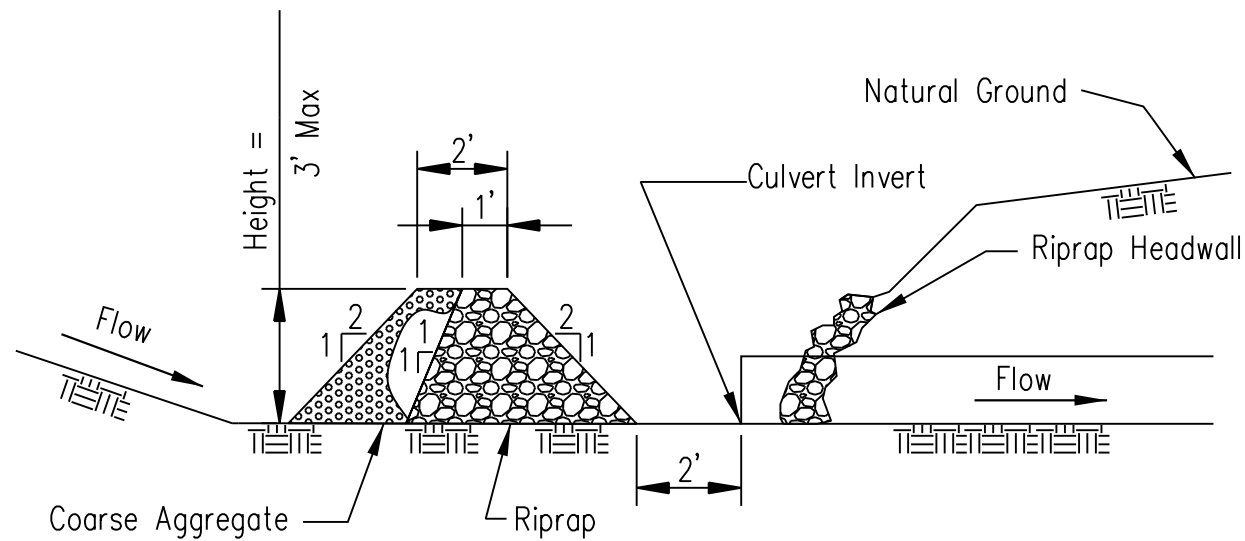


HALF PLAN VIEW



CROSS SECTION ON PIPE CENTERLINE

Notes:

1. Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm
2. Coarse aggregate shall meet IDOT coarse aggregate gradation CA-3.
3. Riprap shall meet IDOT gradation RR-3. Any permanent riprap such as for the culvert headwalls, shall meet IDOT Quality Designation A.
4. Coarse aggregate and riprap shall be placed according to Article 281.04.
5. Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.
6. Riprap and Aggregate shall be paid for according to Aggregate (Erosion Control).

| | |
|----------|-------------|
| Date | 4/1/14 |
| Designed | M. QUINONES |
| Drawn | |
| Checked | |
| Approved | |

CULVERT INLET PROTECTION
STONE



File No.
IL-ENG-60
Drawing No.
Page 1 of 1
Sheet of

FILE NAME = MA\994-010_KDOT_LMP_Sections\B\CADD_SHEETS\Section B2\20131894_SHT_EROSION_DETAILS.dgn

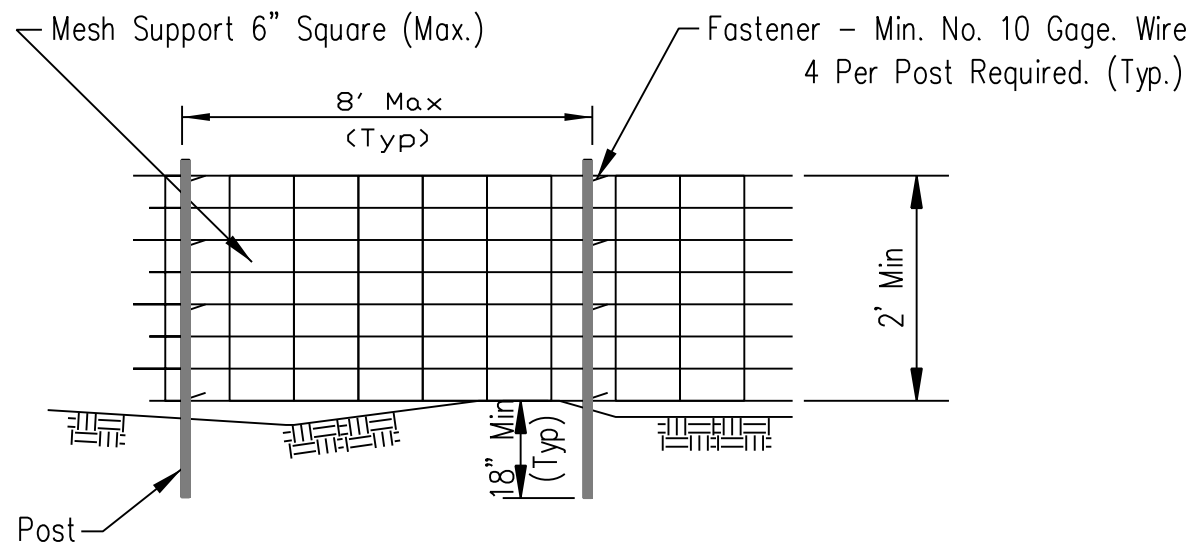
Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 2.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

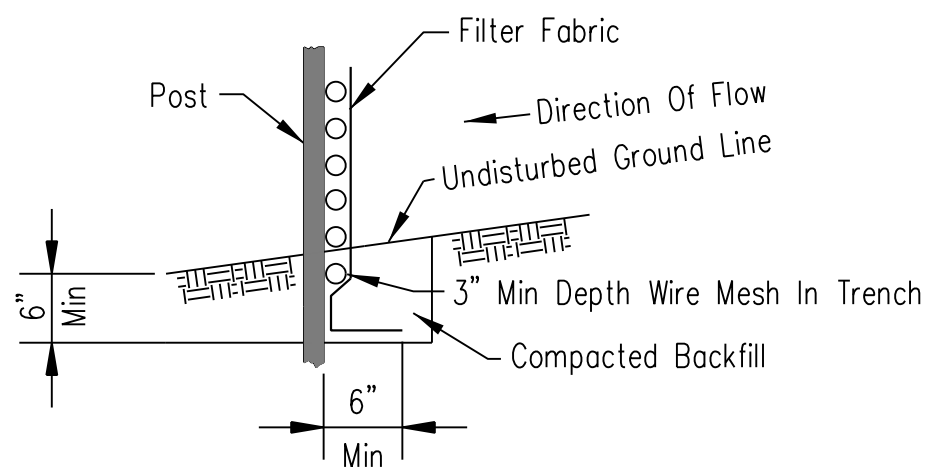
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
EROSION AND SEDIMENT CONTROL DETAILS
SCALE: N.T.S. SHEET 201 OF 611 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 201 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



ELEVATION



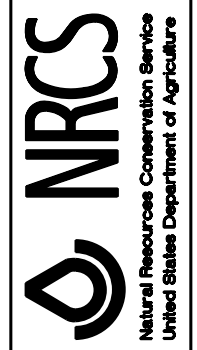
FABRIC ANCHOR DETAIL

NOTES:

1. Wires of mesh support shall be minimum gage no. 14.
2. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
3. Filter fabric shall meet the requirements of Article 1080.02
4. Fence posts shall be either wood post with a minimum cross-sectional area of 3.0 sq. in. or a standard steel post.

| | | | |
|----------|-------------|---------|--------|
| Designed | M. QUINONES | Date | 4/1/14 |
| Drawn | | Checked | |
| Approved | | | |

SILT FENCE WITH WIRE SUPPORT



File No. IL-ENG-50
 Drawing No.
 Page 1 of 1
 Sheet of

FILE NAME = \\NA\94-010_KDOT_LMP_Section_B\CADD_SHEETS\Section_B2\20131894_SHT_EROSION_DETAILS.dgn

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 2.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

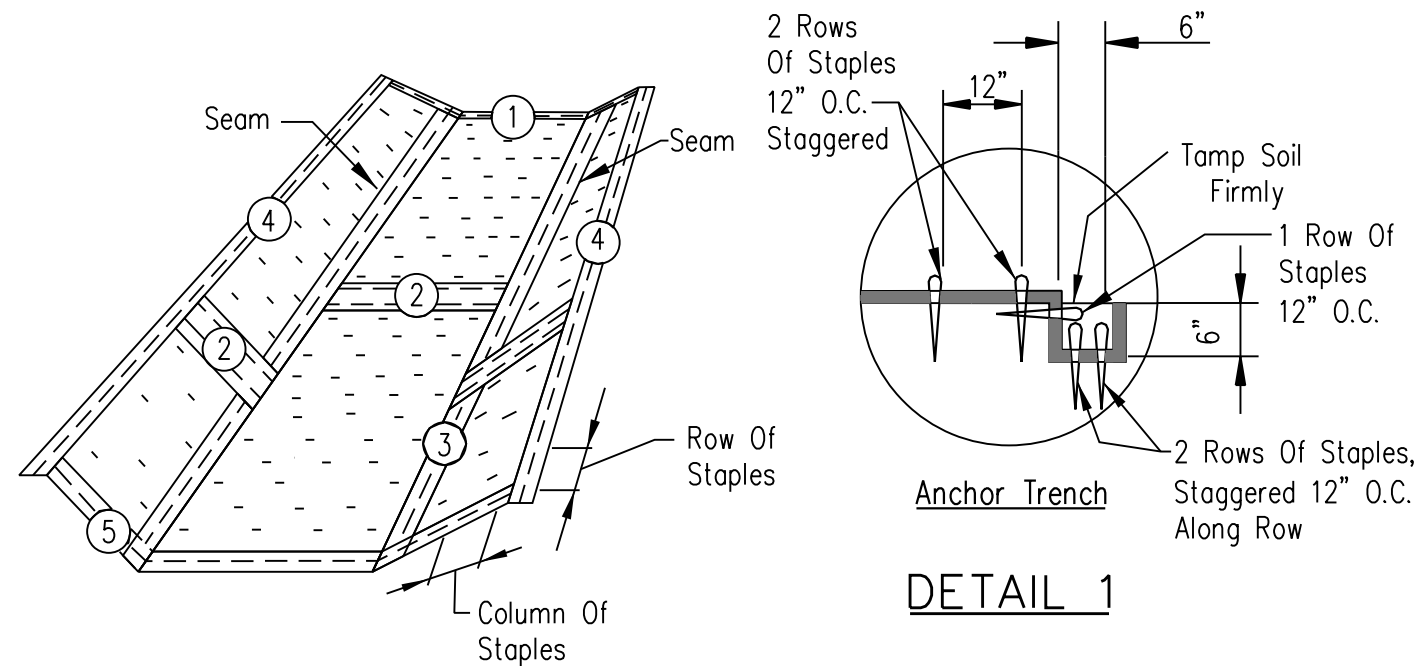
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
 EROSION AND SEDIMENT CONTROL DETAILS**

SCALE: N.T.S. SHEET 202 OF 611 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 202 |
| CONTRACT NO. 61E05 | | | | |

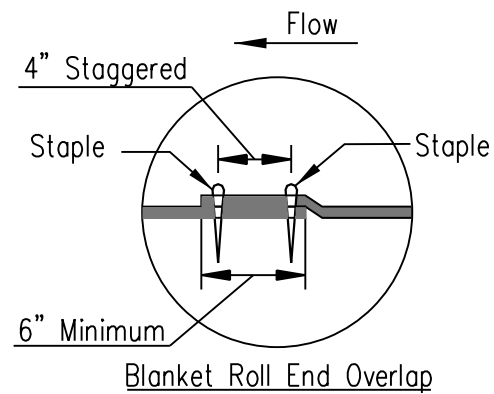
ILLINOIS FED. AID PROJECT



DETAIL 1

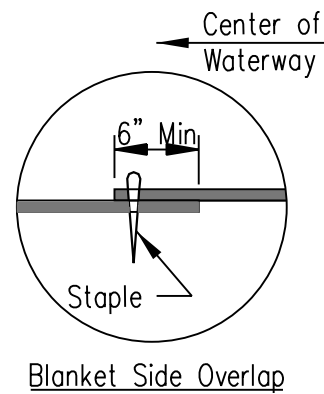
NOTES:

1. The erosion control blanket shall consist of a machine produced mat of curled wood orcoconut fibers, shall have an expected material life of a least 12 months, shall be new and unused, shall be furnished in rolls, and shall meet the minimum requirements stated in the project Special Provisions. Alternative material may be used as long as the expected material life is at least 12 months.3. Prepare soil prior to installing erosion control blanket, including seeding, fertilizing, andlime application.4. The erosion control blanket shall be placed in firm contact with the soil and not beallowed to bridge over surface irregularities. The blanket shall not be stretched. 5. Start laying the blankets by rolling center blanket in the direction of flow, centered on the centerline of waterway. There shall not be an overlap of blankets at the center ofthe waterway.6. The erosion control blanket shall be anchored, overlapped, and stapled according tomanufacturer's instructions. If no manufacturer's instructions are available, install theblanket as follows: a. Staples shall be "U" shaped, 0.12 in diameter wire or greater (#11 gauge). See Staple Detail for dimensions. b. Bury upstream end of blanket in a trench 6 inch wide by 6 inch deep and stapled in staggered rows across the width as shown in Detail 1. c. For joining ends of rolls, overlap end of upslope blanket a minimum of 6 inches over downslope blanket (shingle style). Use a double row of staggered staples 4 inches apart, as shown in Detail 2. d. Blankets on side slopes shall overlap a minimum 6 inches over the blanket below (shingle style). Staple overlap at 12 inch intervals. See Detail 3. e. The outer edge along sides of the blanket shall be stapled every 12 inches. See Detail 4. f. Staples are to be placed alternately in columns (in the direction of the waterway) 2 feet apart and in rows (across the waterway) 3 feet apart, throughout the area covered by erosion blanket. g. Downstream (terminal) end of blanket shall be stapled with a double row of staggered staples 12 inches apart. See Detail 5.



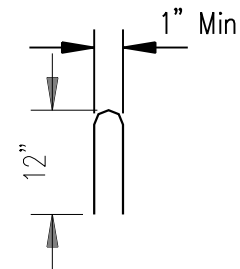
Blanket Roll End Overlap

DETAIL 2

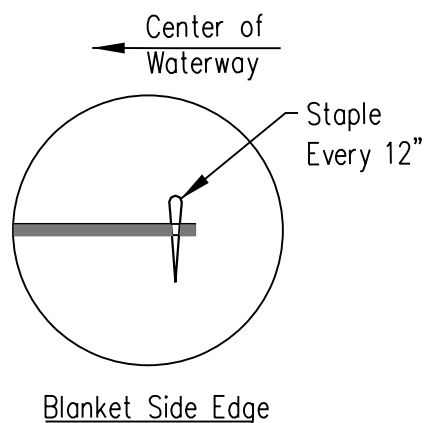


Blanket Side Overlap

DETAIL 3

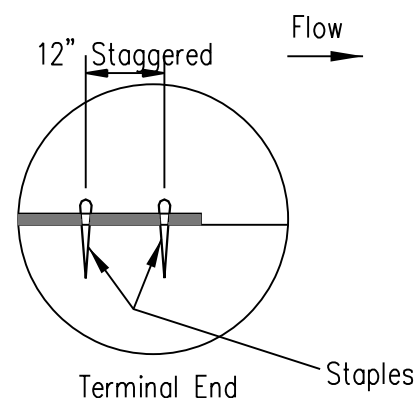


STAPLE DETAIL



Blanket Side Edge

DETAIL 4



Terminal End

DETAIL 5

Not To Scale

**EROSION BLANKET
INSTALLATION DETAILS**



File No. IL ENG-61
Drawing No.
Page 1 of 1
Sheet of

FILE NAME = \\A\994-010_KDOT_LVP_Sections_B\CADD_SHEETS\Section_B2\20131894_SHT_EROSION_DETAILS.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

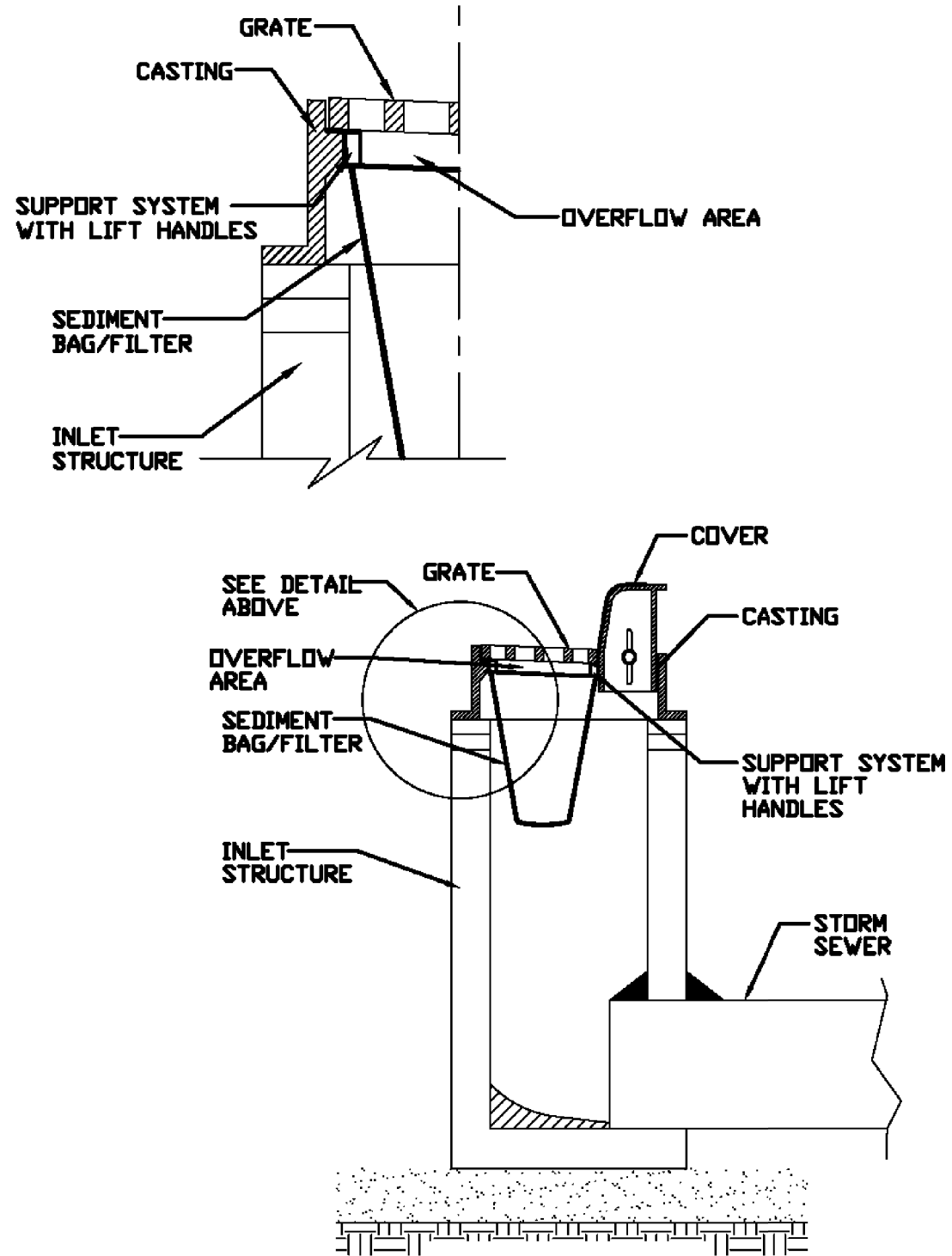
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| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 2.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
EROSION AND SEDIMENT CONTROL DETAILS**
SCALE: N.T.S. SHEET 203 OF 611 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 203 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION

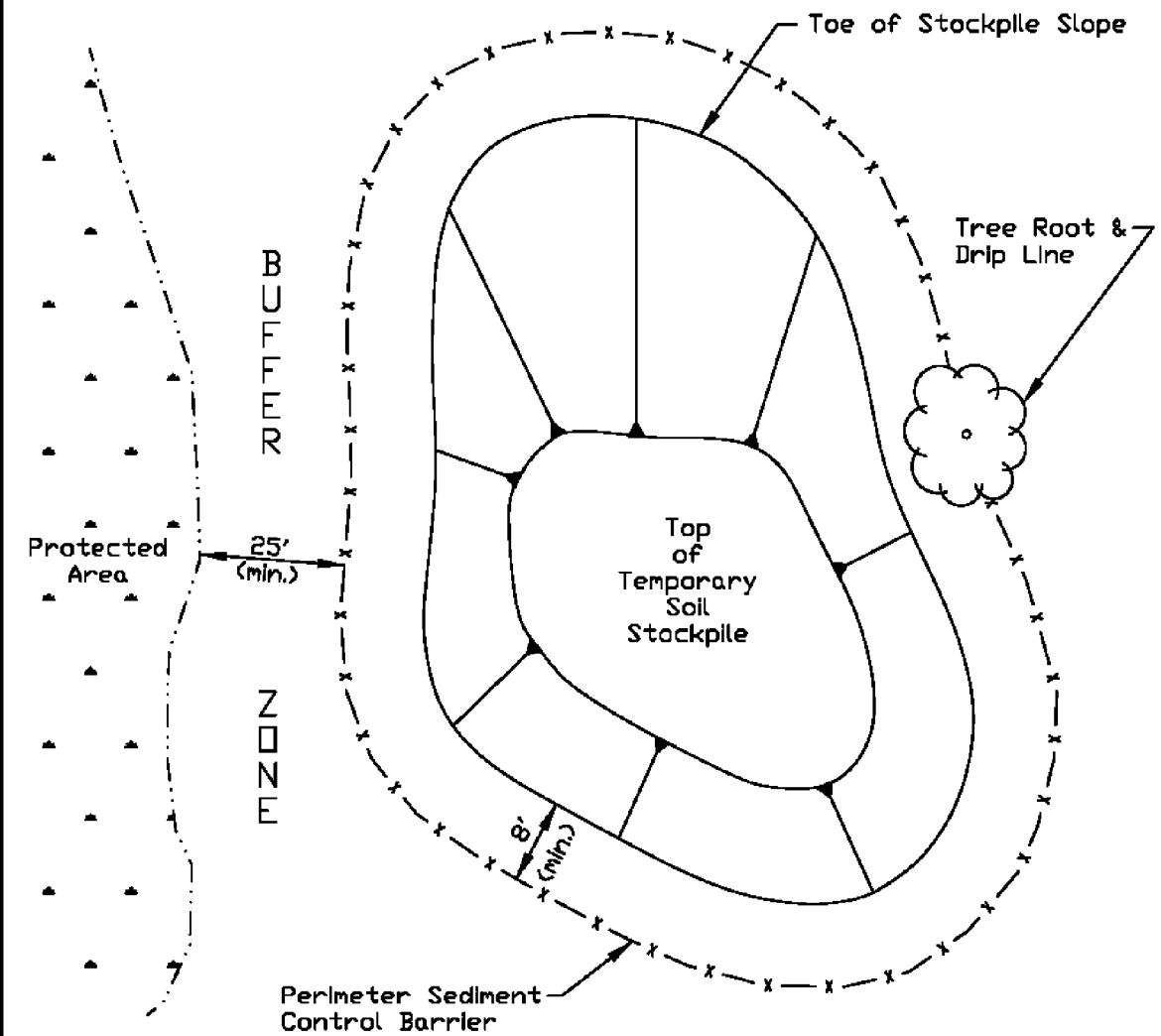


REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____



STANDARD DWG. NO.
IUM-561D
 SHEET 1 OF 1
 DATE 01-11-11

TEMPORARY SOIL STOCKPILE DETAIL



NOTES:

1. Stockpile slopes should be based on angle of repose of the soil material to avoid potential sloughing of the slope.
2. Soil stockpile to be stabilized in accordance with practical standards.
3. Do not locate stockpile within overland drainage flow path, designated floodways, drip line or over the root crown of adjacent trees.
4. Provisions for sediment control practices may be required along haul roads and entrance/exit locations for access the soil stockpile that can create flow path for stormwater runoff.
5. Installation of benches, terraces, or slope interrupters should be considered.
6. Avoid building soil stockpiles on impervious surfaces.
7. Linear sediment trap surrounding the stockpile base may be used to control sediment.

REFERENCE
 Project _____
 Designed _____ Date _____
 Checked _____ Date _____
 Approved _____ Date _____

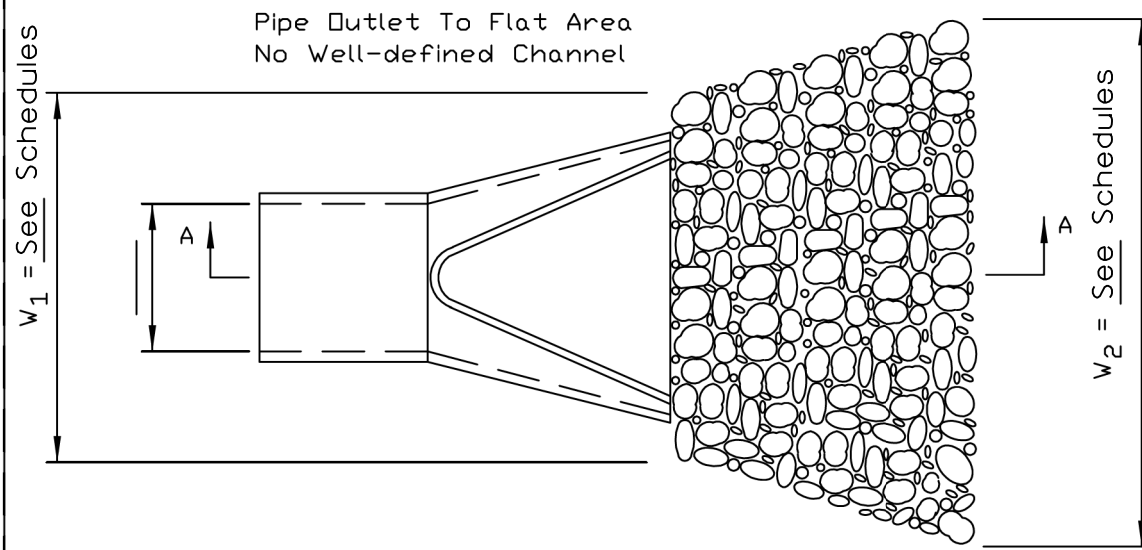


STANDARD DWG. NO.
IUM-XXX
 SHEET 1 OF 1
 DATE XX-XX-XXXX

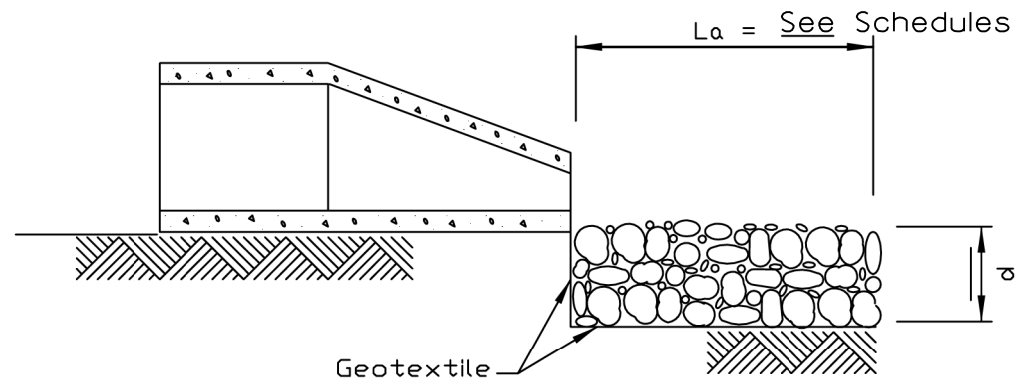
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| | | |
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| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 2.0000' / 1" | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

PIPE OUTLET TO FLAT AREA



PLAN



SECTION A-A

NOTES:

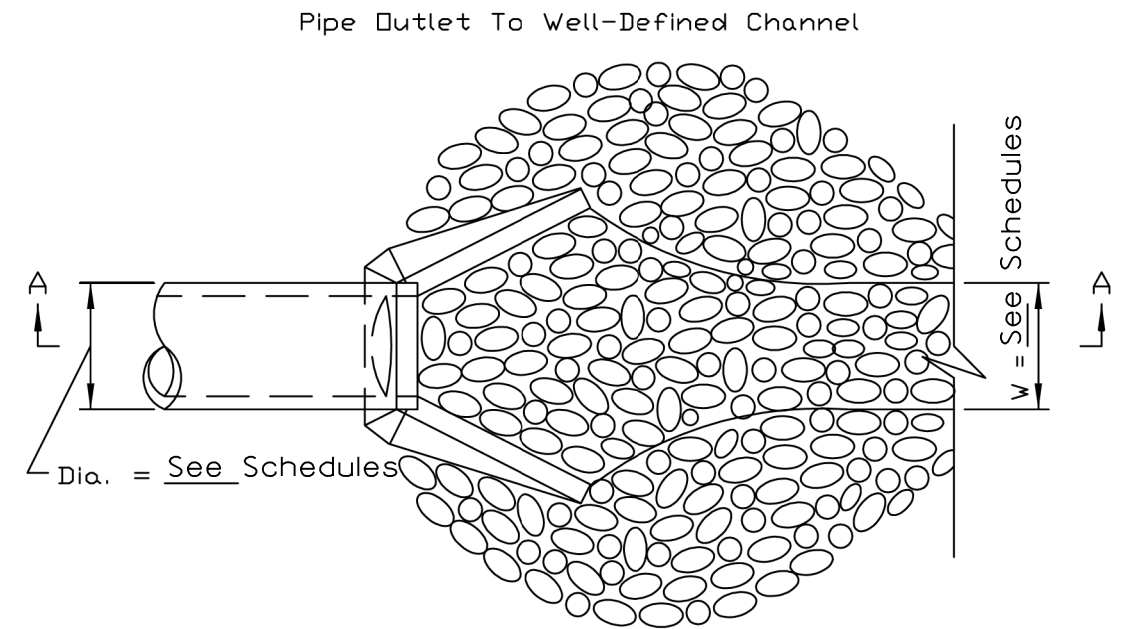
1. The filter fabric shall meet the requirements of material specification 1080.03.
2. The rock riprap shall meet IDOT RR-5, Quality Designation A.
3. The riprap shall be placed according to Article 281.04.

