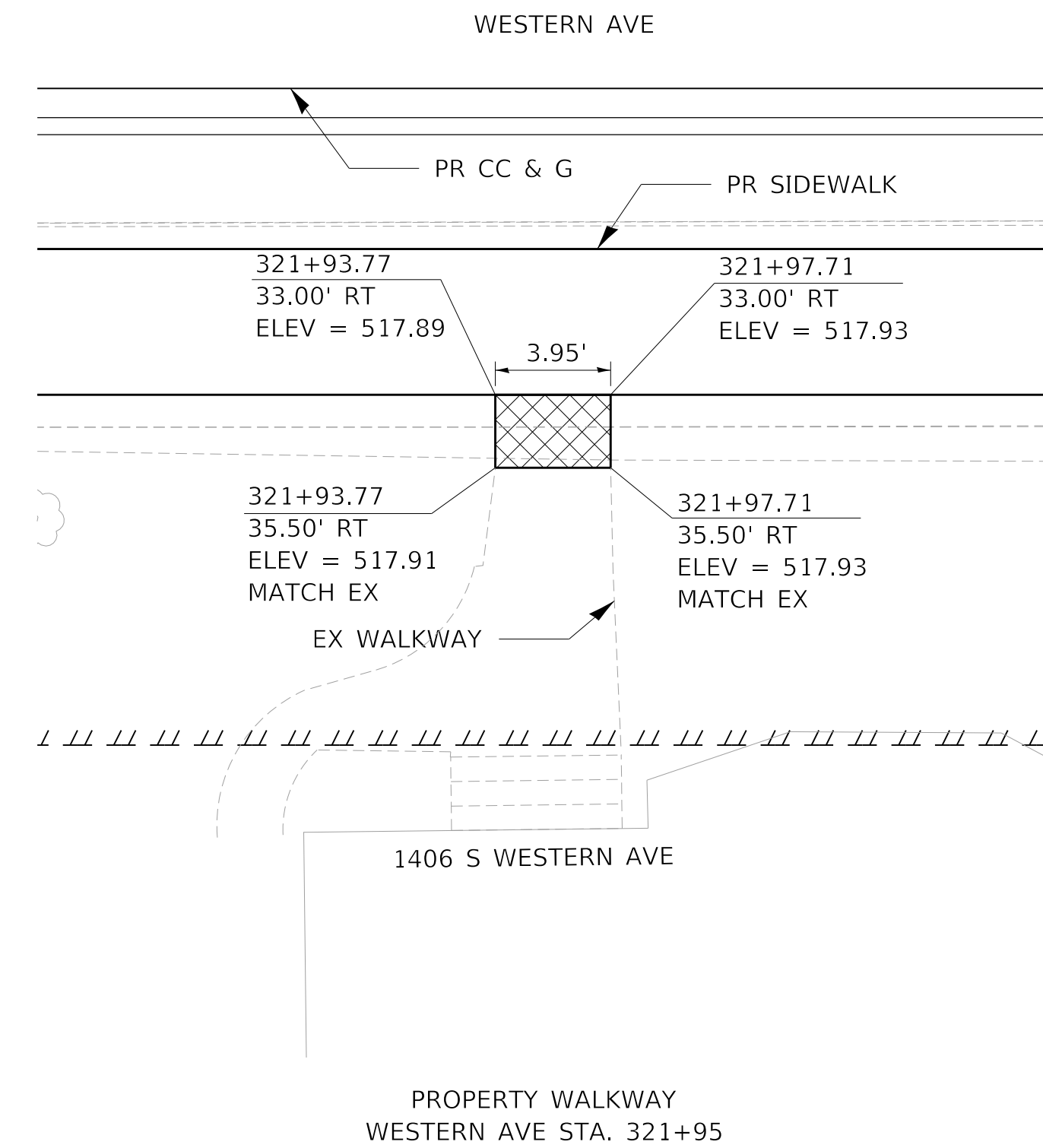
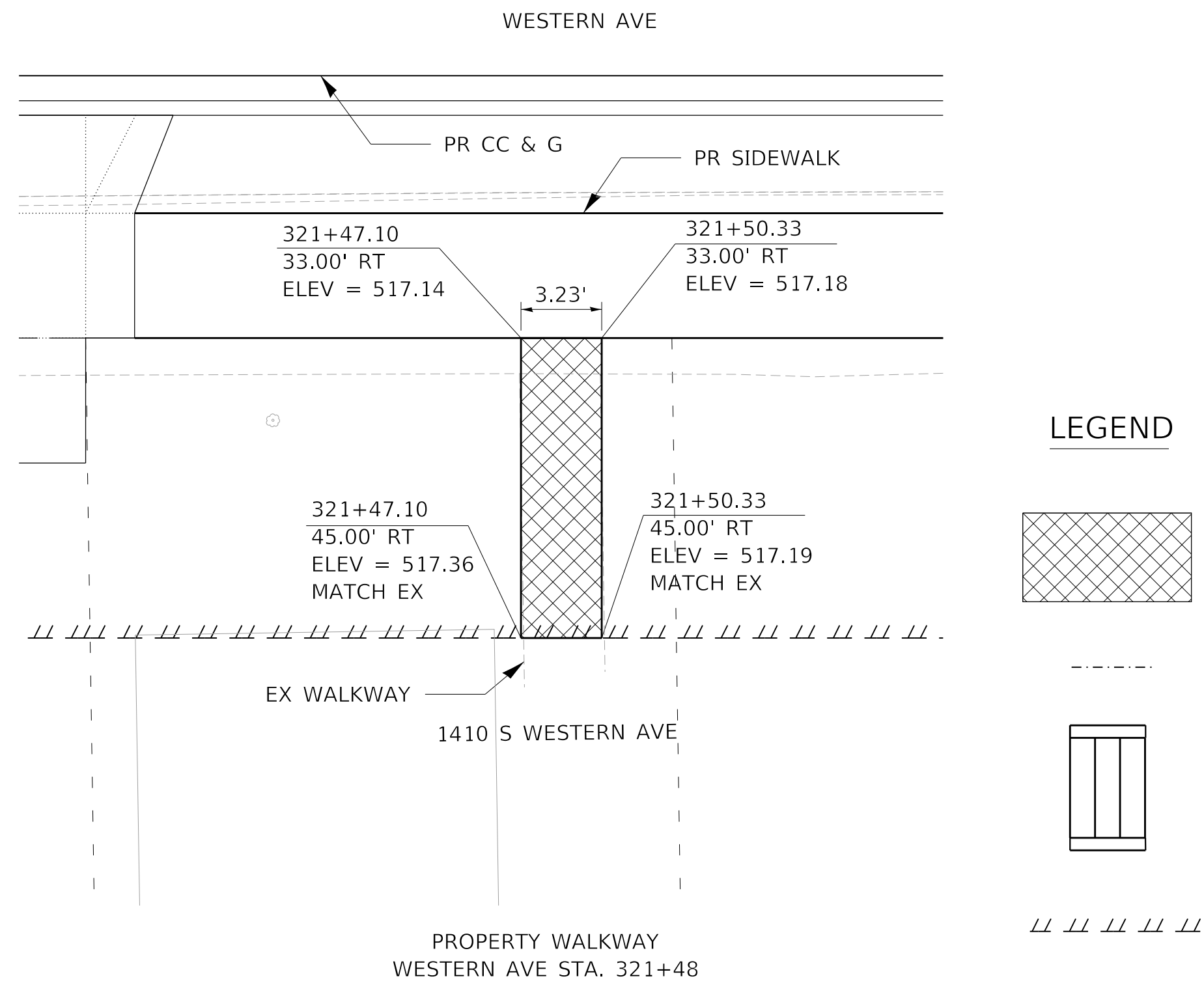
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| PLOT SCALE = 5.0000' / in. | CHECKED - CC | REVISED - |
| PLOT DATE = 2/24/2020 10:28:38 AM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STEPS AND PROPERTY WALKWAY PLAN
 WESTERN AVENUE**

SCALE: 1"=5' SHEET 4 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 227 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



MODEL: Default
 FILE NAME: I:\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-5-STEP-05.dgn



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| FILENAME = D416187005-SHT-5-STEP-05.dgn | DRAWN - AE |
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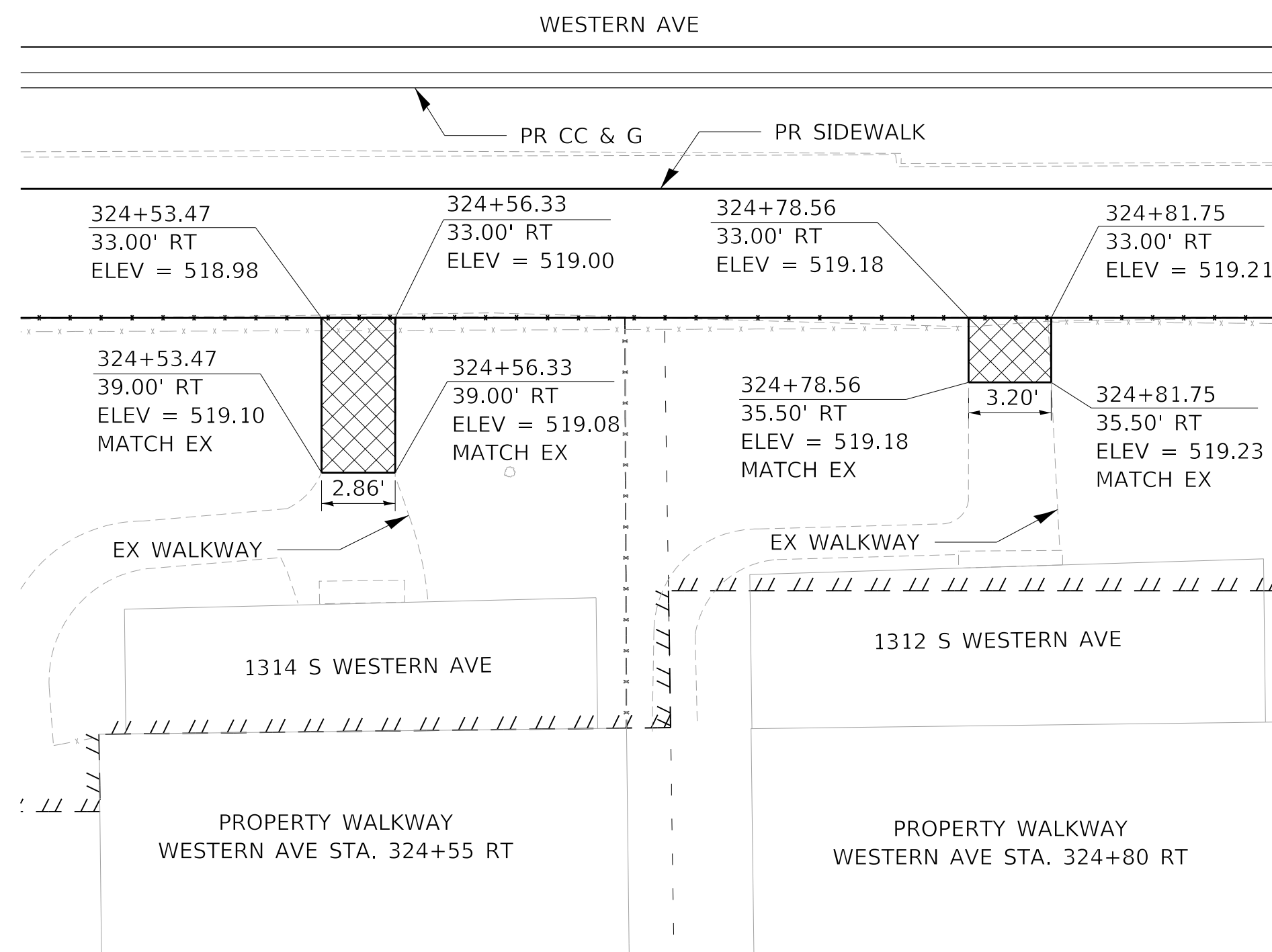
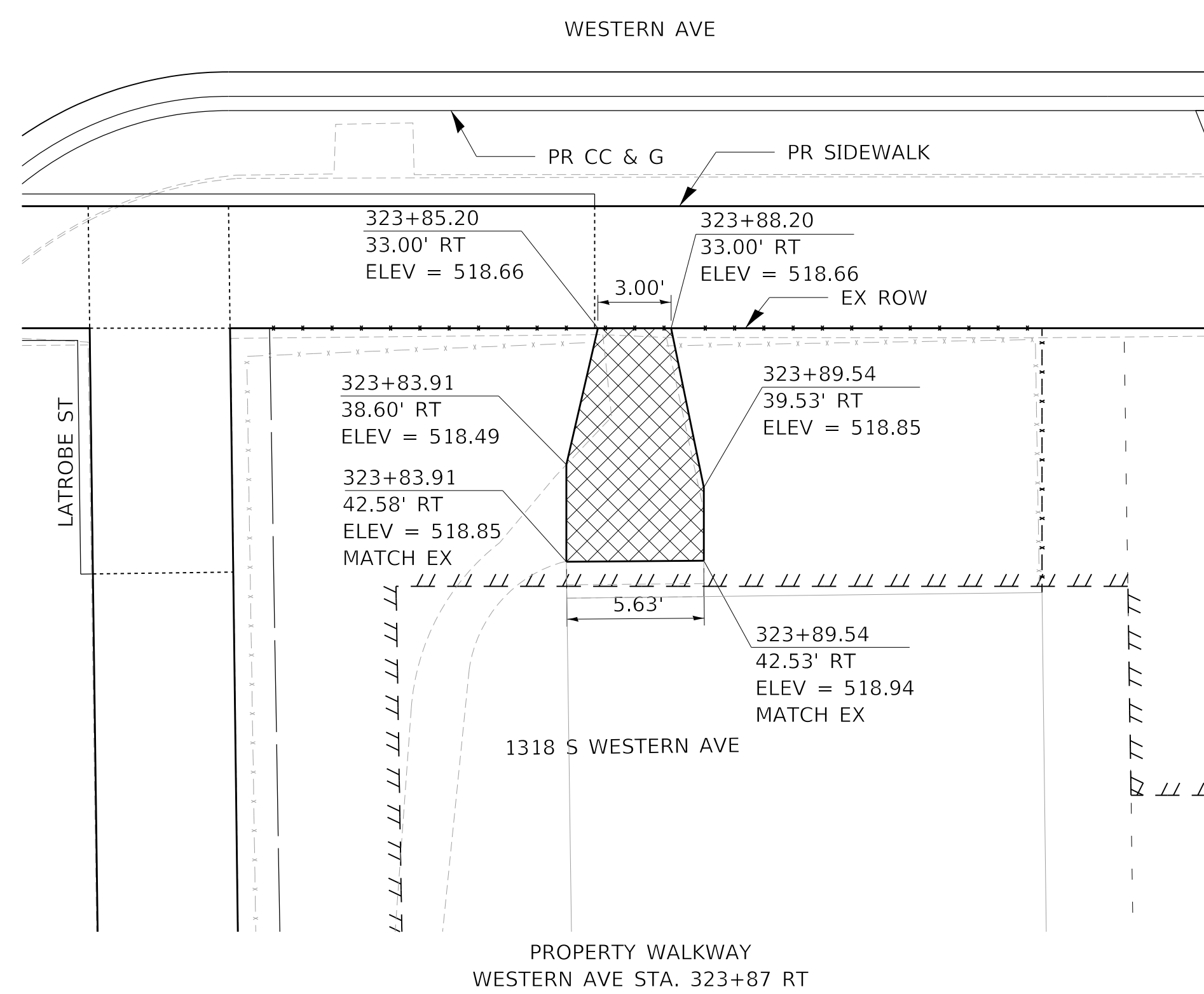
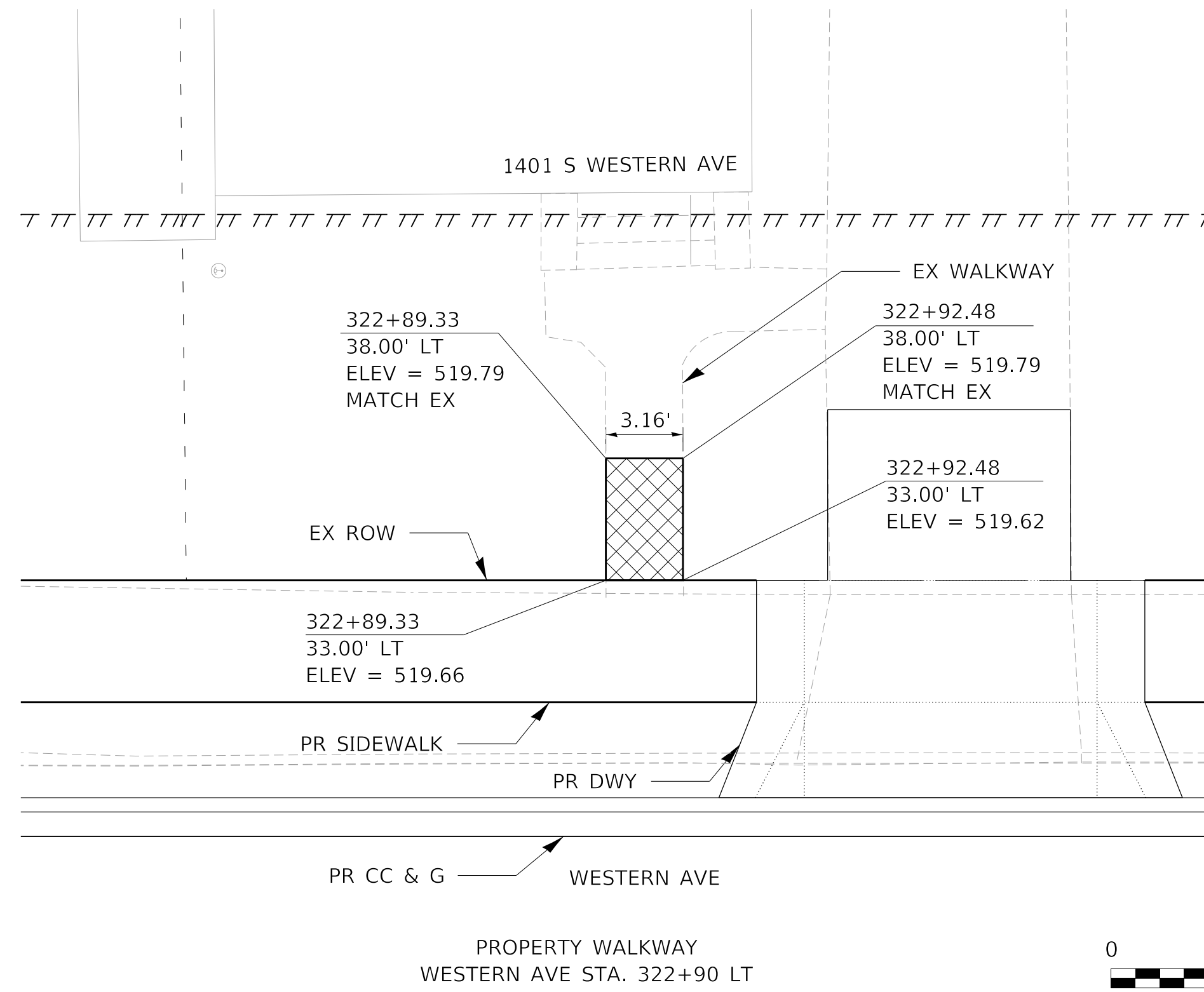
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| REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

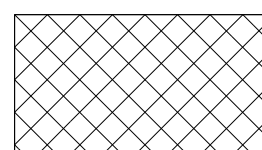
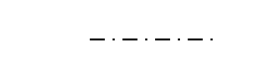
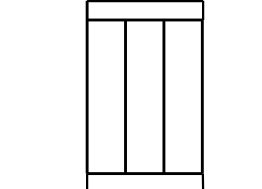
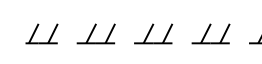
**STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE**

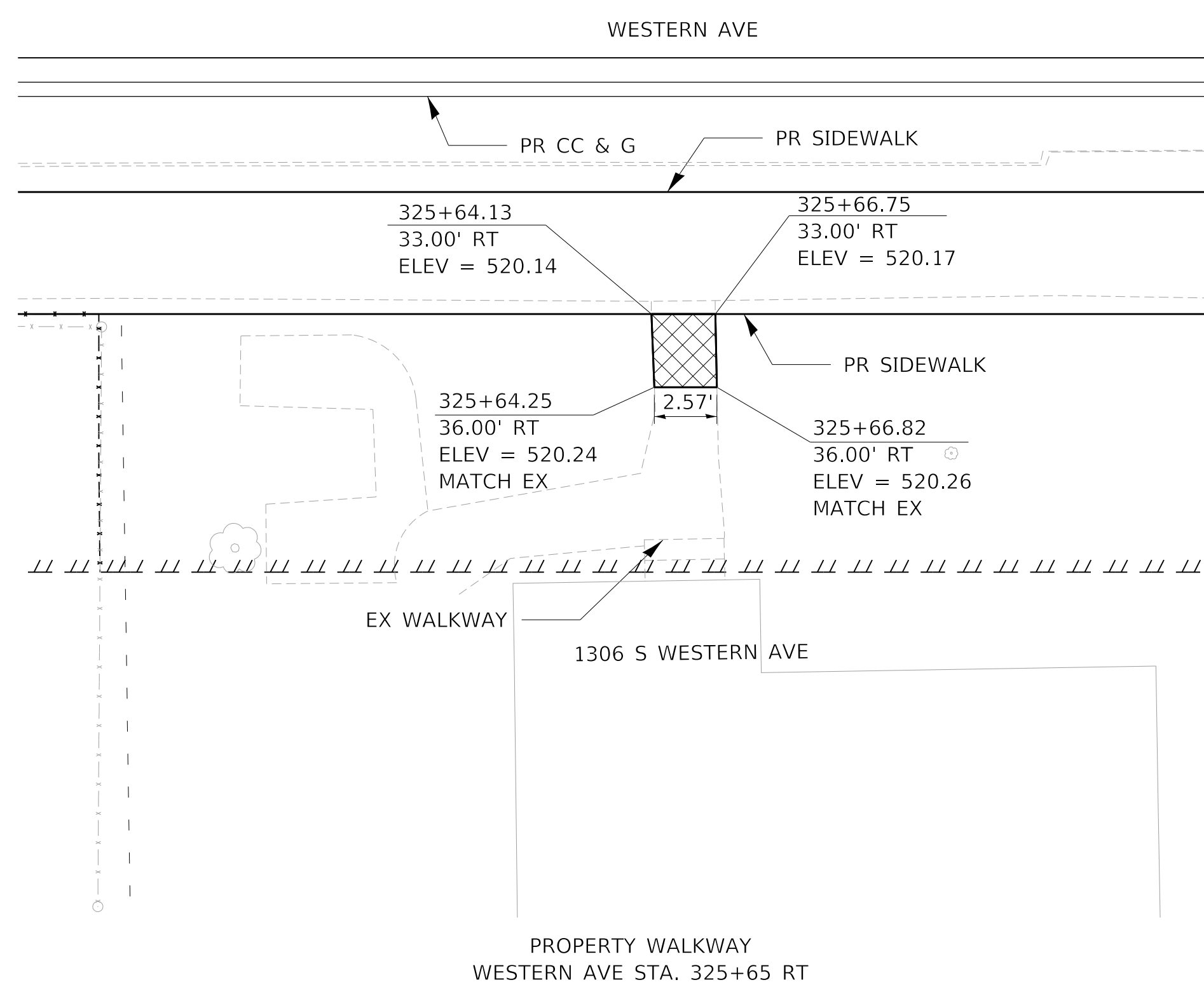
SCALE: 1"=5' SHEET 5 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 228 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

-  PCC SIDEWALK 4"
-  PIPE HANDRAIL
-  CONCRETE STEPS
-  TEMP. EASEMENT



MODEL: D:\default; FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-STEPS-06.dgn



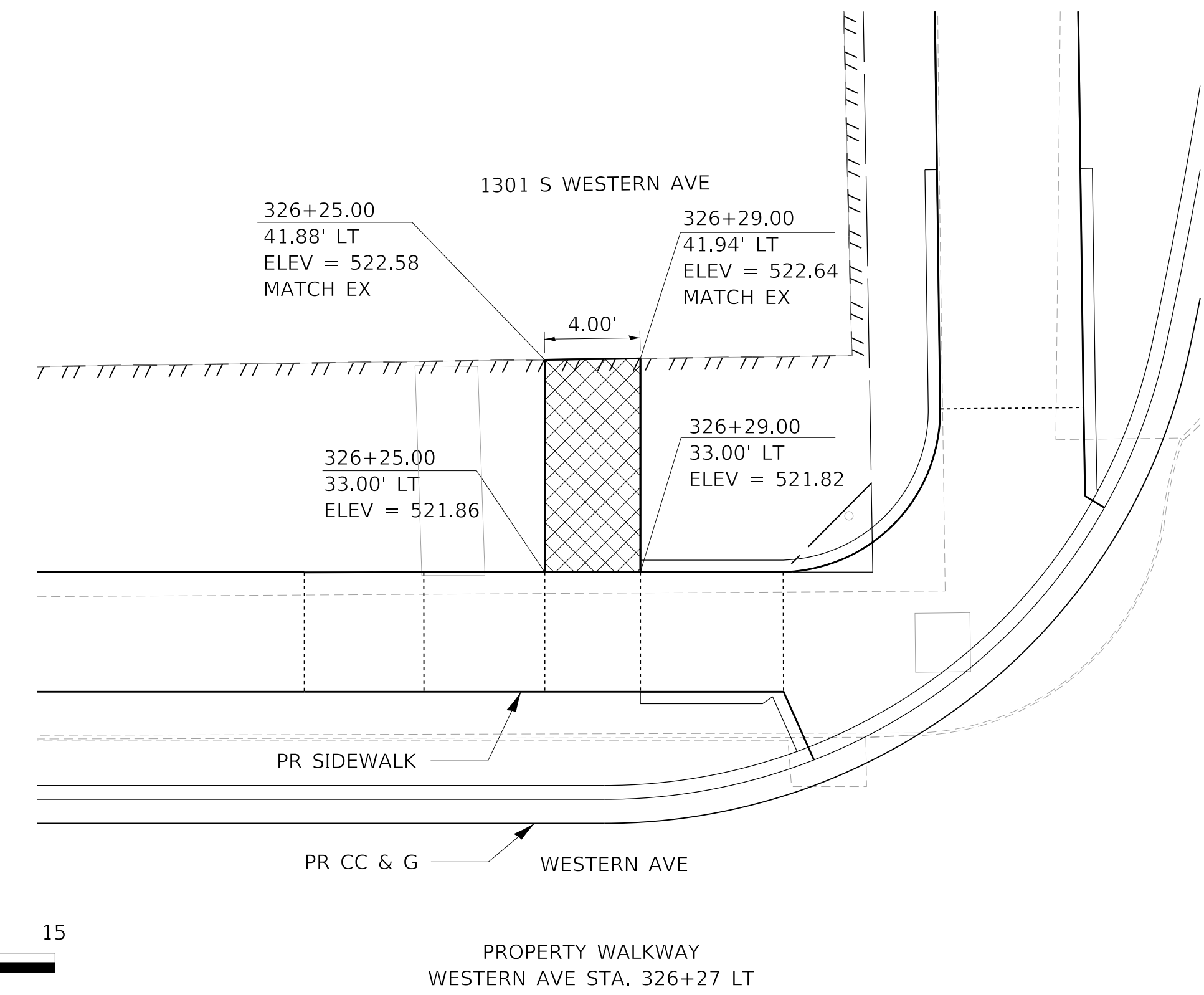
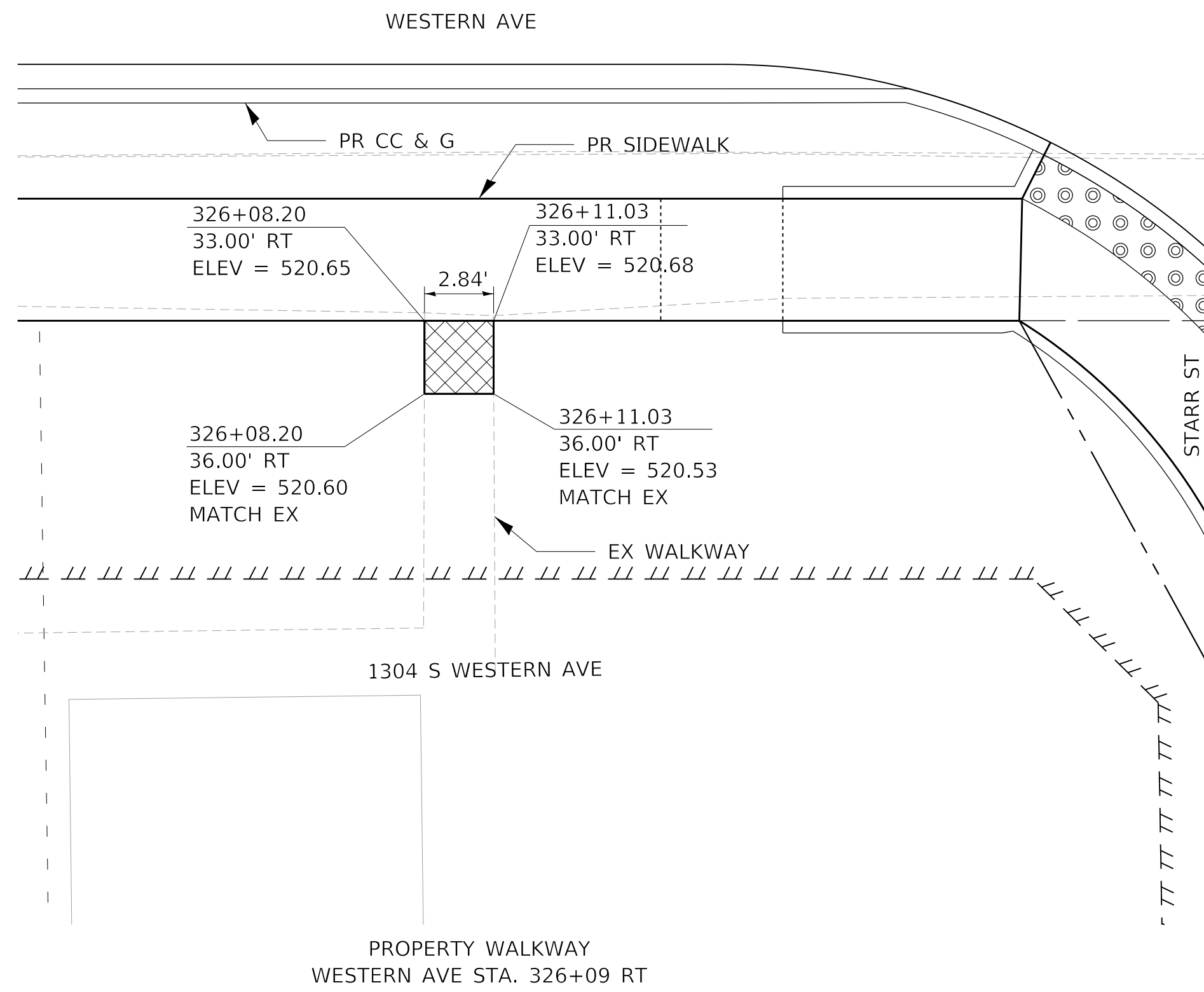
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| PLOT SCALE | = 5.0000' / 1 in. | CHECKED | - CC | REVISED | - |
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

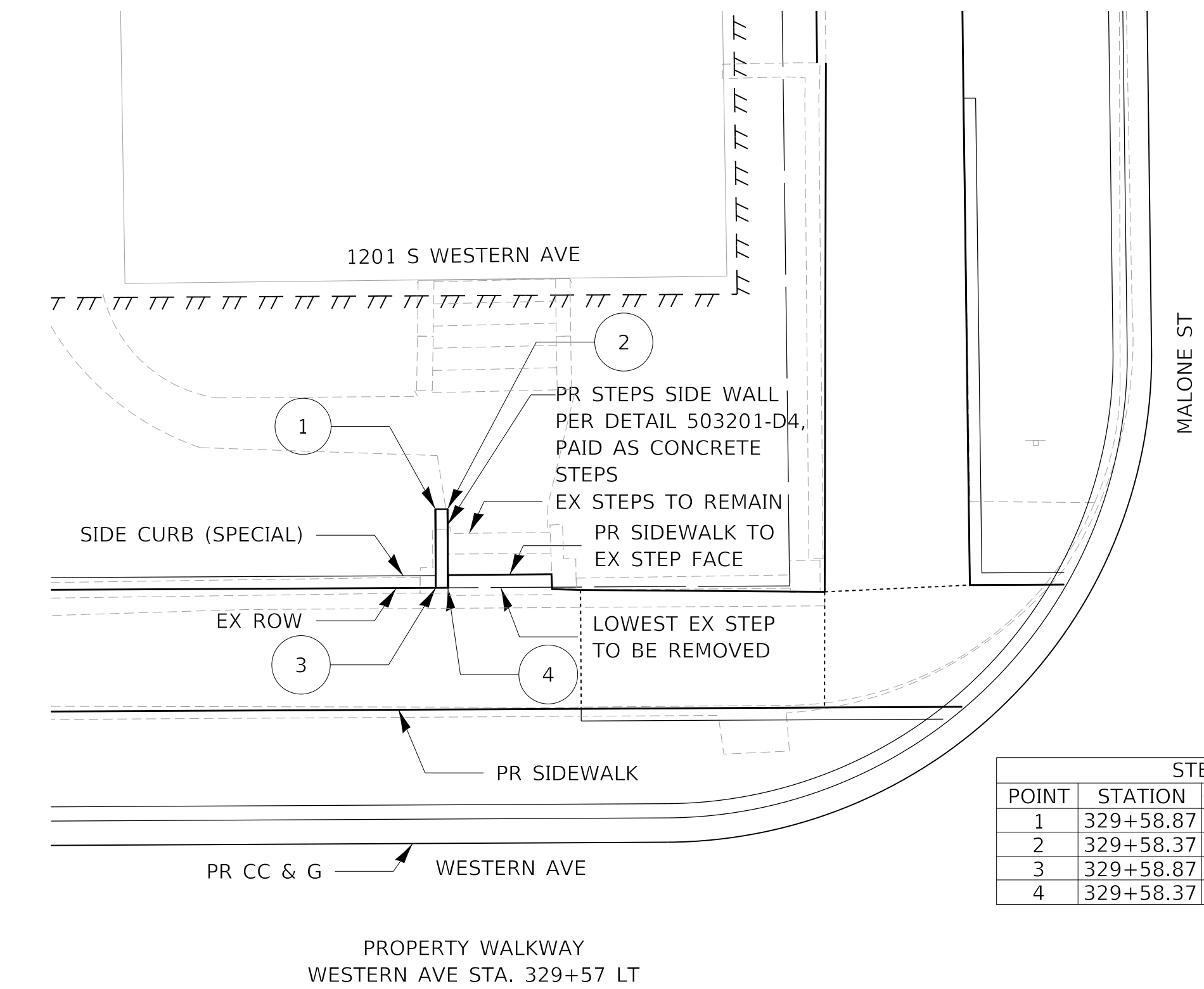
STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE

SCALE: 1"=5' SHEET 6 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|---------------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 229 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| | | ILLINOIS FED. AID PROJECT | | |



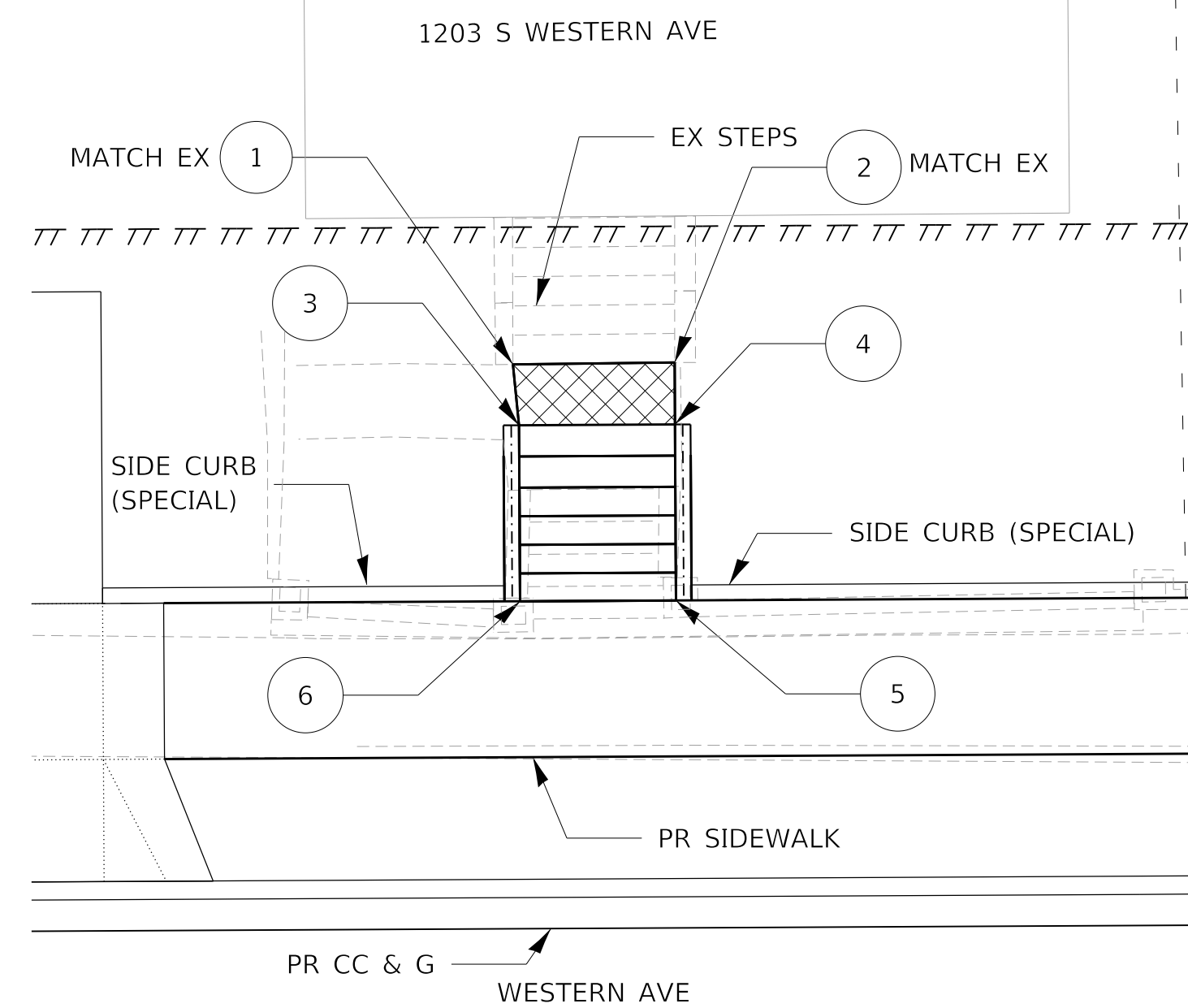
- NOTES:
1. CONSTRUCT STEPS SIDE WALL AT HEIGHT TO MATCH ADJOINING SIDE CURB (SPECIAL)
2. SEE SIDE CURB (SPECIAL) DETAILS AND PLANS



| STEPS 329+57 LT | | | | |
|-----------------|-----------|--------|-------|-------------|
| POINT | STATION | OFFSET | LT/RT | T/SIDE WALL |
| 1 | 329+58.87 | 36.23 | LT | 526.96 |
| 2 | 329+58.37 | 36.23 | LT | 526.96 |
| 3 | 329+58.87 | 33.00 | LT | 526.63 |
| 4 | 329+58.37 | 33.00 | LT | 526.63 |

| STEPS 329+20 LT | | | | |
|-----------------|-----------|--------|-------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. |
| 1 | 329+17.31 | 40.60 | LT | 527.55 |
| 2 | 329+22.50 | 40.63 | LT | 527.53 |
| 3 | 329+17.50 | 38.65 | LT | 527.53 |
| 4 | 329+22.50 | 38.65 | LT | 527.55 |
| 5 | 329+22.50 | 33.00 | LT | 524.95 |
| 6 | 329+17.50 | 33.00 | LT | 524.91 |

- NOTES:
1. SEE DETAIL 503201-D4
2. MATCH PROPOSED SIDE WALL HEIGHTS TO ADJOINING SIDE CURB (SPECIAL)
3. SEE SIDE CURB (SPECIAL) DETAILS AND PLANS



STEPS AND PROPERTY WALKWAY
WESTERN AVE STA. 329+20 LT
5 STEPS AT 0.52' RISE EACH
11" TREADS

LEGEND

- PCC SIDEWALK 4"
- PIPE HANDRAIL
- CONCRETE STEPS
- TEMP. EASEMENT

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16187005-SHT-STEPS-07.dgn



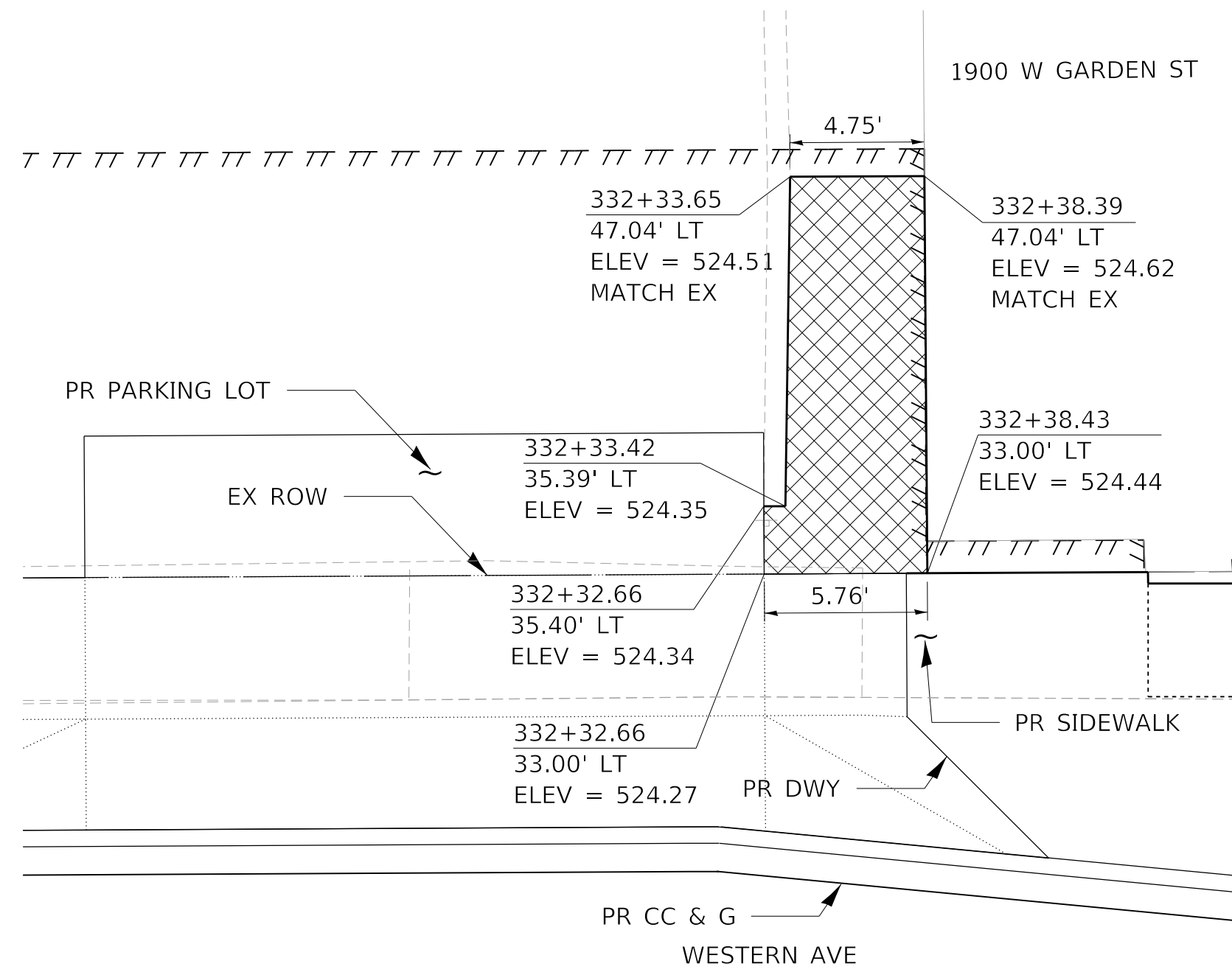
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

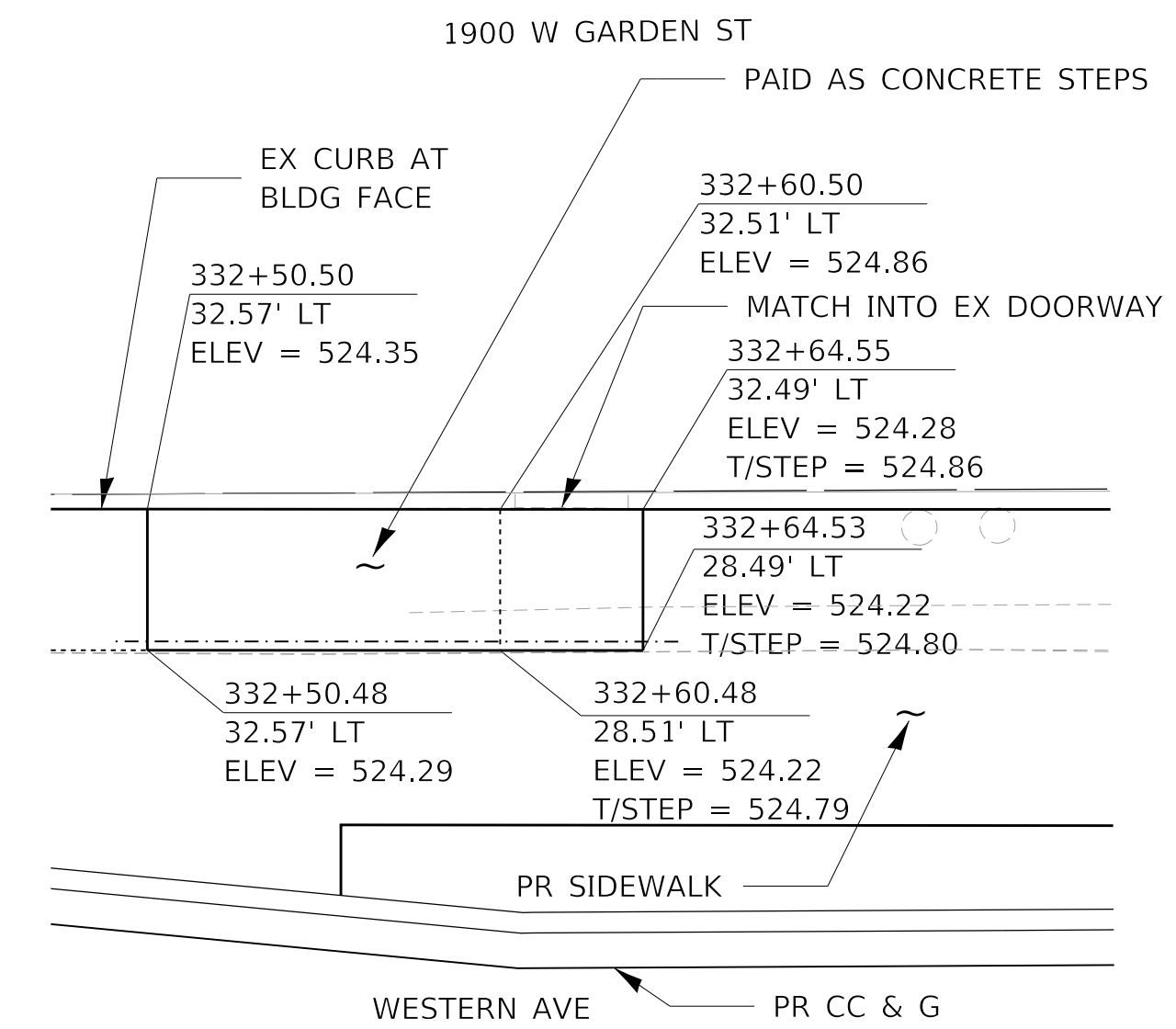
STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE

SCALE: 1"=5' SHEET 7 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 230 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



PROPERTY WALKWAY
WESTERN AVE STA. 332+35 LT

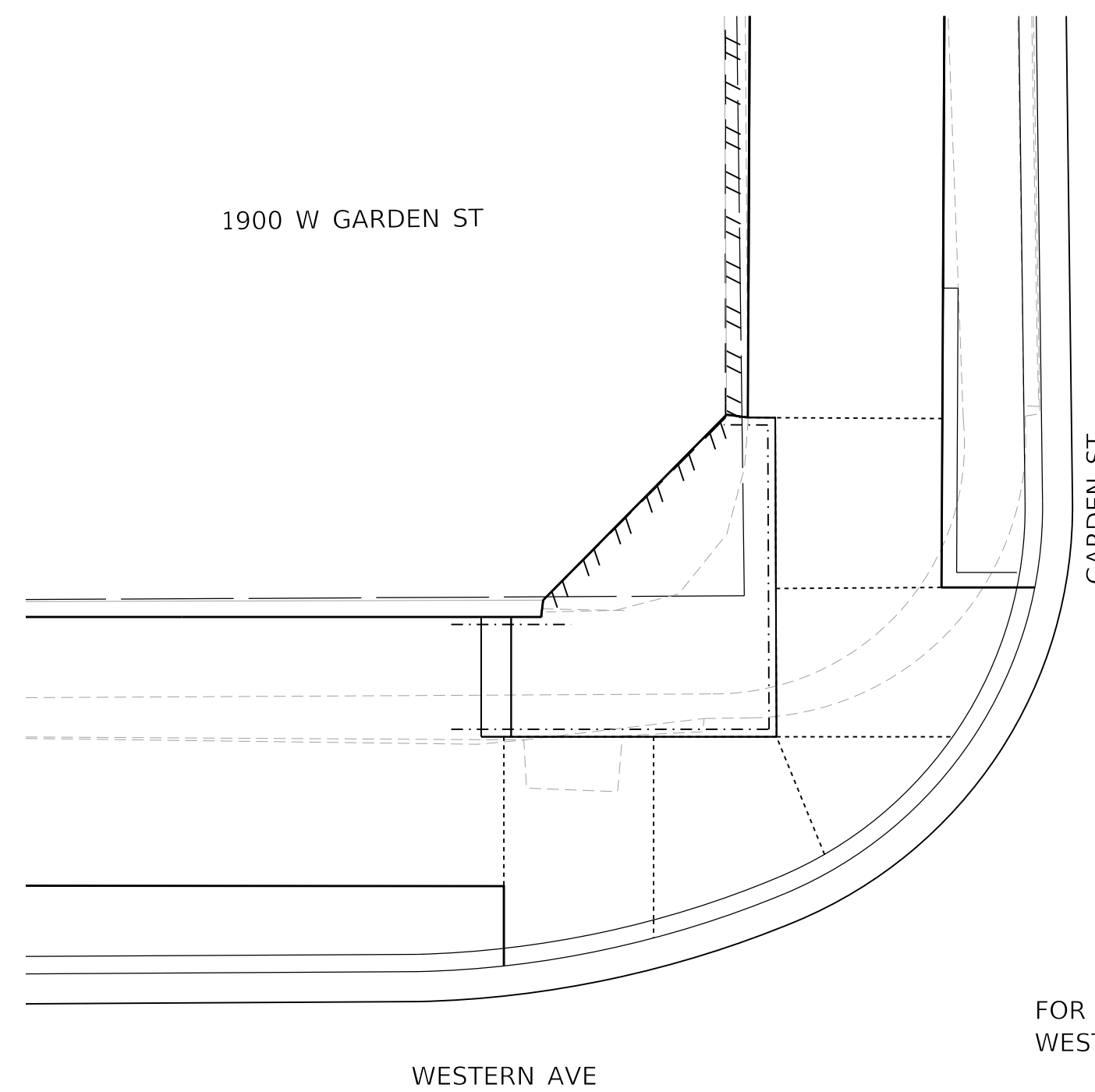


STEP AND PROPERTY WALKWAY
WESTERN AVE STA. 332+55 LT
1 STEP AT 0.58' RISE



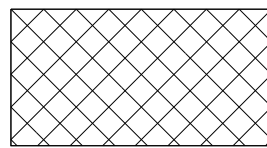
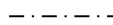

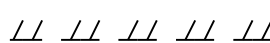
NOTES:

- HANDRAIL TO BE CONSTRUCTED ACCORDING TO DETAIL 503201-D4
- DOORWAY RAMP AND STEP TO BE CONSTRUCTED OF PCC OF VARIABLE THICKNESS. ANCHORAGE OF HANDRAIL PER D4 STANDARD 503201-D4 EITHER MIN. 9" THICK CONCRETE FOR CIP OR MIN. 7" THICK FOR POST INSTALLED ANCHORS.



FOR PROPOSED STEPS TO 1900 W GARDEN ST (SW CORNER OF WESTERN & GARDEN) SEE ACCESSIBLE RAMP SYSTEM PLANS

LEGEND

-  PCC SIDEWALK 4"
-  PIPE HANDRAIL
-  CONCRETE STEPS
-  TEMP. EASEMENT

MODEL: D:\default\TERRA\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-STEPS-08.dgn



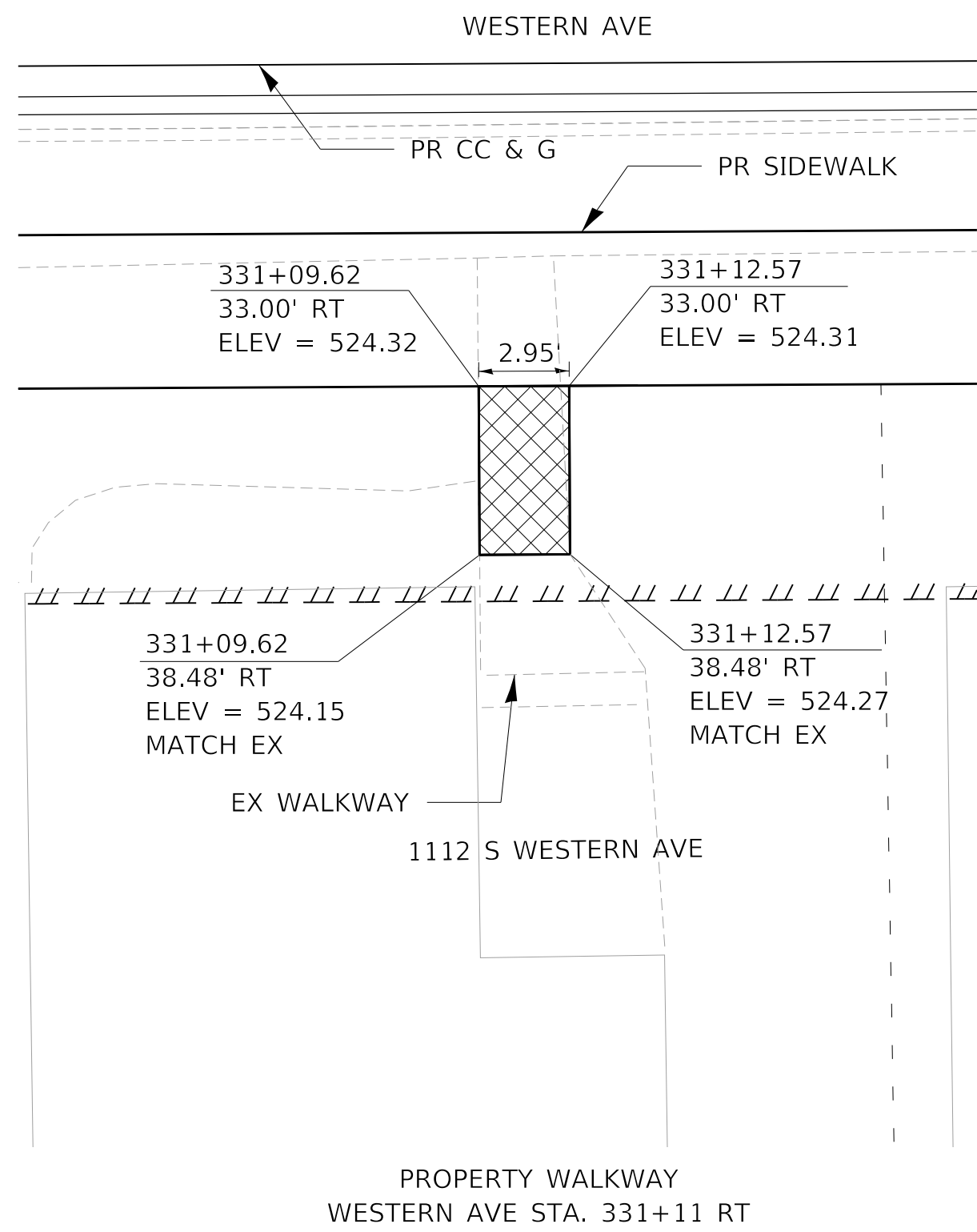
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

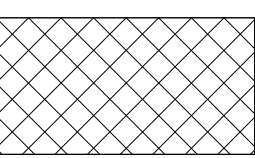
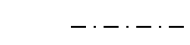
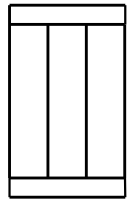

STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE

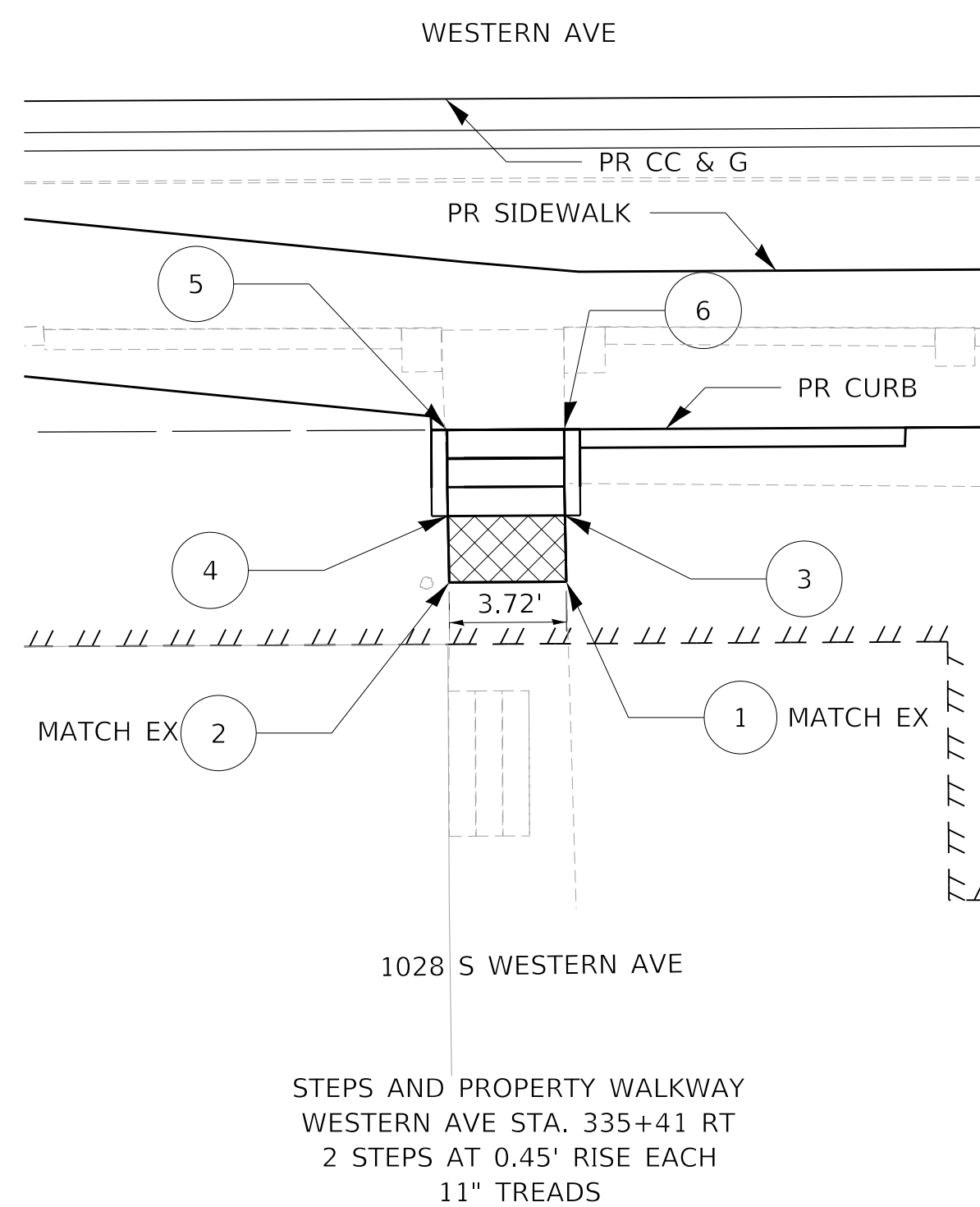
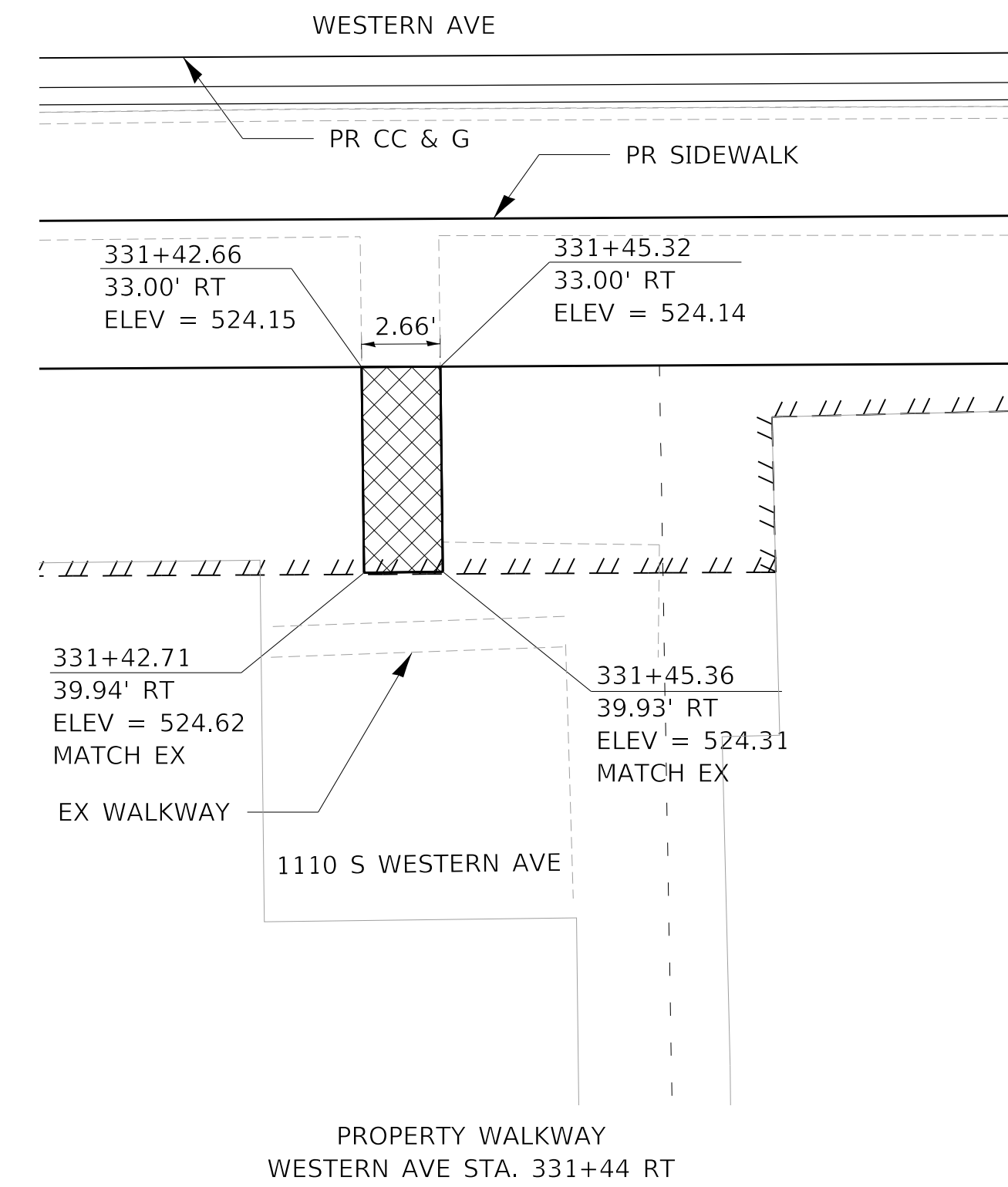
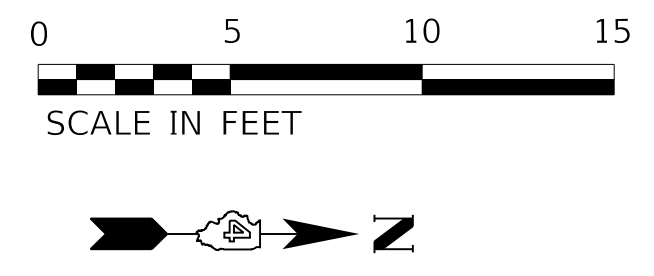
SCALE: 1"=5' SHEET 8 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 231 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



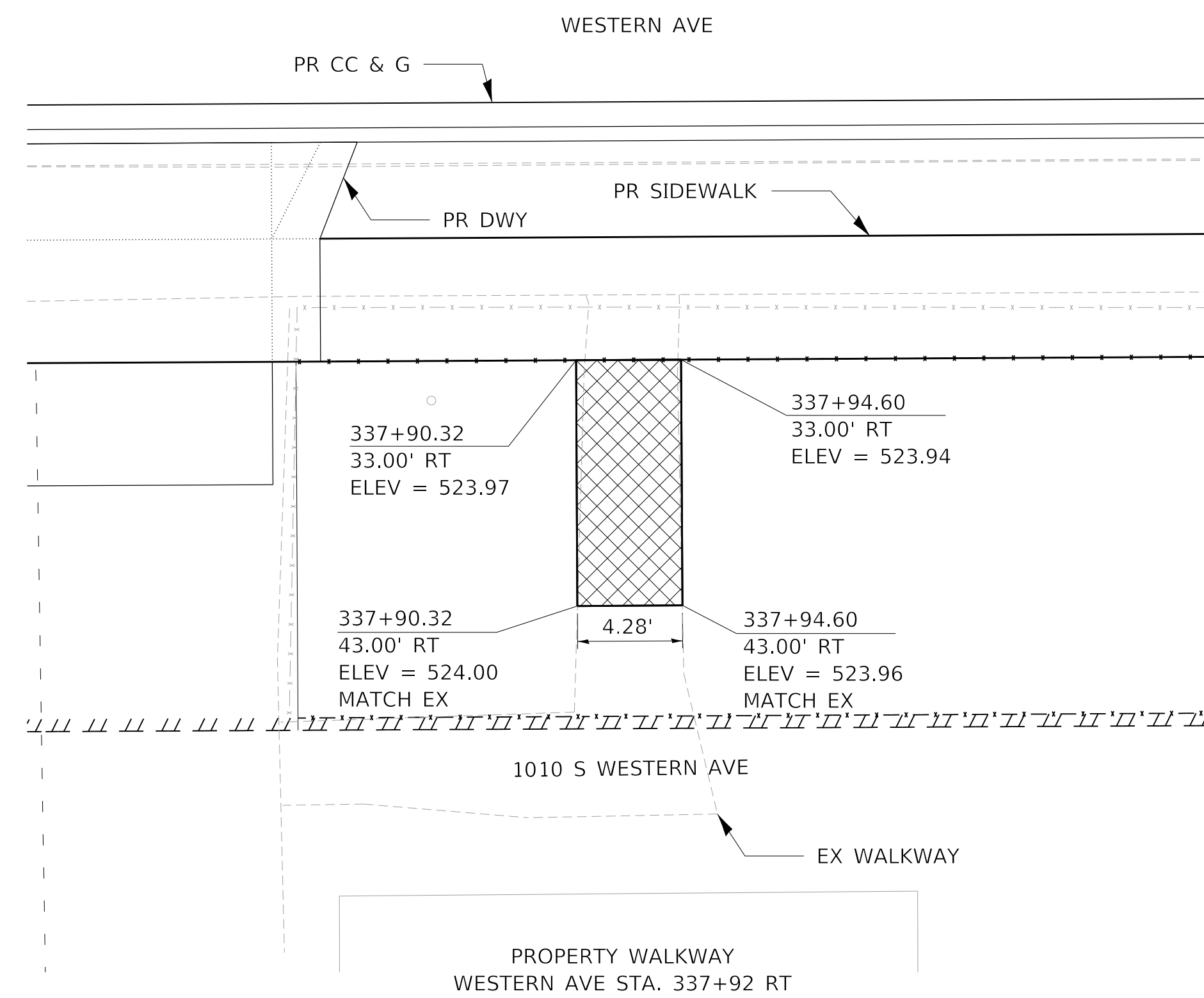
LEGEND

-  PCC SIDEWALK 4"
-  PIPE HANDRAIL
-  CONCRETE STEPS
-  TEMP. EASEMENT



| STEPS 335+41 | | | | |
|--------------|-----------|--------|-------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. |
| 1 | 335+43.23 | 37.83 | RT | 524.78 |
| 2 | 335+39.51 | 37.83 | RT | 524.85 |
| 3 | 335+43.19 | 35.73 | RT | 524.77 |
| 4 | 335+39.49 | 35.73 | RT | 524.75 |
| 5 | 335+39.47 | 33.00 | RT | 524.85 |
| 6 | 335+43.19 | 33.00 | RT | 524.87 |

- NOTES:**
- SEE DETAIL 503201-D4 FOR STEPS DETAILS
 - MATCH STEPS SIDE WALL ON NORTH SIDE TO HEIGHT OF PROPOSED ADJOINING CURB



MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-5-STEPS-09.dgn



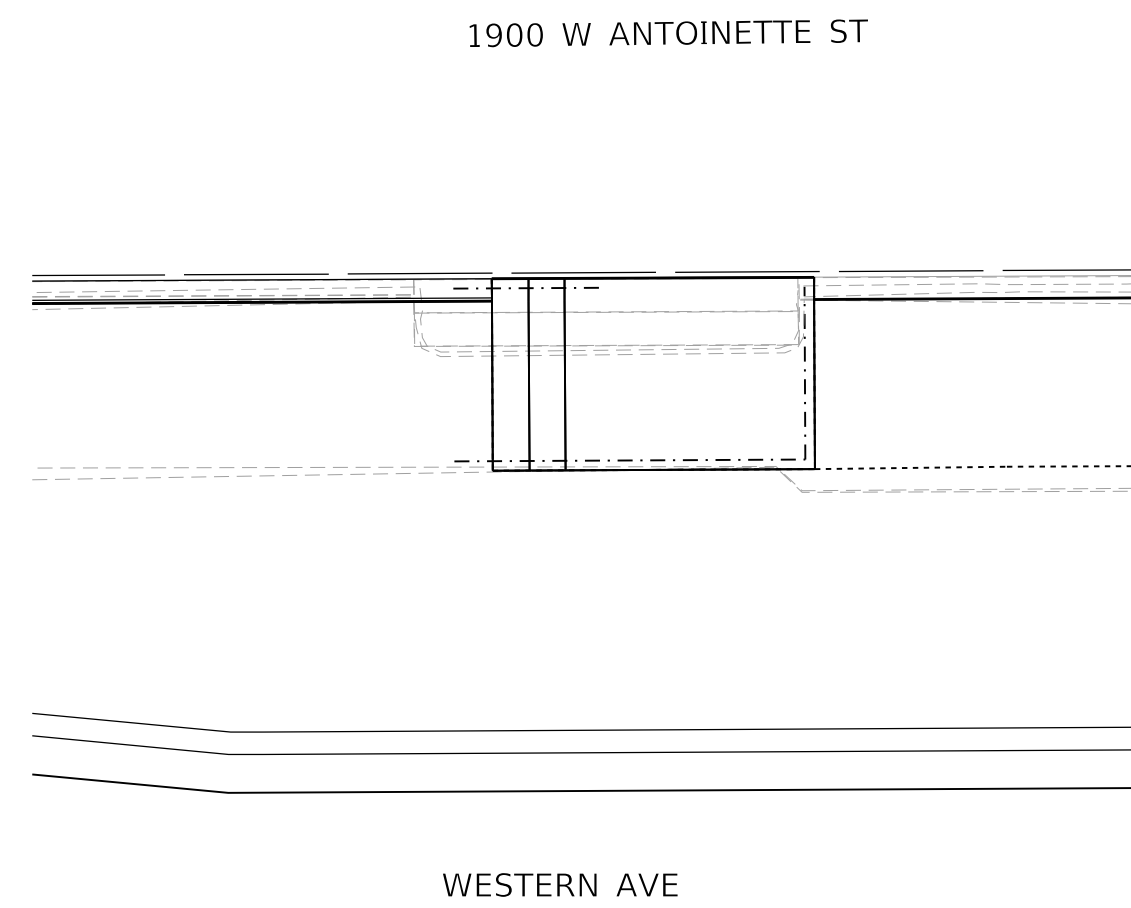
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

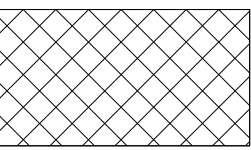
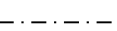
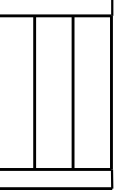
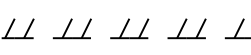
**STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE**

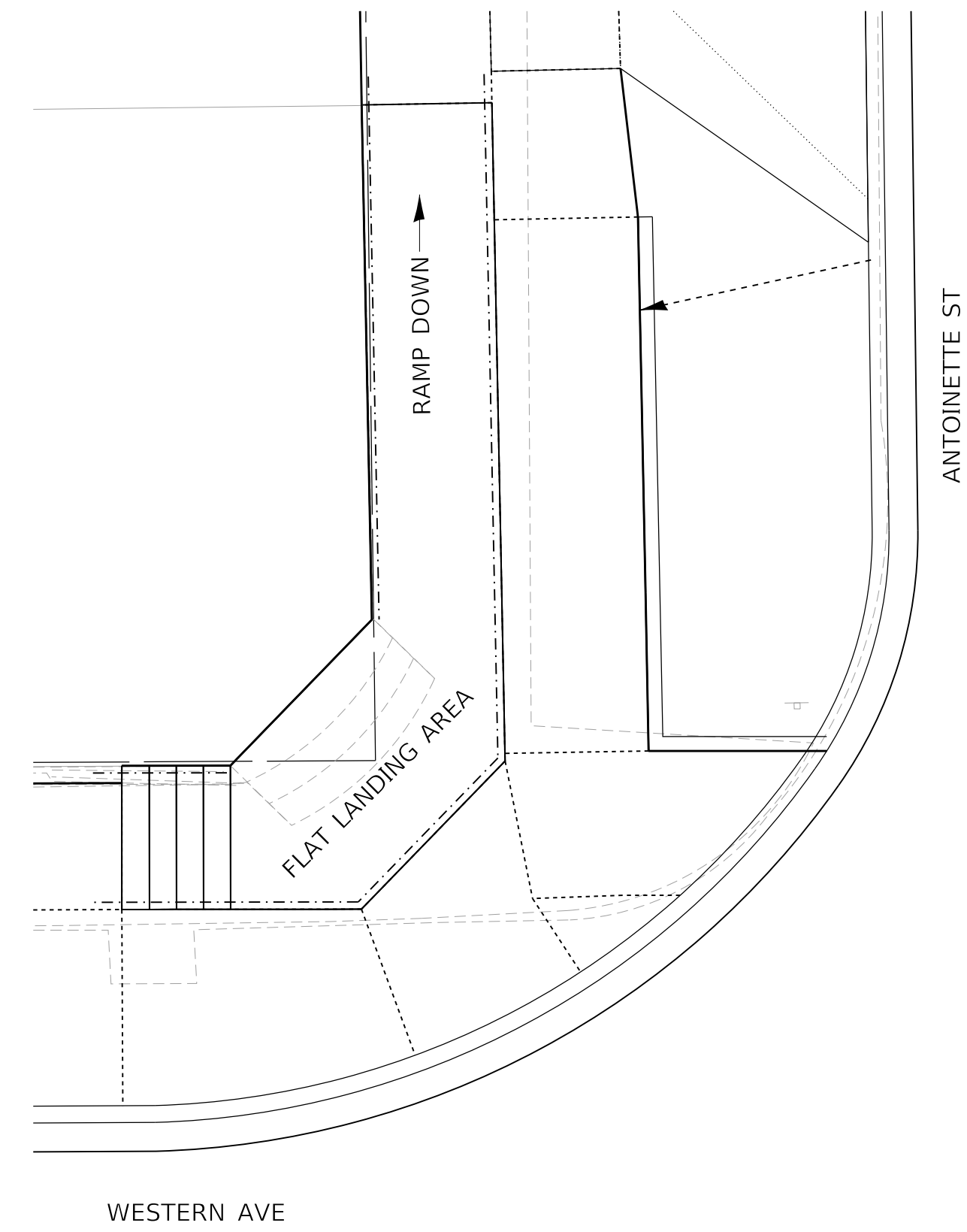
SCALE: 1"=5' SHEET 9 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 232 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

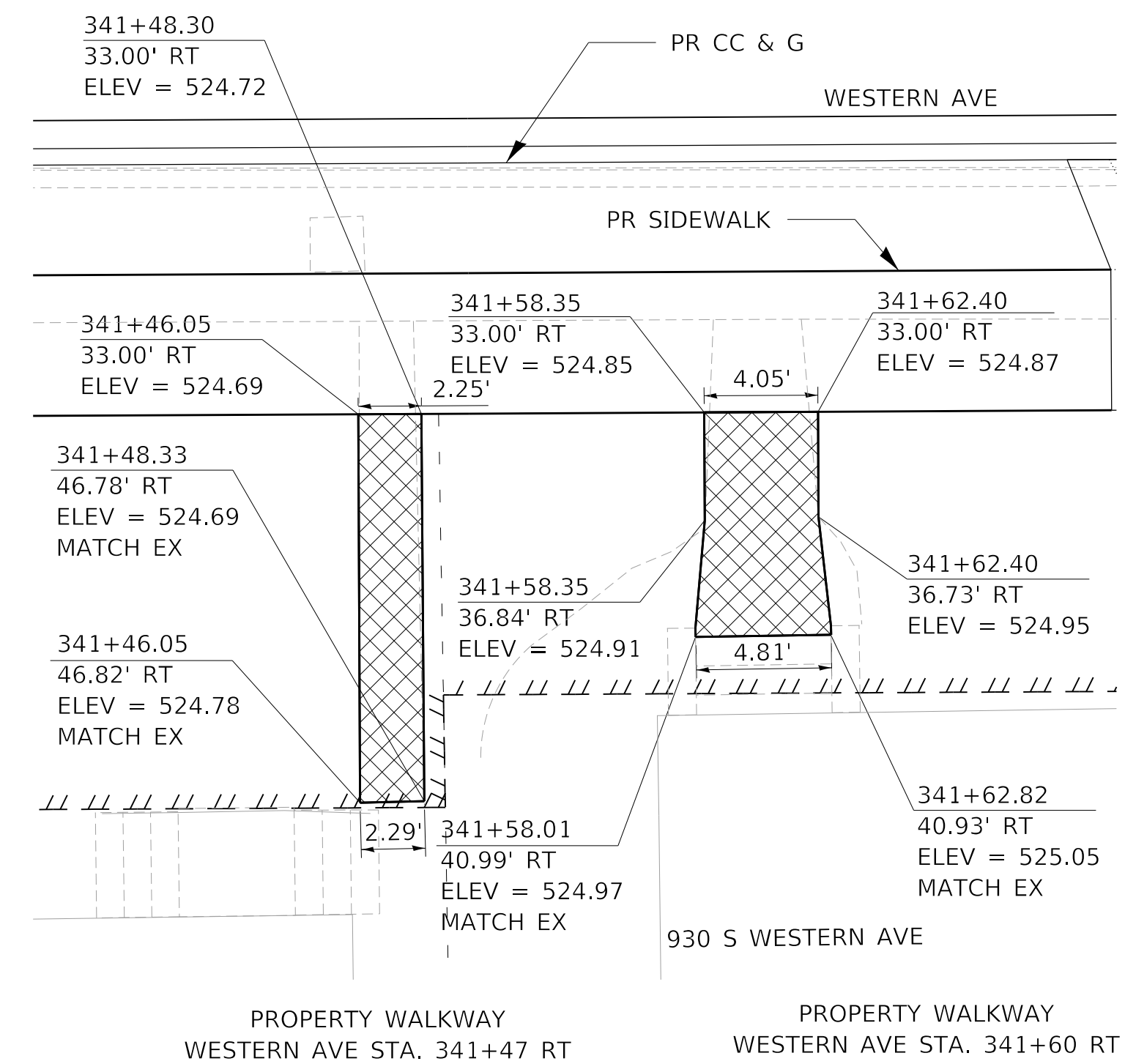
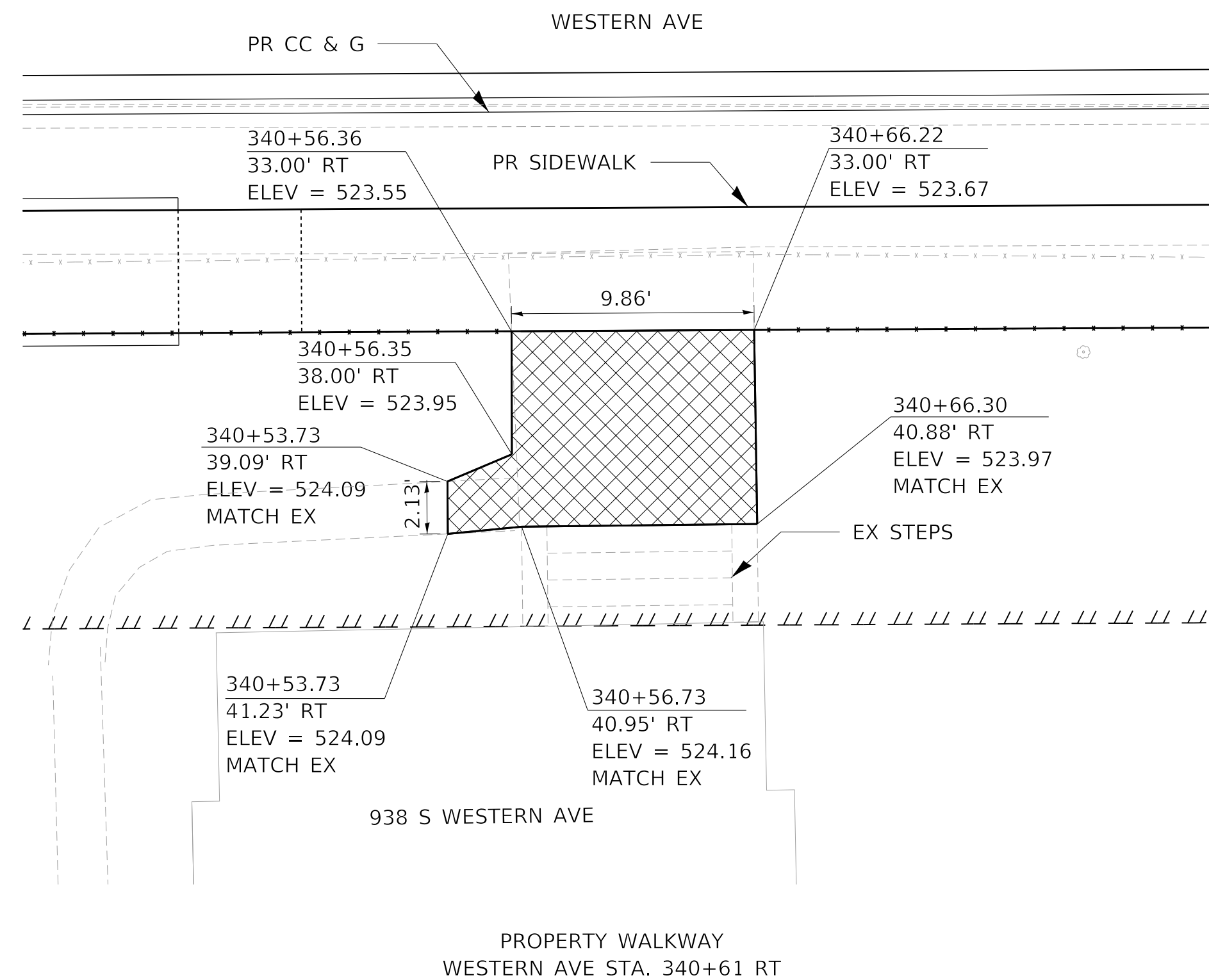


FOR PROPOSED STEPS TO 1900 W ANTOINETTE ST (SIDE DOOR NEAR STA. 339+25) SEE ACCESSIBLE RAMP SYSTEM PLANS.

- LEGEND**
-  PCC SIDEWALK 4"
 -  PIPE HANDRAIL
 -  CONCRETE STEPS
 -  TEMP. EASEMENT



FOR PROPOSED STEPS AND RAMP TO 1900 W ANTOINETTE ST (CORNER ENTRANCE, SW CORNER OF WESTERN & ANTOINETTE) SEE ACCESSIBLE RAMP SYSTEM PLANS.



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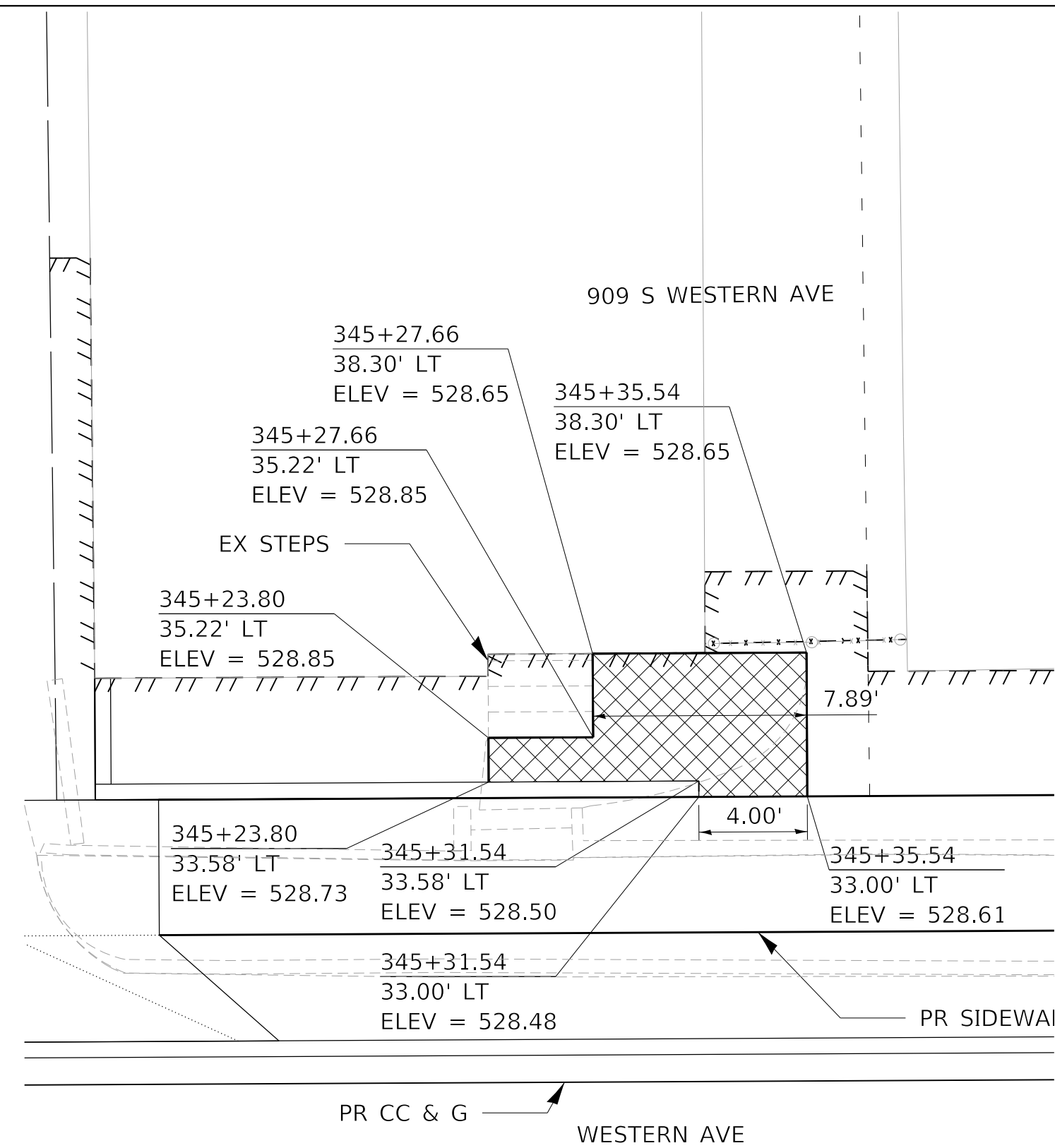
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

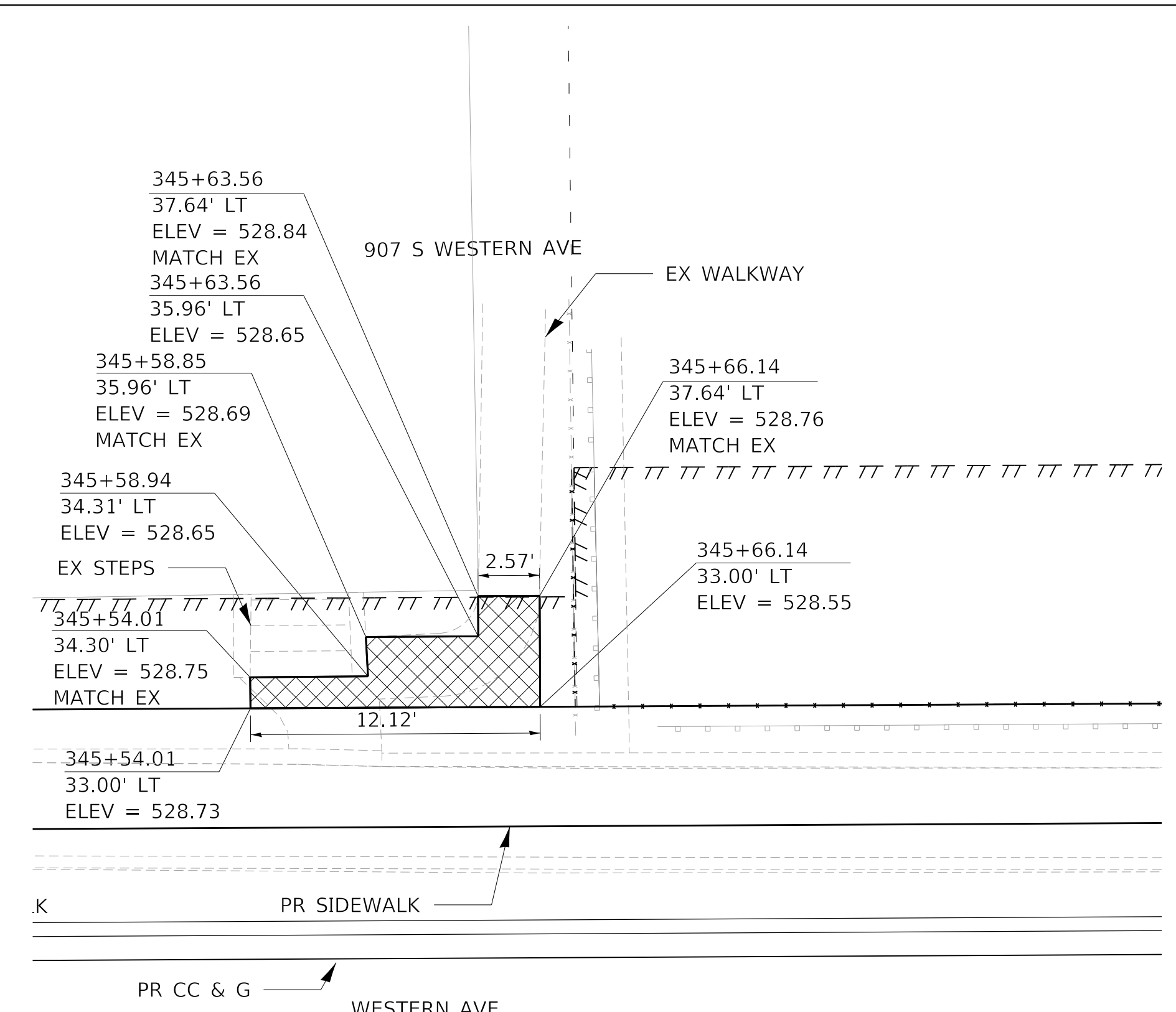
**STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE**

SCALE: 1"=5' SHEET 10 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 233 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

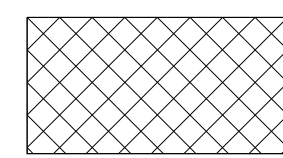
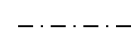
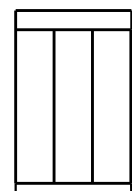
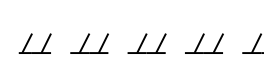


PROPERTY WALKWAY
WESTERN AVE STA. 345+30 LT



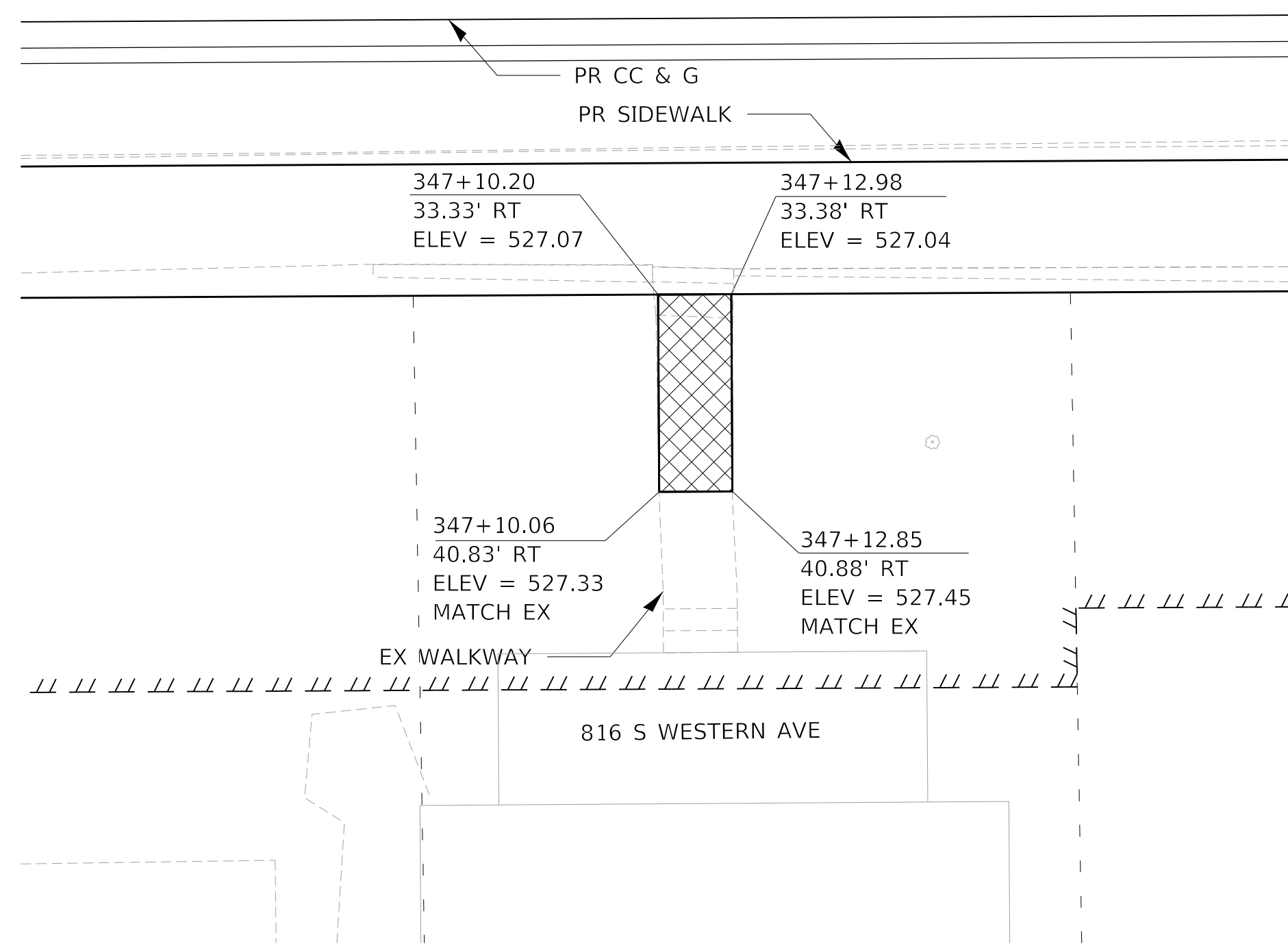
PROPERTY WALKWAY
WESTERN AVE STA. 345+60 LT

LEGEND

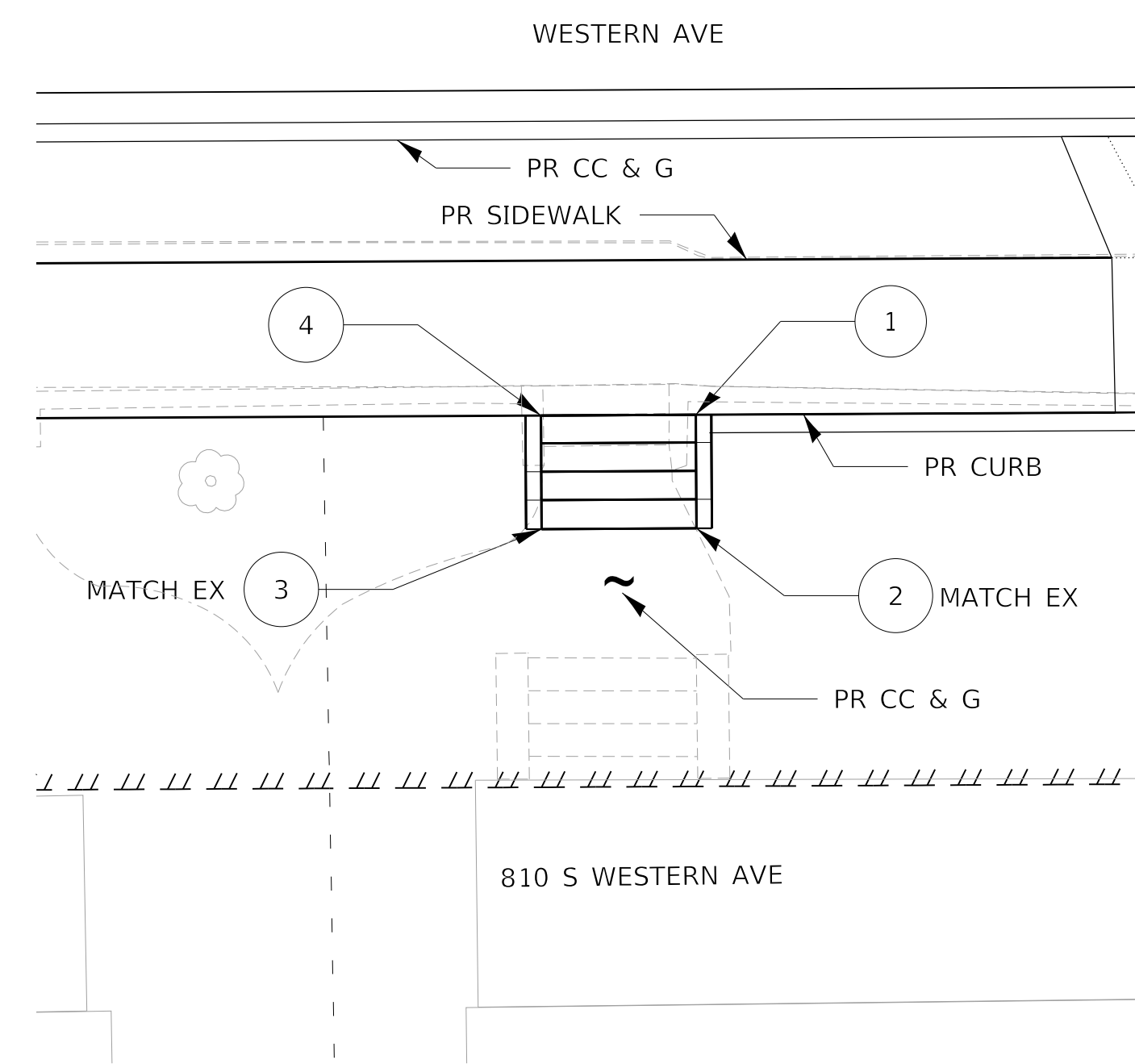
-  PCC SIDEWALK 4"
-  PIPE HANDRAIL
-  CONCRETE STEPS
-  TEMP. EASEMENT

NOTES:

1. SEE DETAIL 503201-D4 FOR STEP DETAILS
2. MATCH STEPS SIDE WALL ON NORTH SIDE TO PROPOSED ADJOINING CURB HEIGHT



PROPERTY WALKWAY
WESTERN AVE STA. 347+11 RT



STEPS AND PROPERTY WALKWAY
WESTERN AVE STA. 347+90 RT
3 STEPS AT 0.33' RISE EACH
11" TREADS

| POINT | STATION | OFFSET/LT/RT | ELEV. | WALL |
|-------|-----------|--------------|--------|--------|
| 1 | 347+92.90 | 34.78 RT | 525.83 | 526.28 |
| 2 | 347+92.84 | 38.44 RT | 526.95 | |
| 3 | 347+87.84 | 38.35 RT | 526.79 | |
| 4 | 347+87.90 | 34.69 RT | 526.07 | 526.46 |

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-STEPS-11.dgn



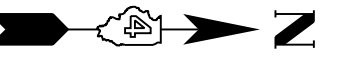
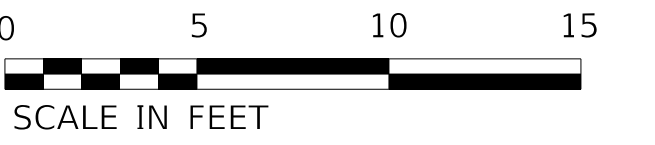
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| PLOT DATE = 2/24/2020 10:29:19 AM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

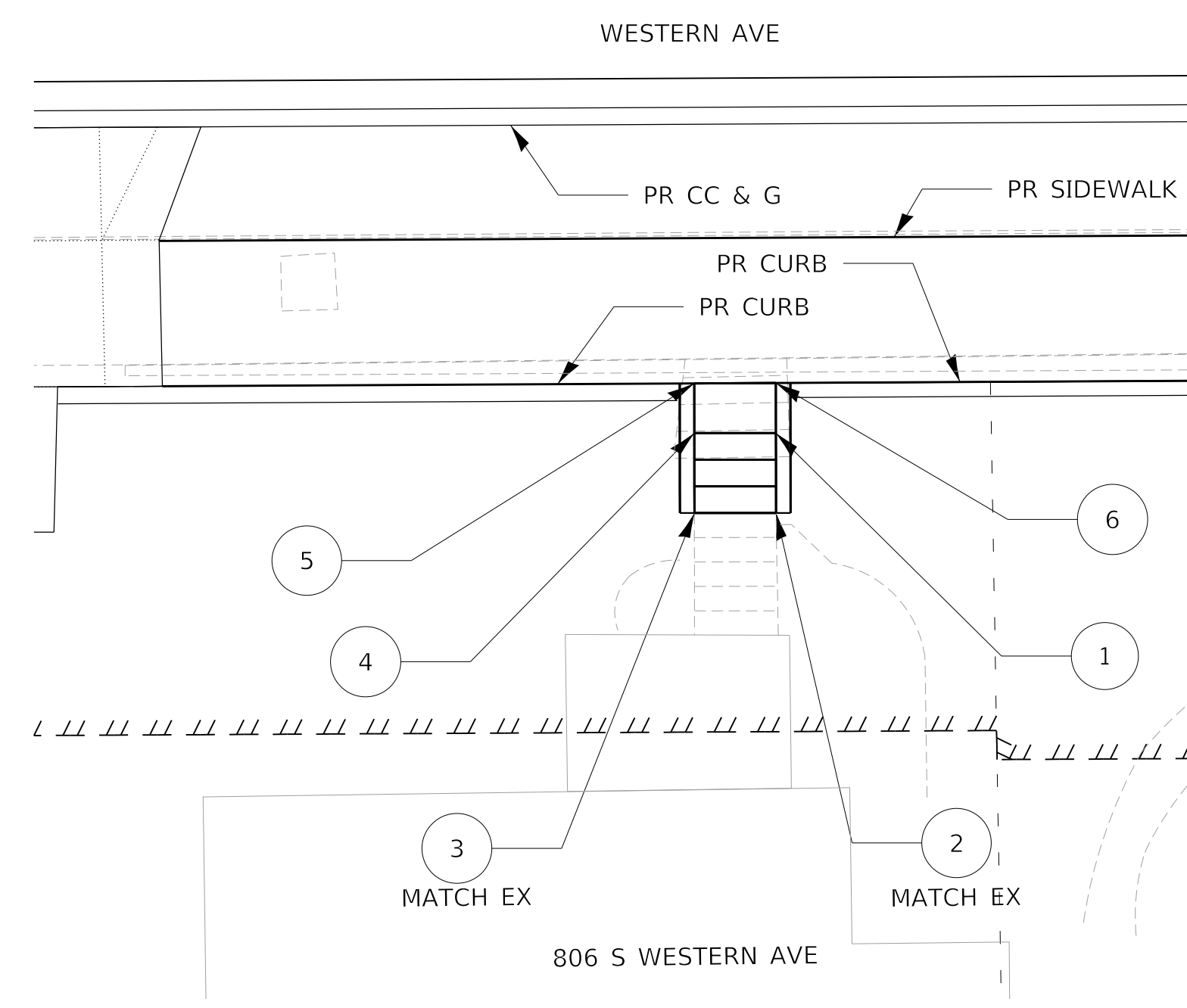
**STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE**

SCALE: 1"=5' SHEET 11 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 234 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

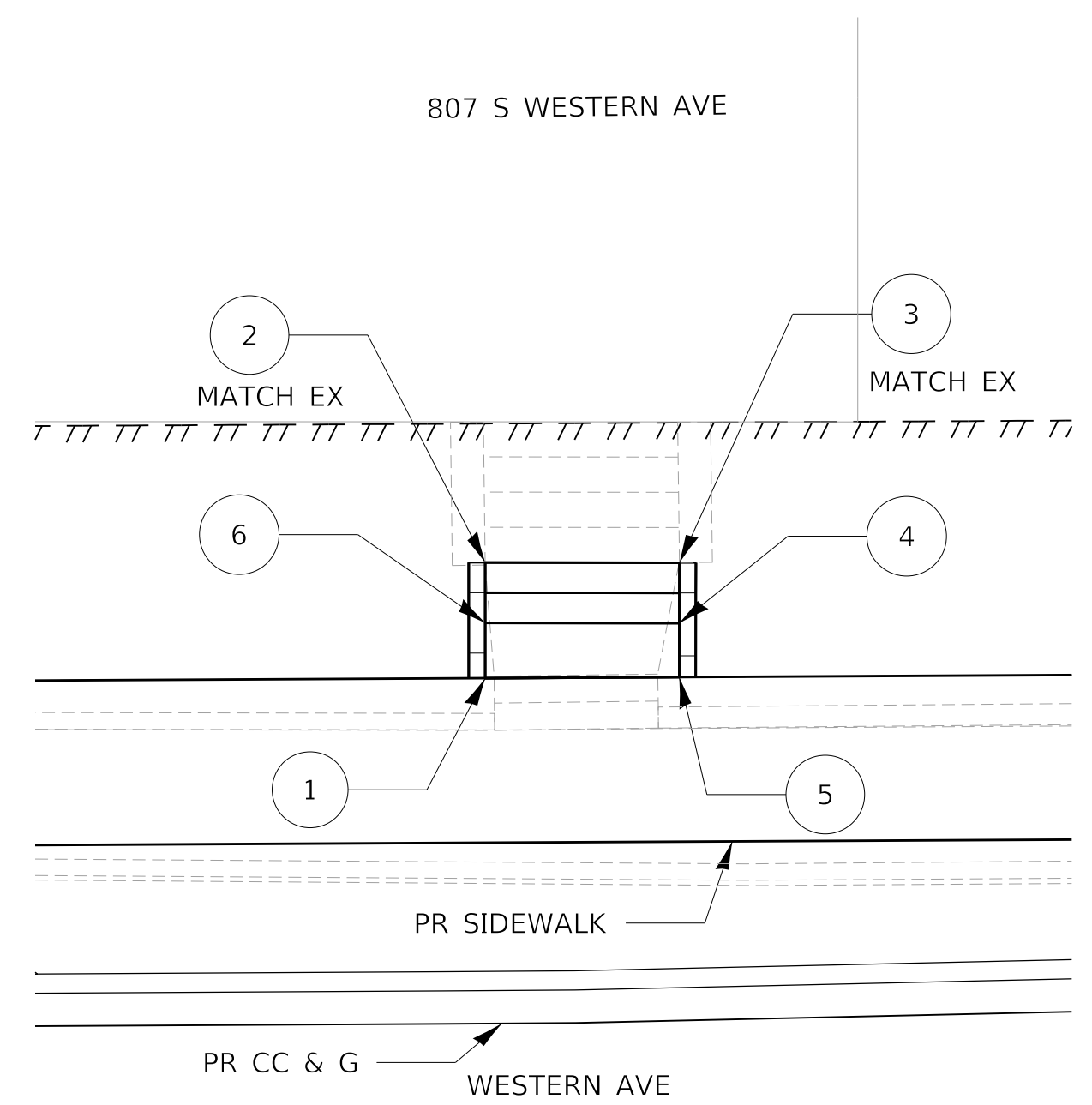


- NOTES:
 1. SEE DETAIL 503201-D4 FOR STEP AND HANDRAIL DETAILS
 2. MATCH STEPS SIDE WALL TO HEIGHT OF ADJOINING PROPOSED CURBS
 3. LOWEST STEP TREAD TO BE APPROXIMATELY 1.71'. STEPS ARE TO MATCH INTO EXISTING STEPS TO PROVIDE A CONTINUOUS STAIRCASE



| STEPS 348+42 | | | | |
|--------------|-----------|--------|-------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. |
| 1 | 348+43.45 | 37.38 | RT | 525.66 |
| 2 | 348+43.39 | 40.13 | RT | 525.83 |
| 3 | 348+43.58 | 40.07 | RT | 525.83 |
| 4 | 348+43.64 | 37.32 | RT | 525.66 |
| 5 | 348+43.68 | 35.61 | RT | 525.63 |
| 6 | 348+43.48 | 35.66 | RT | 525.59 |

STEPS AND PROPERTY WALKWAY
 WESTERN AVE STA. 348+42 RT
 3 STEPS AT 0.39' RISE EACH
 11" TREADS



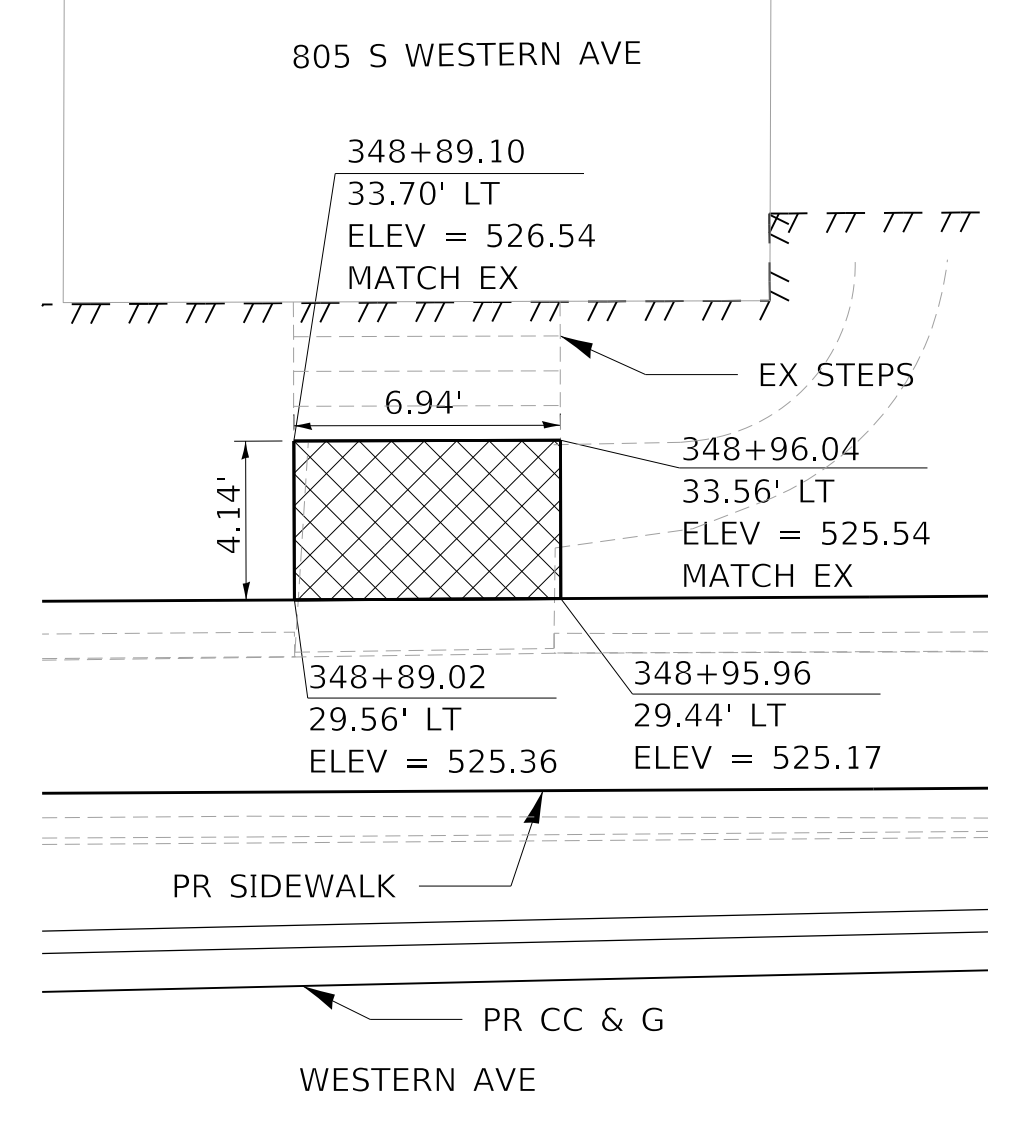
| STEPS 348+65 | | | | |
|--------------|-----------|--------|-------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. |
| 1 | 348+61.52 | 30.04 | RT | 525.80 |
| 2 | 348+61.60 | 33.55 | RT | 526.74 |
| 3 | 348+67.50 | 33.41 | RT | 526.69 |
| 4 | 348+67.46 | 33.58 | RT | 526.72 |
| 5 | 348+67.42 | 29.93 | RT | 526.71 |
| 6 | 348+61.56 | 31.69 | RT | 526.81 |

STEPS AND PROPERTY WALKWAY
 WESTERN AVE STA. 348+65 LT
 2 STEPS AT 0.49' RISE EACH
 11" TREADS

- NOTES:
 1. SEE DETAIL 503201-D4 FOR STEP DETAILS
 2. LOWEST STEP TREAD TO BE APPROXIMATELY 1.65'. STEPS ARE TO MATCH INTO EXISTING STEPS TO PROVIDE A CONTINUOUS STAIRCASE.

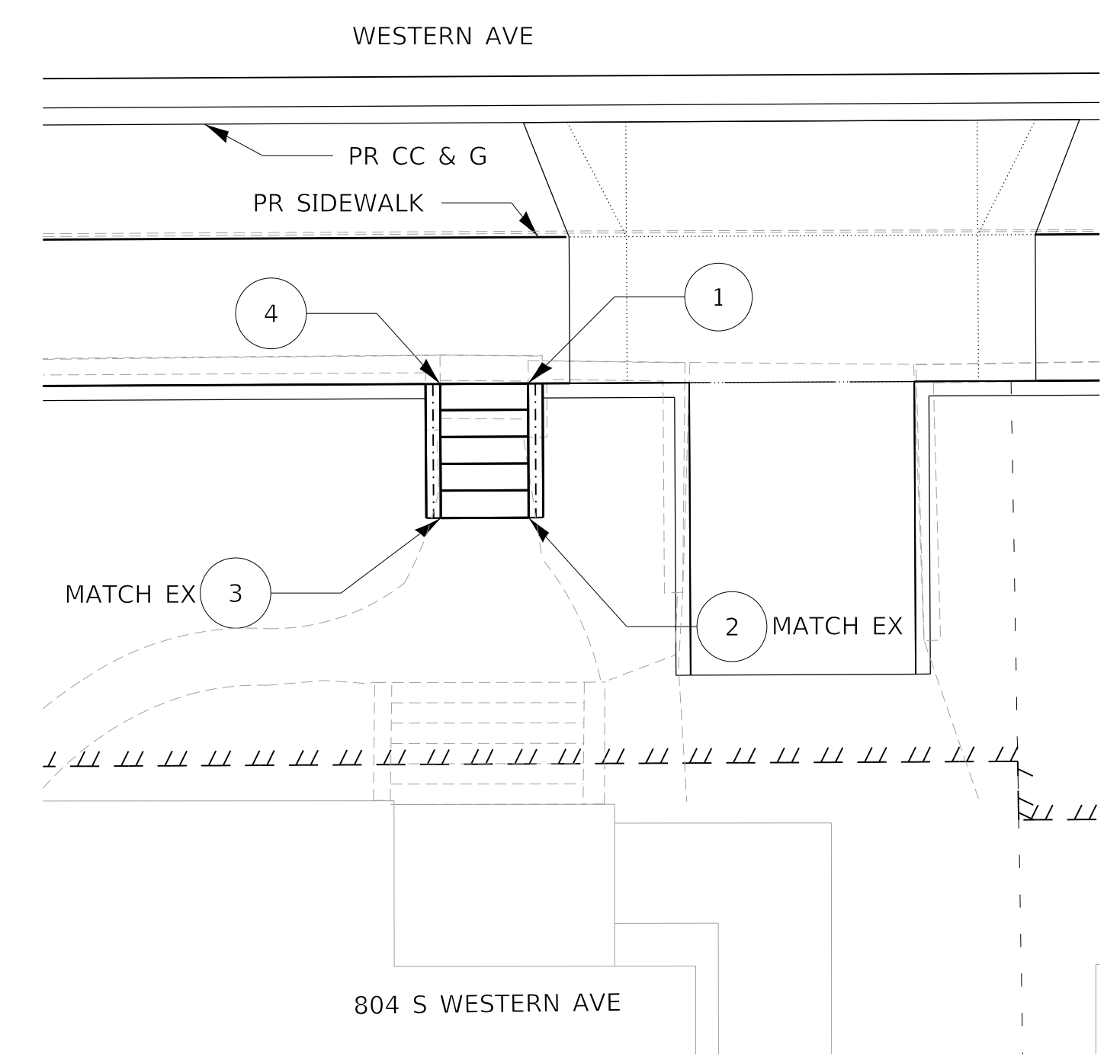
LEGEND

- PCC SIDEWALK 4"
- PIPE HANDRAIL
- CONCRETE STEPS
- TEMP. EASEMENT



PROPERTY WALKWAY
 WESTERN AVE STA. 348+92 LT

- NOTES:
 1. SEE DETAIL 503201-D4 FOR STEP AND HANDRAIL DETAILS
 2. MATCH STEPS SIDE WALL TO HEIGHT OF ADJOINING PROPOSED CURB



| STEPS 348+73 | | | | |
|--------------|-----------|--------|-------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. |
| 1 | 348+74.36 | 36.20 | RT | 524.21 |
| 2 | 348+74.28 | 40.78 | RT | 526.28 |
| 3 | 348+71.28 | 40.73 | RT | 526.33 |
| 4 | 348+71.36 | 36.14 | RT | 524.42 |

STEPS AND PROPERTY WALKWAY
 WESTERN AVE STA. 348+73 RT
 4 STEPS AT 0.50' RISE EACH
 11" TREADS

MODEL: D:\default\PROJECTS\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-STEPS-12.dgn



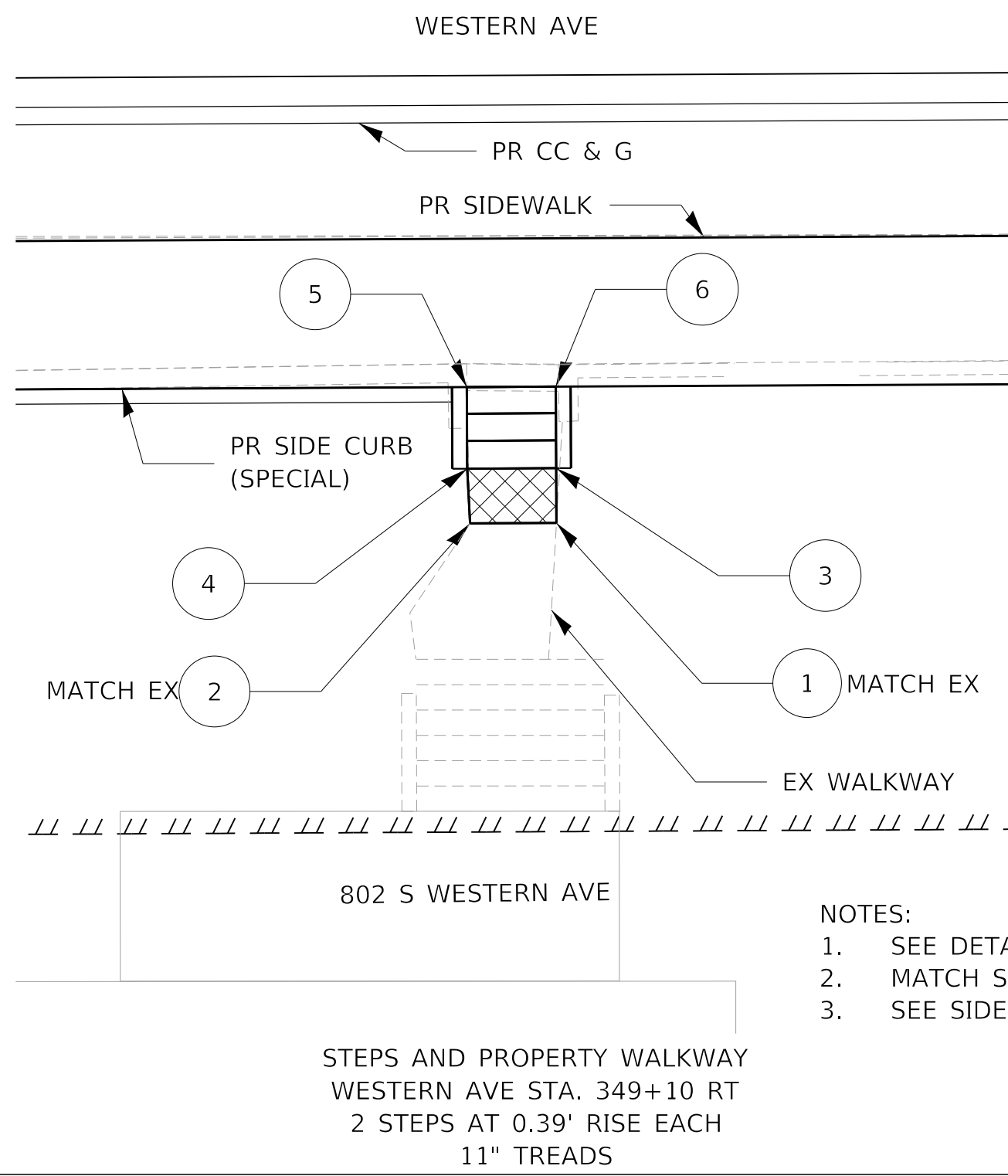
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| PLOT DATE = | 2/24/2020 10:29:24 AM | DATE - | 2/21/2020 | REVISED - | |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STEPS AND PROPERTY WALKWAY PLAN
 WESTERN AVENUE

SCALE: 1"=5' SHEET 12 OF 13 SHEETS STA. TO STA.

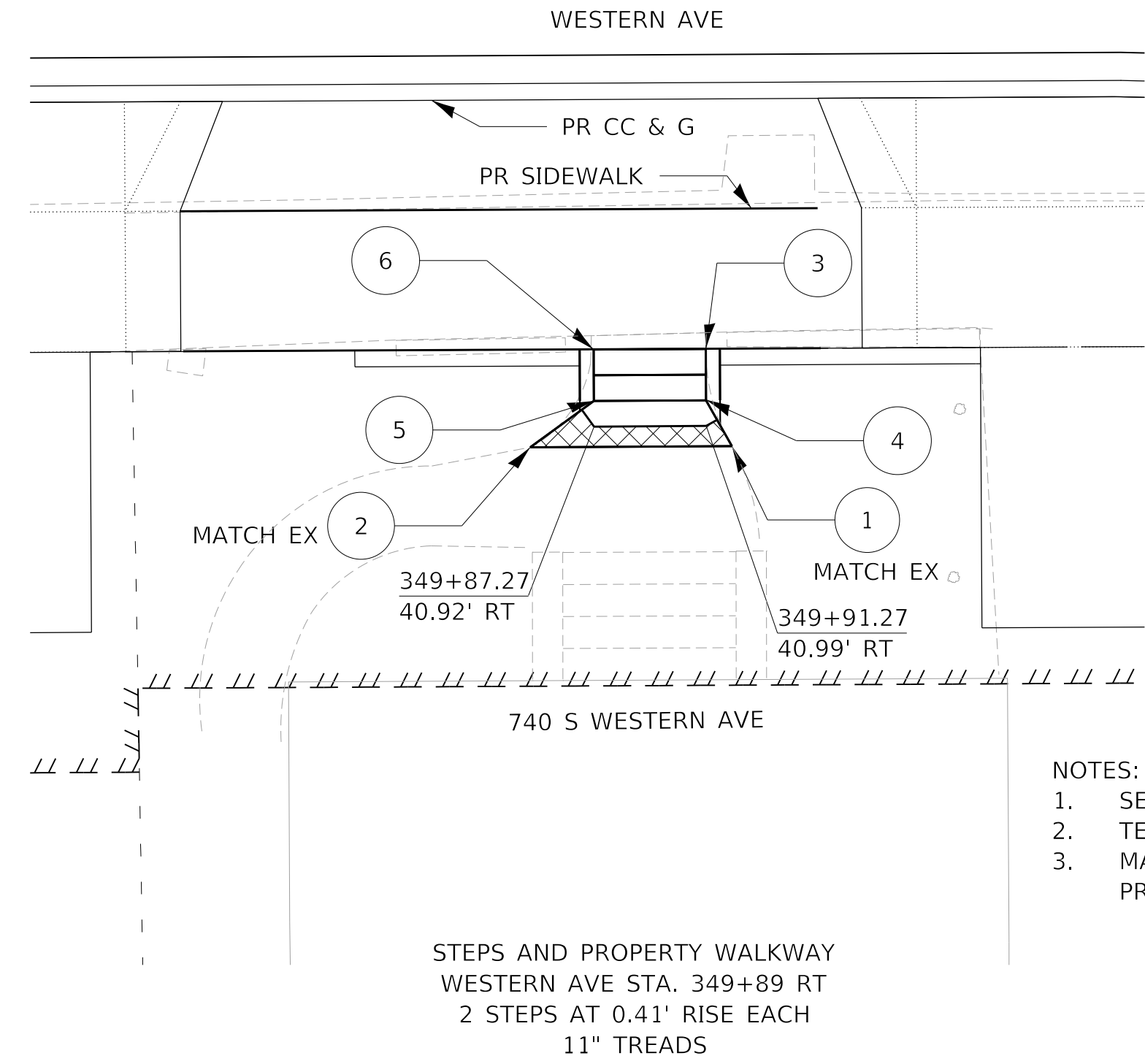
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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 235 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



| STEPS 349+10 | | | | |
|--------------|-----------|--------|-------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. |
| 1 | 349+11.98 | 41.45 | RT | 525.34 |
| 2 | 349+09.07 | 41.40 | RT | 525.34 |
| 3 | 349+12.01 | 39.60 | RT | 525.26 |
| 4 | 349+09.01 | 39.55 | RT | 525.28 |
| 5 | 349+09.06 | 36.80 | RT | 524.51 |
| 6 | 349+12.06 | 36.86 | RT | 524.47 |

- NOTES:
1. SEE DETAIL 503201-D4 FOR STEP DETAILS
 2. MATCH STEPS SIDE WALL HEIGHT ON SOUTH SIDE TO PROPOSED ADJOINING SIDE CURB (SPECIAL)
 3. SEE SIDE CURB (SPECIAL) DETAILS AND PLANS

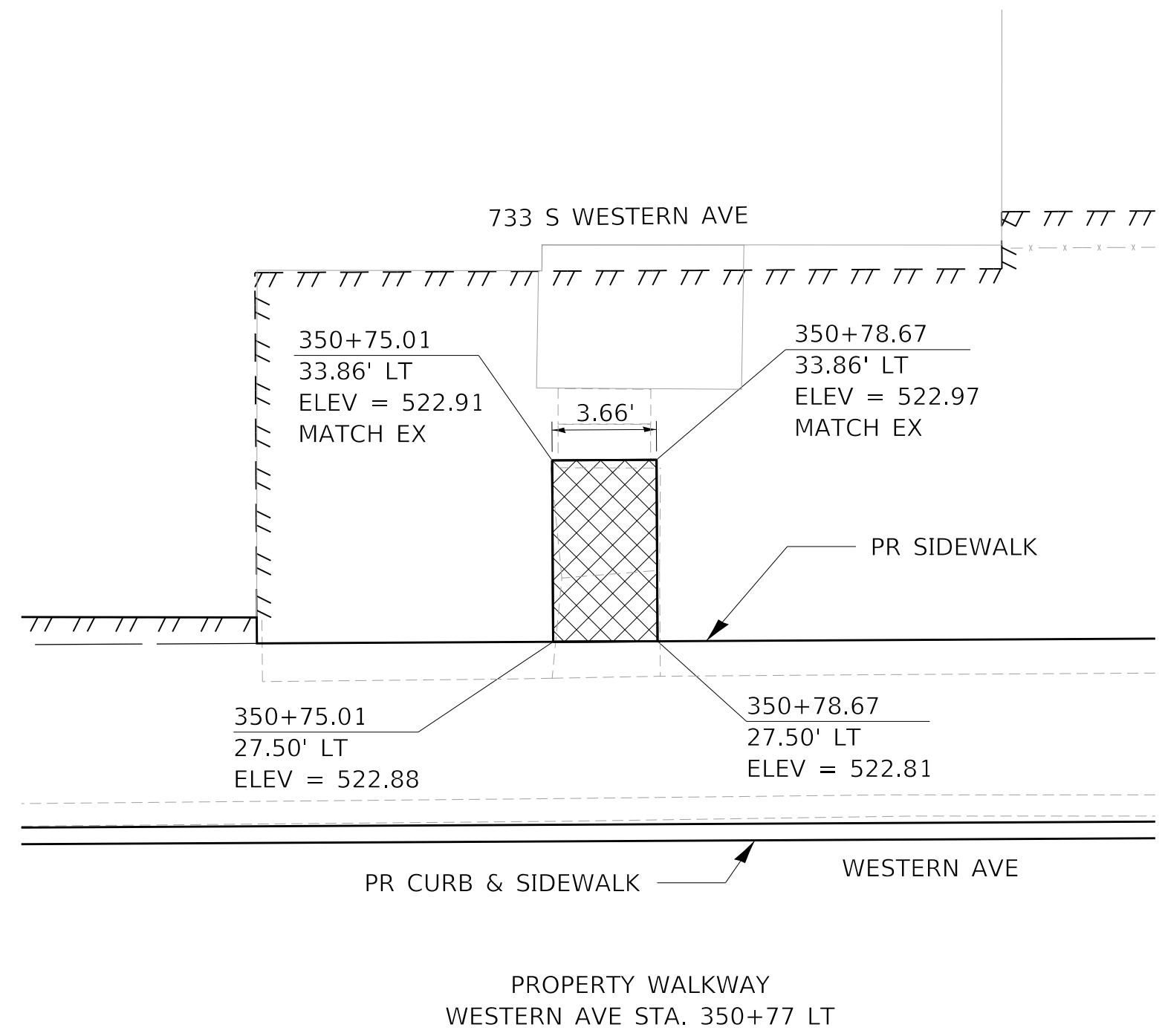
STEPS AND PROPERTY WALKWAY
WESTERN AVE STA. 349+10 RT
2 STEPS AT 0.39' RISE EACH
11" TREADS



| STEPS 349+89 | | | | | |
|--------------|-----------|--------|-------|--------|--------|
| POINT | STATION | OFFSET | LT/RT | ELEV. | T/STEP |
| 1 | 349+92.17 | 41.73 | RT | 523.08 | |
| 2 | 349+84.98 | 41.6 | RT | 523.13 | |
| 3 | 349+91.32 | 38.24 | RT | 523.14 | |
| 4 | 349+91.29 | 40.07 | RT | 523.55 | 523.96 |
| 5 | 349+87.29 | 40.00 | RT | 523.62 | 524.03 |
| 6 | 349+87.32 | 38.17 | RT | 523.30 | |

- NOTES:
1. SEE DETAIL 503201-D4 FOR STEP DETAILS
 2. TERMINATE STEPS SIDE WALL AT FACE OF UPPERMOST STEP.
 3. MATCH STEPS SIDE WALL HEIGHTS ON NORTH AND SOUTH SIDES TO PROPOSED ADJOINING CURB.

STEPS AND PROPERTY WALKWAY
WESTERN AVE STA. 349+89 RT
2 STEPS AT 0.41' RISE EACH
11" TREADS



PROPERTY WALKWAY
WESTERN AVE STA. 350+77 LT

LEGEND

- PCC SIDEWALK 4"
- PIPE HANDRAIL
- CONCRETE STEPS
- TEMP. EASEMENT



MODEL: D:\default\PROJECTS\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-STEPS-13.dgn



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

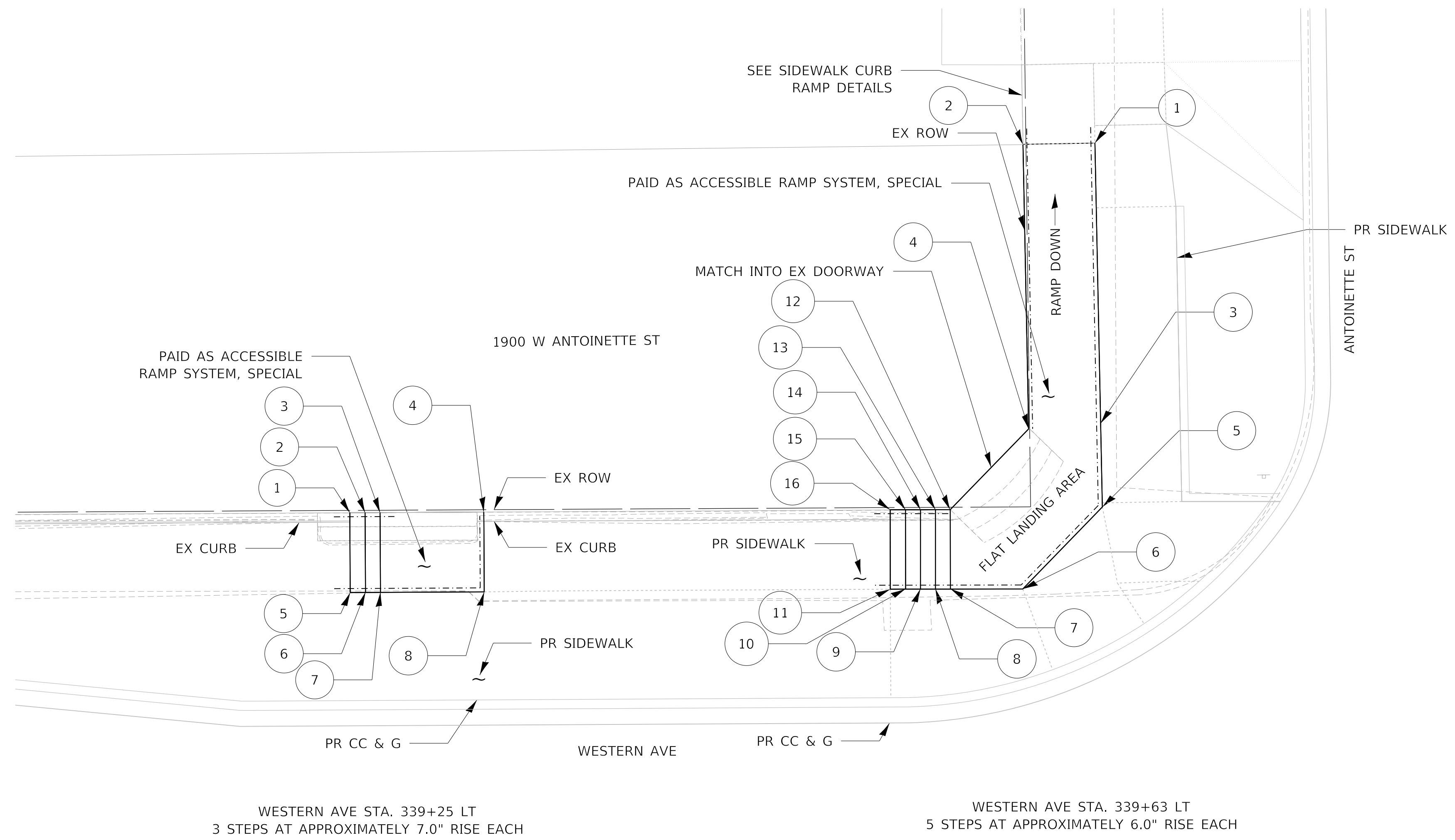
STEPS AND PROPERTY WALKWAY PLAN
WESTERN AVENUE

SCALE: 1"=5' SHEET 13 OF 13 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 236 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

NOTES:

1. ACCESSIBLE RAMP SYSTEM, SPECIAL, TO BE MOUNTED ON PROPOSED PCC SIDEWALK, 6 INCH.
2. SEE CURB RAMP PLANS FOR PCC SIDEWALK POINT INFORMATION.
3. CONFIRM MEASUREMENTS AFTER PLACEMENT OF PROPOSED SIDEWALK PRIOR TO ORDERING ACCESSIBLE RAMP SYSTEM, SPECIAL.



ACCESSIBLE RAMP SYSTEM, SPECIAL 339+25 LT

| POINT | STATION | OFFSET | LT/RT | ELEV. | T/7" STEP | UPPER ELEV |
|-------|-----------|--------|-------|--------|-----------|------------|
| 1 | 339+23.52 | 32.86 | LT | 523.60 | 524.18 | |
| 2 | 339+24.48 | 32.86 | LT | 524.18 | 524.77 | |
| 3 | 339+25.42 | 32.86 | LT | 524.77 | 525.35 | |
| 4 | 339+31.92 | 32.86 | LT | 523.66 | | 525.37 |
| 5 | 339+23.52 | 28.05 | LT | 523.52 | 524.10 | |
| 6 | 339+24.48 | 28.05 | LT | 524.10 | 524.69 | |
| 7 | 339+5.42 | 28.05 | LT | 524.69 | 525.27 | |
| 8 | 339+31.92 | 28.05 | LT | 523.66 | | 525.29 |

ACCESSIBLE RAMP SYSTEM, SPECIAL 339+63 LT

| POINT | STATION | OFFSET | LT/RT | ELEV. | T/6" STEP | UPPER ELEV |
|-------|-----------|--------|-------|--------|-----------|------------|
| 1 | 339+70.33 | 56.21 | LT | 524.80 | | |
| 2 | 339+65.81 | 55.88 | LT | 524.81 | | |
| 3 | 339+70.59 | 36.21 | LT | 526.21 | | 526.21 |
| 4 | 339+66.08 | 37.88 | LT | 524.33 | | 526.27 |
| 5 | 339+70.67 | 32.97 | LT | 523.54 | | 526.16 |
| 6 | 339+65.66 | 27.86 | LT | 526.09 | | 526.11 |
| 7 | 339+61.12 | 28.04 | LT | 524.57 | 526.07 | |
| 8 | 339+60.19 | 28.05 | LT | 524.07 | 525.57 | |
| 9 | 339+59.25 | 28.05 | LT | 524.57 | 525.07 | |
| 10 | 339+58.31 | 28.05 | LT | 524.07 | 525.57 | |
| 11 | 339+57.36 | 28.06 | LT | 524.57 | 525.07 | |
| 12 | 339+61.13 | 32.85 | LT | 524.65 | 526.15 | |
| 13 | 339+60.21 | 32.86 | LT | 524.15 | 525.65 | |
| 14 | 339+59.27 | 32.86 | LT | 524.65 | 525.15 | |
| 15 | 339+58.33 | 32.86 | LT | 524.15 | 525.65 | |
| 16 | 339+57.38 | 32.87 | LT | 523.65 | 525.15 | |



MODEL: D:\default\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-RAMP-SYSTEM-001.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

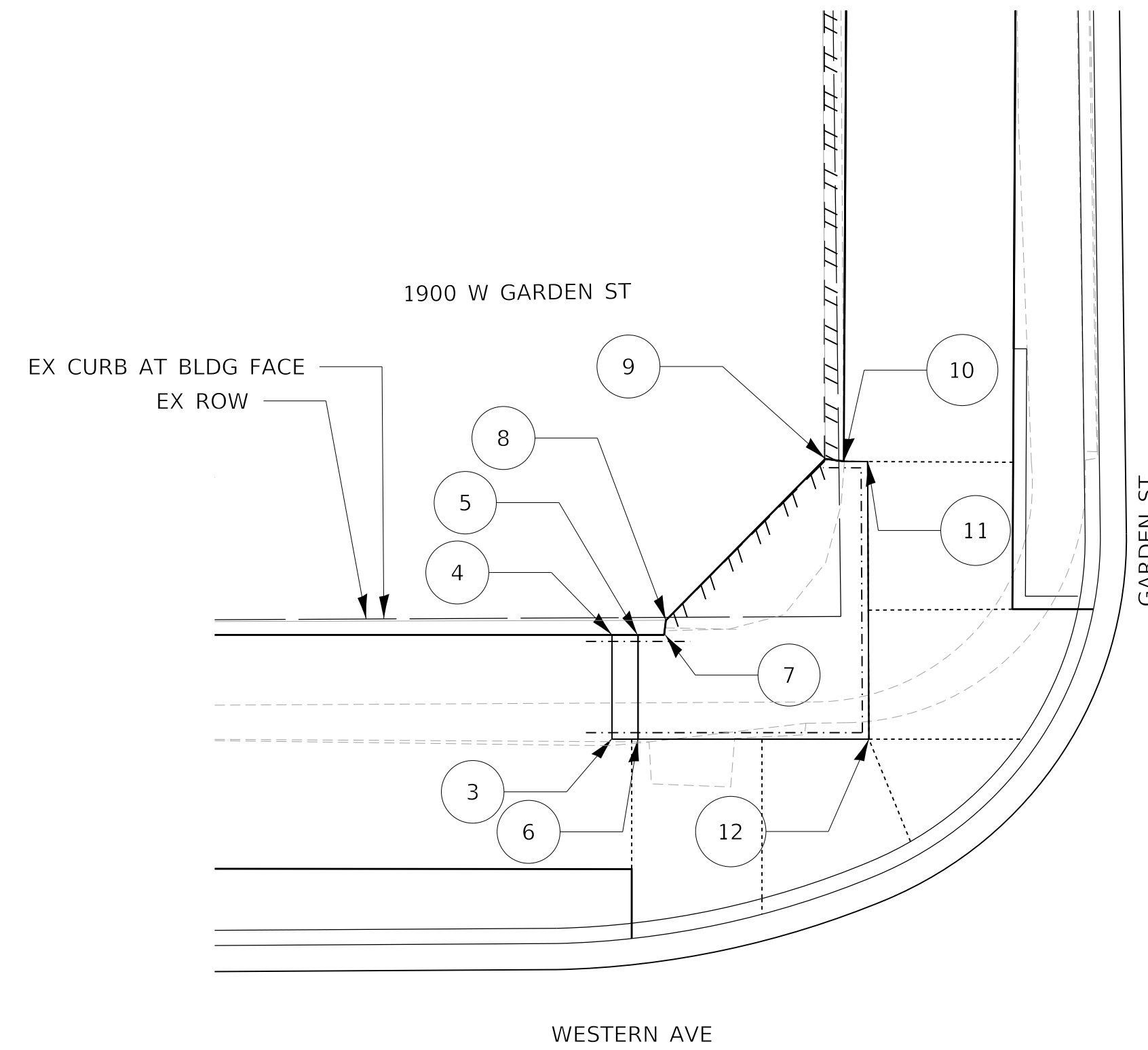
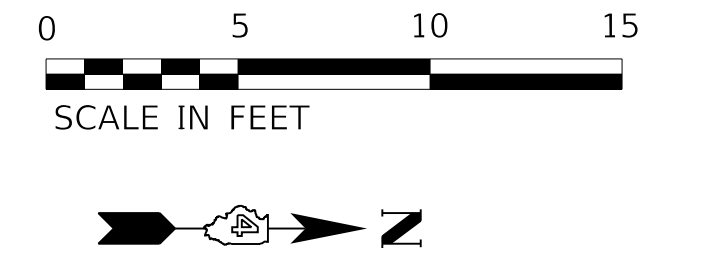
**ACCESSIBLE RAMP SYSTEM
WESTERN AVE AND GARDEN ST**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|---------------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 237 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| | | ILLINOIS FED. AID PROJECT | | |

NOTES:

1. ACCESSIBLE RAMP SYSTEM, SPECIAL, TO BE MOUNTED ON PROPOSED PCC SIDEWALK, 6 INCH.
2. SEE CURB RAMP PLANS FOR PCC SIDEWALK POINT INFORMATION.
3. CONFIRM MEASUREMENTS AFTER PLACEMENT OF PROPOSED SIDEWALK PRIOR TO ORDERING ACCESSIBLE RAMP SYSTEM, SPECIAL.



WESTERN AVE STA. 333+00 LT
2 STEPS AT APPROXIMATELY 7.0" RISE EACH
12" TREADS

| ACCESSIBLE RAMP SYSTEM, SPECIAL 333+00 LT | | | | | | |
|---|-----------|--------|-------|--------|-----------|------------|
| POINT | STATION | OFFSET | LT/RT | ELEV. | T/7" STEP | UPPER ELEV |
| 3 | 332+94.49 | 27.53 | LT | 524.60 | 524.18 | |
| 4 | 332+94.51 | 32.34 | LT | 524.68 | 524.26 | |
| 5 | 332+95.51 | 32.34 | LT | 524.26 | 524.85 | |
| 6 | 332+95.49 | 27.53 | LT | 524.18 | 524.76 | |
| 7 | 332+96.51 | 32.33 | LT | 524.85 | | |
| 8 | 332+96.59 | 32.59 | LT | 524.85 | | |
| 9 | 333+02.74 | 39.06 | LT | 524.89 | | |
| 10 | 333+03.45 | 38.96 | LT | 523.83 | | 524.88 |
| 11 | 333+04.36 | 38.95 | LT | 523.82 | | 524.88 |
| 12 | 333+04.35 | 28.29 | LT | 523.82 | | 524.85 |

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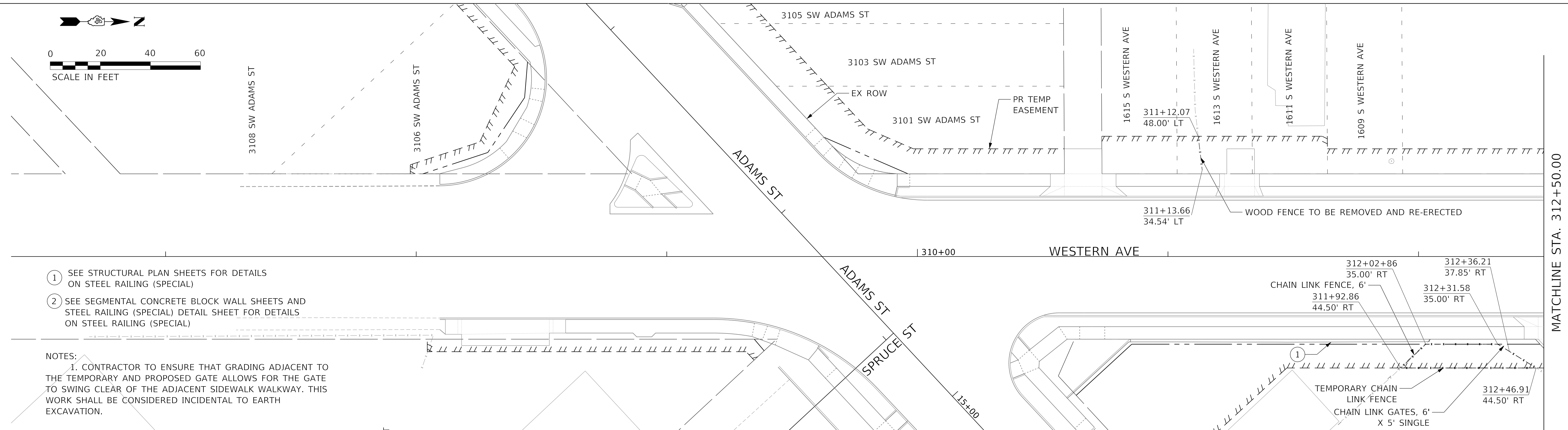
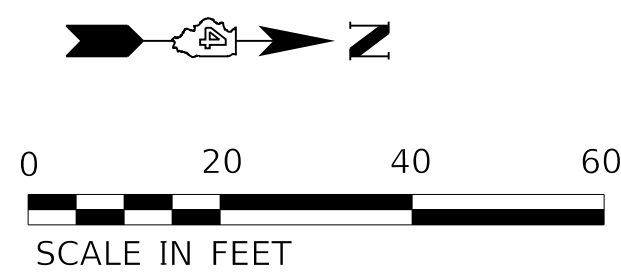
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| PLOT DATE = 2/24/2020 9:46:23 AM | DATE - 2/21/2020 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ACCESSIBLE RAMP SYSTEM
WESTERN AVE AND ANTOINETTE ST

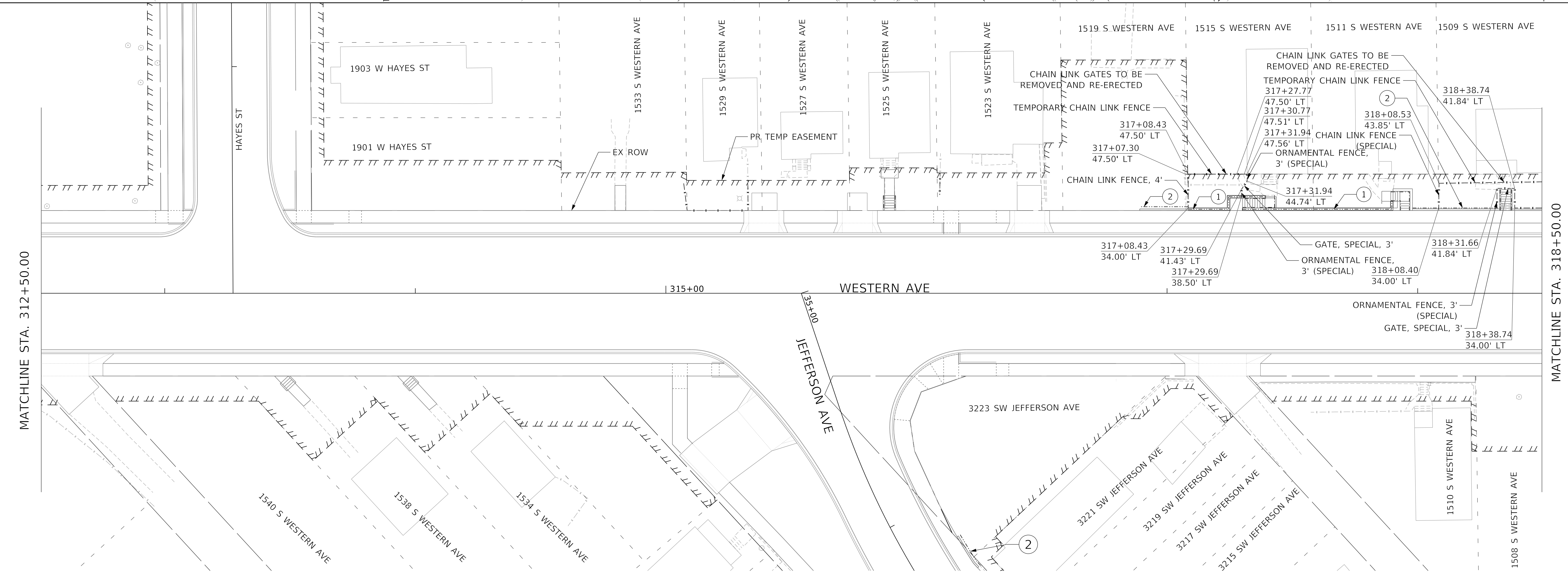
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 238 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |



- ① SEE STRUCTURAL PLAN SHEETS FOR DETAILS ON STEEL RAILING (SPECIAL)
- ② SEE SEGMENTAL CONCRETE BLOCK WALL SHEETS AND STEEL RAILING (SPECIAL) DETAIL SHEET FOR DETAILS ON STEEL RAILING (SPECIAL)

NOTES:
 1. CONTRACTOR TO ENSURE THAT GRADING ADJACENT TO THE TEMPORARY AND PROPOSED GATE ALLOWS FOR THE GATE TO SWING CLEAR OF THE ADJACENT SIDEWALK WALKWAY. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION.