| | |
|-----------|------------------|
| REFERENCE | Project _____ |
| Designed | _____ Date _____ |
| Checked | _____ Date _____ |
| Approved | _____ Date _____ |

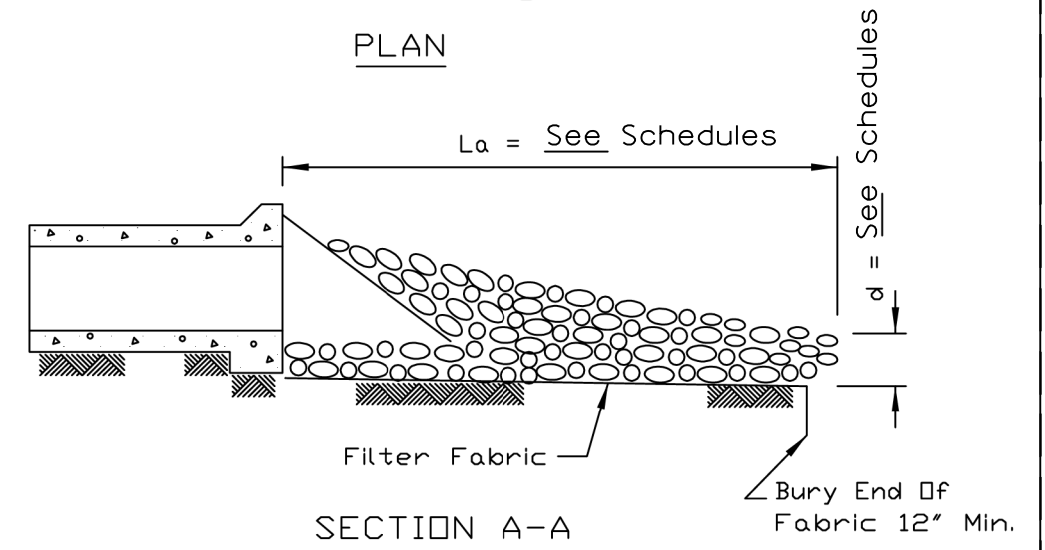


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|-------------------|---------|
| STANDARD DWG. NO. | IL-610 |
| SHEET | 1 OF 1 |
| DATE | 9-15-93 |

PIPE OUTLET TO CHANNEL



PLAN



SECTION A-A

NOTES:

1. The filter fabric shall meet the requirements of material specification 1080.03.
2. The rock riprap shall meet IDOT RR-5, Quality Designation A.
3. The riprap shall be placed according to Article 281.04.

| | |
|-----------|------------------|
| REFERENCE | Project _____ |
| Designed | _____ Date _____ |
| Checked | _____ Date _____ |
| Approved | _____ Date _____ |



| | |
|-------------------|---------|
| STANDARD DWG. NO. | IL-611 |
| SHEET | 1 OF 1 |
| DATE | 8-18-94 |

FILE NAME = MA894-010_KDOT_LVP_Sections_B\CADD_SHEETS\Section_B2\20131894_SHT_EROSION_DETAILS.dgn



| | | |
|----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 2.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

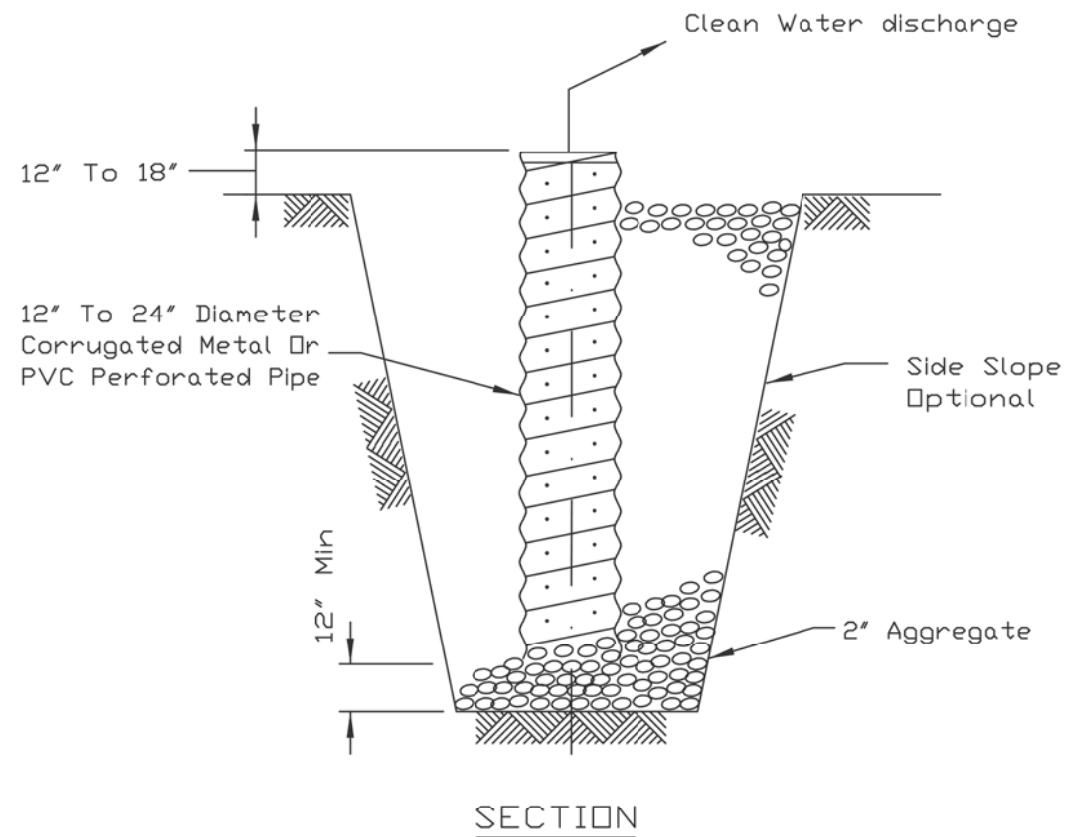
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
EROSION AND SEDIMENT CONTROL DETAILS**

SCALE: N.T.S. SHEET 205 OF 611 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 205 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SUMP PIT PLAN

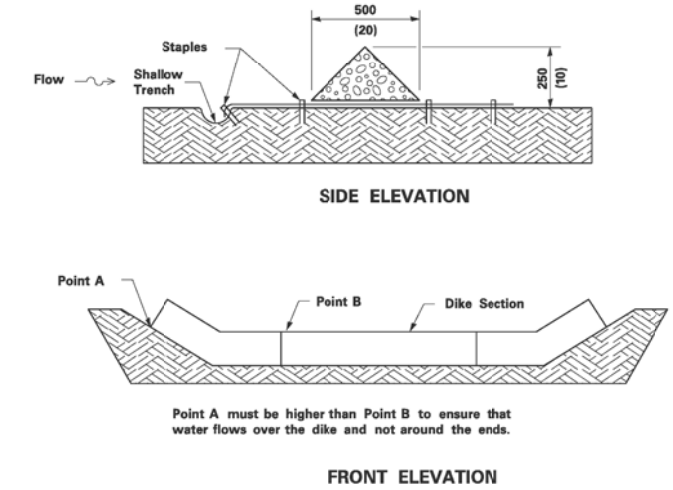
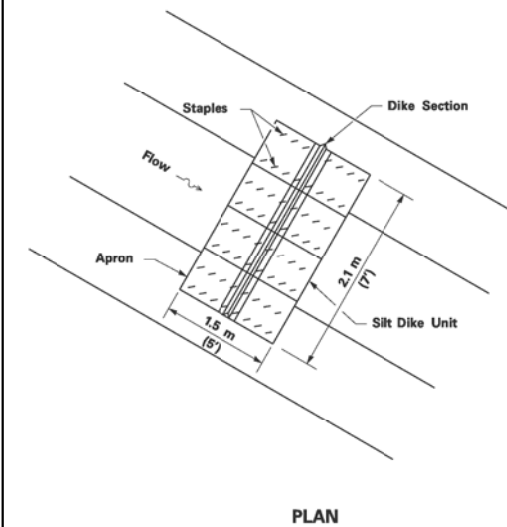


- NOTES:
1. Pit dimensions are optional.
 2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
 3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
 4. The standpipe will extend 12" to 18" above the lip of the pit.
 5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
 6. If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

| | |
|-----------|------------------|
| REFERENCE | Project _____ |
| Designed | _____ Date _____ |
| Checked | _____ Date _____ |
| Approved | _____ Date _____ |



STANDARD DWG. NO.
IL-650
SHEET 1 OF 1
DATE 8-11-94



URETHANE FOAM/GEOTEXTILE DITCH CHECK

TEMPORARY DITCH CHECK DETAIL

FILE NAME = \\NA\94-010\KDOT_LWP_Section\B\CADD_SHEETS\Section B2\20131894_SHT_EROSION_DETAILS.dgn



| | | |
|----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 2.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

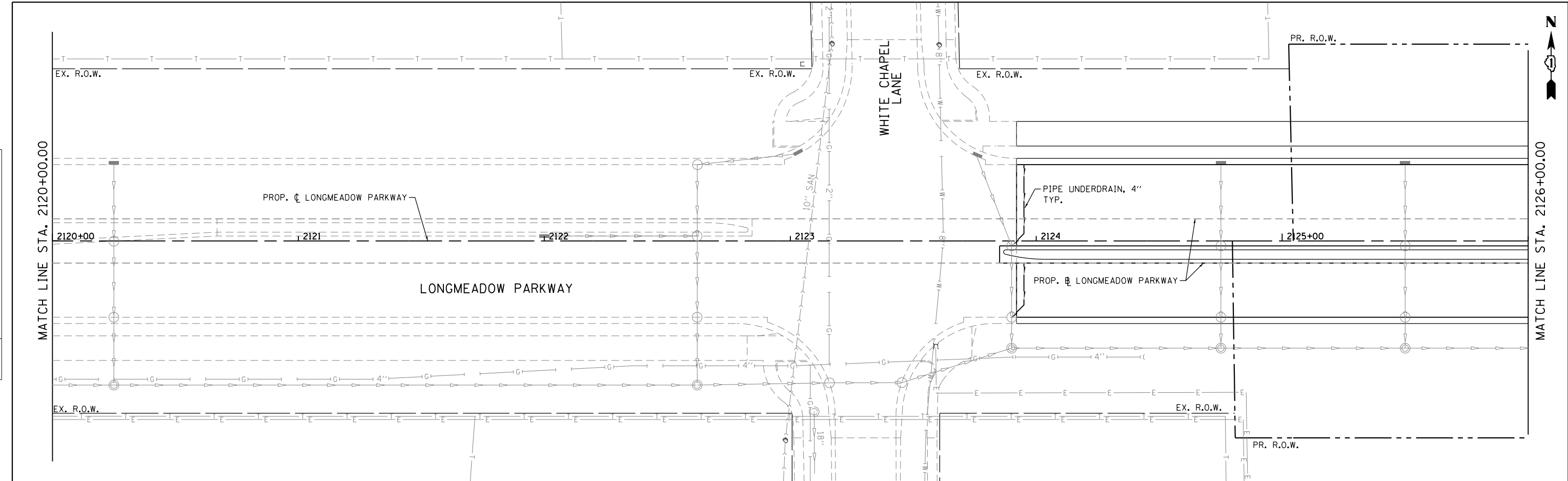
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | |
|--------------------------------------|--------------------------------------|
| LONGMEADOW PARKWAY | |
| EROSION AND SEDIMENT CONTROL DETAILS | |
| SCALE: N.T.S. | SHEET 206 OF 611 SHEETS STA. TO STA. |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 206 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

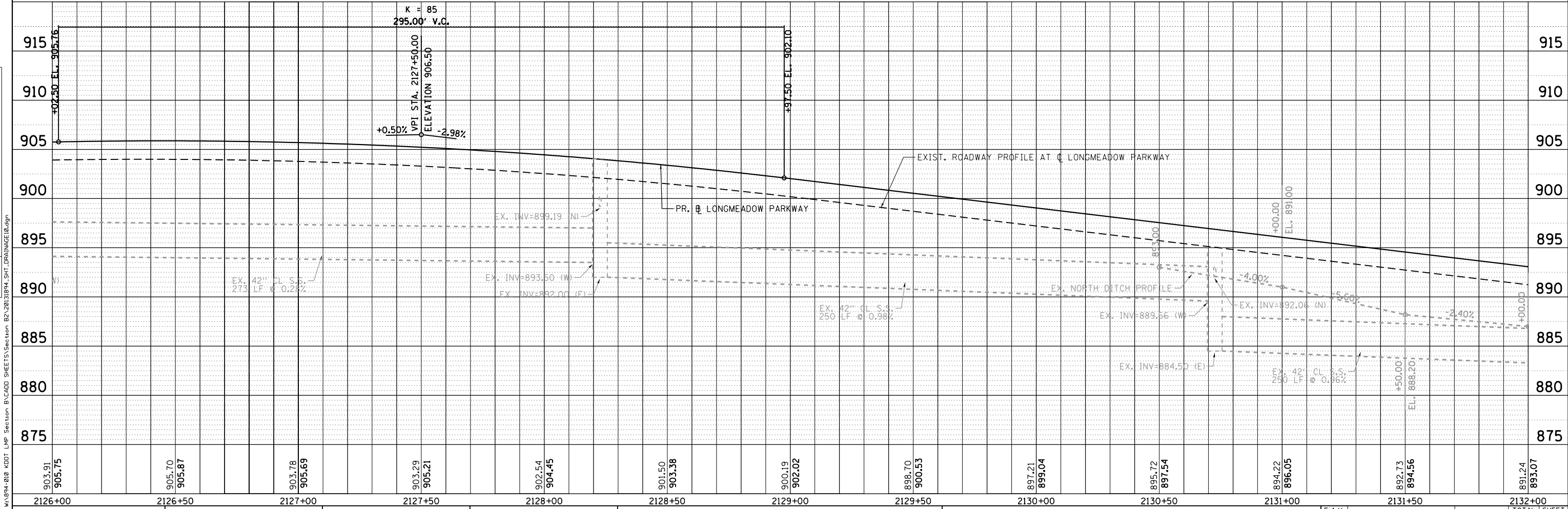
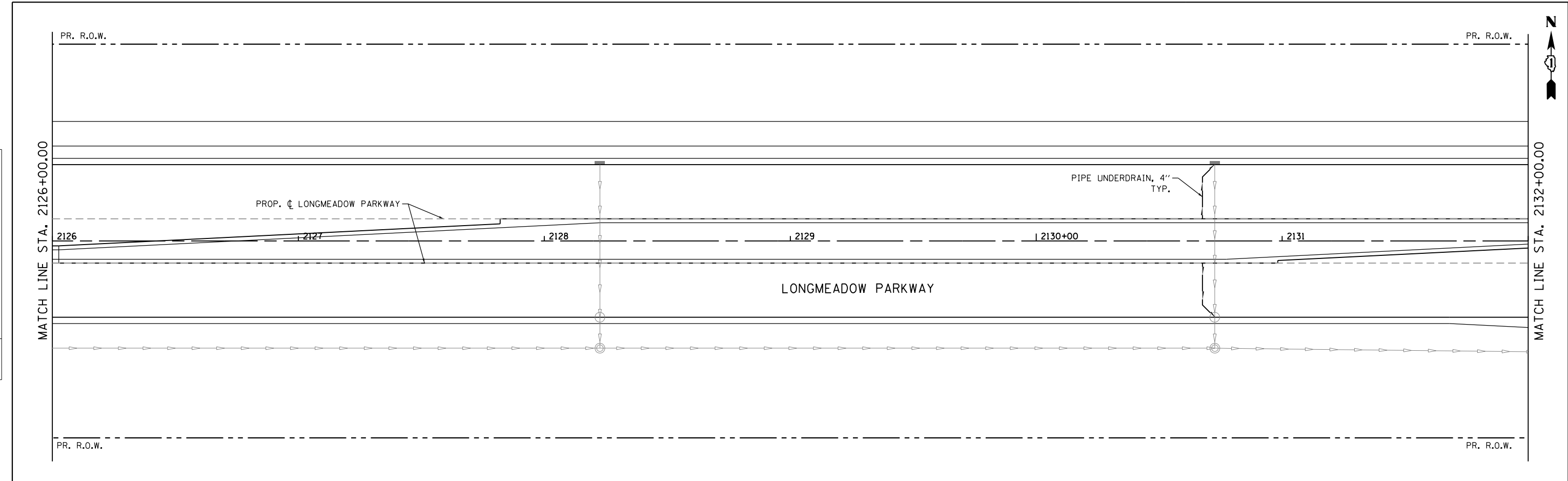
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| | PLOTTED | |
| | GRADES CHECKED | |
| | ALIGNMENT CHECKED | |
| | STRUCTURE NOTATIONS OK'D | |
| | ROAD FILE NAME | |
| | NO. | |

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| | ROAD FILE NAME | |
| | NO. | |



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| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
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| | GRADES CHECKED | | |
| | ALIGNMENT CHECKED | | |
| | STRUCTURE NOTED | | |
| | ROAD FILE NAME | | |
| | NO. | | |



Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

USER NAME = gellwanger
DESIGNED - GJE
DRAWN - GJE
CHECKED - DBB
DATE - 08/07/2017

REVISIED -
REVISIED -
REVISIED -
REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

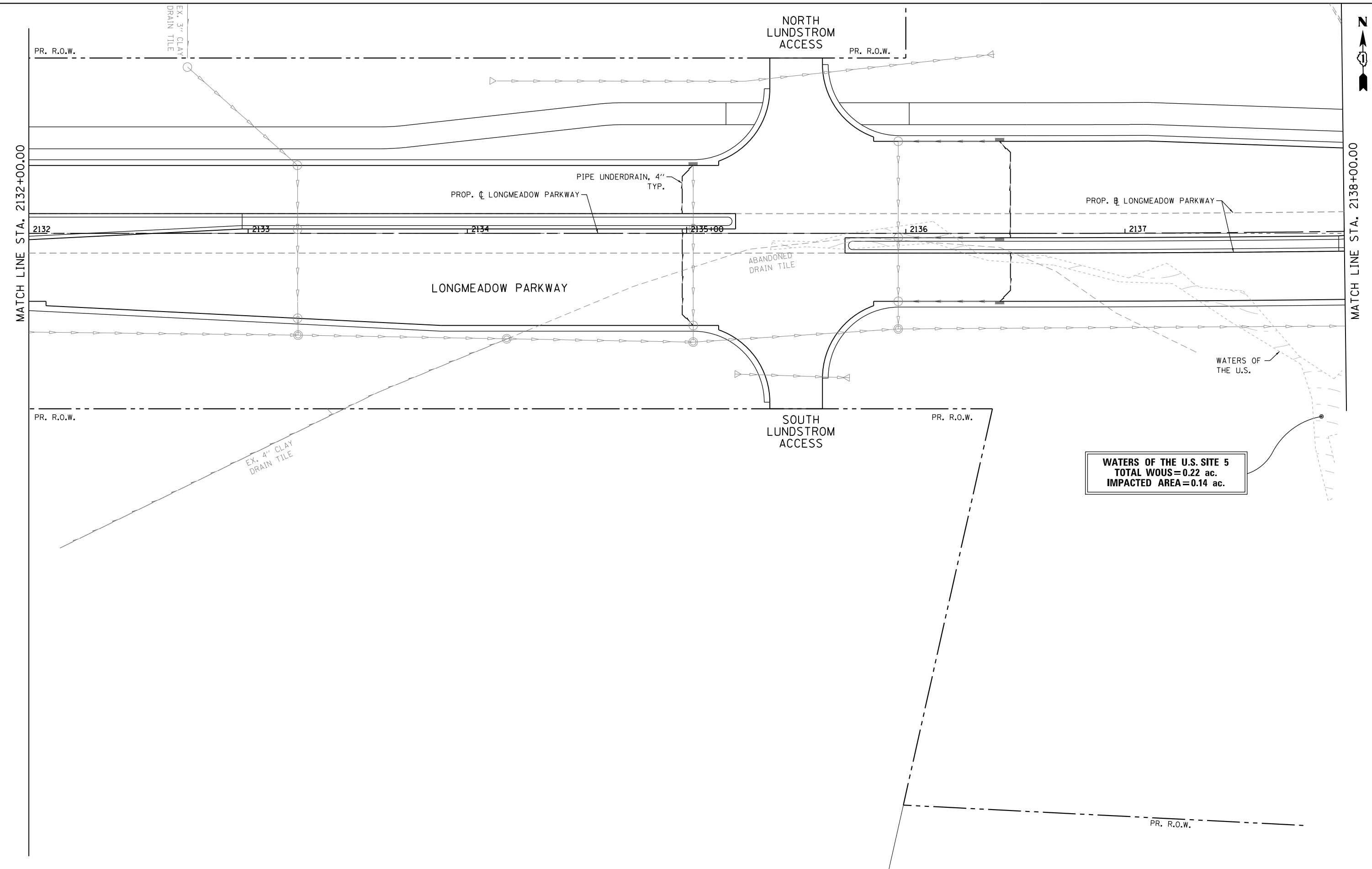
LONGMEADOW PARKWAY
DRAINAGE AND UTILITY

SCALE: 1"=20'
SHEET 208 OF 611 SHEETS
STA. 2126+00.00 TO STA. 2132+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 208 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = W:\894-018-KDOT-LMP-Section-B\CADD-SHEETS\Section-B2\20131894-SHT.DRAINAGE18.dgn

FILE NAME = MA\94-010 KDOT LVP Section B\CADD SHEETS\Section B2\20131894_SHT_DRAINAGE1.dgn



WATERS OF THE U.S. SITE 5
TOTAL WOUS=0.22 ac.
IMPACTED AREA=0.14 ac.

| | | | |
|---|-----------------------------|-------------------|-----------|
| <p>Bollinger, Lach & Associates, Inc. ITASCA, ILLINOIS</p> | USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| | PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| | PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

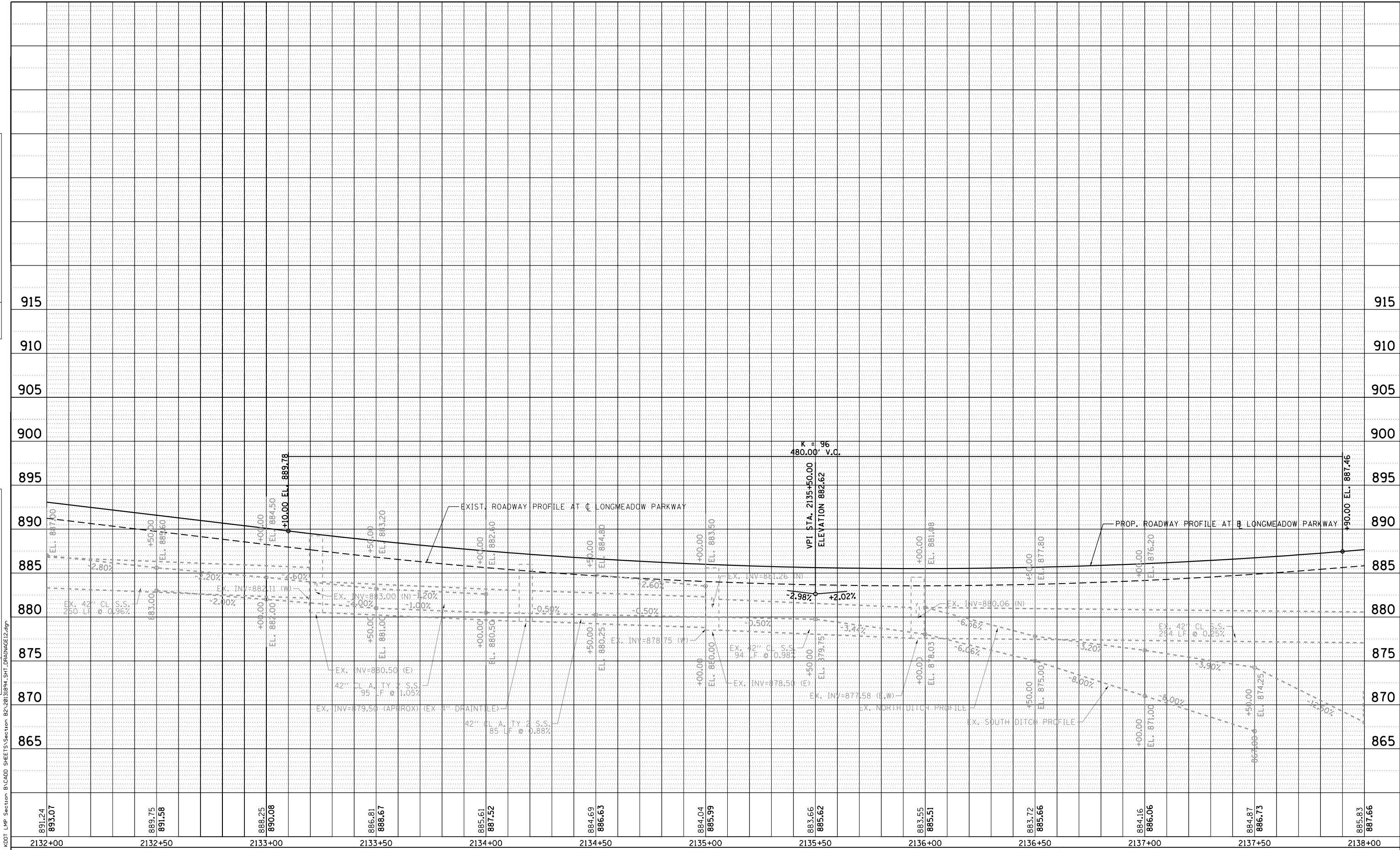
LONGMEADOW PARKWAY
DRAINAGE AND UTILITY

SCALE: 1"=20' SHEET 209 OF 611 SHEETS STA. 2132+00.00 TO STA. 2138+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 209 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| PLAN | SURVEYED | DATE |
| NO. | FILE NAME | |
| | NOTED | |
| | CHECKED | |
| | BY | |

| | | |
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| PROFILE | SURVEYED | DATE |
| NO. | FILE NAME | |
| | NOTED | |
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| | BY | |



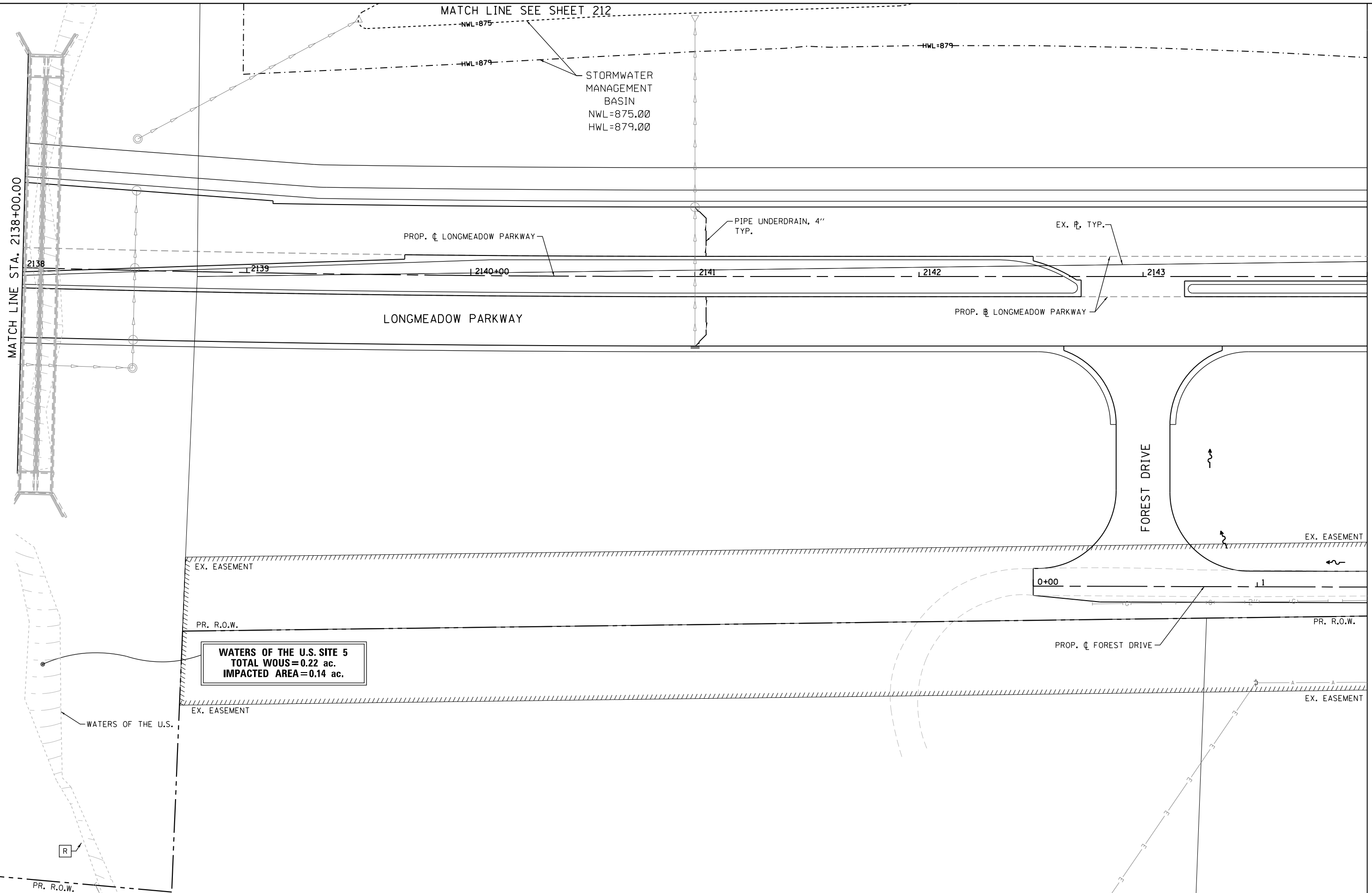
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| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|--|-------------------------|
| LONGMEADOW PARKWAY DRAINAGE AND UTILITY | |
| SCALE: 1"=20' | SHEET 210 OF 611 SHEETS |
| STA. 2132+00.00 TO STA. 2138+00.00 | |

| | | | | |
|---------------------------|------------------------|-------------|------------------|---------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 210 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = MA894-010 KDDT LWP Section B\CADD SHEETS\Section B2\20131894_SHT_DRAINAGE13.dgn



WATERS OF THE U.S. SITE 5
TOTAL WOUS=0.22 ac.
IMPACTED AREA=0.14 ac.