MATCHLINE STA. 312+50.00

MATCHLINE STA. 318+50.00

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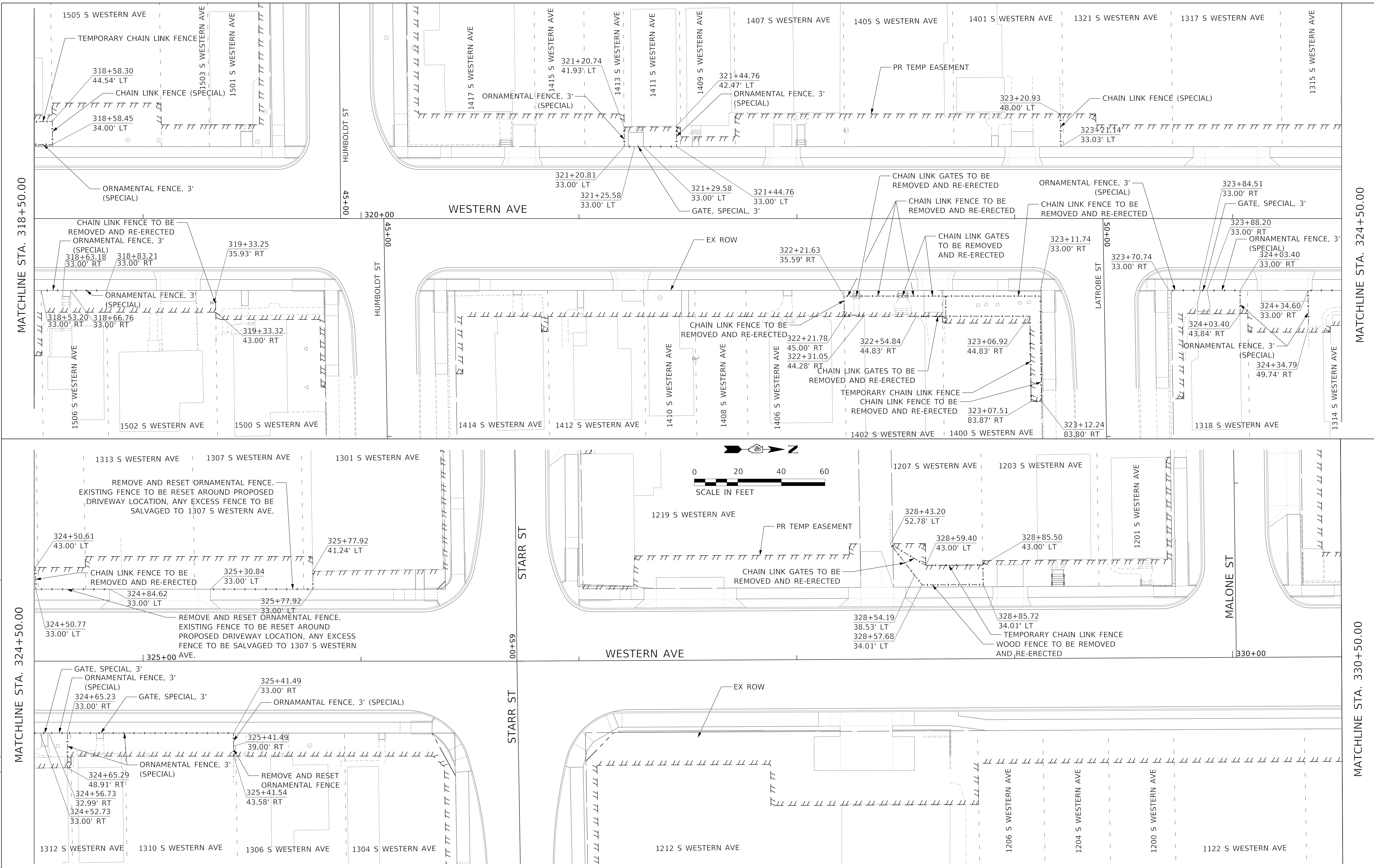
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| | PLOT DATE = 2/20/2020 11:50:36 AM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FENCING PLAN
 WESTERN AVENUE**

SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. TO STA.

| | | | | |
|----------------------------|----------------|------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 239 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. | 89766 | |
| ILLINOIS | | FED. AID PROJECT | | |



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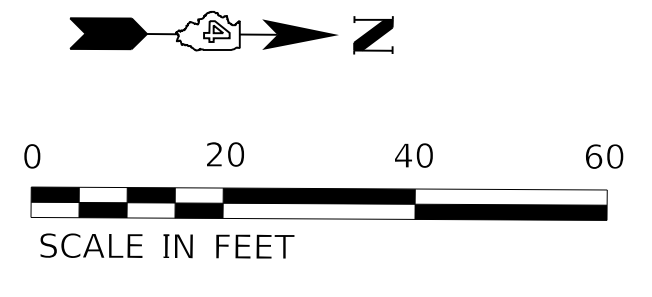
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCING PLAN
WESTERN AVENUE

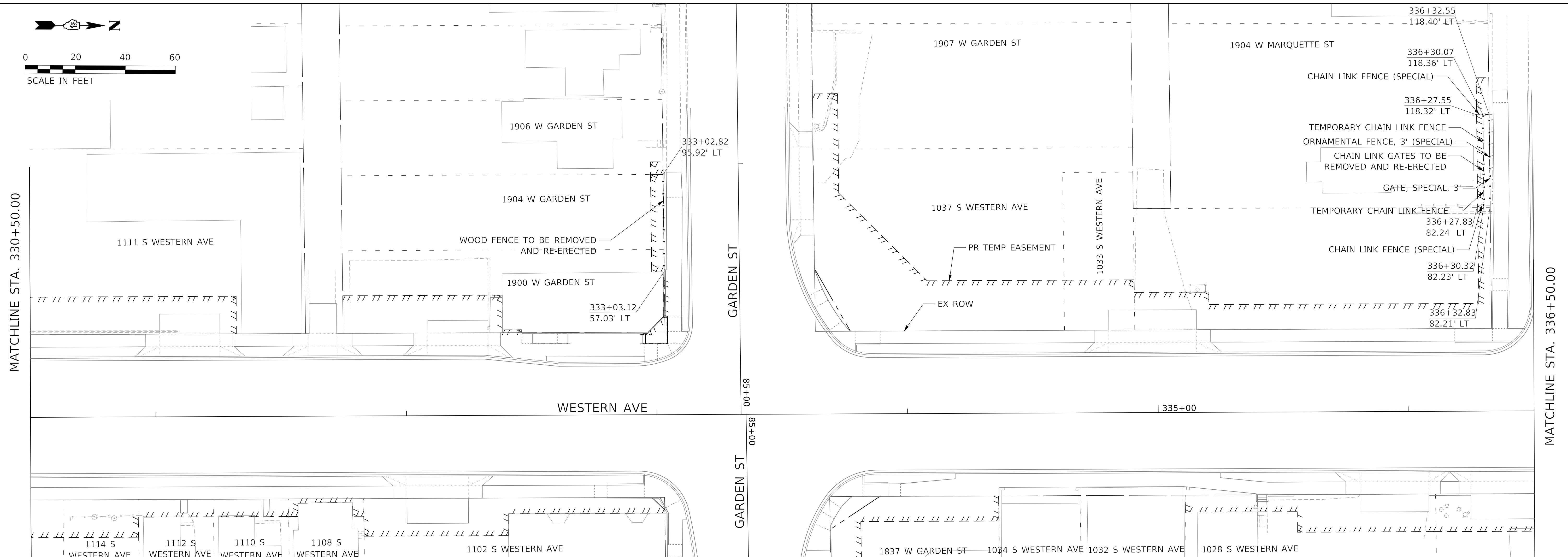
SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 240 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. | 89766 | |
| ILLINOIS | | FED. AID PROJECT | | |



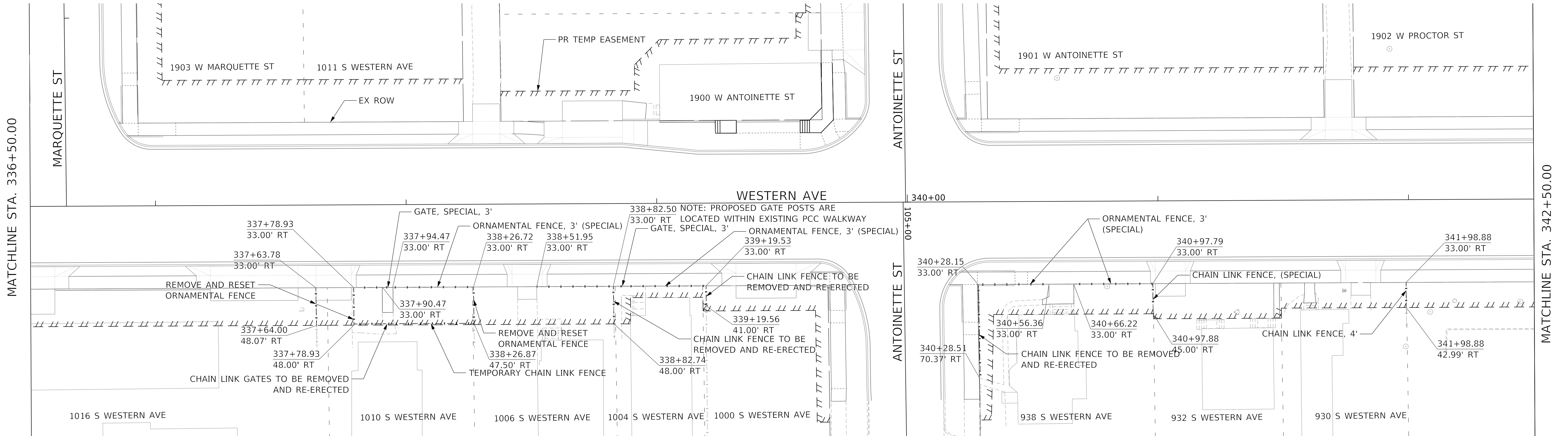
MATCHLINE STA. 330+50.00

MATCHLINE STA. 336+50.00



MATCHLINE STA. 336+50.00

MATCHLINE STA. 342+50.00



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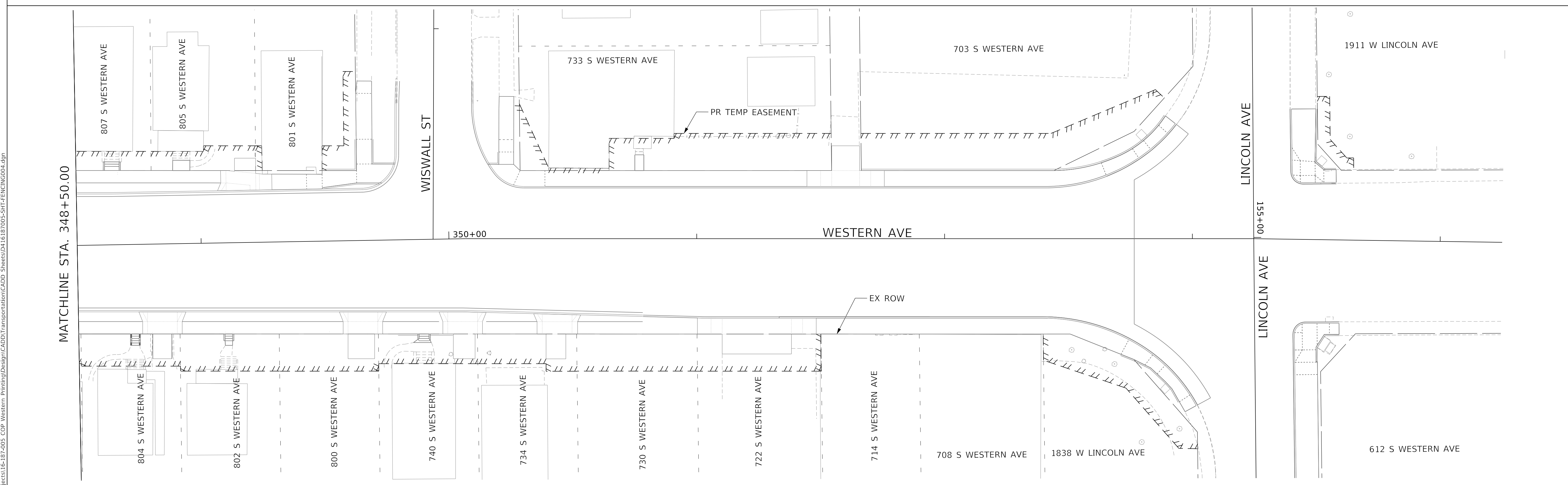
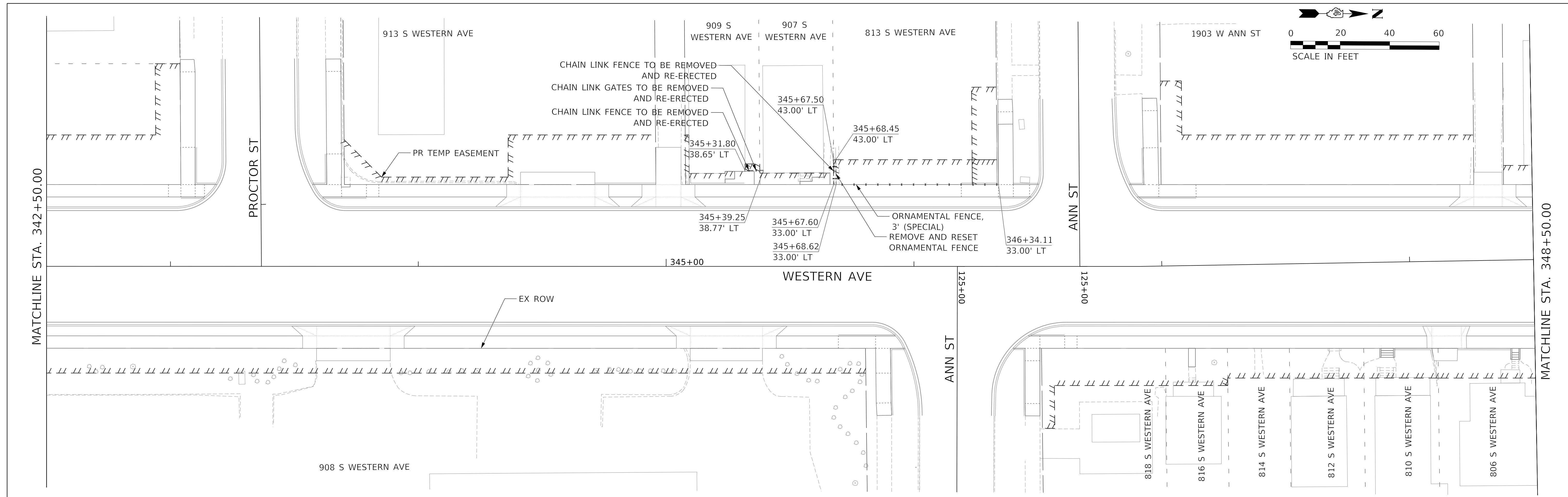
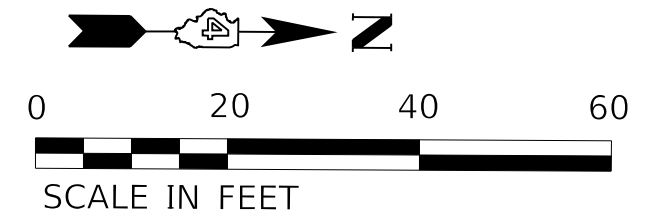
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FENCING PLAN
WESTERN AVENUE**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------|------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 241 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. | 89766 | |
| | | ILLINOIS | FED. AID PROJECT | |



MODEL: D:\default
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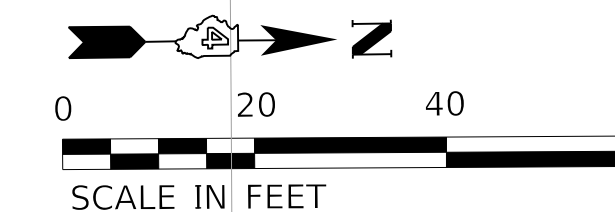
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| REVISED - |
| REVISED - |
| REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

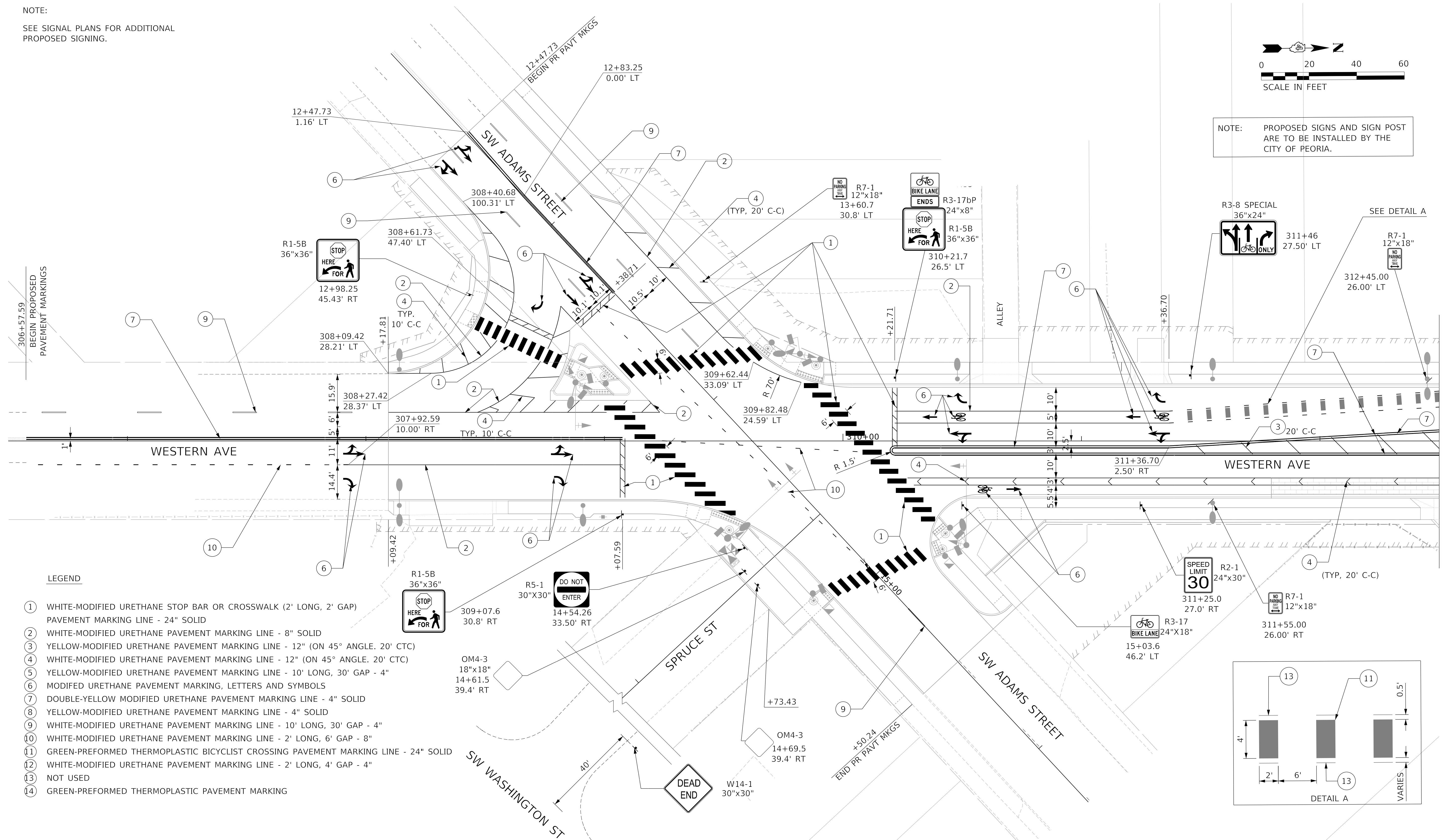
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|---------------|--|--|--|-------------|--|------|---------|
| SCALE: 1"=20' | | SHEET 4 | | OF 4 SHEETS | | STA. | TO STA. |
| | | FENCING PLAN WESTERN AVENUE | | | | | |

| | | | | |
|----------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 242 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

NOTE:
SEE SIGNAL PLANS FOR ADDITIONAL
PROPOSED SIGNING.

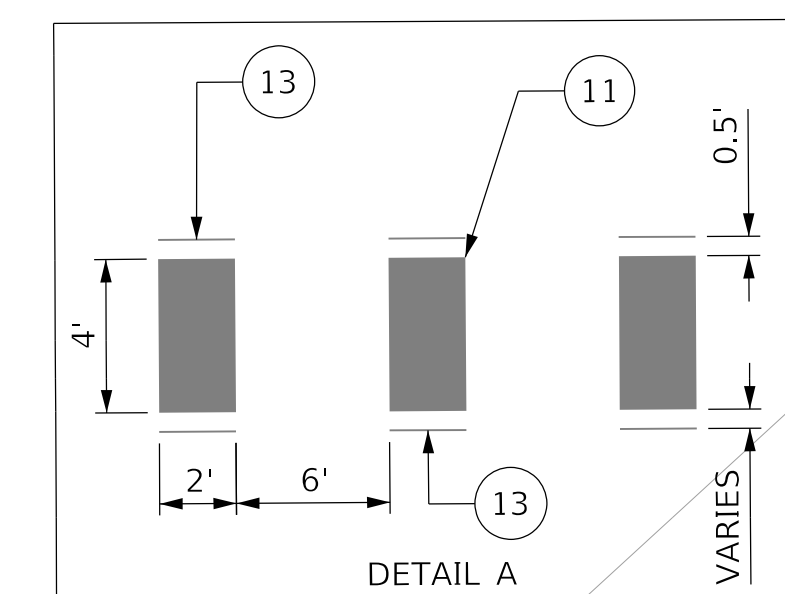


NOTE: PROPOSED SIGNS AND SIGN POST
ARE TO BE INSTALLED BY THE
CITY OF PEORIA.



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR OR CROSSWALK (2' LONG, 2" GAP)
- ② PAVEMENT MARKING LINE - 24" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ④ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑥ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑦ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS
- ⑧ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑪ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑫ GREEN-PREFORMED THERMOPLASTIC BICYCLIST CROSSING PAVEMENT MARKING LINE - 24" SOLID
- ⑬ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 4' GAP - 4"
- ⑭ NOT USED
- ⑮ GREEN-PREFORMED THERMOPLASTIC PAVEMENT MARKING



MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-PM001.dgn



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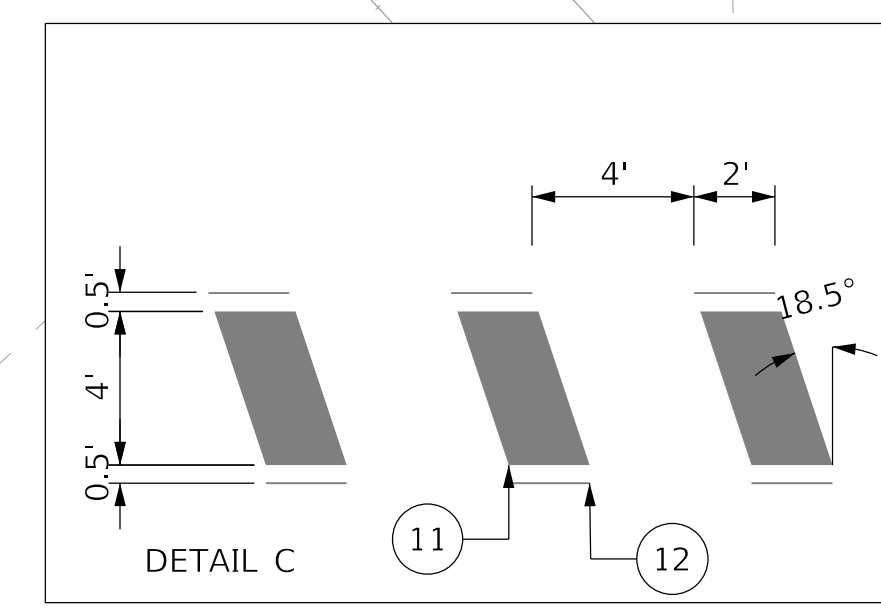
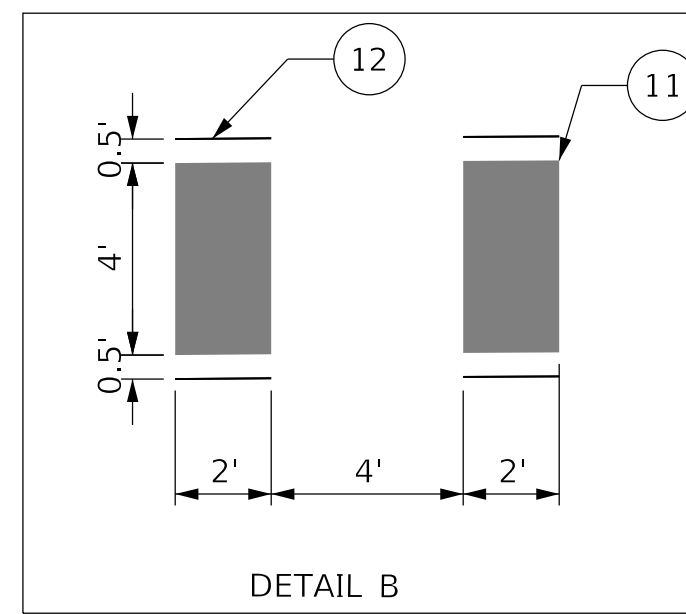
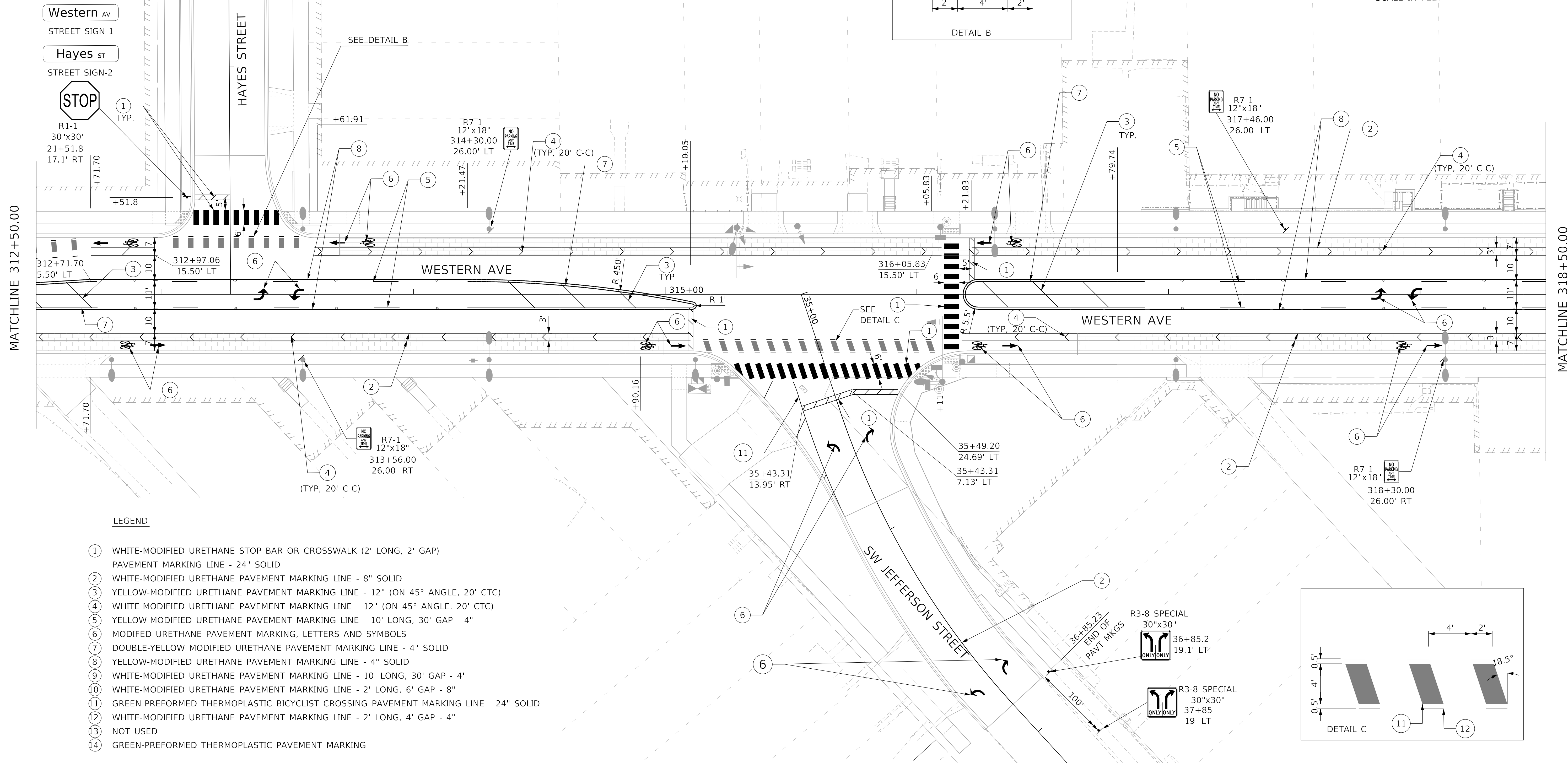
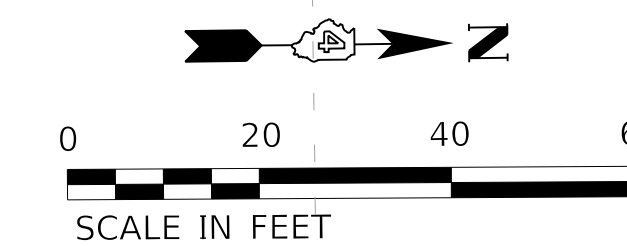
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS AND SIGNING

SCALE: 1"=20' SHEET 1 OF 9 SHEETS STA. TO STA. 312+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 243 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS / FED. AID PROJECT | | | | |

NOTE:
SEE SIGNAL PLANS FOR ADDITIONAL
PROPOSED SIGNING.



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR OR CROSSWALK (2' LONG, 2' GAP)
PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑪ GREEN-PREFORMED THERMOPLASTIC BICYCLIST CROSSING PAVEMENT MARKING LINE - 24" SOLID
- ⑫ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 4' GAP - 4"
- ⑬ NOT USED
- ⑭ GREEN-PREFORMED THERMOPLASTIC PAVEMENT MARKING

MODEL: Default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

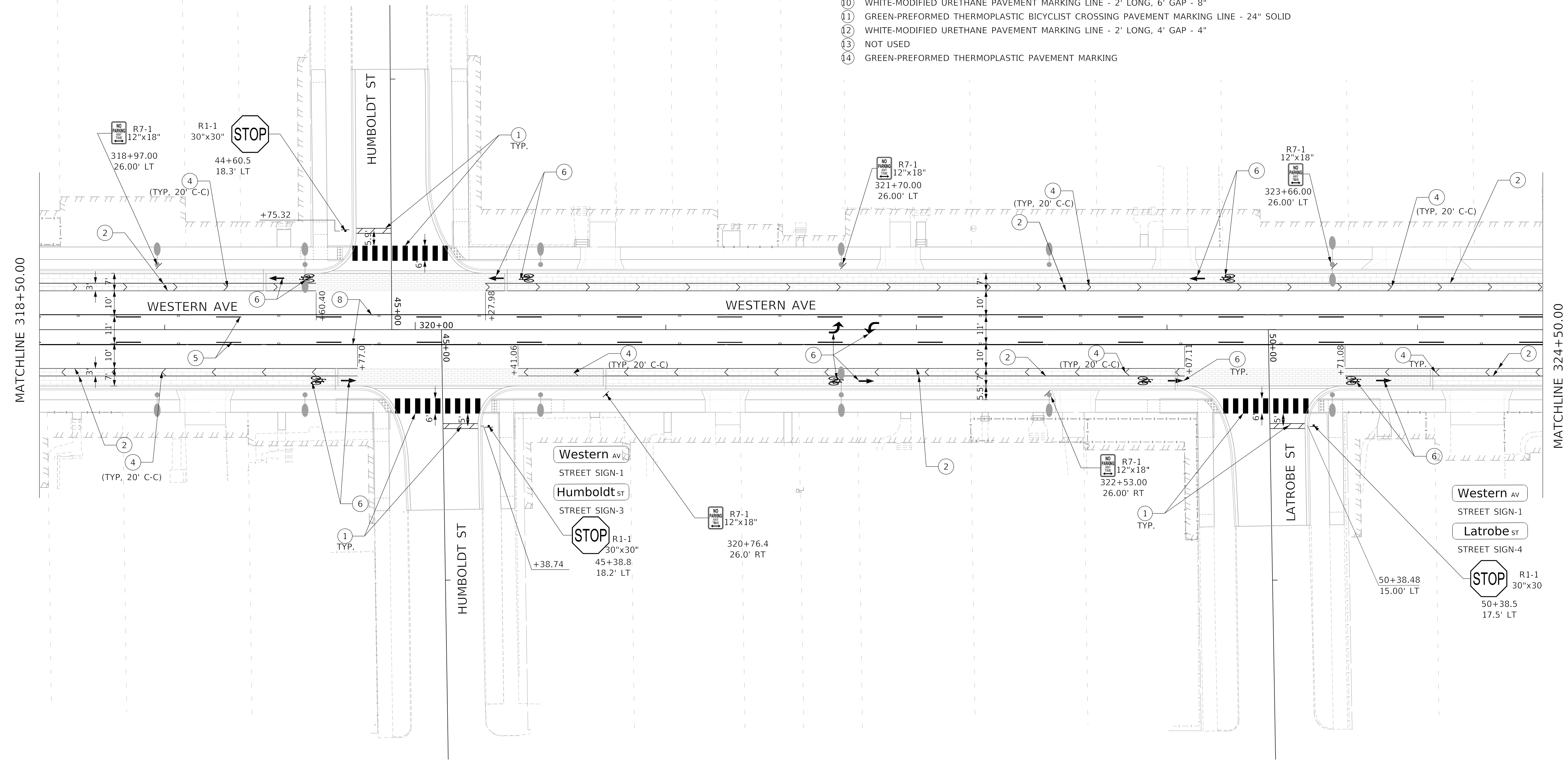
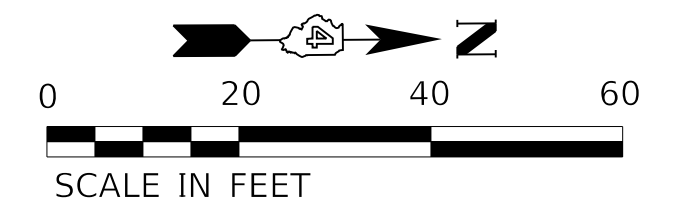
PAVEMENT MARKINGS AND SIGNING

SCALE: 1"=20' SHEET 2 OF 9 SHEETS STA. 312+50.00 TO STA. 318+50.00

| | | | | |
|----------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 244 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR OR CROSSWALK (2' LONG, 2' GAP)
PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑪ GREEN-PREFORMED THERMOPLASTIC BICYCLIST CROSSING PAVEMENT MARKING LINE - 24" SOLID
- ⑫ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 4' GAP - 4"
- ⑬ NOT USED
- ⑭ GREEN-PREFORMED THERMOPLASTIC PAVEMENT MARKING



MATCHLINE 318+50.00

MATCHLINE 324+50.00

MODEL: Default
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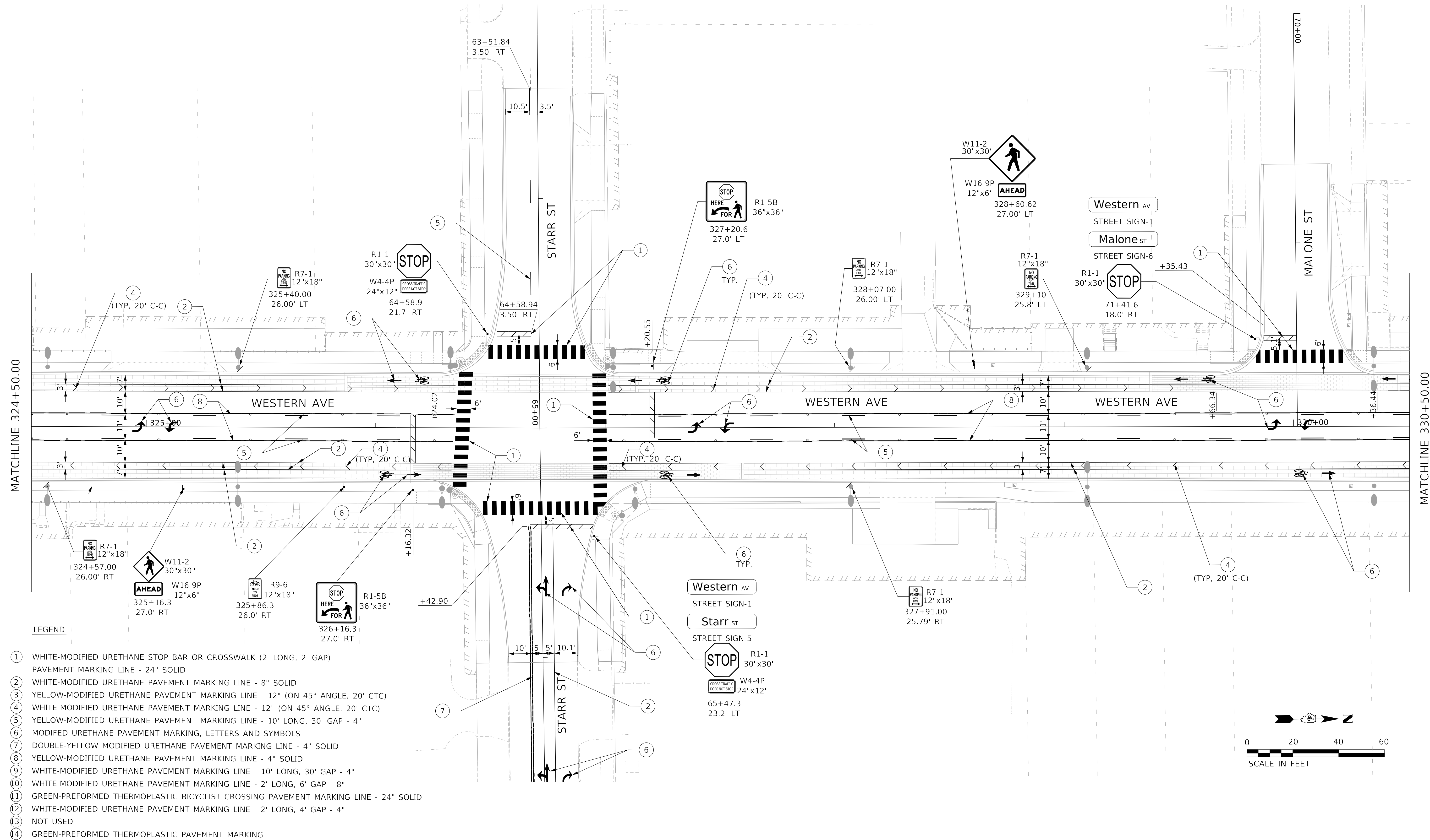
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS AND SIGNING

SCALE: 1"=20' SHEET 3 OF 9 SHEETS STA. 318+50.00 TO STA. 324+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 245 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| | | ILLINOIS | FED. AID PROJECT | |

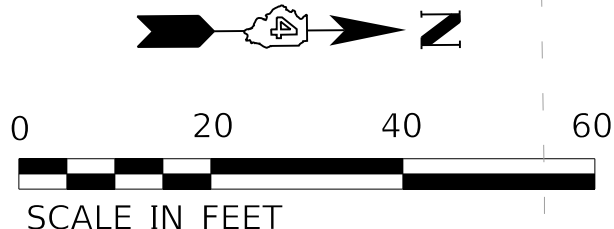
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MATCHLINE 324+50.00

MATCHLINE 330+50.00

- LEGEND**
- ① WHITE-MODIFIED URETHANE STOP BAR OR CROSSWALK (2' LONG, 2' GAP)
PAVEMENT MARKING LINE - 24" SOLID
 - ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
 - ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
 - ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
 - ⑤ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
 - ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS
 - ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
 - ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
 - ⑪ GREEN-PREFORMED THERMOPLASTIC BICYCLIST CROSSING PAVEMENT MARKING LINE - 24" SOLID
 - ⑫ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 4' GAP - 4"
 - ⑬ NOT USED
 - ⑭ GREEN-PREFORMED THERMOPLASTIC PAVEMENT MARKING



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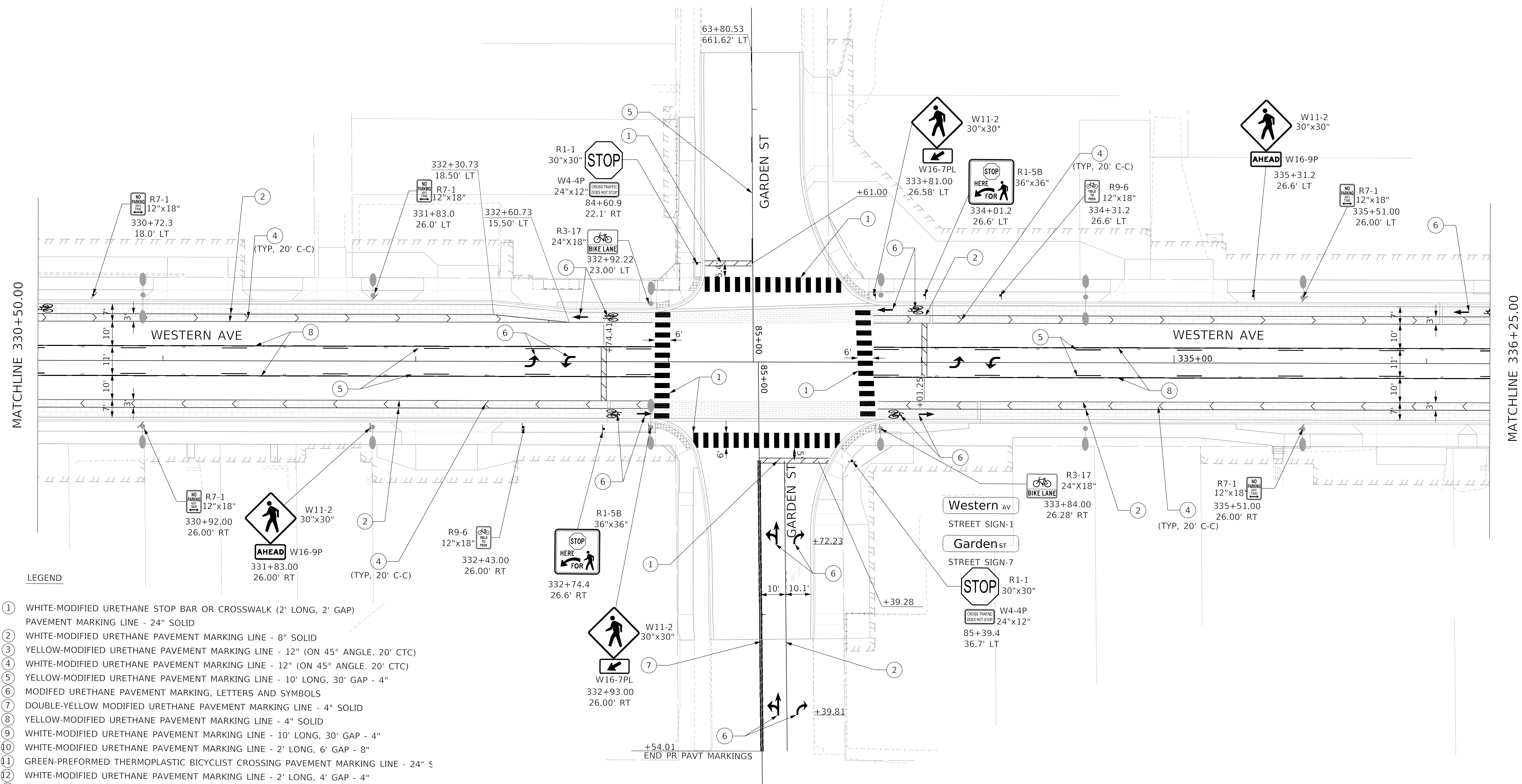
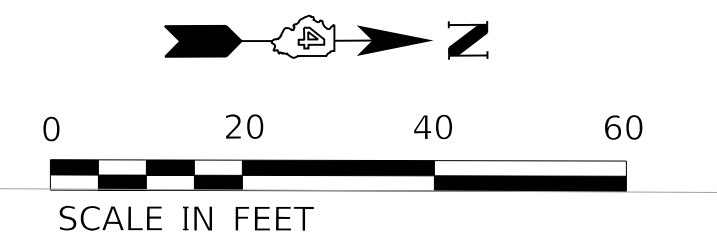
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| REVISED | - |
| REVISED | - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS AND SIGNING

SCALE: 1"=20' SHEET 4 OF 9 SHEETS STA. 324+50.00 TO STA. 330+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 246 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



- LEGEND**
- ① WHITE-MODIFIED URETHANE STOP BAR OR CROSSWALK (2' LONG, 2' GAP) PAVEMENT MARKING LINE - 24" SOLID
 - ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
 - ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
 - ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
 - ⑤ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
 - ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS
 - ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
 - ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
 - ⑪ GREEN-PREFORMED THERMOPLASTIC BICYCLIST CROSSING PAVEMENT MARKING LINE - 24" S
 - ⑫ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 4' GAP - 4"
 - ⑬ NOT USED
 - ⑭ GREEN-PREFORMED THERMOPLASTIC PAVEMENT MARKING

MODEL: Default
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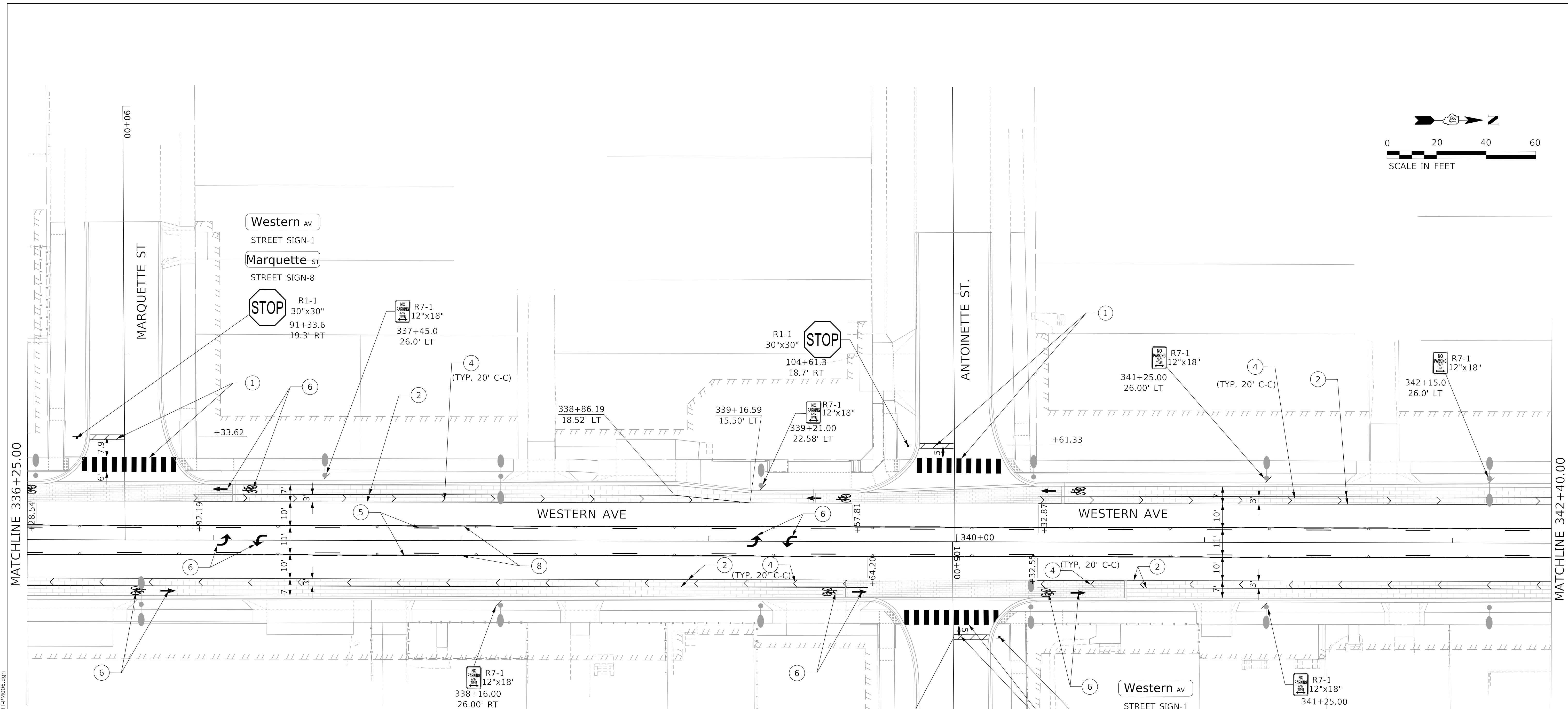
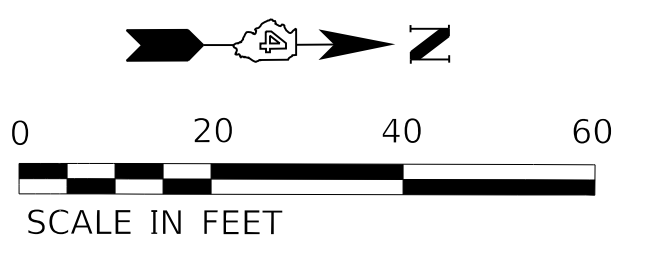


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--------------------------------------|---------|-------------|----------------------------------|
| PAVEMENT MARKINGS AND SIGNING | | | |
| SCALE: 1"=20' | SHEET 5 | OF 9 SHEETS | STA. 330+50.00 TO STA. 336+25.00 |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 247 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



- LEGEND**
- ① WHITE-MODIFIED URETHANE STOP BAR OR CROSSWALK (2' LONG, 2' GAP)
PAVEMENT MARKING LINE - 24" SOLID
 - ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
 - ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
 - ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
 - ⑤ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
 - ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS
 - ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
 - ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
 - ⑪ GREEN-PREFORMED THERMOPLASTIC BICYCLIST CROSSING PAVEMENT MARKING LINE - 24" x 4"
 - ⑫ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 4' GAP - 4"
 - ⑬ NOT USED
 - ⑭ GREEN-PREFORMED THERMOPLASTIC PAVEMENT MARKING

MODEL: D:\default; FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-PM006.dgn



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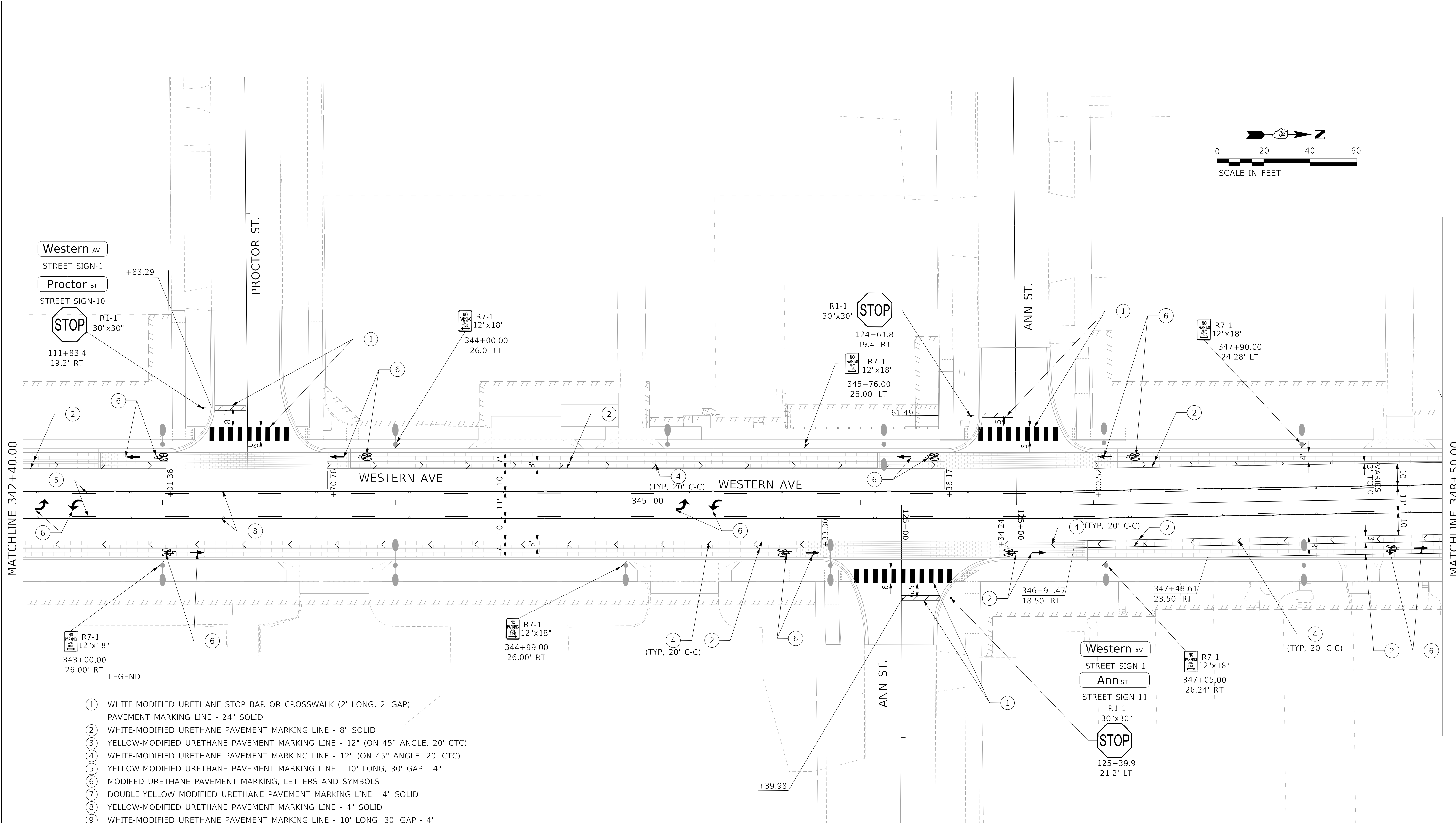
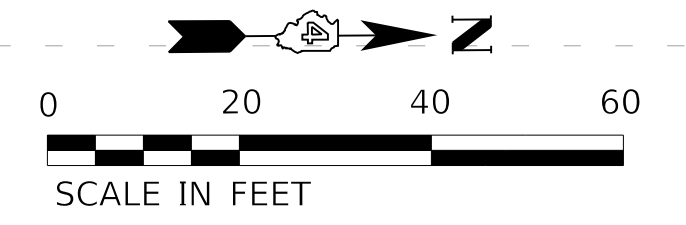
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| REVISED - |
| REVISED - |
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| REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS AND SIGNING

SCALE: 1"=20' SHEET 6 OF 9 SHEETS STA. 336+25.00 TO STA. 342+40.00

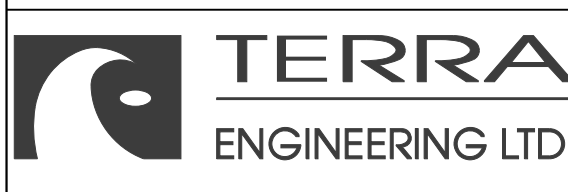
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|---------------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 248 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| | | ILLINOIS FED. AID PROJECT | | |



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR OR CROSSWALK (2' LONG, 2' GAP)
PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑪ GREEN-PREFORMED THERMOPLASTIC BICYCLIST CROSSING PAVEMENT MARKING LINE - 24" S
- ⑫ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 4' GAP - 4"
- ⑬ NOT USED
- ⑭ GREEN-PREFORMED THERMOPLASTIC PAVEMENT MARKING

MODEL: Default
 FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-PM007.dgn



| | | |
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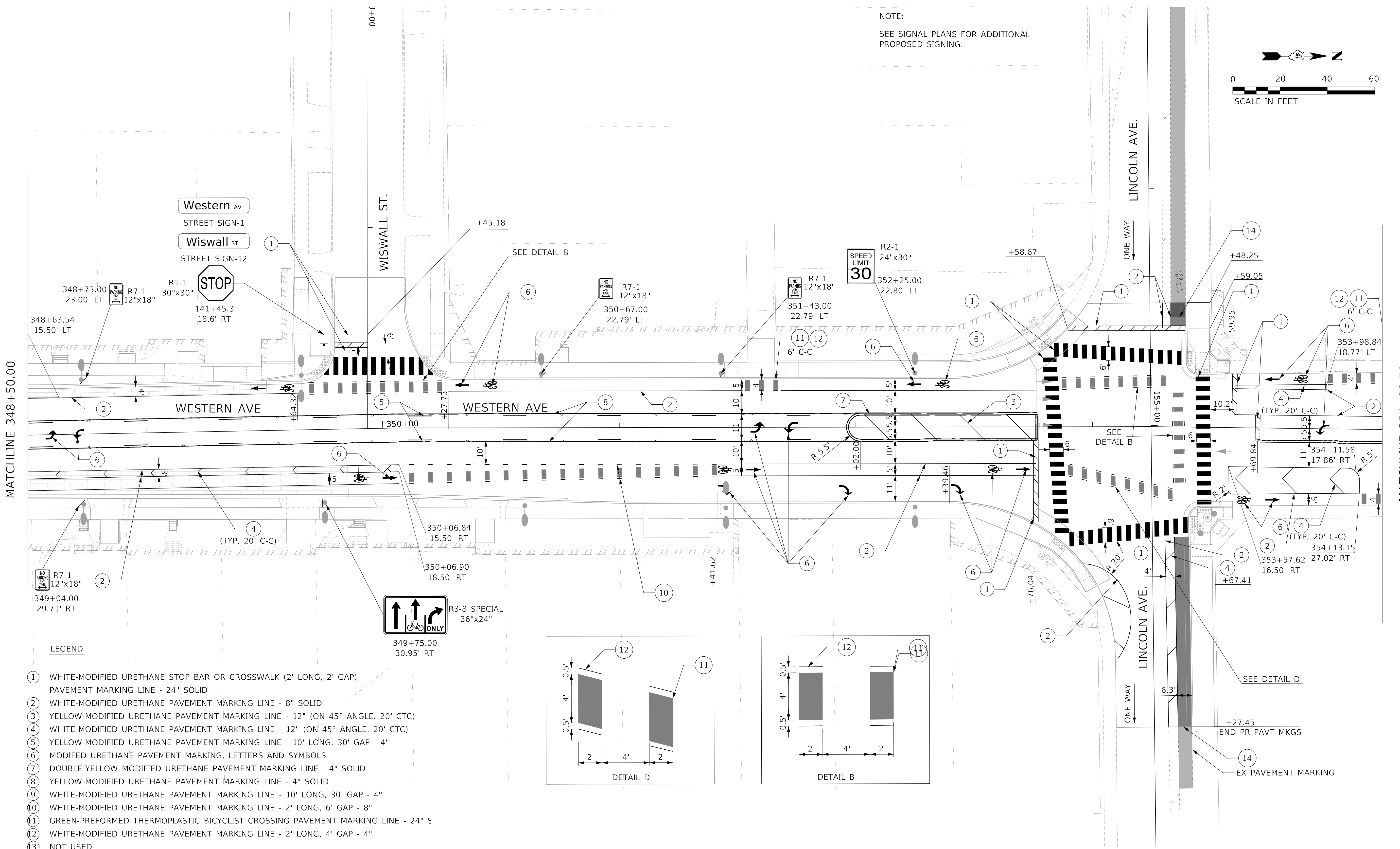
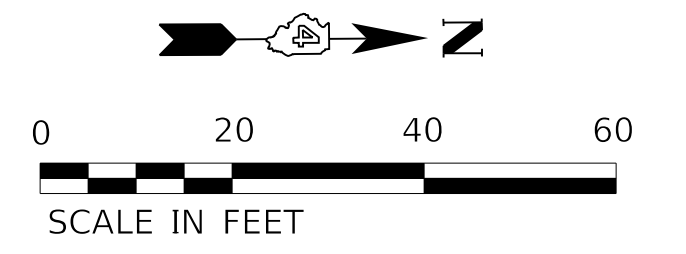
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS AND SIGNING

SCALE: 1"=20' SHEET 7 OF 9 SHEETS STA. 342+40.00 TO STA. 348+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 249 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

NOTE:
SEE SIGNAL PLANS FOR ADDITIONAL
PROPOSED SIGNING.

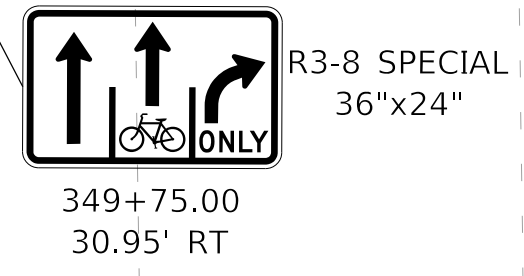
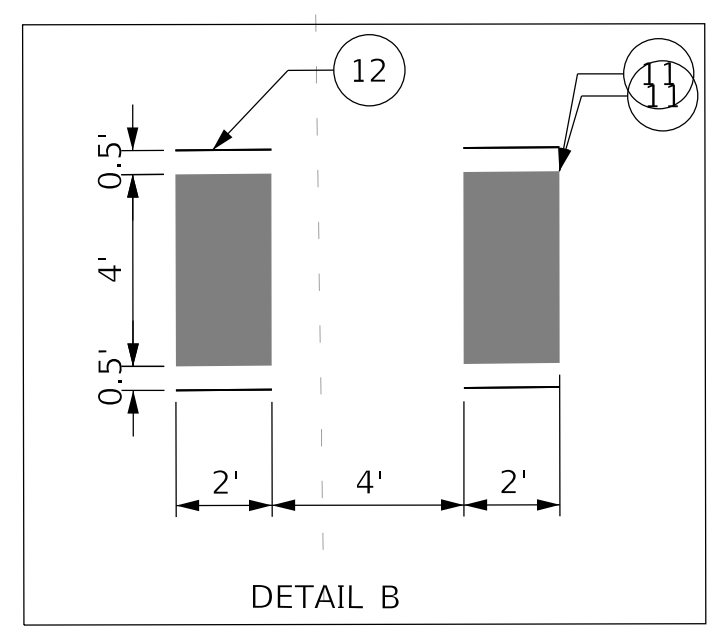
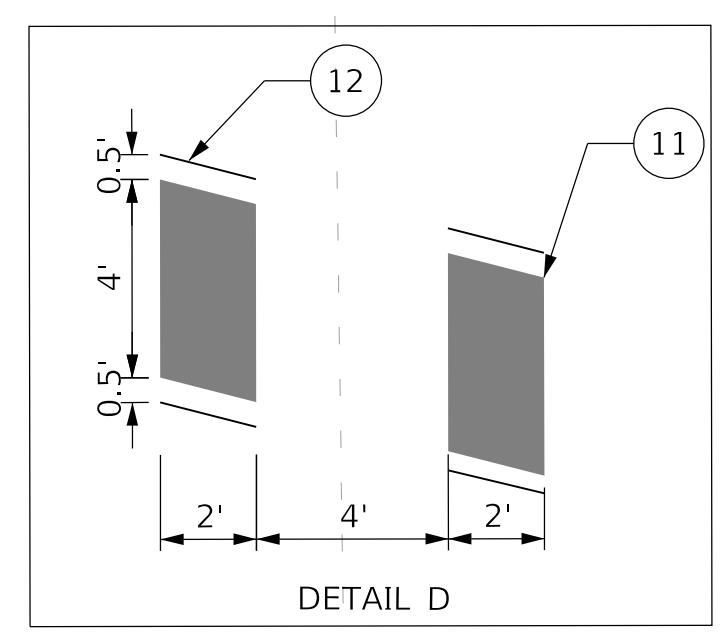


MATCHLINE 348+50.00

MATCHLINE 354+22.50

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR OR CROSSWALK (2' LONG, 2' GAP)
PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑪ GREEN-PREFORMED THERMOPLASTIC BICYCLIST CROSSING PAVEMENT MARKING LINE - 24" x 8"
- ⑫ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 4' GAP - 4"
- ⑬ NOT USED
- ⑭ GREEN-PREFORMED THERMOPLASTIC PAVEMENT MARKING



MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-PM008.dgn



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|-------------------------------------|------------------|-----------|
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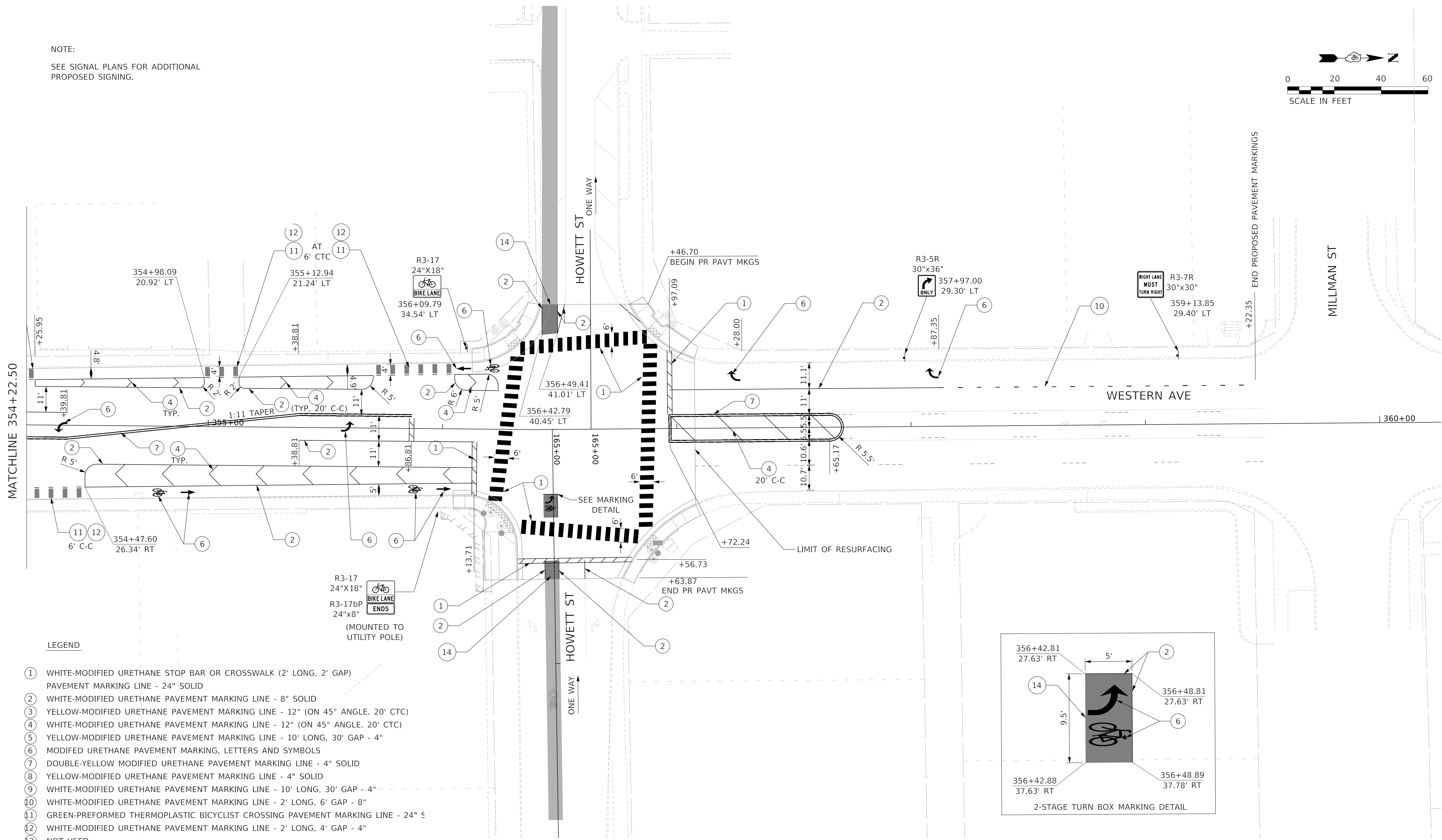
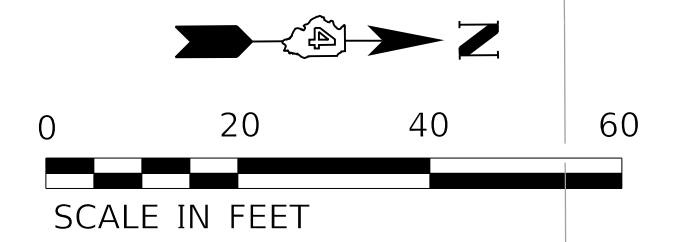
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS AND SIGNING

SCALE: 1"=20' SHEET 8 OF 9 SHEETS STA. 348+50.00 TO STA. 354+25.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 250 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

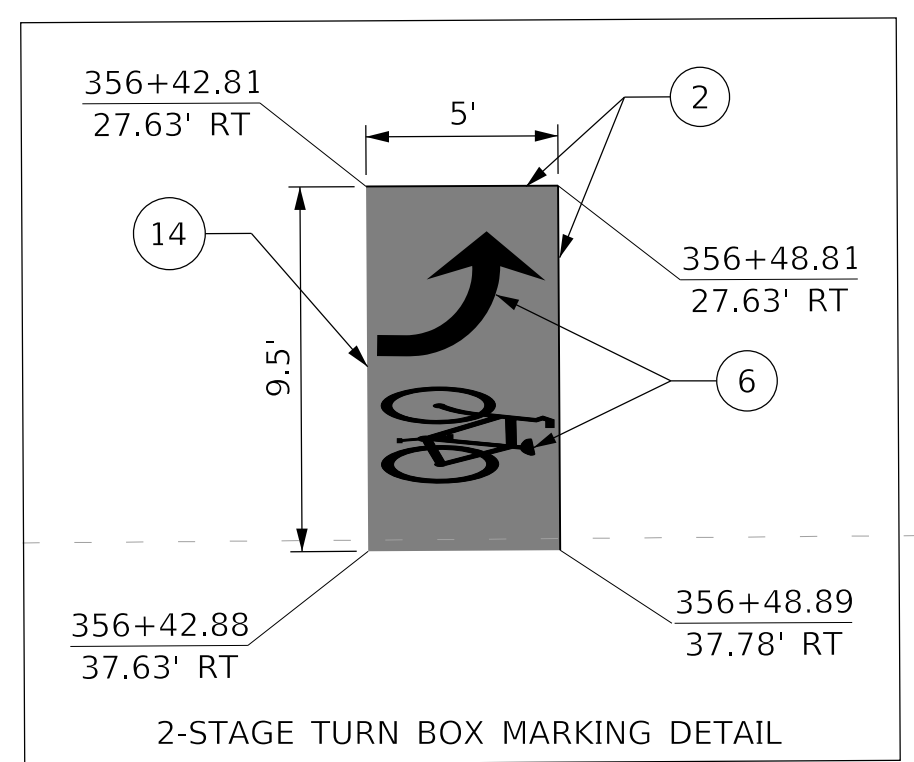
NOTE:
SEE SIGNAL PLANS FOR ADDITIONAL
PROPOSED SIGNING.



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR OR CROSSWALK (2' LONG, 2' GAP)
- ② PAVEMENT MARKING LINE - 24" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ④ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑥ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑦ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS
- ⑧ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑪ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑫ GREEN-PREFORMED THERMOPLASTIC BICYCLIST CROSSING PAVEMENT MARKING LINE - 24" S
- ⑬ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 4' GAP - 4"
- ⑭ NOT USED
- ⑮ GREEN-PREFORMED THERMOPLASTIC PAVEMENT MARKING

R3-17
24"X18"
BIKE LANE
R3-17bP
24"X8"
(MOUNTED TO
UTILITY POLE)



MODEL: D:\default\TERRA\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-PM009.dgn



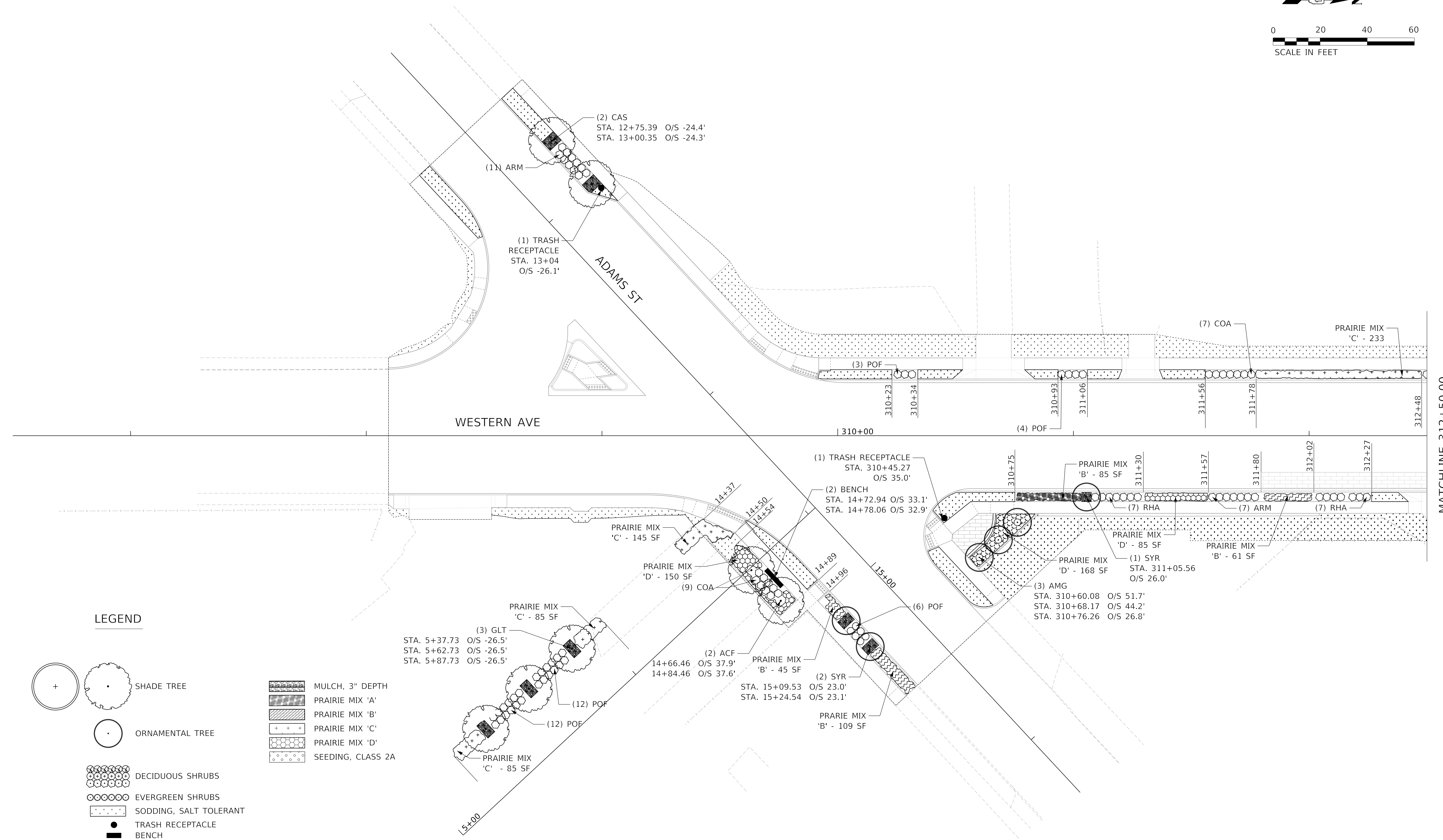
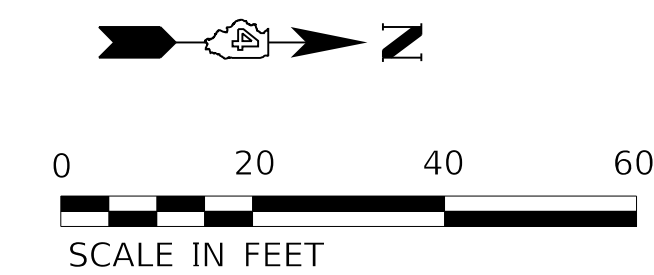
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| PLOT DATE = 2/19/2020 3:59:04 PM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKINGS AND SIGNING

SCALE: 1"=20' SHEET 9 OF 9 SHEETS STA. 354+25.00 TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 251 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- SODDING, SALT TOLERANT
- TRASH RECEPTACLE
- BENCH
- MULCH, 3" DEPTH
- PRAIRIE MIX 'A'
- PRAIRIE MIX 'B'
- PRAIRIE MIX 'C'
- PRAIRIE MIX 'D'
- SEEDING, CLASS 2A

MODEL: D:\default\Terra\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-LANDS001.dgn
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| | | |
|--|------------------|-----------|
| USER NAME = alphonsee | DESIGNED - WP | REVISED - |
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| PLOT DATE = 2/20/2020 11:56:50 AM | DATE - 2/21/2020 | REVISED - |

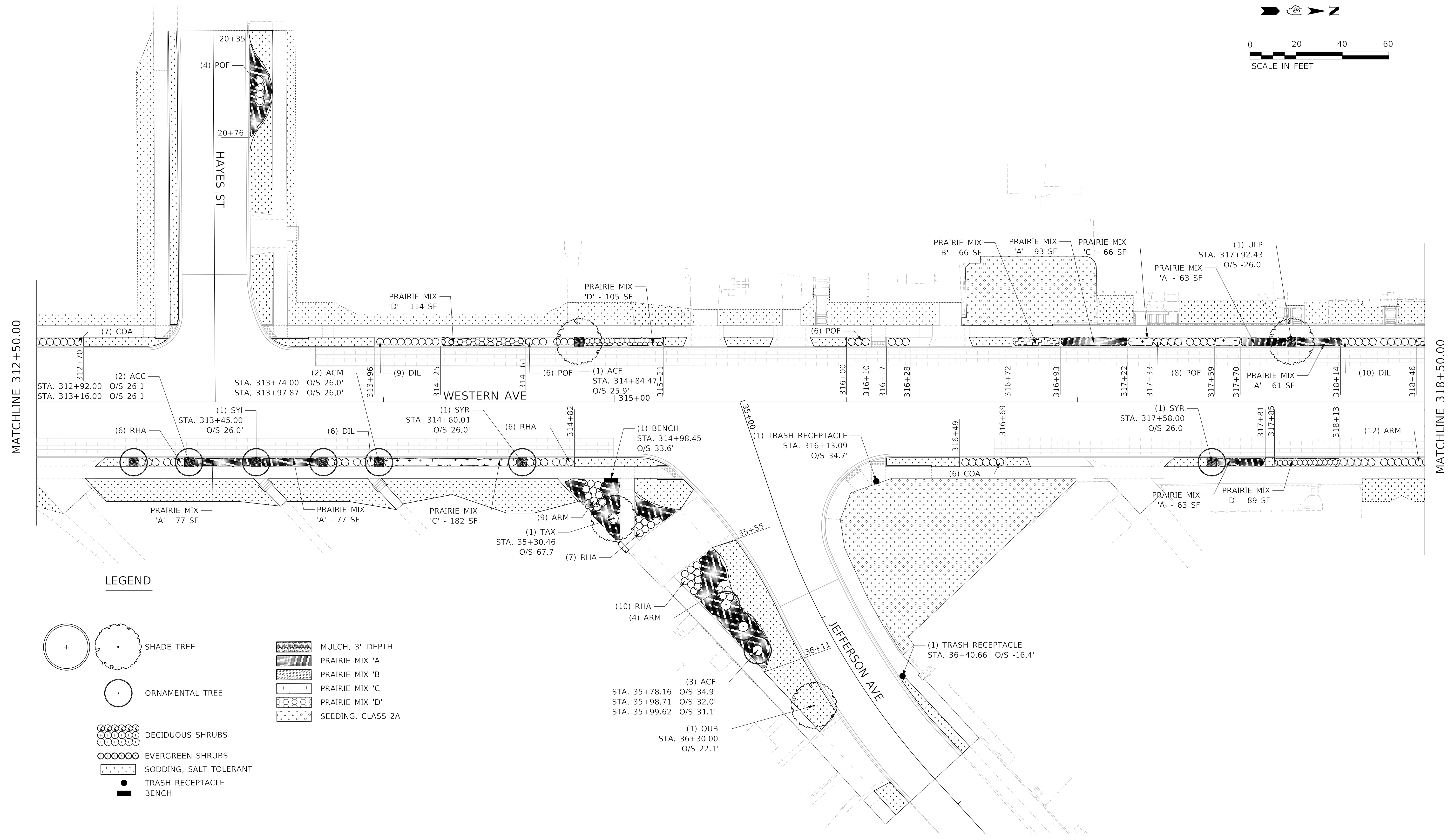
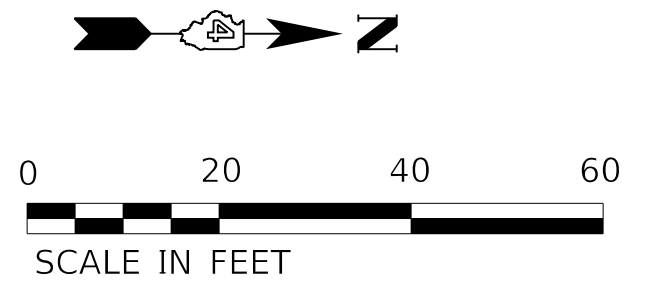
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. TO STA. 312+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 252 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

MATCHLINE 312+50.00



LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- SODDING, SALT TOLERANT
- TRASH RECEPTACLE
- BENCH
- MULCH, 3" DEPTH
- PRAIRIE MIX 'A'
- PRAIRIE MIX 'B'
- PRAIRIE MIX 'C'
- PRAIRIE MIX 'D'
- SEEDING, CLASS 2A

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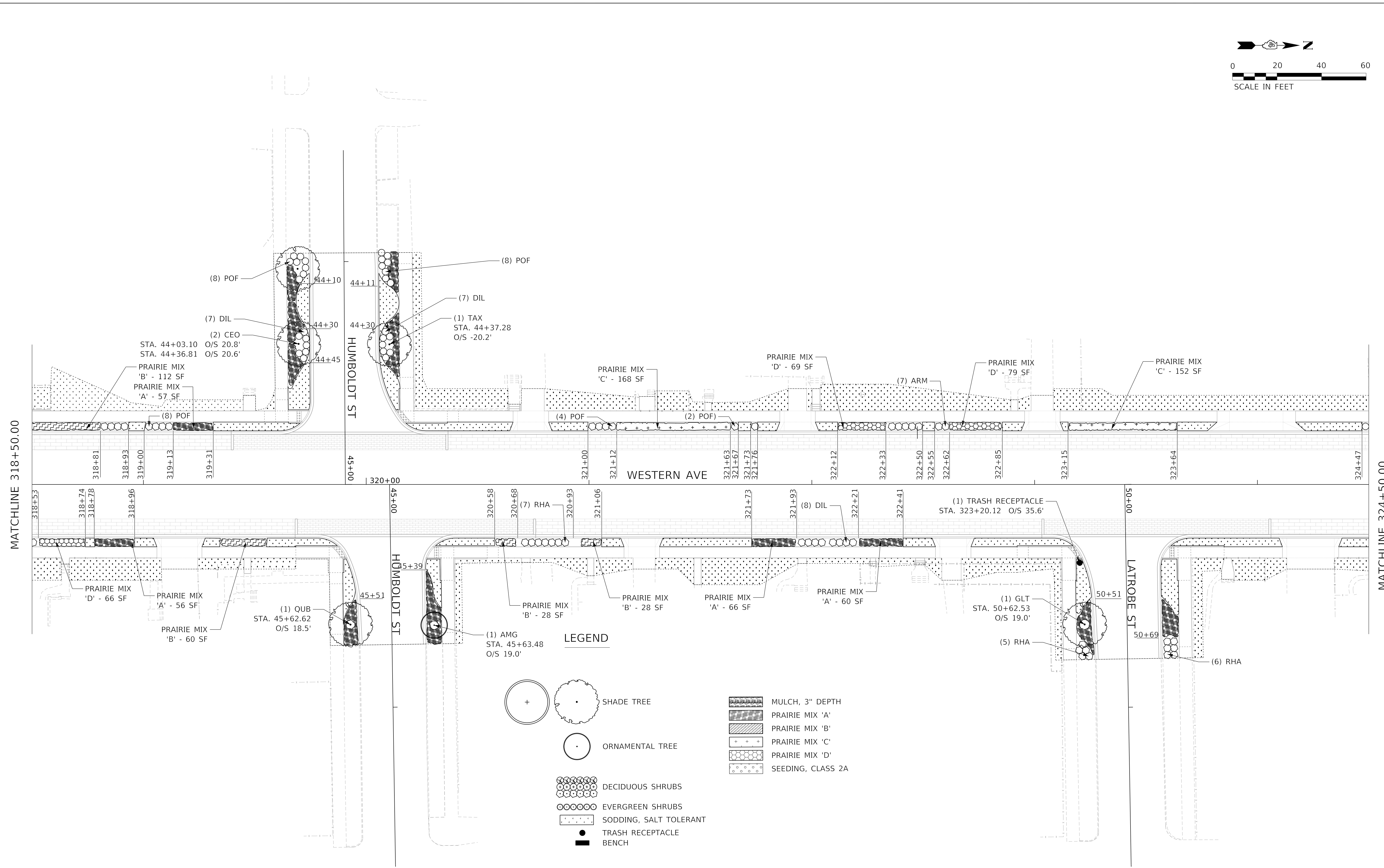
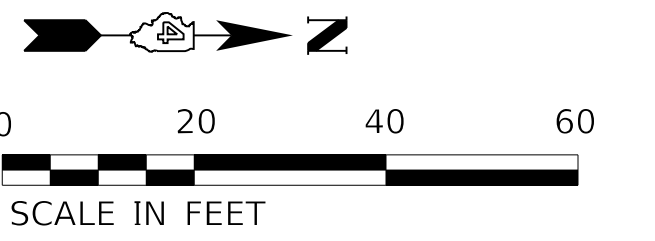
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| | PLOT DATE = 2/20/2020 11:56:55 AM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS

SCALE: 1"=20' SHEET 2 OF 8 SHEETS STA. 312+50.00 TO STA. 318+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 253 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- SODDING, SALT TOLERANT
- TRASH RECEPTACLE
- BENCH
- MULCH, 3" DEPTH
- PRAIRIE MIX 'A'
- PRAIRIE MIX 'B'
- PRAIRIE MIX 'C'
- PRAIRIE MIX 'D'
- SEEDING, CLASS 2A

MODEL: D:\default\...
 FILE NAME: ...
 PROJECT: ...
 CADD: ...
 SHEETS: ...



| | | |
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| USER NAME = alphonse | DESIGNED - WP | REVISED - |
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| PLOT DATE = 2/20/2020 11:57:01 AM | DATE - 2/21/2020 | REVISED - |

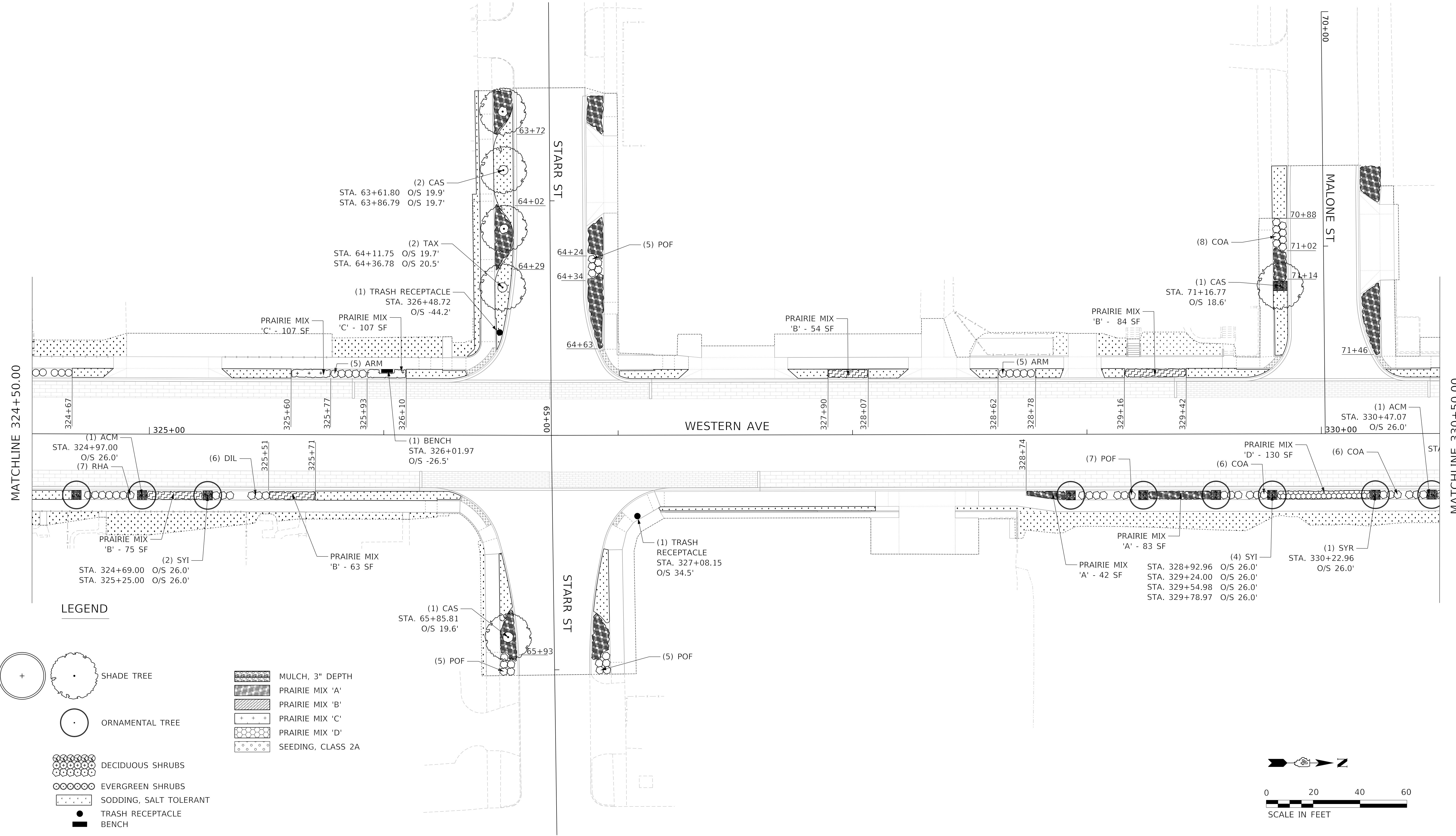
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS

SCALE: 1"=20' SHEET 3 OF 8 SHEETS STA. 318+50.00 TO STA. 324+50.00

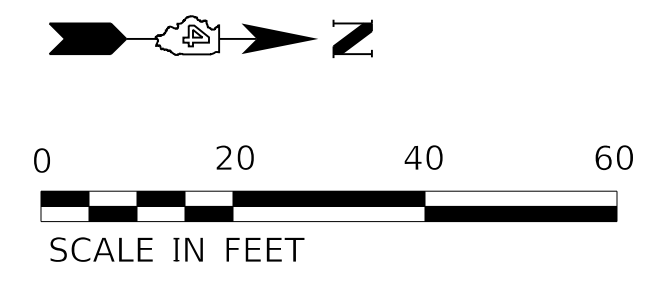
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 254 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |

MODEL: D:\default
 FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-LANDS004.dgn



LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- SODDING, SALT TOLERANT
- TRASH RECEPTACLE
- BENCH
- MULCH, 3" DEPTH
- PRAIRIE MIX 'A'
- PRAIRIE MIX 'B'
- PRAIRIE MIX 'C'
- PRAIRIE MIX 'D'
- SEEDING, CLASS 2A



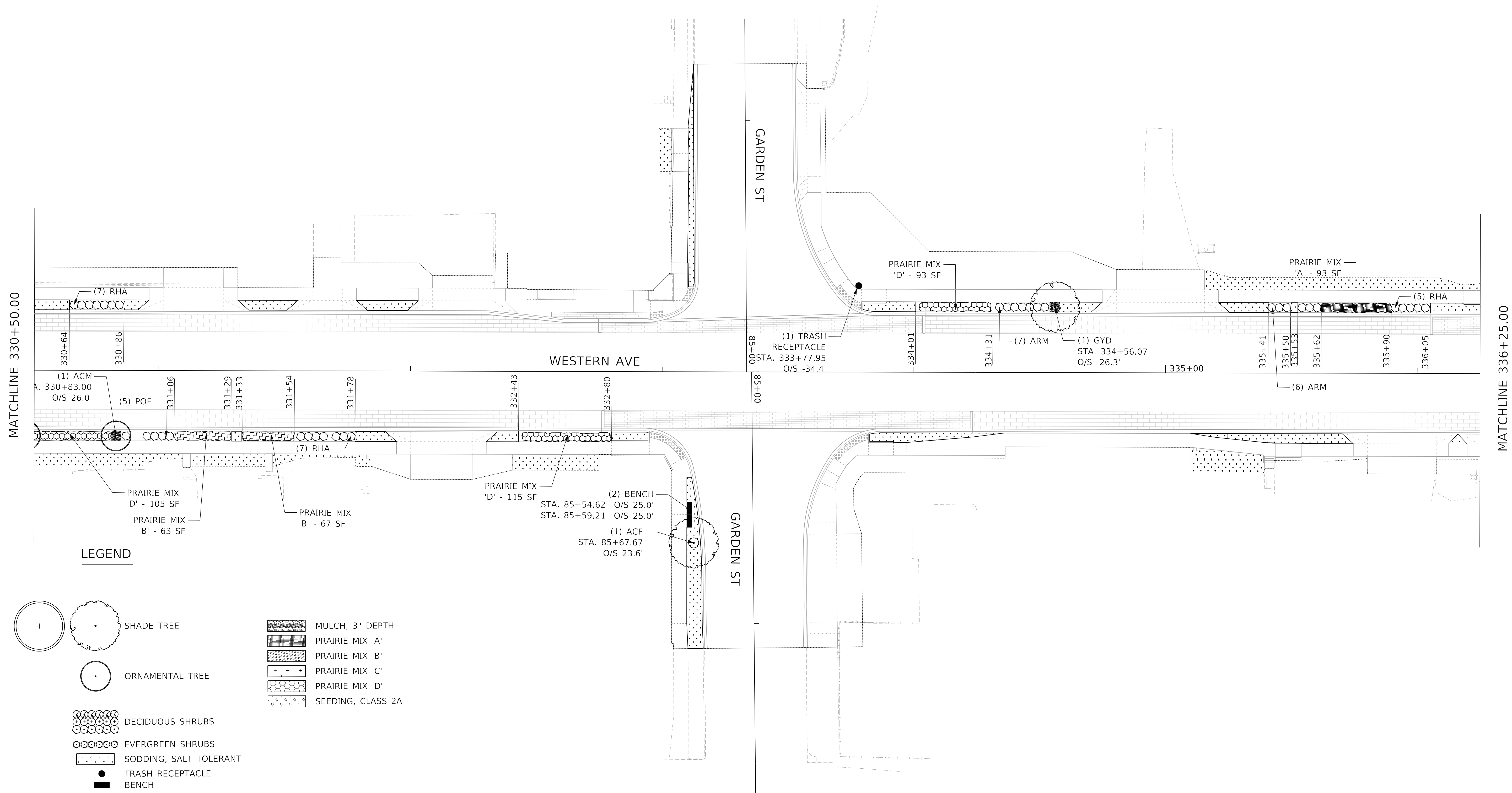
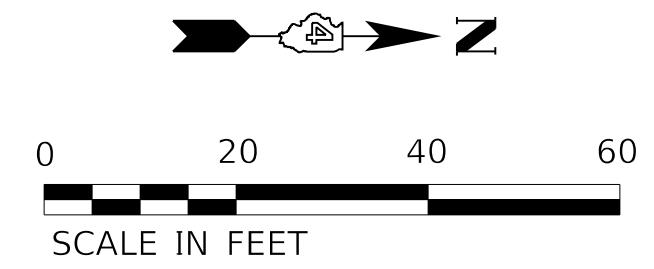
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| PLOT DATE = 2/20/2020 11:57:07 AM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS

SCALE: 1"=20' SHEET 4 OF 8 SHEETS STA. 324+50.00 TO STA. 330+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 255 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- SODDING, SALT TOLERANT
- TRASH RECEPTACLE
- BENCH
- MULCH, 3" DEPTH
- PRAIRIE MIX 'A'
- PRAIRIE MIX 'B'
- PRAIRIE MIX 'C'
- PRAIRIE MIX 'D'
- SEEDING, CLASS 2A

MODEL: D:\default; FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-LANDS005.dgn



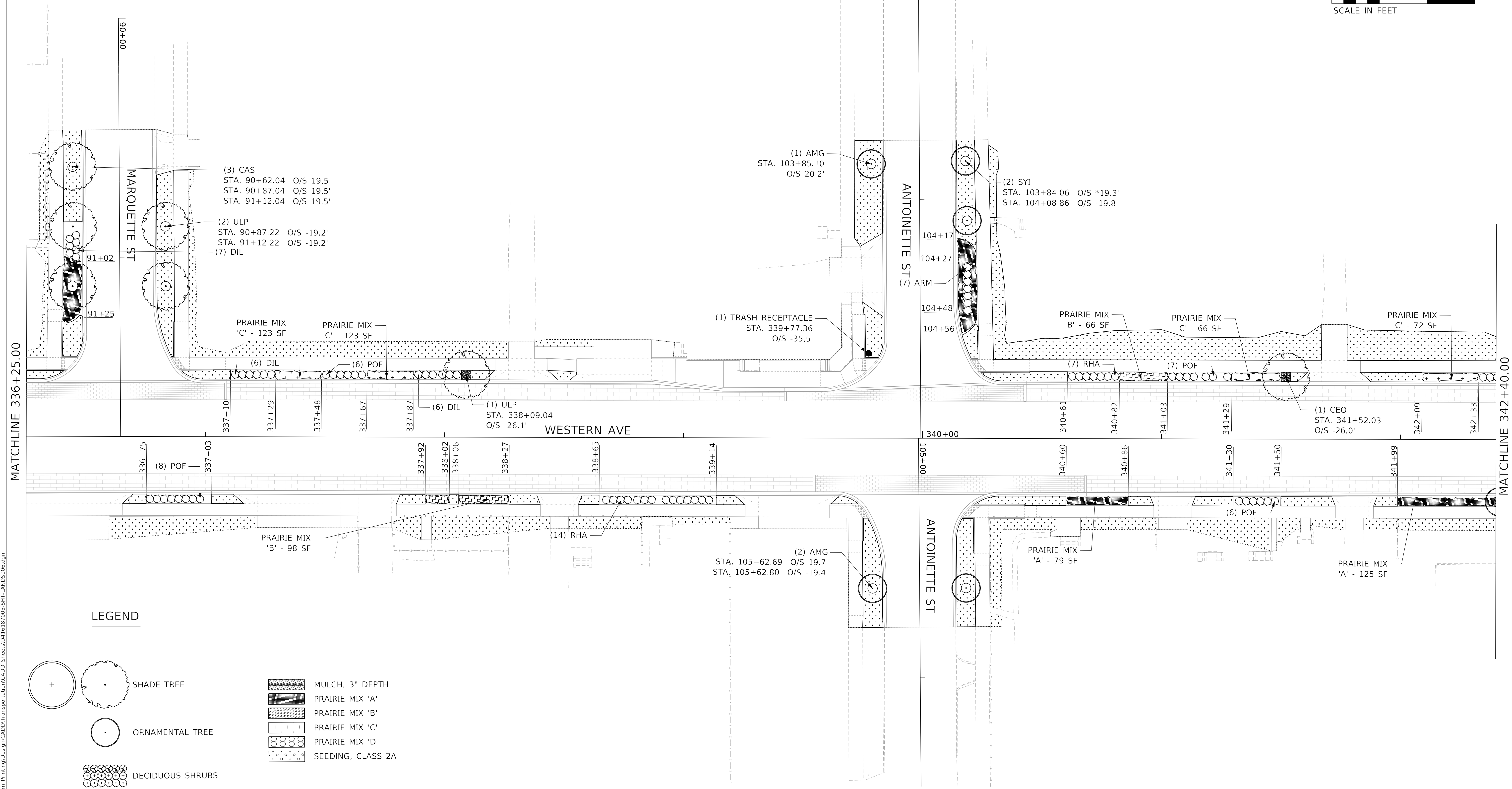
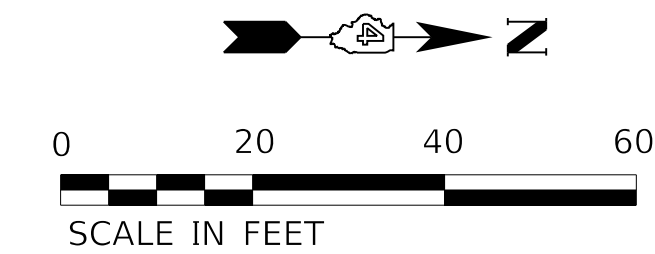
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| PLOT DATE = 2/20/2020 11:57:13 AM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 330+50.00 TO STA. 336+25.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 256 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- SODDING, SALT TOLERANT
- TRASH RECEPTACLE
- BENCH
- MULCH, 3" DEPTH
- PRAIRIE MIX 'A'
- PRAIRIE MIX 'B'
- PRAIRIE MIX 'C'
- PRAIRIE MIX 'D'
- SEEDING, CLASS 2A

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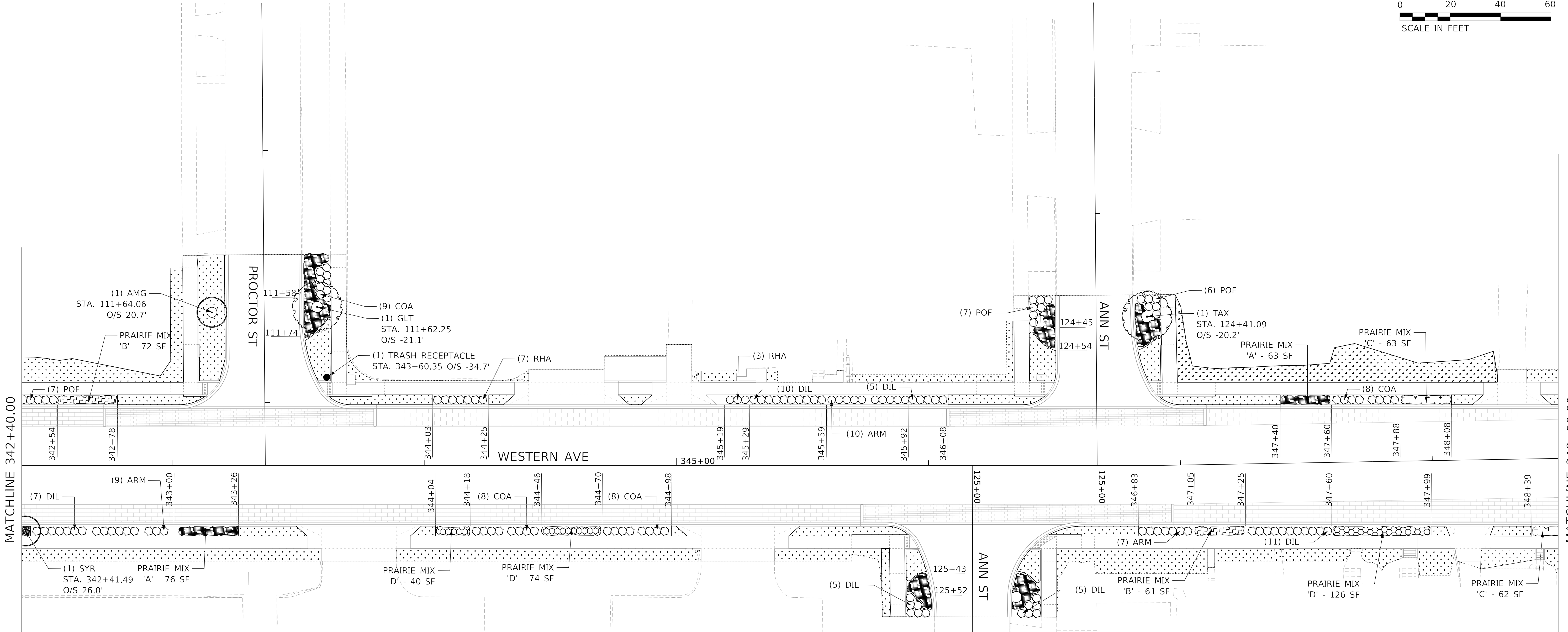
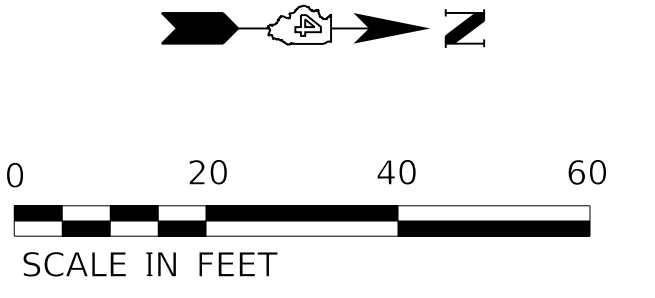
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| PLOT SCALE = | 20.0000' / in. | CHECKED - | KG | REVISED - | |
| PLOT DATE = | 2/20/2020 11:57:19 AM | DATE - | 2/21/2020 | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS

SCALE: 1"=20' SHEET 6 OF 8 SHEETS STA. 336+25.00 TO STA. 342+40.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 257 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- SODDING, SALT TOLERANT
- TRASH RECEPTACLE
- BENCH
- MULCH, 3" DEPTH
- PRAIRIE MIX 'A'
- PRAIRIE MIX 'B'
- PRAIRIE MIX 'C'
- PRAIRIE MIX 'D'
- SEEDING, CLASS 2A

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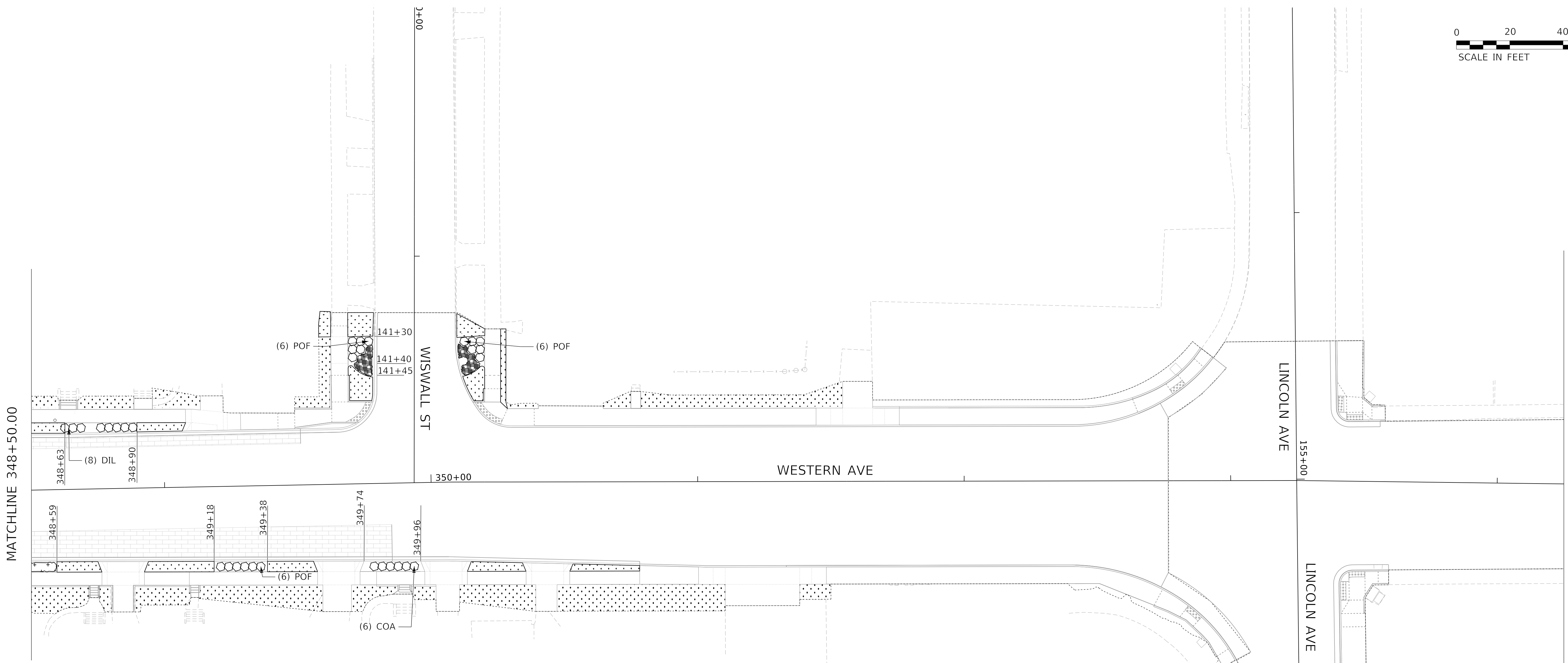
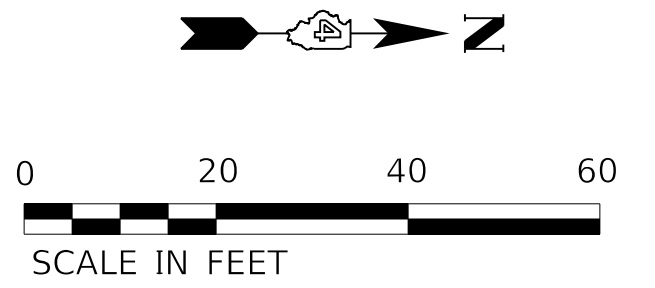
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| PLOT DATE | = 2/20/2020 11:57:24 AM | DATE | - 2/21/2020 | REVISED | - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS

SCALE: 1"=20' SHEET 7 OF 8 SHEETS STA. 342+40.00 TO STA. 348+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 258 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| | | ILLINOIS | FED. AID PROJECT | |



LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- SODDING, SALT TOLERANT
- TRASH RECEPTACLE
- BENCH
- MULCH, 3" DEPTH
- PRAIRIE MIX 'A'
- PRAIRIE MIX 'B'
- PRAIRIE MIX 'C'
- PRAIRIE MIX 'D'
- SEEDING, CLASS 2A

MODEL: D:\default...
 FILE NAME: ...
 PROJECT: ...
 CADD: ...
 SHEETS: ...



| | | | | | |
|------------|-------------------------------|----------|-------------|---------|---|
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| PLOT DATE | = 2/20/2020 11:57:30 AM | DATE | - 2/21/2020 | REVISED | - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLANS

SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. 348+50.00 TO STA. 354+25.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 259 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |

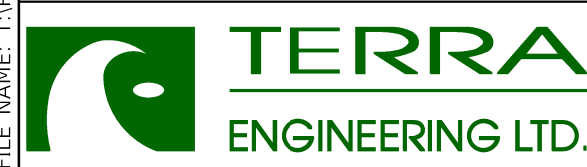
| LANDSCAPING SCHEDULE 1 | | | | | | | | | |
|------------------------|---------------|-------|--------------------------------|-----------------------------------|-------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|----------------------------------|
| LOCATION | | | 21101615 TOPSOIL F & P 4 | 25000400 NITROGEN FERT NUTR | 25000500 PHOSPHORUS FERT NUTR | 25000600 POTASSIUM FERT NUTR | 25200110 SODDING SALT TOLERANT | 25200200 SUPPLEMENTAL WATERING | K0036118 MULCH PLACEMENT 3 |
| START STREET | END STREET | LT/RT | SQ YD | POUND | POUND | POUND | SQ YD | UNIT | UNIT |
| Adams | Hayes | LT | 554 | 7 | 7 | 7 | 554 | 28 | 7 |
| Hayes | Humboldt | LT | 709 | 9 | 9 | 9 | 709 | 35 | 3 |
| Humboldt | Starr | LT | 616 | 8 | 8 | 8 | 616 | 31 | 0 |
| Starr | Malone | LT | 109 | 1 | 1 | 1 | 109 | 5 | 3 |
| Malone | Garden | LT | 60 | 1 | 1 | 1 | 60 | 3 | 0 |
| Garden | Marquette | LT | 159 | 2 | 2 | 2 | 159 | 8 | 2 |
| Marquette | Antoinette | LT | 255 | 3 | 3 | 3 | 255 | 13 | 2 |
| Antoinette | Proctor | LT | 489 | 6 | 6 | 6 | 489 | 24 | 2 |
| Proctor | Ann | LT | 116 | 1 | 1 | 1 | 116 | 6 | 0 |
| Ann | Wiswall | LT | 229 | 3 | 3 | 3 | 229 | 11 | 0 |
| Wiswall | Lincoln | LT | 69 | 1 | 1 | 1 | 69 | 3 | 0 |
| Adams | Jefferson | RT | 773 | 10 | 10 | 10 | 773 | 39 | 19 |
| Jefferson | Humboldt | RT | 247 | 3 | 3 | 3 | 247 | 12 | 2 |
| Humboldt | Latrobe | RT | 226 | 3 | 3 | 3 | 226 | 11 | 0 |
| Latrobe | Starr | RT | 253 | 3 | 3 | 3 | 253 | 13 | 5 |
| Starr | Garden | RT | 334 | 4 | 4 | 4 | 334 | 17 | 12 |
| Garden | Antoinette | RT | 258 | 3 | 3 | 3 | 258 | 13 | 0 |
| Antoinette | Ann | RT | 415 | 5 | 5 | 5 | 415 | 21 | 2 |
| Ann | Lincoln | RT | 418 | 5 | 5 | 5 | 418 | 21 | 0 |
| TREE ROOT PRUNING | | | | 10 | 10 | 10 | | | |
| TOTAL | | | 6291 | 88 | 88 | 88 | 6291 | 315 | 59 |

| LANDSCAPING SCHEDULE 3 | | |
|------------------------|---------|------------------|
| LOCATION | | K0026830 |
| | | SHRUB REMOVAL |
| STATION | STATION | EACH |
| 336+16 | RT | 3 |
| 349+97 | RT | 2 |
| 349+60 | LT | 16 |
| TOTAL | | 21 |

| LANDSCAPING SCHEDULE 2* | | | | |
|-------------------------|--|-------|---------|----------|
| PAY TIEM | DESCRIPTION | UNIT | CALLOUT | QUANTITY |
| A2000320 | TREE, ACER MIYABEI MORTON (STATE STREET MIYABE MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED | EACH | ACM | 5 |
| A2001020 | TREE, ACER RUBRUM (RED MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED | EACH | ACF | 7 |
| A2002820 | TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 2-1/2" CALIPER, BALLED AND BURLAPPED | EACH | CAS | 9 |
| A2002920 | TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED | EACH | CEO | 3 |
| A2004620 | TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED | EACH | GLT | 5 |
| A2005020 | TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED | EACH | GYD | 1 |
| A2006516 | TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED | EACH | QUB | 2 |
| A2007620 | TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED | EACH | TAX | 5 |
| A2008722 | TREE, ULMUS PATRIOT (PATRIOT ELM), 2" CALIPER, BALLED AND BURLAPPED | EACH | ULP | 4 |
| B2000120 | TREE, ACER CAMPESTRE (HEDGE MAPLE), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED | EACH | ACC | 2 |
| B2000769 | TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 8' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED | EACH | AMG | 8 |
| B2006270 | TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED | EACH | SYR | 7 |
| B2006370 | TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED | EACH | SYI | 9 |
| C2002136 | SHRUB, COTONEASTER APICULATUS (CRANBERRY COTONEASTER), 3' WIDTH, BALLED AND BURLAPPED | EACH | COA | 123 |
| C20023G5 | SHRUB, DIERVILLA LONICERA (BUSH HONEY SUCKLE), 5-GALLON | EACH | DIL | 185 |
| C2005124 | SHRUB, POTENTILLA FRUTICOSA JACKMANII (JACKMANS BUSH CINQUEFOIL), 2' HEIGHT, BALLED AND BURLAPPED | EACH | POF | 118 |
| C20058G4 | SHRUB, RHUS AROMATICA GRO-LOW, (GRO- LOW SUMAC), CONTAINER GROWN, 3-GALLON | EACH | RHA | 72 |
| C2C019G5 | SHRUB, ARONIA MELANOCARPA IROQUOIS BEAUTY (IROQUOIS BEAUTY BLACK CHOKEBERRY), CONTAINER GROWN, 5-GALLON | EACH | ARM | 112 |
| K0013020 | PERENNIAL PLANTS, PRAIRIE TYPE, GALLON POT | UNIT | | 26 |
| K0026850 | PERENNIAL PLANT CARE | SQ YD | | 675 |
| K0029634 | WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE | SQ YD | | 137 |
| X0327808 | PLANTING SOIL MIX FURNISH AND PLACE, 18" | SQ YD | | 6496 |
| X0327820 | PLANTING SOIL MIX FURNISH AND PLACE, 30" | SQ YD | | 113 |
| XX007857 | TRASH RECEPTACLE, FURNISH AND INSTALL | EACH | SYMBOL | 10 |
| Z0003850 | BENCHES | EACH | SYMBOL | 6 |

*REFER TO LANDSCAPING PLANS FOR LOCATIONS

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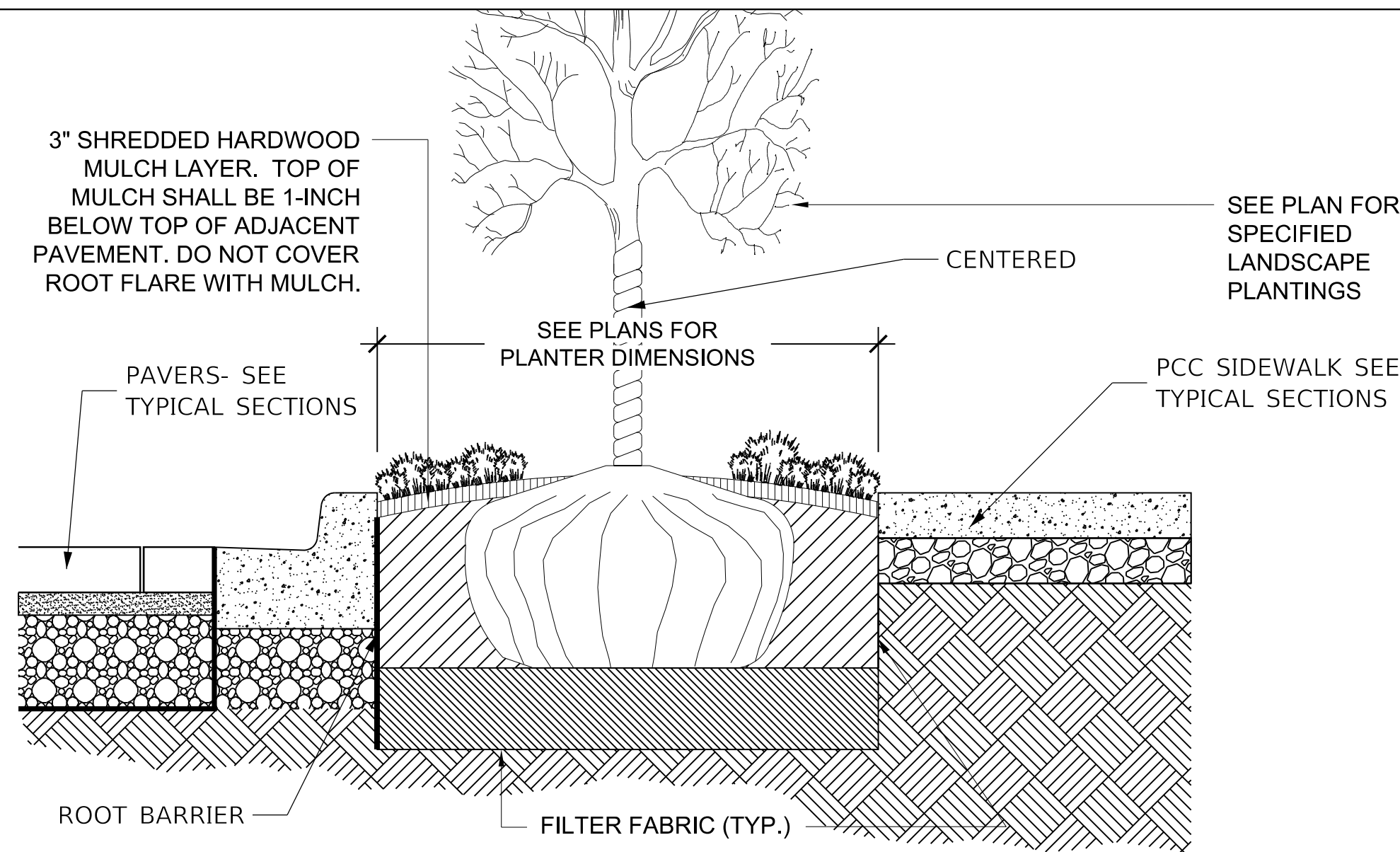
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

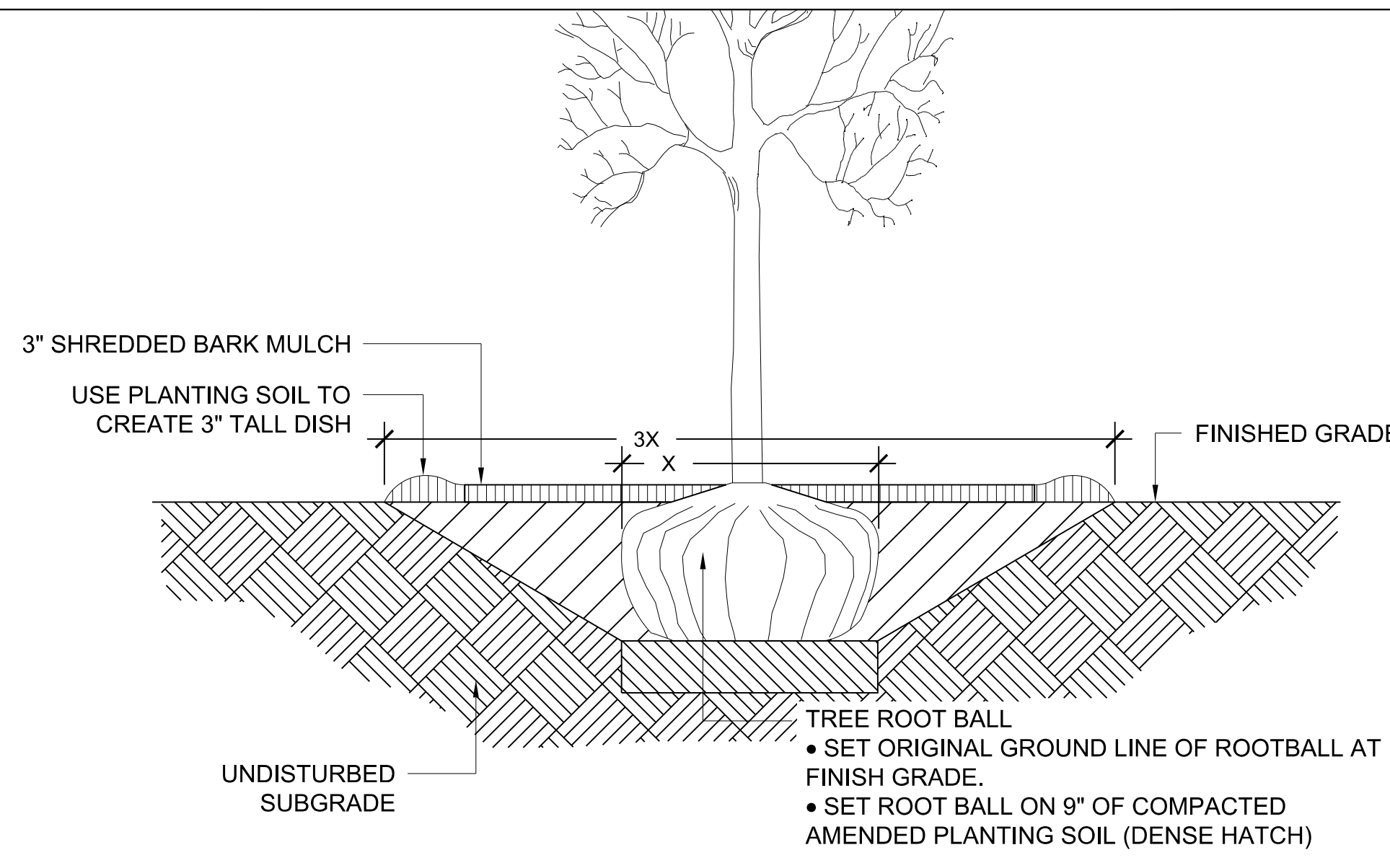
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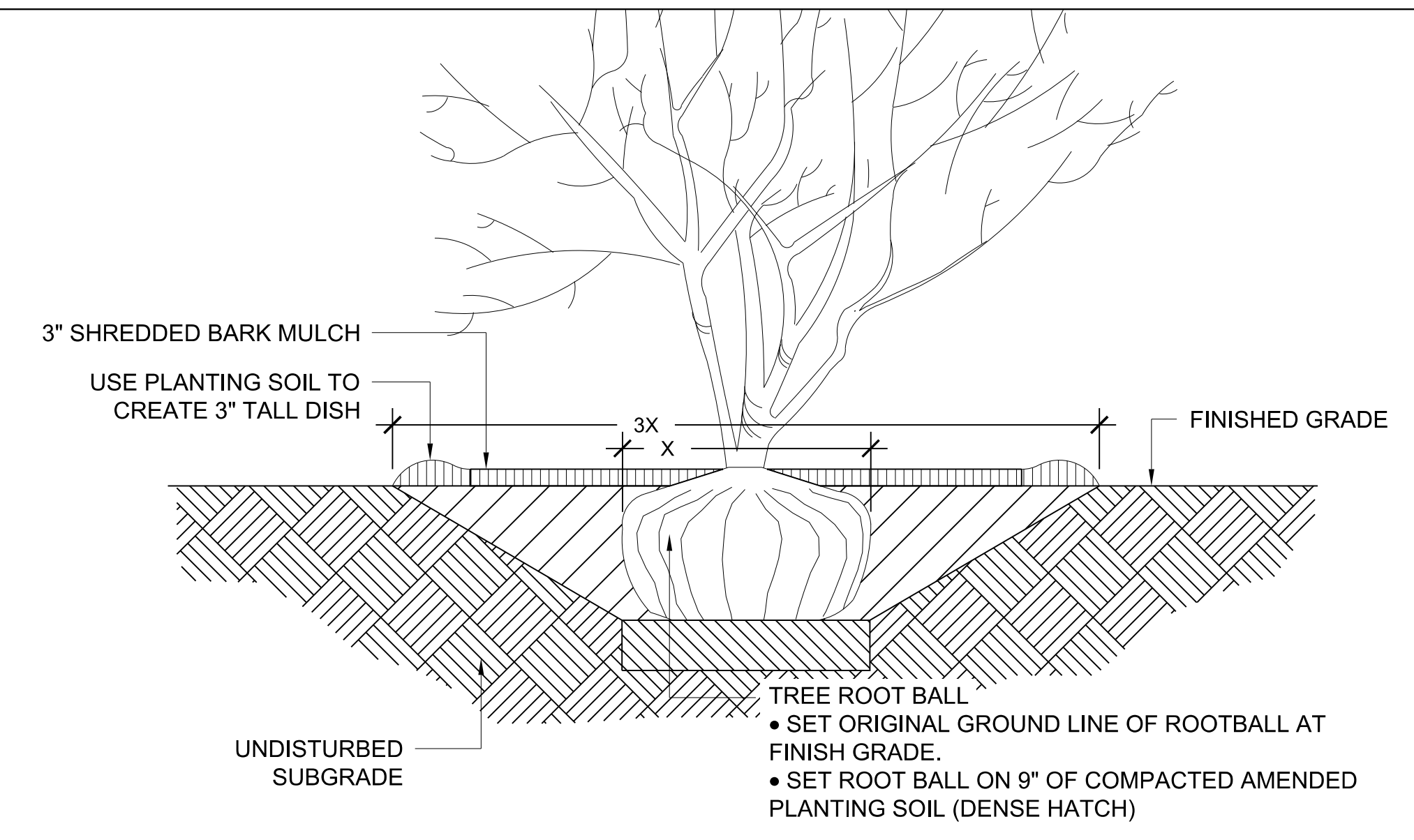
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| ILLINOIS FED. AID PROJECT | | | | |



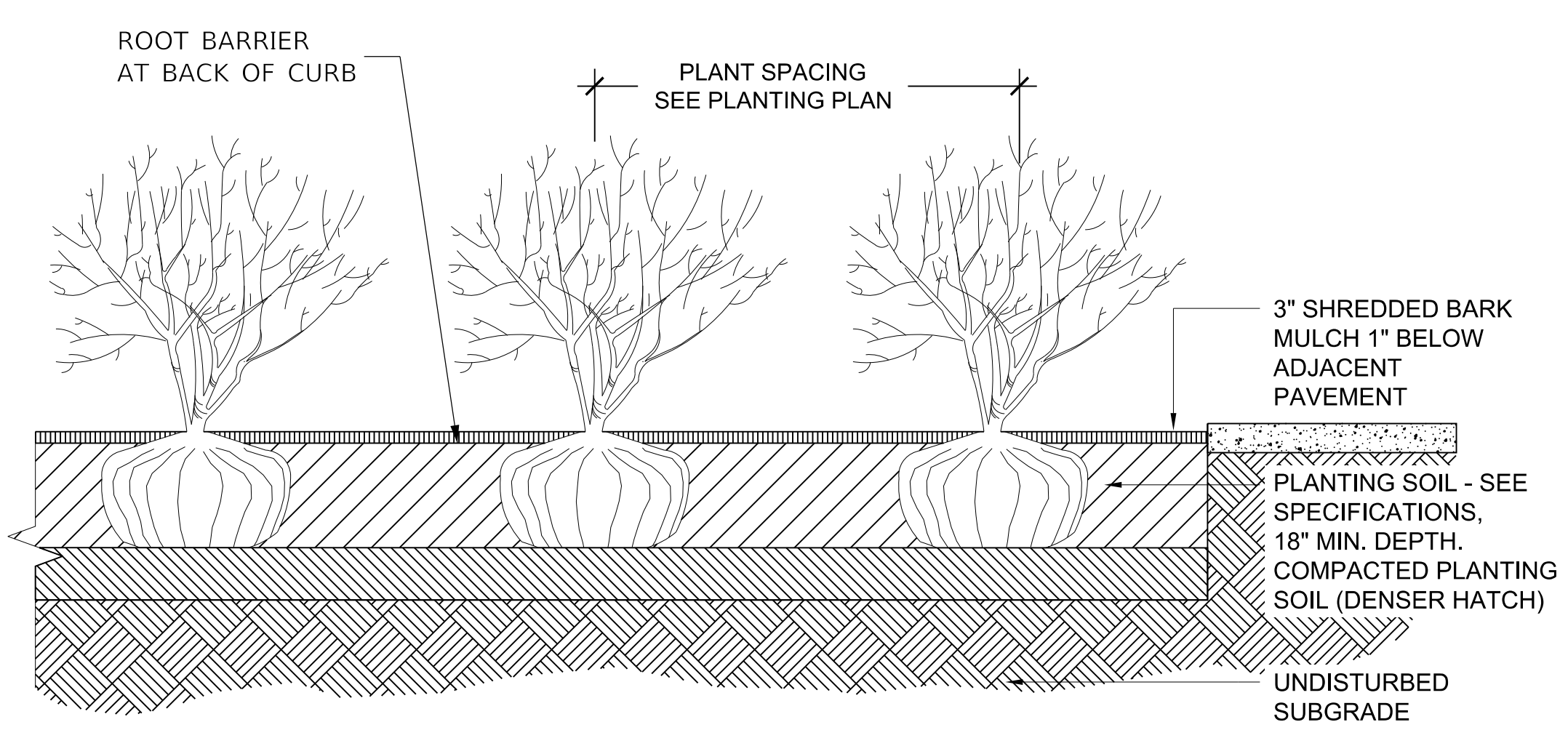
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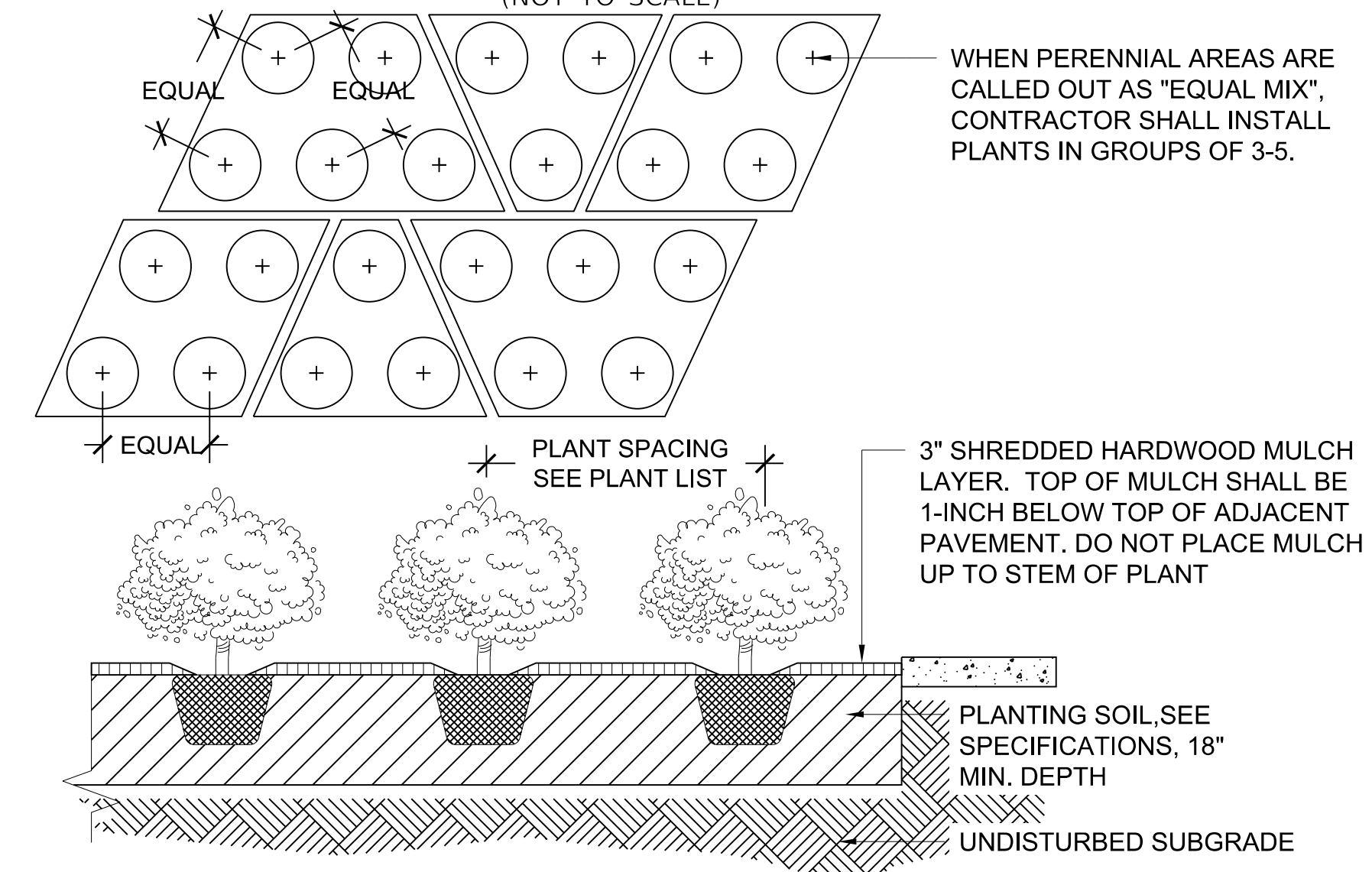
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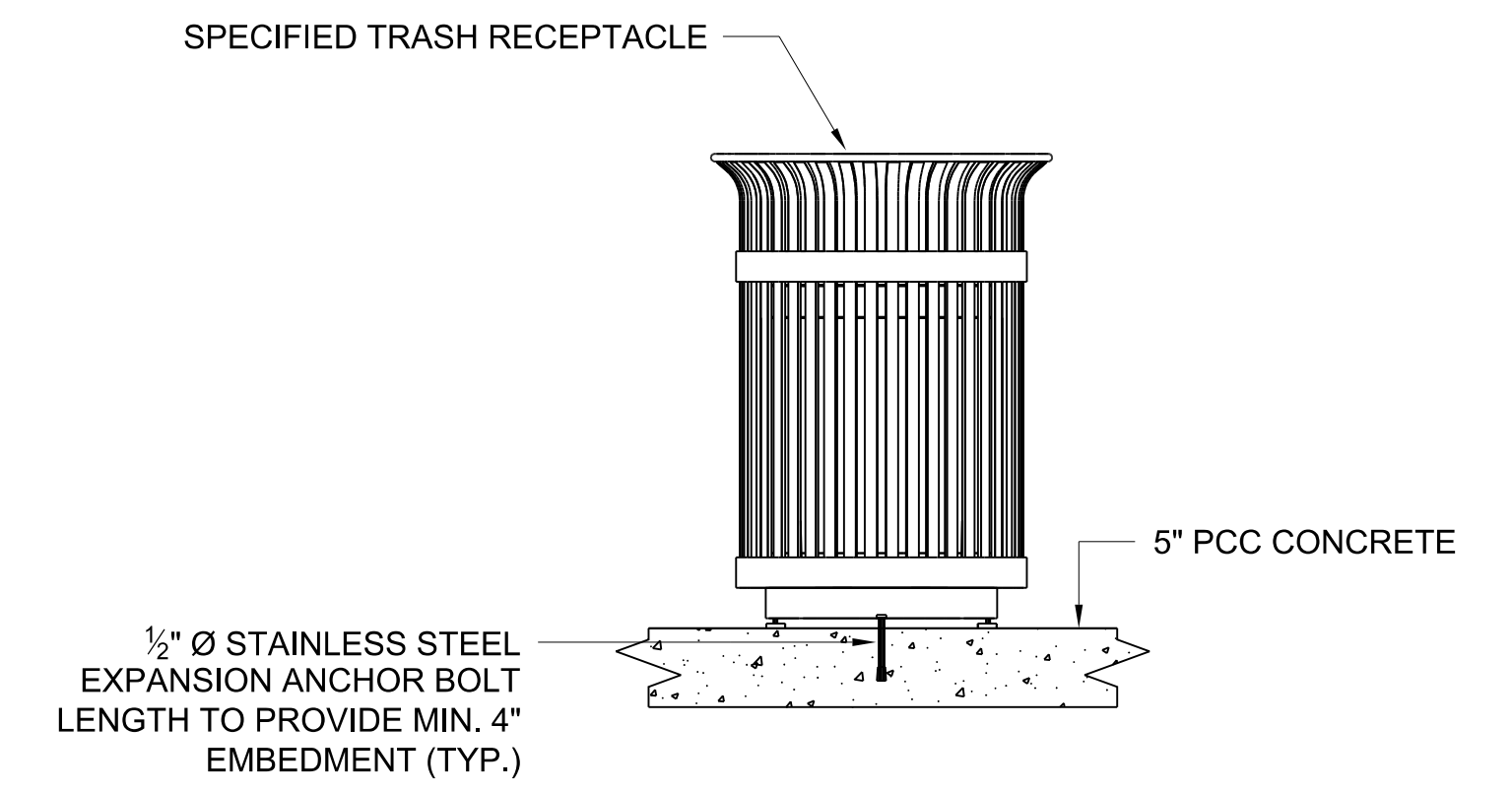
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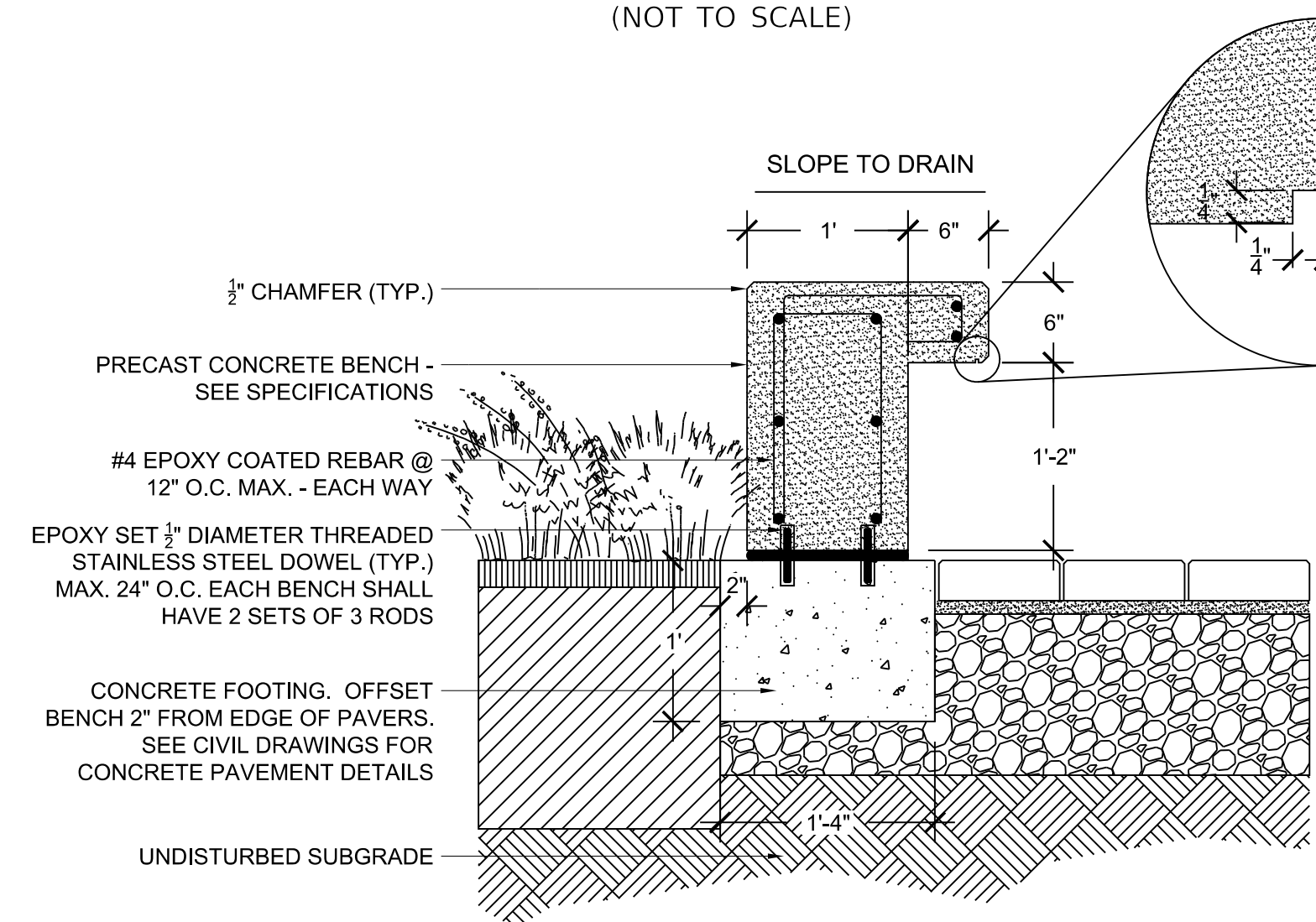
SHRUB PLANTING DETAIL
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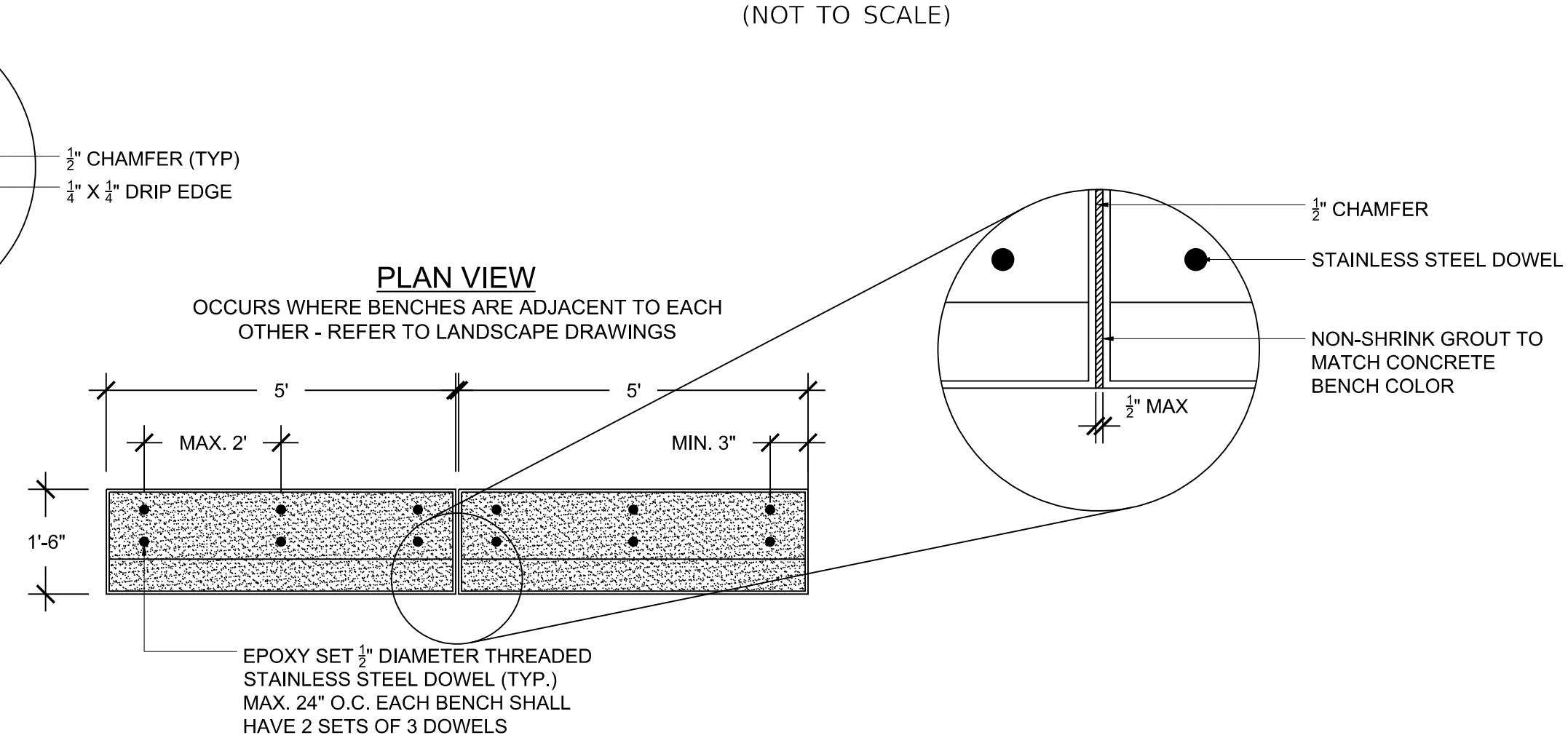
GROUNDCOVER/PERENNIAL PLANTING DETAIL
(NOT TO SCALE)



TRASH RECEPTACLE
(NOT TO SCALE)



PRECAST CONCRETE BENCH
(NOT TO SCALE)



NOTE:
1. EPOXY ADHESIVE SHALL BE HILTI HIT-HY 200 OR EQUIVALENT, USE MIN. 3\"/>

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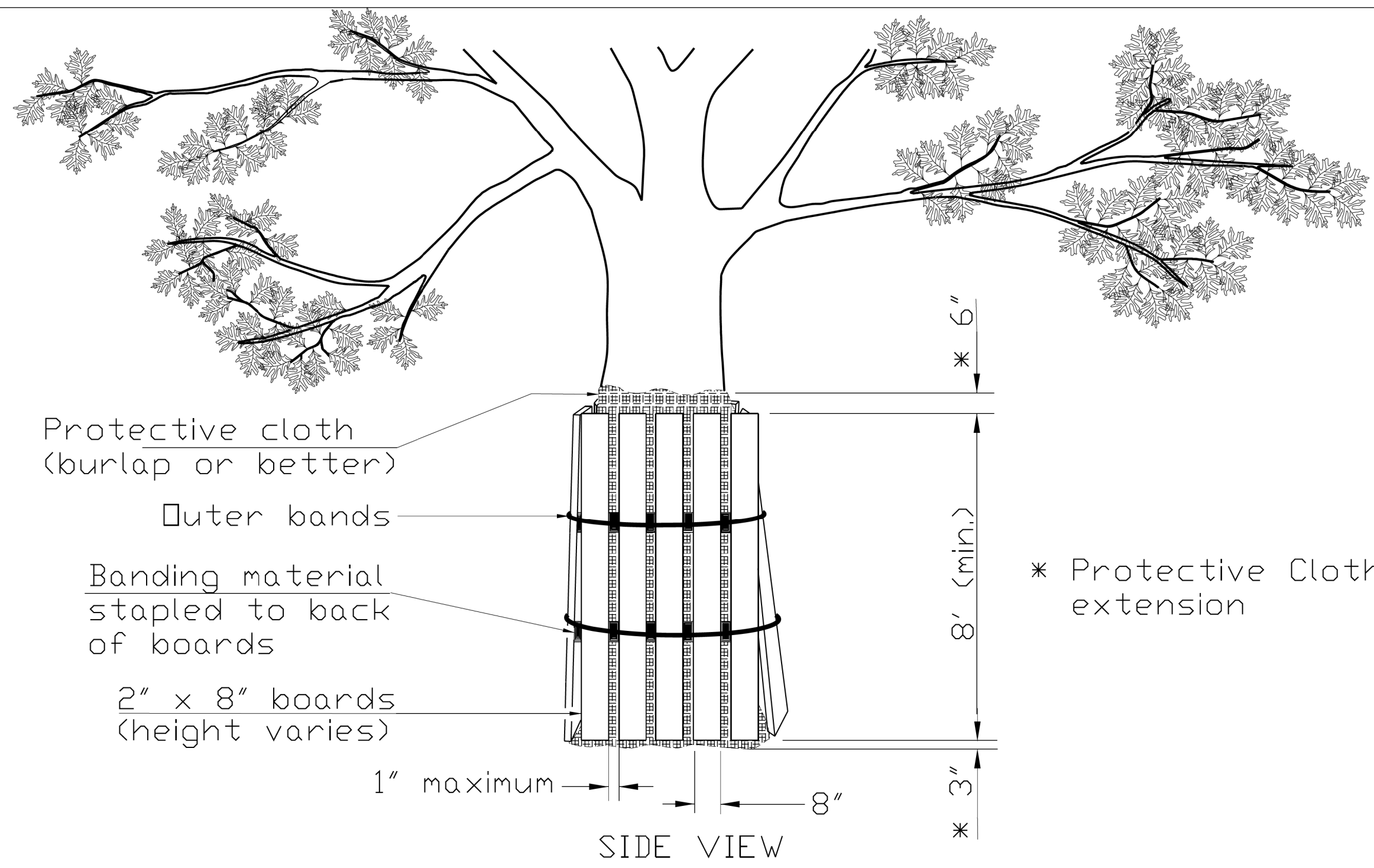
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING DETAILS

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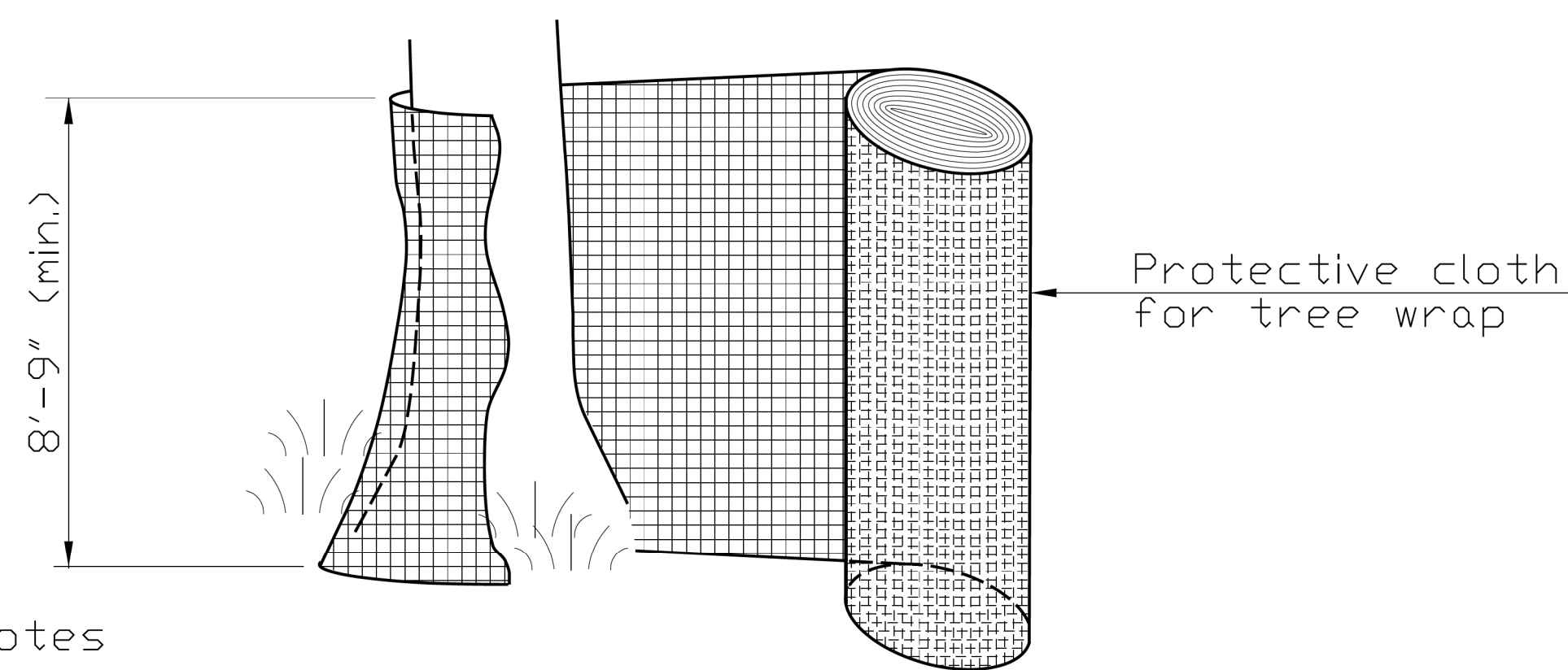
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| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

TREE TRUNK PROTECTION



Protective cloth (burlap or better)
Outer bands
Banding material stapled to back of boards
2" x 8" boards (height varies)
1" maximum

* Protective Cloth extension



Notes

- The contractor shall provide 2" x 8" boards banded continuously around each trunk with a protective cloth (such as burlap or better) placed between the boards and the tree to prevent scarring of the tree being protected. The height of the boards is variable due to height of tree being protected. Trees to be protected shall be shown in the plans or designated by the Professional Forester or Certified Arborist.
- The protective cloth shall extend past both the top and bottom of the boards as shown in the detail. Width of wrap material varies. For fabric that does not meet the required height, fabric shall overlap a minimum of 6" and shall be spliced to avoid slippage.

| | |
|---------------------------|-------------------|
| REFERENCE | STANDARD DWG. NO. |
| Project _____ | IUM-690-C |
| Designed _____ Date _____ | SHEET 1 OF 1 |
| Checked _____ Date _____ | DATE 09-14-2017 |
| Approved _____ Date _____ | |

TREE AND SHRUBS SCHEDULE

| Qty. | Symbol | Botanical name | Common name | Size | Notes |
|-------------------------|--------|---|----------------------------------|-------------|-------|
| SHADE TREES | | | | | |
| 7 | ACF | Acer x freemanii 'Autumn Blaze' | Freeman's Maple | 2-1/2" cal. | B&B |
| 9 | CAS | Catalpa speciosa | Northern Catalpa | 2-1/2" cal. | B&B |
| 3 | CEO | Celtis occidentalis 'Chicagoland' | Chicagoland Hackberry | 2-1/2" cal. | B&B |
| 5 | GLT | Gleditsia triacanthos var. inermis | Thornless Common Honeylocust | 2-1/2" cal. | B&B |
| 1 | GYP | Gymnocladus dioicus | Kentucky Coffeetree | 2-1/2" cal. | B&B |
| 2 | QUB | Quercus bicolor | Swamp White Oak | 2" cal. | B&B |
| 5 | TAX | Taxodium distichum | Common Bald Cypress | 2-1/2" cal. | B&B |
| 4 | ULP | Ulmus 'Patriot' | Patriot Elm | 2-1/2" cal. | B&B |
| ORNAMENTAL TREES | | | | | |
| 2 | ACC | Acer campestre | Hedge Maple | 2-1/2" cal. | B&B |
| 5 | ACM | Acer miyabei 'Morton' | State Street Miyabe Maple | 2-1/2" cal. | B&B |
| 8 | AMG | Amelanchier x grandiflora 'Autumn Brilliance' | Autumn Brilliance Serviceberry | 8' Ht. | B&B |
| 9 | SYI | Syringa reticulata 'Ivory Silk' | Ivory Silk Japanese Tree Lilac | 8' Ht. | B&B |
| 7 | SYR | Syringa reticulata 'Summer snow' | Summer Snow Japanese Tree Lilac | 8' Ht. | B&B |
| DECIDUOUS SHRUBS | | | | | |
| 112 | ARM | Aronia melanocarpa 'Morton' | Iroquois Beauty Black Chokeberry | #3 Cont. | |
| 123 | COA | Cotoneaster apiculatus | Cranberry Cotoneaster | #3 Cont. | |
| 185 | DIL | Diervilla lonicera | Bush Honey Suckle | #5 Cont. | |
| 118 | POF | Potentilla fruticosa 'Jackmanii' | Jackman's Bush Cinquefoil | #3 Cont. | |
| 72 | RHA | Rhus aromatica 'Gro-Low' | Gro-Low Fragrant Sumac | #3 Cont. | |

PERENNIAL PLANTING, PRAIRIE MIX SCHEDULE

| Units | Sq Ft | Botanical name | Common name | Size | Notes |
|-------|-------|--|-----------------------------|----------|----------|
| 7 | 1624 | PRAIRIE MIX 'A' | | | |
| | | Allium 'Summer Beauty' | Summer Beauty Onion | #1 Cont. | 18" o.c. |
| | | Sesleria autumnalis | Autumn Moor Grass | #1 Cont. | 18" o.c. |
| 5 | 1232 | PRAIRIE MIX 'B' | | | |
| | | Nepeta x faassenii 'Walker's Low' | Walker's Low Catmint | #1 Cont. | 18" o.c. |
| | | Symphotrichum ericoides | Heath Aster | #1 Cont. | 18" o.c. |
| 7 | 1609 | PRAIRIE MIX 'C' | | | |
| | | Rudbeckia fulgida var. sullivantii 'Goldsturm' | Goldsturm Orange Coneflower | #1 Cont. | 18" o.c. |
| | | Sporobolus heterolepis 'Tara' | Tara Prairie Dropseed | #1 Cont. | 18" o.c. |
| 7 | 1608 | PRAIRIE MIX 'D' | | | |
| | | Amsonia tabernaemontana | Blue Star | #1 Cont. | 18" o.c. |
| | | Echinacea purpurea 'Magnus' | Magnus Purple Coneflower | #1 Cont. | 18" o.c. |

*UNITS BASED ON 1 PLANT PER 2.25 SQ. FT. 1 UNIT PER 100 PLANTS.