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
DRAINAGE AND UTILITY

SCALE: 1"=20' SHEET 211 OF 611 SHEETS STA. 2138+00.00 TO STA. 2144+00.00

| | | | | |
|---------------------------|------------------------|-------------|------------------|---------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 211 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

MATCH LINE STA. 2144+00.00





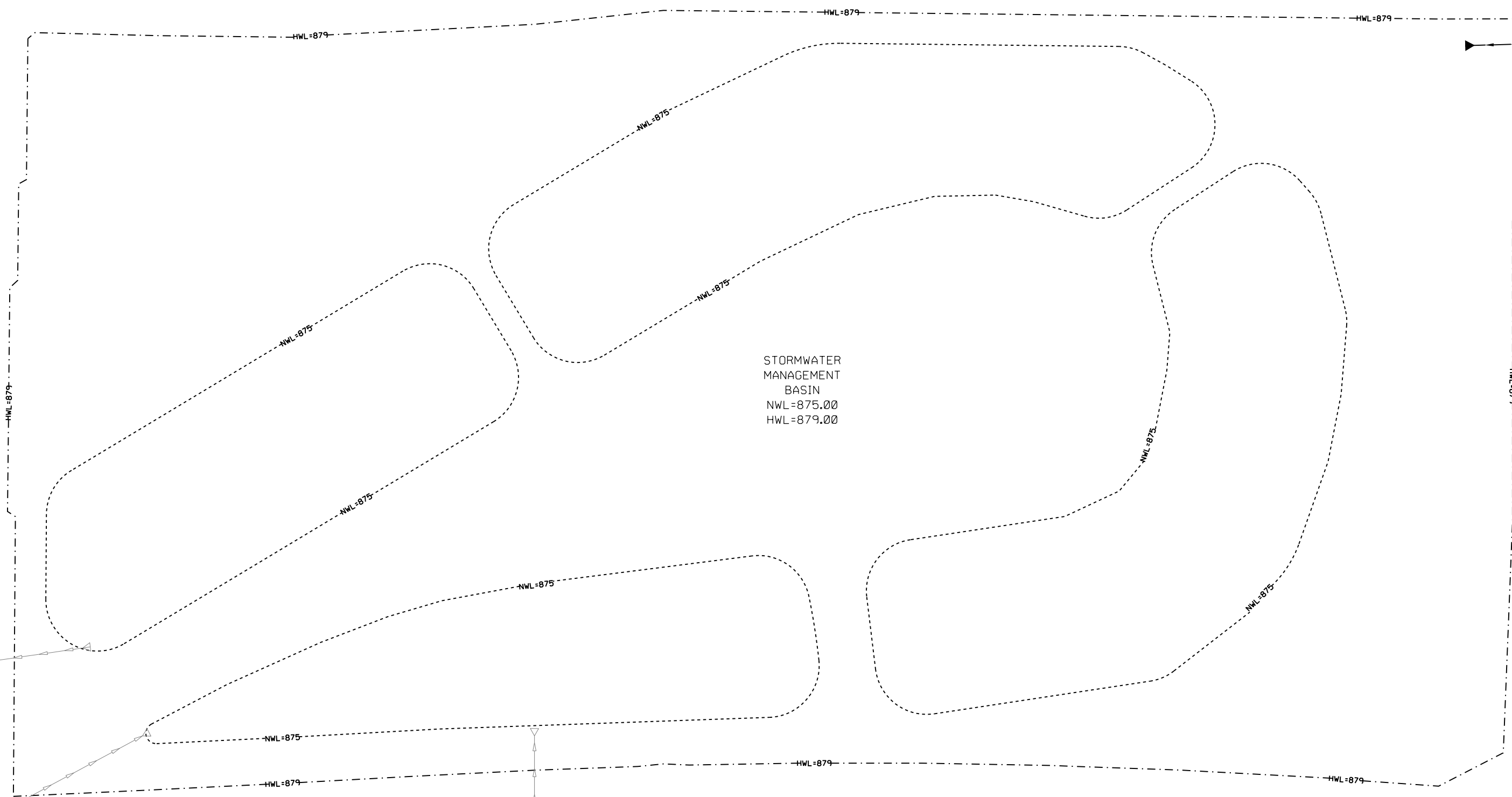
PR. R.O.W.

PR. R.O.W.

PR. R.O.W.

PR. R.O.W.

FILE NAME = \\A:\94-010\KDOT\LMP\Section B2\20131894_SHT_DRAINAGE1.dgn



STORMWATER
MANAGEMENT
BASIN
NWL=875.00
HWL=879.00

MATCH LINE SEE SHEET 211



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

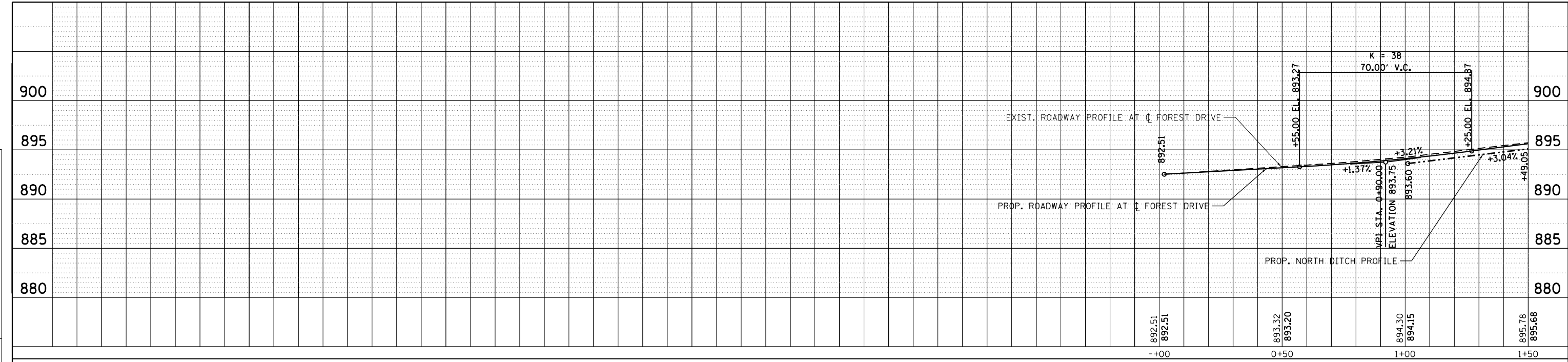
LONGMEADOW PARKWAY
DRAINAGE AND UTILITY

SCALE: 1"=20' SHEET 212 OF 611 SHEETS STA. TO STA.

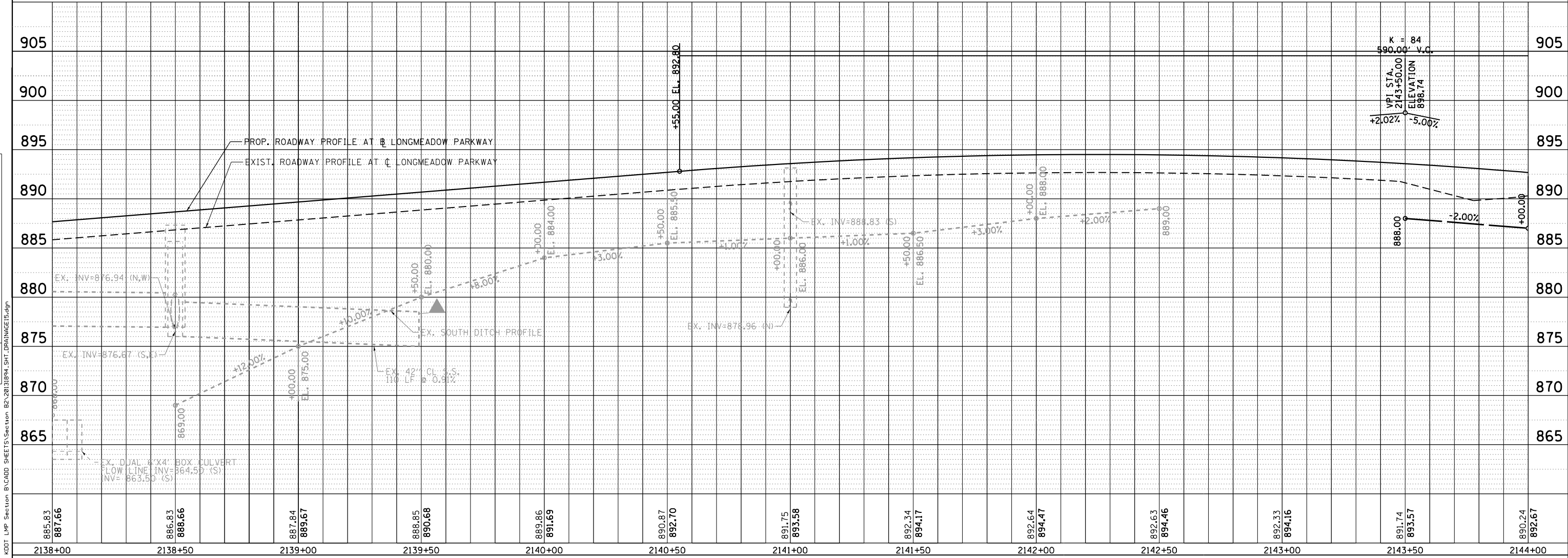
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 212 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | | |
|------|----------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | ALIGNED | | |
| | NOTED | | |
| | CHECKED | | |
| | FILED | | |
| | NO. | | |

| | | | |
|---------|-----------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | GRADES | | |
| | CHECKED | | |
| | STRUCTURE | | |
| | NOTED | | |
| | FILED | | |
| | NO. | | |



FOREST DRIVE



LONGMEADOW PARKWAY



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | |
|---|-------------------------|------------------------------------|
| LONGMEADOW PARKWAY & FOREST DRIVE DRAINAGE AND UTILITY | | |
| SCALE: 1"=20' | SHEET 213 OF 611 SHEETS | STA. 2138+00.00 TO STA. 2144+00.00 |

| | | | | |
|---------------------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 213 |
| | | | | CONTRACT NO. 61E05 |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = WA-894-010-KDOT-LMP-Section-B\CADD-SHEETS\Section-B2-20131894-SHT-DRAINAGE15.dgn



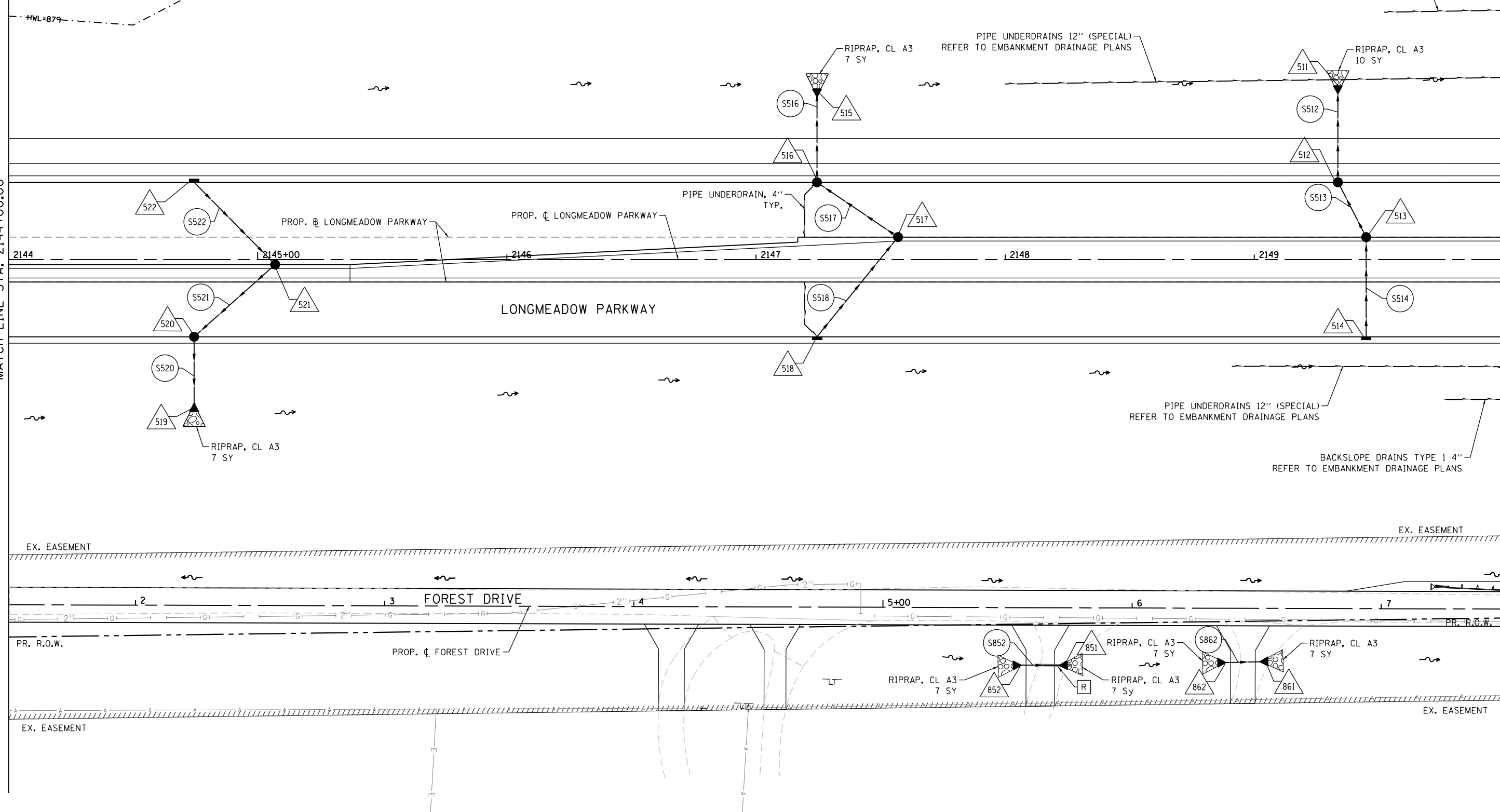
STORMWATER
MANAGEMENT
BASIN
NWL=875.00
HWL=879.00

BACKSLOPE DRAINS TYPE 1 4"
REFER TO EMBANKMENT DRAINAGE PLANS

PIPE UNDERDRAINS 12" (SPECIAL)
REFER TO EMBANKMENT DRAINAGE PLANS

MATCH LINE STA. 2144+00.00

MATCH LINE STA. 2150+00.00



FILE NAME = \\A\94-010\KDOT_LWP_Section B\CADD_SHEETS\Section B2\20131894_SHT_DRAINAGE16.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| DRAWN - GJE | REVISED - | |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
DRAINAGE AND UTILITY

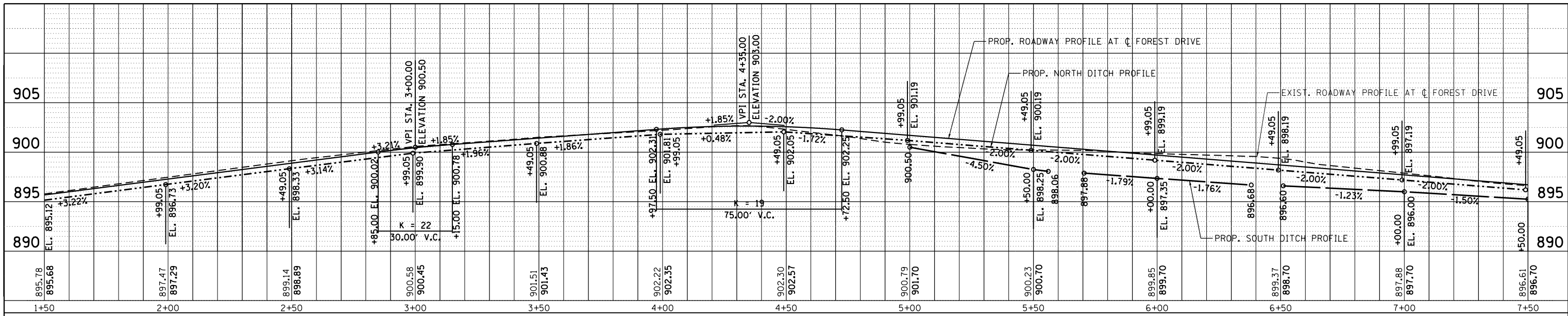
SCALE: 1"=20' SHEET 214 OF 611 SHEETS STA. 2144+00.00 TO STA. 2150+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 214 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

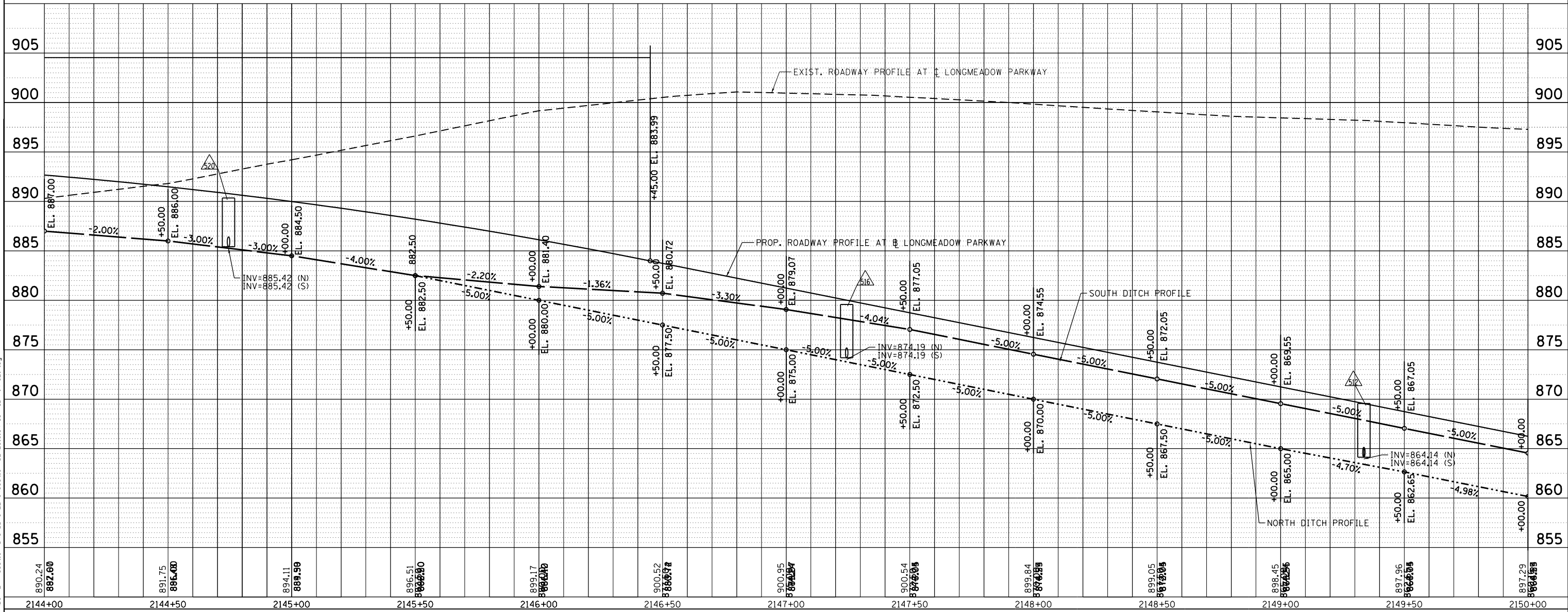
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|------|-----------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | ALIGNED | | |
| | CHECKED | | |
| | NO. _____ | | |
| | FILE NAME | | |

| | | | |
|---------|-----------------------------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | STRUCTURE NOTATIONS CHECKED | | |
| | NO. _____ | | |
| | FILE NAME | | |

FILE NAME = W:\894-010\KDOT_LMP_Section_B\CADD_SHEETS\Section_B2-20\31894_SHT.DRAINAGE17.dgn



FOREST DRIVE



LONGMEADOW PARKWAY



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

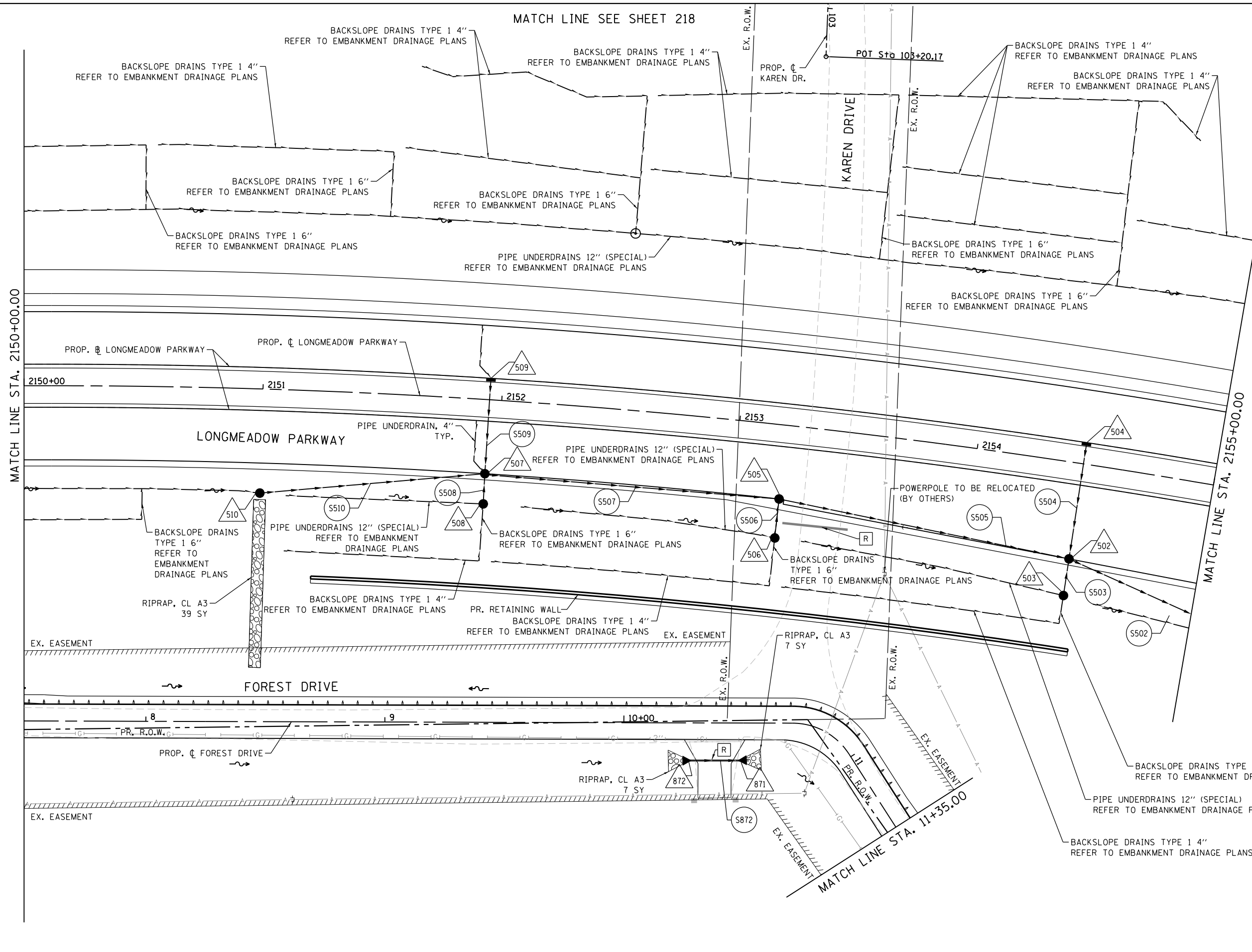
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY & FOREST DRIVE
DRAINAGE AND UTILITY
SCALE: 1"=20' SHEET 215 OF 611 SHEETS STA. 2144+00.00 TO STA. 2150+00.00

| | | | | |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 215 |
| CONTRACT NO. 61E05 | | | | ILLINOIS FED. AID PROJECT |



MATCH LINE SEE SHEET 218



FILE NAME = WA994-010 KDDT LMP Section B\CADD SHEETS\Section B2\20131894_SHT_DRAINAGE1.dwg

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

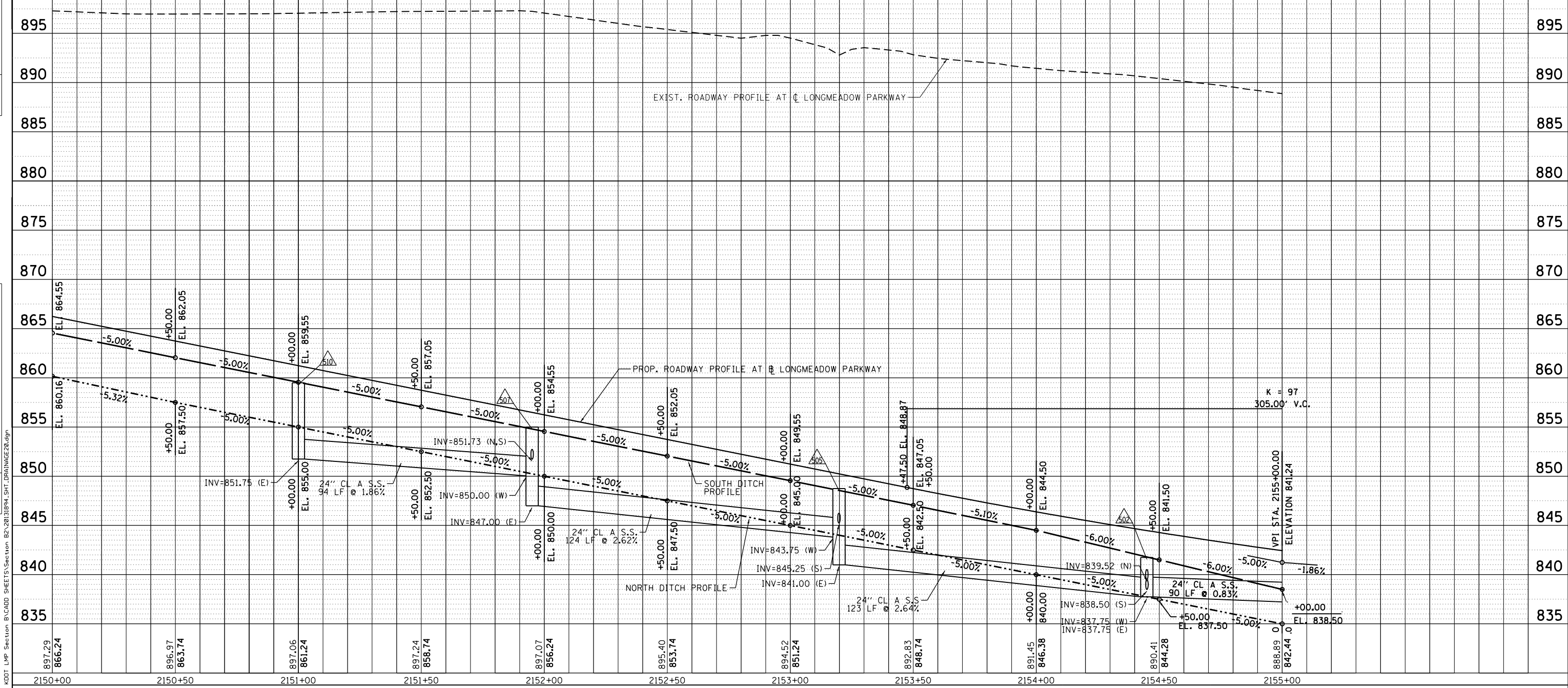
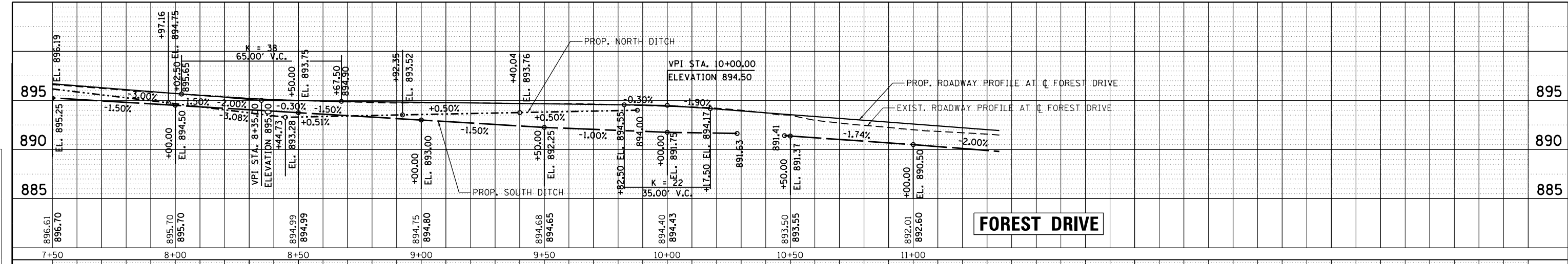
**LONGMEADOW PARKWAY
DRAINAGE AND UTILITY**