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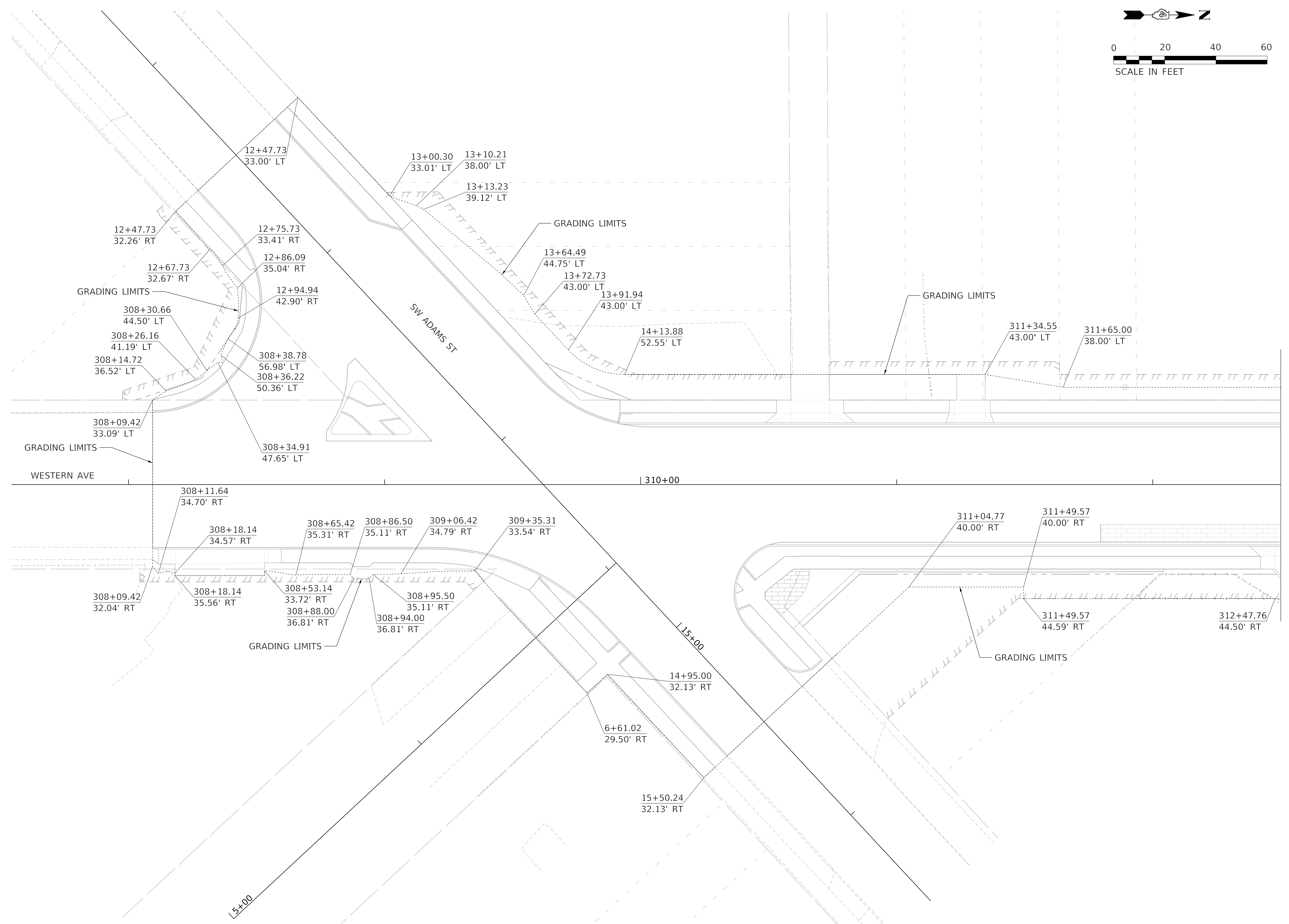
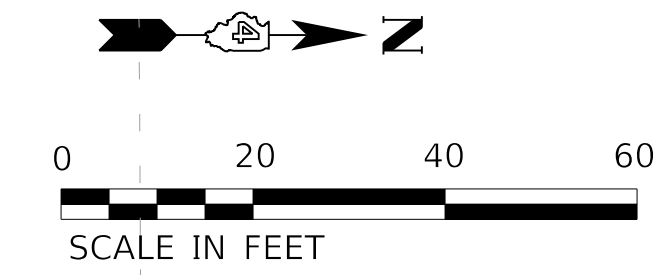
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING DETAILS

SCALE: NTS SHEET 3 OF 3 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |



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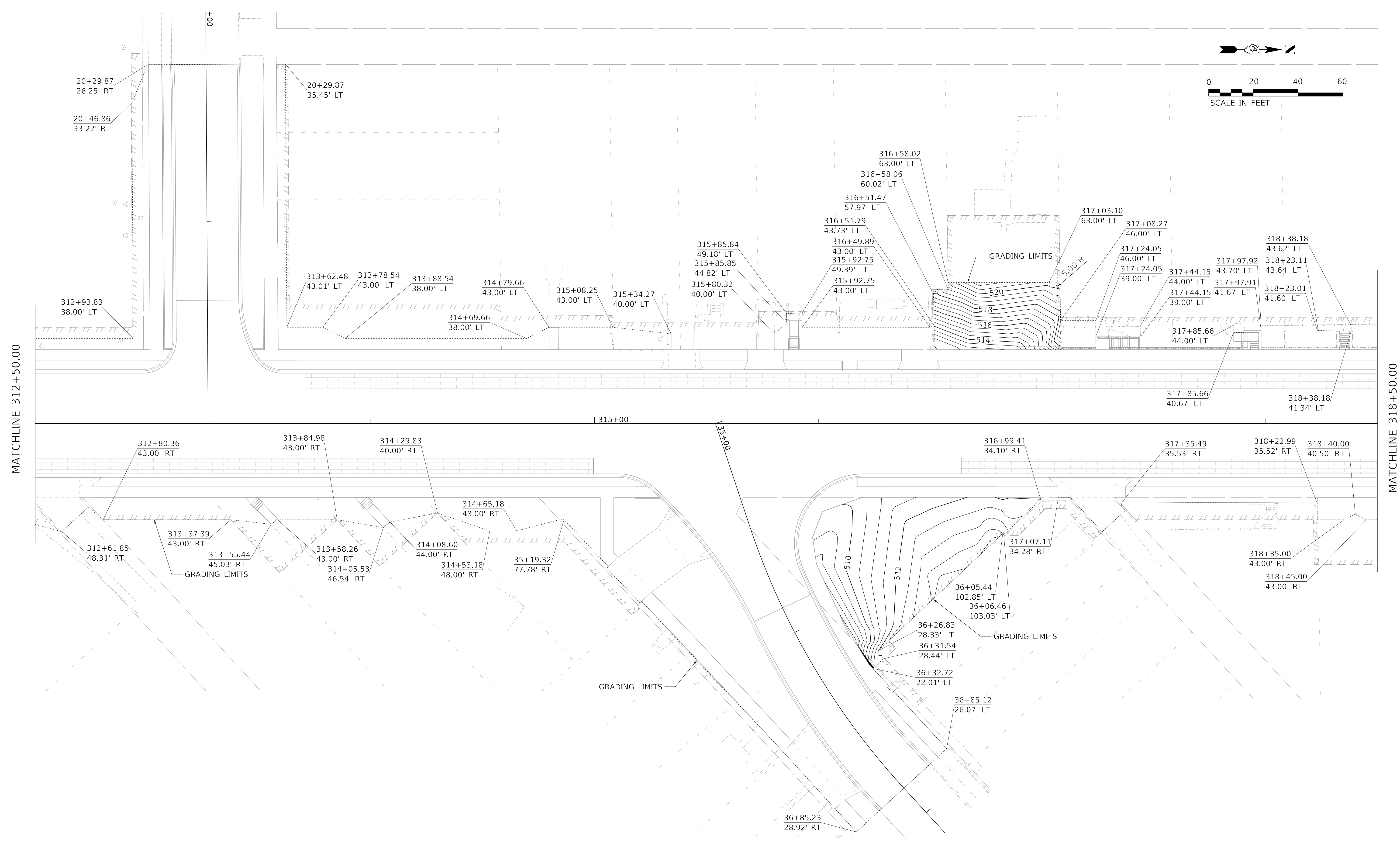
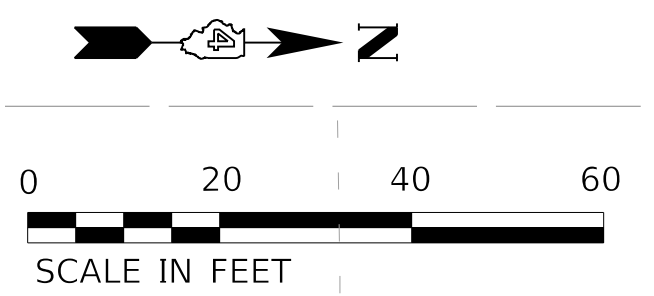
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GRADING LIMITS

SCALE: 1"=20' SHEET 1 OF 8 SHEETS STA. TO STA. 312+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 6594 | 16-00368-01-PV | PEORIA | 422 | 283 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



MATCHLINE 312+50.00

MATCHLINE 318+50.00

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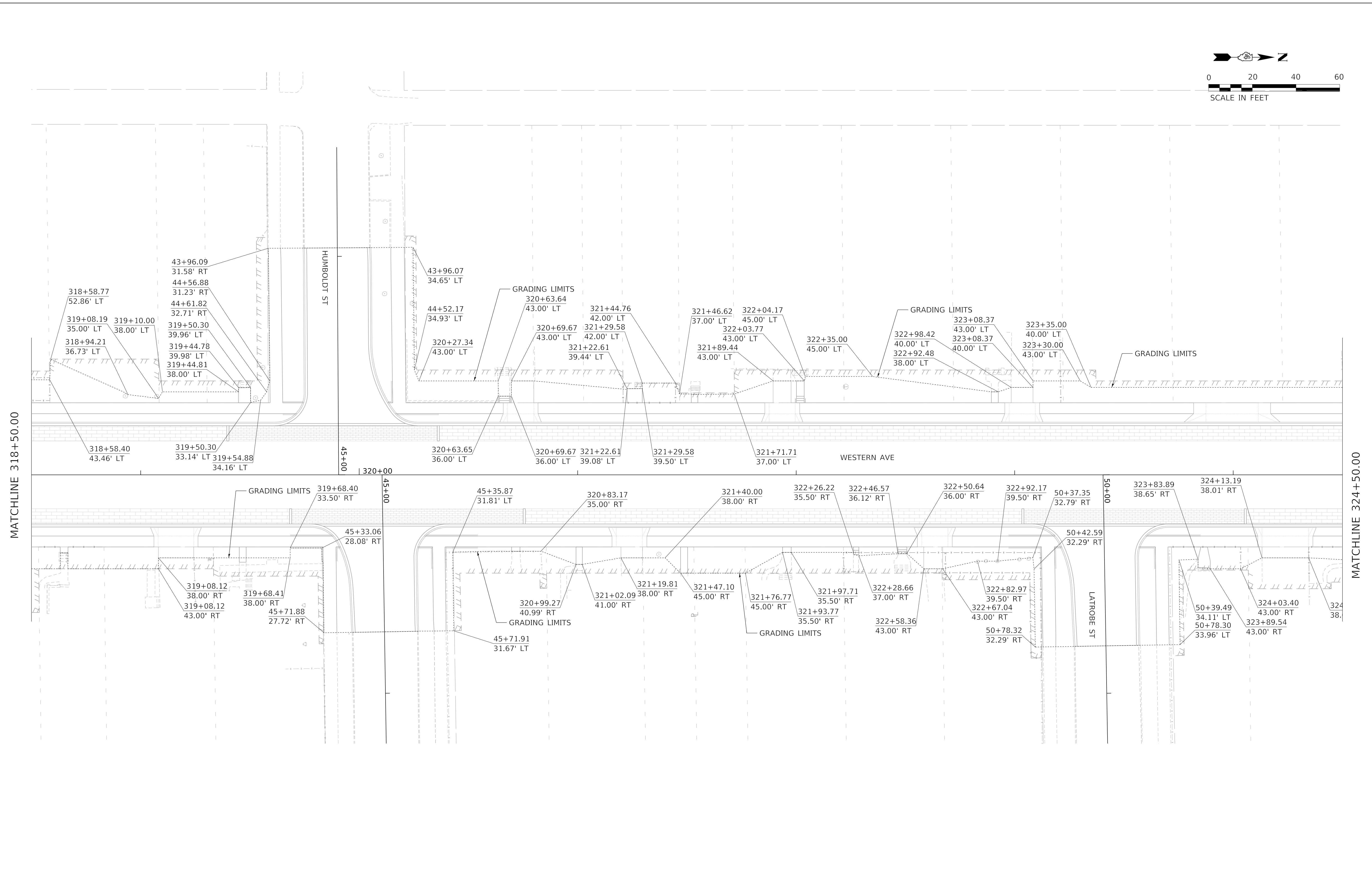
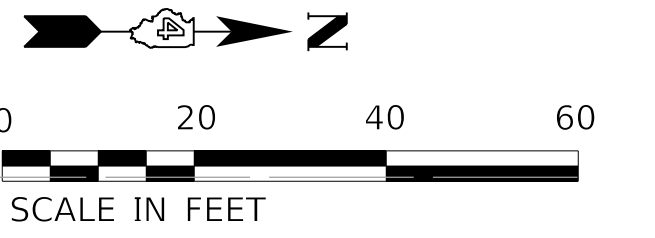


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|-----------------------|---------------------|
| GRADING LIMITS | |
| SCALE: 1"=20' | SHEET 2 OF 8 SHEETS |
| STA. 312+50.00 | TO STA. 318+50.00 |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| ILLINOIS | | FED. AID PROJECT | | |



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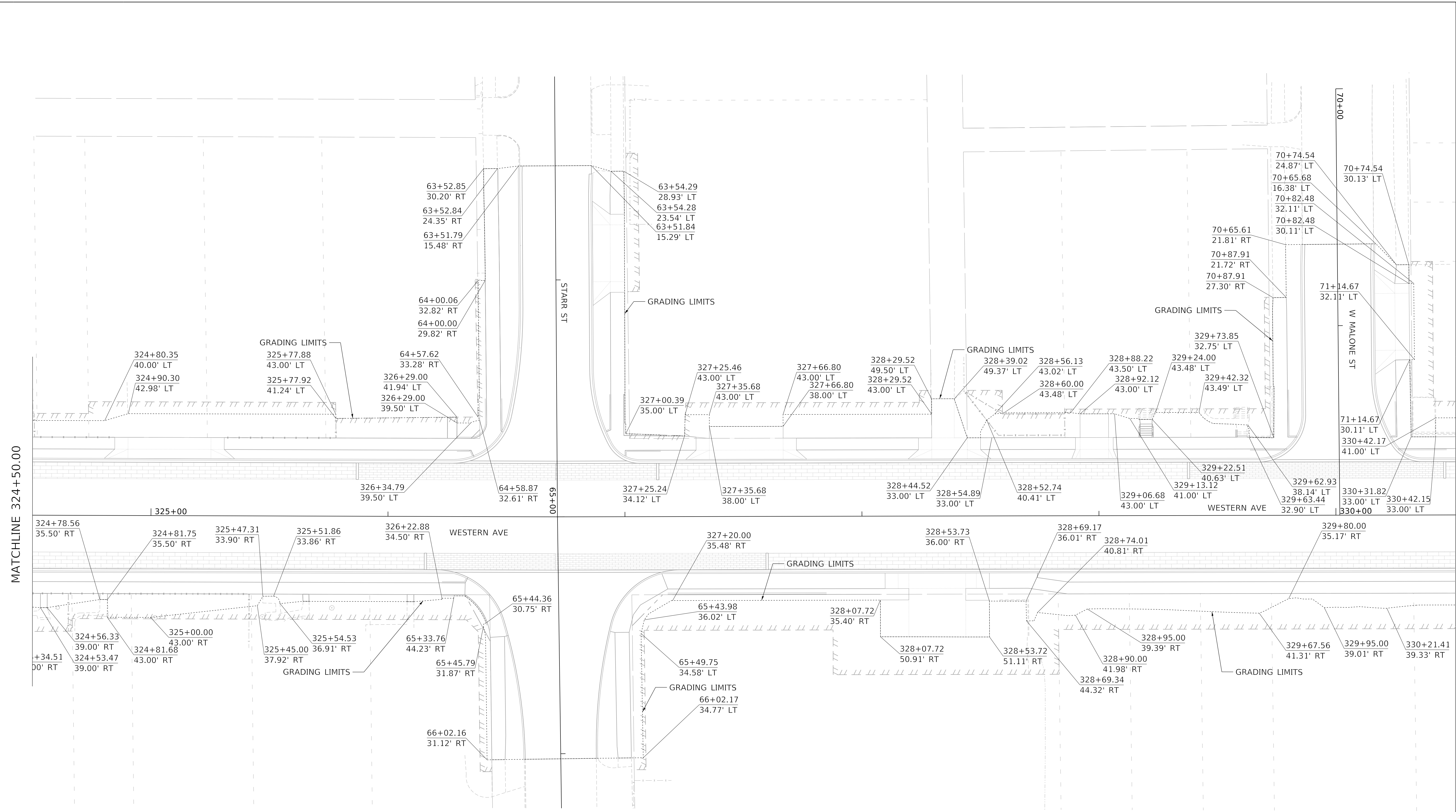
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|-----------------------|---------|-------------|----------------------------------|
| GRADING LIMITS | | | |
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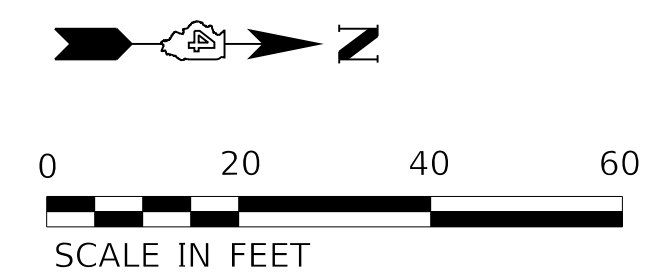
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MATCHLINE 324+50.00

MATCHLINE 330+50.00



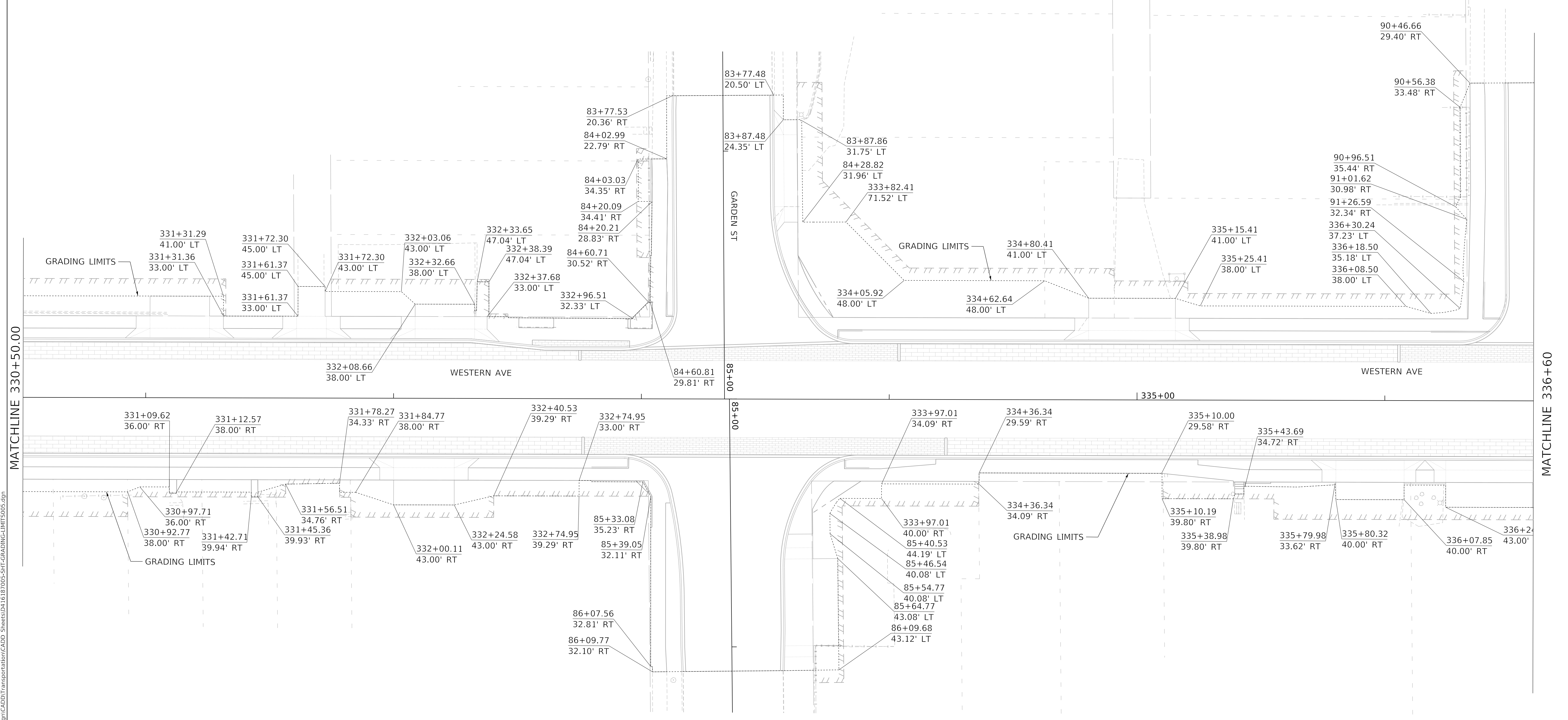
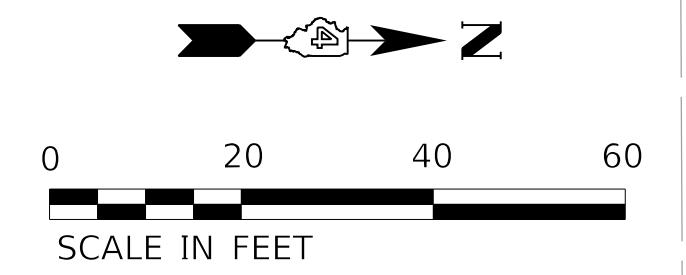
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GRADING LIMITS

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| ILLINOIS | | FED. AID PROJECT | | |



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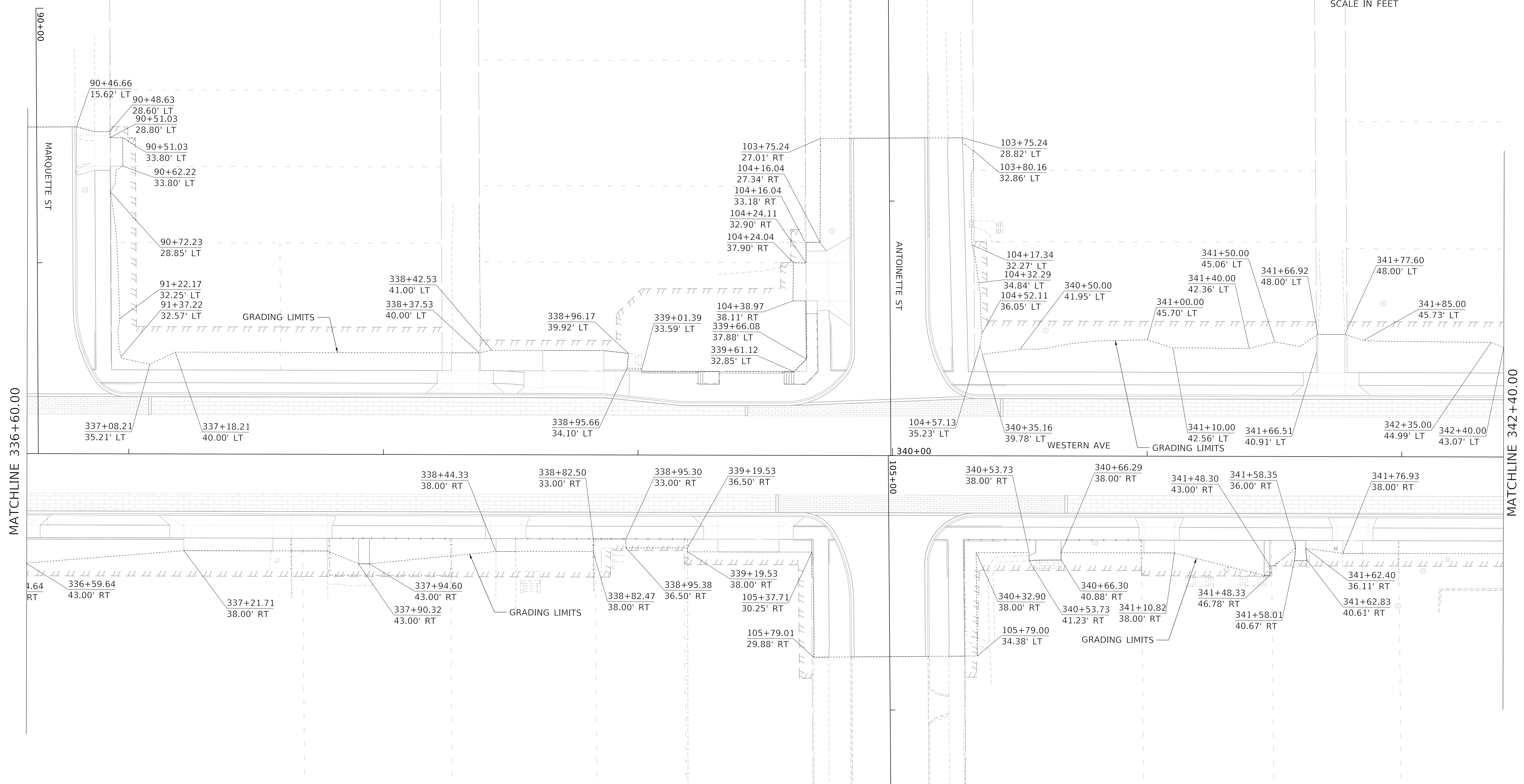
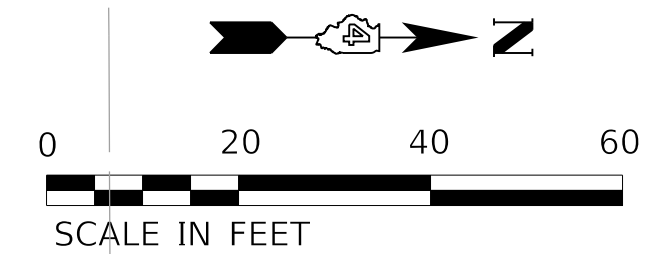
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

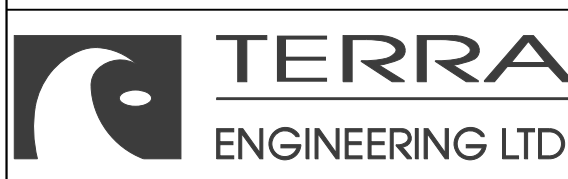
GRADING LIMITS

SCALE: 1"=20' SHEET 5 OF 8 SHEETS STA. 330+50.00 TO STA. 336+60.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 267 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



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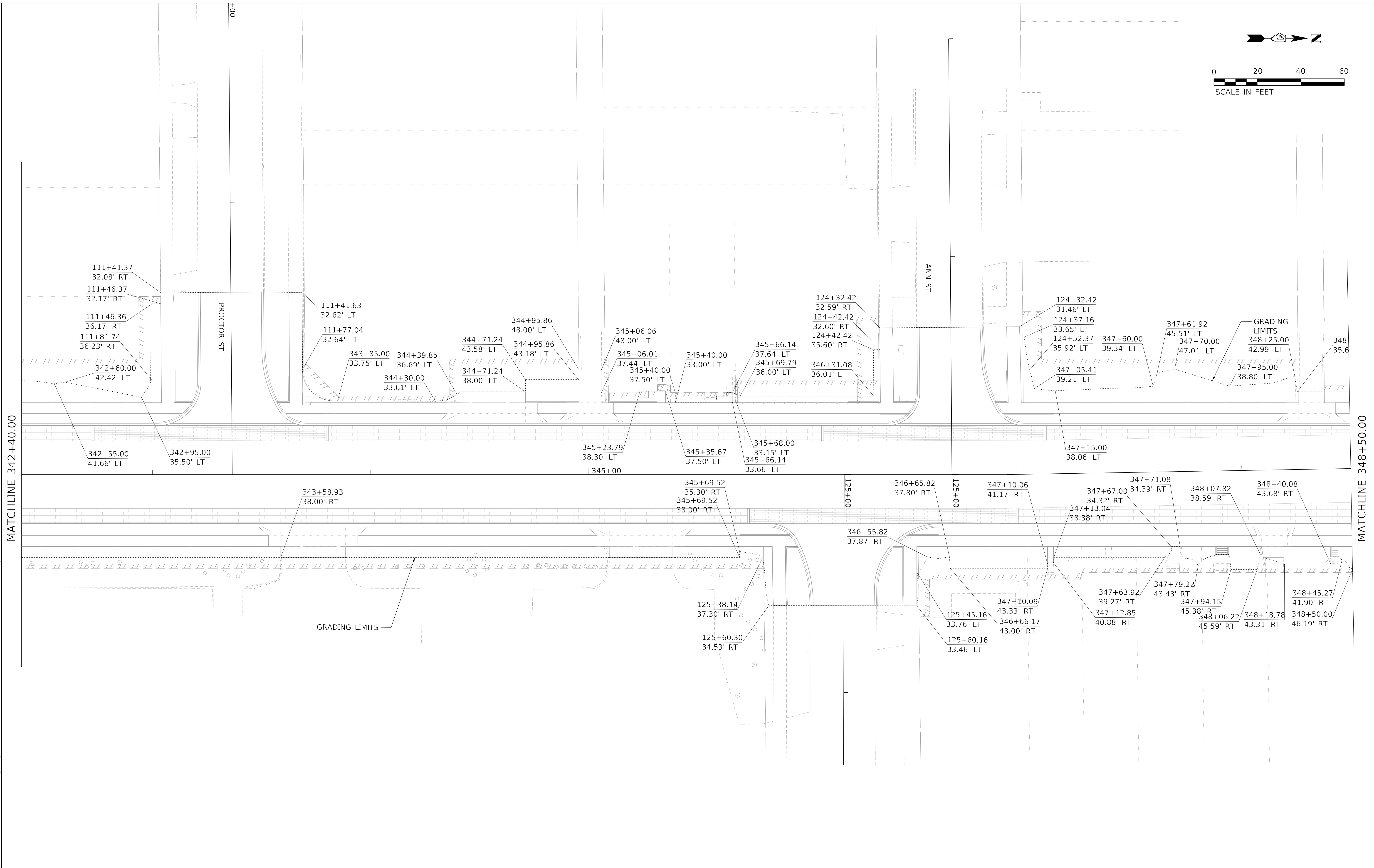
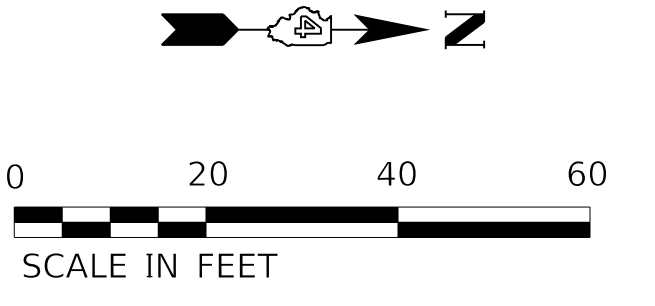
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| PLOT DATE = 2/20/2020 12:41:01 PM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GRADING LIMITS

SCALE: 1"=20' SHEET 6 OF 8 SHEETS STA. 336+60.00 TO STA. 342+40.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|---------------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 288 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| | | ILLINOIS FED. AID PROJECT | | |



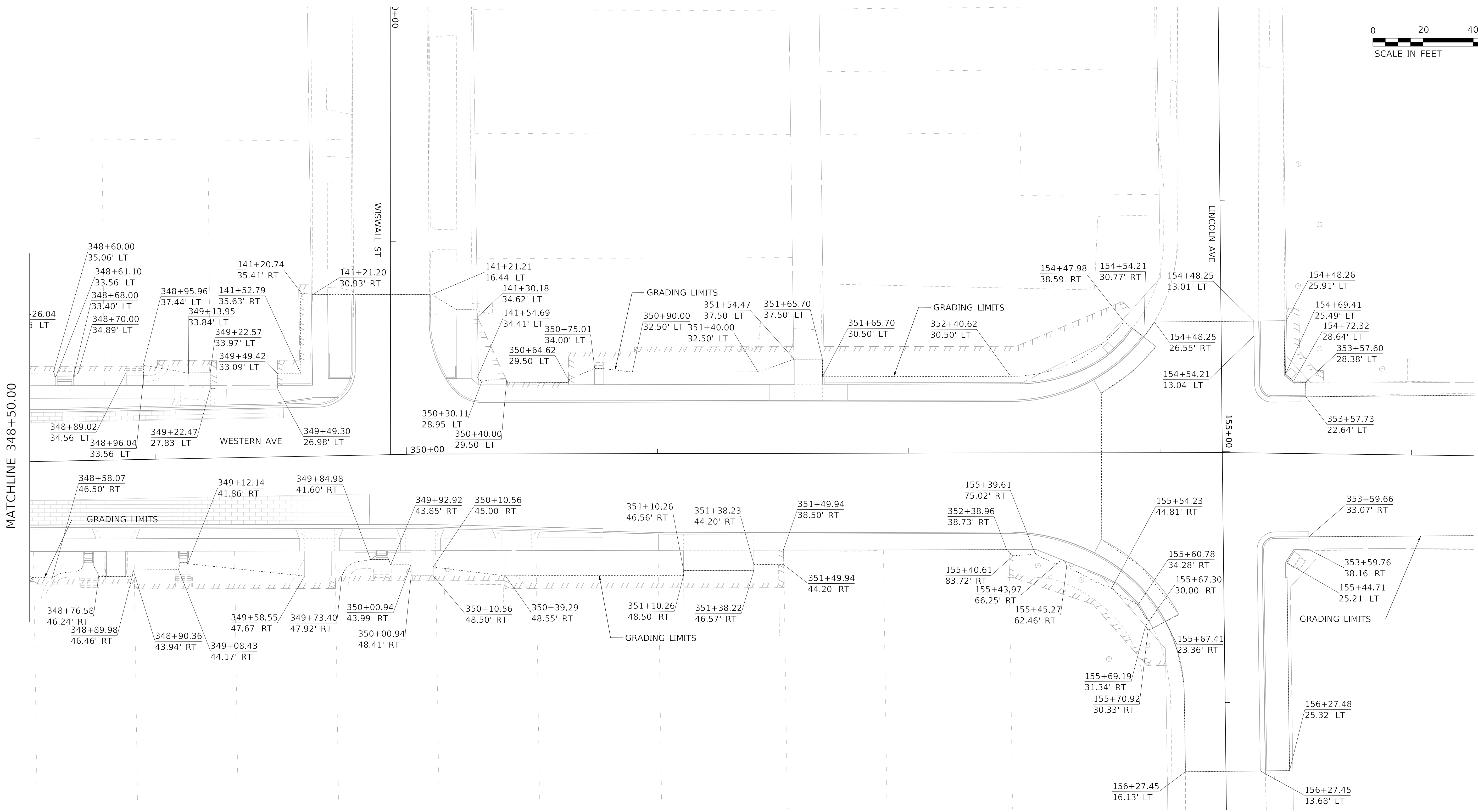
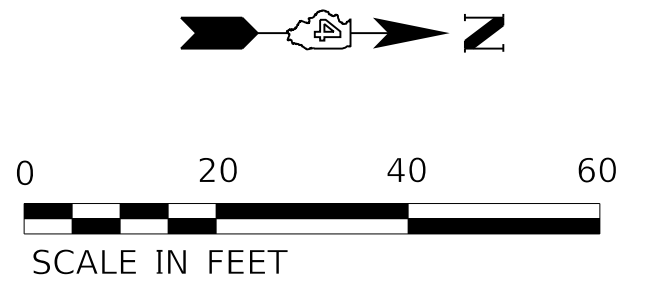
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| | PLOT DATE = 2/20/2020 12:41:06 PM | DATE - 2/21/2020 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|-----------------------|---------|-------------|----------------------------------|
| GRADING LIMITS | | | |
| SCALE: 1"=20' | SHEET 7 | OF 8 SHEETS | STA. 342+40.00 TO STA. 348+50.00 |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 269 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |



MATCHLINE 348+50.00

MODEL: Default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GRADING LIMITS

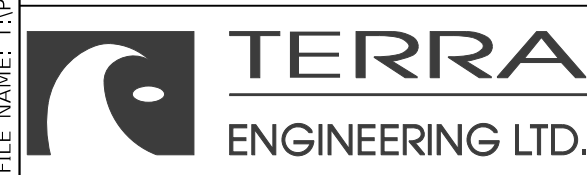
SCALE: 1"=20' SHEET 8 OF 8 SHEETS STA. 348+50.00 TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 270 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

TRAFFIC SIGNALS SCHEDULE OF QUANTITIES

| ITEM | UNIT | ADAMS | JEFFERSON | STARR | GARDEN | LINCOLN | HOWETT | INTERCONNECT | TOTAL |
|---|------|-------|-----------|-------|--------|---------|--------|--------------|-------|
| SERVICE INSTALLATION, TYPE A | EACH | 1 | 1 | | | | | | 2 |
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 110 | 202 | | | 9 | 19 | 5543 | 5883 |
| UNDERGROUND CONDUIT, PVC, 3" DIA. | FOOT | 26 | 127 | | | | | | 153 |
| UNDERGROUND CONDUIT, PVC, 3 1/2" DIA. | FOOT | | 60 | | | | | | 60 |
| UNDERGROUND CONDUIT, PVC, 4" DIA. | FOOT | 284 | 6 | | | | | | 290 |
| HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 4 | 2 | | | | | | 6 |
| DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 1 | 1 | | | | | | 2 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1582 | 969 | | | 50 | | | 2601 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 835 | 965 | | | | | | 1800 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 849 | 169 | | | | | | 1018 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C | FOOT | 292 | 202 | | | | | | 494 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 30 | 109 | | | | | | 139 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 400 | 335 | | | | | | 735 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT. | EACH | 1 | 1 | | | | 1 | | 3 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 11 FT. | EACH | | 1 | | | | | | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT. | EACH | | 1 | 1 | | | | | 2 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 20 FT | EACH | 1 | 1 | | | | | | 2 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 26 FT | EACH | | 1 | | | | | | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT | EACH | 1 | | | | | | | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 42 FT | EACH | 1 | | | | | | | 1 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 3 | 9 | 3 | | | | | 15 |
| CONCRETE FOUNDATION, TYPE D | FOOT | 3.5 | 3.5 | | | | | | 7 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 23.5 | 20 | | | | | | 43.5 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 26 | | | | | | | 26 |
| DRILL EXISTING HANDHOLE | EACH | | | | | 4 | 3 | 2 | 9 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 3 | 4 | | | | | | 7 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 4 | 2 | | | | | | 6 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED | EACH | 2 | | | | | | | 2 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER | EACH | 2 | 2 | | | | | | 4 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER | EACH | 3 | 1 | | | | | | 4 |
| TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE | EACH | 9 | 6 | | | 1 | 1 | | 17 |
| CONFIRMATION BEACON | EACH | 2 | 2 | | | | | | 4 |
| LIGHT DETECTOR | EACH | 2 | 2 | | | | | | 4 |
| LIGHT DETECTOR AMPLIFIER | EACH | 1 | 1 | | | | | | 2 |
| PEDESTRIAN PUSH-BUTTON | EACH | 8 | 4 | | | 2 | 4 | | 18 |
| RELOCATE EXISTING SIGNAL HEAD | EACH | | | | | 4 | | | 4 |
| RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD | EACH | | | | | | 1 | | 1 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 | 1 | 1 | 1 | | | | 4 |
| REMOVE EXISTING HANDHOLE | EACH | 5 | 4 | 4 | 4 | | | | 17 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 7 | 6 | 5 | 5 | | | | 23 |
| RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) | EACH | | | 4 | | | | | 4 |
| ETHERNET MANAGE SWITCH | EACH | 1 | | | | | | | 1 |
| VIDEO VEHICLE DETECTION, 3 CAMERAS | EACH | 1 | 1 | | | 1 | 1 | | 4 |
| CAT 5 ETHERNET CABLE | FOOT | 191 | 135 | | | 251 | | | 577 |
| CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED | EACH | 1 | 1 | | | | 1 | | 4 |
| REMOVE PEDESTRIAN PUSH-BUTTON | EACH | | | | | 2 | 2 | | 4 |
| FIBER OPTIC CABLE IN CONDUIT, 96 FIBERS, SINGLE MODE | FOOT | | | | | | | 9823 | 9823 |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 | 1 | | | | | | 2 |
| CONTROLLER CABINET TYPE IV, SPECIAL | EACH | | | | | 1 | 1 | | 2 |
| FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH | EACH | | 1 | | | 1 | | | 2 |
| PEDESTRIAN PUSH-BUTTON POST | EACH | 5 | 1 | 3 | | 2 | 2 | | 13 |
| COMMUNICATIONS VAULT | EACH | | | | | | | 12 | 12 |
| TRAFFIC SIGNAL BATTERY BACKUP SYSTEM | EACH | 1 | 1 | | | 1 | 1 | | 4 |

MODEL: Default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

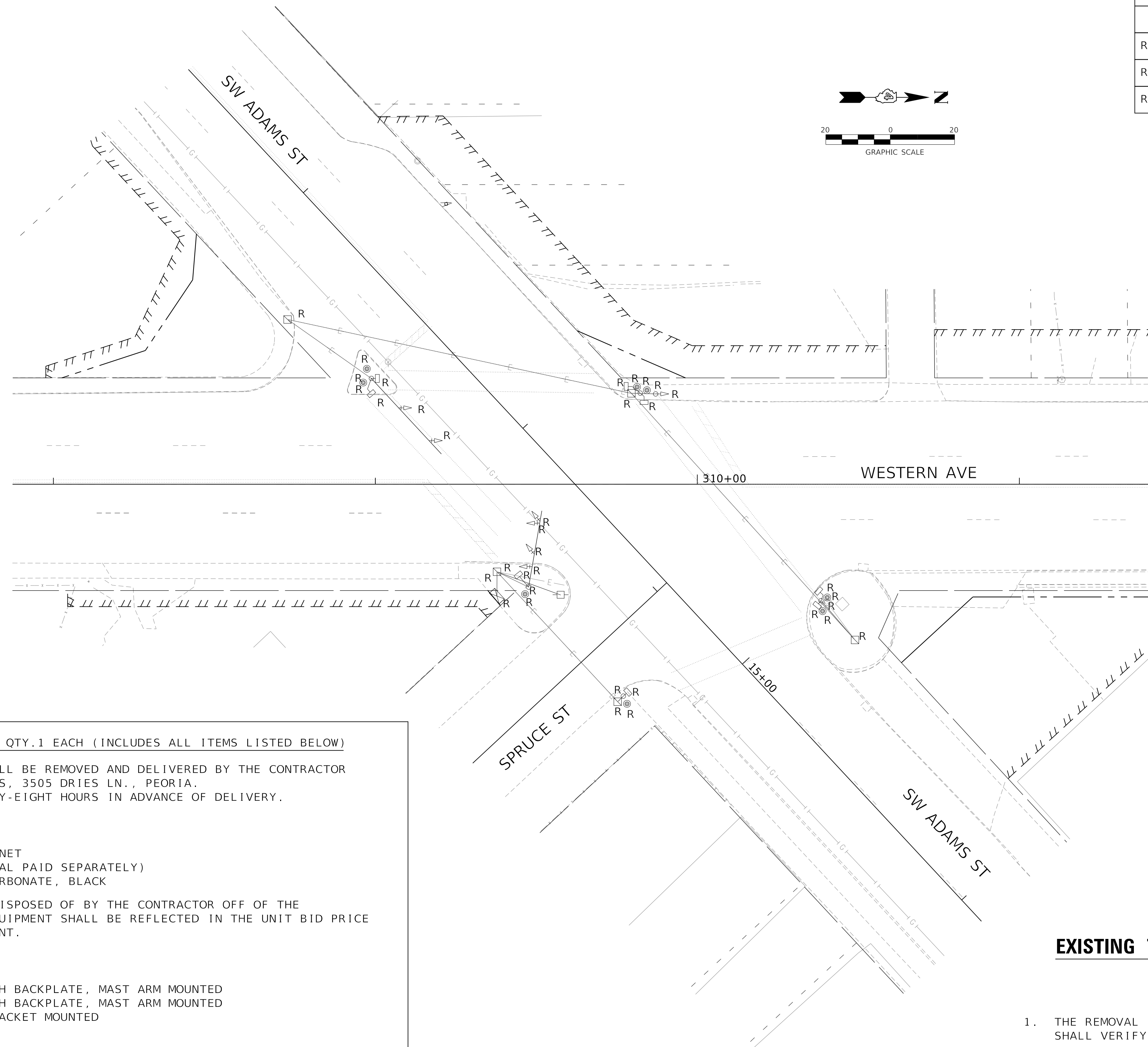
**TRAFFIC SIGNALS
SUMMARY OF QUANTITIES**

SCALE: 1"=20' SHEET 1 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 271 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

SCHEDULE OF QUANTITIES

| ITEM DESCRIPTION | UNIT | QUANTITY |
|--|------|----------|
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 5 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 7 |



EXISTING TRAFFIC SIGNAL LEGEND

- EX HANDHOLE
- EX CONDUIT
- ⊠ EX CONTROLLER CABINET
- ⊞ EX ELECTRICAL SERVICE
- ⤴ EX TRAFFIC SIGNAL HEAD
- ⤵ EX TRAFFIC SIGNAL HEAD W/BACKPLATE
- ⊞ EX PEDESTRIAN SIGNAL HEAD
- EX STL COMB MAST ARM ASSEMBLY AND POLE
- R EX SIGNAL COMPONENT TO BE REMOVED
- ⊙ EX PEDESTRIAN PUSH BUTTON

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

1. THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.
2. ANY MAINTENANCE OF THE EXISTING SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY.1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF PEORIA DEPT. OF PUBLIC WORKS, 3505 DRIES LN., PEORIA. CONTACT IRV LEBLANC AT (309) 303-7440 FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.

| QTY. | ITEM |
|------|---|
| 1.0 | TRAFFIC SIGNAL CONTROLLER AND CABINET |
| 5.0 | HANDHOLE LIDS (DELIVERY ONLY-REMOVAL PAID SEPARATELY) |
| ALL | 16" PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, BLACK |

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

| QTY. | ITEM |
|------|---|
| 5.0 | SIGNAL HEAD, 1-FACE, 3-SECTION WITH BACKPLATE, MAST ARM MOUNTED |
| 1.0 | SIGNAL HEAD, 1-FACE, 4 SECTION WITH BACKPLATE, MAST ARM MOUNTED |
| 1.0 | SIGNAL HEAD, 1-FACE, 4 SECTION, BRACKET MOUNTED |
| 8.0 | PEDESTRIAN SIGNAL HEAD |
| 8.0 | PEDESTRIAN PUSH BUTTON |
| 2.0 | STEEL MAST ARM ASSEMBLY AND POLE |
| 1.0 | SERVICE INSTALLATION |
| ALL | ELECTRIC CABLE |

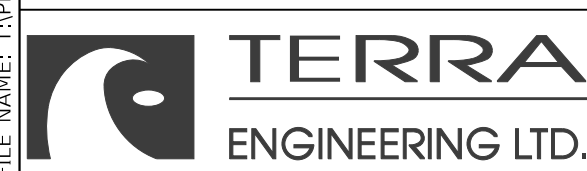
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL REMOVAL
WESTERN AVENUE AND ADAMS STREET**

SCALE: 1"=20' SHEET 2 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 272 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| | | ILLINOIS | FED. AID PROJECT | |

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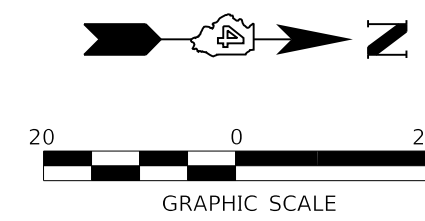


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| PLOT SCALE = 20.0000 "/in. | DATE - 2/21/2020 | REVISED - |
| PLOT DATE = 2/20/2020 1:33:26 PM | | |

POST AND MAST ARM DATA

| NO. | STATION | OFFSET | DESCRIPTION | FDN. |
|-----|---------|--------|---|----------------------------|
| C1 | 309+52 | 48' RT | CONTROLLER CABINET AND FOUNDATION, TYPE IV | TYPE D, 3.5' DEEP |
| P1 | 309+52 | 41' RT | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 42 FT | TYPE E, 36" DIA, 13' DEEP |
| P2 | 308+88 | 25' LT | STEEL MAST ARM ASSEMBLY AND POLE, 20 FT | TYPE E, 30" DIA, 10' DEEP |
| P3 | 309+01 | 24' LT | PEDESTRIAN PUSH BUTTON POST | 12"x12", 2.5' DEEP |
| P4 | 309+82 | 37' LT | STEEL COMBINATION POLE (SPECIAL) | TYPE E, 36" DIA, 13' DEEP |
| P5 | 309+68 | 44' LT | PEDESTRIAN PUSH BUTTON POST | 12"x12", 2.5' DEEP |
| P6 | 309+91 | 34' LT | PEDESTRIAN PUSH BUTTON POST | 12"x12", 2.5' DEEP |
| P7 | 310+52 | 44' RT | STEEL MAST ARM ASSEMBLY AND POLE, 36' | TYPE E, 30" DIA, 13.5'DEEP |
| P8 | 310+43 | 48' RT | PEDESTRIAN PUSH BUTTON POST | 12"x12", 2.5' DEEP |
| P9 | 310+45 | 36' RT | PEDESTRIAN PUSH BUTTON POST | 12"x12", 2.5' DEEP |
| P10 | 309+87 | 64' RT | TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT. | TYPE A, 24" DIA, 3' DEEP |

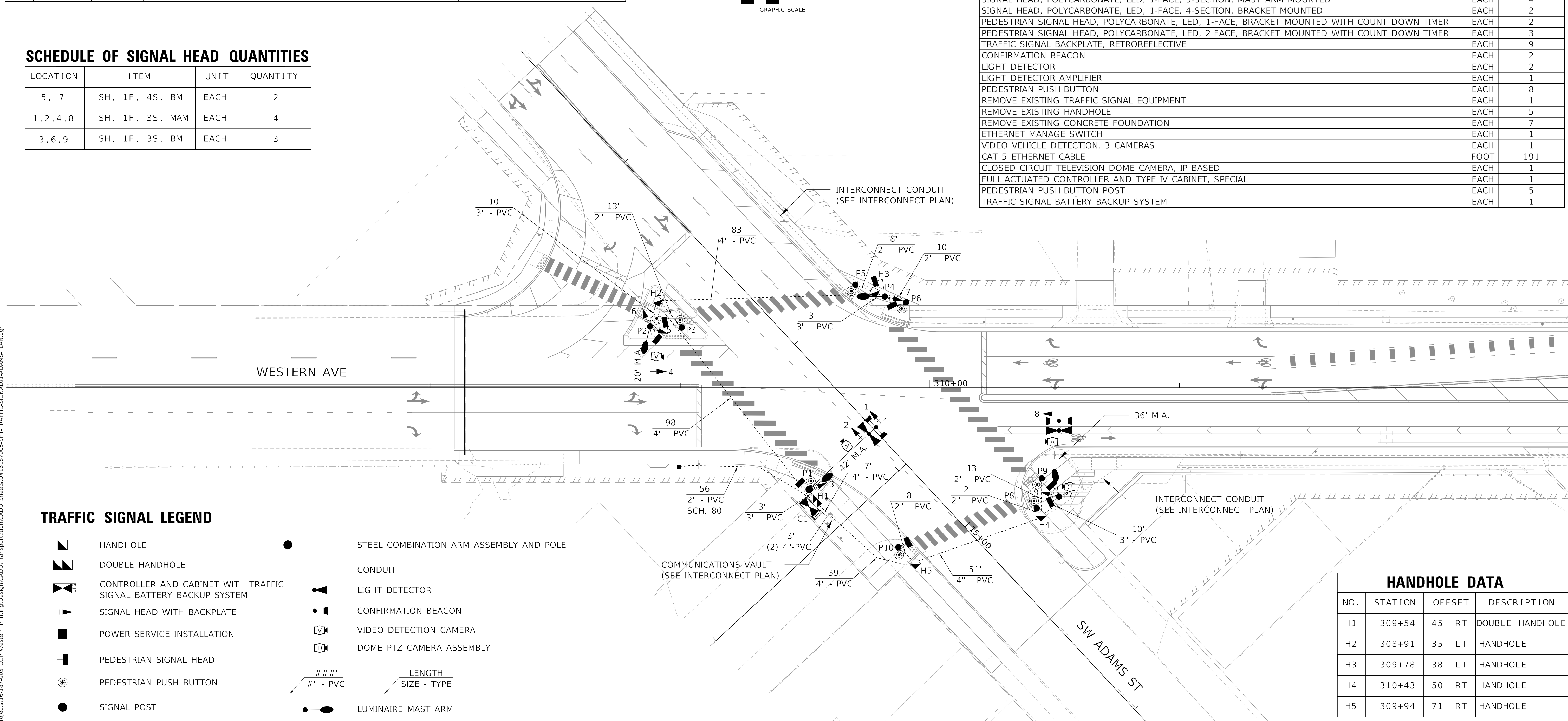
NOTE: POLE P4 TO BE CONSTRUCTED FOR ADDITION OF A POTENTIAL FUTURE MAST ARM (UP TO 46' LONG)



| ITEM | UNIT | QUANTITY |
|---|------|----------|
| SERVICE INSTALLATION, TYPE A | EACH | 1 |
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 110 |
| UNDERGROUND CONDUIT, PVC, 3" DIA. | FOOT | 26 |
| UNDERGROUND CONDUIT, PVC, 4" DIA. | FOOT | 284 |
| HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 4 |
| DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 1582 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 835 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 849 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C | FOOT | 292 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 30 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 400 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT. | EACH | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 20 FT | EACH | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 26 FT | EACH | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT | EACH | 1 |
| STEEL MAST ARM ASSEMBLY AND POLE, 42 FT | EACH | 1 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 3 |
| CONCRETE FOUNDATION, TYPE D | FOOT | 3.5 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 23.5 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 26 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 3 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 4 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED | EACH | 2 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER | EACH | 2 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER | EACH | 3 |
| TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE | EACH | 9 |
| CONFIRMATION BEACON | EACH | 2 |
| LIGHT DETECTOR | EACH | 2 |
| LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON | EACH | 8 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 5 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 7 |
| ETHERNET MANAGE SWITCH | EACH | 1 |
| VIDEO VEHICLE DETECTION, 3 CAMERAS | EACH | 1 |
| CAT 5 ETHERNET CABLE | FOOT | 191 |
| CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED | EACH | 1 |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON POST | EACH | 5 |
| TRAFFIC SIGNAL BATTERY BACKUP SYSTEM | EACH | 1 |

SCHEDULE OF SIGNAL HEAD QUANTITIES

| LOCATION | ITEM | UNIT | QUANTITY |
|------------|-----------------|------|----------|
| 5, 7 | SH, 1F, 4S, BM | EACH | 2 |
| 1, 2, 4, 8 | SH, 1F, 3S, MAM | EACH | 4 |
| 3, 6, 9 | SH, 1F, 3S, BM | EACH | 3 |



TRAFFIC SIGNAL LEGEND

- HANDHOLE
- DOUBLE HANDHOLE
- CONTROLLER AND CABINET WITH TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
- SIGNAL HEAD WITH BACKPLATE
- POWER SERVICE INSTALLATION
- PEDESTRIAN SIGNAL HEAD
- PEDESTRIAN PUSH BUTTON
- SIGNAL POST
- STEEL COMBINATION ARM ASSEMBLY AND POLE
- CONDUIT
- LIGHT DETECTOR
- CONFIRMATION BEACON
- VIDEO DETECTION CAMERA
- DOME PTZ CAMERA ASSEMBLY
- LENGTH SIZE - TYPE
- LUMINAIRE MAST ARM

HANDHOLE DATA

| NO. | STATION | OFFSET | DESCRIPTION |
|-----|---------|--------|-----------------|
| H1 | 309+54 | 45' RT | DOUBLE HANDHOLE |
| H2 | 308+91 | 35' LT | HANDHOLE |
| H3 | 309+78 | 38' LT | HANDHOLE |
| H4 | 310+43 | 50' RT | HANDHOLE |
| H5 | 309+94 | 71' RT | HANDHOLE |

MODEL: Default
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TERRA ENGINEERING LTD.

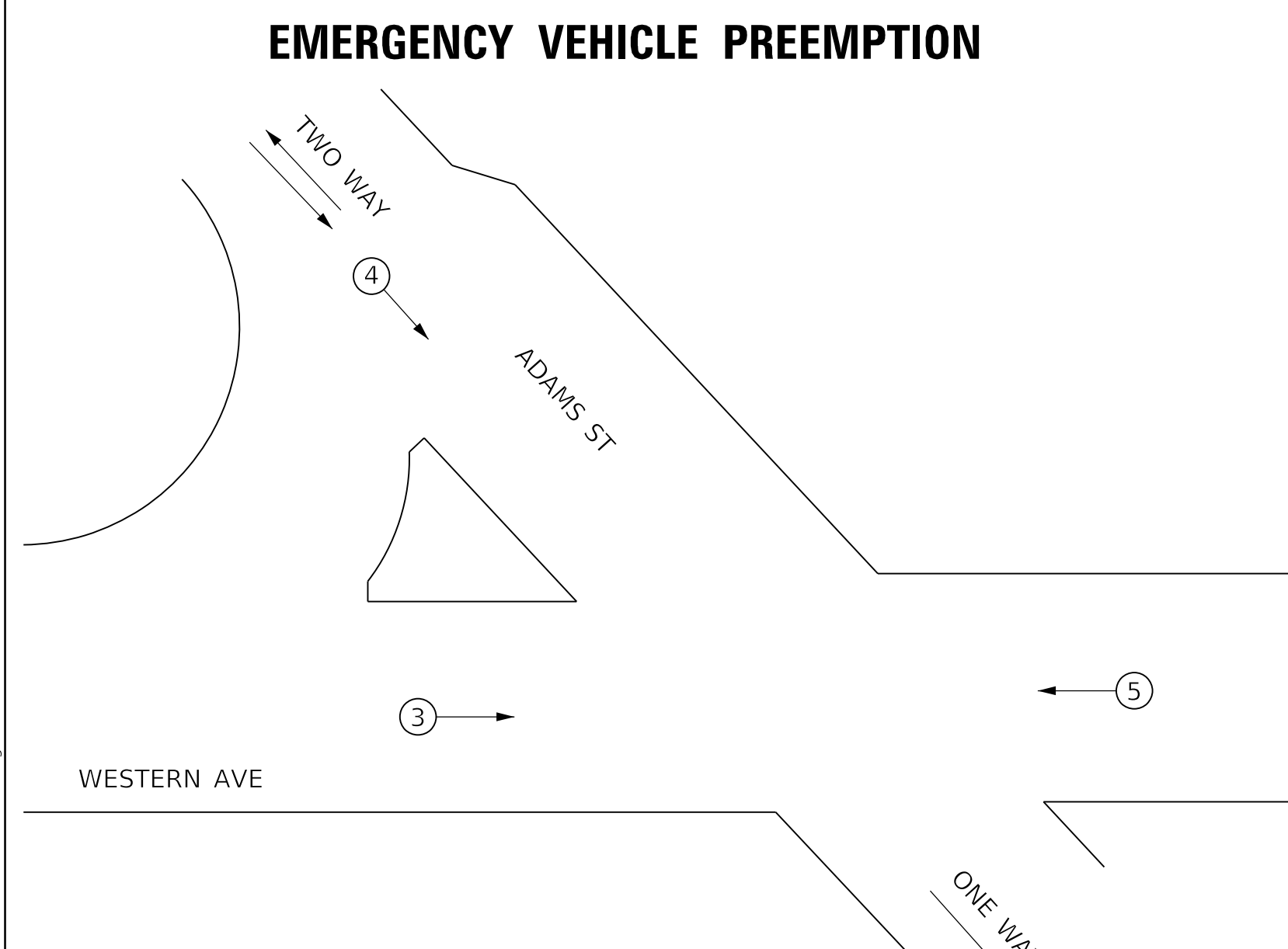
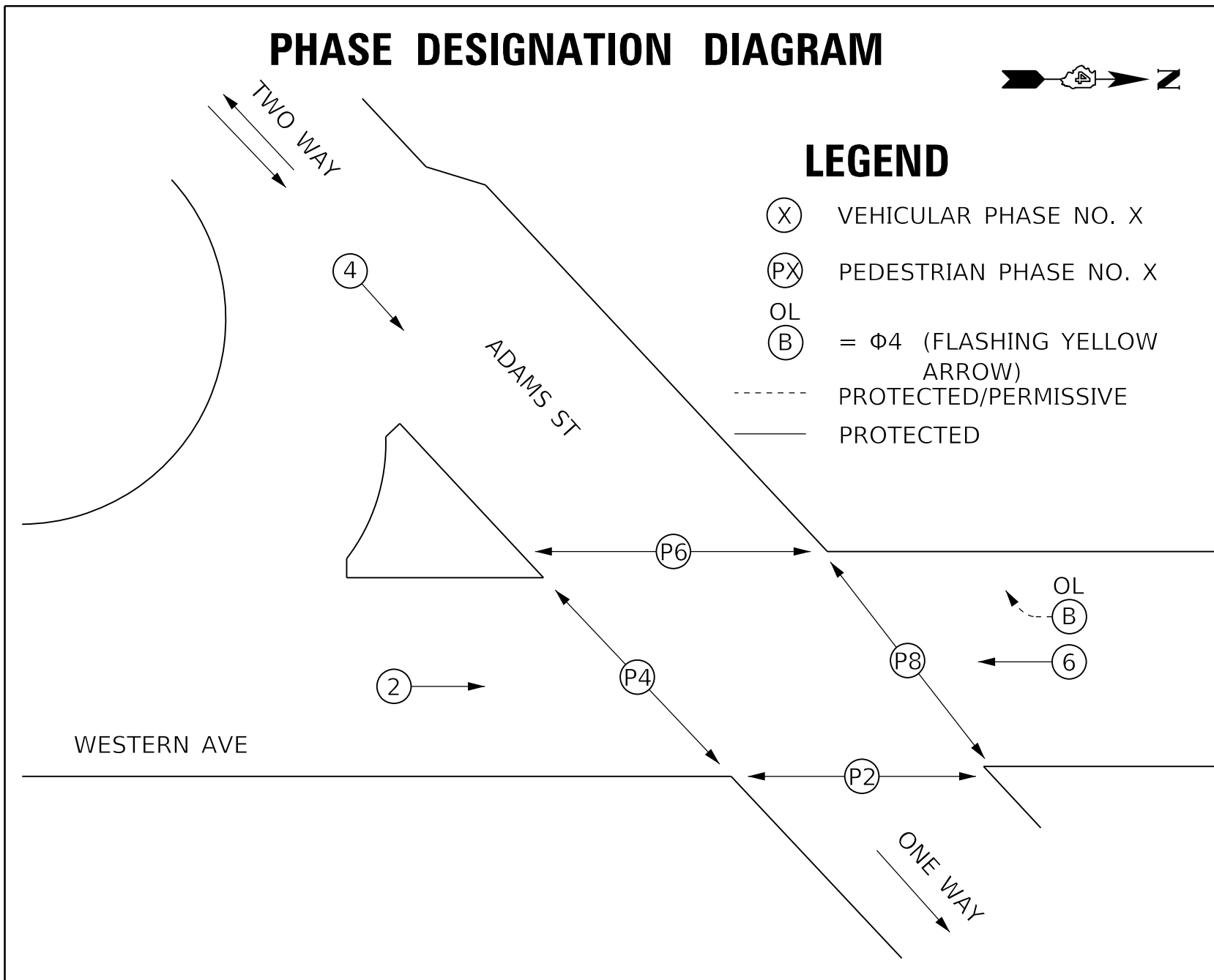
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WESTERN AVENUE AND ADAMS STREET**

SCALE: 1"=20' SHEET 3 OF 19 SHEETS STA. TO STA.

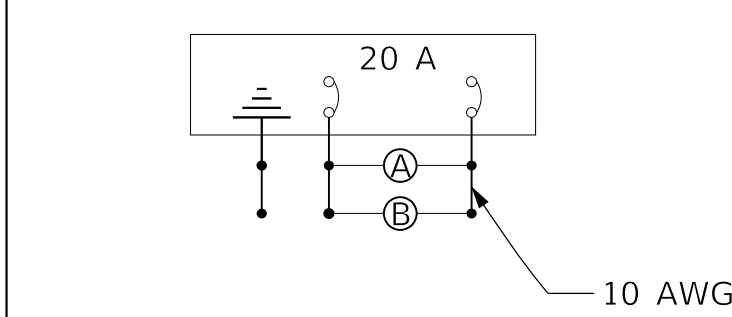
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 273 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



| PROPOSED EMERGENCY VEHICLE PREEMPTORS | | | |
|---------------------------------------|---|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 | 5 |
| MOVEMENT | → | ↘ | ← |

PREEMPTION NOTES:

- ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO NORMAL SEQUENCE OF OPERATIONS TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 857001.
- ALL RED CLEARANCE INTERVALS MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.



LIGHTING CIRCUIT DIAGRAM

AGENCY RESPONSIBLE FOR ENERGY CHARGES: CITY OF PEORIA
 CONTRACTOR PAYS ALL ENERGY CHARGES UNTIL PROJECT IS ACCEPTED

PROPOSED CABLE DIAGRAM LEGEND

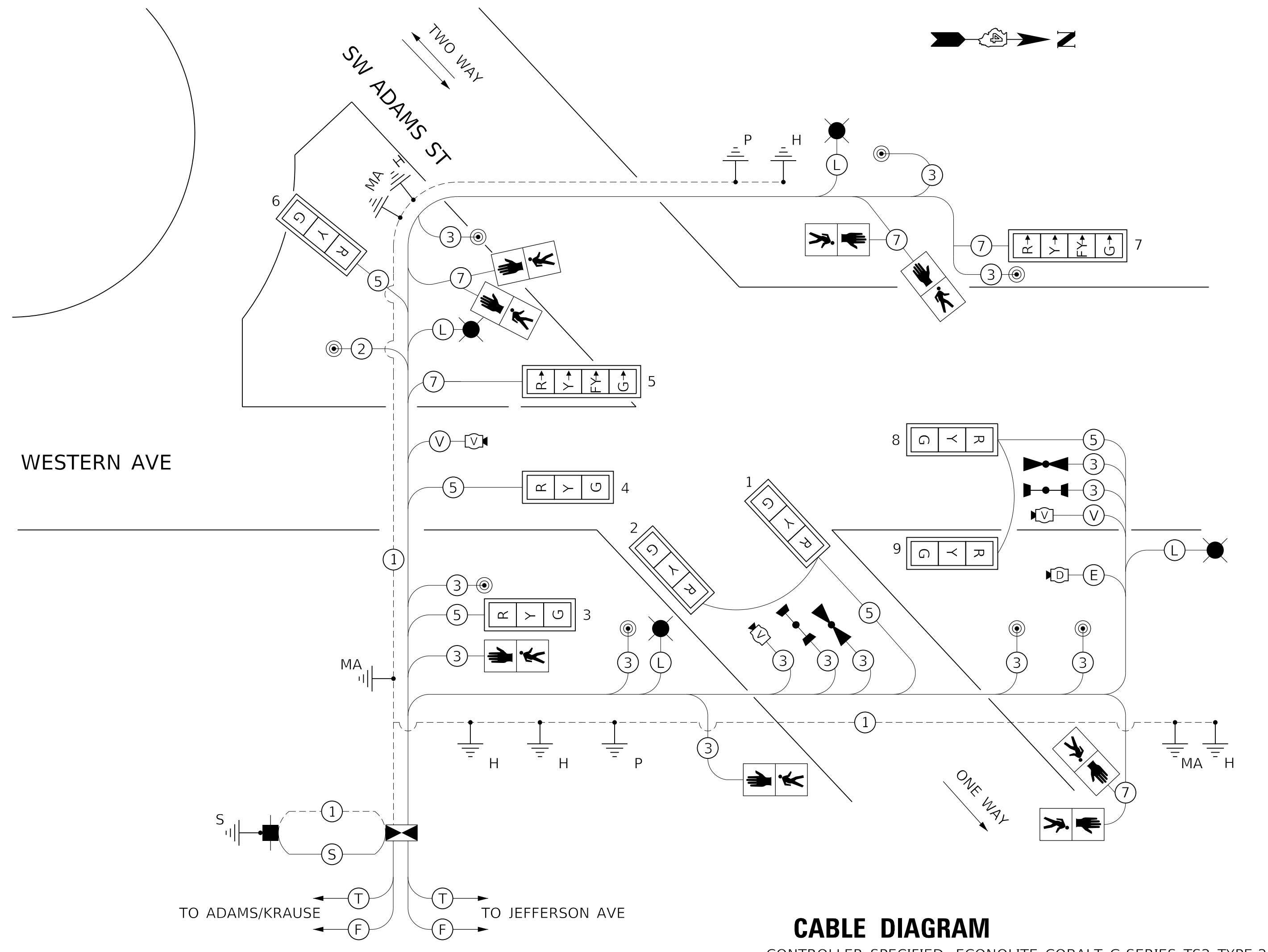
- CONTROLLER AND CABINET WITH UNINTERRUPTIBLE POWER SUPPLY (UPS)
- SERVICE INSTALLATION, TYPE A
- TRAFFIC SIGNAL HEAD WITH RETROREFLECTIVE BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- 16" PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
- PEDESTRIAN PUSH BUTTON
- VIDEO DETECTION CAMERA
- GROUND CONNECTION IN HANDHOLE OR DOUBLE HANDHOLE
- GROUND ROD AT MAST ARM POLE
- GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- GROUND ROD AT POLE
- LIGHT DETECTOR
- CONFIRMATION BEACON (LED)
- DOME PTZ CAMERA ASSEMBLY
- LUMINAIRE, LED (SEE LIGHTING PLANS)

CABLE LEGEND

- (F) FIBER OPTIC CABLE, 96 FIBERS, SINGLE MODE (LATERALLY SPLICE INTO FIBER BACKBONE)
- (T) TRACER CABLE NO. 14 1C (INCLUDED IN COST OF FIBER OPTICAL CABLE)
- (S) SERVICE CABLE
ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- (L) LIGHTING CABLE
600V (XLP-TYPE USE) 2 - 1/C NO. 6 (CONNECT TO NO. 6 CONTINUOUS GROUND WIRE IN MAST ARM) SEE LUMINAIRE (SPECIAL) SPECIFICATION.
- (V) VIDEO DETECTION AND COMMUNICATION CABLES
- (E) CAT 5 ETHERNET CABLE

TRAFFIC SIGNAL GENERAL NOTES

- THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE RESIDENT ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION PRIOR TO INSTALLATION.
- POST MOUNTED SIGNAL HEADS WILL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF CURB. MAST ARM POLES WILL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF CURB (ON THE MAST ARM SIDE).
- ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES. ALL TRAFFIC SIGNAL MOUNTING BRACKETS SHALL BE GALVANIZED STEEL
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- A 3/4" DIAMETER CONTINUOUS MULE TAPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THE ROPE SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM.
- THE RED SECTIONS OF SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER. THE SIGNAL HEADS SHALL MAINTAIN A 16' MINIMUM VERTICAL CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
- HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2' MINIMUM DEPTH OR IN AN INDIRECT ROUTE TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THE WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
- ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RIGS, HANDHOLE FRAMES, CONTROLLER CABINETS, SERVICE RISERS, EXPOSED METALLIC CONDUITS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
- ALL CABLES SHALL RUN TO THE CONTROLLER. NO SPLICING WILL BE ALLOWED, EXCEPT AS SHOWN.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO THE COMMENCEMENT OF WORK TO OBTAIN UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION. THE CONTRACTOR SHALL ARRANGE FOR A PERMIT AND INSPECTION OF THE SERVICE BY THE CITY OF PEORIA ELECTRICAL INSPECTOR. ELECTRICAL SERVICE LOCATION AND ASSOCIATED QUANTITIES MAY CHANGE. ALL CHARGES FROM THE ELECTRIC COMPANY SHALL BE PAID IN ACCORDANCE WITH ARTICLE 109.05 OF THE STANDARDS SPECIFICATIONS.



CABLE DIAGRAM
 CONTROLLER SPECIFIED: ECONOLITE COBALT G-SERIES TS2 TYPE-2

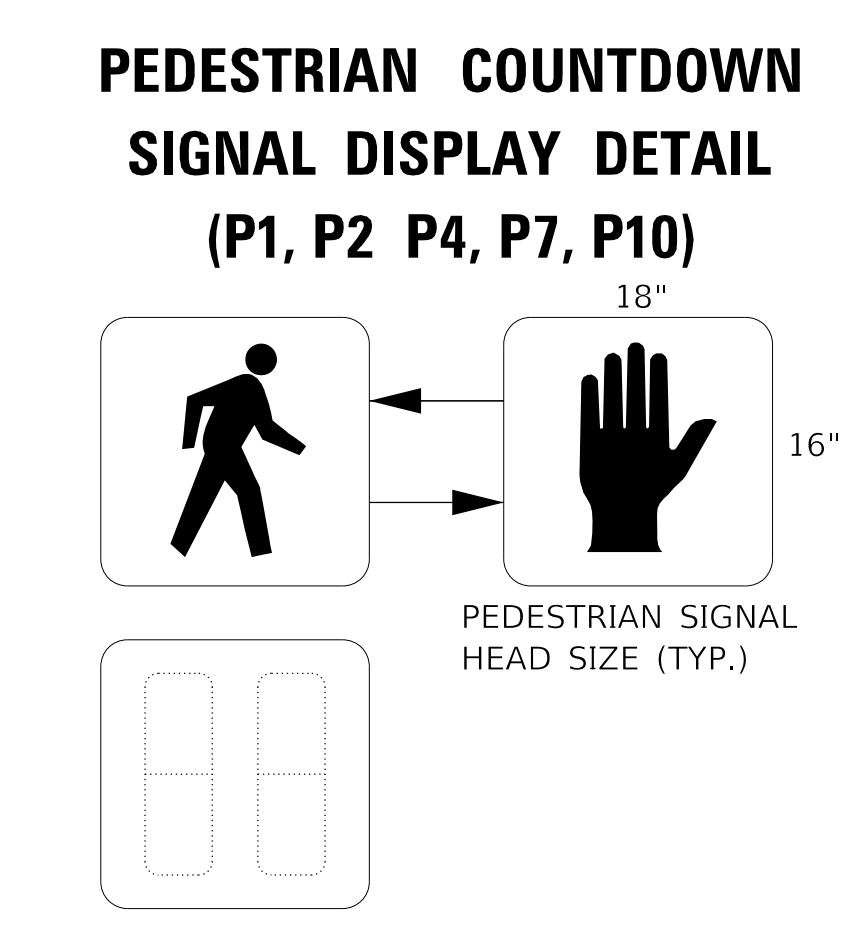
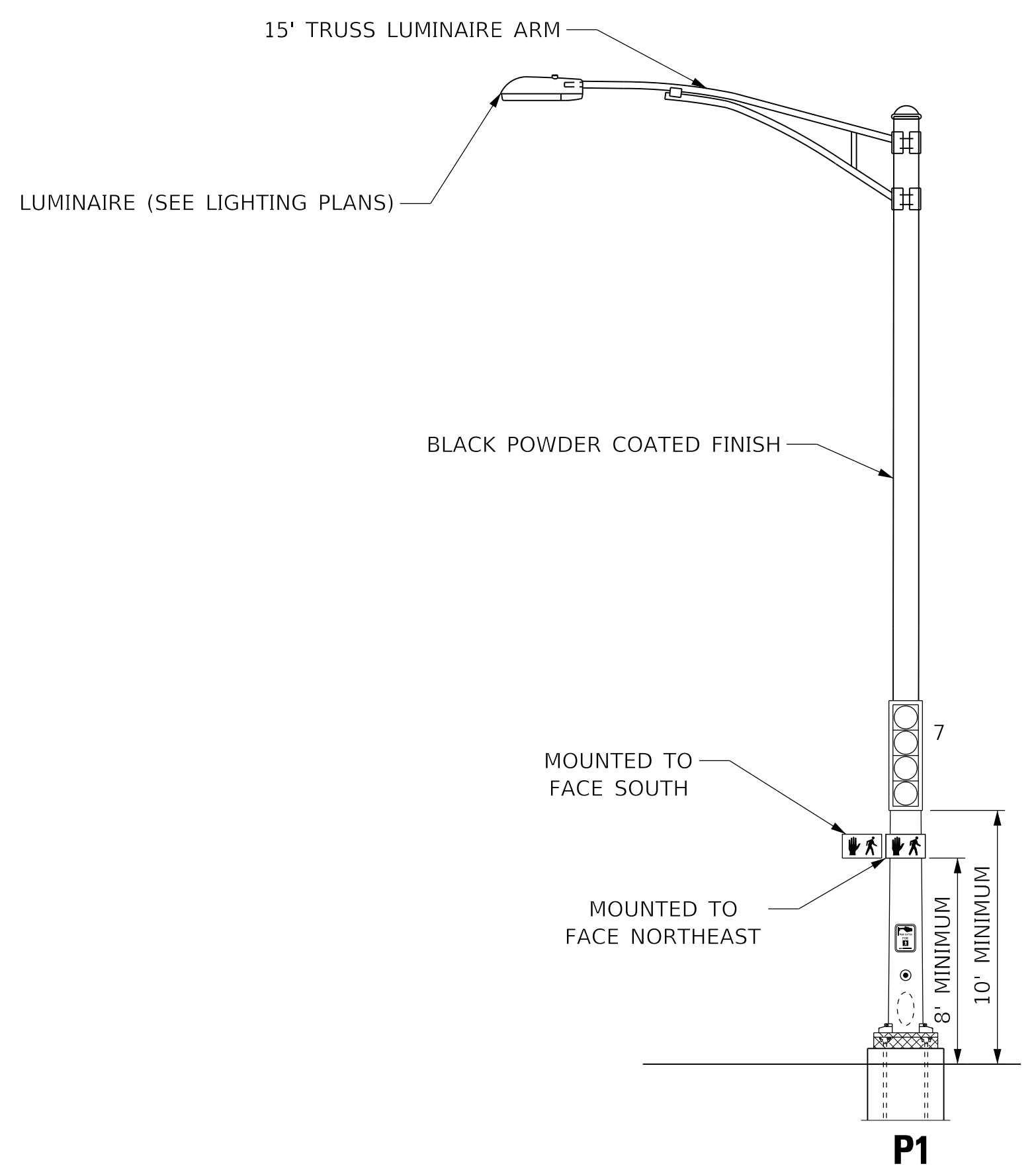
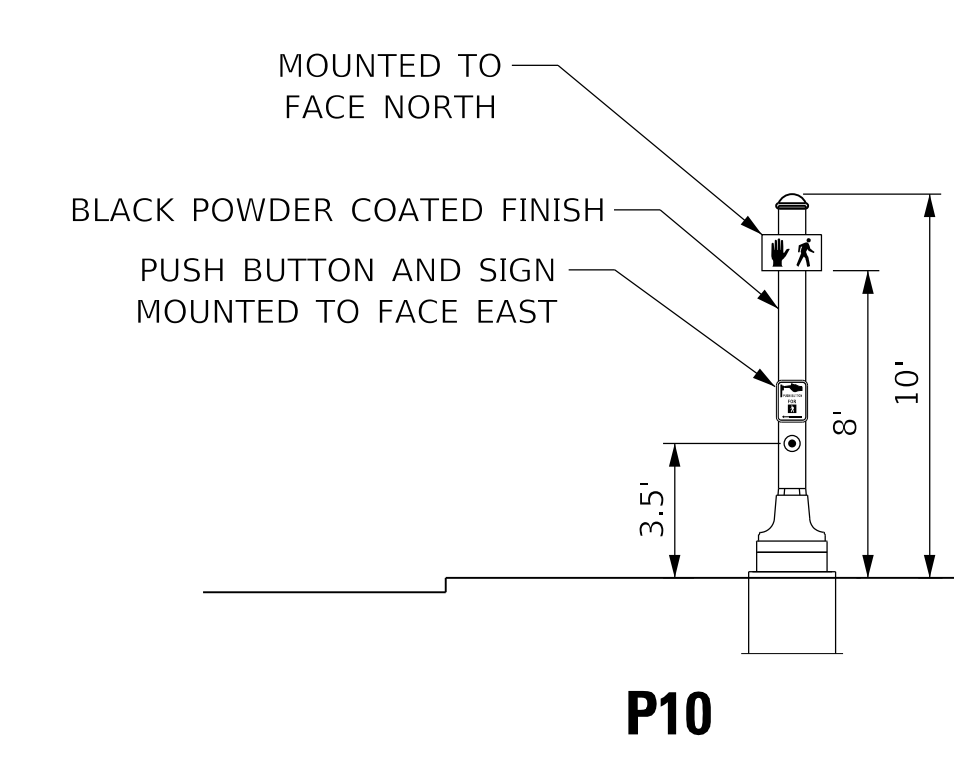
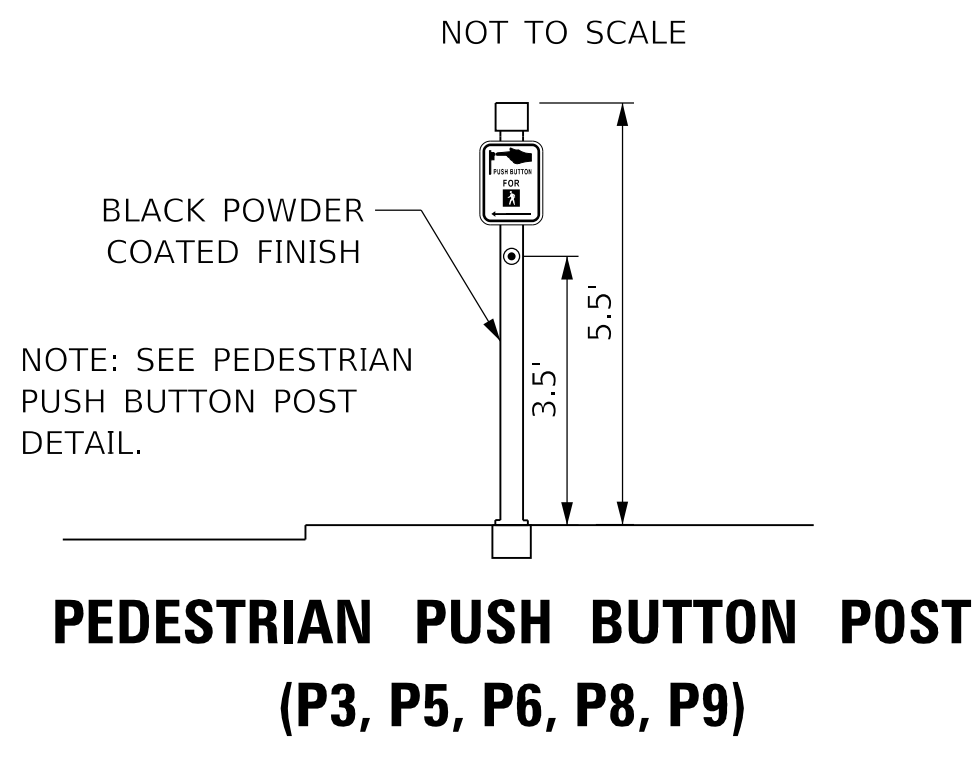
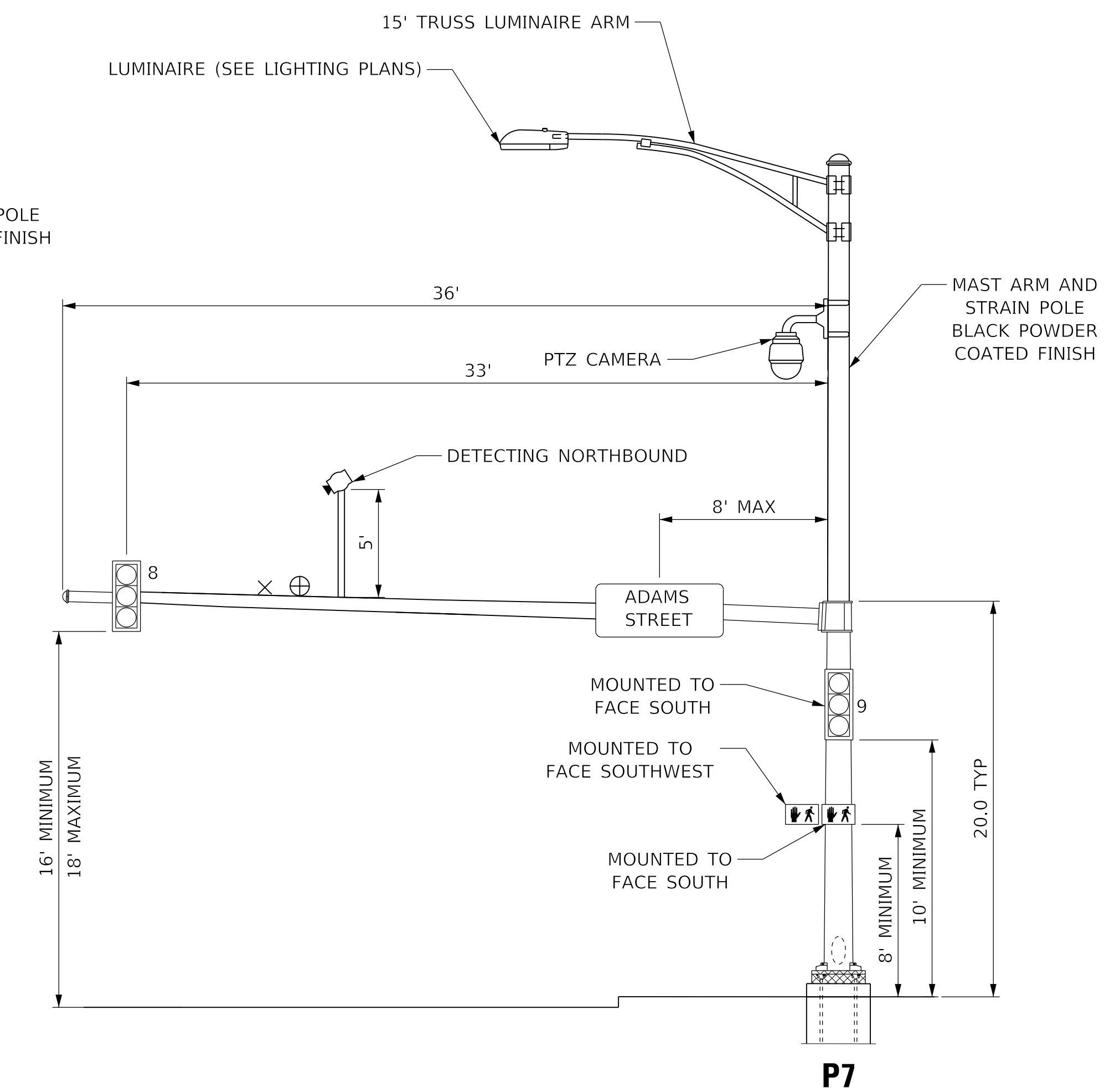
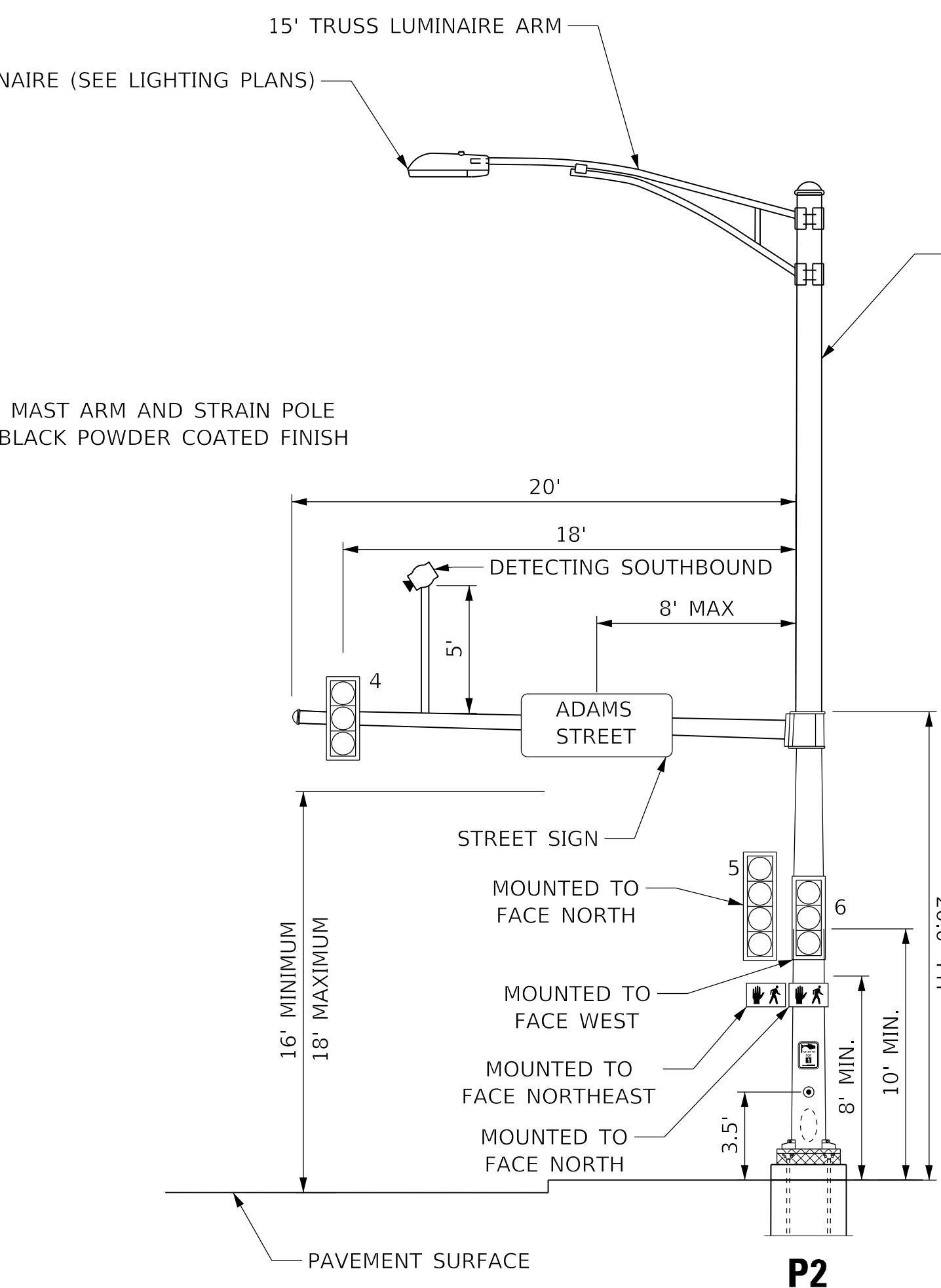
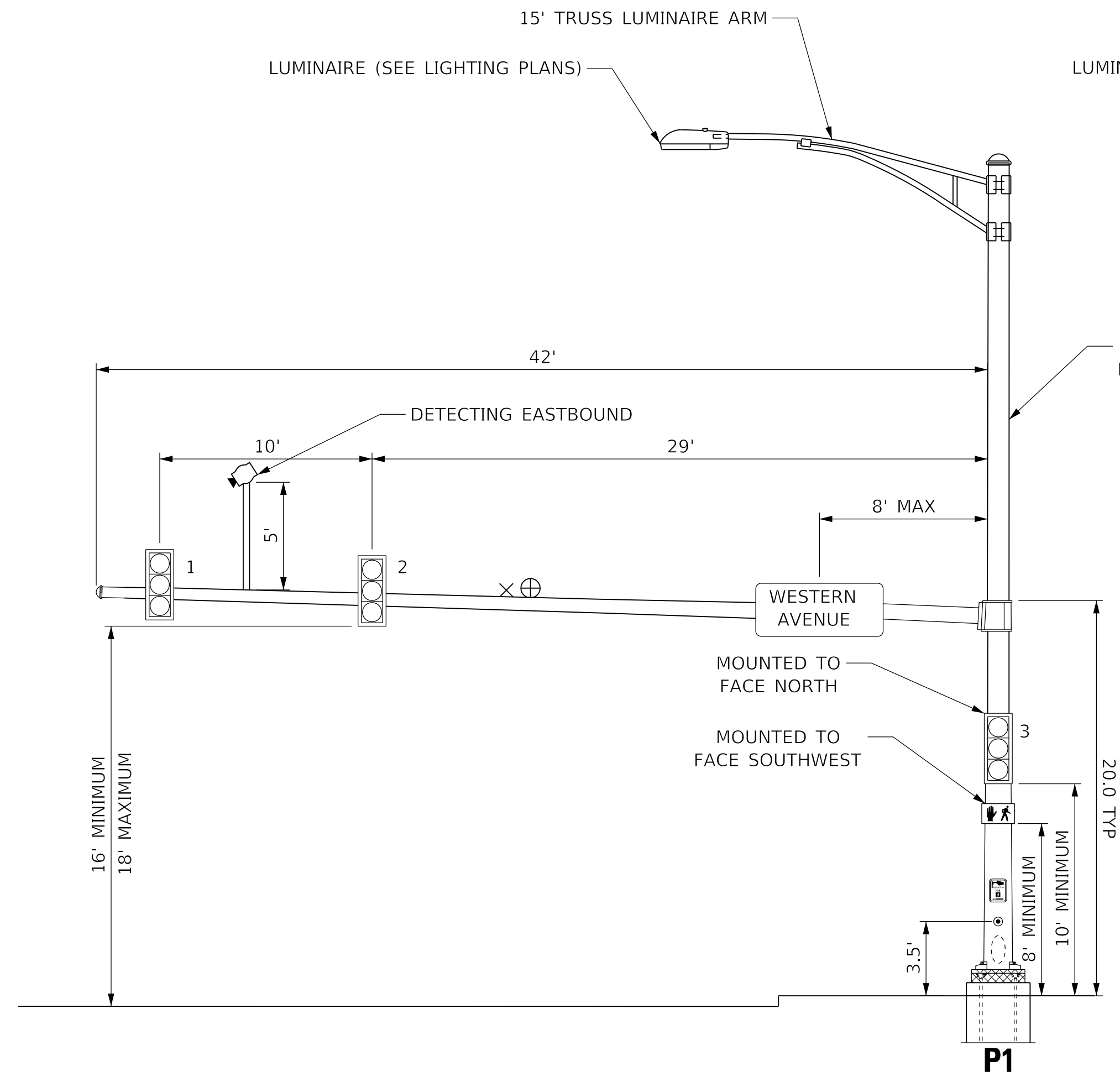
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|---------|--------------|--------------|
| TRAFFIC SIGNAL CABLE PLAN | | | |
| WESTERN AVENUE AND ADAMS STREET | | | |
| SCALE: NTS | SHEET 4 | OF 19 SHEETS | STA. TO STA. |

| | | | | |
|----------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 274 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



VIDEO DETECTION NOTE
FINAL PLACEMENT FOR CAMERA LOCATIONS WILL BE FIELD VERIFIED FOR PROPER FUNCTIONALITY.

SIGNAGE NOTES
STREET NAME SIGNS AND OTHER PROPOSED SIGNS SHOWN ARE TO BE FABRICATED AND INSTALLED BY THE CITY OF PEORIA, EXCEPT AS NOTED BELOW.

PEDESTRIAN PUSH BUTTON SIGNS (R3-10) ARE INCLUDED IN THE COST OF THE PUSH BUTTON AND SHALL BE INSTALLED BY THE CONTRACTOR.

- LEGEND**
- ⊗ LIGHT DETECTOR (PRE-EMPTION)
 - ⊕ CONFIRMATION BEACON (PRE-EMPTION)
 - 📷 VIDEO DETECTION CAMERA

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MAST ARM LOADING DIAGRAM
WESTERN AVENUE AND ADAMS STREET**

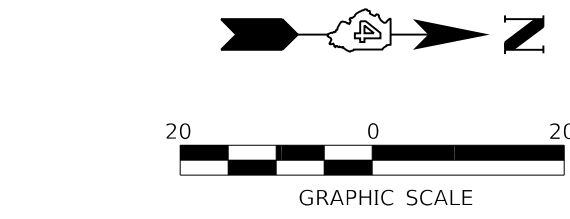
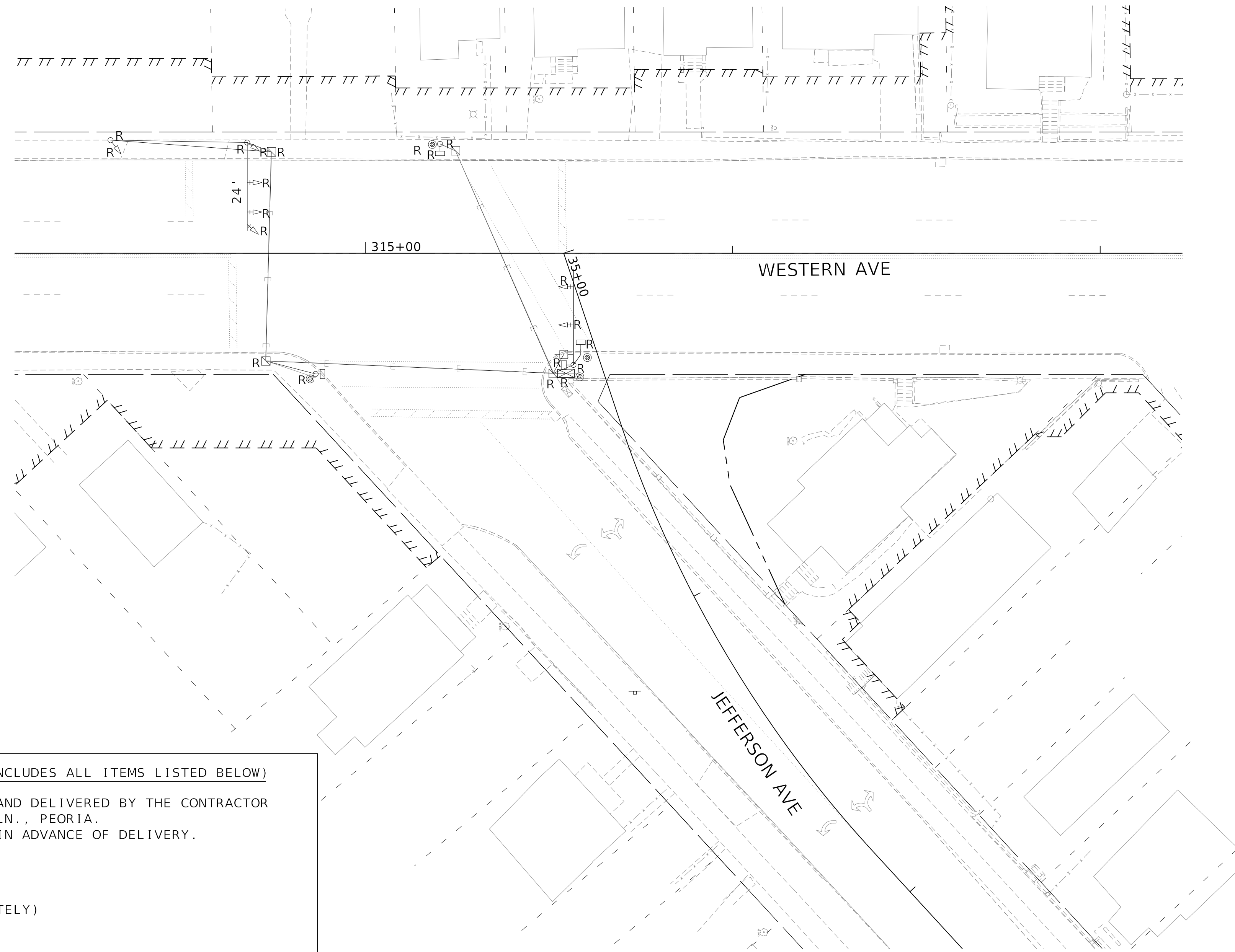
SCALE: NTS SHEET 5 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 275 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

1. THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.
2. ANY MAINTENANCE OF THE EXISTING SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

| SCHEDULE OF QUANTITIES | | |
|--|------|----------|
| ITEM DESCRIPTION | UNIT | QUANTITY |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 4 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 6 |



EXISTING TRAFFIC SIGNAL LEGEND

- ☐ EX HANDHOLE
- EX CONDUIT
- ☒ EX CONTROLLER CABINET
- ⊞ EX ELECTRICAL SERVICE
- ⤴ EX TRAFFIC SIGNAL HEAD
- ⤴ EX TRAFFIC SIGNAL HEAD W/BACKPLATE
- ⊞ EX PEDESTRIAN SIGNAL HEAD
- ⊞ EX STL COMB MAST ARM ASSEMBLY AND POLE
- R EX SIGNAL COMPONENT TO BE REMOVED
- ⊙ EX PEDESTRIAN PUSH BUTTON

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY.1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF PEORIA DEPT. OF PUBLIC WORKS, 3505 DRIES LN., PEORIA. CONTACT IRV LEBLANC AT (309) 303-7440 FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.

| QTY. | ITEM |
|------|---|
| 1.0 | TRAFFIC SIGNAL CONTROLLER AND CABINET |
| 4.0 | HANDHOLE LIDS (DELIVERY ONLY-REMOVAL PAID SEPARATELY) |
| 1.0 | ALUMINUM TRAFFIC SIGNAL POST AND BASE |
| ALL | 16" PEDESTRIAN SIGNAL HEAD WITH VISOR |

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

| QTY. | ITEM |
|------|---|
| 5.0 | SIGNAL HEAD, 1-FACE, 3-SECTION WITH BACKPLATE, MAST ARM MOUNTED |
| 2.0 | SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED |
| 4.0 | PEDESTRIAN SIGNAL HEAD |
| 4.0 | PEDESTRIAN PUSH BUTTON |
| 2.0 | STEEL MAST ARM ASSEMBLY AND POLE |
| 1.0 | SERVICE INSTALLATION |
| ALL | ELECTRIC CABLE |

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












STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REMOVAL
WESTERN AVENUE AND JEFFERSON AVENUE

SCALE: 1"=20' SHEET 6 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 276 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

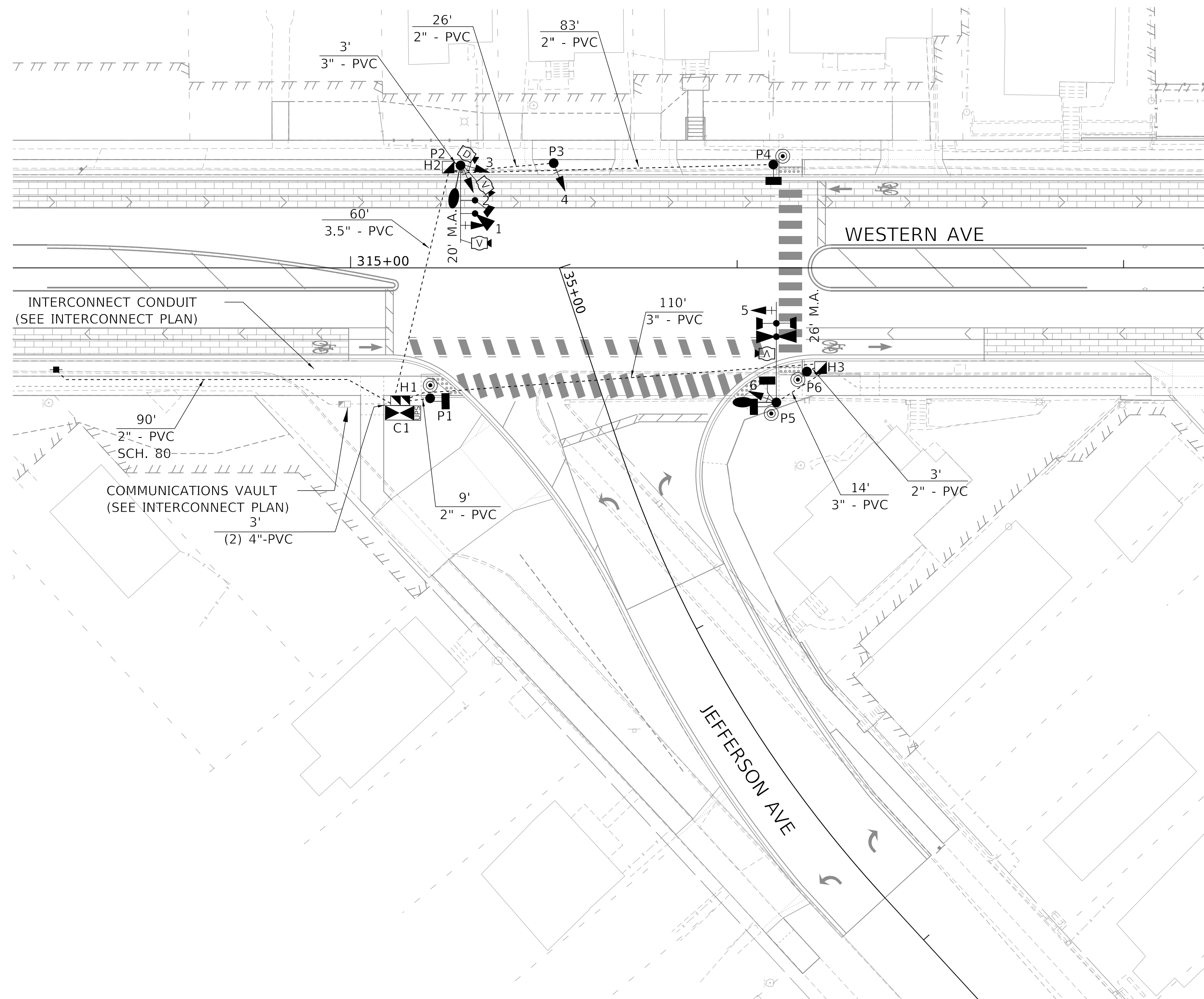
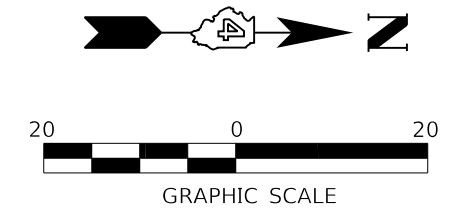
TRAFFIC SIGNAL LEGEND

-  HANDHOLE
-  DOUBLE HANDHOLE
-  CONTROLLER AND CABINET WITH UNINTERRUPTIBLE POWER SUPPLY
-  SIGNAL HEAD WITH BACKPLATE
-  POWER SERVICE INSTALLATION
-  PEDESTRIAN SIGNAL HEAD
-  PEDESTRIAN PUSH BUTTON
-  SIGNAL POST
-  STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
-  CONDUIT
-  LIGHT DETECTOR
-  CONFIRMATION BEACON
-  VIDEO DETECTION CAMERA
-  DOME PTZ CAMERA ASSEMBLY
-  ###' LENGTH
- PVC SIZE - TYPE
-  LUMINAIRE MAST ARM

| HANDHOLE DATA | | | |
|---------------|---------|--------|-----------------|
| NO. | STATION | OFFSET | DESCRIPTION |
| H1 | 315+11 | 37' RT | DOUBLE HANDHOLE |
| H2 | 315+25 | 26' LT | HANDHOLE |
| H3 | 316+22 | 26' LT | HANDHOLE |

| SCHEDULE OF SIGNAL HEAD QUANTITIES | | | |
|------------------------------------|-----------------|------|----------|
| LOCATION | ITEM | UNIT | QUANTITY |
| 2, 3, 4, 6 | SH, 1F, 3S, BM | EACH | 4 |
| 1, 5 | SH, 1F, 3S, MAM | EACH | 2 |

| POST AND MAST ARM DATA | | | | |
|------------------------|---------|----------|---|--------------------------|
| ID | STATION | OFFSET | DESCRIPTION | FDN. |
| C1 | 315+08 | 38' RT | CONTROLLER CABINET AND FOUNDATION, TYPE IV | TYPE D, 3.5' DEEP |
| P1 | 315+21 | 34' RT | TRAFFIC SIGNAL POST, GALAVANIZED STEEL, 11 FT. | TYPE A, 24" DIA, 3'DEEP |
| P2 | 315+28 | 26.5' LT | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 26 FT | TYPE E, 30" DIA, 10'DEEP |
| P3 | 315+53 | 27' LT | TRAFFIC SIGNAL POST, GALAVANIZED STEEL, 14 FT. | TYPE A, 24" DIA, 3'DEEP |
| P4 | 316+09 | 27' LT | TRAFFIC SIGNAL POST, GALAVANIZED STEEL, 10 FT. | TYPE A, 24" DIA, 3'DEEP |
| P5 | 316+10 | 35' RT | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 20 FT | TYPE E, 30" DIA, 10'DEEP |
| P6 | 316+18 | 27' RT | PEDESTRIAN PUSH BUTTON-POST | 12"x12", 2.5'DEEP |



| ITEM | UNIT | QUANTITY |
|---|------|----------|
| SERVICE INSTALLATION, TYPE A | EACH | 1 |
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 202 |
| UNDERGROUND CONDUIT, PVC, 3" DIA. | FOOT | 127 |
| UNDERGROUND CONDUIT, PVC, 3 1/2" DIA. | FOOT | 60 |
| UNDERGROUND CONDUIT, PVC, 4" DIA. | FOOT | 6 |
| HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 2 |
| DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 969 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 965 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 169 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C | FOOT | 202 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 109 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 335 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT. | EACH | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 11 FT. | EACH | 1 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT. | EACH | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 20 FT | EACH | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 26 FT | EACH | 1 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 9 |
| CONCRETE FOUNDATION, TYPE D | FOOT | 3.5 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | 20 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 4 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 2 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER | EACH | 2 |
| PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER | EACH | 1 |
| TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE | EACH | 6 |
| CONFIRMATION BEACON | EACH | 2 |
| LIGHT DETECTOR | EACH | 2 |
| LIGHT DETECTOR AMPLIFIER | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON | EACH | 4 |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 4 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 6 |
| VIDEO VEHICLE DETECTION, 3 CAMERAS | EACH | 1 |
| CAT 5 ETHERNET CABLE | FOOT | 135 |
| CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED | EACH | 1 |
| FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 |
| FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON POST | EACH | 1 |
| TRAFFIC SIGNAL BATTERY BACKUP SYSTEM | EACH | 1 |

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| PLOT DATE = 2/20/2020 1:34:07 PM | | |

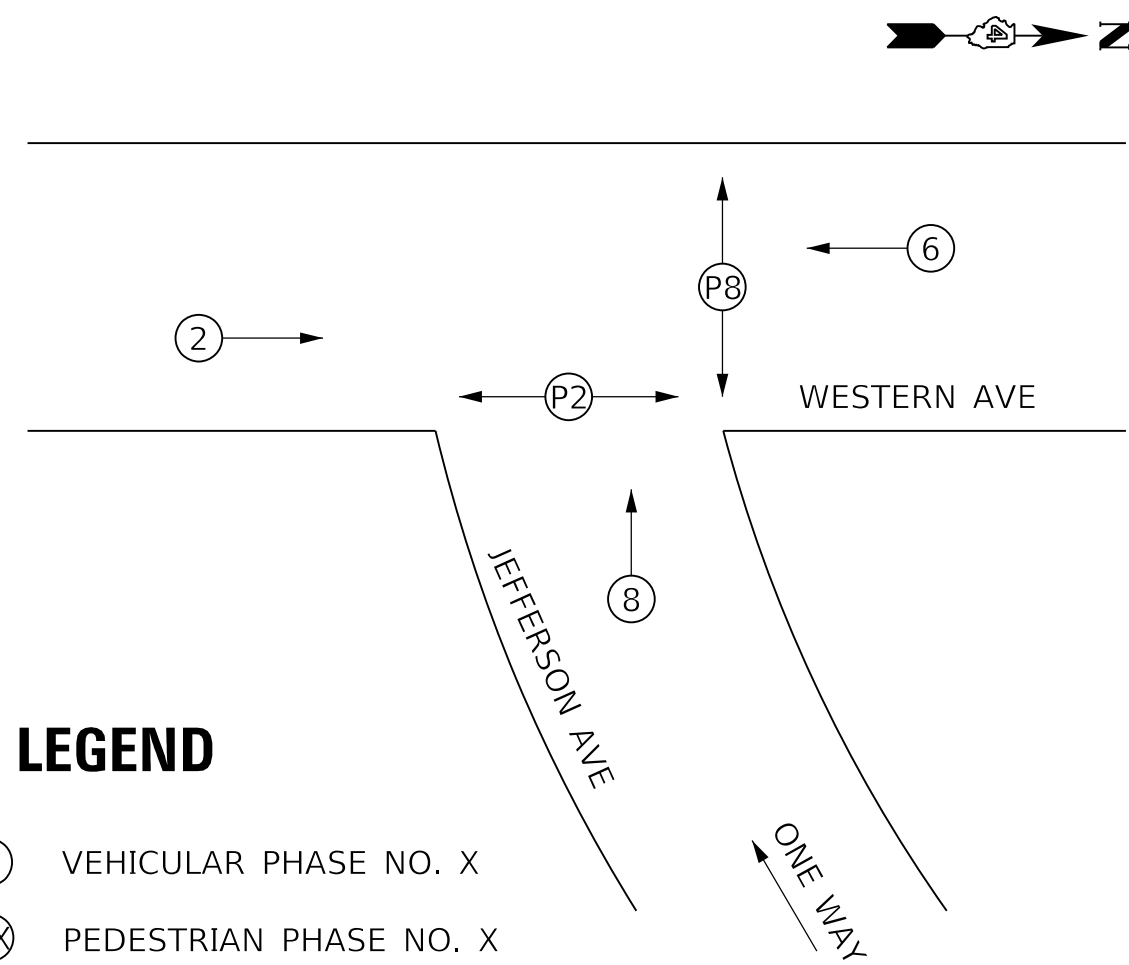
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WESTERN AVENUE AND JEFFERSON AVENUE**

SCALE: 1"=20' SHEET 7 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 277 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |

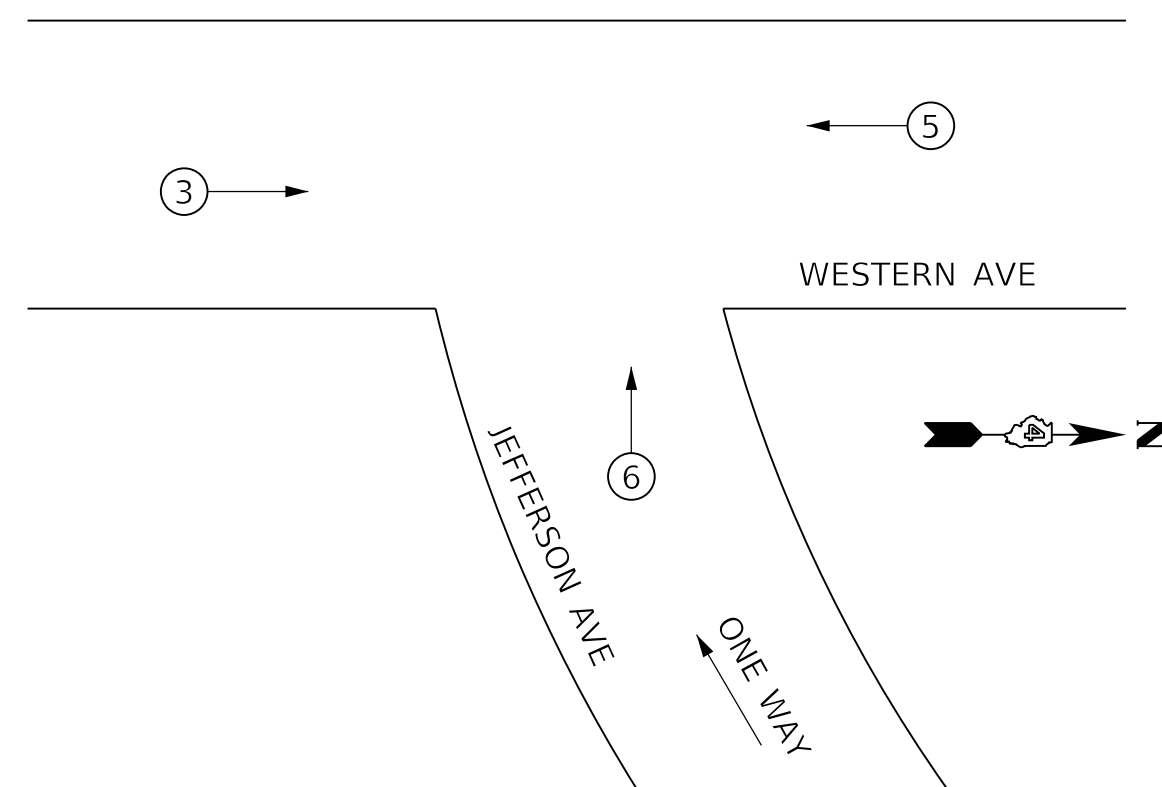
PHASE DESIGNATION DIAGRAM



LEGEND

- (X) VEHICULAR PHASE NO. X
- (PX) PEDESTRIAN PHASE NO. X

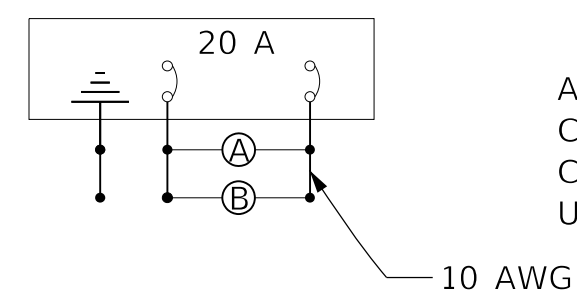
EMERGENCY VEHICLE PREEMPTION



| PROPOSED EMERGENCY VEHICLE PREEMPTORS | | | |
|---------------------------------------|---|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 5 | 6 |
| MOVEMENT | → | ← | ↙ |

PREEMPTION NOTES:

- ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO NORMAL SEQUENCE OF OPERATIONS TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 857001.
- ALL RED CLEARANCE INTERVALS MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.



AGENCY RESPONSIBLE FOR ENERGY CHARGES:
CITY OF PEORIA
CONTRACTOR PAYS ALL ENERGY CHARGES UNTIL PROJECT IS ACCEPTED

LIGHTING CIRCUIT DIAGRAM

PROPOSED CABLE DIAGRAM LEGEND

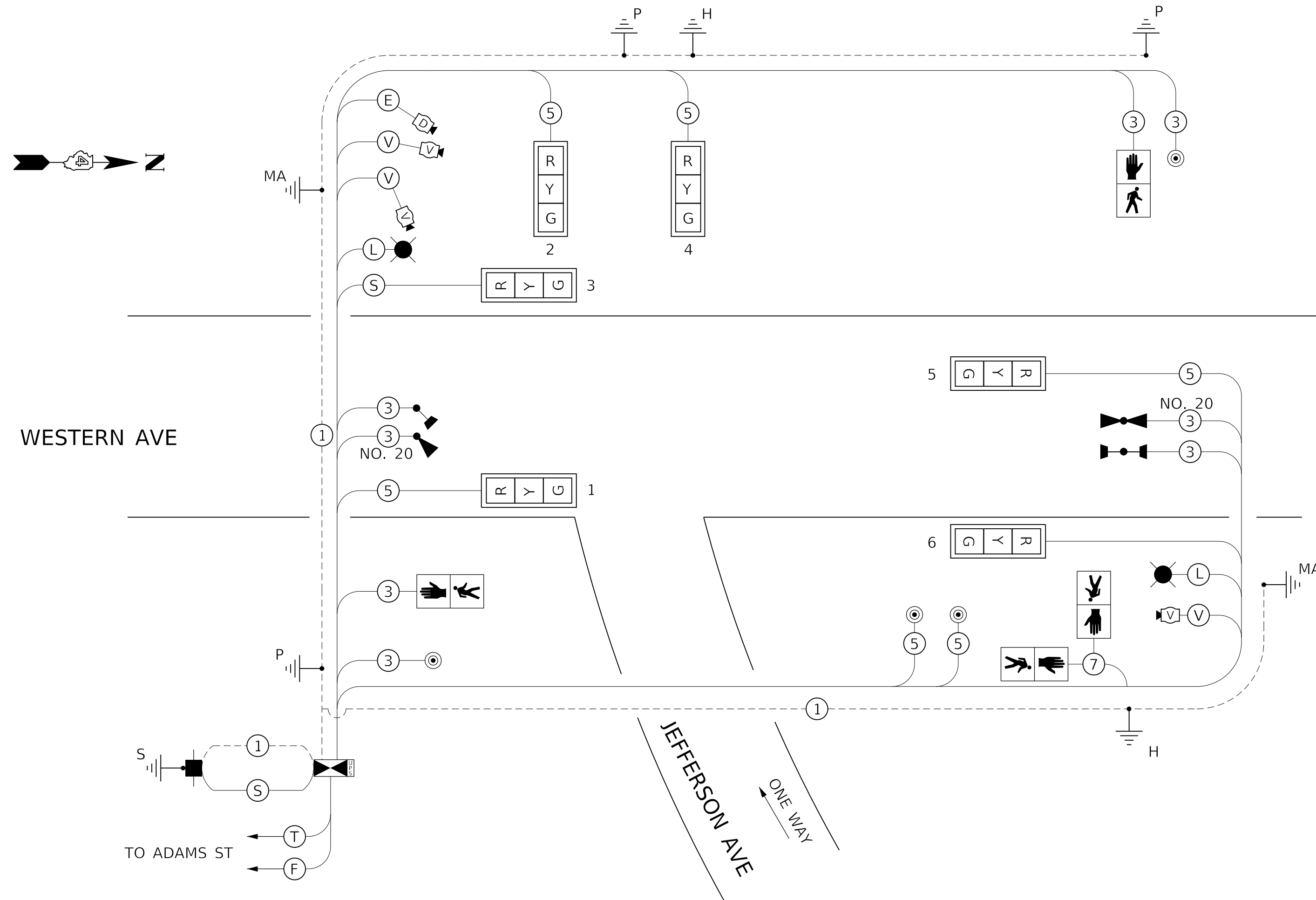
- CONTROLLER AND CABINET WITH UNINTERRUPTIBLE POWER SUPPLY (UPS)
- POWER SERVICE INSTALLATION
- TRAFFIC SIGNAL HEAD WITH RETROREFLECTIVE BACKPLATE
- DENOTES NUMBER OF CONDUCTORS
- LUMINAIRE, LED, 4000 K
- 16" PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER
- PEDESTRIAN PUSH BUTTON
- VIDEO DETECTION CAMERA
- GROUND CONNECTION IN HANDHOLE OR DOUBLE HANDHOLE
- GROUND ROD AT MAST ARM POLE
- GROUND ROD AT ELECTRIC SERVICE INSTALLATION
- GROUND ROD AT SIGNAL POST
- LIGHT DETECTOR
- CONFIRMATION BEACON (LED)
- DOME PTZ CAMERA ASSEMBLY
- LUMINAIRE, LED (SEE LIGHTING PLANS)

CABLE LEGEND

- (F) FIBER OPTIC CABLE, 96 FIBERS, SINGLE MODE
- (T) TRACER CABLE NO. 14 1C (INCLUDED IN COST OF FIBER OPTIC CABLE)
- (S) SERVICE CABLE
ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C
- (L) LIGHTING CABLE
600V (XLP-TYPE USE) 2 - 1/C NO. 6 (CONNECT TO NO. 6 CONTINUOUS GROUND WIRE IN MAST ARM) SEE LUMINAIRE (SPECIAL) SPECIFICATION.
- (V) VIDEO DETECTION AND COMMUNICATION CABLES
- (E) CAT 5 ETHERNET CABLE

TRAFFIC SIGNAL GENERAL NOTES

- THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE RESIDENT ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION PRIOR TO INSTALLATION.
- POST MOUNTED SIGNAL HEADS WILL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF CURB. MAST ARM POLES WILL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF CURB (ON THE MAST ARM SIDE).
- ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES. ALL TRAFFIC SIGNAL MOUNTING BRACKETS SHALL BE GALVANIZED STEEL.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- A 3/4" DIAMETER CONTINUOUS MULE TAPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THE ROPE SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM.
- THE RED SECTIONS OF SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER. THE SIGNAL HEADS SHALL MAINTAIN A 16' MINIMUM VERTICAL CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
- HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2' MINIMUM DEPTH OR IN AN INDIRECT ROUTE TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THE WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
- ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RIGS, HANDHOLE FRAMES, CONTROLLER CABINETS, SERVICE RISERS, EXPOSED METALLIC CONDUITS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
- ALL CABLES SHALL RUN CONTINUOUS TO THE CONTROLLER. NO SPLICING WILL BE ALLOWED, EXCEPT AS SHOWN.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO THE COMMENCEMENT OF WORK TO OBTAIN UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION. THE CONTRACTOR SHALL ARRANGE FOR A PERMIT AND INSPECTION OF THE SERVICE BY THE CITY OF PEORIA ELECTRICAL INSPECTOR. ELECTRICAL SERVICE LOCATION AND ASSOCIATED QUANTITIES MAY CHANGE. CHARGES RELATED TO ESTABLISHING ELECTRIC SERVICE WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.05



CABLE DIAGRAM

CONTROLLER SPECIFIED: ECONOLITE COBALT G-SERIES TS2 TYPE-2

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16187005-SHT-TTRAFFIC-SIGNAL02-JEFFERSON-CABLE.dgn

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| | PLOT SCALE = 20.0000" / in. | DATE - 2/21/2020 | REVISED - |
| | PLOT DATE = 2/20/2020 1:34:12 PM | | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
WESTERN AVENUE AND JEFFERSON AVENUE

SCALE: NTS SHEET 8 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|------------------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 278 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS | | FED. AID PROJECT | | |

LEGEND

- × LIGHT DETECTOR (PRE-EMPTION)
- ⊕ CONFIRMATION BEACON (PRE-EMPTION)
- 📷 VIDEO DETECTION CAMERA

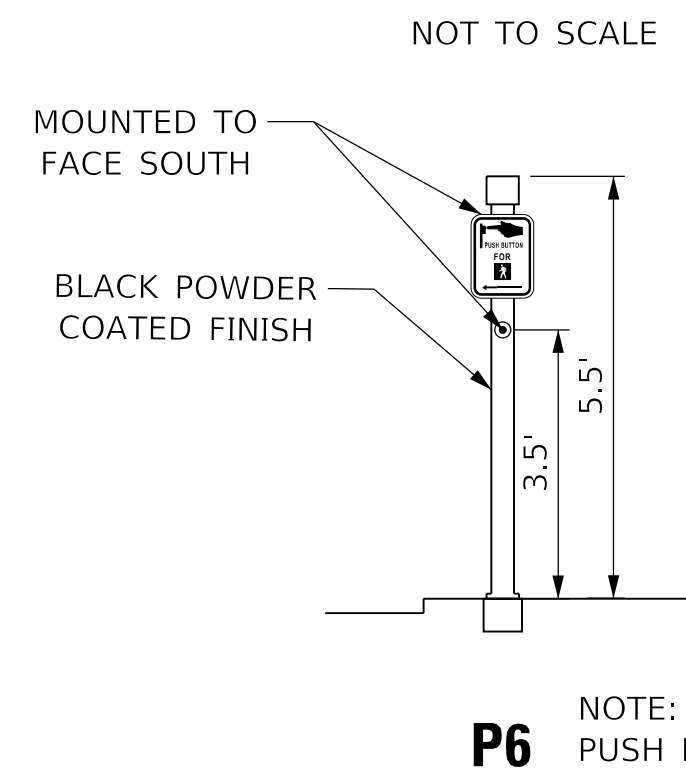
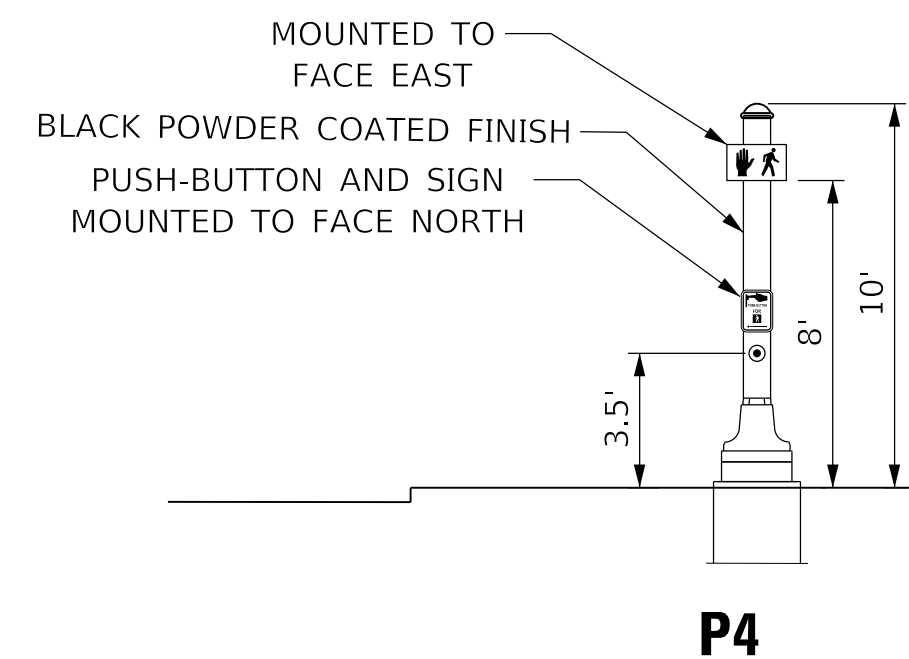
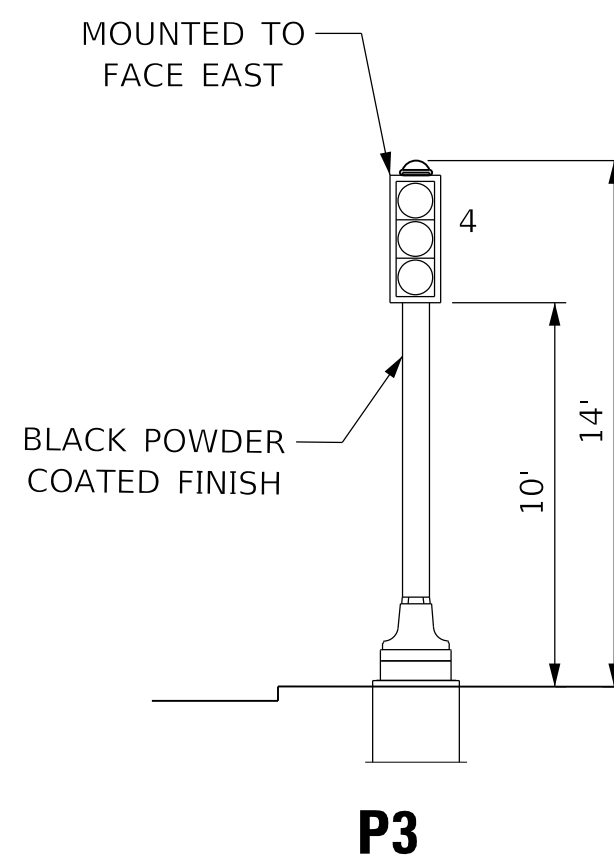
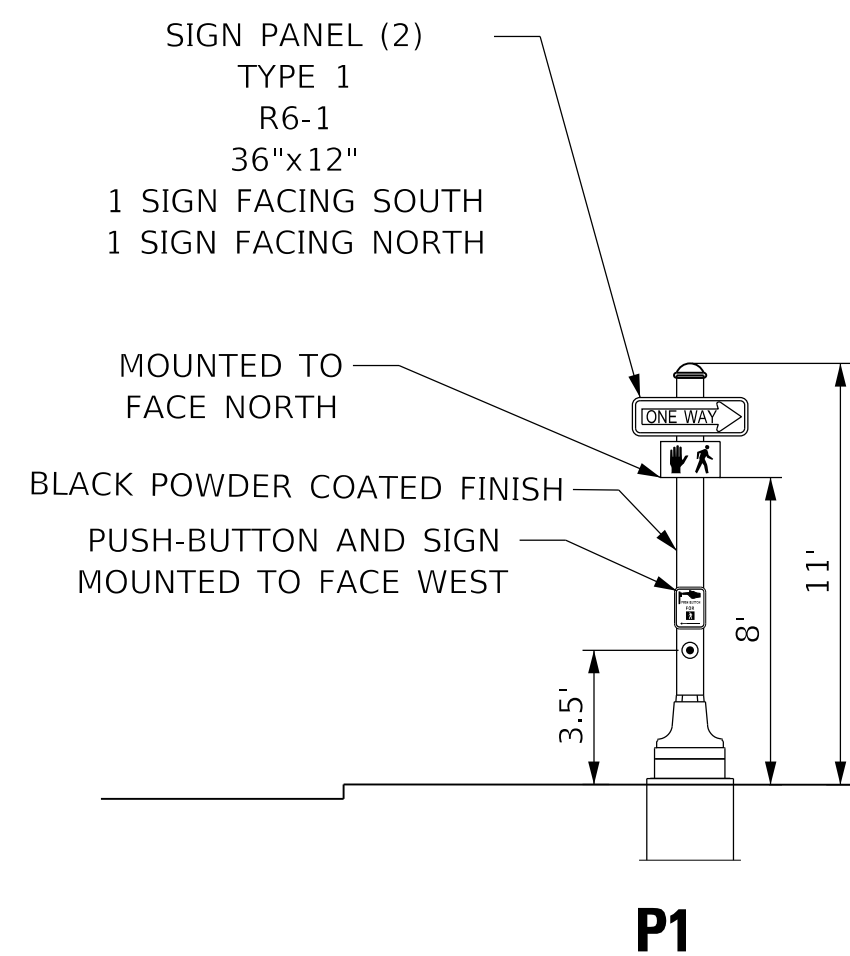
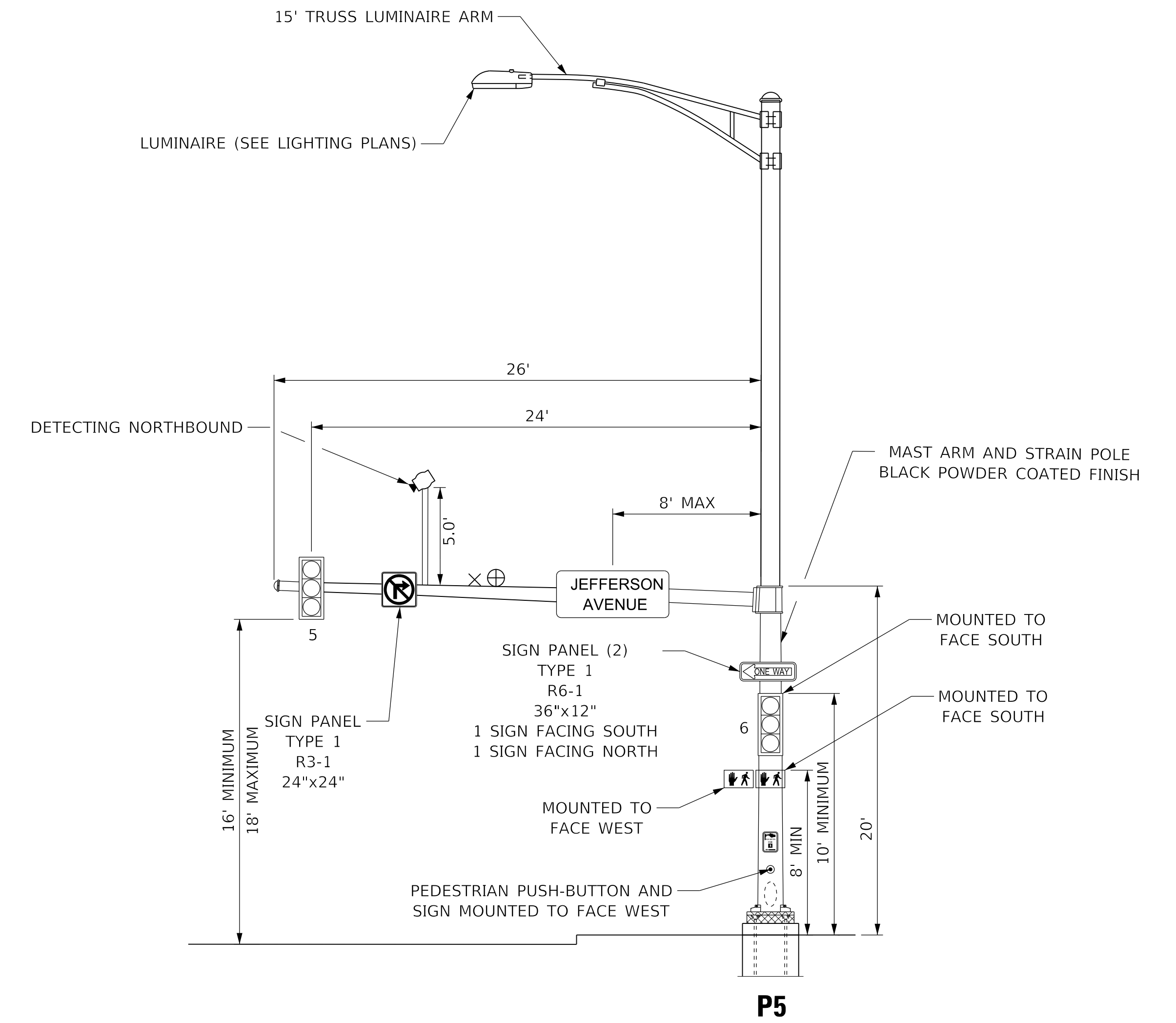
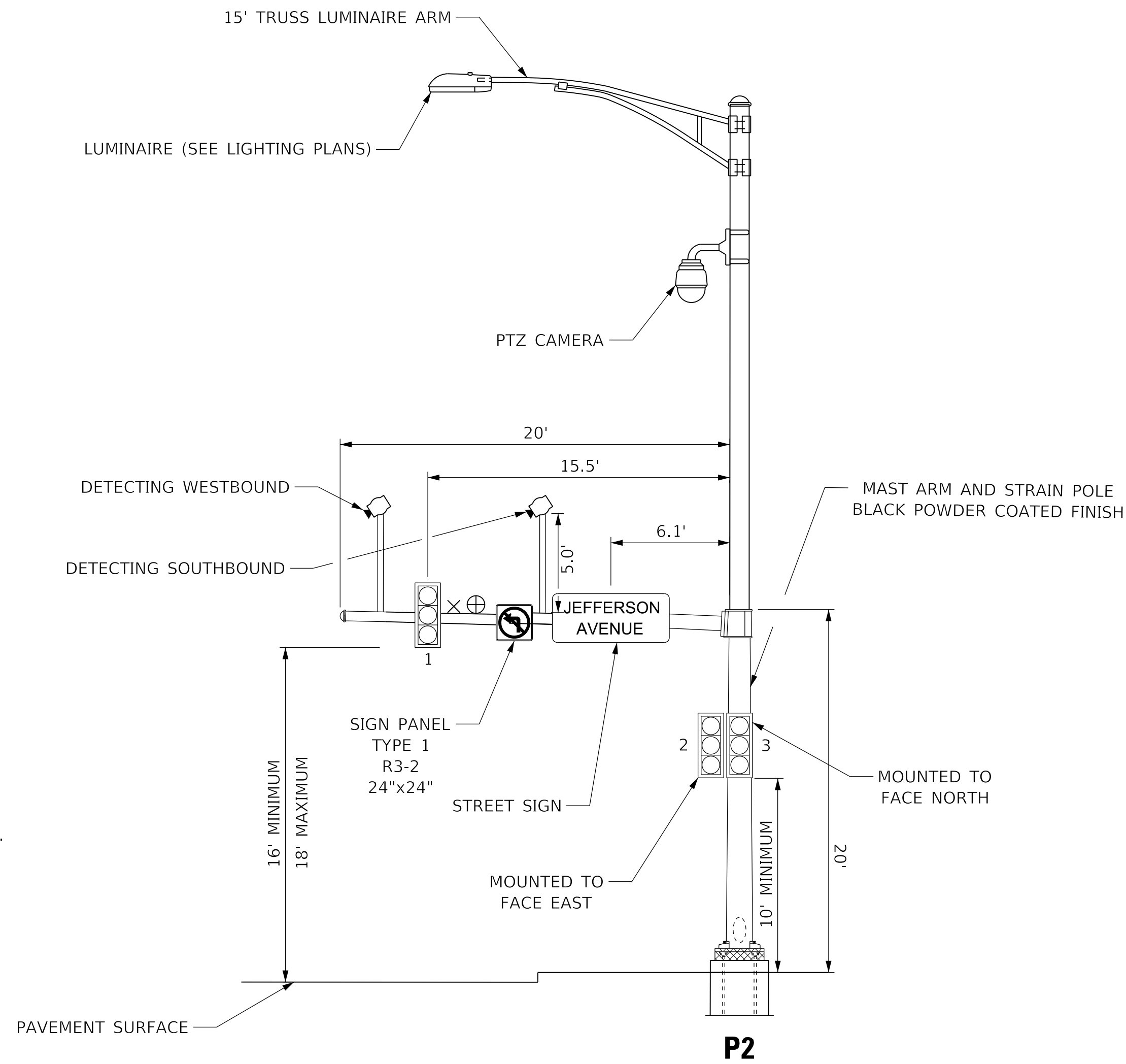
VIDEO DETECTION NOTE

FINAL PLACEMENT FOR CAMERA LOCATIONS WILL BE FIELD VERIFIED FOR PROPER FUNCTIONALITY.

SIGNAGE NOTES

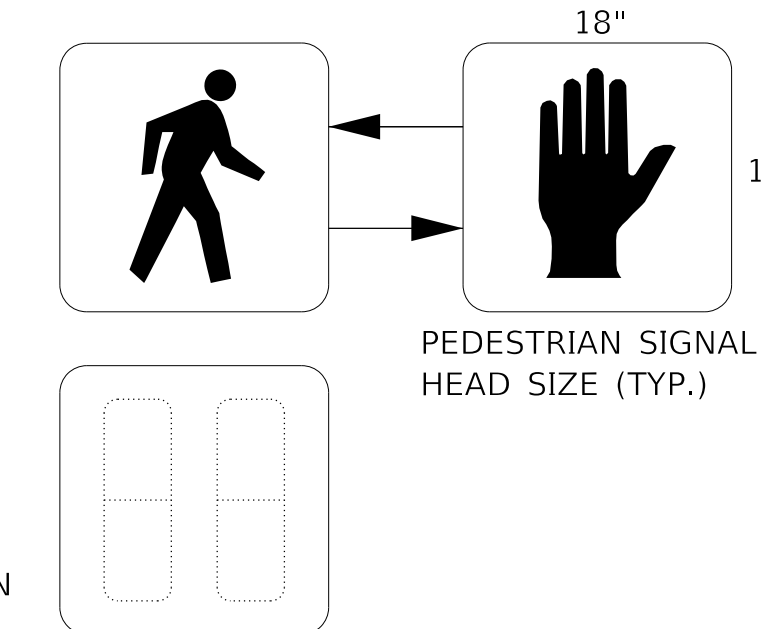
STREET NAME SIGNS AND OTHER PROPOSED SIGNS SHOWN ARE TO BE FABRICATED AND INSTALLED BY THE CITY OF PEORIA, EXCEPT AS NOTED BELOW.

PEDESTRIAN PUSH BUTTON SIGNS (R3-10) ARE INCLUDED IN THE COST OF THE PUSH BUTTON AND SHALL BE INSTALLED BY THE CONTRACTOR.

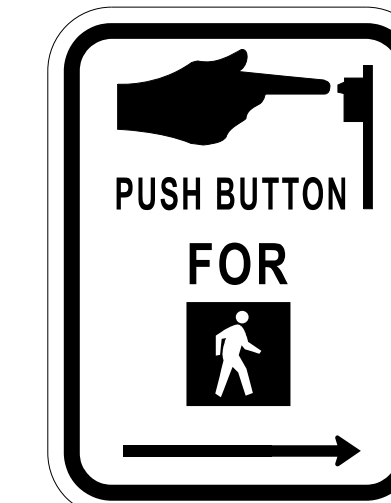


NOTE: SEE PEDESTRIAN PUSH BUTTON POST DETAIL.

PEDESTRIAN COUNTDOWN SIGNAL DISPLAY DETAIL (P1, P4, P5)



PEDESTRIAN CROSSING SIGN DETAIL (P5)



1 REQUIRED
PEDESTRIAN PUSH-BUTTON SIGN
MUTCD R10-3 (RIGHT)
9" X 12" = 0.75 SQ FT
DIAMOND GRADE SHEETING

PEDESTRIAN CROSSING SIGN DETAIL (P1, P4, P6)



3 REQUIRED
PEDESTRIAN PUSH-BUTTON SIGN
MUTCD R10-3 (LEFT)
9" X 12" = 0.75 SQ FT
DIAMOND GRADE SHEETING

MODEL: D:\default\TERRA\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-TAFFIC-SIGNAL02-JEFFERSON-MAST.dgn



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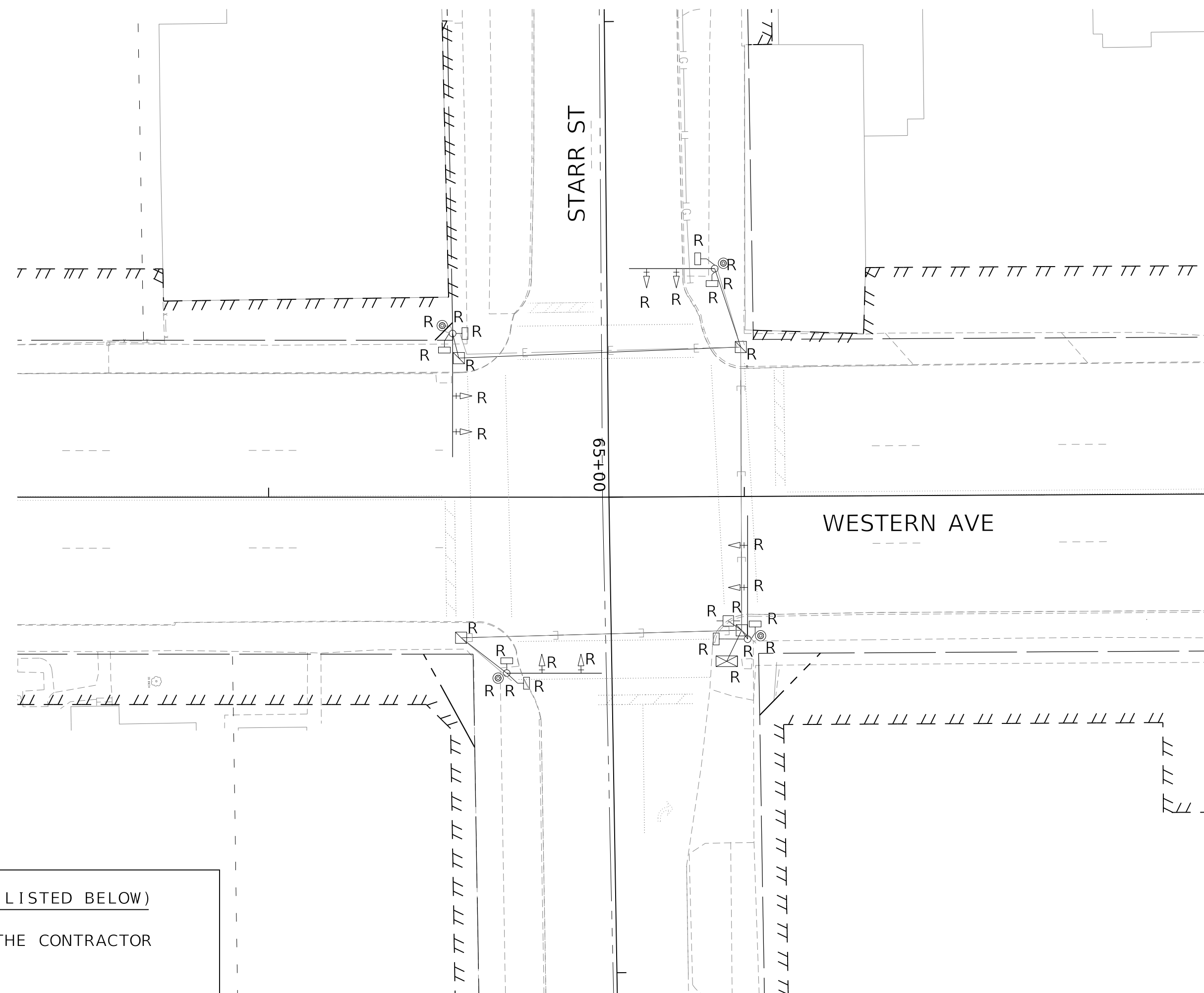
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MAST ARM LOADING DIAGRAM
WESTERN AVENUE AND JEFFERSON AVENUE**

SCALE: NTS SHEET 9 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 279 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

| SCHEDULE OF QUANTITIES | | |
|--|------|----------|
| ITEM DESCRIPTION | UNIT | QUANTITY |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 4 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 5 |



EXISTING TRAFFIC SIGNAL LEGEND

- ☐ EX HANDHOLE
- EX CONDUIT
- ☒ EX CONTROLLER CABINET
- ☐ EX ELECTRICAL SERVICE
- EX TRAFFIC SIGNAL HEAD
- EX TRAFFIC SIGNAL HEAD W/BACKPLATE
- ☐ EX PEDESTRIAN SIGNAL HEAD
- EX STL COMB MAST ARM ASSEMBLY AND POLE
- R EX SIGNAL COMPONENT TO BE REMOVED
- ⊙ EX PEDESTRIAN PUSH BUTTON

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY.1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF PEORIA DEPT. OF PUBLIC WORKS, 3505 DRIES LN., PEORIA. CONTACT IRV LEBLANC FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.

| | |
|-------------|---|
| QTY. | ITEM |
| 1.0 | TRAFFIC SIGNAL CONTROLLER AND CABINET |
| 4.0 | HANDHOLE LIDS (DELIVERY ONLY-REMOVAL PAID SEPARATELY) |
| 8.0 | PEDESTRIAN SIGNAL HEAD |

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

| | |
|-------------|---|
| QTY. | ITEM |
| 8.0 | SIGNAL HEAD, 1-FACE, 3-SECTION WITH BACKPLATE, MAST ARM MOUNTED |
| 4.0 | PEDESTRIAN PUSH BUTTON |
| 4.0 | STEEL MAST ARM ASSEMBLY AND POLE |
| 1.0 | SERVICE INSTALLATION |
| ALL | ELECTRIC CABLE |

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

- THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.
- ANY MAINTENANCE OF THE EXISTING SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

MODEL: D:\default\Terra\Projects\16-187-005 COP Western Prinhin\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-Traffic-SIGNAL-03-STARR-REMOVAL.dgn



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| FILENAME = D416187005-SHT-TRAFFIC-SIGNAL-03-STARR-REMOVAL.dgn | REVISIONS - |
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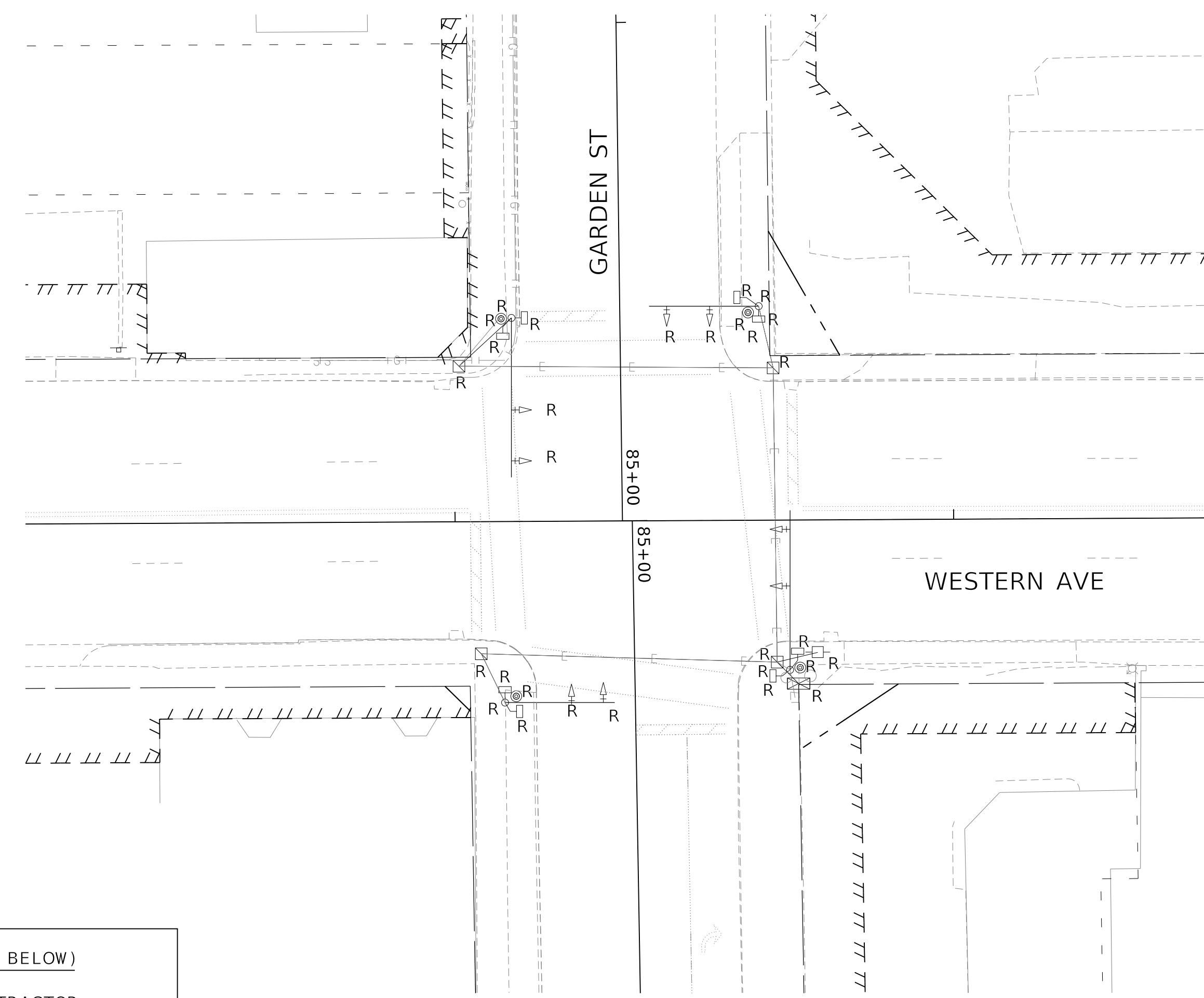
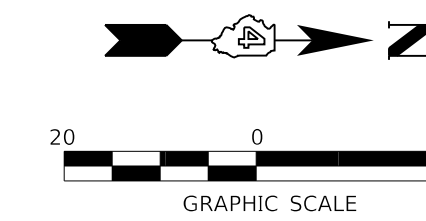
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL REMOVAL
WESTERN AVENUE AND STARR STREET**

SCALE: 1"=20' SHEET 10 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|------------------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 280 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS | | FED. AID PROJECT | | |

| SCHEDULE OF QUANTITIES | | |
|--|------|----------|
| ITEM DESCRIPTION | UNIT | QUANTITY |
| REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 4 |
| REMOVE EXISTING CONCRETE FOUNDATION | EACH | 5 |



EXISTING TRAFFIC SIGNAL LEGEND

- ☐ EX HANDHOLE
- EX CONDUIT
- ☒ EX CONTROLLER CABINET
- ☐ EX ELECTRICAL SERVICE
- ➔ EX TRAFFIC SIGNAL HEAD
- ➔ EX TRAFFIC SIGNAL HEAD W/BACKPLATE
- ☐ EX PEDESTRIAN SIGNAL HEAD
- EX STL COMB MAST ARM ASSEMBLY AND POLE
- R EX SIGNAL COMPONENT TO BE REMOVED
- ⊙ EX PEDESTRIAN PUSH BUTTON

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT - QTY.1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED AND DELIVERED BY THE CONTRACTOR TO THE CITY OF PEORIA DEPT. OF PUBLIC WORKS, 3505 DRIES LN., PEORIA. CONTACT IRV LEBLANC FORTY-EIGHT HOURS IN ADVANCE OF DELIVERY.

| QTY. | ITEM |
|------|---|
| 1.0 | TRAFFIC SIGNAL CONTROLLER AND CABINET |
| 4.0 | HANDHOLE LIDS (DELIVERY ONLY-REMOVAL PAID SEPARATELY) |
| 8.0 | PEDESTRIAN SIGNAL HEAD |

THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF OF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE FOR REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

| QTY. | ITEM |
|------|---|
| 8.0 | SIGNAL HEAD, 1-FACE, 3-SECTION WITH BACKPLATE, MAST ARM MOUNTED |
| 4.0 | PEDESTRIAN PUSH BUTTON |
| 4.0 | STEEL MAST ARM ASSEMBLY AND POLE |
| 1.0 | SERVICE INSTALLATION |
| ALL | ELECTRIC CABLE |

EXISTING TRAFFIC SIGNAL AND REMOVAL NOTES

- THE REMOVAL ITEMS ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY ALL REMOVAL ITEMS PRIOR TO BIDDING.
- ANY MAINTENANCE OF THE EXISTING SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

MODEL: D:\default\PROJECTS\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-TRAFFIC-SIGNAL-04-GARDEN-REMOVAL.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL REMOVAL
WESTERN AVENUE AND GARDEN STREET**

SCALE: 1"=20' SHEET 11 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 281 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |

TRAFFIC SIGNAL LEGEND

- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING CONTROLLER AND CABINET
- SIGNAL HEAD WITH BACKPLATE TO BE RELOCATED
- PROPOSED LOCATION OF RELOCATED SIGNAL HEAD
- EXISTING POWER SERVICE INSTALLATION
- EXISTING PEDESTRIAN SIGNAL HEAD
- PROPOSED PEDESTRIAN PUSH BUTTON
- EXISTING SIGNAL POST
- EXISTING STEEL COMBINATION ARM ASSEMBLY AND POLE
- PROPOSED CONDUIT
- PROPOSED VIDEO DETECTION CAMERA (REPLACE EXISTING CAMERA)
- EXISTING PEDESTRIAN PUSH BUTTON
- PROPOSED DOME PTZ CAMERA ASSEMBLY

###' LENGTH
- PVC

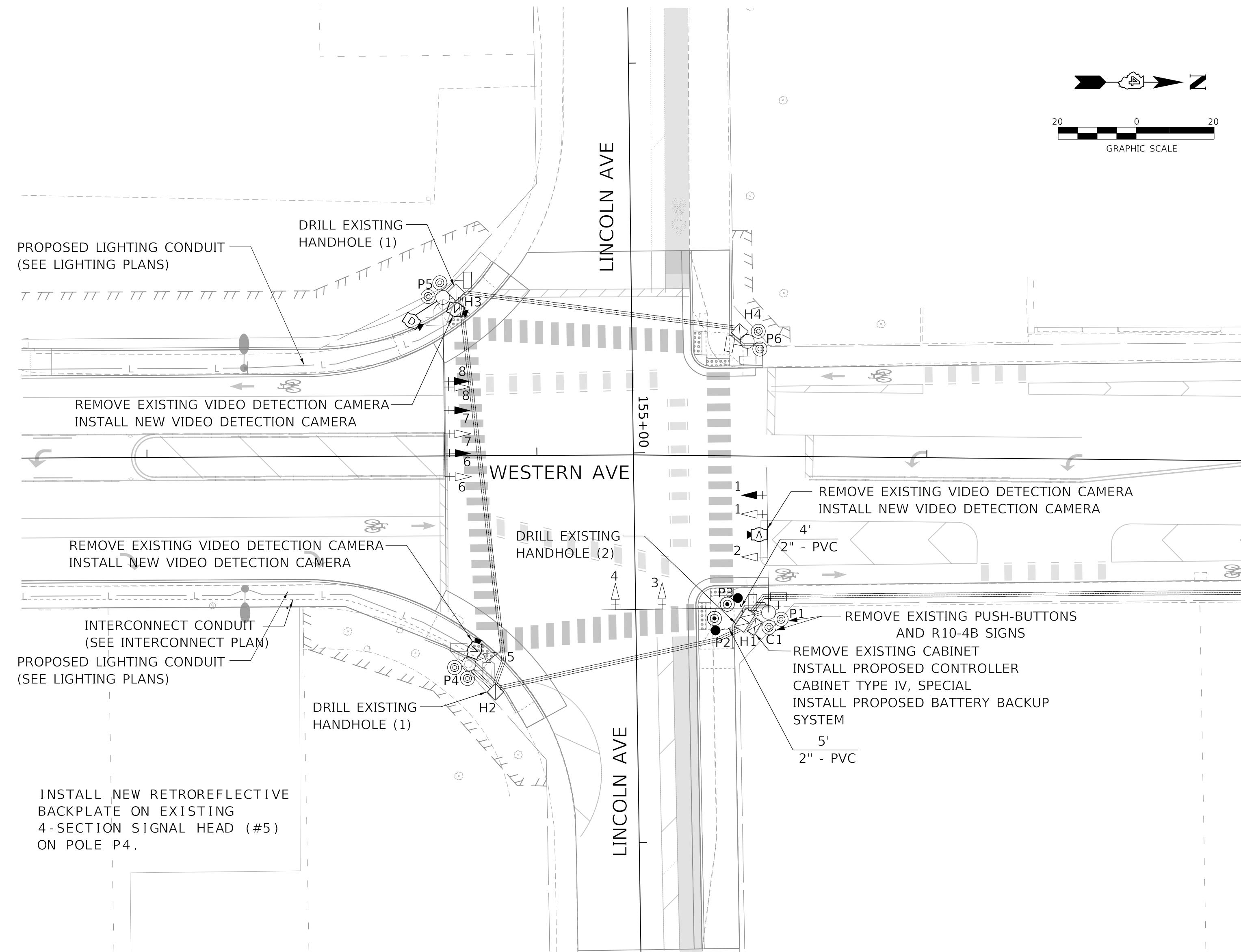
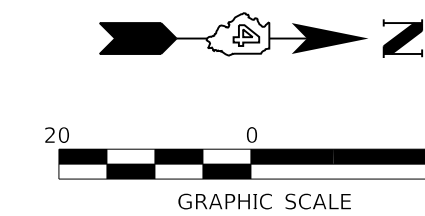
EXISTING CONDUIT

SCHEDULE OF SIGNAL HEAD QUANTITIES

| LOCATION | ITEM | UNIT | QUANTITY |
|------------|----------|------|----------|
| 1, 6, 7, 8 | RELOCATE | EACH | 4 |

POST AND MAST ARM DATA

| ID | STATION | OFFSET | DESCRIPTION | FDN. |
|----|---------|--------|-----------------------------|---------------|
| P2 | 353+46 | 46' RT | PEDESTRIAN PUSH BUTTON-POST | 12"x12", 2.5' |
| P3 | 353+52 | 36' RT | PEDESTRIAN PUSH BUTTON-POST | 12"x12", 2.5' |



| ITEM | UNIT | QUANTITY |
|---|------|----------|
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 9 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 50 |
| DRILL EXISTING HANDHOLE | EACH | 4 |
| TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON | EACH | 2 |
| VIDEO VEHICLE DETECTION, 3 CAMERAS | EACH | 1 |
| CAT 5 ETHERNET CABLE | FOOT | 251 |
| CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED | EACH | 1 |
| REMOVE PEDESTRIAN PUSH-BUTTON | EACH | 2 |
| CONTROLLER CABINET TYPE IV, SPECIAL | EACH | 1 |
| FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON POST | EACH | 2 |
| TRAFFIC SIGNAL BATTERY BACKUP SYSTEM | EACH | 1 |

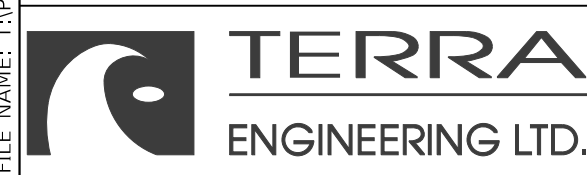
VIDEO DETECTION

REMOVE EXISTING VIDEO DETECTION SYSTEM (3-CAMERA) INCLUDING ASSOCIATED CABLING. INSTALL NEW VIDEO DETECTION SYSTEM, WITH CAMERAS LOCATED IN SAME POSITION AS EXISTING. THIS WORK (INCLUDING REMOVALS) SHALL BE PAID AS "VIDEO VEHICLE DETECTION, 3 CAMERAS".

SIGNAL HEADS

| LOCATION | PROPOSED CONDITION |
|----------|--------------------|
| 1 | RELOCATE |
| 2 | EXISTING TO REMAIN |
| 3 | EXISTING TO REMAIN |
| 4 | EXISTING TO REMAIN |
| 5 | EXISTING TO REMAIN |
| 6 | RELOCATE |
| 7 | RELOCATE |
| 8 | RELOCATE |

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-TAFFIC-SIGNAL04-LINCOLN.dgn



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|---|------------------|-----------|
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| FILENAME = D416187005-SHT-TAFFIC-SIGNAL04-LINCOLN.dgn | DRAWN - AE | REVISED - |
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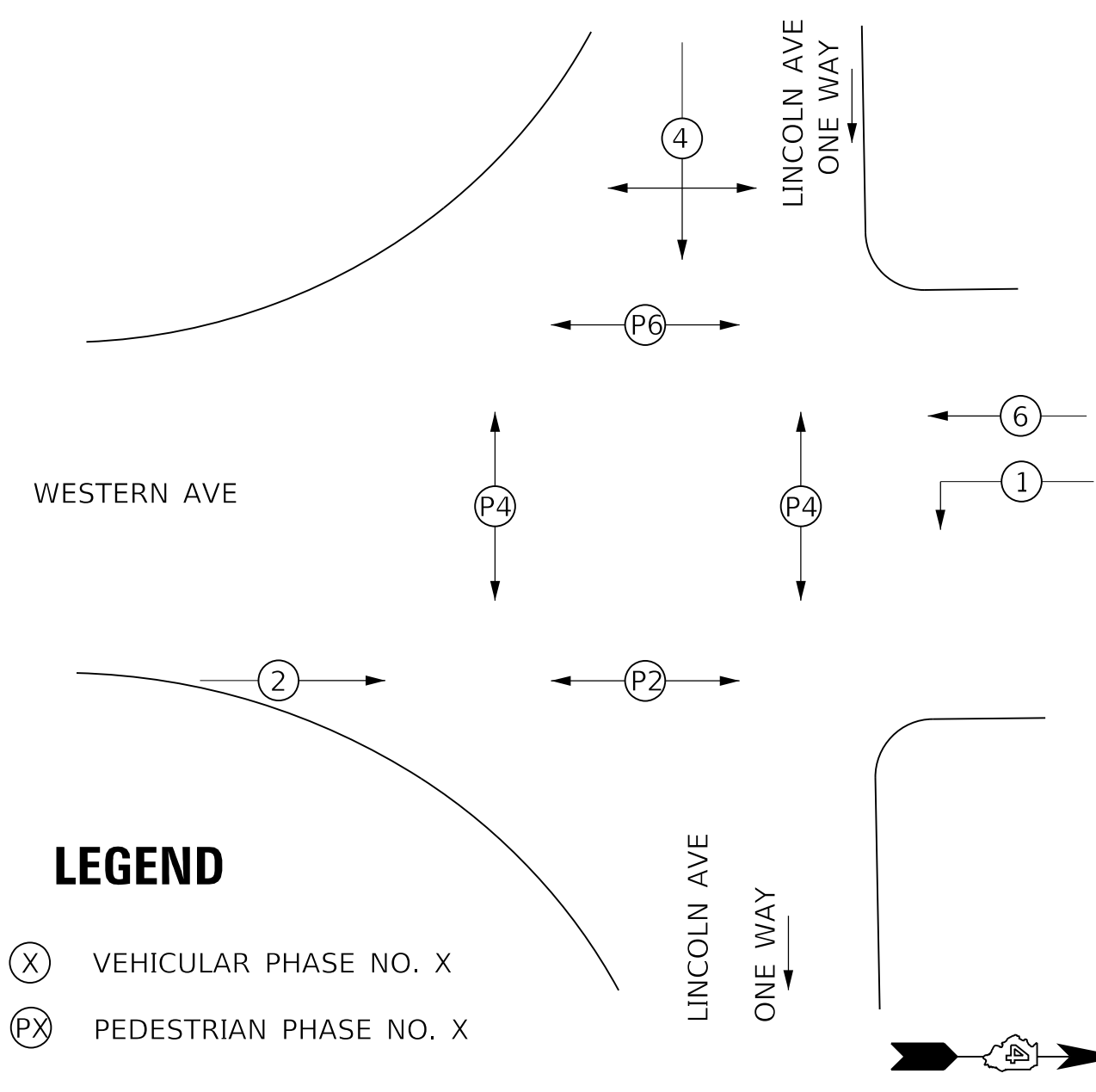
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WESTERN AVENUE AND LINCOLN AVENUE**

SCALE: 1"=20' SHEET 12 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 282 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

PHASE DESIGNATION DIAGRAM



LEGEND

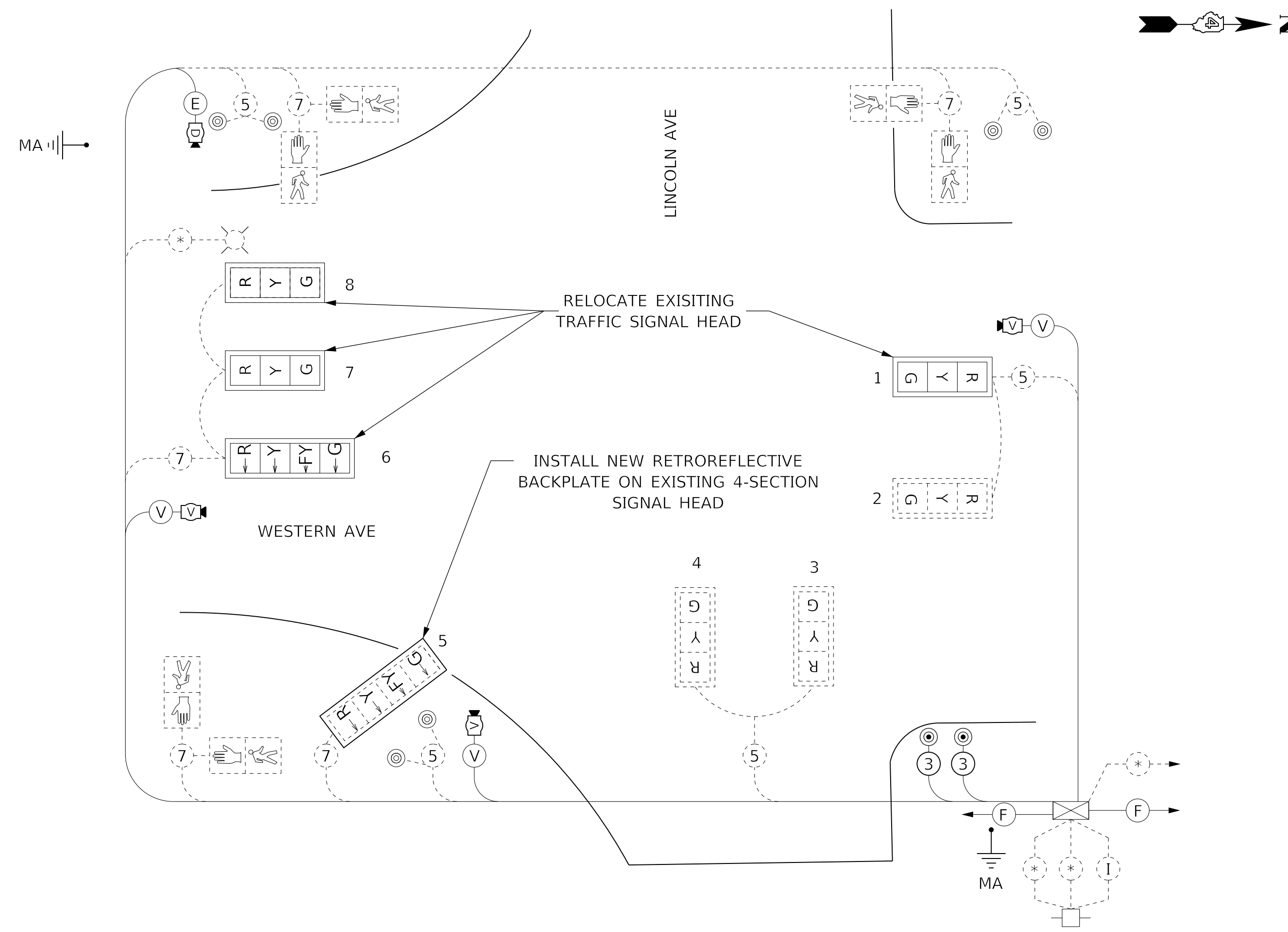
- (X) VEHICULAR PHASE NO. X
- (PX) PEDESTRIAN PHASE NO. X

PROPOSED CABLE DIAGRAM LEGEND

- EXISTING CONTROLLER AND CABINET
 - EXISTING POWER SERVICE INSTALLATION
 - EXISTING TRAFFIC SIGNAL HEAD WITH RETROREFLECTIVE BACKPLATE
 - EXISTING TRAFFIC SIGNAL HEAD
 - EXISTING TRAFFIC SIGNAL HEAD WITH RETROREFLECTIVE BACKPLATE TO BE RELOCATED
 - EXISTING CABLE, * DENOTES NUMBER OF CONDUCTORS
 - PROPOSED CABLE, * DENOTES NUMBER OF CONDUCTORS
 - EXISTING LUMINAIRE
 - EXISTING PEDESTRIAN SIGNAL HEAD
 - EXISTING PEDESTRIAN PUSH BUTTON
 - PROPOSED VIDEO DETECTION CAMERA (REPLACE EXISTING)
 - GROUND ROD AT MAST ARM POLE
 - PROPOSED PEDESTRIAN PUSH BUTTON
 - PROPOSED DOME PTZ CAMERA ASSEMBLY
- INTERCONNECTION CABLE**
- (*) EXISTING 1/C #6 x 3
 - (V) VIDEO DETECTION AND COMMUNICATION CABLES
 - (E) CAT 5 ETHERNET CABLE
 - (F) FIBER OPTIC CABLE, 96 FIBERS, SINGLE MODE

TRAFFIC SIGNAL GENERAL NOTES

1. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE RESIDENT ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION PRIOR TO INSTALLATION.
2. POST MOUNTED SIGNAL HEADS WILL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF CURB. MAST ARM POLES WILL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF CURB (ON THE MAST ARM SIDE).
3. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES. ALL TRAFFIC SIGNAL MOUNTING BRACKETS SHALL BE GALVANIZED STEEL.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
5. A 3/4" DIAMETER CONTINUOUS MULE TAPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THE ROPE SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM.
6. THE RED SECTIONS OF SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER. THE SIGNAL HEADS SHALL MAINTAIN A 16' MINIMUM VERTICAL CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
7. HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
8. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2' MINIMUM DEPTH OR IN AN INDIRECT ROUTE TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THE WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
10. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RIGS, HANDHOLE FRAMES, CONTROLLER CABINETS, SERVICE RISERS, EXPOSED METALLIC CONDUITS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
11. ALL CABLES SHALL RUN TO THE CONTROLLER. NO SPLICING WILL BE ALLOWED, EXCEPT AS SHOWN.
12. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO THE COMMENCEMENT OF WORK TO OBTAIN UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION. THE CONTRACTOR SHALL ARRANGE FOR A PERMIT AND INSPECTION OF THE SERVICE BY THE CITY OF PEORIA ELECTRICAL INSPECTOR. ELECTRICAL SERVICE LOCATION AND ASSOCIATED QUANTITIES MAY CHANGE.