SCALE: 1"=20' SHEET 216 OF 611 SHEETS STA. 2150+00.00 TO STA. 2155+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 216 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | |
|------|-----------------------------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS CHECKED | |
| | NOTE BOOK NO. | |
| | CADD FILE NAME | |

| | | |
|---------|-----------------------------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS CHECKED | |
| | NOTE BOOK NO. | |
| | CADD FILE NAME | |



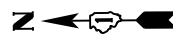
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|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

LONGMEADOW PARKWAY

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

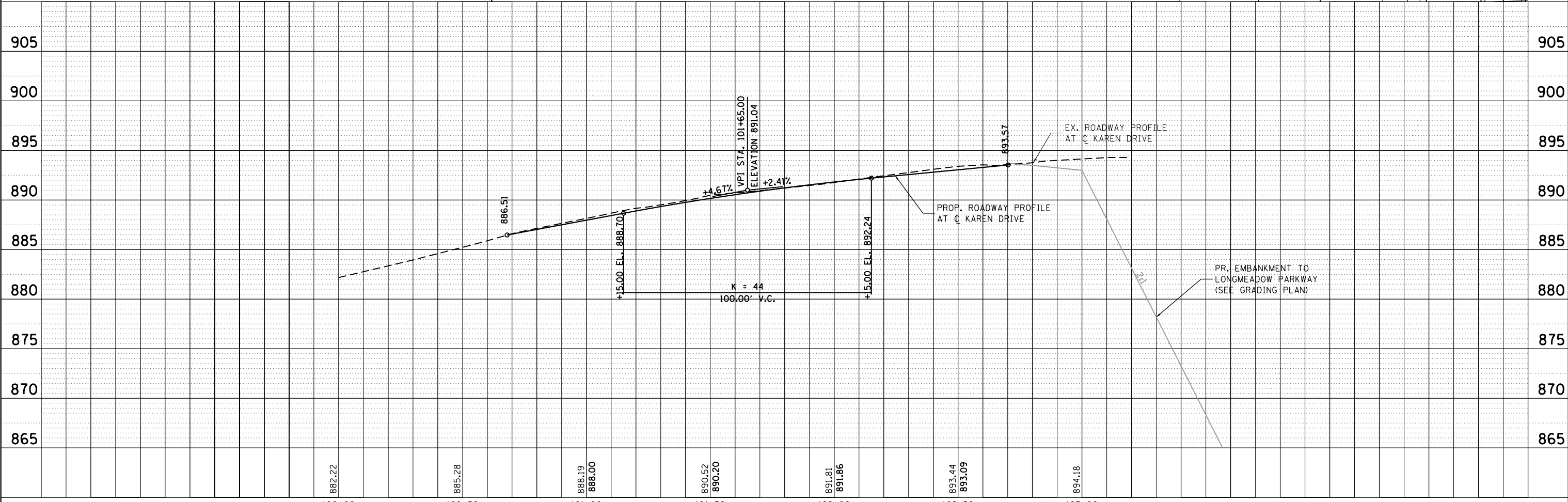
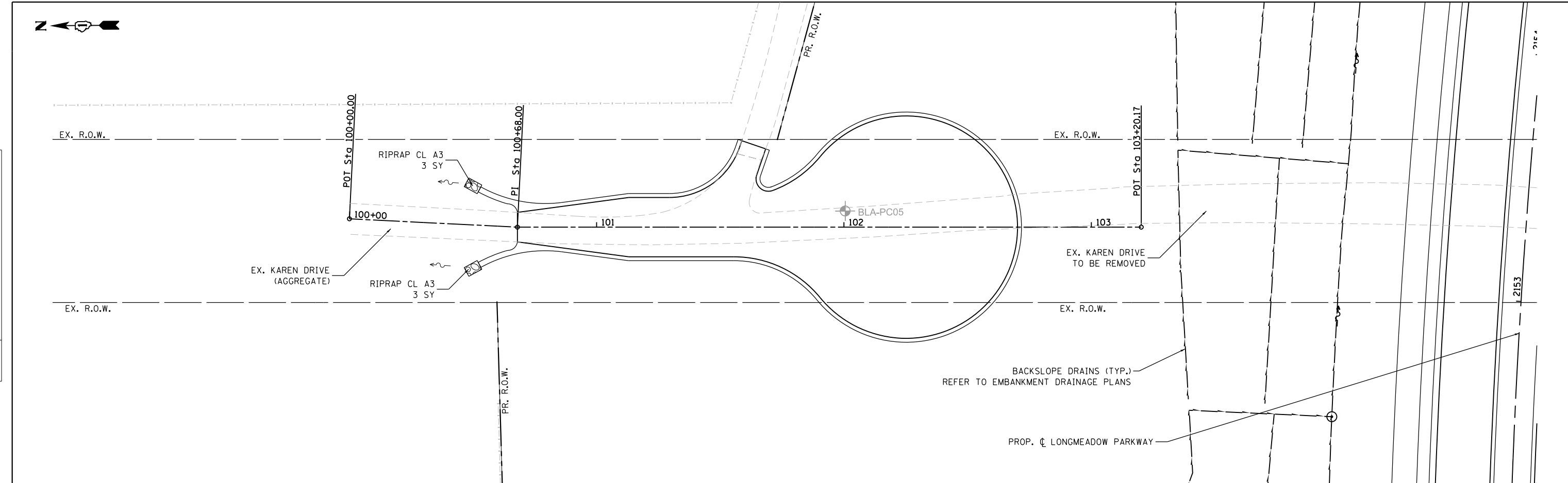
| | |
|--|-------------------------|
| LONGMEADOW PARKWAY & FOREST DRIVE | |
| DRAINAGE AND UTILITY | |
| SCALE: 1"=20' | SHEET 217 OF 611 SHEETS |
| STA. 2150+00.00 TO STA. 2155+00.00 | |

| | | | | |
|---------------------------|------------------------|-------------|------------------|--------------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 217 |
| ILLINOIS FED. AID PROJECT | | | | CONTRACT NO. 61E05 |



| | | |
|---------------|----------------|------|
| PLAN | SURVEYED | DATE |
| NOTE BOOK NO. | PLOTTED | BY |
| | CHECKED | |
| | ALIGNED | |
| | CADD FILE NAME | |

| | | |
|---------------|--------------------------|------|
| PROFILE | SURVEYED | DATE |
| NOTE BOOK NO. | GRADES CHECKED | BY |
| | STRUCTURE NOTATIONS OK'D | |
| | NOT AT THIS OFFICE | |



Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**KAREN DRIVE
DRAINAGE AND UTILITY**

SCALE: 1"=20' SHEET 218 OF 611 SHEETS STA. 100+68.00 TO STA. 102+70.17

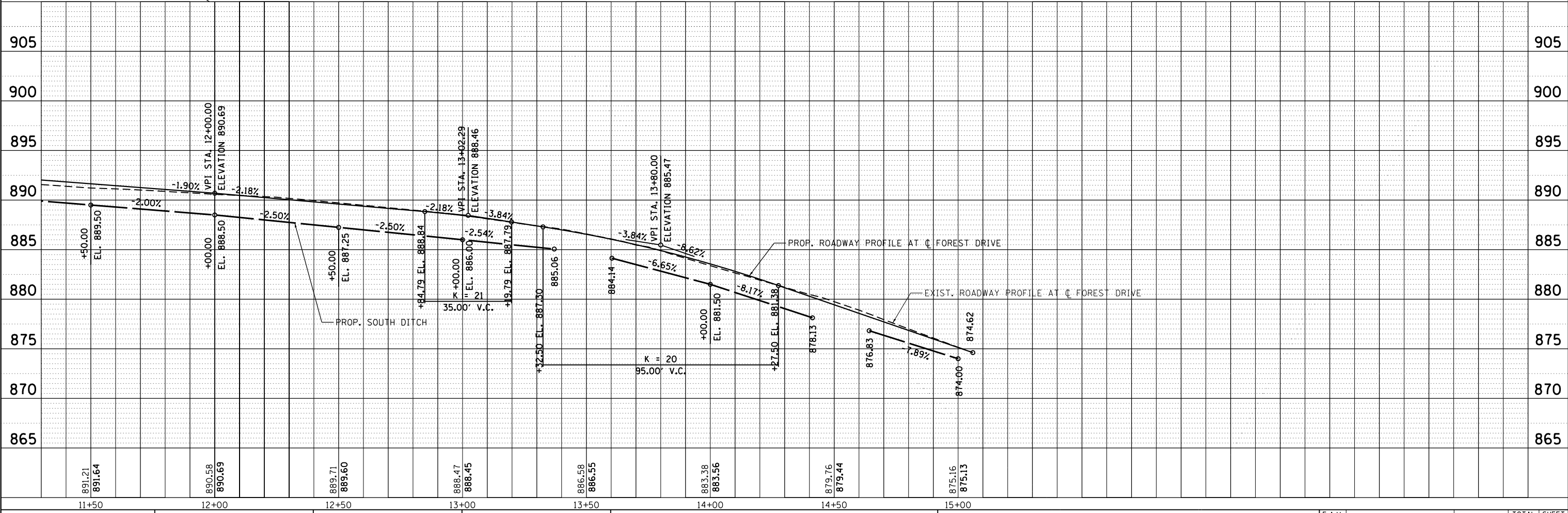
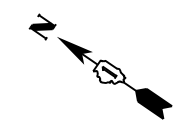
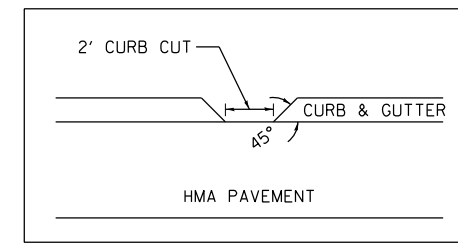
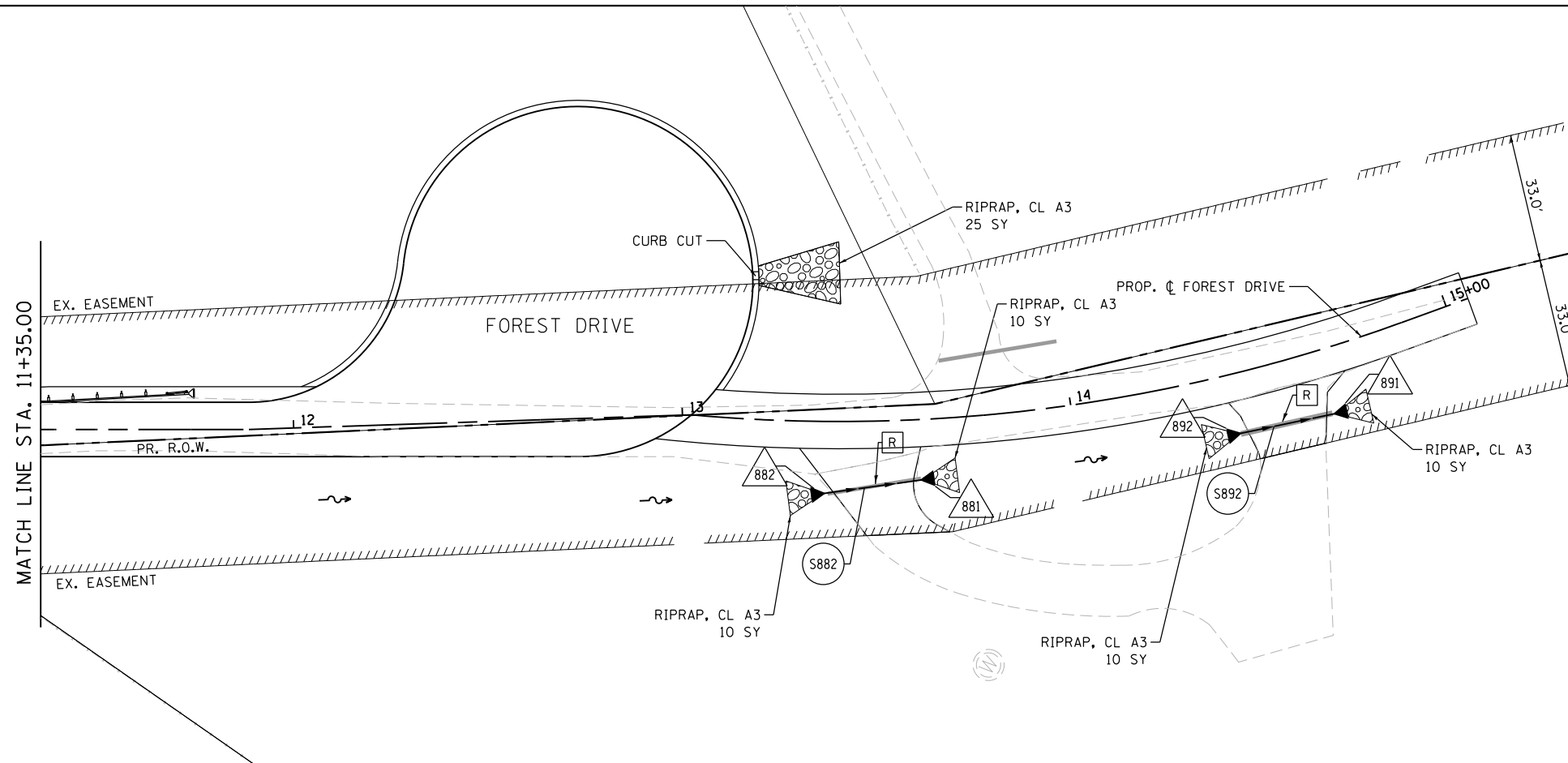
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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 218 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = W:\94-010\KDOT LMP Section B\CADD SHEETS\Section B2\201894_SHT.DRAINAGE19.dgn

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| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | ALIGNED | |
| | FILED | |
| | NO. _____ | |
| | FILE NAME _____ | |

| | | |
|---------|-----------------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | GRADES | |
| | STRUCTURE | |
| | NOTATIONS | |
| | CHFD | |
| | NO. _____ | |
| | FILE NAME _____ | |

FILE NAME = W:\94-010\KDOT LMP Section B\CADD SHEETS\Section B2\201894_SHT.DRAINAGE20b.dgn



B Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

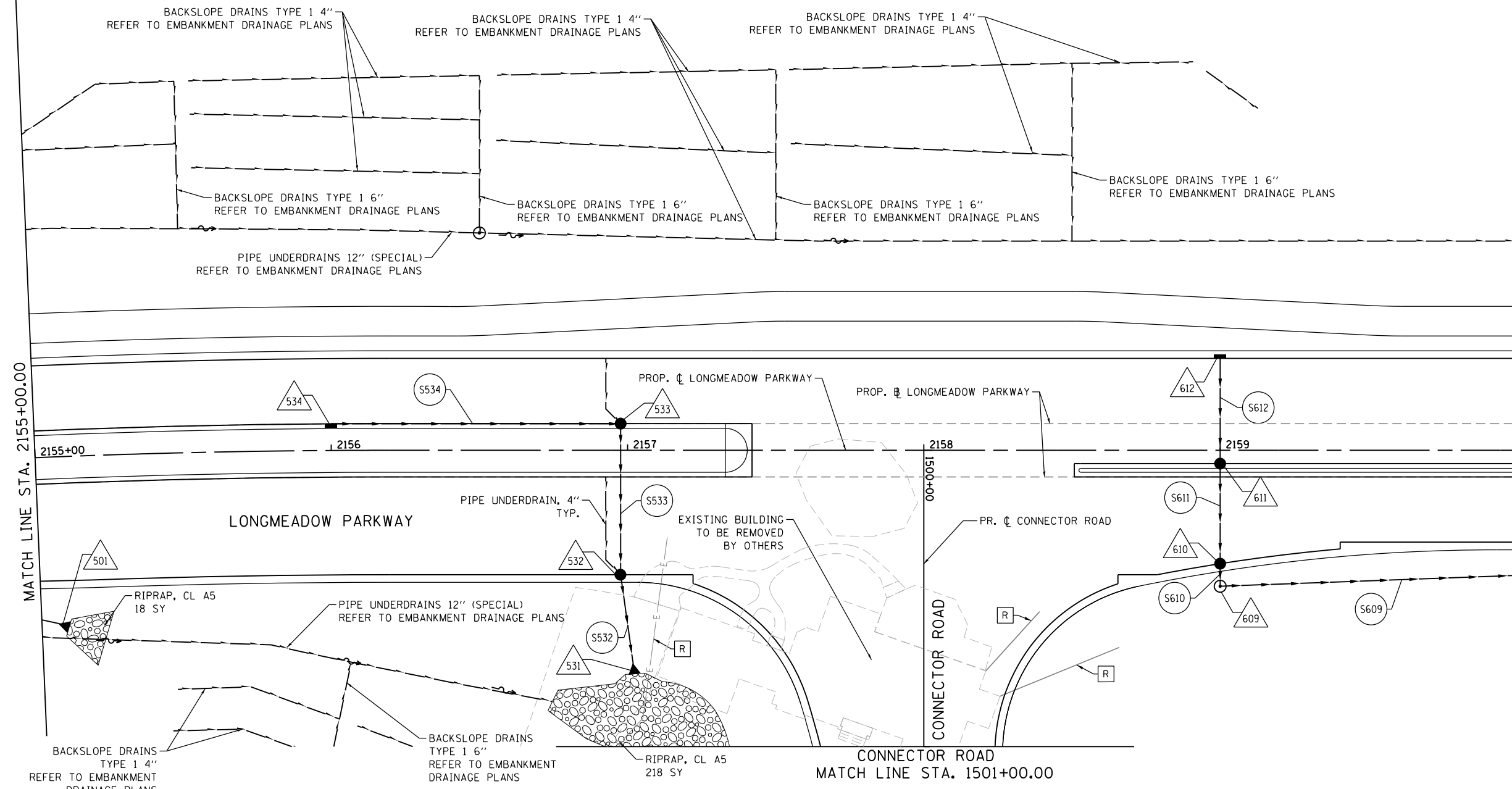
FOREST DRIVE
DRAINAGE AND UTILITY

SCALE: 1"=20' SHEET 219 OF 611 SHEETS STA. 11+30.00 TO STA. 15+05.95

| | | | | |
|---------------------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 219 |
| | | | | CONTRACT NO. 61E05 |
| ILLINOIS FED. AID PROJECT | | | | |



PR. R.O.W. (Right of Way) lines at the top of the sheet.



FILE NAME = \\A:\94-010\KDOT_LMP_Section B\CADD_SHEETS\Section B2\20131894_SHT_DRAINAGE21.dgn

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
 DRAINAGE AND UTILITY**

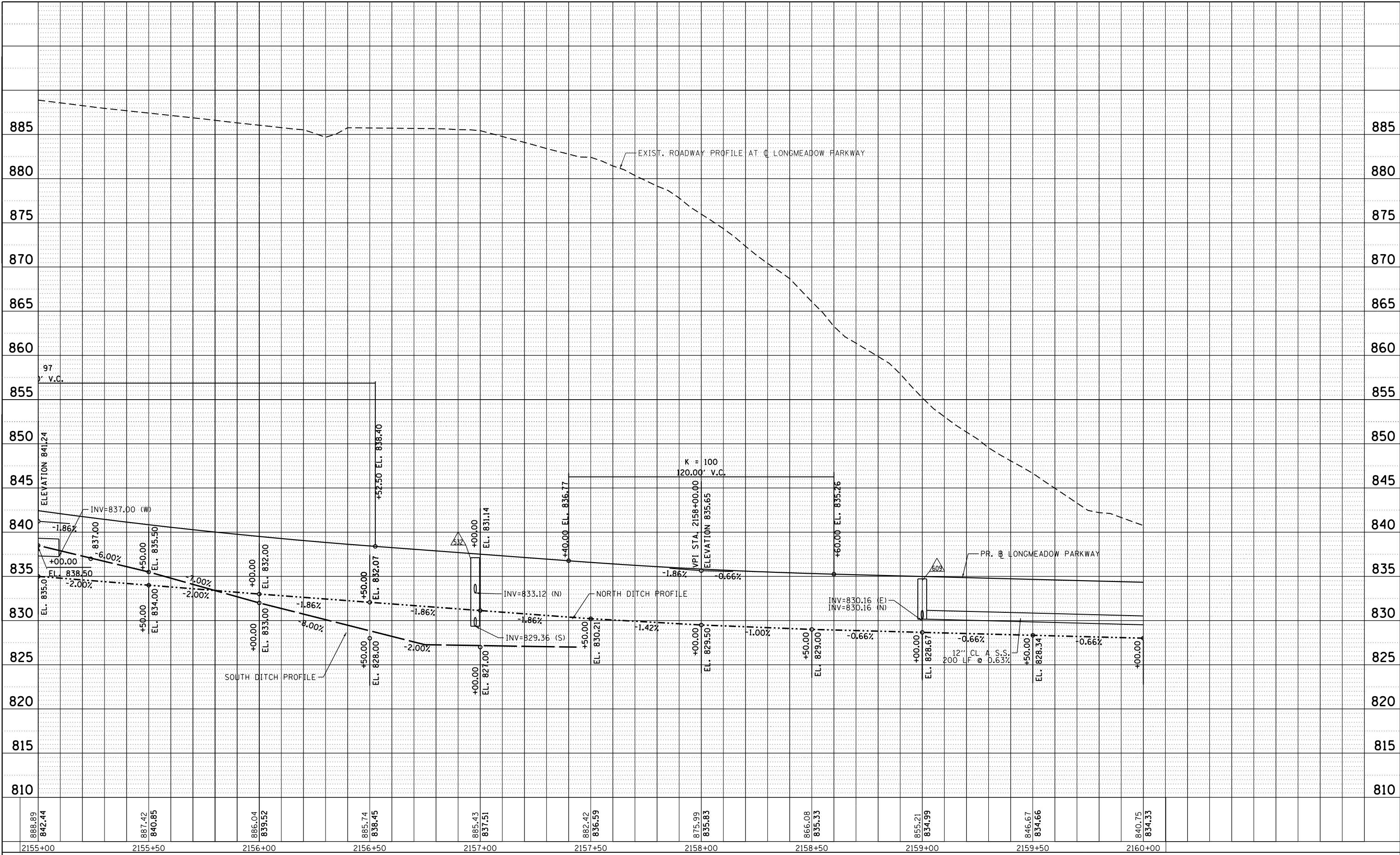
SCALE: 1"=20' SHEET 220 OF 611 SHEETS STA. 2155+00.00 TO STA. 2160+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 220 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | | |
|------|-----------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | ALIGNED | | |
| | CHECKED | | |
| | NO. _____ | | |
| | FILE NAME | | |

| | | | |
|---------|-----------------------------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | STRUCTURE NOTATIONS CHECKED | | |
| | NO. _____ | | |
| | FILE NAME | | |

FILE NAME = W:\94-010\DOT LMP Section B\CADD SHEETS\Section B2_20131894_SHT.DRAINAGE22.dgn



Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
DRAINAGE AND UTILITY**

SCALE: 1"=20' SHEET 221 OF 611 SHEETS STA. 2155+00.00 TO STA. 2160+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 221 |
| | | | | CONTRACT NO. 61E05 |
| ILLINOIS FED. AID PROJECT | | | | |



WETLANDS & WATERS OF THE U.S. SITE 8
TOTAL WETLANDS=1.52 ac.
TOTAL WOUS=0.66 ac.
IMPACTED WETLAND AREA=0.68 ac.
IMPACTED WOUS AREA=0.27 ac.

CUT EXISTING DRAIN TILE AT PROPOSED DITCH; EXISTING FLOW TO OUTLET INTO PROPOSED RIPRAP. REFER TO GRADING PLAN AND CROSS SECTIONS FOR DITCH ELEVATION. INCLUDED IN COST FOR EARTH EXCAVATION.