CABLE DIAGRAM

MODEL: Default
FILE NAME: C:\projects\16-187-005_COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-TAFFIC-SIGNAL\04-LINCOLN-CABLE.dgn



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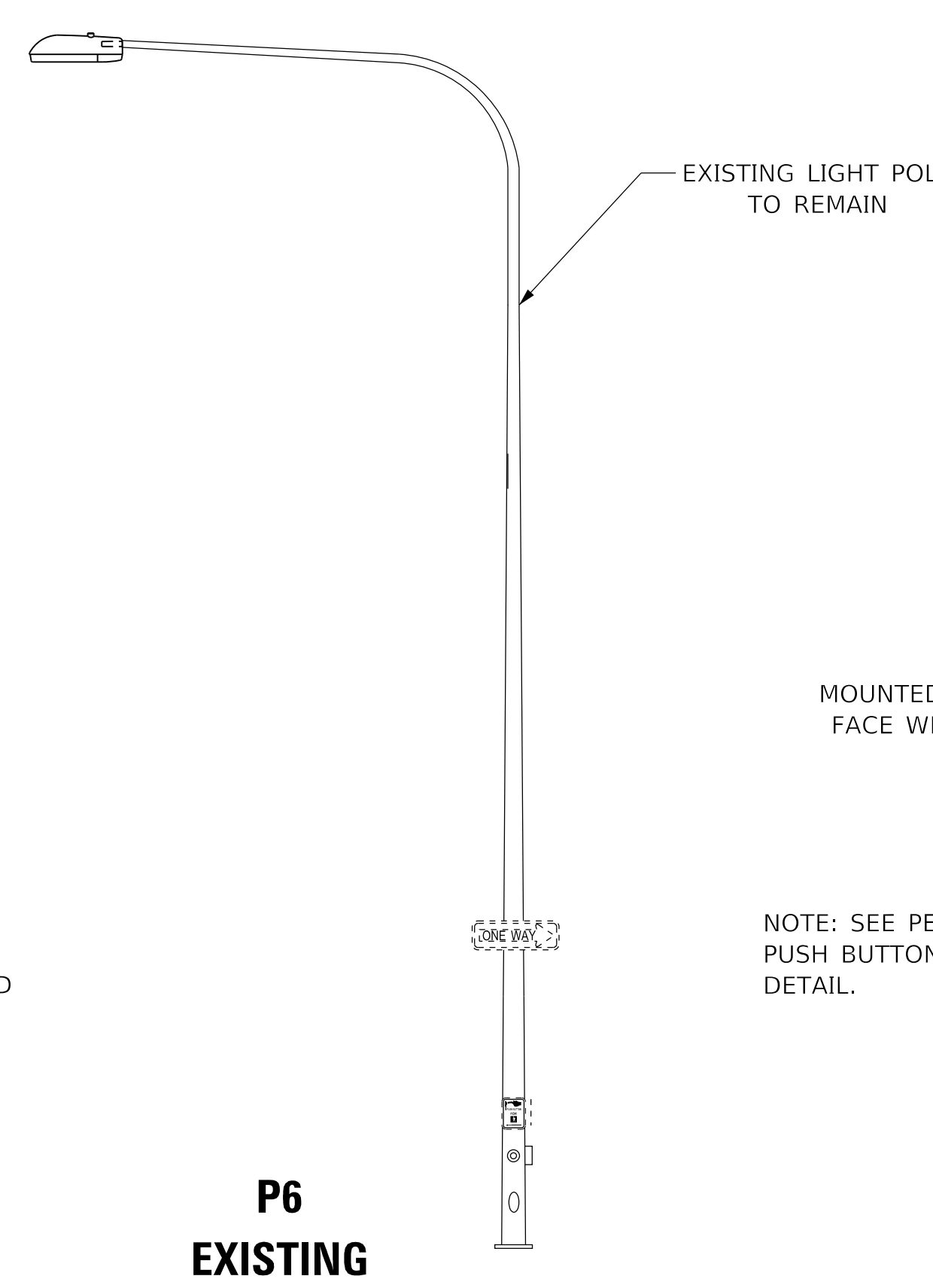
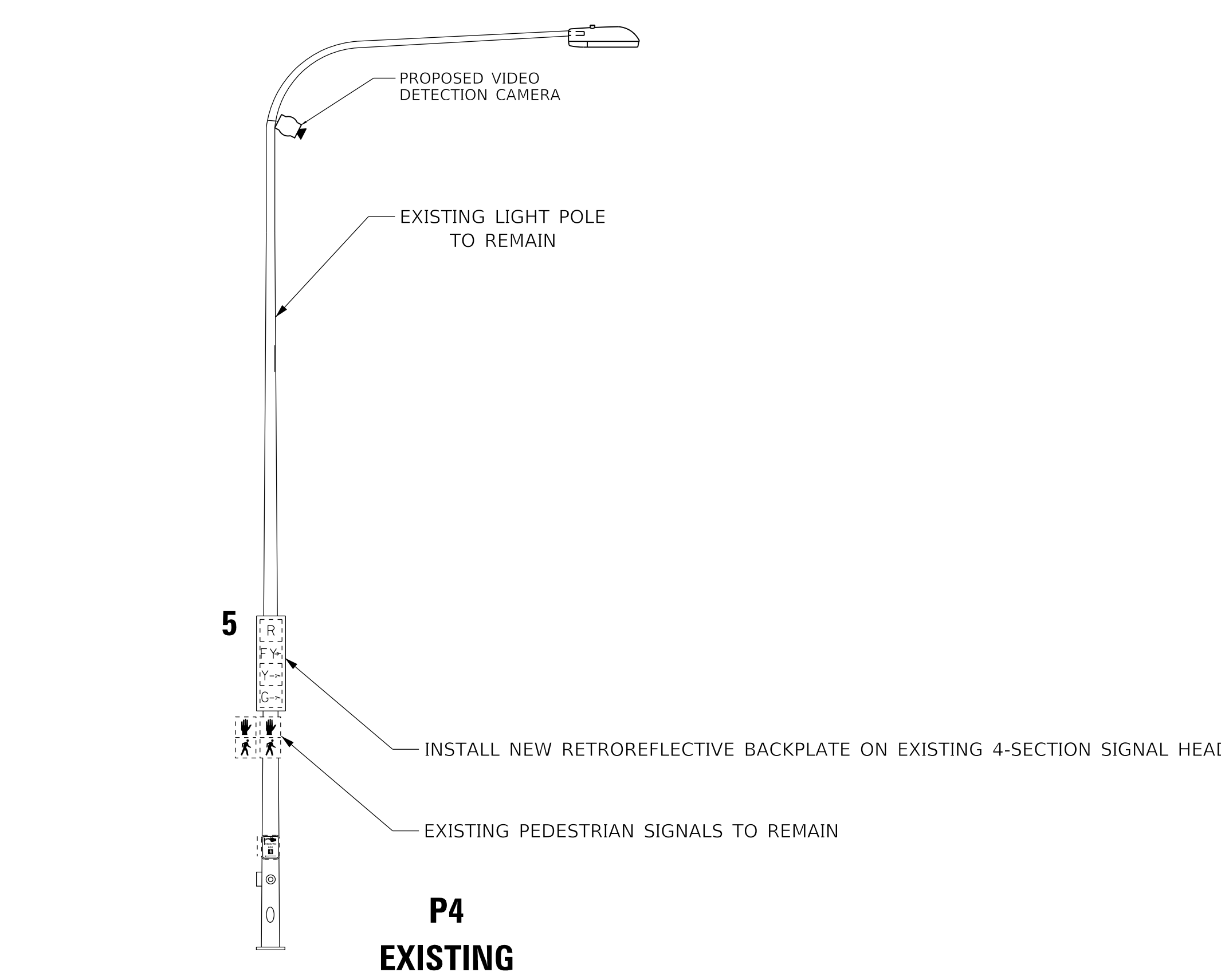
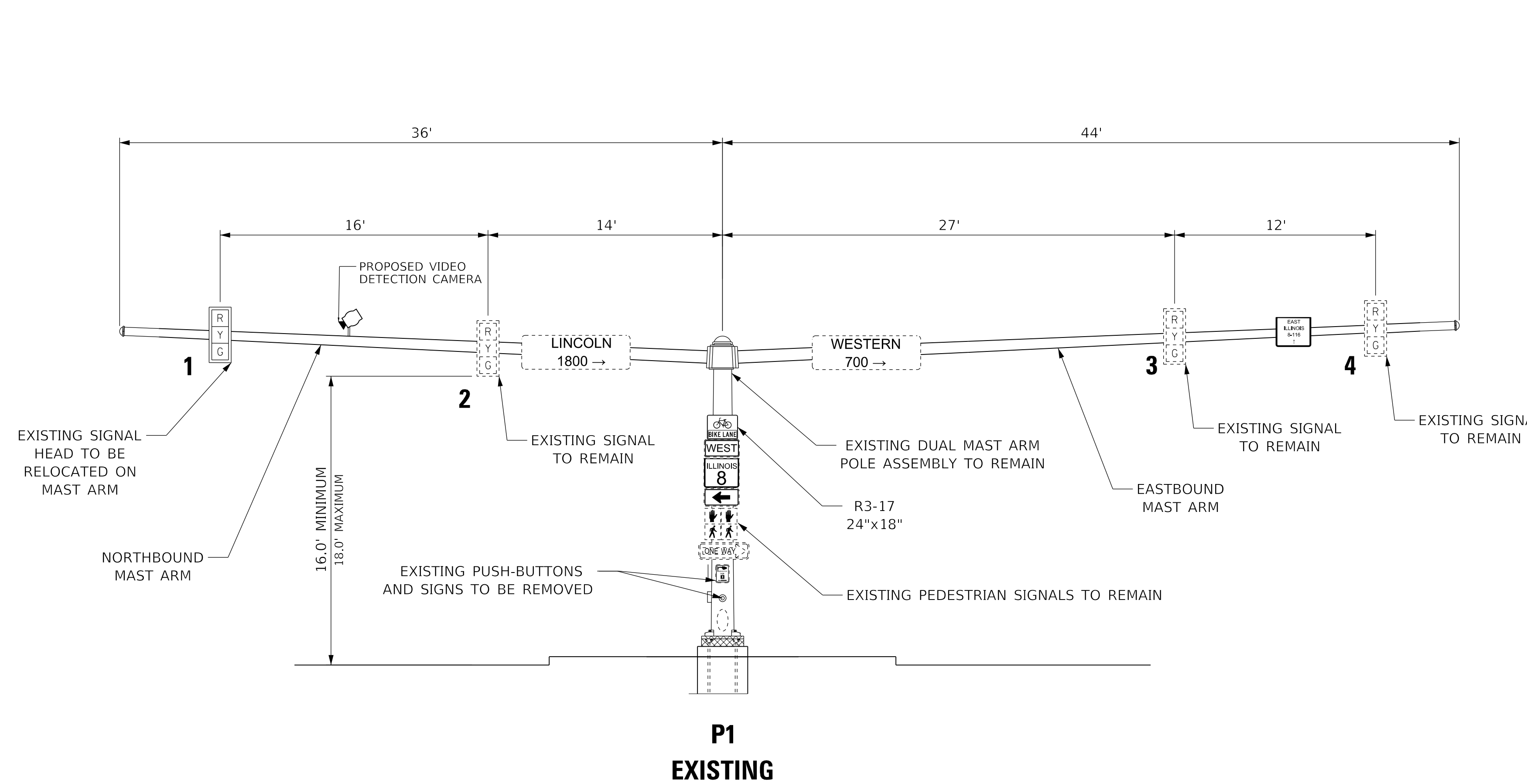
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL CABLE PLAN
WESTERN AVENUE AND LINCOLN AVENUE**

SCALE: NTS SHEET 13 OF 19 SHEETS STA. TO STA.

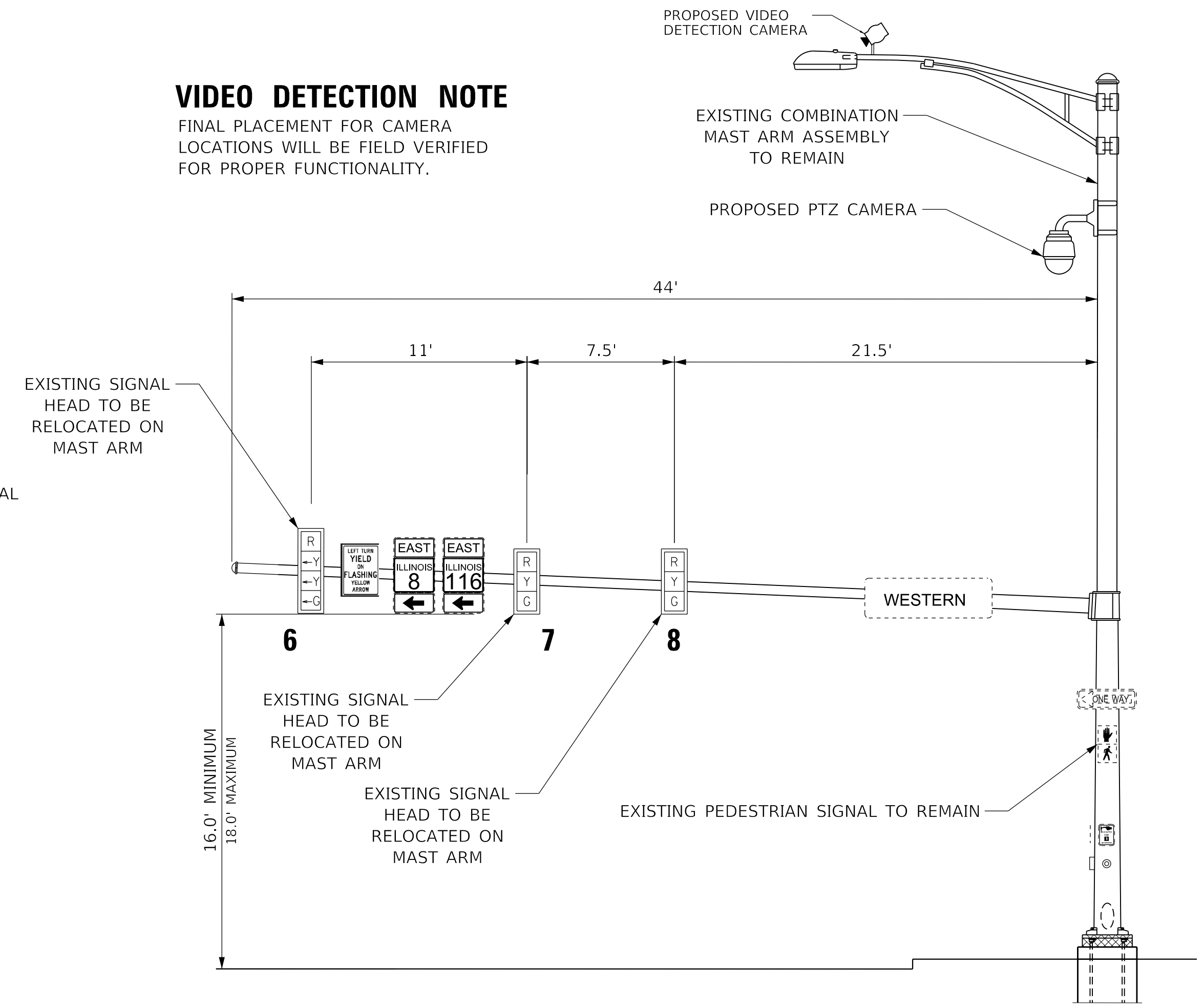
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| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

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 TIME: ...



VIDEO DETECTION NOTE

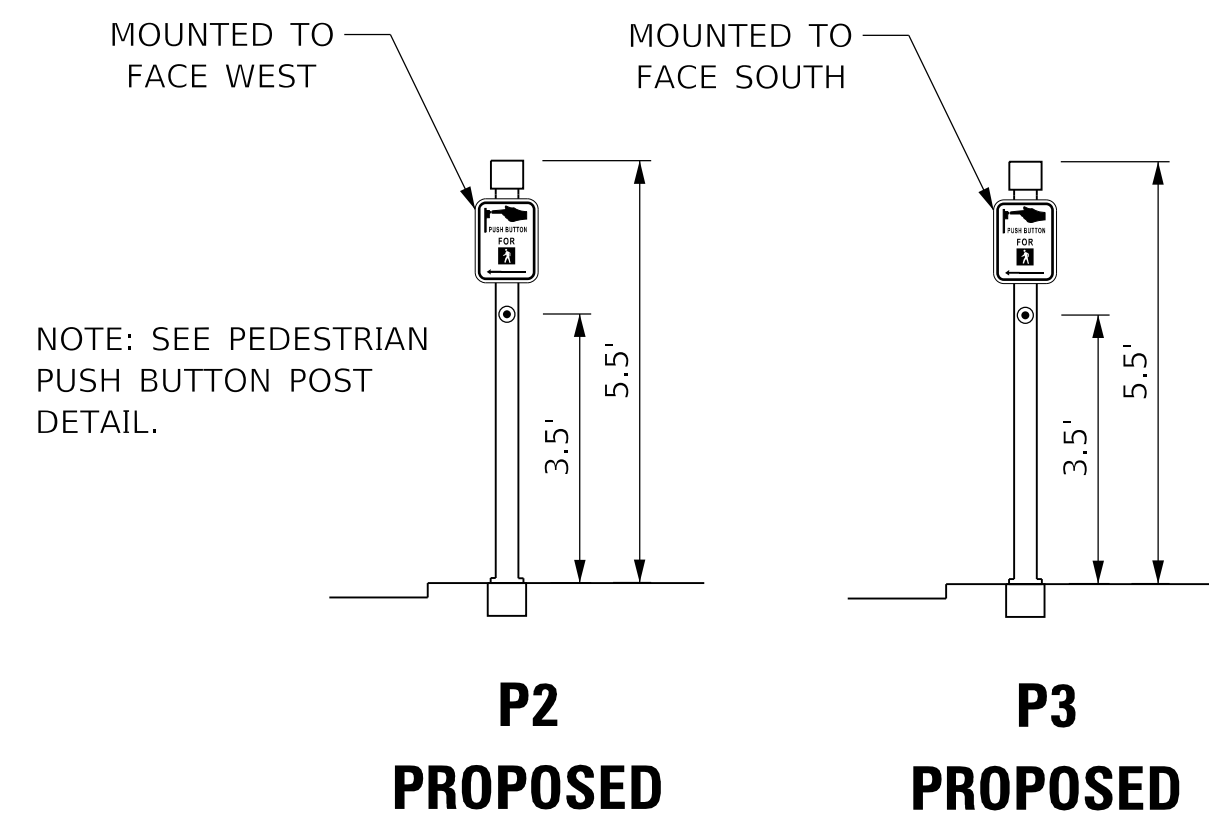
FINAL PLACEMENT FOR CAMERA LOCATIONS WILL BE FIELD VERIFIED FOR PROPER FUNCTIONALITY.



SIGNAGE NOTES

PROPOSED SIGNS SHOWN ARE TO BE FABRICATED AND INSTALLED BY THE CITY OF PEORIA, EXCEPT AS NOTED BELOW.

PEDESTRIAN PUSH BUTTON SIGNS (R3-10) ARE INCLUDED IN THE COST OF THE PUSH BUTTON AND SHALL BE INSTALLED BY THE CONTRACTOR.



PEDESTRIAN CROSSING SIGN DETAIL (P2)



1 REQUIRED
 PEDESTRIAN PUSH-BUTTON SIGN
 MUTCD R10-3 (RIGHT)
 9" X 12" = 0.75 SQ FT
 DIAMOND GRADE SHEETING

PEDESTRIAN CROSSING SIGN DETAIL (P3)



1 REQUIRED
 PEDESTRIAN PUSH-BUTTON SIGN
 MUTCD R10-3 (LEFT)
 9" X 12" = 0.75 SQ FT
 DIAMOND GRADE SHEETING



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

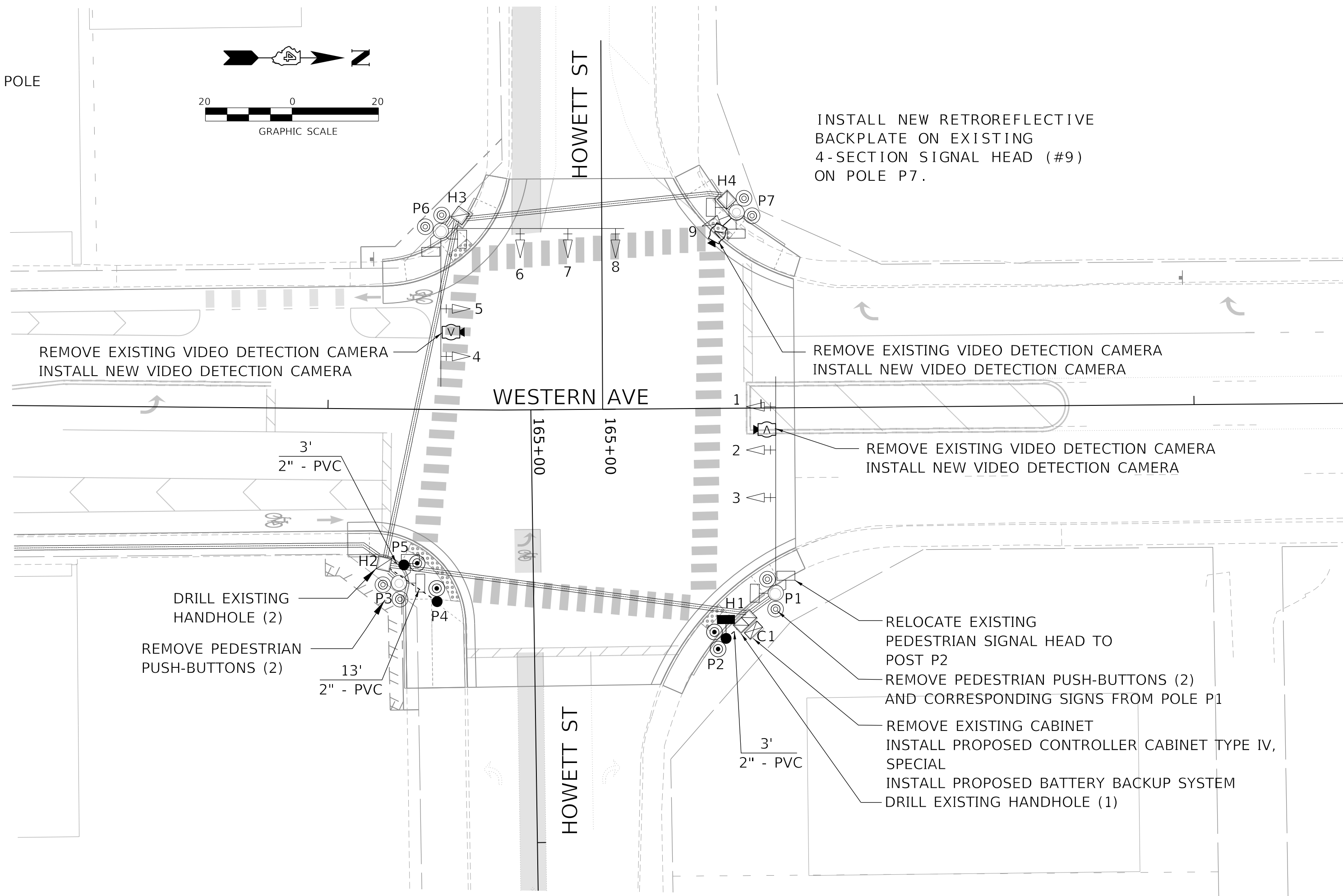
**TRAFFIC SIGNAL MAST ARM LOADING DIAGRAM
 WESTERN AVENUE AND LINCOLN AVENUE**

SCALE: NTS SHEET 14 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 284 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

TRAFFIC SIGNAL LEGEND

- EXISTING HANDHOLE
 - EXISTING DOUBLE HANDHOLE
 - EXISTING CONTROLLER AND CABINET
 - EXISTING SIGNAL HEAD WITH BACKPLATE
 - EXISTING POWER SERVICE INSTALLATION
 - EXISTING PEDESTRIAN SIGNAL HEAD
 - PROPOSED PEDESTRIAN SIGNAL HEAD
 - PROPOSED PEDESTRIAN PUSH BUTTON
 - EXISTING SIGNAL POST
 - PROPOSED SIGNAL POST
 - EXISTING STEEL COMBINATION ARM ASSEMBLY AND POLE
 - PROPOSED CONDUIT
 - PROPOSED VIDEO DETECTION CAMERA
 - EXISTING PEDESTRIAN PUSH BUTTON
 - PROPOSED DOME PTZ CAMERA ASSEMBLY
- ###' LENGTH
#'' - PVC SIZE - TYPE



| POST AND MAST ARM DATA | | | | |
|------------------------|---------|--------|---|---------------------|
| ID | STATION | OFFSET | DESCRIPTION | FDN. |
| P2 | 356+92 | 53' RT | TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT. | TYPE A, 24" DIA, 3' |
| P4 | 356+26 | 44' RT | PEDESTRIAN PUSH BUTTON POST, TYPE 1 | 12"x12", 2.5' |
| P5 | 356+18 | 36' RT | PEDESTRIAN PUSH BUTTON POST, TYPE 1 | 12"x12", 2.5' |

VIDEO DETECTION

REMOVE EXISTING VIDEO DETECTION SYSTEM (3-CAMERA) INCLUDING ASSOCIATED CABLING. INSTALL NEW VIDEO DETECTION SYSTEM, WITH CAMERAS LOCATED IN SAME POSITION AS EXISTING. THIS WORK (INCLUDING REMOVALS) SHALL BE PAID AS "VIDEO VEHICLE DETECTION, 3 CAMERAS".

| SIGNAL HEADS | |
|--------------|--------------------|
| LOCATION | PROPOSED CONDITION |
| 1 | EXISTING TO REMAIN |
| 2 | EXISTING TO REMAIN |
| 3 | EXISTING TO REMAIN |
| 4 | EXISTING TO REMAIN |
| 5 | EXISTING TO REMAIN |
| 6 | EXISTING TO REMAIN |
| 7 | EXISTING TO REMAIN |
| 8 | EXISTING TO REMAIN |
| 9 | EXISTING TO REMAIN |

| ITEM | UNIT | QUANTITY |
|---|------|----------|
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 19 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT. | EACH | 1 |
| DRILL EXISTING HANDHOLE | EACH | 3 |
| TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON | EACH | 4 |
| RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD | EACH | 1 |
| VIDEO VEHICLE DETECTION, 3 CAMERAS | EACH | 1 |
| CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED | EACH | 1 |
| REMOVE PEDESTRIAN PUSH-BUTTON | EACH | 2 |
| CONTROLLER CABINET TYPE IV, SPECIAL | EACH | 1 |
| PEDESTRIAN PUSH-BUTTON POST | EACH | 2 |
| TRAFFIC SIGNAL BATTERY BACKUP SYSTEM | EACH | 1 |

MODEL: D:\default\TERRA\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-TRAFFIC-SIGNAL-05-HOWETT-PLAN.dgn



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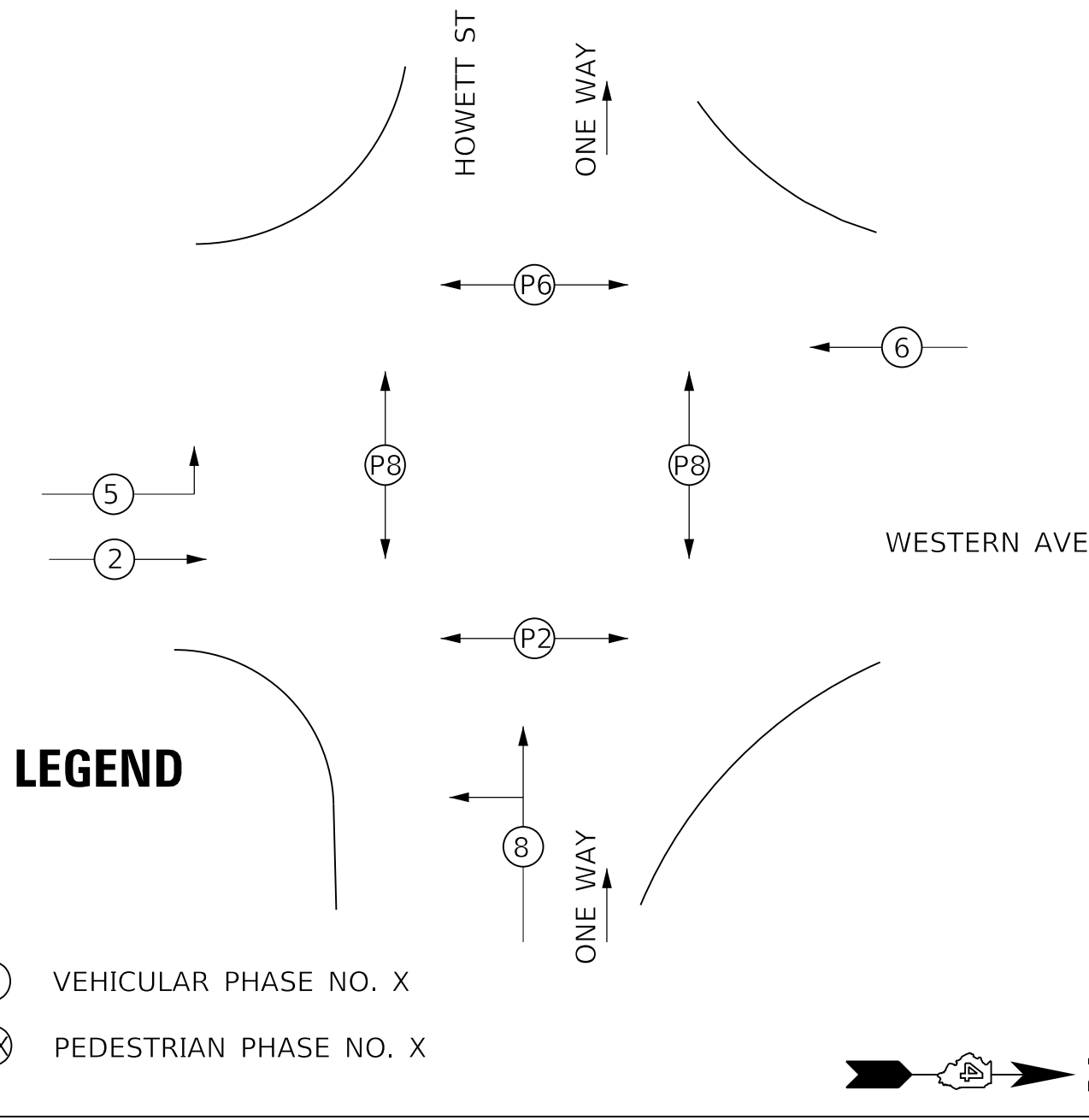
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL PLAN
WESTREN AVENUE AND HOWETT ST**

SCALE: 1"=20' SHEET 15 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|---------------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 285 |
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| | | ILLINOIS FED. AID PROJECT | | |

PHASE DESIGNATION DIAGRAM

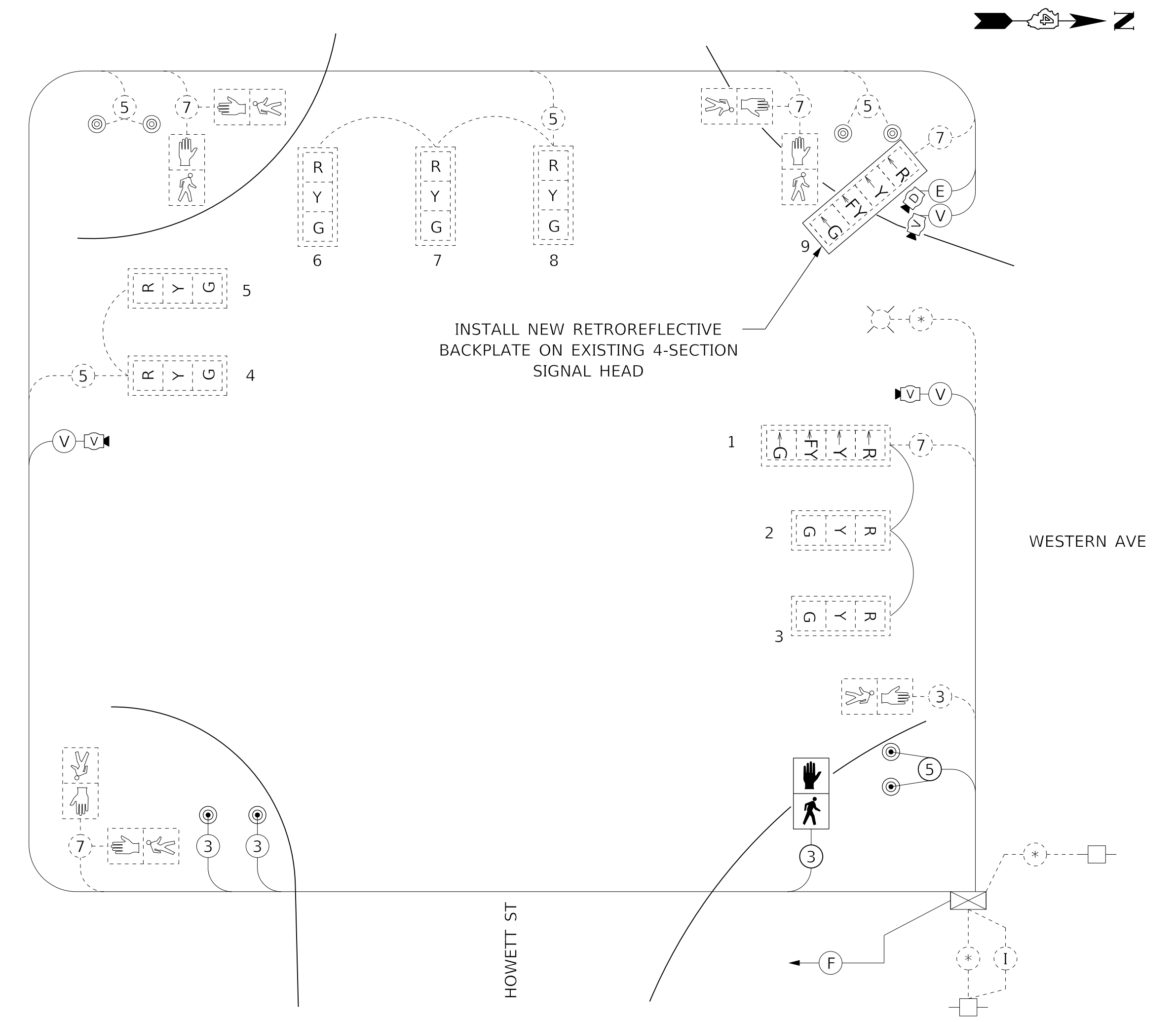


PROPOSED CABLE DIAGRAM LEGEND

- EXISTING CONTROLLER AND CABINET
 - EXISTING POWER SERVICE INSTALLATION
 - EXISTING TRAFFIC SIGNAL HEAD WITH RETROREFLECTIVE BACKPLATE
 - EXISTING TRAFFIC SIGNAL HEAD
 - EXISTING DENOTES NUMBER OF CONDUCTORS
 - EXISTING LUMINAIRE
 - EXISTING PEDESTRIAN SIGNAL HEAD
 - RELOCATED PEDESTRIAN SIGNAL HEAD
 - EXISTING PEDESTRIAN PUSH BUTTON
 - PROPOSED VIDEO DETECTION CAMERA
 - EXISTING GROUND ROD AT MAST ARM POLE
 - PROPOSED PEDESTRIAN PUSH BUTTON
 - PROPOSED DOME PTZ CAMERA ASSEMBLY
- INTERCONNECTION CABLE**
- (I) EXISTING INTERCONNECT
 - (*) EXISTING 1/C #6 x 3
 - (V) PROPOSED VIDEO DETECTION AND COMMUNICATION CABLES
 - (F) PROPOSED FIBER OPTIC CABLE, 96 FIBERS, SINGLE MODE

TRAFFIC SIGNAL GENERAL NOTES

- THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE RESIDENT ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION PRIOR TO INSTALLATION.
- POST MOUNTED SIGNAL HEADS WILL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF CURB. MAST ARM POLES WILL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF CURB (ON THE MAST ARM SIDE).
- ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES. ALL TRAFFIC SIGNAL MOUNTING BRACKETS SHALL BE GALVANIZED STEEL.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- A 3/4" DIAMETER CONTINUOUS MULE TAPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THE ROPE SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM.
- THE RED SECTIONS OF SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER. THE SIGNAL HEADS SHALL MAINTAIN A 16' MINIMUM VERTICAL CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
- HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2' MINIMUM DEPTH OR IN AN INDIRECT ROUTE TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THE WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
- ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RIGS, HANDHOLE FRAMES, CONTROLLER CABINETS, SERVICE RISERS, EXPOSED METALLIC CONDUITS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
- ALL CABLES SHALL RUN TO THE CONTROLLER. NO SPLICING WILL BE ALLOWED, EXCEPT AS SHOWN.
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO THE COMMENCEMENT OF WORK TO OBTAIN UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION. THE CONTRACTOR SHALL ARRANGE FOR A PERMIT AND INSPECTION OF THE SERVICE BY THE CITY OF PEORIA ELECTRICAL INSPECTOR. ELECTRICAL SERVICE LOCATION AND ASSOCIATED QUANTITIES MAY CHANGE.



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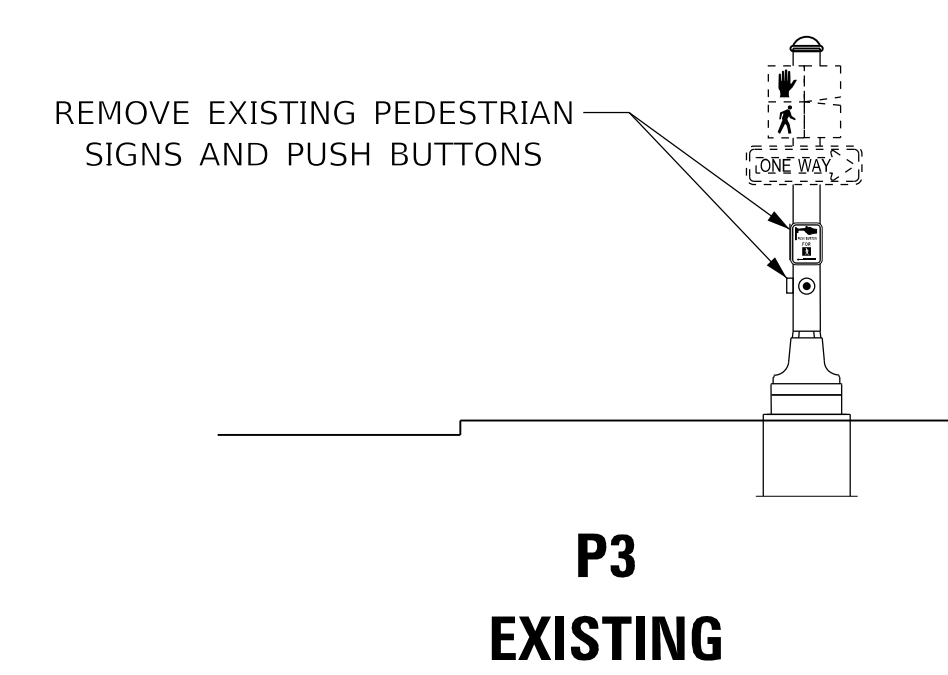
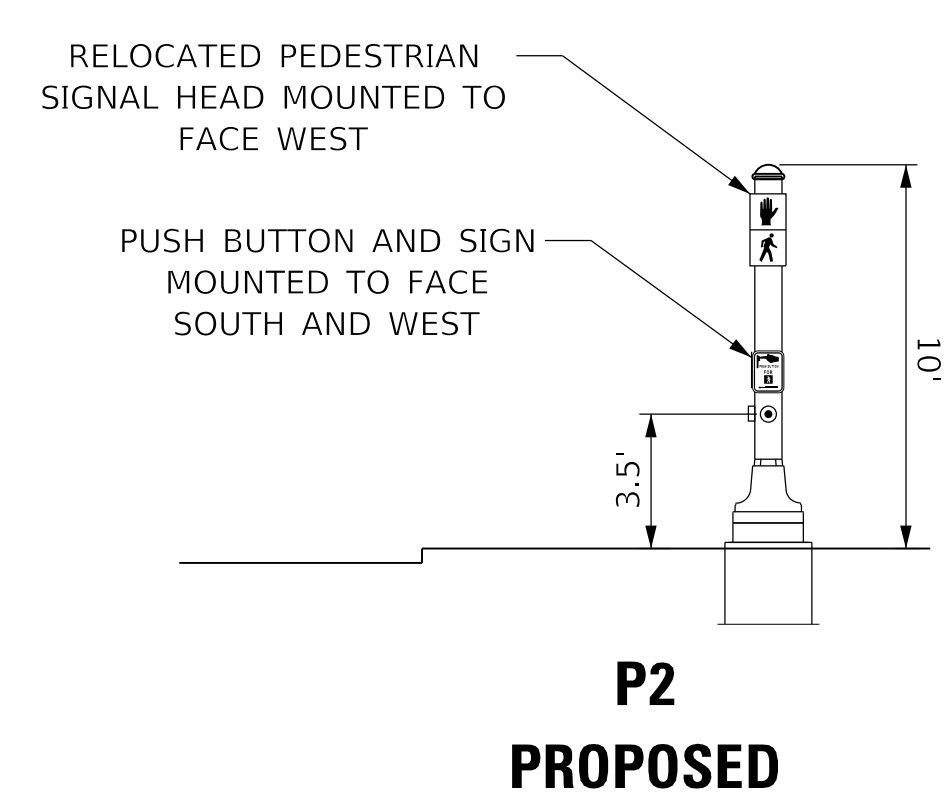
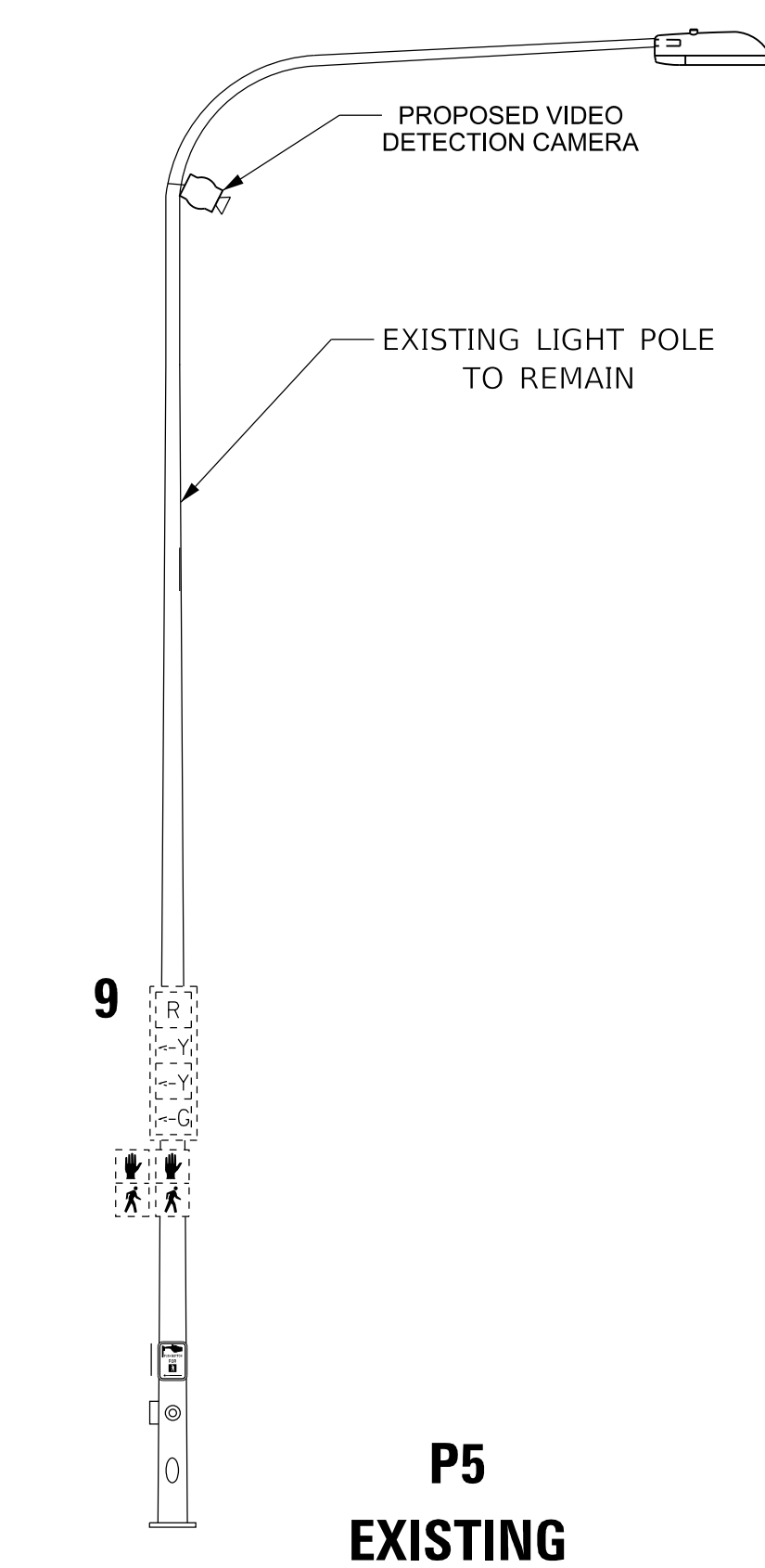
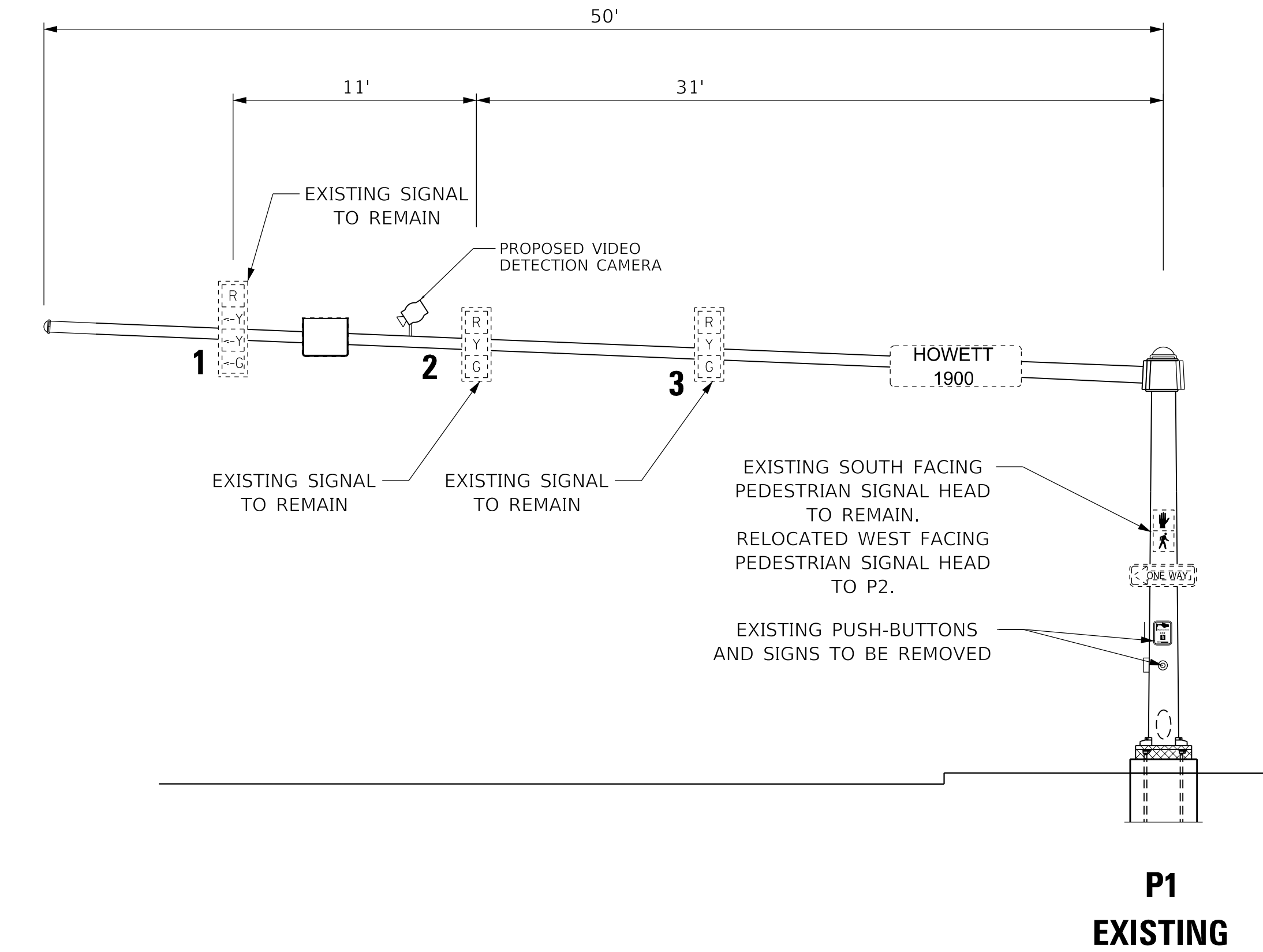
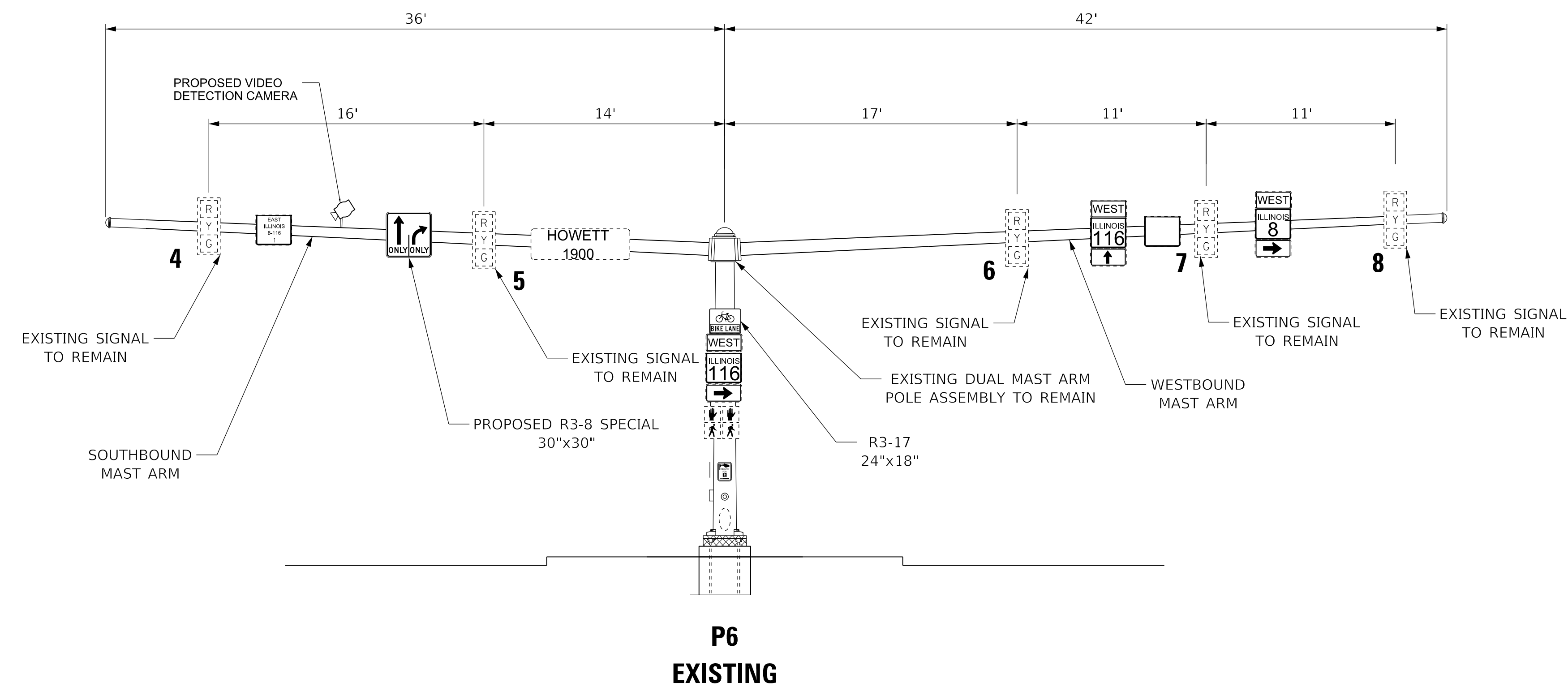
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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| TRAFFIC SIGNAL CABLE PLAN WESTREN AVENUE AND HOWETT ST | | | |
| SCALE: NTS | SHEET 16 | OF 19 SHEETS | STA. TO STA. |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 286 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



VIDEO DETECTION NOTE
FINAL PLACEMENT FOR CAMERA LOCATIONS WILL BE FIELD VERIFIED FOR PROPER FUNCTIONALITY.

SIGNAGE NOTES
PROPOSED SIGNS SHOWN ARE TO BE FABRICATED AND INSTALLED BY THE CITY OF PEORIA, EXCEPT AS NOTED BELOW.

PEDESTRIAN PUSH BUTTON SIGNS (R3-10) ARE INCLUDED IN THE COST OF THE PUSH BUTTON AND SHALL BE INSTALLED BY THE CONTRACTOR.

PEDESTRIAN CROSSING SIGN DETAIL (P4, P5)

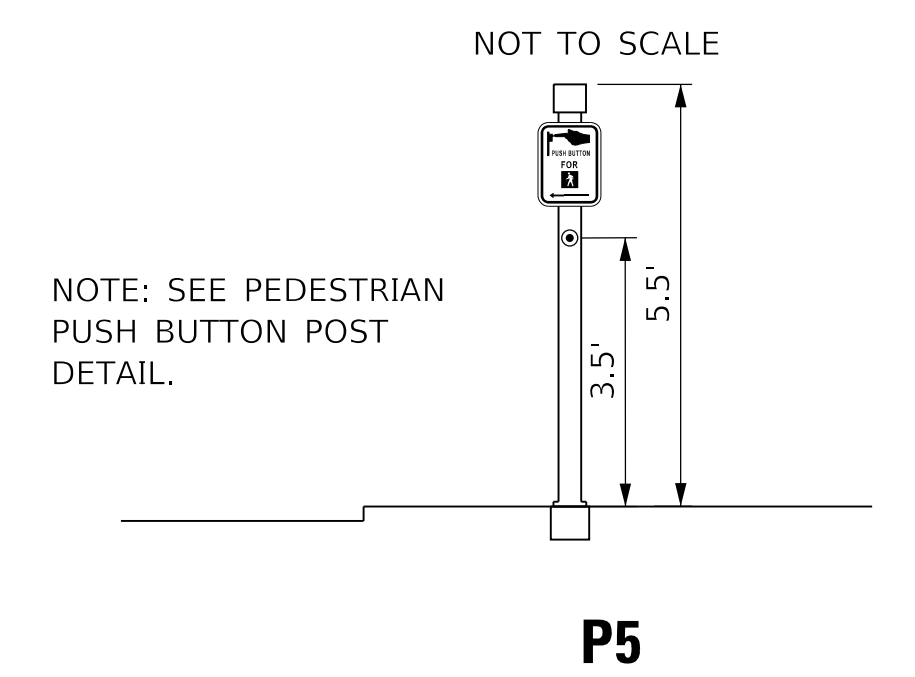
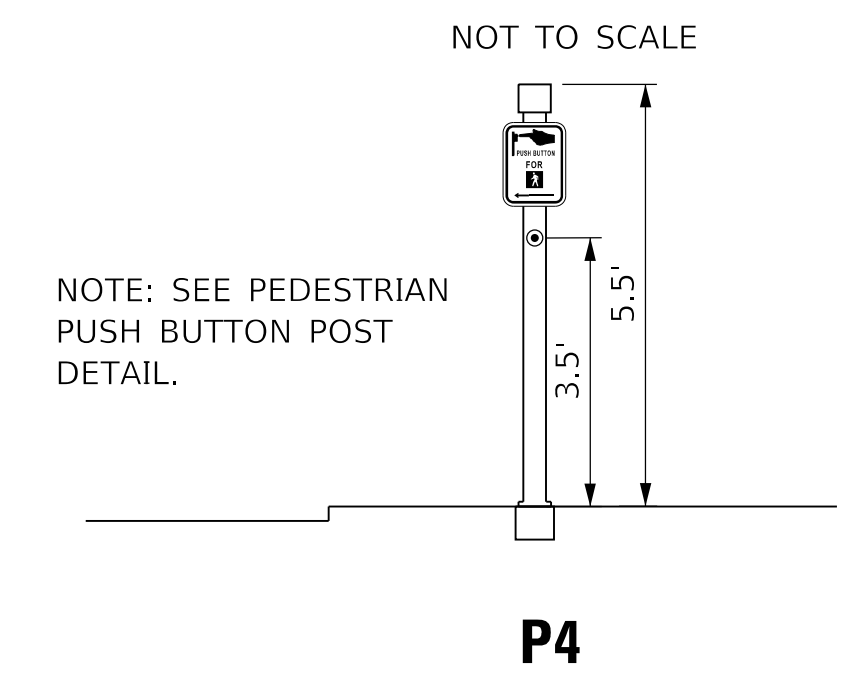


2 REQUIRED
PEDESTRIAN PUSH-BUTTON SIGN
MUTCD R10-3 (RIGHT)
9" X 12" = 0.75 SQ FT
DIAMOND GRADE SHEETING

PEDESTRIAN CROSSING SIGN DETAIL (P4, P5)



2 REQUIRED
PEDESTRIAN PUSH-BUTTON SIGN
MUTCD R10-3 (LEFT)
9" X 12" = 0.75 SQ FT
DIAMOND GRADE SHEETING



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MAST ARM LOADING DIAGRAM
WESTREN AVENUE AND HOWETT ST**
SCALE: NTS SHEET 17 OF 19 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 287 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

TRAFFIC SIGNAL POLE IS NEW FOR THIS PROJECT. COORDINATE WITH TRAFFIC SIGNAL PLANS.

AXIS T91A67 POLE MOUNT CAMERA BRACKET

AXIS Q6055-E-PTZ DOME NETWORK CAMERA INSTALLED AS HIGH AS POSSIBLE ON THE MAST ARM AND ROTATED FOR BEST CAMERA VIEW

RUBBER GROMMET TO PROTECT CABLE

45.0' TYP.

SHIELDED OUTDOOR RATED CAT 5E ETHERNET CABLE WITH IP 66 RATED RJ-45 CONNECTORS

PROPOSED STEEL COMBINATION MAST ARM ASSEMBLY

TYPICAL MAST ARM MOUNTING DETAIL

PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET

NEW DROP AND REPEAT SWITCH (SEPARATE PAY ITEM)

CAT. 5E ETHERNET PATCH CORD

FIBER PATCH CORD TO SWITCH

120V POWER

AXIS T8124-E HIGH POE MIDSPAN CAMERA POWER SUPPLY

120V POWER

6 OUTLET POWER STRIP INSTALLED BY CONTRACTOR AND WIRED INTO CABINET SURGE PROTECTED POWER TERMINALS

24 FIBER PANEL

2" SCHED. 40 PVC C. TO PROPOSED HANDHOLE WITH 12 STRAND 62.5/125 MULTIMODE ANS 24 STRAND SINGLE MODE FIBERS

SHIELDED OUTDOOR RATED CAT 5E ETHERNET CABLE WITH IP 66 RATED RJ-45 CONNECTORS IN 1" SCHED 40 PVC C.

NOTES:

1. THE DEPARTMENT WILL PROGRAM THE CCTV CAMERAS PRIOR TO INSTALLATION.
2. THE CONTRACTOR SHALL INSPECT AND TEST THE CAT 5E ETHERNET CABLE PRIOR TO INSTALLATION.
3. THE DEPARTMENT WILL CONNECT THE PROPOSED CCTV CAMERAS TO THE ITS NETWORK AND INTEGRATE THEM INTO THE EXISTING ITS VIDEOS SUBSYSTEM.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL A POWER STRIP WITH INTEGRAL SURGE SUPPRESSION IN EACH TRAFFIC SIGNAL CONTROLLER CABINET FOR CAMERA POWER. THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE CCTV DOME CAMERA.
5. TERMINATE 12 SINGLE MODE FIBERS AND 12 MULTIMODE FIBERS IN PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET WITH ST CONNECTORS. SPLICE REMAINING 12 SINGLE MODE FIBERS CONTINUOUS.

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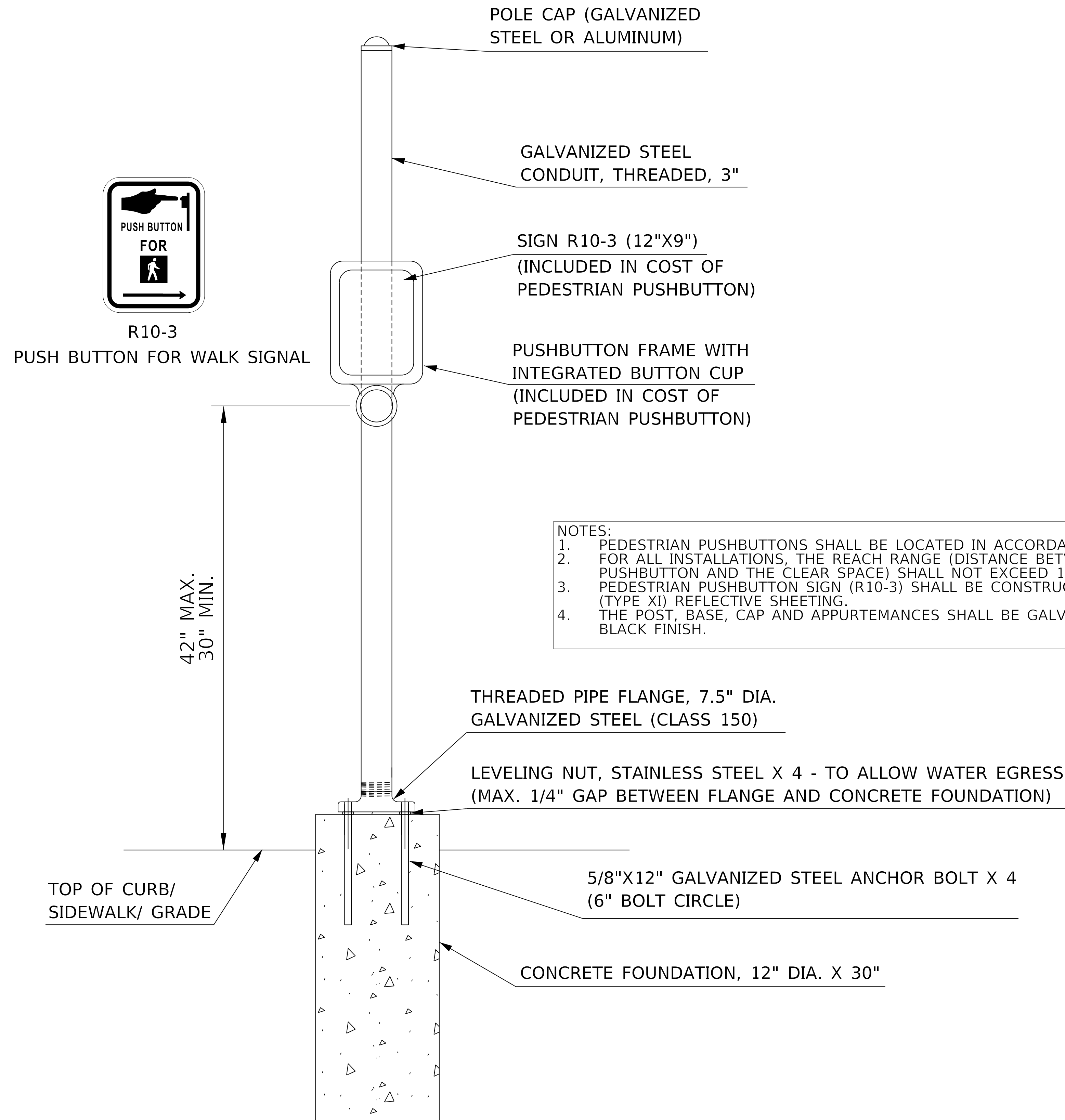
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| TRAFFIC SIGNAL DETAILS | | | |
|--------------------------------------|----------|--------------|--------------|
| CCTV DOME CAMERA INSTALLATION DETAIL | | | |
| SCALE: NTS | SHEET 18 | OF 19 SHEETS | STA. TO STA. |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
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| ILLINOIS FED. AID PROJECT | | | | |

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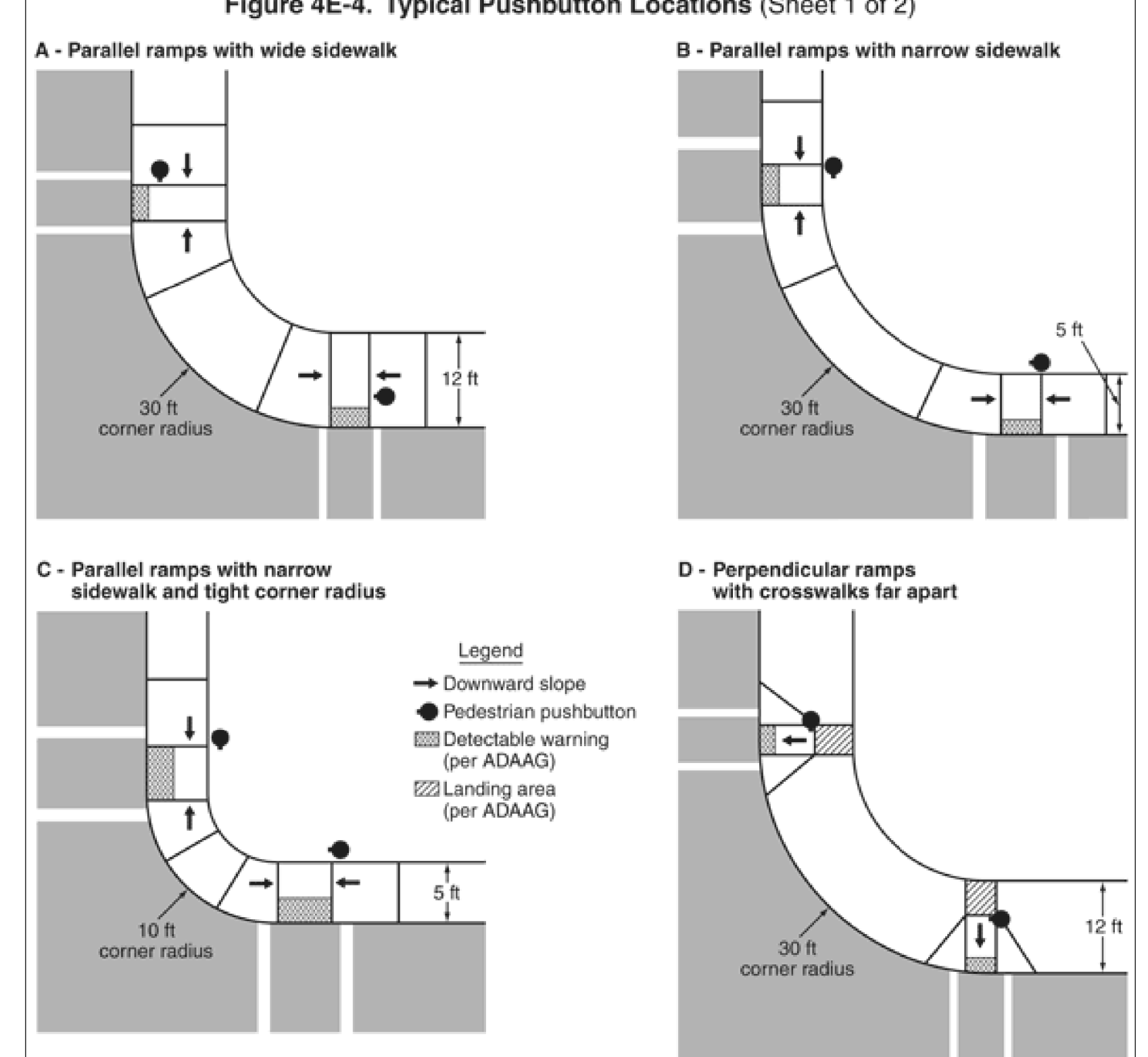
PEDESTRIAN PUSHBUTTON POST

- NOTES:**
1. PEDESTRIAN PUSHBUTTONS SHALL BE LOCATED IN ACCORDANCE WITH THE 2009 MUTCD.
 2. FOR ALL INSTALLATIONS, THE REACH RANGE (DISTANCE BETWEEN THE FACE OF PEDESTRIAN PUSHBUTTON AND THE CLEAR SPACE) SHALL NOT EXCEED 10 INCHES.
 3. PEDESTRIAN PUSHBUTTON SIGN (R10-3) SHALL BE CONSTRUCTED USING DIAMOND GRADE (TYPE XI) REFLECTIVE SHEETING.
 4. THE POST, BASE, CAP AND APPURTENANCES SHALL BE GALVANIZED WITH A POWDER COATED BLACK FINISH.



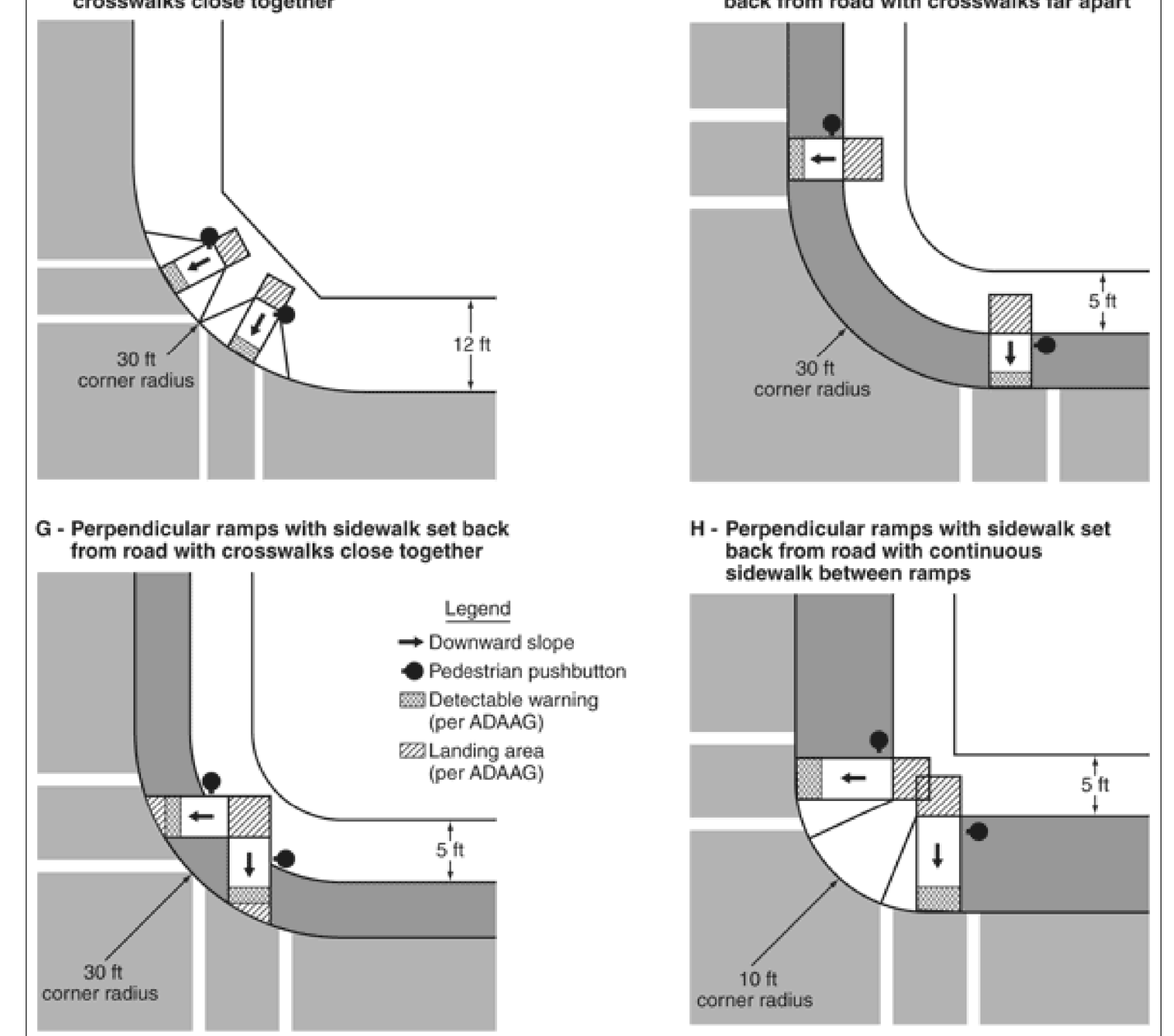
R10-3
PUSH BUTTON FOR WALK SIGNAL

2009 MUTCD TYPICAL PUSHBUTTON LOCATIONS



- Notes:**
1. This figure is not drawn to scale.
 2. These drawings are intended to describe the typical locations for pedestrian pushbutton installations. They are not intended to be a guide for the design of curb cut ramps.
 3. Figure 4E-3 shows the recommended area for pushbutton locations.

Figure 4E-4. Typical Pushbutton Locations (Sheet 2 of 2)



- Notes:**
1. This figure is not drawn to scale.
 2. These drawings are intended to describe the typical locations for pedestrian pushbutton installations. They are not intended to be a guide for the design of curb cut ramps.
 3. Figure 4E-3 shows the recommended area for pushbutton locations.



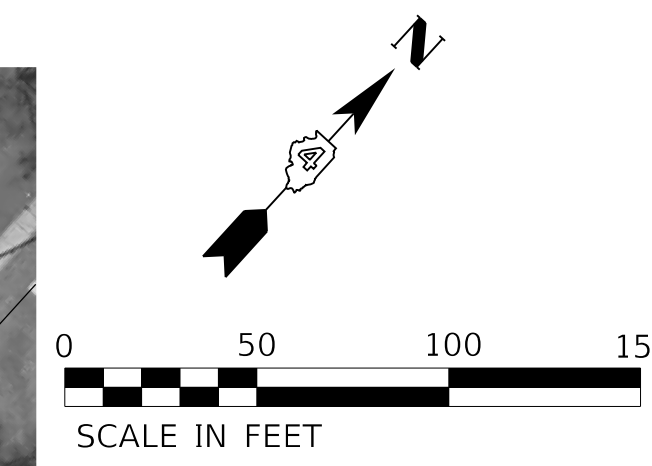
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

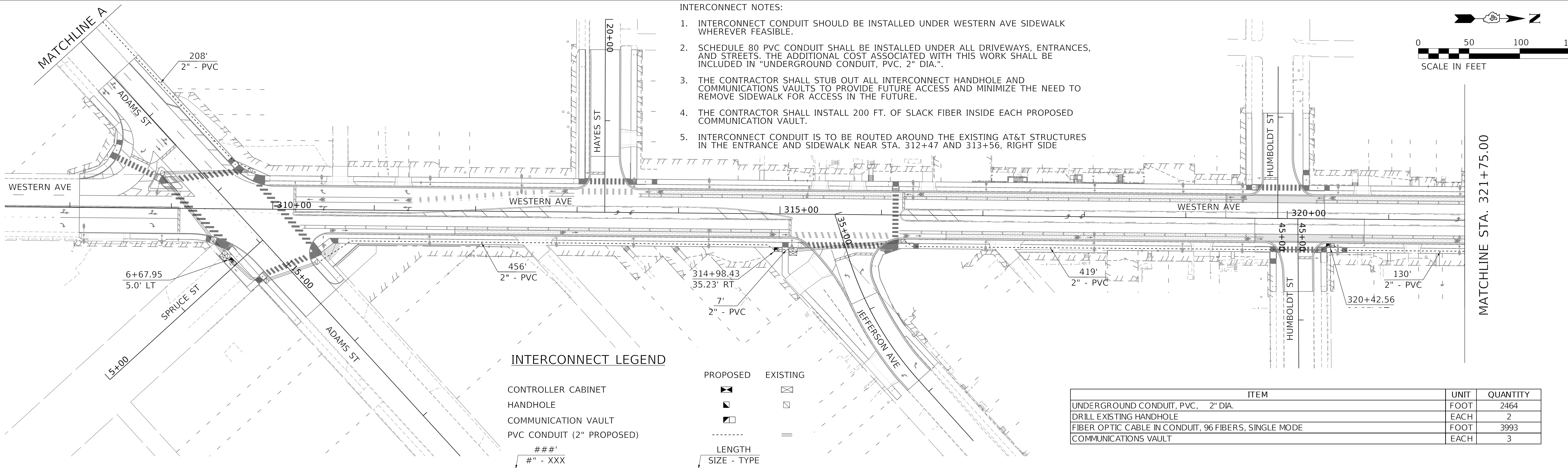
**TRAFFIC SIGNAL DETAILS
PROPOSED PEDESTRIAN PUSHBUTTON POST DETAIL**

SCALE: NTS SHEET 19 OF 19 SHEETS STA. TO STA.