PIPE UNDERDRAINS 12" (SPECIAL)
 REFER TO EMBANKMENT DRAINAGE PLANS

RIPRAP, CL A5
 33 SY

RIPRAP, CL A5
 153 SY
 (SEE STRUCTURAL PLANS FOR DETAIL)

S002
 STATION 2164+00.48
 TRIPLE PRECAST CONCRETE BOX CULVERT 6'x4'
 3-211' OUT TO OUT HEADWALLS @ 0.10% SLOPE
 3-160' OUT TO OUT PRECAST BOX CULVERT SECTIONS
 ASTM C 1577, SKEW 25°, DESIGN FILL: 28.25' MIN, 29.00' MAX
 CAST-IN PLACE END SECTIONS
 AT HEADWALLS: U/S INV. ELEV: 798.20, D/S INV. ELEV: 798.00
 (SEE STRUCTURAL PLANS FOR DETAILS AND QUANTITIES)

MATCH LINE STA. 2160+00.00

MATCH LINE STA. 2164+00.00

PIPE UNDERDRAIN, 4" TYP.
 PROP. □ LONGMEADOW PARKWAY

PROP. □ LONGMEADOW PARKWAY

LONGMEADOW PARKWAY

STORMWATER MANAGEMENT BASIN
 NWL=798.00
 HWL=802.00

RIPRAP, CL A5
 33 SY

RIPRAP, CL A3
 10 SY

FILE NAME = \\A:\94-010\KDOT\LWP\Section B\CADD\ SHEETS\Section B2\20131894_SHT_DRAINAGE23.dgn



USER NAME = gellwanger
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 8/4/2017

DESIGNED - GJE
 DRAWN - GJE
 CHECKED - DBB
 DATE - 08/07/2017

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
DRAINAGE AND UTILITY

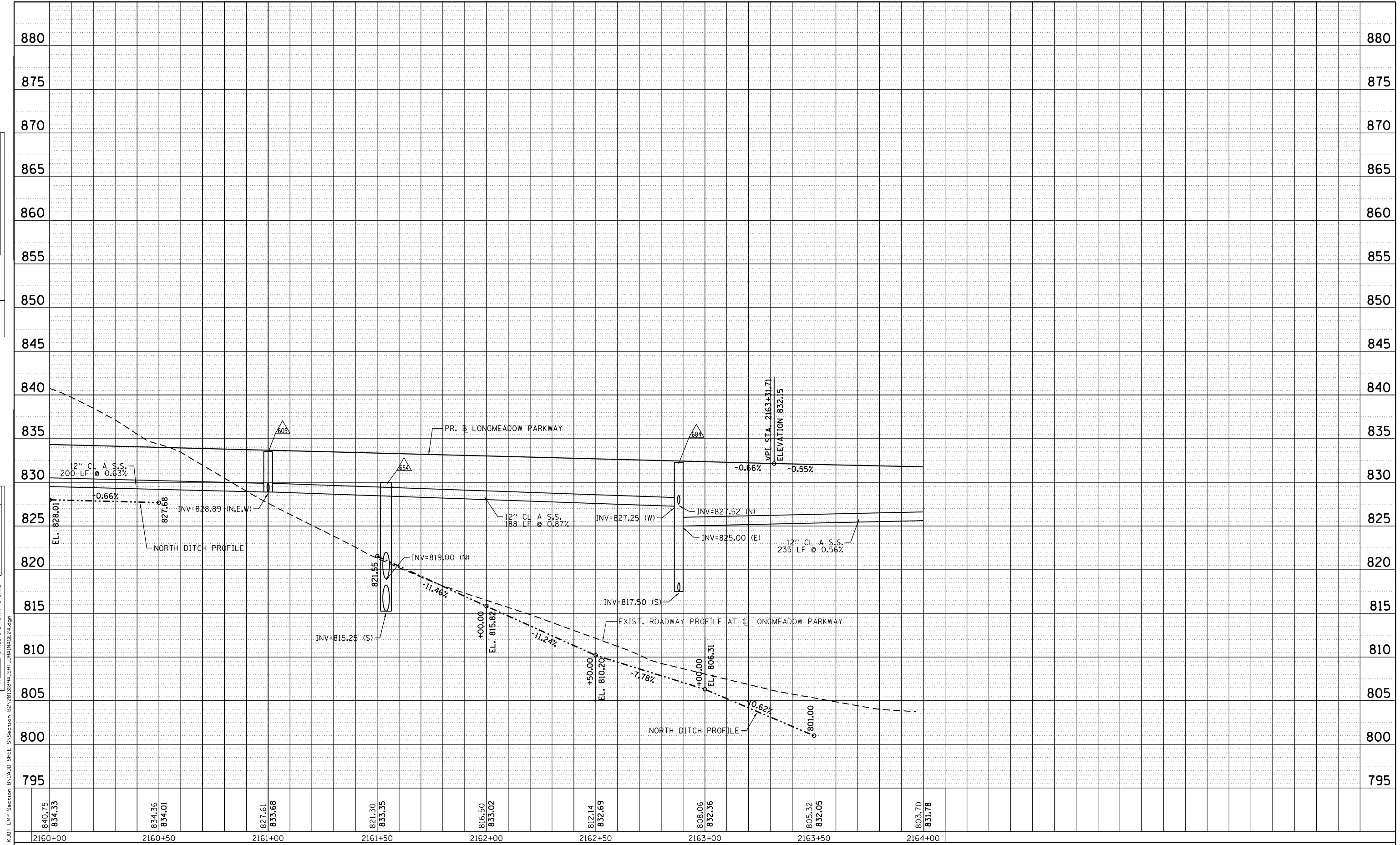
SCALE: 1"=20' SHEET 222 OF 611 SHEETS STA. 2160+00.00 TO STA. 2164+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 222 |
| CONTRACT NO. 61E05 | | | | |

ILLINOIS FED. AID PROJECT

| | | | |
|------|-------------------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | ALIGNMENT CHECKED | | |
| | STRUCTURE NOTED | | |
| | NO. _____ | | |
| | CADD FILE NAME | | |

| | | | |
|---------|-------------------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | ALIGNMENT CHECKED | | |
| | STRUCTURE NOTED | | |
| | NO. _____ | | |
| | CADD FILE NAME | | |



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

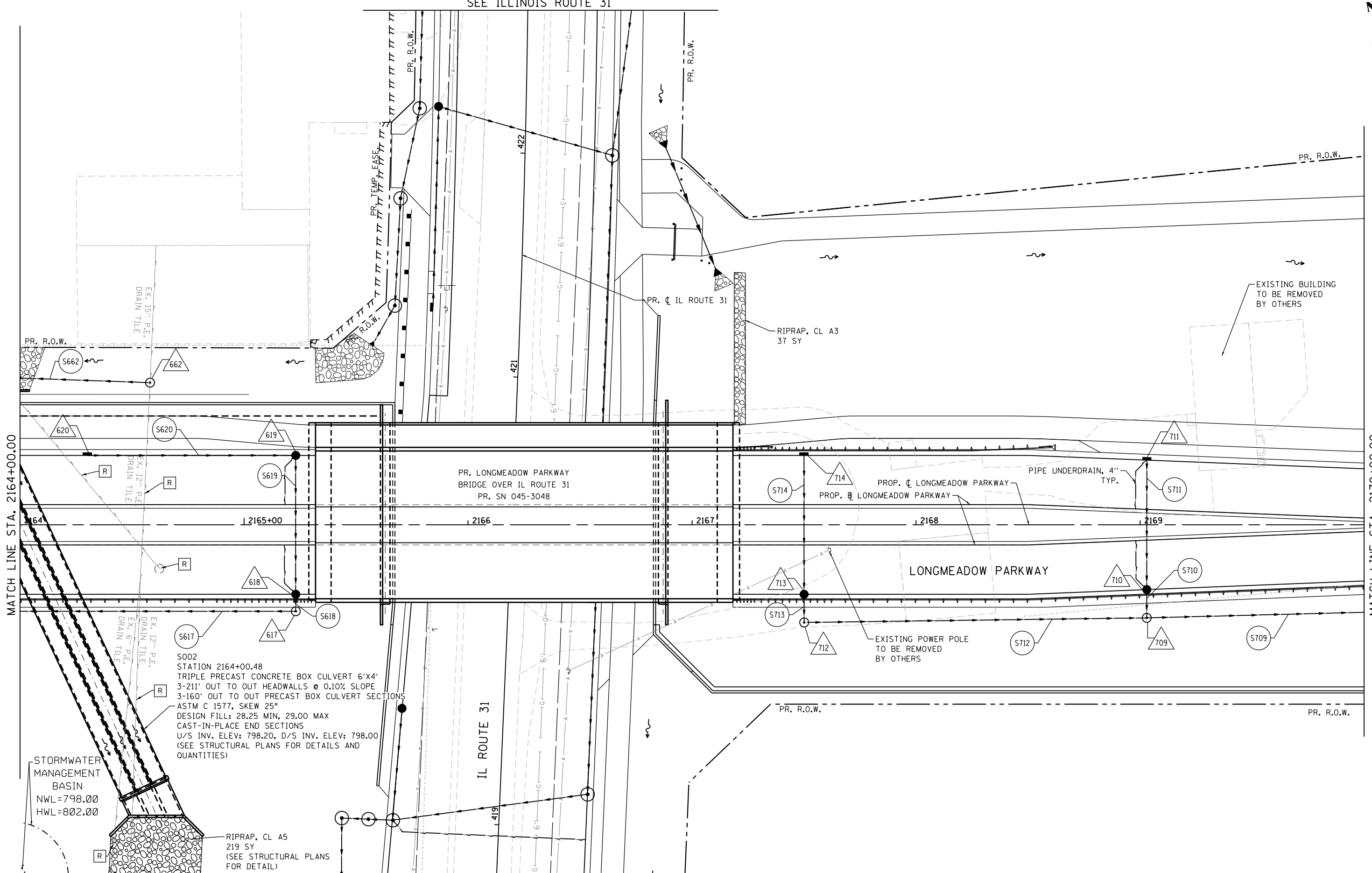
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|--|-------------------------|
| LONGMEADOW PARKWAY DRAINAGE AND UTILITY | |
| SCALE: 1"=20' | SHEET 223 OF 611 SHEETS |
| STA. 2160+00.00 TO STA. 2164+00.00 | |

| | | | | |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 223 |
| CONTRACT NO. 61E05 | | | | ILLINOIS FED. AID PROJECT |



SEE ILLINOIS ROUTE 31



MATCH LINE STA. 2164+00.00

MATCH LINE STA. 2170+00.00

S002
STATION 2164+00.48
TRIPLE PRECAST CONCRETE BOX CULVERT 6'x4'
3-211' OUT TO OUT HEADWALLS @ 0.10% SLOPE
3-160' OUT TO OUT PRECAST BOX CULVERT SECTIONS
ASTM C 1577, SKEW 25°
DESIGN FILL: 28.25 MIN, 29.00 MAX
CAST-IN-PLACE END SECTIONS
U/S INV. ELEV: 798.20, D/S INV. ELEV: 798.00
(SEE STRUCTURAL PLANS FOR DETAILS AND
QUANTITIES)

STORMWATER
MANAGEMENT
BASIN
NWL=798.00
HWL=802.00

RIPRAP, CL A5
219 SY
(SEE STRUCTURAL PLANS
FOR DETAIL)

SEE ILLINOIS ROUTE 31

FILE NAME = MA594-010_KDOT_LWP_Section B\CADD_SHEETS\Section B2\20131894_SHT_DRAINAGE25.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
DRAINAGE AND UTILITY

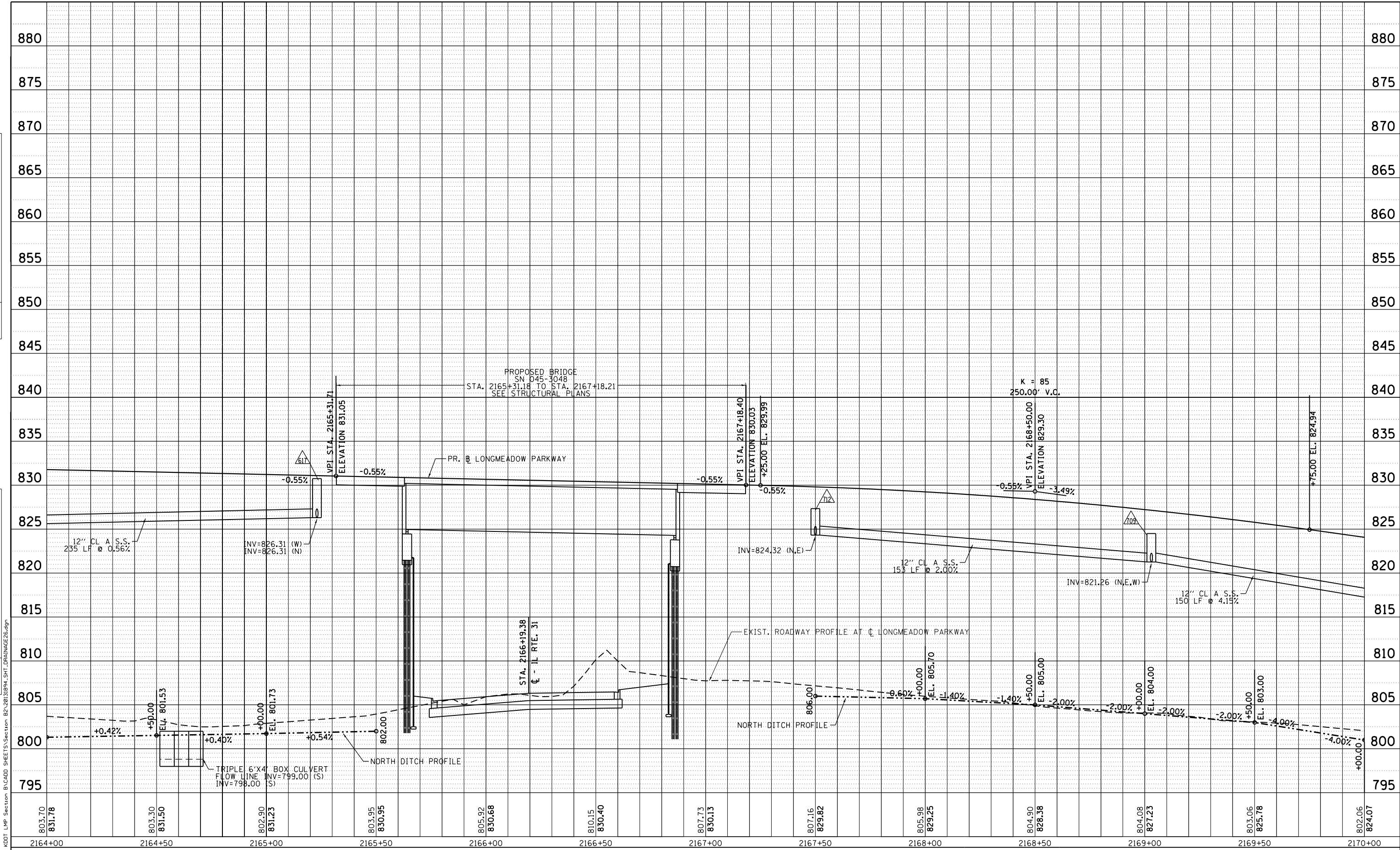
SCALE: 1"=20' SHEET 224 OF 611 SHEETS STA. 2164+00.00 TO STA. 2170+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 224 |
| CONTRACT NO. 61E05 | | | | |

ILLINOIS FED. AID PROJECT

| | | | |
|------|-----------------------------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | ALIGNMENT CHECKED | | |
| | STRUCTURE NOTATIONS CHECKED | | |
| | NO. _____ | | |
| | DATE _____ | | |

| | | | |
|---------|-----------------------------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | ALIGNMENT CHECKED | | |
| | STRUCTURE NOTATIONS CHECKED | | |
| | NO. _____ | | |
| | DATE _____ | | |



Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

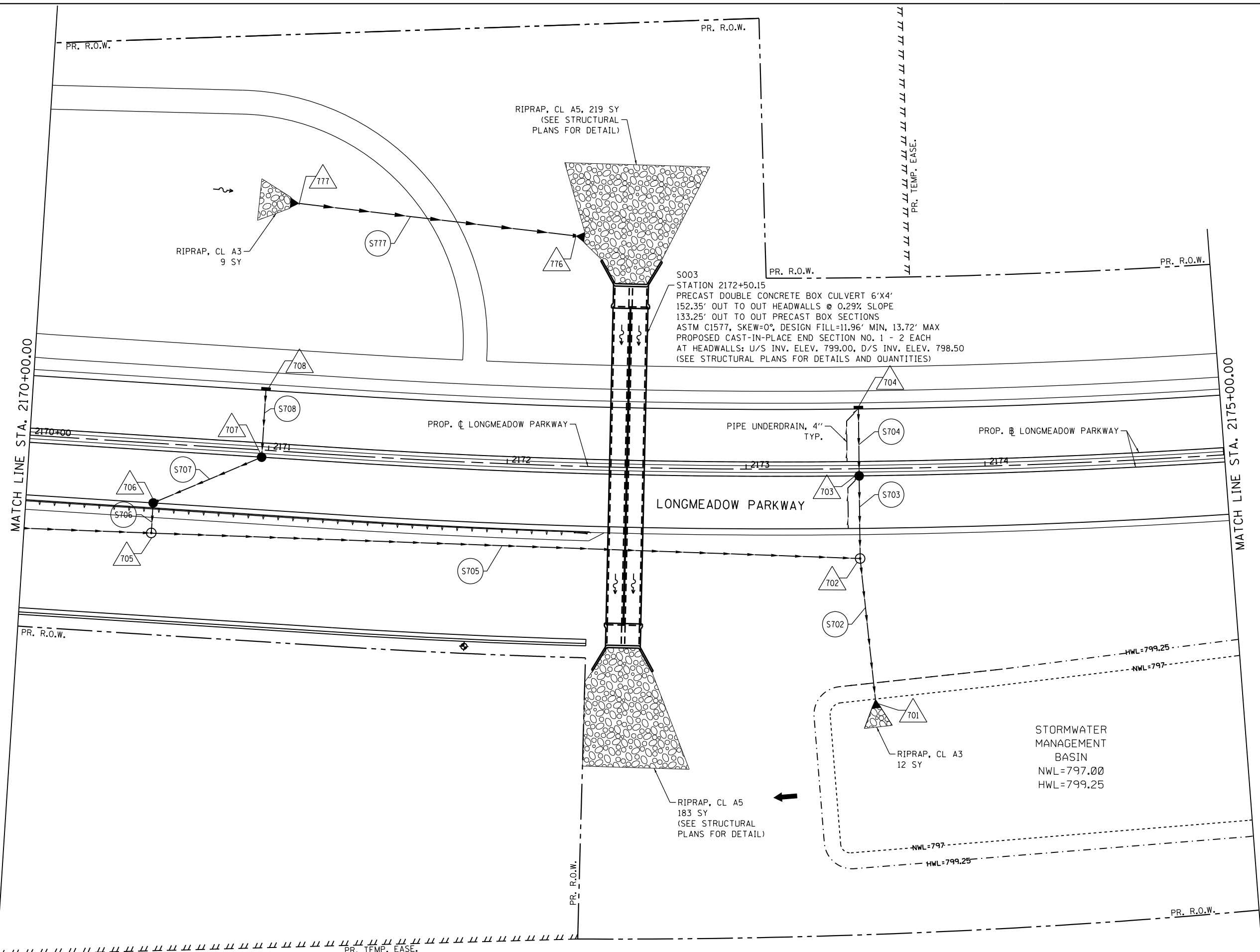
| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 48.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
DRAINAGE AND UTILITY**

SCALE: 1"=20' SHEET 225 OF 611 SHEETS STA. 2164+00.00 TO STA. 2170+00.00

| | | | | |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 225 |
| CONTRACT NO. 61E05 | | | | ILLINOIS FED. AID PROJECT |



FILE NAME = \\A\994-010_KDDT_LWP_Section B\CADD_SHEETS\Section B2\20131894_SHT_DRAINAGE27.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| DRAWN - GJE | REVISOR - | |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

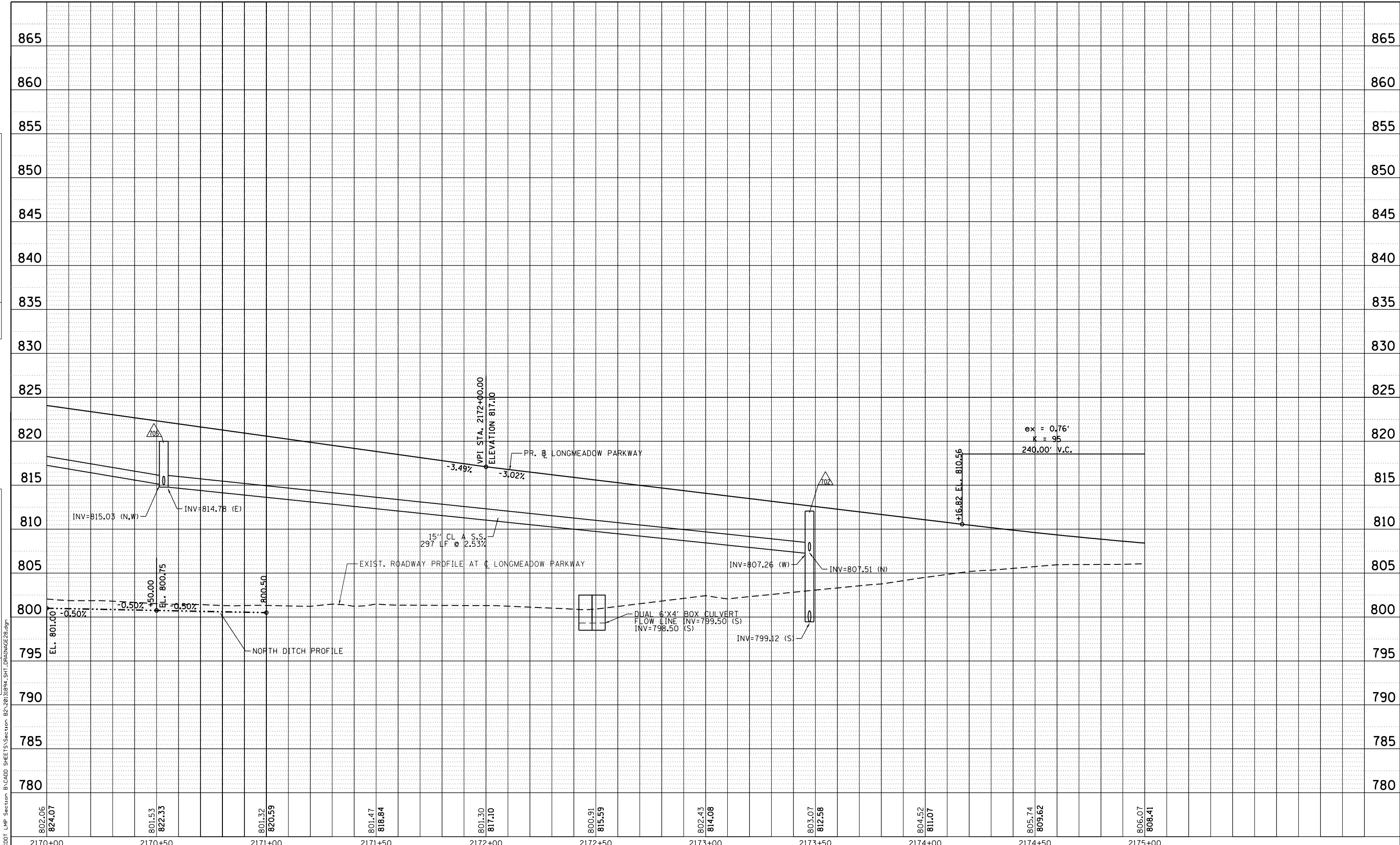
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|--|-------------------------|
| LONGMEADOW PARKWAY DRAINAGE AND UTILITY | |
| SCALE: 1"=20' | SHEET 226 OF 611 SHEETS |
| STA. 2170+00.00 TO STA. 2175+00.00 | |

| | | | | |
|---------------------------|------------------------|-------------|------------------|---------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 226 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | | |
|------|----------------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | NOTE BOOK | | |
| | NO. | | |
| | CARD FILE NAME | | |

| | | | |
|---------|------------------------------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | GRADES CHECKED | | |
| | STRUCTURE NOT AT THIS OFFICE | | |
| | NO. | | |



| | | | | | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 802.06 824.07 | 801.53 822.33 | 801.32 820.59 | 801.47 818.84 | 801.30 817.10 | 800.91 815.59 | 802.43 814.08 | 803.07 812.58 | 804.52 811.07 | 805.74 809.62 | 806.07 808.41 |
| 2170+00 | 2170+50 | 2171+00 | 2171+50 | 2172+00 | 2172+50 | 2173+00 | 2173+50 | 2174+00 | 2174+50 | 2175+00 |

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

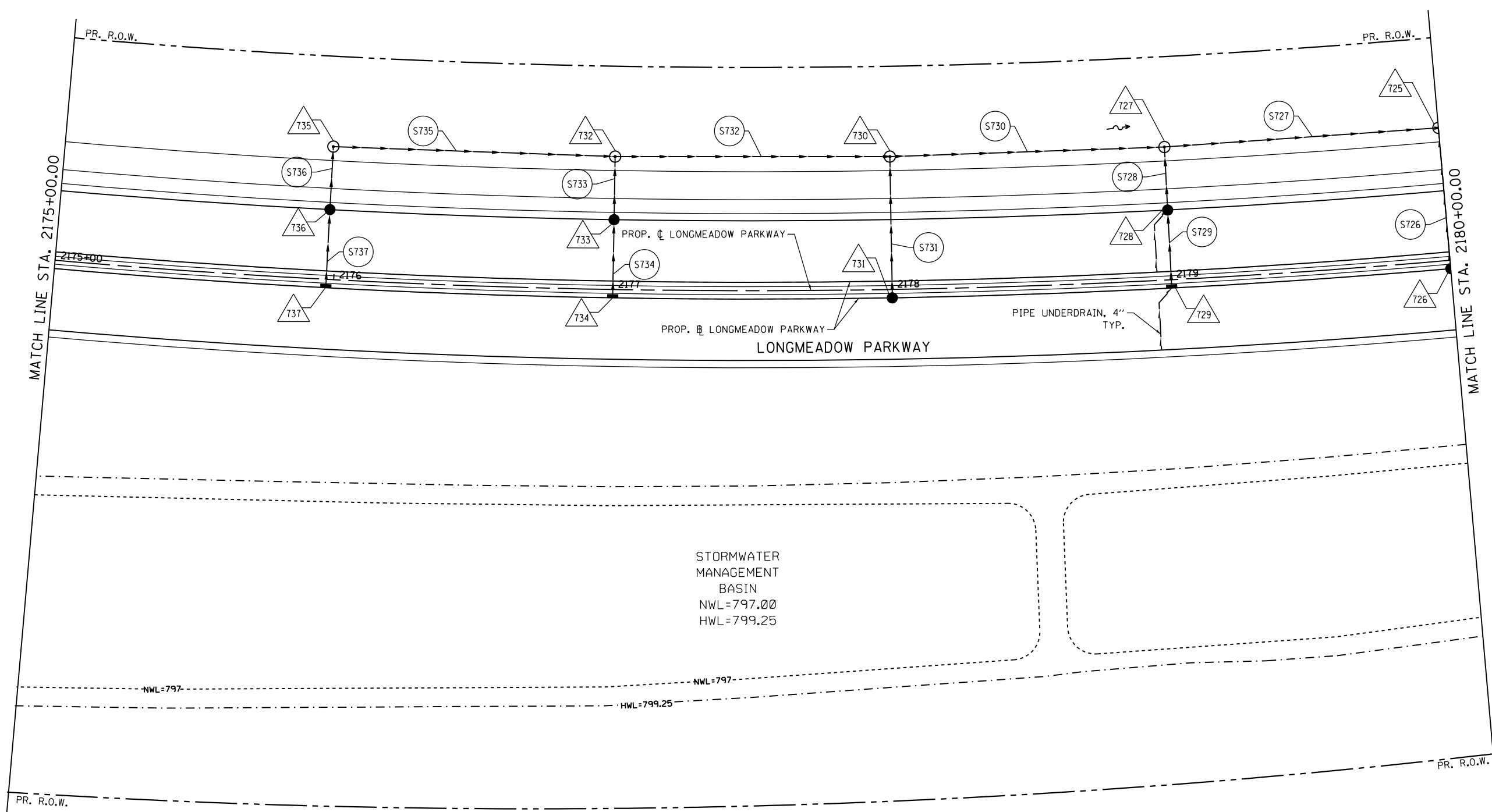
| | | |
|------------------------|----------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| DRAWN - GJE | REVISED - | |
| CHECKED - DBB | REVISED - | |
| DATE - 08/07/2017 | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
DRAINAGE AND UTILITY**

SCALE: 1"=20' SHEET 227 OF 611 SHEETS STA. 2170+00.00 TO STA. 2175+00.00

| | | | | |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 227 |
| CONTRACT NO. 61E05 | | | | ILLINOIS FED. AID PROJECT |



FILE NAME = MA894-010_KDDT_LWP_Section B\CADD_SHEETS\Section B2\20131894_SHT_DRAINAGE23.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

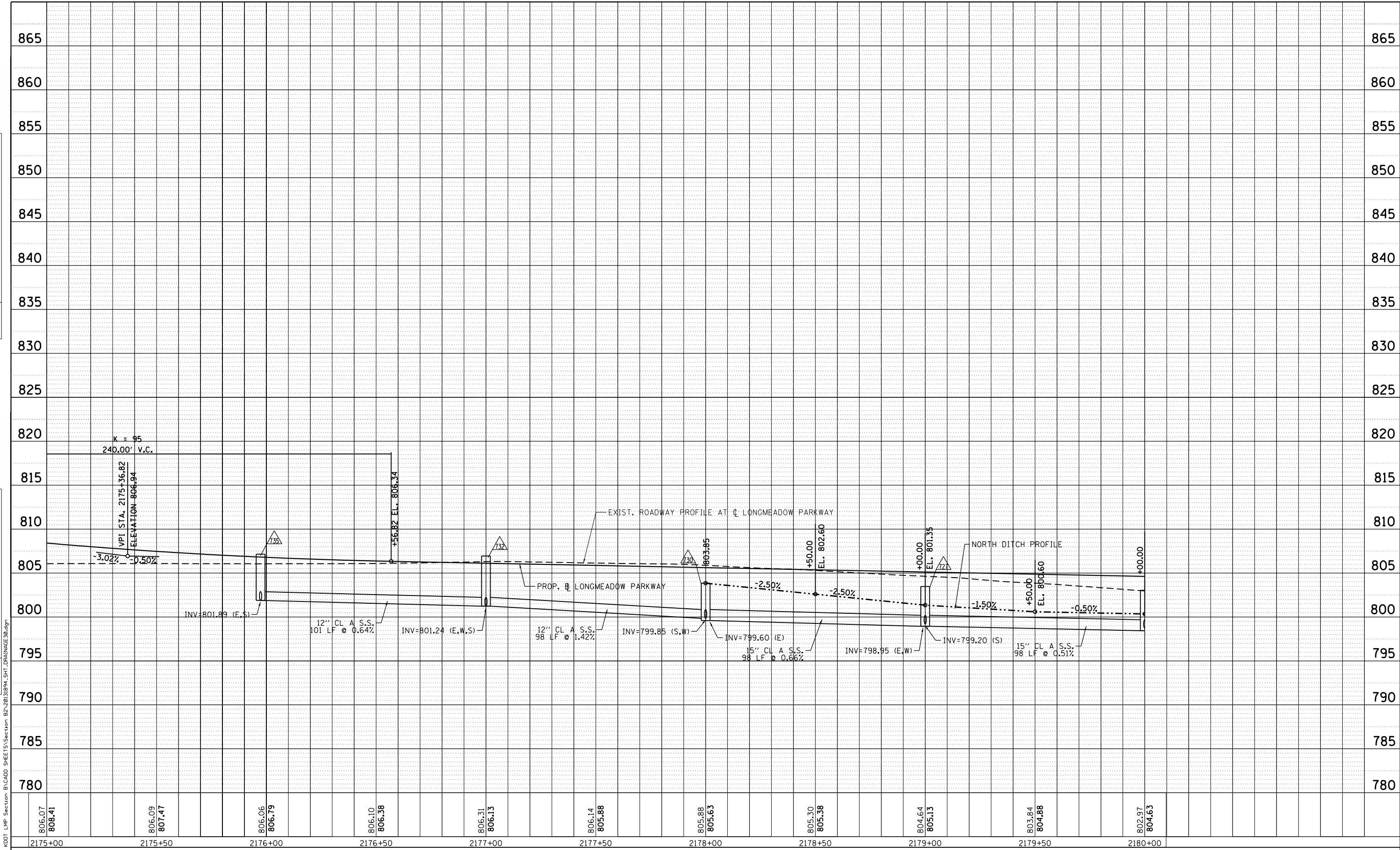
**LONGMEADOW PARKWAY
DRAINAGE AND UTILITY**