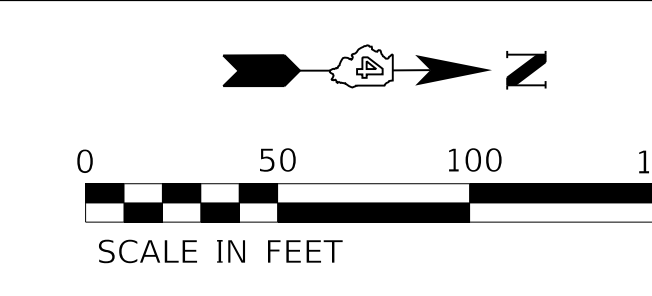
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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 289 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |



MATCHLINE A



- INTERCONNECT NOTES:**
1. INTERCONNECT CONDUIT SHOULD BE INSTALLED UNDER WESTERN AVE SIDEWALK WHEREVER FEASIBLE.
 2. SCHEDULE 80 PVC CONDUIT SHALL BE INSTALLED UNDER ALL DRIVEWAYS, ENTRANCES, AND STREETS. THE ADDITIONAL COST ASSOCIATED WITH THIS WORK SHALL BE INCLUDED IN "UNDERGROUND CONDUIT, PVC, 2" DIA."
 3. THE CONTRACTOR SHALL STUB OUT ALL INTERCONNECT HANDHOLE AND COMMUNICATIONS VAULTS TO PROVIDE FUTURE ACCESS AND MINIMIZE THE NEED TO REMOVE SIDEWALK FOR ACCESS IN THE FUTURE.
 4. THE CONTRACTOR SHALL INSTALL 200 FT. OF SLACK FIBER INSIDE EACH PROPOSED COMMUNICATION VAULT.
 5. INTERCONNECT CONDUIT IS TO BE ROUTED AROUND THE EXISTING AT&T STRUCTURES IN THE ENTRANCE AND SIDEWALK NEAR STA. 312+47 AND 313+56, RIGHT SIDE



MATCHLINE STA. 321+75.00

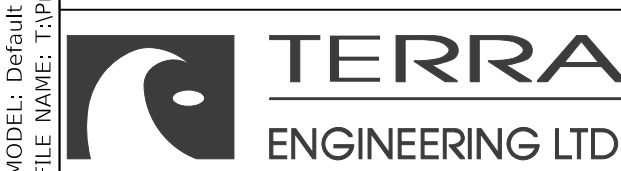
INTERCONNECT LEGEND

- CONTROLLER CABINET
 - HANDHOLE
 - COMMUNICATION VAULT
 - PVC CONDUIT (2" PROPOSED)
- ###'
#"-XXX

- PROPOSED** **EXISTING**
- ☒ ☒
 - ☑ ☑
 - ☐ ☐
- ---
LENGTH SIZE - TYPE

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 2464 |
| DRILL EXISTING HANDHOLE | EACH | 2 |
| FIBER OPTIC CABLE IN CONDUIT, 96 FIBERS, SINGLE MODE | FOOT | 3993 |
| COMMUNICATIONS VAULT | EACH | 3 |

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-TRAFFIC-SIGNAL-06-INTERCONNECT-001.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

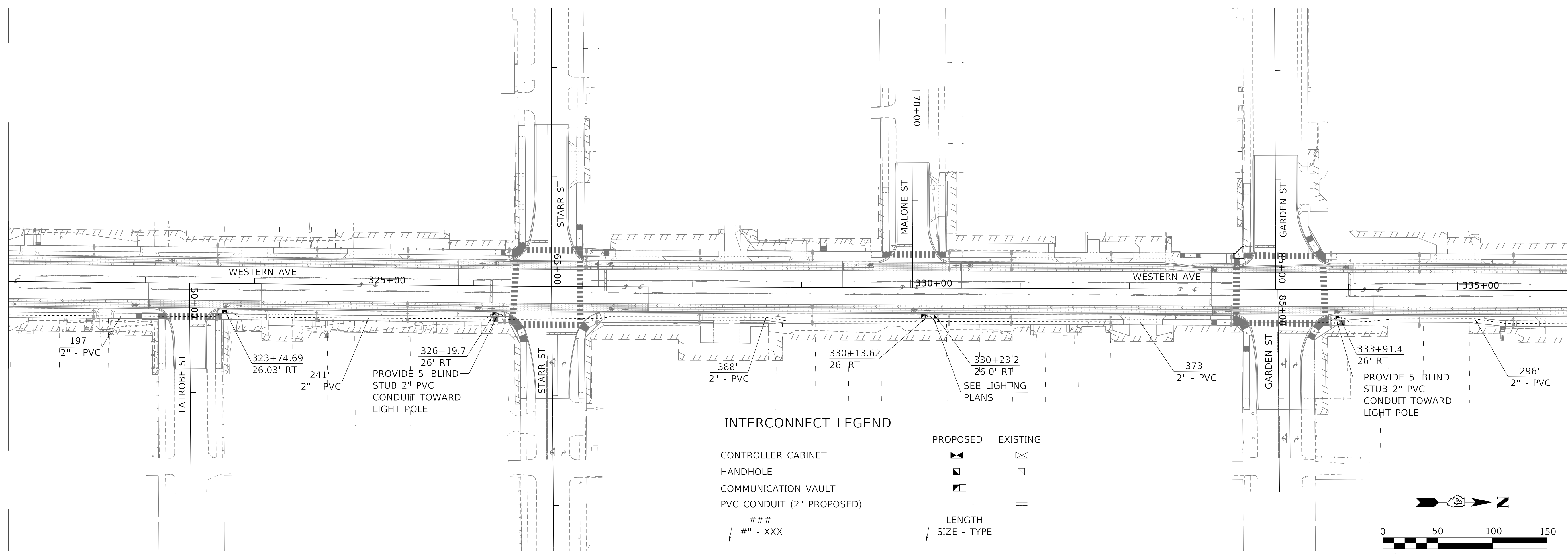
**TRAFFIC SIGNAL INTERCONNECT
WESTERN AVENUE AND ADAMS STREET**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 290 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |

ILLINOIS FED. AID PROJECT

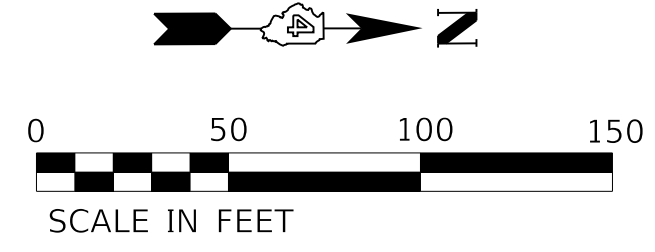
MATCHLINE STA. 321+75.00



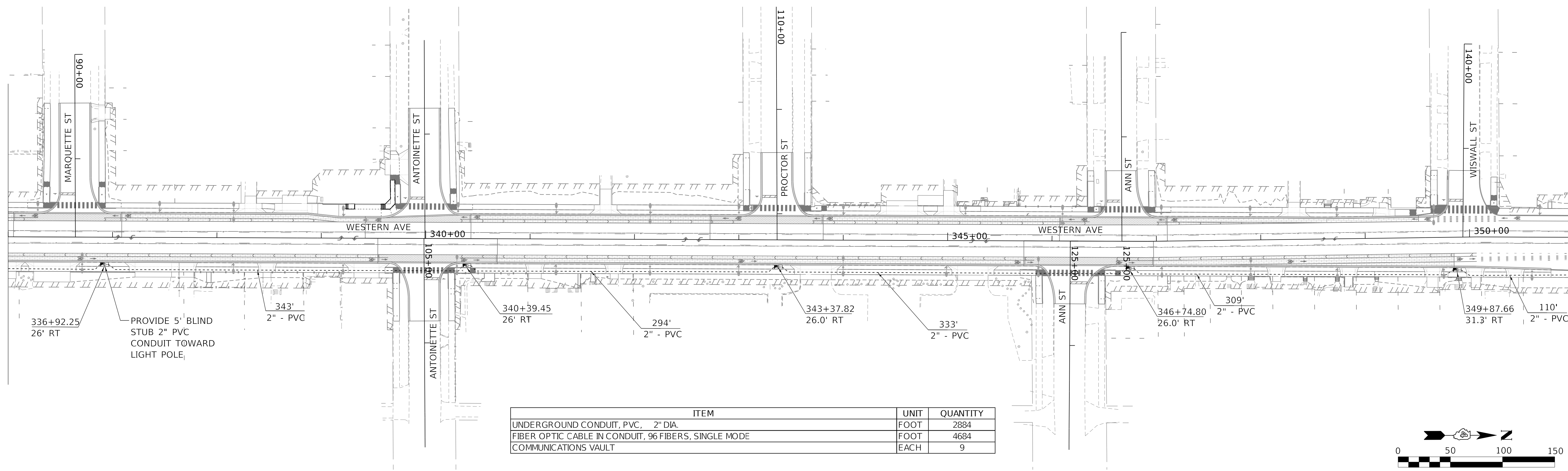
MATCHLINE STA. 336+00.00

INTERCONNECT LEGEND

| | | | |
|---------------------------|--|-------------|--|
| CONTROLLER CABINET | | EXISTING | |
| HANDHOLE | | EXISTING | |
| COMMUNICATION VAULT | | EXISTING | |
| PVC CONDUIT (2" PROPOSED) | | | |
| ###' | | | |
| #" - XXX | | | |
| | | LENGTH | |
| | | SIZE - TYPE | |

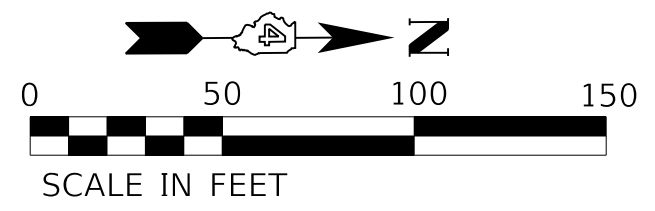


MATCHLINE STA. 336+00.00



MATCHLINE STA. 351+00.00

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 2884 |
| FIBER OPTIC CABLE IN CONDUIT, 96 FIBERS, SINGLE MODE | FOOT | 4684 |
| COMMUNICATIONS VAULT | EACH | 9 |



MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\01\16-187-005-SHT-TAFFIC-SIGNAL-06-INTERCONNECT-002.dgn



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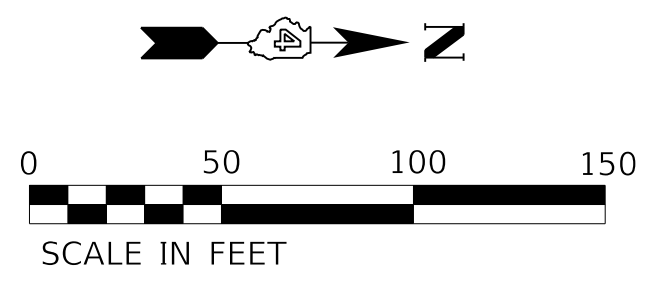
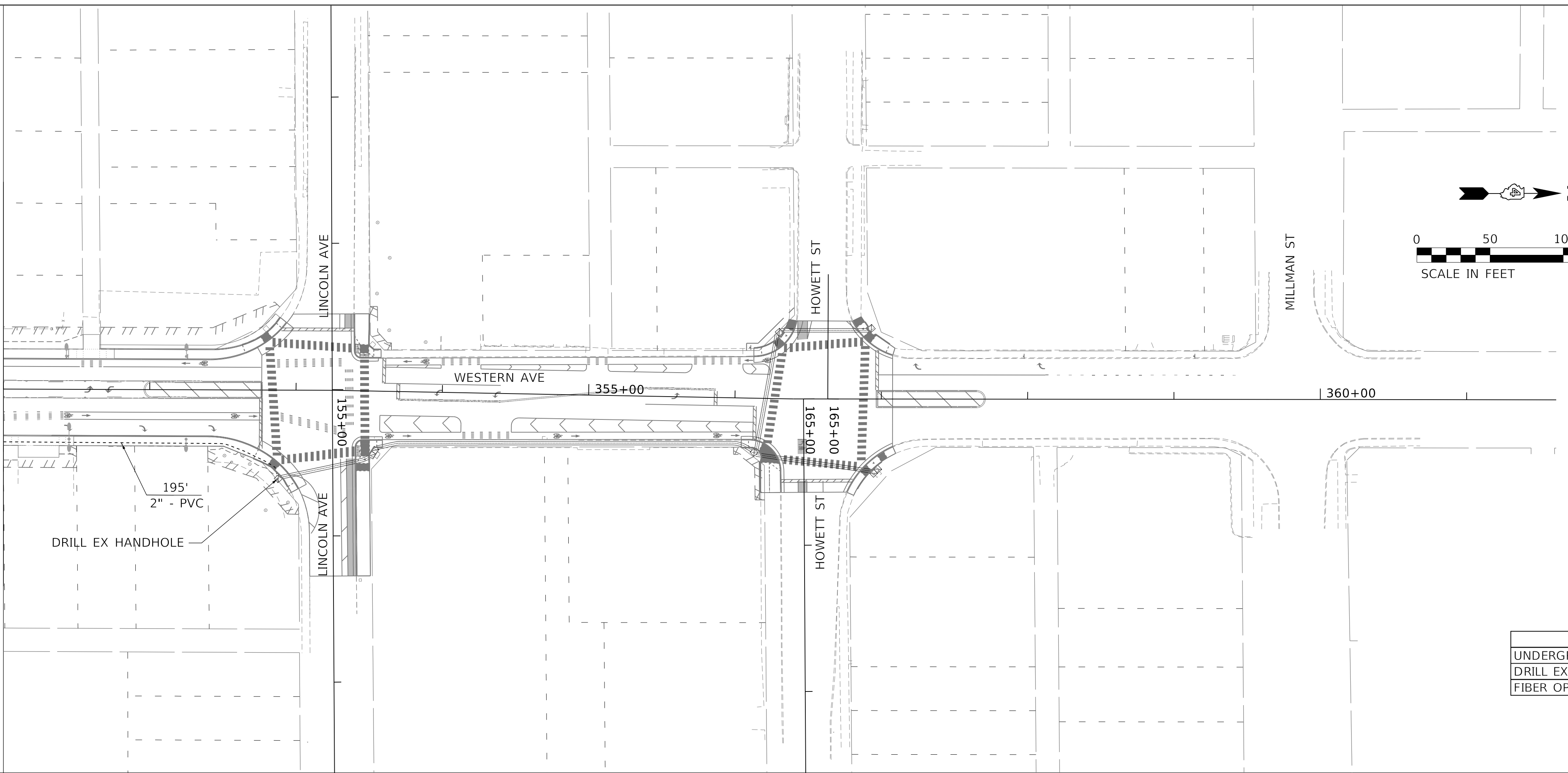
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INTERCONNECT
WESTERN AVENUE AND ADAMS STREET

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|--------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 291 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. 89766 | |
| ILLINOIS FED. AID PROJECT | | | | |

MATCHLINE STA. 351+00.00



INTERCONNECT LEGEND

| | PROPOSED | EXISTING |
|---------------------------|----------|----------|
| CONTROLLER CABINET | | |
| HANDHOLE | | |
| COMMUNICATION VAULT | | |
| PVC CONDUIT (2" PROPOSED) | | |
| ###' | | |
| #" - XXX | | |

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 195 |
| DRILL EXISTING HANDHOLE | EACH | 1 |
| FIBER OPTIC CABLE IN CONDUIT, 96 FIBERS, SINGLE MODE | FOOT | 1146 |

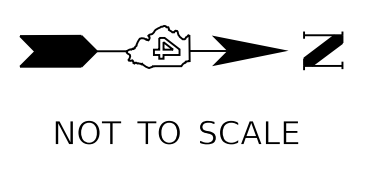
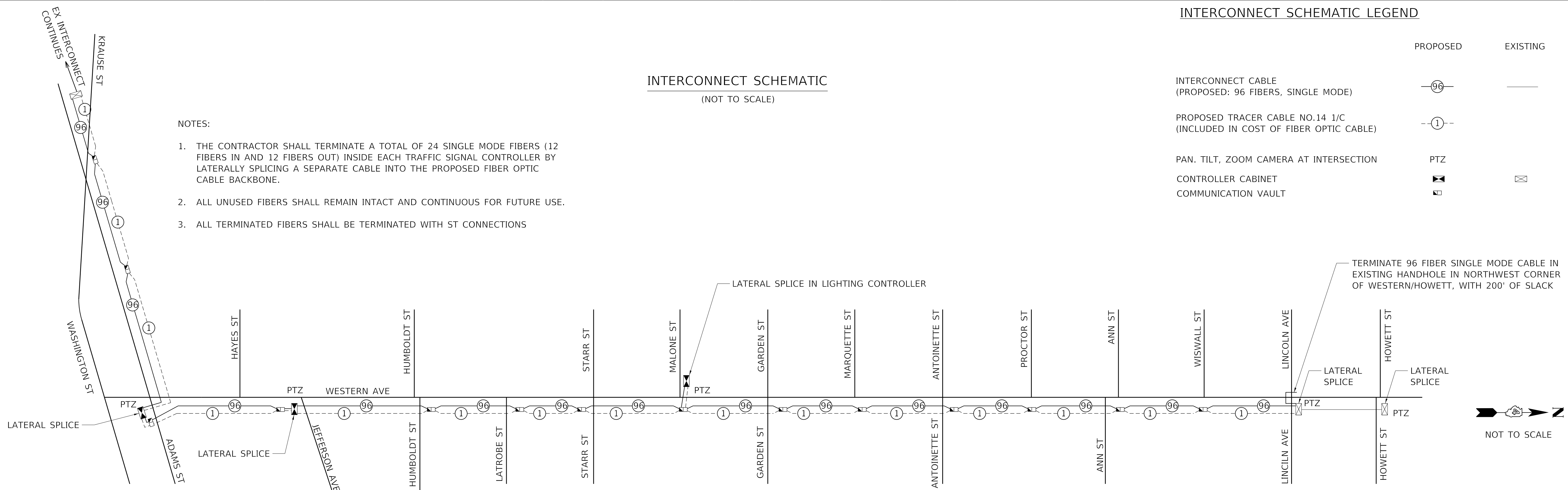
INTERCONNECT SCHEMATIC LEGEND

| | PROPOSED | EXISTING |
|---|----------|----------|
| INTERCONNECT CABLE (PROPOSED: 96 FIBERS, SINGLE MODE) | | |
| PROPOSED TRACER CABLE NO.14 1/C (INCLUDED IN COST OF FIBER OPTIC CABLE) | | |
| PAN. TILT, ZOOM CAMERA AT INTERSECTION | PTZ | |
| CONTROLLER CABINET | | |
| COMMUNICATION VAULT | | |

INTERCONNECT SCHEMATIC
(NOT TO SCALE)

NOTES:

1. THE CONTRACTOR SHALL TERMINATE A TOTAL OF 24 SINGLE MODE FIBERS (12 FIBERS IN AND 12 FIBERS OUT) INSIDE EACH TRAFFIC SIGNAL CONTROLLER BY LATERALLY SPLICING A SEPARATE CABLE INTO THE PROPOSED FIBER OPTIC CABLE BACKBONE.
2. ALL UNUSED FIBERS SHALL REMAIN INTACT AND CONTINUOUS FOR FUTURE USE.
3. ALL TERMINATED FIBERS SHALL BE TERMINATED WITH ST CONNECTIONS



MODEL: D:\default\TERRA\Projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-Traffic-Signal\06-INTERCONNECT-003.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INTERCONNECT
WESTERN AVENUE AND ADAMS STREET**

SCALE: 1"=50' SHEET 3 OF 3 SHEETS STA. TO STA.

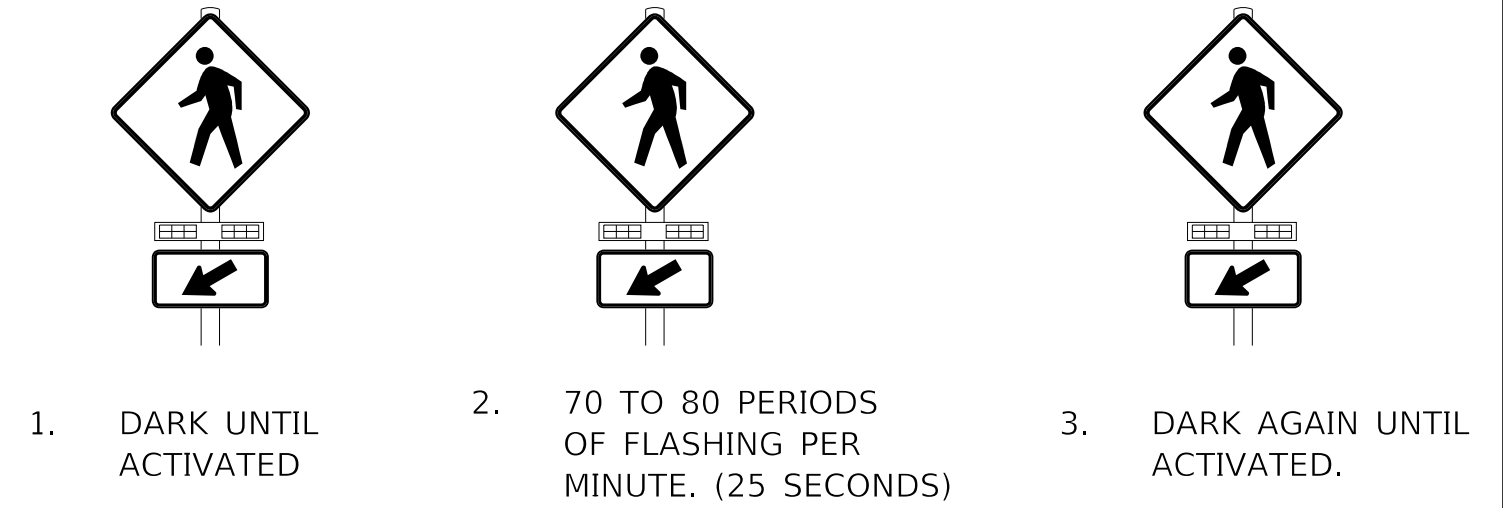
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 292 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |

ILLINOIS FED. AID PROJECT

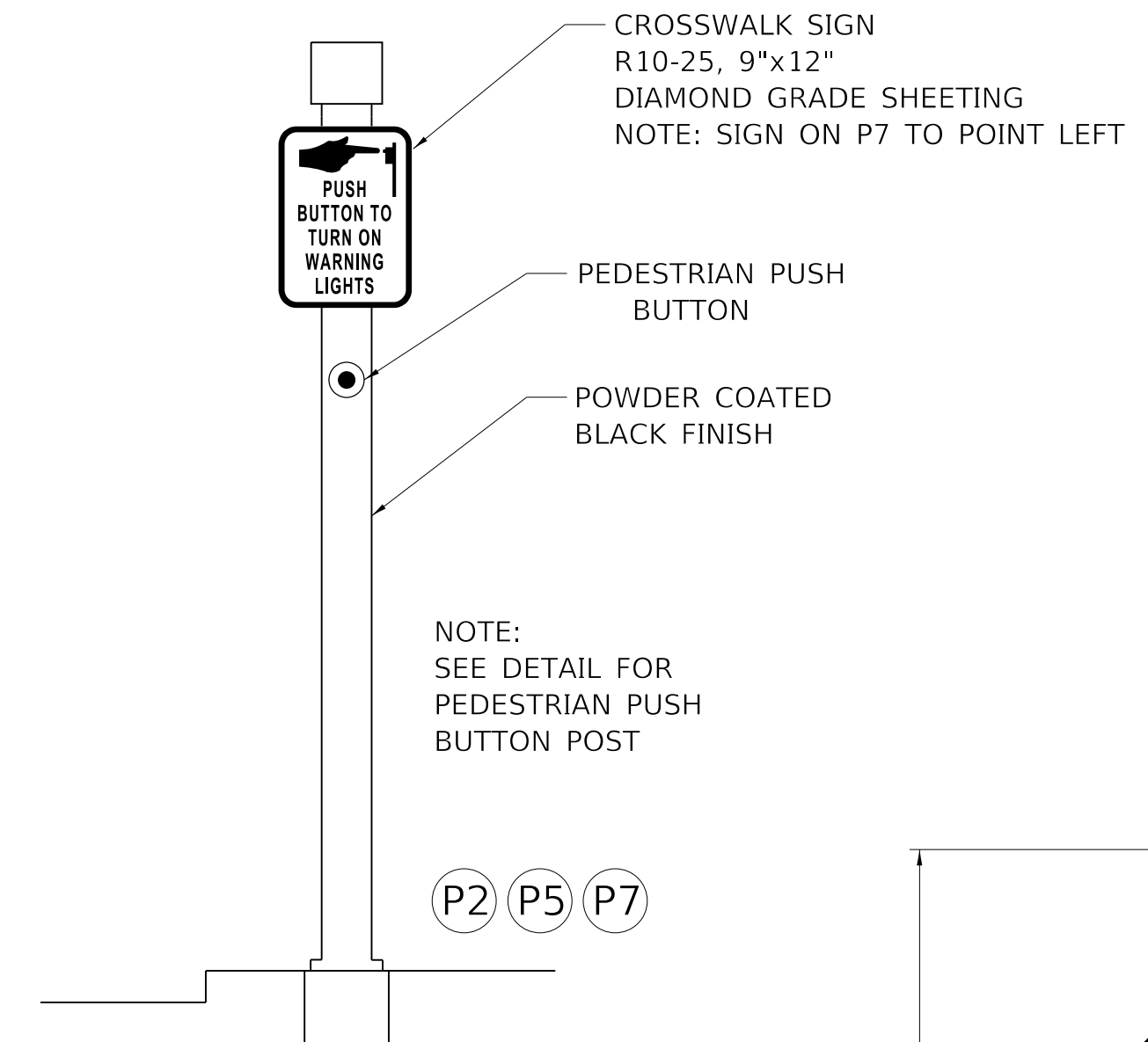
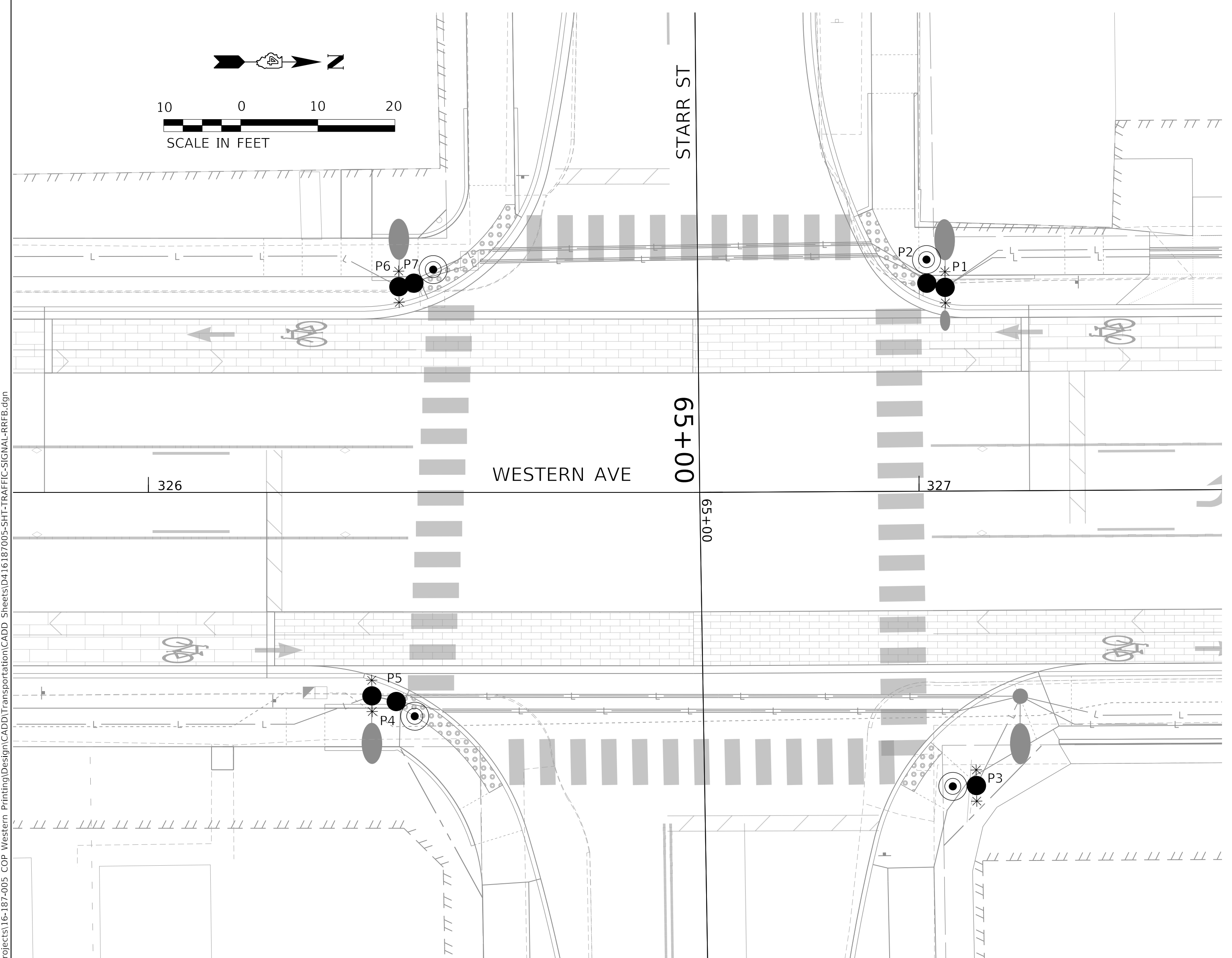
OPERATION NOTES

PATTERN: DURING EACH FLASHING PERIOD ONE INDICATION SHALL EMIT TWO RADIO PULSES OF LIGHT AND THE OTHER INDICATION SHALL EMIT THREE RAPID PULSES OF LIGHT. THE PATTERN THEN SWITCHES BETWEEN THE INDICATIONS FOR THE NEXT PERIOD.

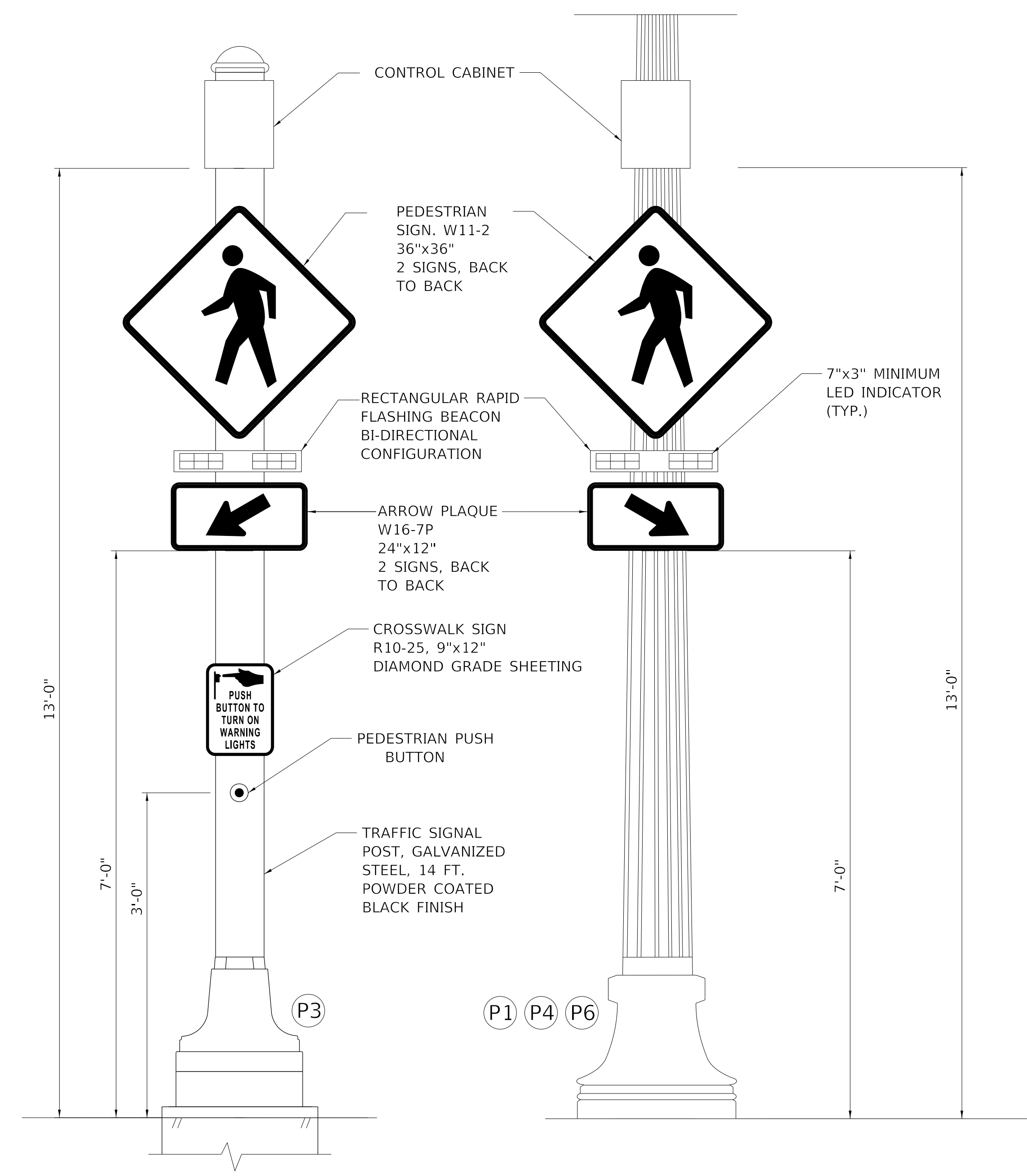
UPON PEDESTRIAN ACTIVATION ALL RRFB UNITS SHALL BECOME ACTIVE.



| POSTS | | | | |
|-----------|---------|--------|--|---------------------|
| POLE I.D. | STATION | OFFSET | POST TYPE/MOUNTING TYPE | FOUNDATION |
| P1 | 327+0.5 | 26' LT | RRFB MOUNTED TO LIGHT POLE | SEE LIGHTING PLANS |
| P2 | 327+1.1 | 27' LT | PEDESTRIAN PUSH BUTTON POST | 12"x12", 2.5' |
| P3 | 327+7.2 | 38' RT | RRFB MOUNTED TO TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT | TYPE A, 24" DIA. 3' |
| P4 | 326+29 | 26' RT | RRFB MOUNTED TO LIGHT POLE | SEE LIGHTING PLANS |
| P5 | 326+32 | 27' RT | PEDESTRIAN PUSH BUTTON POST | 12"x12", 2.5' |
| P6 | 326+32 | 27' LT | RRFB MOUNTED TO LIGHT POLE | SEE LIGHTING PLANS |
| P7 | 326+34 | 27' LT | PEDESTRIAN PUSH BUTTON POST | 12"x12", 2.5' |



- NOTES:**
1. RRFB SYSTEM TO BE HARD WIRED TO LIGHTING CONTROLLER FOR AC POWER VIA 3 1/C#6 CABLE. SEE LIGHTING PLANS FOR ADDITIONAL INFORMATION.
 2. FLASHING BEACONS, SIGNS, AND PUSH BUTTONS ARE INCLUDED IN "RAPID RECTANGULAR FLASHING BEACON ASSEMBLY (COMPLETE)". TRAFFIC SIGNAL POSTS, PEDESTRIAN PUSHBUTTON POSTS, AND FOUNDATIONS SHALL BE PAID SEPARATELY.
 3. SEE LIGHTING PLANS FOR CONDUIT AND CABLE CONNECTING THE RRFB SYSTEM TO THE LIGHTING CONTROLLER.
 4. PEDESTRIAN PUSH BUTTONS SHALL BE INSTALLED ACCORDING TO ADA/PROWAG GUIDELINES FOR DISTANCE FROM THE EDGE OF CURB.



RECTANGULAR RAPID FLASHING BEACON MOUNTING DETAIL
NOT TO SCALE

| ITEM | UNIT | QUANTITY |
|---|------|----------|
| TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT. | EACH | 1 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 3 |
| RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (COMPLETE) | EACH | 4 |
| PEDESTRIAN PUSH-BUTTON POST | EACH | 3 |

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-TRAFFIC-SIGNAL-RRFB.dgn

TERRA ENGINEERING LTD.

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 PLOT DATE = 2/19/2020 3:47:35 PM

DESIGNED - CC
 DRAWN - AE
 CHECKED - CH
 DATE - 2/21/2020

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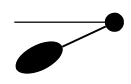
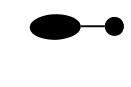
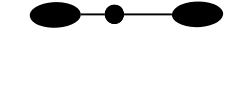


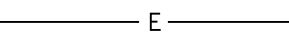

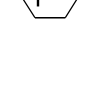
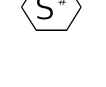


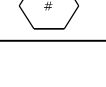
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RAPID RECTANGULAR FLASHING BEACON ASSEMBLY (COMPLETE)
WESTERN AVENUE AND STARR STREET

SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 293 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

LIGHTING SYMBOLS LEGEND:

-  ROADWAY LUMINAIRE MOUNTED TO COMBINATION SIGNAL POLE
-  NEW 64 WATT LED SIDEWALK LUMINAIRE ON POLE WITH FOUNDATION
-  NEW 135 WATT LED ROADWAY LUMINAIRE AND 64 WATT LED SIDEWALK LUMINAIRE ON POLE WITH FOUNDATION
-  NEW OUTDOOR ROADWAY LIGHTING CONTROLLER
-  PROPOSED PVC CONDUIT (SCHEDULE 40), 1 1/2" DIAMETER
-  PROPOSED CONDUIT AND WIRING
-  HANDHOLE
-  240V, 64W SIDEWALK LIGHTING FIXTURE ON POLE "#" DESIGNATES FIXTURE NUMBER ON PLANS
-  240V, 135W SIDEWALK LIGHTING FIXTURE ON MAST ARM POLE WITH 64W SIDEWALK FIXTURE "#" DESIGNATES FIXTURE NUMBER ON PLANS
-  PROPOSED PVC CONDUIT (SCHEDULE 80), 1 1/2" DIAMETER (UNLESS OTHERWISE NOTED)
-  CIRCUIT NUMBER CALLOUT
-  LIGHTING POLE DETAIL CALLOUT

GENERAL NOTES:

- PRIOR TO THE INSTALLATION OF NEW CONDUITS, HANDHOLES, JUNCTION BOXES, LIGHT STANDARD FOUNDATIONS AND APPURTENANCES THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATON OF EXISTING LIGHTING CONDUITS, CABLES AND UNDERGROUND UTILITIES.
- THE CONTRACTOR SHALL VERIFY ALL OF THE DATA SHOWN ON THE CONTRACT PLANS AND REFERENCE DRAWINGS WHICH WOULD AFFECT HIS WORK UNDER THIS CONTRACT AND THE OPERATION OF THE EXISTING ROADWAY LIGHTING SYSTEMS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT.
- ALL NEW CONDUIT, JUNCTION BOXES AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET WITH THE APPROVAL OF THE ENGINEER.
- THE SCALE SHOWN ON THE PLANS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZED PLANS.
- ELECTRICAL MATERIALS SHALL BE NEW AND OF THE TYPES AND KINDS APPROVED BY THE FOLLOWING ORGANIZATIONS:
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
INSTITUTE OF THE ELECTRICAL AND ELECTRONICS ENGINEERS
ILLUMINATING ENGINEERING SOCIETY
AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
U.S. DEPARTMENT OF TRANSPORTATION
UNDERWRITERS LABORATORIES
AMERICAN NATIONAL STANDARDS INSTITUTE
INSULATED CABLE ENGINEERS ASSOCIATION
IDOT STANDARD SPECIFICATIONS FOR ROAD BRIDGE CONSTRUCTION
- CONDUIT TO BE INSTALLED BY TRENCHING OR BORING AT THE DISCRETION OF THE CONTRACTOR.
- CONDUIT SHALL BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH UNDERDRAINS.
- THE CONTRACTOR IS ADVISED THAT IN EVENT OF SNOW HE WILL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY MAINTENANCE OF TRAFFIC PROTECTIVE DEVICES REQUIRED FOR HIS OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS PERFORMED BY THE AUTHORITY.
- ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS SHALL BE RESTORED WITH TOPSOIL AND SOD. DAMAGED CURB AND GUTTER AREAS SHALL BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE WORK SHALL BE CONSIDERED INDICENTAL TO THE CONTRACT. SEPERATE PAYMENT WILL NOT BE MADE.
- MAINTENANCE OF THE EXISTING ROADWAY LIGHTING INCLUDED WITHIN THE LIMITS OF THE IMPROVEMENT PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR BEGINNING ON THE DATE WORK ON THE PROJECT BEGINS AND AS REQUIRED IN THE SPECIAL PROVISIONS. TURNOVER MEETING(S) TO ESTABLISH THE CONDITIONS OF THE ROADWAYS AND THE PENDING WORK REQUIREMENTS WILL BE SCHEDULED WITH THE CITY AT THE PRE-CONSTRUCTION MEETING BY THE CONTRACTOR.
- ALL LIGHT POLES, CONTROLLER CABINETS, HANDHOLES, EXPOSED METALLIC CONDUIT, AND OTHER METALLIC COMPONENTS SHALL BE GROUNDED AND SAFETY BONDED IN ACCORDANCE WITH NEC REQUIREMENTS.
- SCHEDULE 80 CONDUIT SHALL BE INSTALLED UNDER ALL DRIVEWAYS, ROADWAYS, AND ENTRANCES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED CONDUIT.
- STAINLESS STEEL SCREENING SHALL BE INSTALLED AROUND ALL BREAKAWAY COUPLINGS AND ANCHOR BOLTS TO PREVENT RODENT ENTRY.
- THE CONTRACTOR SHALL CONTACT IRV LEBLANC AT (309) 303-7440 TO SCHEDULE A LIGHTING PRE-INSPECTION AFTER TEN (10) LIGHT POLES HAVE BEEN INSTALLED TO IDENTIFY ANY ISSUES PRIOR TO THE PROJECT ELECTRICAL FINAL INSPECTION.

| LIGHT FIXTURE SHEDULE | | | | |
|-----------------------|--|--|------|---|
| FIXTURE TYPE | MANUFACTURER & CATALOG NO. | TYPE/LAMPS /WATTS | VOLT | MOUNTING |
| (P*) | STERNBERG LIGHTING 1A-1A-1521LED-R-4ARC40T3- MDL03-FG-EZ/ONS/5717TFP5-MODBC- TFCC-SPM/BK | SIDEWALK FIXTURE LED 64W | 240V | 17' DECORATIVE POLE WITH FIXTURE MOUNTED AT 12' ON 2' ARM SEE NOTE 1 |
| (S*) | STERNBERG LIGHTING (POLE AND PED LIGHT) 1A-CA6/1AM-1521LED-R-4ARC40T3-MDL03- FG-EZ/ONSPM/9230ARTF-16SF/BAC/VD/TFCC/BK AEL (ROADWAY LIGHT) ATBM-P40-MVOLT-R3-4B-BK | ROADWAY FIXTURE LED 135W WITH 64W SIDEWALK FIXTURE | 240V | 30' DECORATIVE POLE WITH 2 FIXTURES: ROADWAY WITH 6' ARM, SIDEWALK WITH 2' ARM SEE NOTE 1 |
| (I*) | SEE SPECIAL PROVISIONS FOR FIXTURE REQUIREMENTS ROADWAY LIGHTING TO BE AGL: ATBM-P40-MVOLT-R3-4B-BK | ROADWAY FIXTURE LED MOUNTED TO TRAFFIC SIGNAL POLE | 120V | MOUNTED TO TRAFFIC SIGNAL POLE AT 45 FT POLE (SEE IDOT HIGHWAY STANDARD 877011-10) |

NOTES:

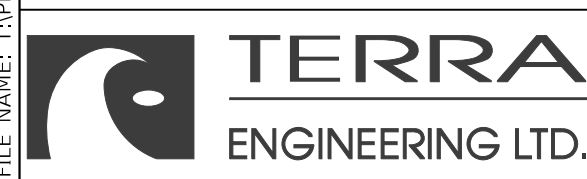
- PROVIDE 3 POLES WITH PRE-DRILL FOR RRFB CABINETS. COORDINATE EXACT HEIGHT WITH RRFB MANUFACTURER (POLES S53, S13, X21)

| ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE-OVERHEAD LIGHTING | | | |
|--|---|--------------------------|----------|
| GIVEN CONDITIONS | | | |
| ROADWAY DATA: | PAVEMENT WIDTHS | 66 FT | |
| | NUMBER OF LANES | 2 + PATHWAY + 2 SIDEWALK | |
| | MEDIAN WIDTH | NA | |
| | IES SURFACE CLASSIFICATION | R3 | |
| | Q-ZERO VALUE | 0.07 | |
| LIGHT POLE DATA: | MOUNTING HEIGHT | 30 FT | 12 FT |
| | MAST ARM LENGTH | 6 FT | 2 FT |
| | POLE SET-BACK FROM EDGE OF PAVEMENT | 2 FT | 2 FT |
| LUMINAIRE DATA: | LAMP TYPE | 135 W LED | 64 W LED |
| | LAMP LUMENS | 17,367 | 3,295 |
| | IES VERTICAL DISTRIBUTION | MEDIUM | MEDIUM |
| | IES CONTROL OF DISTRIBUTION | CUTOFF | CUTOFF |
| | IES LATERAL DISTRIBUTION | TYPE 3 | TYPE 3 |
| | TOTAL LIGHT LOSS FACTOR | 0.985 | 0.95 |
| LAYOUT DATA: | SPACING | 185 FT | 95 FT |
| | CONFIGURATION | STAGGERED | OPPOSITE |
| | LUMINAIRE OVERHANG OVER EDGE OF PAVEMENT LINE | 4 FT | |
| NOTE: VARIATIONS FROM THE ABOVE SPECIFIED IES DISTRIBUTION PATTERN MAY BE REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET. | | | |
| PERFORMANCE REQUIREMENTS | | | |
| NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE GIVEN CONDITIONS LISTED ABOVE. | | | |
| ILLUMINATION: (SIDEWALK) | AVERAGE HORIZONTAL ILLUMINATION, (EAVE) | 2.05 FC | |
| | UNIFORMITY RATIO, (EAVE/EMIN) | 6.0 | |
| LUMINANCE: ROADWAY) | AVERAGE LUMINANCE: (LAVE) | 1.08 Cd/m2 | |
| | UNIFORMITY RATIOS: (LAVE/LMIN) | 2.7 | |
| | (LMAX/LMIN) | 5.5 | |
| | MAXIMUM VEILING LUMINANCE RATIO: (LV/LAVE) | 0.10 | |

LIGHTING SUMMARY OF QUANTITIES

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| ELECTRIC SERVICE INSTALLATION | EACH | 1 |
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA. | FOOT | 8457 |
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 1756 |
| UNDERGROUND CONDUIT, PVC, 3" DIA. | FOOT | 56 |
| HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 4 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6, 1/C NO. 6 GROUND | FOOT | 934 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 3/0 | FOOT | 100 |
| LIGHT POLE FOUNDATION, 24" DIAMETER | FOOT | 819 |
| EQUIPMENT CABINET | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO. 6, 1/C NO. 6 GROUND | FOOT | 9770 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO. 6, 1/C NO. 6 GROUND | FOOT | 2364 |
| LIGHTS, PEDESTRIAN | EACH | 66 |
| LIGHTS, STREET | EACH | 25 |
| LUMINAIRE (SPECIAL) | EACH | 6 |

MODEL: Default
FILE NAME: C:\projects\16-187-005 COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187005-SHT-LIGHTING000.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| LIGHTING PLAN SUMMARY OF QUANTITIES, LUMINAIRE AND FIXTURE TABLES | | | |
|--|---------|--------------|--------------|
| SCALE: NTS | SHEET 1 | OF 13 SHEETS | STA. TO STA. |

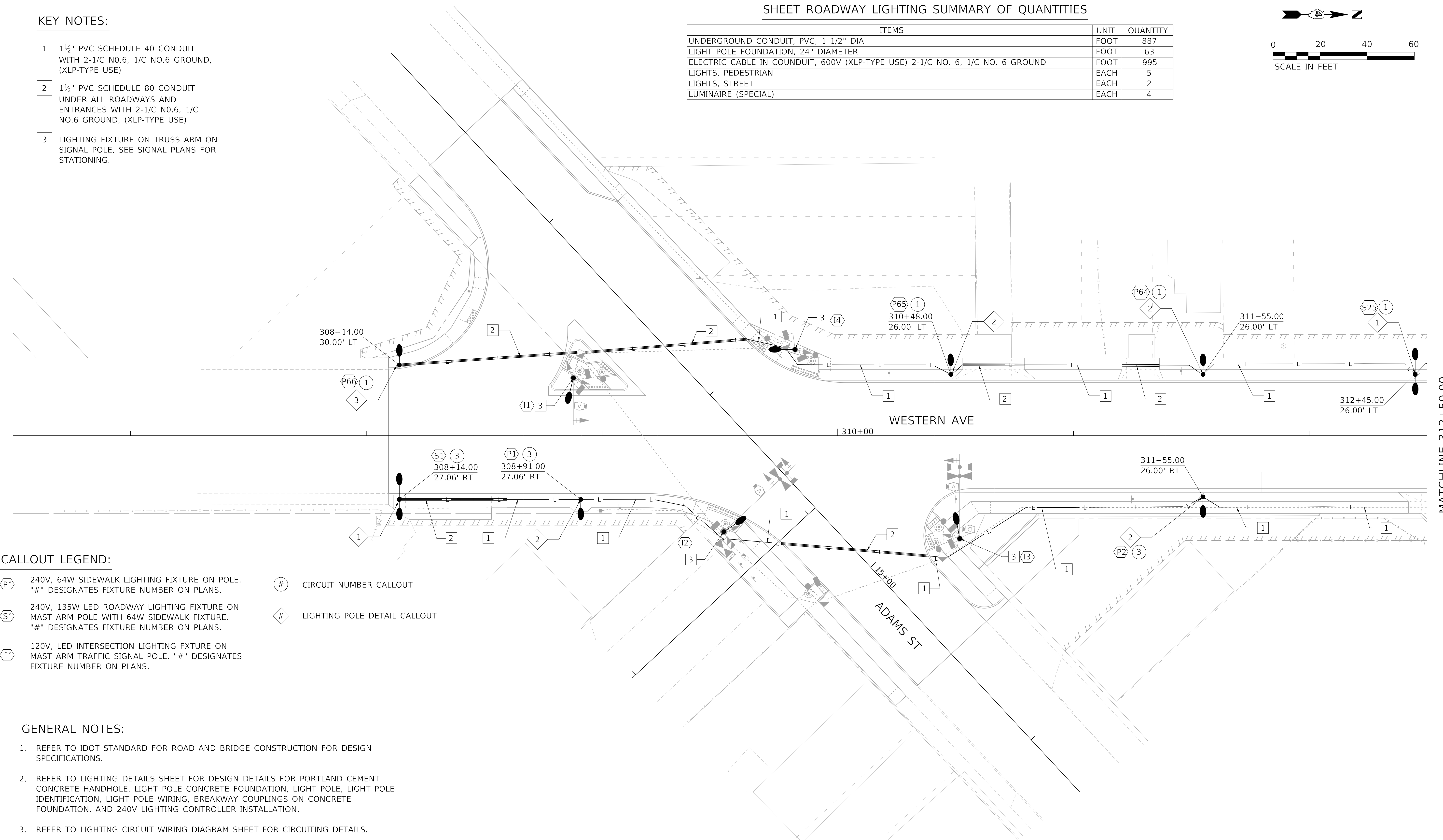
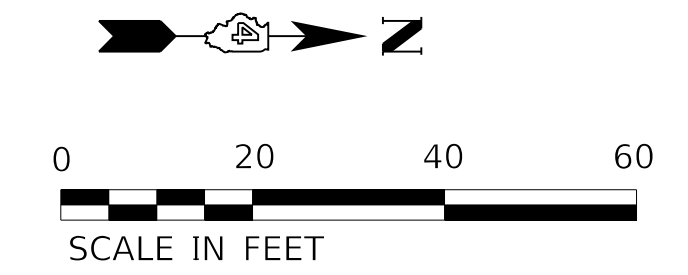
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 294 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

KEY NOTES:

- 1 1½" PVC SCHEDULE 40 CONDUIT WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 2 1½" PVC SCHEDULE 80 CONDUIT UNDER ALL ROADWAYS AND ENTRANCES WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 3 LIGHTING FIXTURE ON TRUSS ARM ON SIGNAL POLE. SEE SIGNAL PLANS FOR STATIONING.

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES

| ITEMS | UNIT | QUANTITY |
|--|------|----------|
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA | FOOT | 887 |
| LIGHT POLE FOUNDATION, 24" DIAMETER | FOOT | 63 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO. 6, 1/C NO. 6 GROUND | FOOT | 995 |
| LIGHTS, PEDESTRIAN | EACH | 5 |
| LIGHTS, STREET | EACH | 2 |
| LUMINAIRE (SPECIAL) | EACH | 4 |



CALLOUT LEGEND:

- 240V, 64W SIDEWALK LIGHTING FIXTURE ON POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- 240V, 135W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE WITH 64W SIDEWALK FIXTURE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- CIRCUIT NUMBER CALLOUT
- LIGHTING POLE DETAIL CALLOUT

GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEET FOR DESIGN DETAILS FOR PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES AND COMMUNICATION VAULTS.

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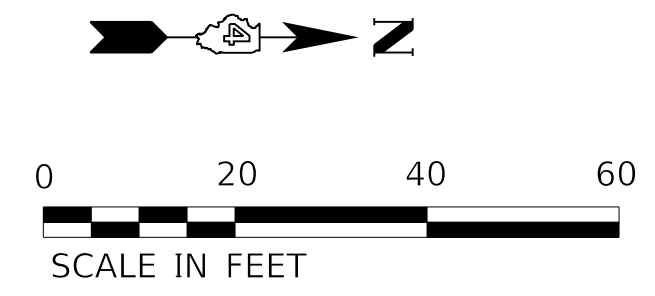
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN

SCALE: 1"=20' SHEET 2 OF 13 SHEETS STA. TO STA. 312+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 295 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |

MATCHLINE 312+50.00

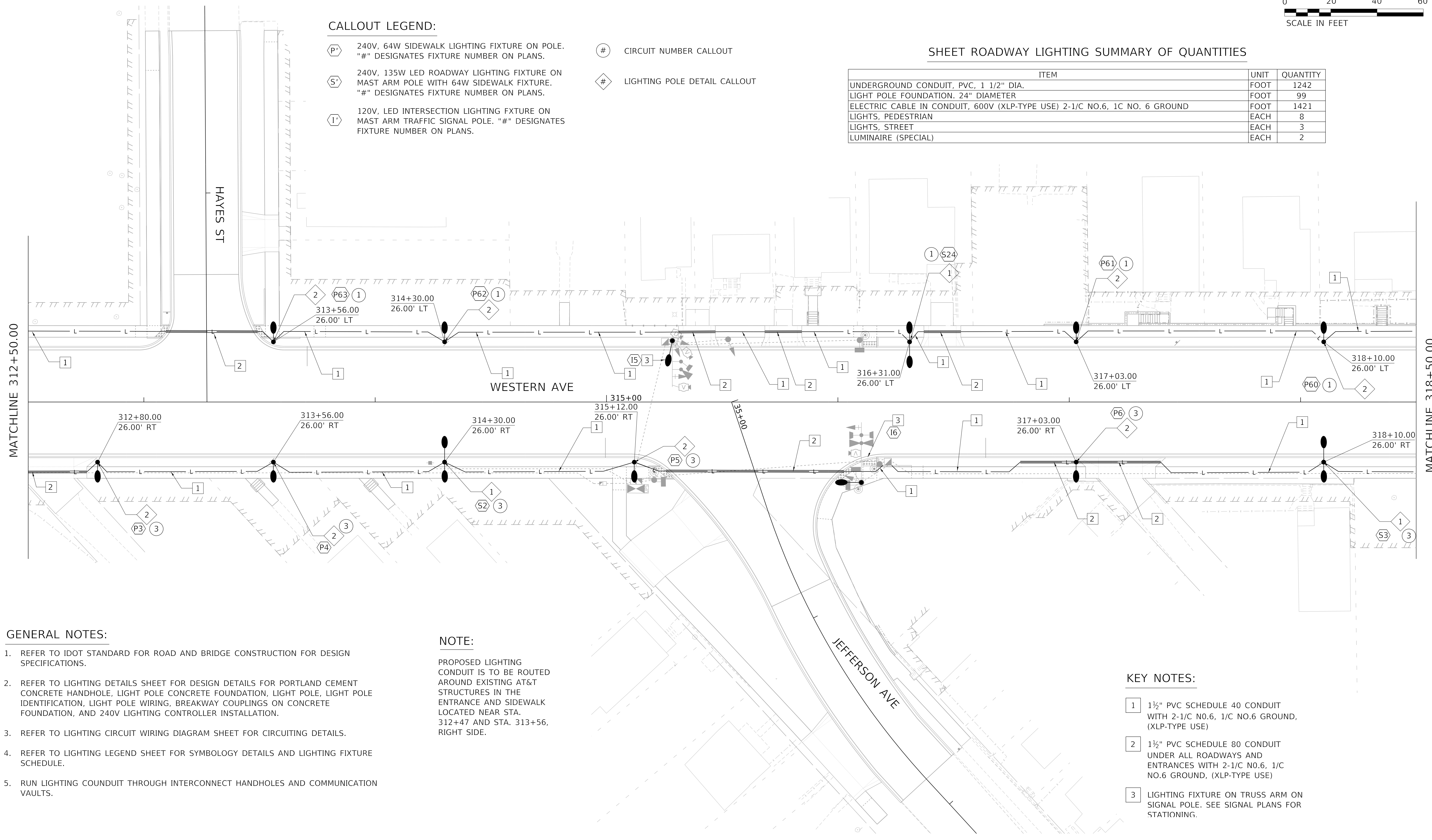


CALLOUT LEGEND:

- P# 240V, 64W SIDEWALK LIGHTING FIXTURE ON POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- S# 240V, 135W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE WITH 64W SIDEWALK FIXTURE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- I# 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- # CIRCUIT NUMBER CALLOUT
- LIGHTING POLE DETAIL CALLOUT

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA. | FOOT | 1242 |
| LIGHT POLE FOUNDATION, 24" DIAMETER | FOOT | 99 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 1C NO. 6 GROUND | FOOT | 1421 |
| LIGHTS, PEDESTRIAN | EACH | 8 |
| LIGHTS, STREET | EACH | 3 |
| LUMINAIRE (SPECIAL) | EACH | 2 |



GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEET FOR DESIGN DETAILS FOR PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES AND COMMUNICATION VAULTS.

NOTE:

PROPOSED LIGHTING CONDUIT IS TO BE ROUTED AROUND EXISTING AT&T STRUCTURES IN THE ENTRANCE AND SIDEWALK LOCATED NEAR STA. 312+47 AND STA. 313+56, RIGHT SIDE.

KEY NOTES:

- 1 1 1/2" PVC SCHEDULE 40 CONDUIT WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 2 1 1/2" PVC SCHEDULE 80 CONDUIT UNDER ALL ROADWAYS AND ENTRANCES WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 3 LIGHTING FIXTURE ON TRUSS ARM ON SIGNAL POLE. SEE SIGNAL PLANS FOR STATIONING.

MODEL: Default; FILE NAME: C:\projects\16-187-005_COP Western Printing\Design\CADD\Transportation\CADD_Sheets\16-187-005-SHT-LIGHTING002.dgn



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN

SCALE: 1"=20' SHEET 3 OF 13 SHEETS STA. 312+50.00 TO STA. 318+50.00

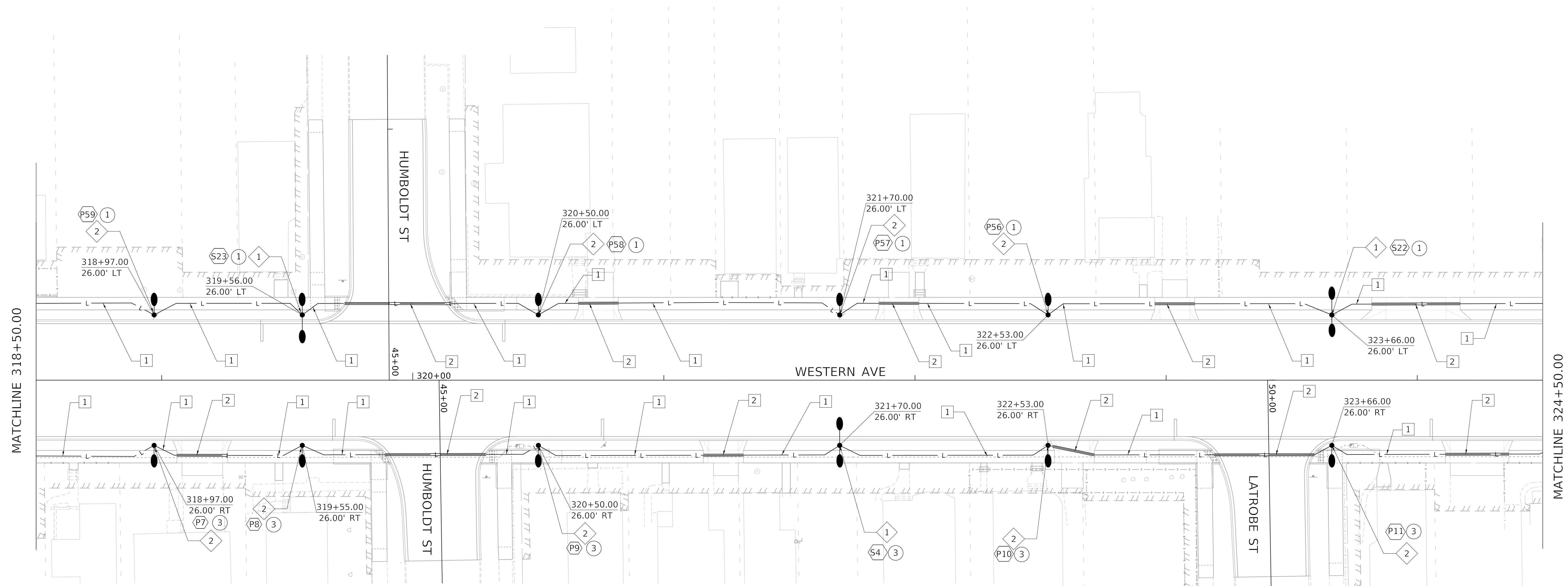
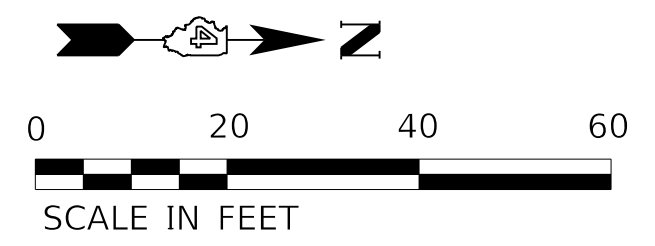
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 296 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

KEY NOTES:

- 1 1½" PVC SCHEDULE 40 CONDUIT WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 2 1½" PVC SCHEDULE 80 CONDUIT UNDER ALL ROADWAYS AND ENTRANCES WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA | FOOT | 1227 |
| LIGHT POLE FOUNDATION, 24" DIAMETER | FOOT | 108 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO. 6, 1/C NO. 6 GROUND | FOOT | 1419 |
| LIGHTS, PEDESTRIAN | EACH | 9 |
| LIGHTS, STREET | EACH | 3 |



CALLOUT LEGEND:

- P 240V, 64W SIDEWALK LIGHTING FIXTURE ON POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- S 240V, 135W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE WITH 64W SIDEWALK FIXTURE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- I 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- # CIRCUIT NUMBER CALLOUT
- # LIGHTING POLE DETAIL CALLOUT

GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEET FOR DESIGN DETAILS FOR PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES AND COMMUNICATION VAULTS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN

SCALE: 1"=20' SHEET 4 OF 13 SHEETS STA. 318+50.00 TO STA. 324+50.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------------------|--------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 297 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

CALLOUT LEGEND:

- P# 240V, 64W SIDEWALK LIGHTING FIXTURE ON POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- S# 240V, 135W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE WITH 64W SIDEWALK FIXTURE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- I# 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- # CIRCUIT NUMBER CALLOUT
- ◆ LIGHTING POLE DETAIL CALLOUT

KEY NOTES:

- 1 1½" PVC SCHEDULE 40 CONDUIT WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 2 1½" PVC SCHEDULE 80 CONDUIT UNDER ALL ROADWAYS AND ENTRANCES WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 3 EXISTING ELECTRIC UTILITY POLE
- 4 200A LIGHTING CONTROLLER CABINET. REFER TO DETAILS FOR MORE INFORMATION
- 5 ELECTRICAL CABLE IN CONDUIT, 600 V 3-1/C NO. 3/0 IN 3" PVC (SCHEDULE 80) CONDUIT
- 6 2" PVC (SCHEDULE 40) CONDUIT WITH 3-1/C NO. 6 AND 1/C NO. 6 GROUND (XLP-TYPE USE) FOR RRFB SERVICE
- 7 2" PVC (SCHEDULE 80) CONDUIT WITH 3-1/C NO. 6 AND 1/C NO. 6 GROUND (XLP-TYPE USE) FOR RRFB SERVICE
- 8 2" PVC (SCHEDULE 40) CONDUIT WITH 4-1/C NO. 6 AND 1/C NO. 6 GROUND (XLP-TYPE USE)
- 9 2" PVC (SCHEDULE 80) CONDUIT WITH 4-1/C NO. 6 AND 1/C NO. 6 GROUND (XLP-TYPE USE)

NOTE 1A
 POLES P53, P13, AND S21 HAVE PROPOSED RRFB EQUIPMENT MOUNTED TO THEM, REQUIRING DRILLED HOLES. CONTRACTOR SHALL COORDINATE WITH THE LIGHTING MANUFACTURER AND THE RRFB SUPPLIER TO ENSURE THE POLES ARE PRE-DRILLED WITH HOLES OF SIZE AND LOCATION THAT COMPLY WITH THE RRFB EQUIPMENT MOUNTING REQUIREMENTS. REFER TO SIGNAL PLANS FOR ADDITIONAL RRFB INFORMATION. INSTALL 1 FROM POLE TO ADJACENT PROPOSED PEDESTRIAN PUSH BUTTON POST.

COORDINATE AND PRE-DRILL POLE FOR FUTURE CCTV CAMERA INSTALLATION BY THE CITY OF PEORIA.

S21 1 SEE NOTE 1A

327+03.52
26.50' LT

RRFB

RRFB

RRFB

RRFB

RRFB

RRFB MOUNTED ON TRAFFIC SIGNAL POST SEE NOTE 2A

RRFB

RRFB

RRFB

RRFB

RRFB

RRFB

RRFB

RRFB

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RRFB

NOTE 2A
 CONTINUE WIRING INSIDE SIGNAL POST AND TERMINATE INSIDE RRFB CABINET.

MATCHLINE 324+50.00

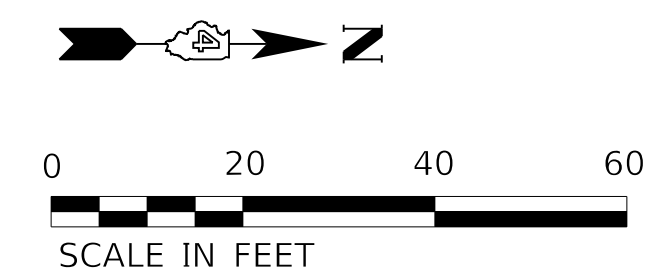
MATCHLINE 330+60.00

GENERAL NOTES:

- REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
- REFER TO LIGHTING DETAILS SHEET FOR DESIGN DETAILS FOR PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
- REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
- REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
- RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES AND COMMUNICATION VAULTS.

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES

| ITEM | UNIT | QUANTITY |
|--|------|----------|
| ELECTRIC SERVICE INSTALLATION | EACH | 1 |
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA. | FOOT | 1195 |
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 1307 |
| UNDERGROUND CONDUIT, PVC, 3" DIA. | FOOT | 56 |
| HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 4 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6, 1/C NO. 6 GROUND | FOOT | 934 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 3/0 | FOOT | 100 |
| LIGHT POLE FOUNDATION, 24" DIAMETER | FOOT | 126 |
| EQUIPMENT CABINET | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO. 6, 2/C NO. 6 GROUND | FOOT | 1375 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO. 6, 2/C NO. 6 GROUND | FOOT | 504 |
| LIGHTS, PEDESTRIAN | EACH | 10 |
| LIGHTS, STREET | EACH | 4 |



MODEL: Default
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN

SCALE: 1"=20' SHEET 5 OF 13 SHEETS STA. 324+50.00 TO STA. 330+60.00

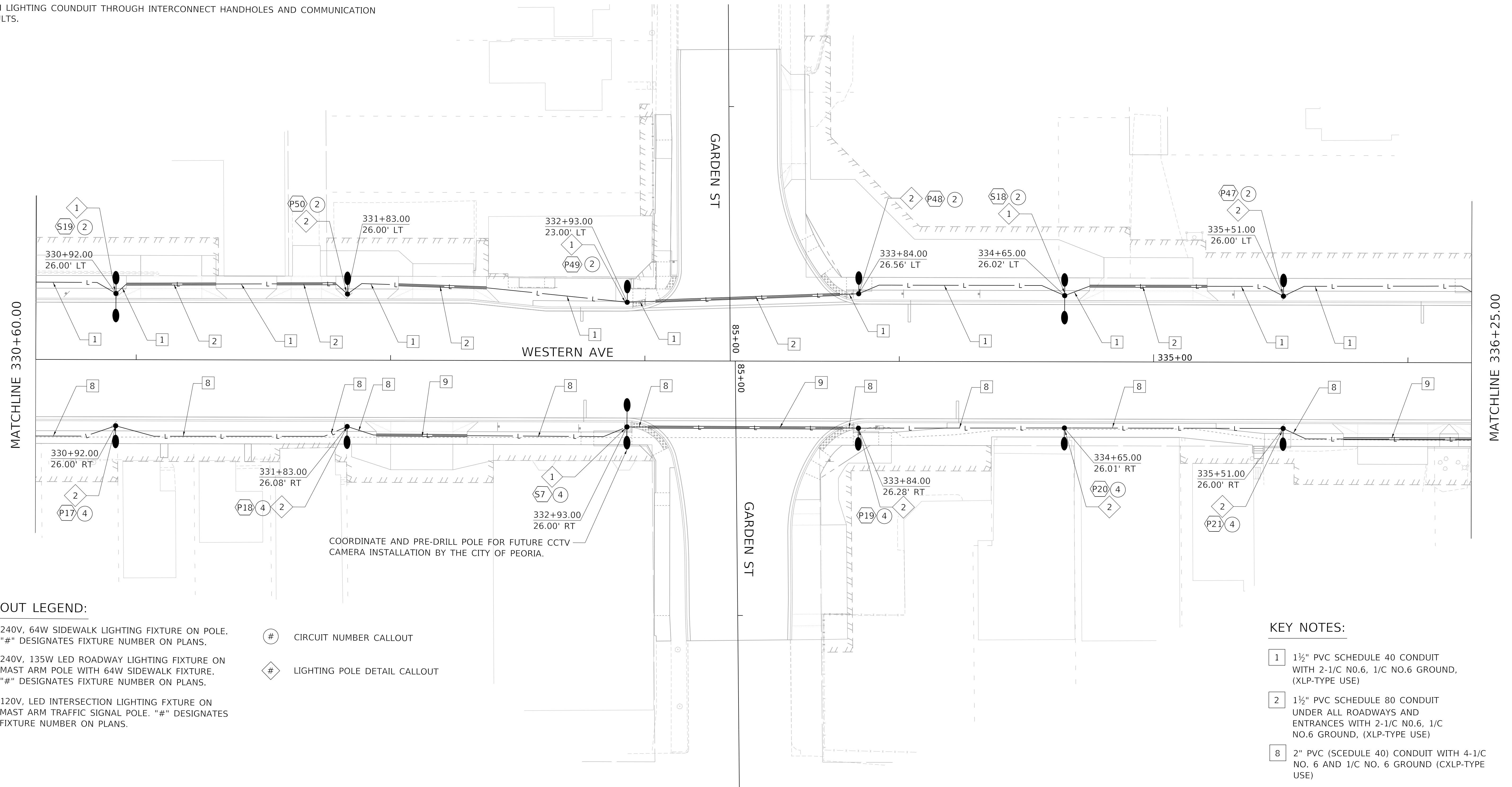
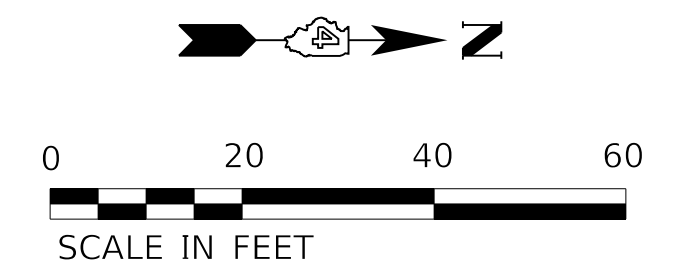
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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 298 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS | | FED. AID PROJECT | | |

GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEET FOR DESIGN DETAILS FOR PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES AND COMMUNICATION VAULTS.

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES

| ITEM | UNIT | QUANTITY |
|---|------|----------|
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA. | FOOT | 575 |
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 400 |
| LIGHT POLE FOUNDATION, 24" DIAMETER | FOOT | 108 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO.6, 1/C NO. 6 GROUND | FOOT | 671 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO.6, 1/C NO. 6 GROUND | FOOT | 1803 |
| LIGHTS, PEDESTRIAN | EACH | 9 |
| LIGHTS, STREET | EACH | 3 |



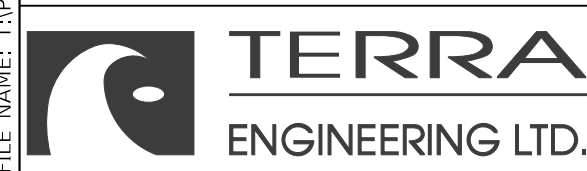
CALLOUT LEGEND:

- P# 240V, 64W SIDEWALK LIGHTING FIXTURE ON POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- S# 240V, 135W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE WITH 64W SIDEWALK FIXTURE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- I# 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- # CIRCUIT NUMBER CALLOUT
- # LIGHTING POLE DETAIL CALLOUT

KEY NOTES:

- 1 1/2" PVC SCHEDULE 40 CONDUIT WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 2 1/2" PVC SCHEDULE 80 CONDUIT UNDER ALL ROADWAYS AND ENTRANCES WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 8 2" PVC (SCHEDULE 40) CONDUIT WITH 4-1/C NO. 6 AND 1/C NO. 6 GROUND (CXLP-TYPE USE)
- 9 2" PVC (SCHEDULE 80) CONDUIT WITH 4-1/C NO. 6 AND 1/C NO. 6 GROUND (CXLP-TYPE USE)

MODEL: Default
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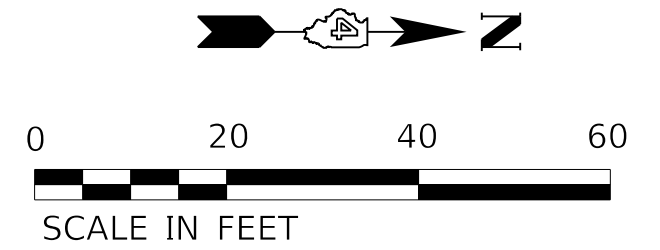
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING PLAN

SCALE: 1"=20' SHEET 6 OF 13 SHEETS STA. 330+60.00 TO STA. 336+25.00

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|----------------------------|----------------|--------|------------------|-----------|
| 6594 | 16-00368-01-PV | PEORIA | 422 | 299 |
| WESTERN AVE RECONSTRUCTION | | | CONTRACT NO. | 89766 |
| ILLINOIS | | | FED. AID PROJECT | |

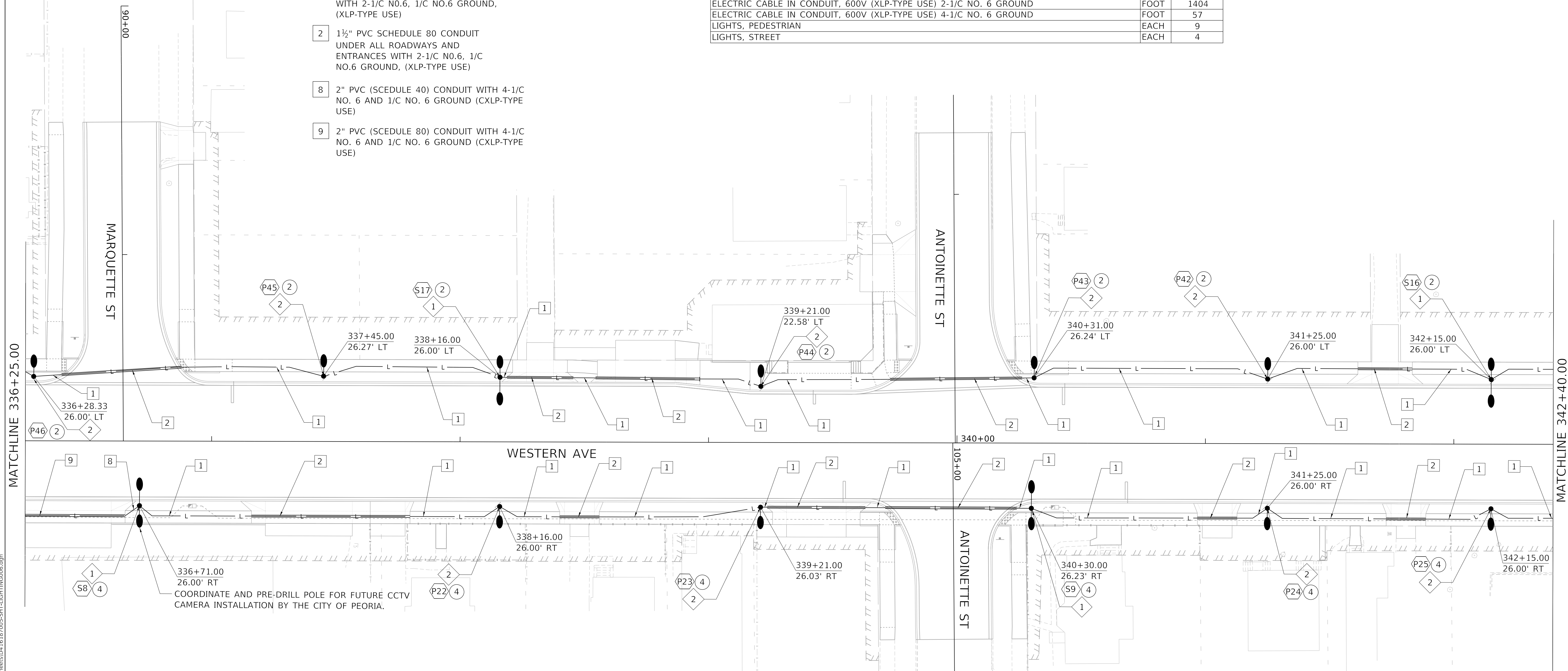
SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES



KEY NOTES:

- 1 1½" PVC SCHEDULE 40 CONDUIT WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 2 1½" PVC SCHEDULE 80 CONDUIT UNDER ALL ROADWAYS AND ENTRANCES WITH 2-1/C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE)
- 8 2" PVC (SCHEDULE 40) CONDUIT WITH 4-1/C NO. 6 AND 1/C NO. 6 GROUND (CXLP-TYPE USE)
- 9 2" PVC (SCHEDULE 80) CONDUIT WITH 4-1/C NO. 6 AND 1/C NO. 6 GROUND (CXLP-TYPE USE)

| ITEM | UNIT | QUANTITY |
|---|------|----------|
| UNDERGROUND CONDUIT, PVC, 1 1/2" DIA. | FOOT | 1204 |
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 49 |
| LIGHT POLE FOUNDATION, 24" DIAMETER | FOOT | 117 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 2-1/C NO. 6 GROUND | FOOT | 1404 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 4-1/C NO. 6 GROUND | FOOT | 57 |
| LIGHTS, PEDESTRIAN | EACH | 9 |
| LIGHTS, STREET | EACH | 4 |



GENERAL NOTES:

- REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
- REFER TO LIGHTING DETAILS SHEET FOR DESIGN DETAILS FOR PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
- REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
- REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
- RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES AND COMMUNICATION VAULTS.

CALLOUT LEGEND:

- P 240V, 64W SIDEWALK LIGHTING FIXTURE ON POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- S 240V, 135W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE WITH 64W SIDEWALK FIXTURE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- I 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE. "#" DESIGNATES FIXTURE NUMBER ON PLANS.
- # CIRCUIT NUMBER CALLOUT
- # LIGHTING POLE DETAIL CALLOUT

MODEL: Default
FILE NAME: C:\Projects\16-00368-01-16-187-005_COP Western Printing\Design\CADD\Transportation\CADD_Sheets\0416187005-SHT-LIGHTING006.dgn

| | | | |
|--|---|------------------|-----------|
| | USER NAME = alphonse | DESIGNED - ACGI | REVISED - |
| | FILENAME = D416187005-SHT-LIGHTING006.dgn | DRAWN - AE | REVISED - |
| | PLOT SCALE = 20.0000' / in. | CHECKED - CC | REVISED - |
| | PLOT DATE = 2/24/2020 10:07:06 AM | DATE - 2/21/2020 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|----------------------------------|----------------------|
| LIGHTING PLAN | |
| SCALE: 1"=20' | SHEET 7 OF 13 SHEETS |
| STA. 336+25.00 TO STA. 342+40.00 | |

| | | | | |
|----------------------------|----------------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 6594 | 16-00368-01-PV | PEORIA | 422 | 300 |
| WESTERN AVE RECONSTRUCTION | | CONTRACT NO. 89766 | | |
| ILLINOIS FED. AID PROJECT | | | | |