SCALE: 1"=20' SHEET 228 OF 611 SHEETS STA. 2175+00.00 TO STA. 2180+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 228 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | | |
|------|-----------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | NOTE BOOK | | |
| | NO. | | |
| | NO. | | |
| | NO. | | |
| | NO. | | |
| | NO. | | |

| | | | |
|---------|----------------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | STRUCTURE | | |
| | NO. | | |
| | NO. | | |
| | NO. | | |
| | NO. | | |



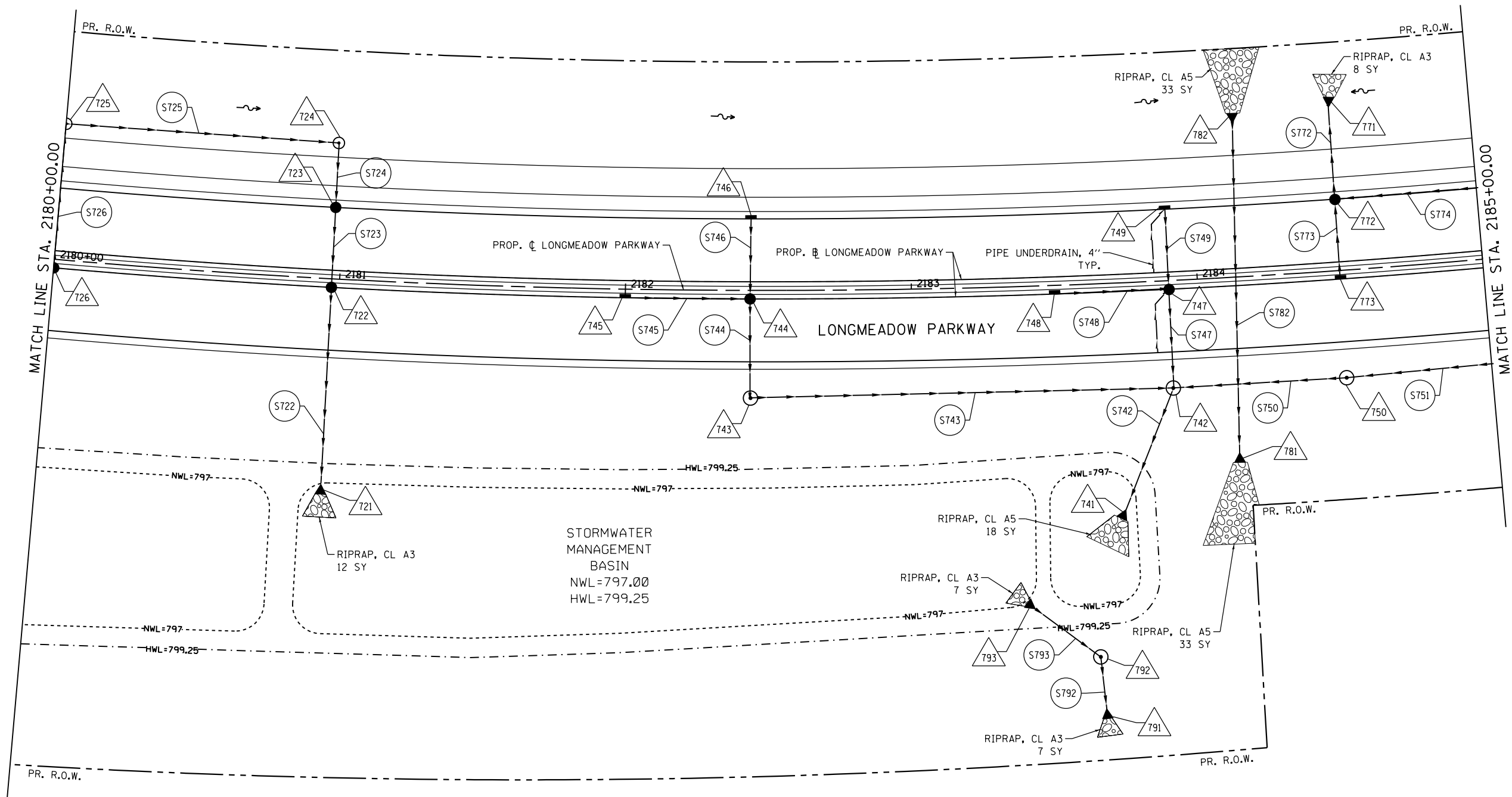
Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 48.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
DRAINAGE AND UTILITY**
SCALE: 1"=20' SHEET 229 OF 611 SHEETS STA. 2175+00.00 TO STA. 2180+00.00

| | | | | |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 229 |
| CONTRACT NO. 61E05 | | | | ILLINOIS FED. AID PROJECT |



FILE NAME = MA894-010 KDOT LWP Section B\CADD SHEETS\Section B2\20131894_SHT_DRAINAGE31.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

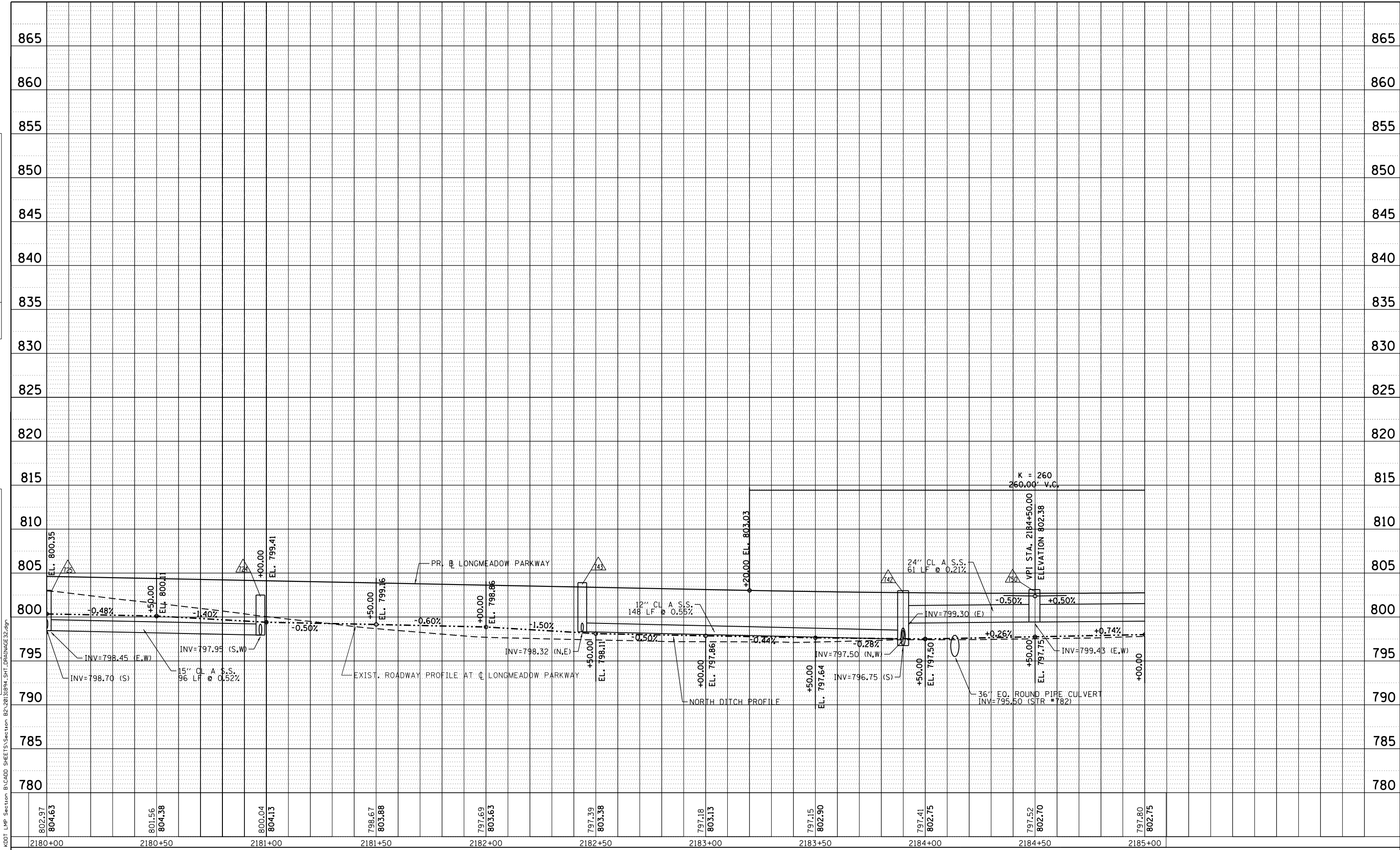
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | |
|--|-------------------------|------------------------------------|
| LONGMEADOW PARKWAY DRAINAGE AND UTILITY | | |
| SCALE: 1"=20' | SHEET 230 OF 611 SHEETS | STA. 2180+00.00 TO STA. 2185+00.00 |

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 230 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | | |
|------|----------------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | NOTE BOOK | | |
| | NO. | | |
| | CADD FILE NAME | | |

| | | | |
|---------|----------------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | NOTE BOOK | | |
| | NO. | | |
| | CADD FILE NAME | | |



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 48.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

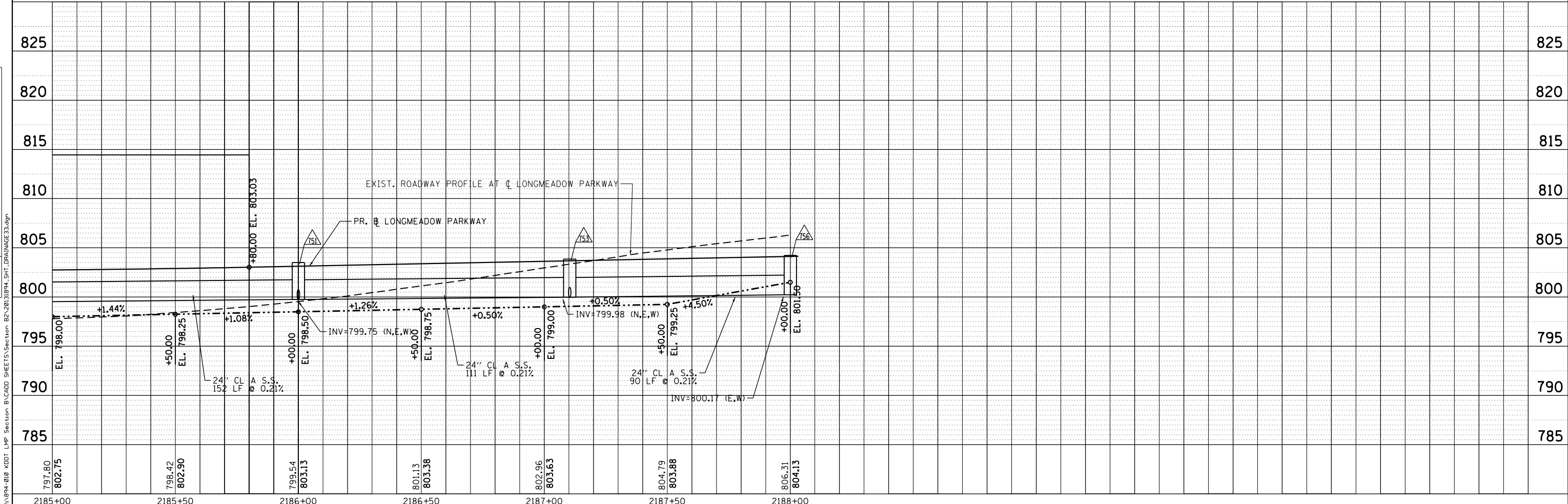
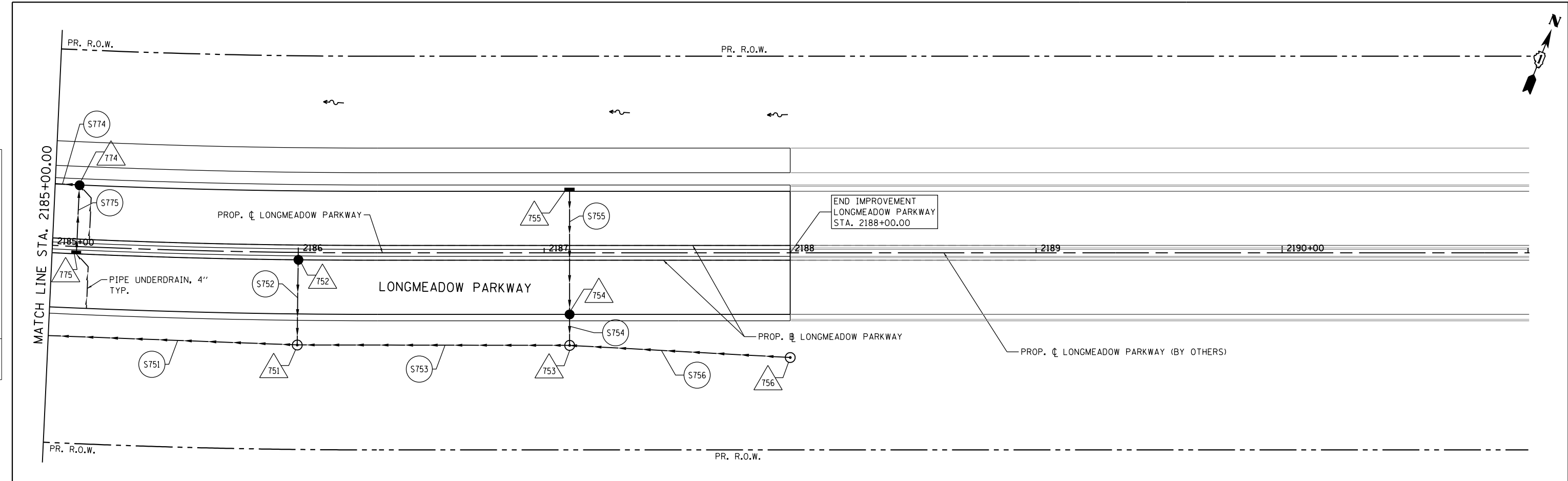
| | |
|--|--|
| LONGMEADOW PARKWAY DRAINAGE AND UTILITY | |
| SCALE: 1"=20' | SHEET 231 OF 611 SHEETS STA. 2180+00.00 TO STA. 2185+00.00 |

| | | | | |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 231 |
| CONTRACT NO. 61E05 | | | | ILLINOIS FED. AID PROJECT |



| | | |
|------|-----------------------------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS CHECKED | |
| | FILE NAME | |
| | NO. | |

| | | |
|---------|-----------------------------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS CHECKED | |
| | FILE NAME | |
| | NO. | |



Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

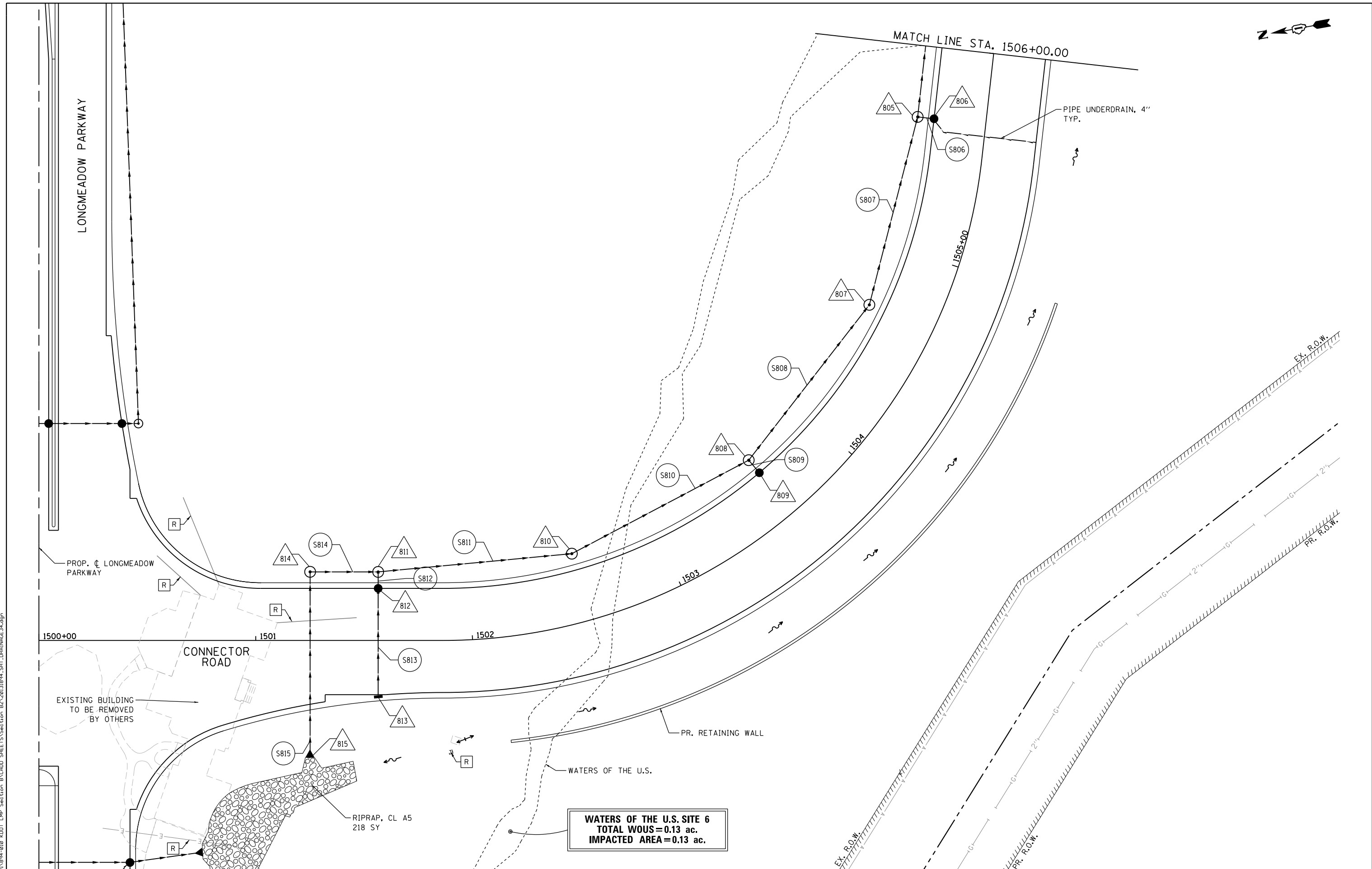
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
DRAINAGE AND UTILITY

SCALE: 1"=20' SHEET 232 OF 611 SHEETS STA. 2185+00.00 TO STA. 2188+00.00

| | | | | |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 232 |
| CONTRACT NO. 61E05 | | | | ILLINOIS FED. AID PROJECT |

FILE NAME = W:\94-010-KDOT-LMP-Section-B\CADD-SHEETS\Section-B2-20\21894-SHT.DRAINAGE33.dgn



WATERS OF THE U.S. SITE 6
TOTAL WOUS = 0.13 ac.
IMPACTED AREA = 0.13 ac.

FILE NAME = \\A:\94-010\KDOT_LMP_Section B\CADD_SHEETS\Section B2\20131894_SHT_DRAINAGE34.dgn

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

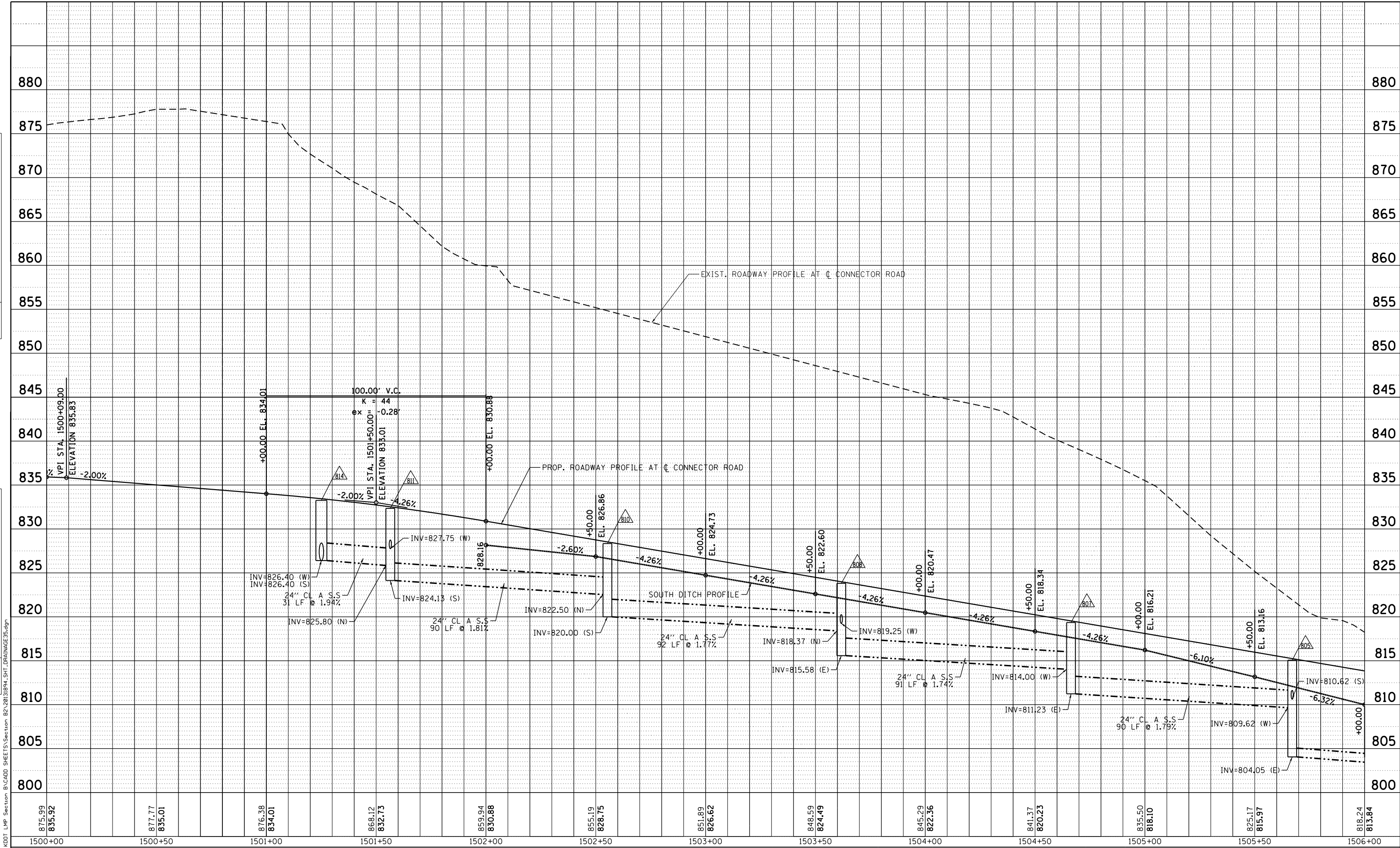
CONNECTOR ROAD
DRAINAGE AND UTILITY

SCALE: 1"=20' SHEET 233 OF 611 SHEETS STA. 1500+00.00 TO STA. 1506+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 233 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | |
|------|--------------------------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | GRADES CHECKED | |
| | ALIGNMENT CHECKED | |
| | STRUCTURE NOTATIONS OK'D | |
| | NOTE BOOK NO. | |
| | CADD FILE NAME | |

| | | |
|---------|--------------------------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | GRADES CHECKED | |
| | ALIGNMENT CHECKED | |
| | STRUCTURE NOTATIONS OK'D | |
| | NOTE BOOK NO. | |
| | CADD FILE NAME | |



| | | | | | | | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 875.99 835.92 | 877.77 835.01 | 876.38 834.01 | 868.12 832.73 | 859.94 830.88 | 855.19 828.75 | 851.89 826.62 | 848.59 824.49 | 845.29 822.36 | 841.37 820.23 | 835.50 818.10 | 825.17 815.97 | 818.24 813.84 |
| 1500+00 | 1500+50 | 1501+00 | 1501+50 | 1502+00 | 1502+50 | 1503+00 | 1503+50 | 1504+00 | 1504+50 | 1505+00 | 1505+50 | 1506+00 |

B Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

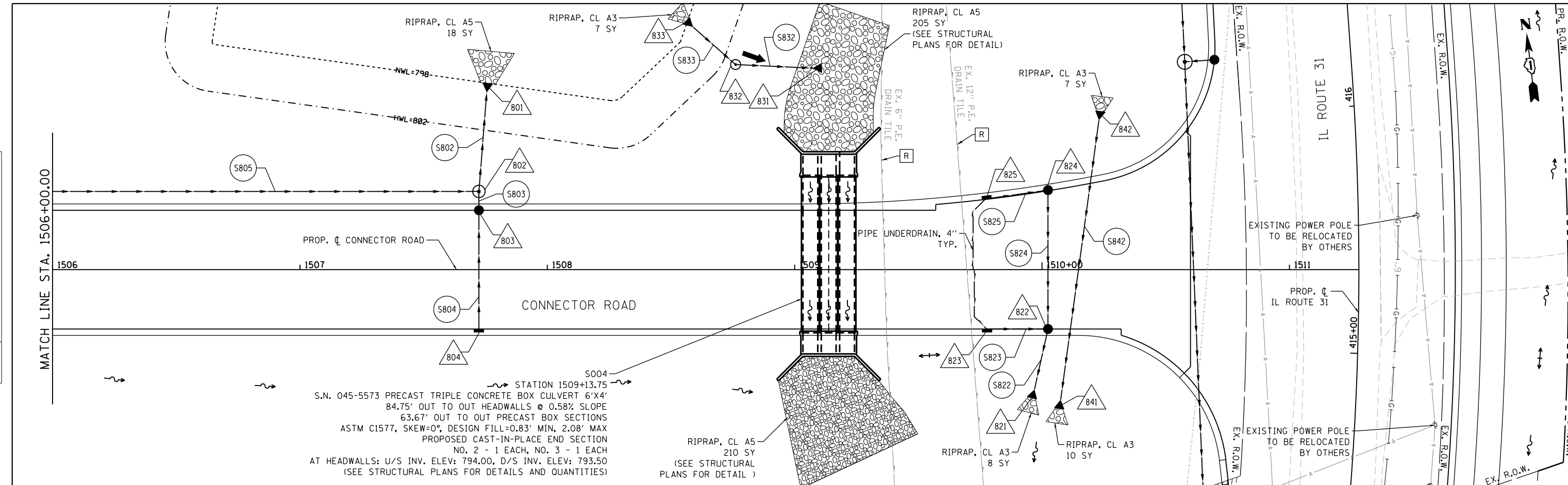
**CONNECTOR ROAD
DRAINAGE AND UTILITY**

SCALE: 1"=20' SHEET 234 OF 611 SHEETS STA. 1500+00.00 TO STA. 1506+00.00

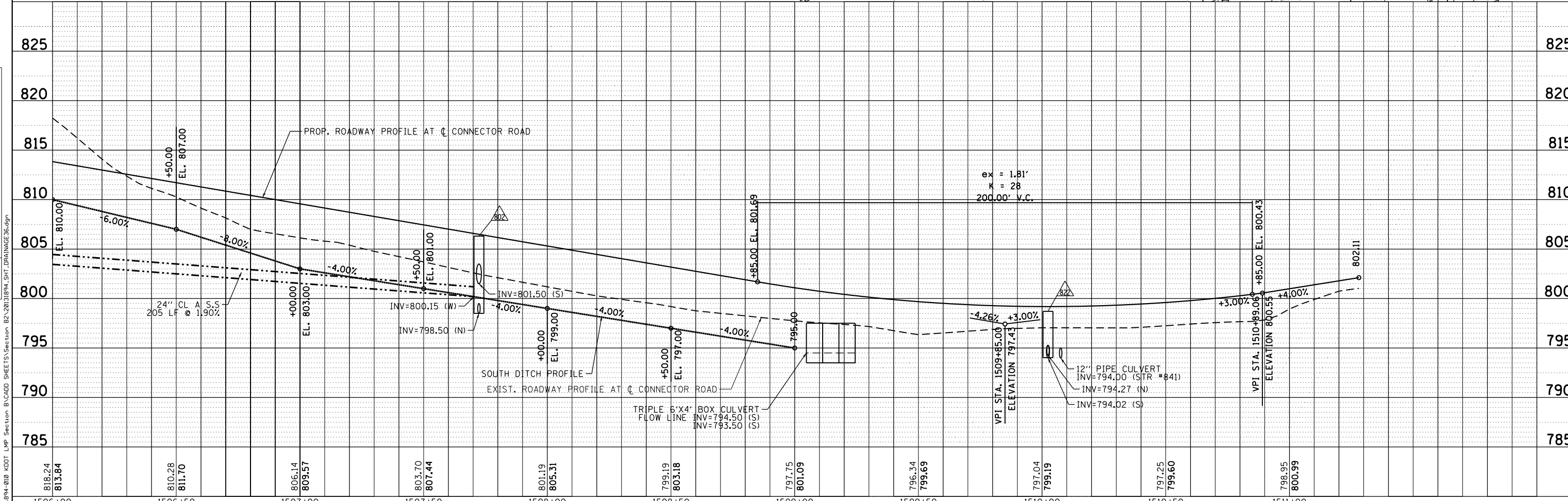
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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 234 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | |
|------|-----------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | NOTE BOOK | |
| | CHECKED | |
| | STRUCTURE | |
| | NO. 1 | |
| | FILE NAME | |

| | | |
|---------|-----------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | NOTE BOOK | |
| | CHECKED | |
| | STRUCTURE | |
| | NO. 1 | |
| | FILE NAME | |



S.N. 045-5573 PRECAST TRIPLE CONCRETE BOX CULVERT 6'X4'
 84.75' OUT TO OUT HEADWALLS @ 0.58% SLOPE
 63.67' OUT TO OUT PRECAST BOX SECTIONS
 ASTM C1577, SKEW=0°, DESIGN FILL=0.83' MIN, 2.08' MAX
 PROPOSED CAST-IN-PLACE END SECTION
 NO. 2 - 1 EACH, NO. 3 - 1 EACH
 AT HEADWALLS: U/S INV. ELEV: 794.00, D/S INV. ELEV: 793.50
 (SEE STRUCTURAL PLANS FOR DETAILS AND QUANTITIES)



Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

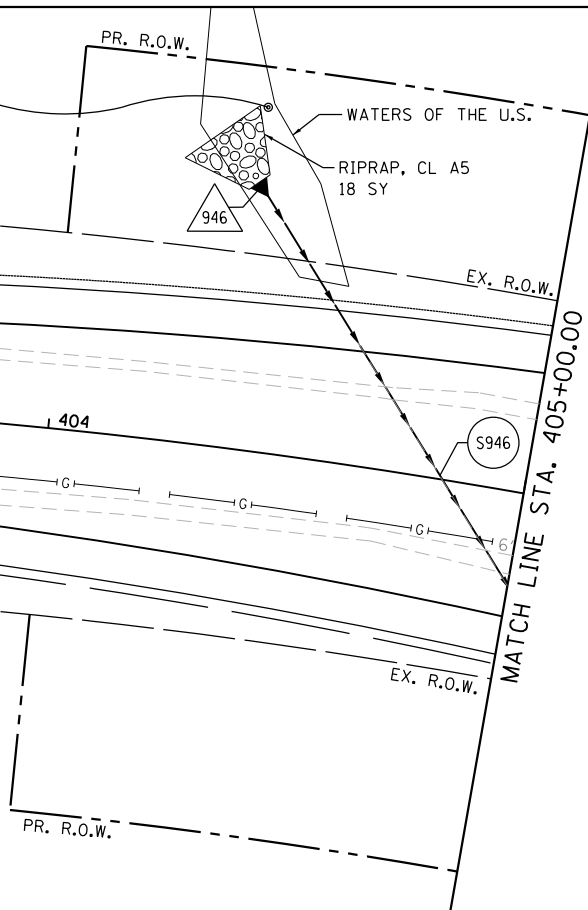
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONNECTOR ROAD
DRAINAGE AND UTILITY
 SCALE: 1"=20' SHEET 235 OF 611 SHEETS STA. 1506+00.00 TO STA. 1511+28.06

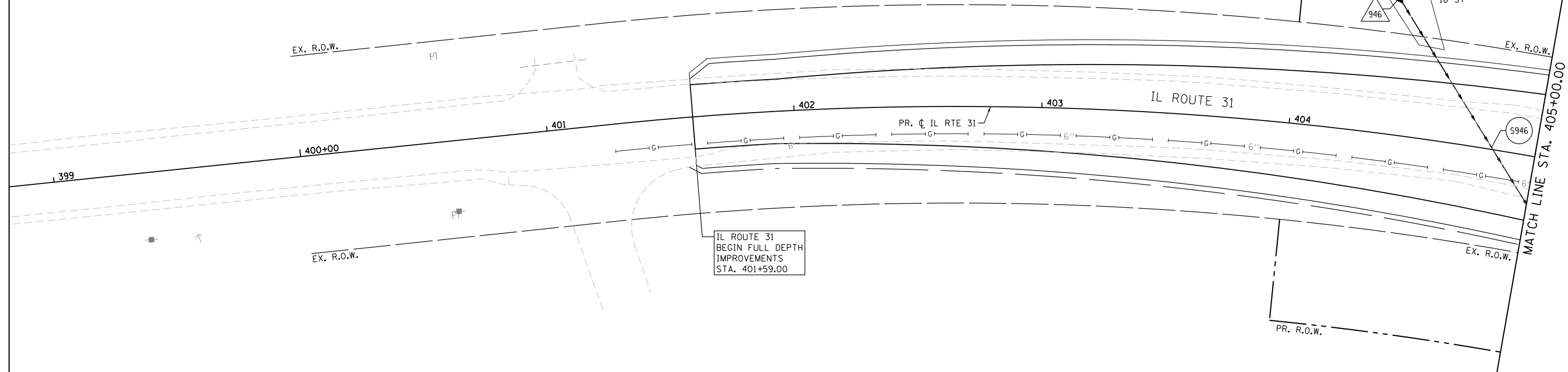
| | | | | |
|---------------------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 235 |
| | | | | CONTRACT NO. 61E05 |
| ILLINOIS FED. AID PROJECT | | | | |



WATERS OF THE U.S. SITE 29
 TOTAL WOUS = 0.03 ac.
 IMPACTED WOUS AREA = 0.002 ac.

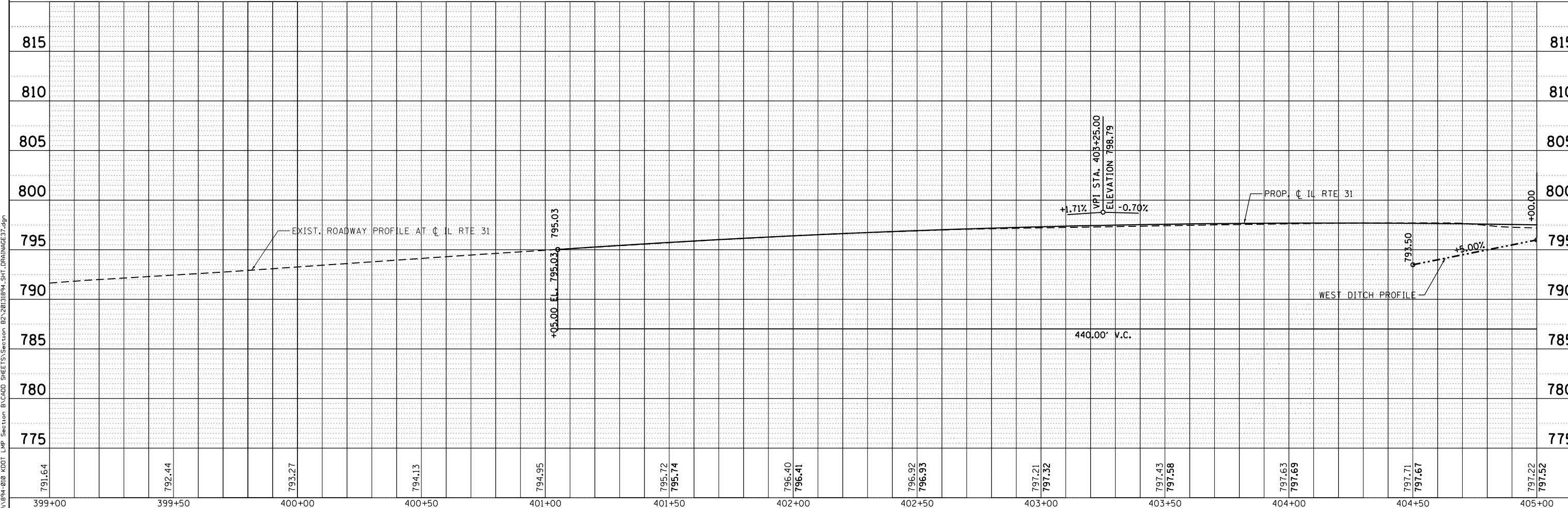


| | | |
|------|-----------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | ALIGNED | |
| | CHECKED | |
| | BY | |
| | NO. | |
| | FILE NAME | |



IL ROUTE 31
 BEGIN FULL DEPTH
 IMPROVEMENTS
 STA. 401+59.00

| | | |
|---------|--------------------------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS OK'D | |
| | NO. | |
| | FILE NAME | |



Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 31
 DRAINAGE AND UTILITY**

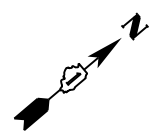
SCALE: 1" = 20' SHEET 236 OF 611 SHEETS STA. 400+00.00 TO STA. 405+00.00

| | | | | |
|-------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 236 |
| | | | | CONTRACT NO. 61E05 |

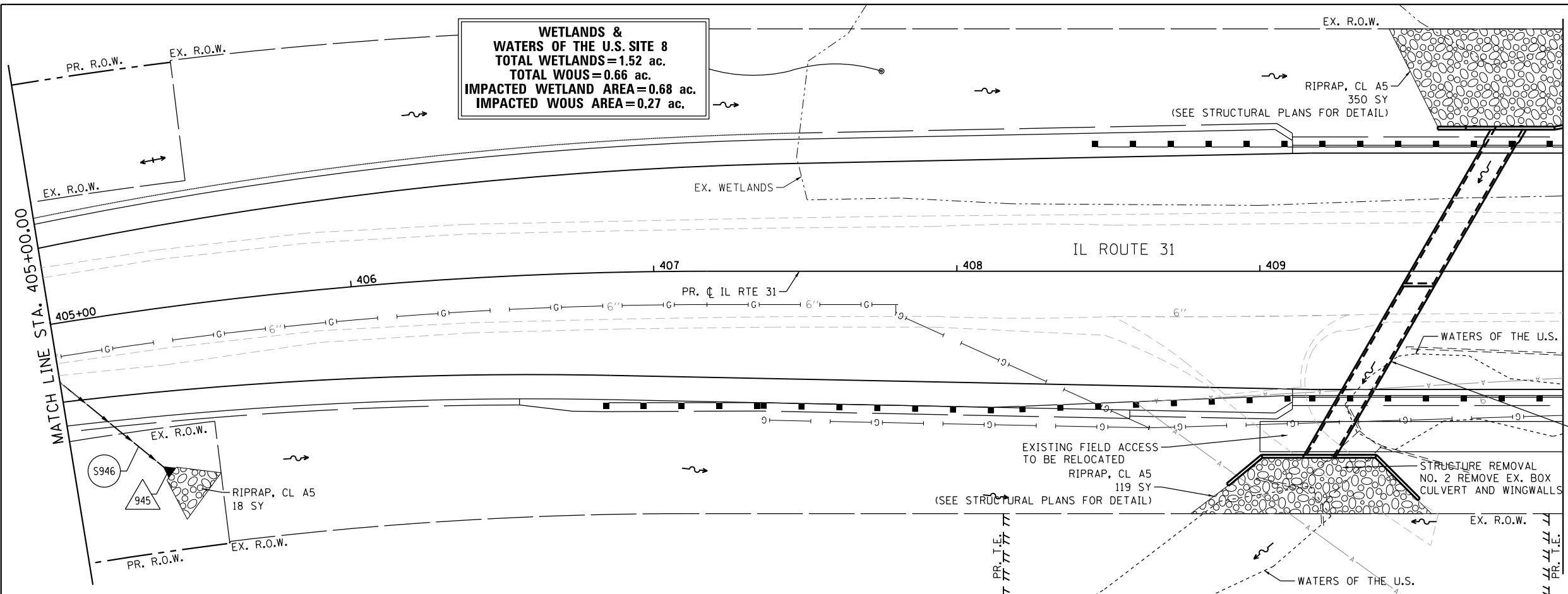
ILLINOIS FED. AID PROJECT

FILE NAME = W:\94-010\KDOT_LMP_Section_B\CADD_SHEETS_Section_B2\201894_SHT.DRAINAGE37.dgn

WETLANDS & WATERS OF THE U.S. SITE 8
TOTAL WETLANDS=1.52 ac.
TOTAL WOUS=0.66 ac.
IMPACTED WETLAND AREA=0.68 ac.
IMPACTED WOUS AREA=0.27 ac.



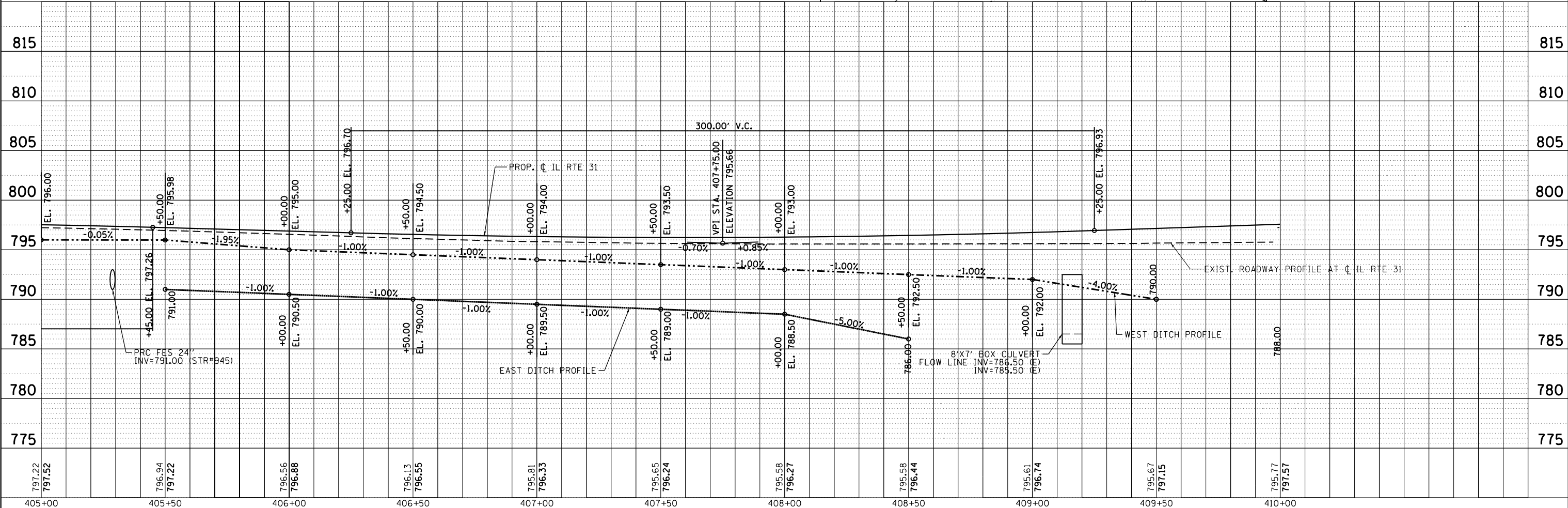
| | | | |
|------|-----------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | NOTE BOOK | | |
| | NO. | | |
| | CHECKED | | |
| | ALIGNED | | |
| | FILE NAME | | |



MATCH LINE STA. 410+00.00

S005
 STATION 409+55.00
 CAST-IN-PLACE CONCRETE BOX CULVERT 8'X7'
 U/S INV. ELEV: 786.50, D/S INV. ELEV: 785.50
 (SEE STRUCTURAL PLANS FOR DETAILS AND QUANTITIES)

| | | | |
|---------|----------------|----|------|
| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | NO. | | |
| | STRUCTURE | | |
| | NOTATIONS | | |
| | CHFD | | |



Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | |
|-------------|---------------|
| USER NAME = | dbruckelmeyer |
| DESIGNED - | GJE |
| DRAWN - | GJE |
| CHECKED - | DBB |
| DATE - | 08/07/2017 |

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 31
DRAINAGE AND UTILITY

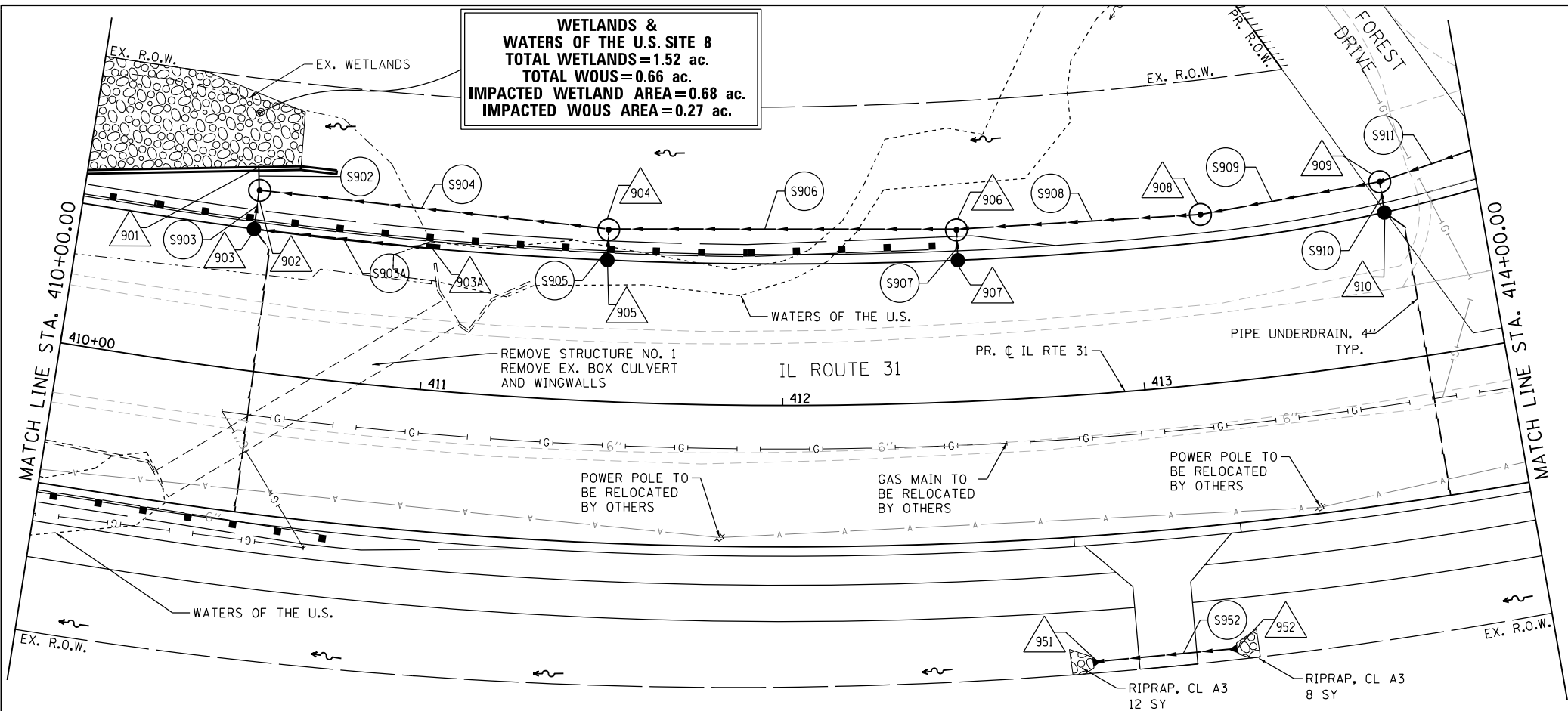
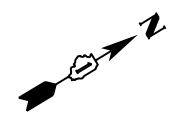
SCALE: 1" = 20' SHEET 237 OF 611 SHEETS STA. 405+00.00 TO STA. 410+00.00

| | | | | |
|-------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 237 |
| | | | | CONTRACT NO. 61E05 |

ILLINOIS FED. AID PROJECT

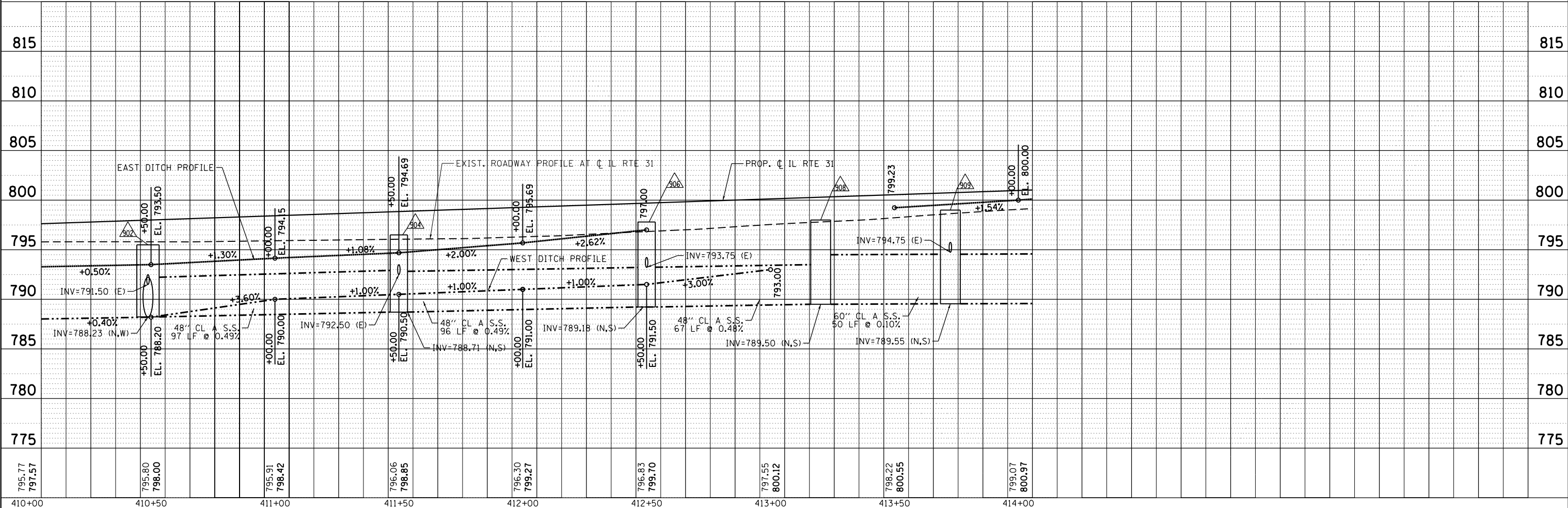
FILE NAME = WA_S94-010_KDOT_LMP_Section_B\CADD_SHEETS_Section_B2\201894_SHT_DRAINAGE38.dgn

WETLANDS & WATERS OF THE U.S. SITE 8
TOTAL WETLANDS=1.52 ac.
TOTAL WOUS=0.66 ac.
IMPACTED WETLAND AREA=0.68 ac.
IMPACTED WOUS AREA=0.27 ac.



| | | |
|------|----------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | CHECKED | |
| | ALIGNED | |
| | FILED | |
| | NO. | |

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| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | CHECKED | |
| | GRADES | |
| | STRUCTURE | |
| | NOTATIONS | |
| | CHFD | |
| | NO. | |



Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

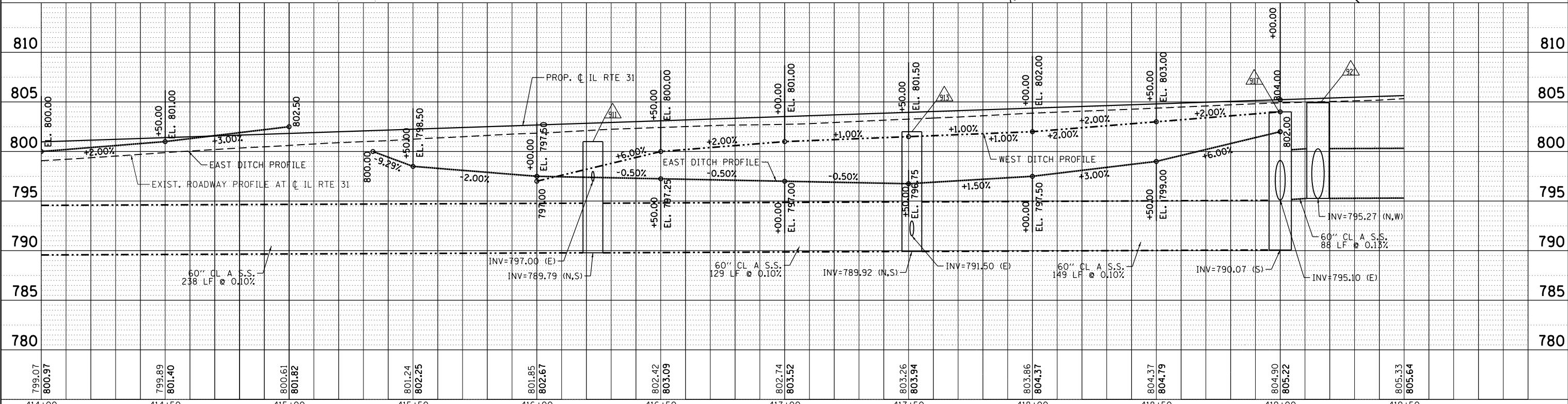
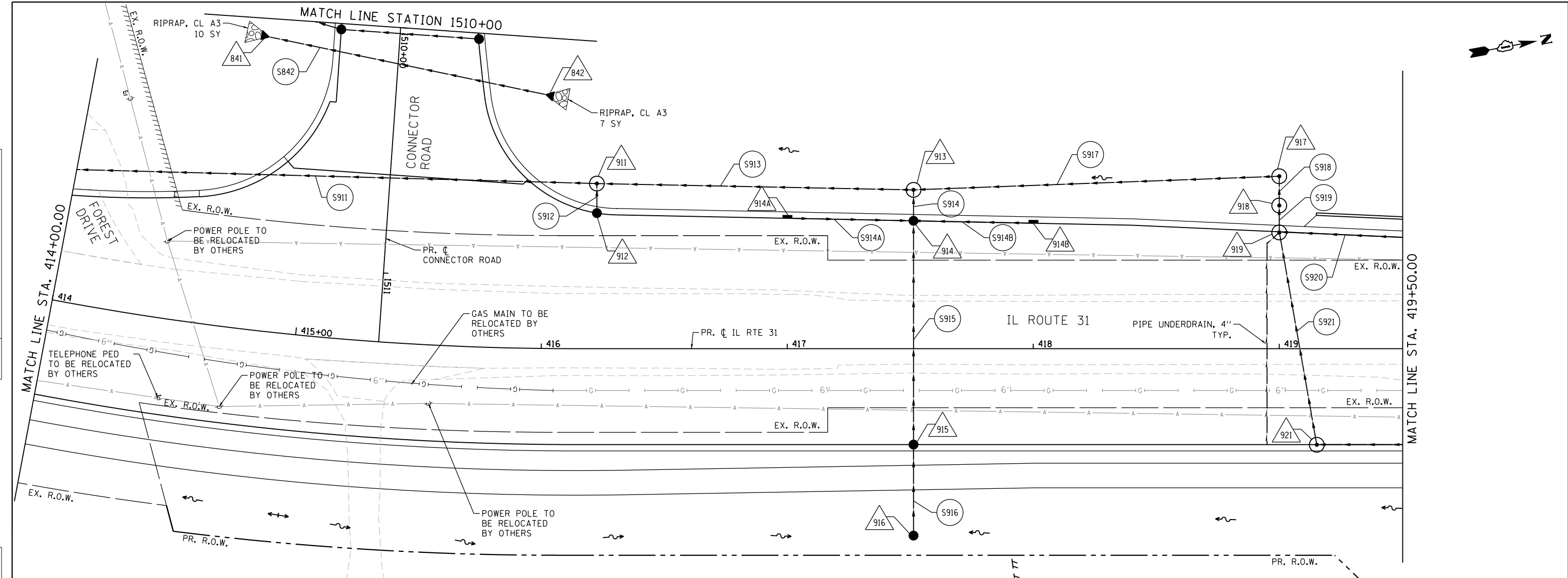
IL RTE 31
DRAINAGE AND UTILITY
 SCALE: 1" = 20' SHEET 238 OF 611 SHEETS STA. 410+00.00 TO STA. 414+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 238 |
| | | | | CONTRACT NO. 61E05 |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = WA_S94-010_KDOT_LMP_Section_B\CADD_SHEETS\Section_B2\2018\94_SHT_DRAINAGE39.dgn

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|------|--------------------------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS CHFD | |
| | NOTE BOOK NO. | |
| | CADD FILE NAME | |

| | | |
|---------|--------------------------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS CHFD | |
| | NOTE BOOK NO. | |
| | CADD FILE NAME | |



| | | | | | | | | | | | | | | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 799.07 | 800.97 | 799.89 | 801.40 | 800.61 | 801.82 | 801.24 | 802.25 | 801.85 | 802.67 | 802.42 | 803.09 | 802.74 | 803.52 | 803.26 | 803.94 | 803.86 | 804.37 | 804.37 | 804.79 | 804.90 | 805.22 | 805.33 | 805.64 |
| 414+00 | 414+50 | 415+00 | 415+50 | 416+00 | 416+50 | 417+00 | 417+50 | 418+00 | 418+50 | 419+00 | 419+50 | | | | | | | | | | | | |

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 31
DRAINAGE AND UTILITY

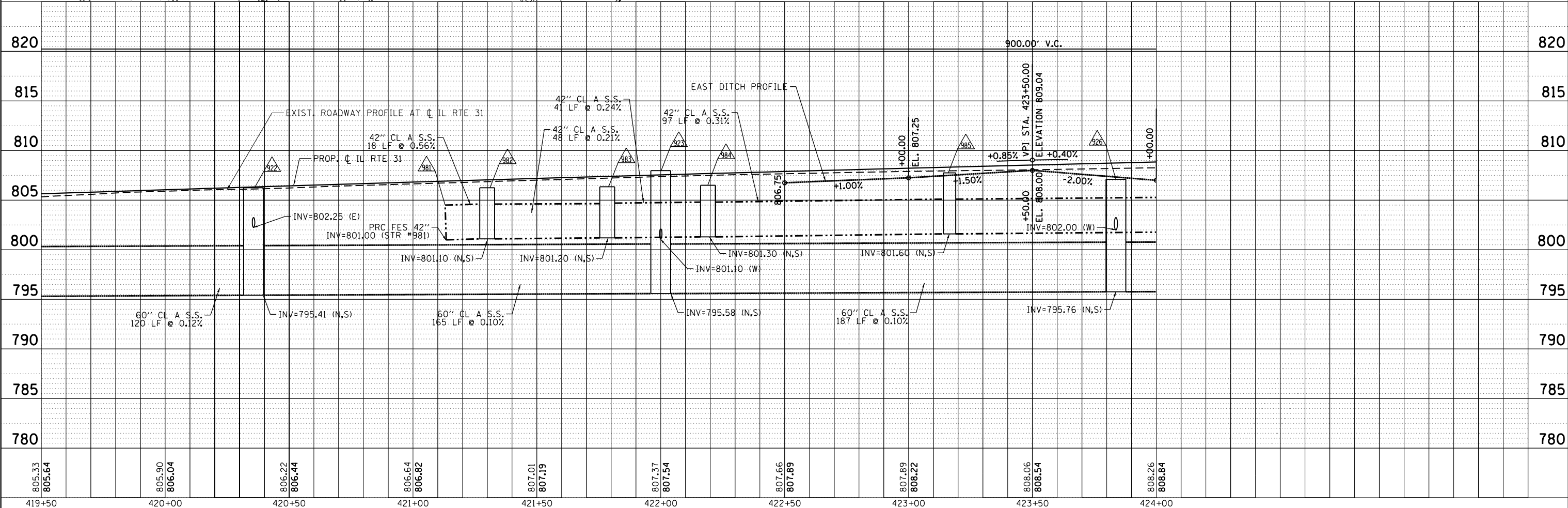
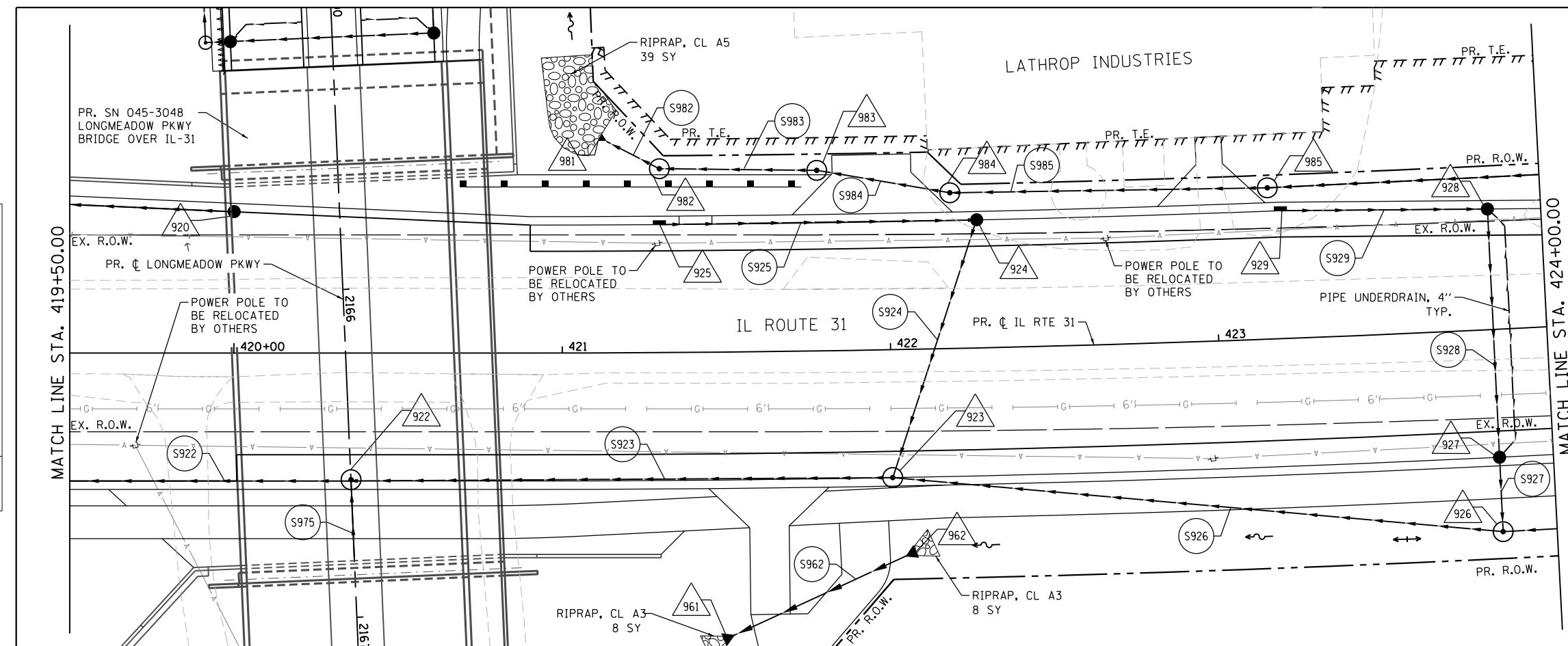
SCALE: 1" = 20' SHEET 239 OF 611 SHEETS STA. 414+00.00 TO STA. 419+50.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 239 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | ALIGNED | |
| | FILED | |
| | NO. | |
| | FILE NAME | |

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| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | GRADES | |
| | STRUCTURE | |
| | NOTATIONS | |
| | CHVD | |
| | NO. | |
| | FILE NAME | |



FILE NAME = W:\94-010\KDOT LMP Section B\CADD SHEETS\Section B2\201894_SHT.DRAINAGE41.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

USER NAME = dbruckelmeyer
DESIGNED - GJE
DRAWN - GJE
CHECKED - DBB
DATE - 08/07/2017

REVISIED -
REVISIED -
REVISIED -
REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL RTE 31
DRAINAGE AND UTILITY**
SCALE: 1" = 20'
SHEET 240 OF 611 SHEETS
STA. 419+50.00 TO STA. 424+00.00

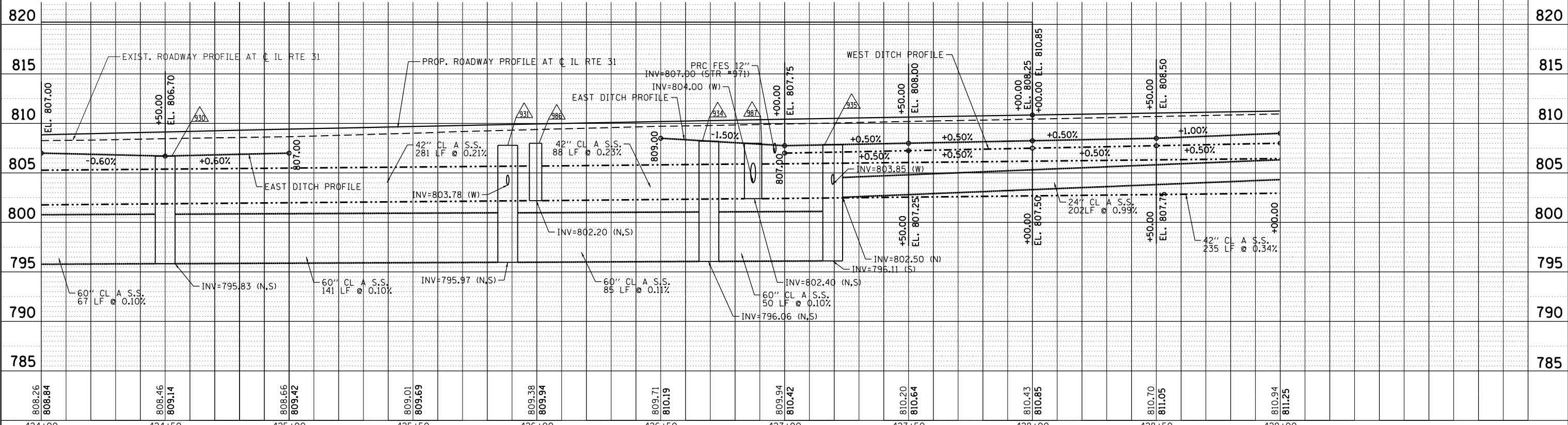
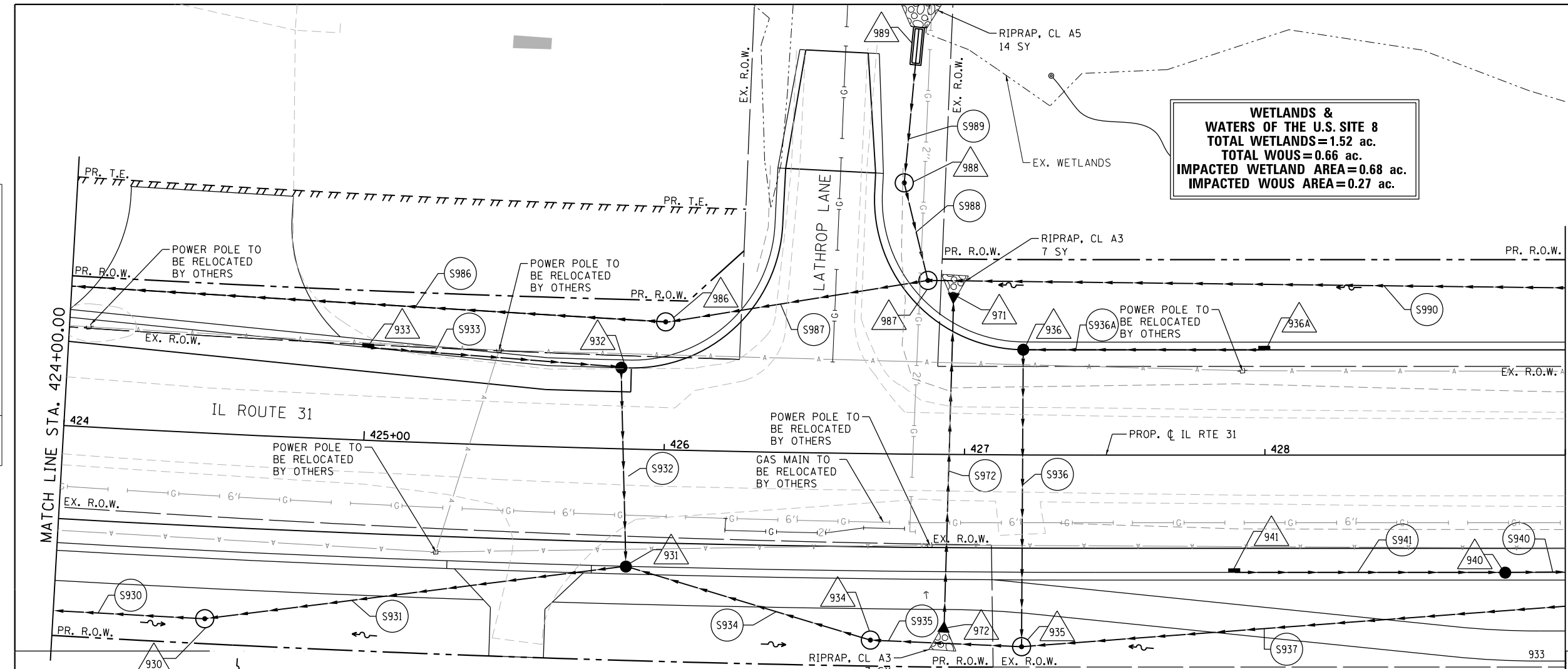
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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 240 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



WETLANDS & WATERS OF THE U.S. SITE 8
TOTAL WETLANDS=1.52 ac.
TOTAL WOUS=0.66 ac.
IMPACTED WETLAND AREA=0.68 ac.
IMPACTED WOUS AREA=0.27 ac.

| | | |
|------|--------------------------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS OK'D | |
| | NO. _____ | |
| | FILE NAME | |

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|---------|--------------------------|------|
| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS OK'D | |
| | NO. _____ | |
| | FILE NAME | |



| | | | | | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 808.26 808.84 | 808.46 809.14 | 808.66 809.42 | 809.01 809.69 | 809.38 809.94 | 809.71 810.19 | 809.94 810.42 | 810.20 810.64 | 810.43 810.85 | 810.70 811.05 | 810.94 811.25 |
| 424+00 | 424+50 | 425+00 | 425+50 | 426+00 | 426+50 | 427+00 | 427+50 | 428+00 | 428+50 | 429+00 |

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

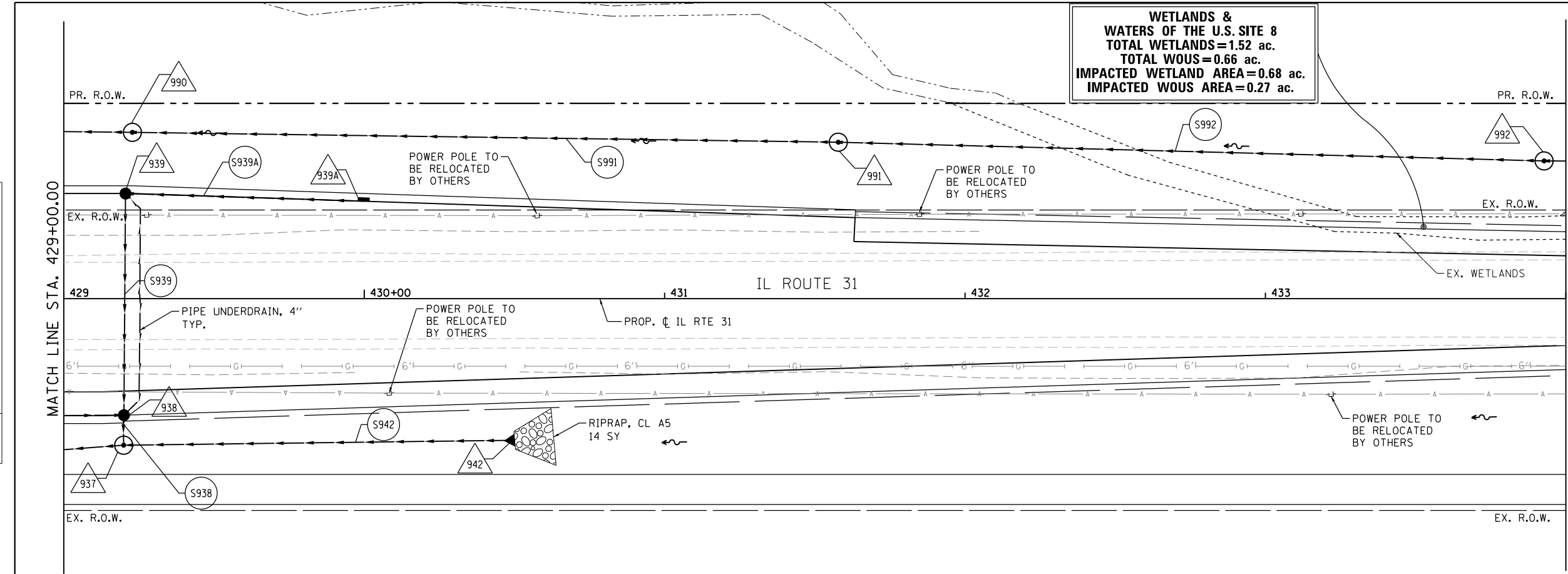
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 31
DRAINAGE AND UTILITY
 SCALE: 1" = 20' SHEET 241 OF 611 SHEETS STA. 424+00.00 TO STA. 429+00.00

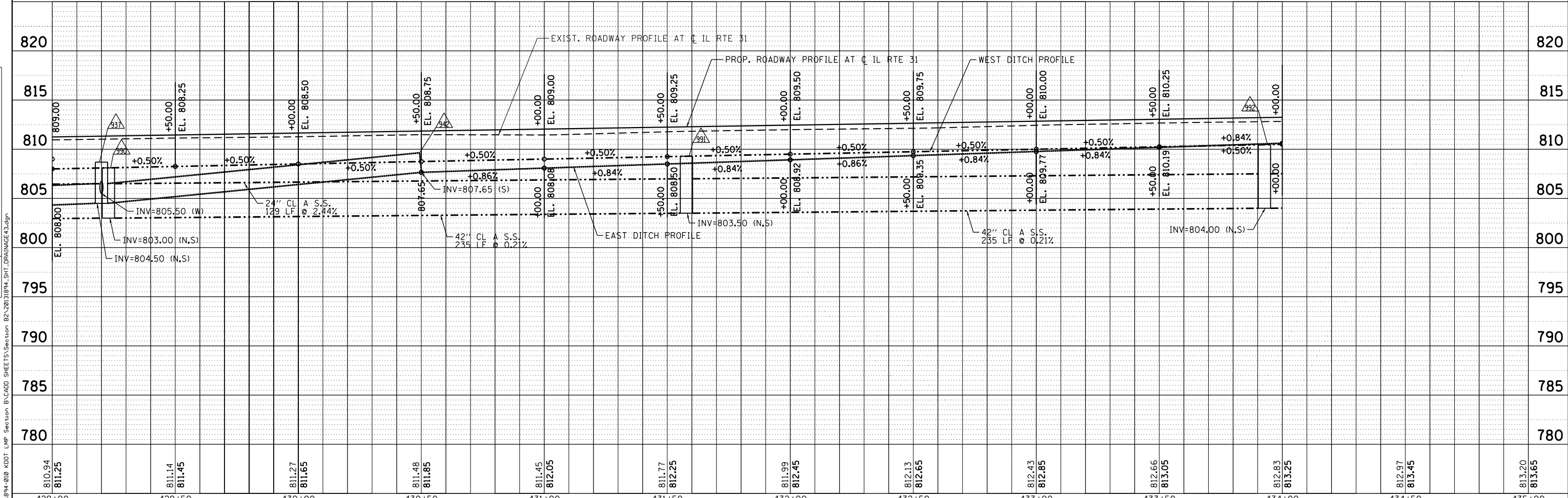
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|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 241 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
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| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | GRADES | |
| | STRUCTURE | |
| | NOTATIONS | |
| | NO. | |
| | NO. | |



WETLANDS & WATERS OF THE U.S. SITE 8
TOTAL WETLANDS=1.52 ac.
TOTAL WOUS=0.66 ac.
IMPACTED WETLAND AREA=0.68 ac.
IMPACTED WOUS AREA=0.27 ac.



Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

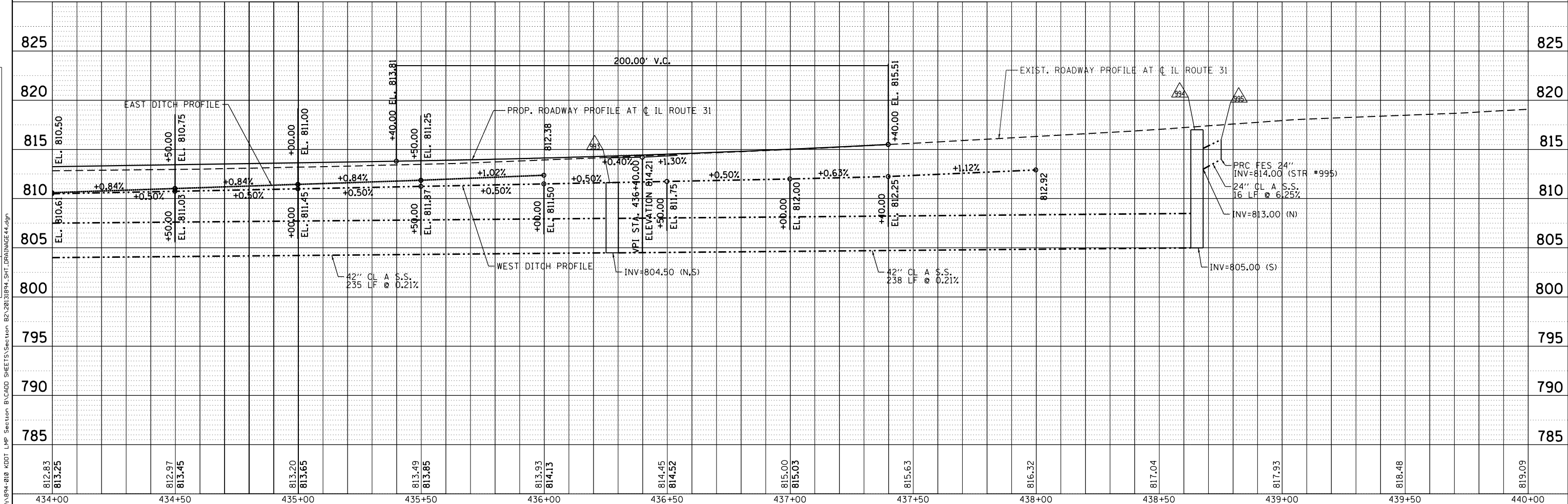
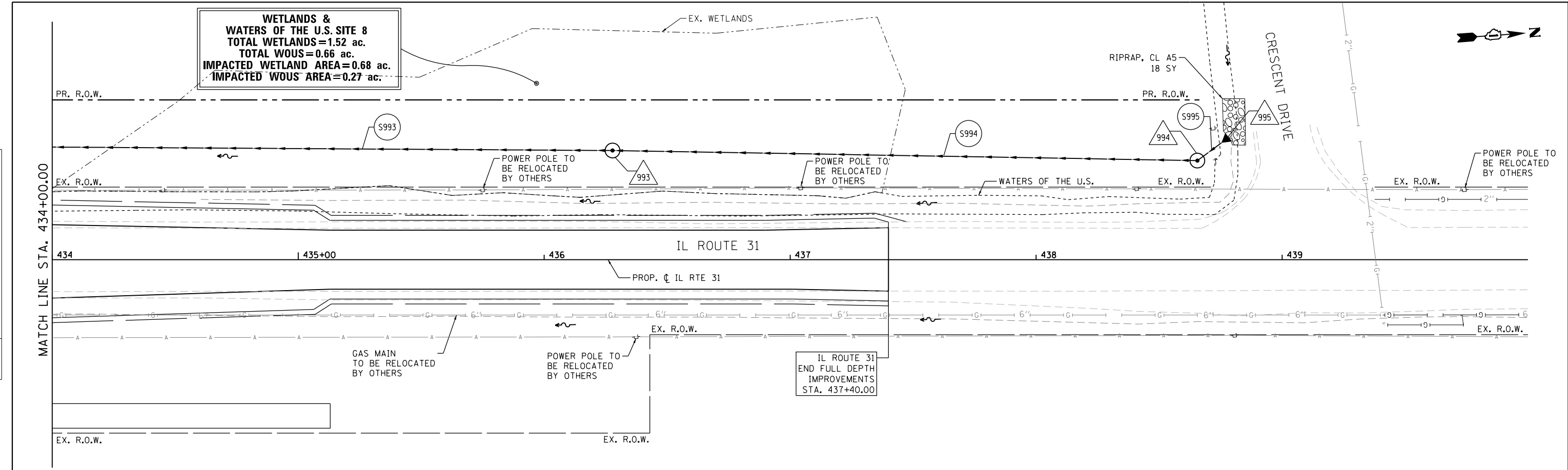
IL RTE 31
DRAINAGE AND UTILITY
 SCALE: 1" = 20' SHEET 242 OF 611 SHEETS STA. 429+00.00 TO STA. 434+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 242 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = WA_S94-010_KDOT_LMP_Section B\CADD_SHEETS\Section B2\201894_SHT.DRW\INAGE43.dwg

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| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | ALIGNED | |
| | CHECKED | |
| | FILED | |
| | NO. | |

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| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS CHECKED | |
| | NO. | |



Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 31
DRAINAGE AND UTILITY

SCALE: 1" = 20' SHEET 243 OF 611 SHEETS STA. 434+00.00 TO STA. 439+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|--------------------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 243 |
| | | | | CONTRACT NO. 61E05 |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = W:\994-010-KDOT-LMP-Section-B\CADD-SHEETS\Section-B2\201894-SHT.DRW\INAGE44.dgn

| LONGMEADOW PARKWAY DRAINAGE STRUCTURE TABLE: STA. 2144+00 TO STA. 2150+00 | | | | | | | | | | | |
|---|-------------|---------------------|----|----|------------------|---------|--------|--------|--------|--------|----------|
| STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 511 | 2149+33.64 | 68.55 LT | | | PRC FES 12" | | | 863.32 | | | - |
| 512 | 2149+33.64 | 31.00 LT | A4 | | W/ FLAT SLAB TOP | 24 | 864.14 | 864.14 | | | 869.56 |
| 513 | 2149+44.90 | 9.00 LT | A4 | | W/ FLAT SLAB TOP | 11 (NB) | 864.27 | 864.27 | | | 869.00 |
| 514 | 2149+44.90 | 31.00 RT | | A | | 24 | 864.47 | | | | 868.56 |
| 515 | 2147+24.47 | 67.29 LT | | | PRC FES 12" | | | 873.78 | | | - |
| 516 | 2147+24.47 | 31.00 LT | A4 | | W/ FLAT SLAB TOP | 24 | 874.19 | | 874.19 | | 879.58 |
| 517 | 2147+57.00 | 9.00 LT | A4 | | W/ FLAT SLAB TOP | 11 (NB) | | 874.39 | | 874.39 | 878.39 |
| 518 | 2147+24.47 | 31.00 RT | | A | | 24 | 875.58 | | | | 879.58 |
| 519 | 2144+74.49 | 59.80 RT | | | PRC FES 12" | | | 885.28 | | | - |
| 520 | 2144+74.47 | 31.00 RT | A4 | | W/ FLAT SLAB TOP | 24 | 885.42 | 885.42 | | | 890.35 |
| 521 | 2145+07.00 | 2.00 RT | A4 | | W/ FLAT SLAB TOP | 11 (NB) | | 885.63 | | 885.63 | 889.54 |
| 522 | 2144+74.47 | 31.00 LT | | A | | 24 | | | 886.35 | | 890.35 |

| DRAINAGE PARKWAY STRUCTURE TABLE: STA. 2150+00 TO STA. 2155+00 | | | | | | | | | | | |
|--|-------------|---------------------|----|----|------------------|------|--------|--------|--------|--------|----------|
| STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 502 | 2154+44.90 | 40.20 RT | A5 | | W/ FLAT SLAB TOP | 24 | 839.52 | 838.50 | 837.75 | 837.75 | 843.54 |
| 503 | 2154+44.97 | 55.72 RT | A4 | | | TY 8 | 838.75 | 838.75 | | 838.75 | 841.80 |
| 504 | 2154+44.90 | 9.00 LT | | A | | 11 | | 840.48 | | | 844.48 |
| 505 | 2153+19.81 | 31.00 RT | A5 | | W/ FLAT SLAB TOP | 24 | | 845.25 | 841.00 | 843.75 | 849.49 |
| 506 | 2153+19.81 | 47.41 RT | A4 | | | TY 8 | 845.56 | 845.56 | | 845.56 | 848.56 |
| 507 | 2151+94.89 | 31.00 RT | A5 | | W/ FLAT SLAB TOP | 24 | 851.73 | 851.73 | 847.00 | 850.00 | 855.73 |
| 508 | 2151+95.04 | 43.66 RT | A4 | | | TY 8 | 852.00 | 852.00 | | 852.00 | 854.80 |
| 509 | 2151+94.90 | 9.00 LT | | A | | 11 | | 852.50 | | | 856.50 |
| 510 | 2151+00.00 | 43.58 RT | A5 | | W/ FLAT SLAB TOP | TY 8 | | | 851.75 | 856.55 | 859.55 |

| LONGMEADOW PARKWAY DRAINAGE STRUCTURE TABLE: STA. 2155+00 TO STA. 2160+00 | | | | | | | | | | | |
|---|-------------|---------------------|----|----|------------------|------|--------|--------|--------|--------|----------|
| STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 501 | 2155+09.38 | 57.44 RT | | | PRC FES 24" | | | | | 837.00 | - |
| 531 | 2157+02.37 | 75.49 RT | | | PRC FES 12" | | | 828.00 | | | - |
| 532 | 2156+97.73 | 42.00 RT | A4 | | W/ FLAT SLAB TOP | 24 | 833.12 | 829.36 | | | 836.83 |
| 533 | 2156+97.73 | 9.00 LT | A4 | | W/ FLAT SLAB TOP | 11 | | 833.56 | | 833.56 | 837.56 |
| 534 | 2156+00.00 | 9.00 LT | | A | | 11 | | | 835.52 | | 839.52 |
| 609 | 2159+00.00 | 45.89 RT | A4 | | W/ FLAT SLAB TOP | 1 CL | 830.16 | | 830.16 | | 834.72 |
| 610 | 2159+00.00 | 38.28 RT | A4 | | W/ FLAT SLAB TOP | 24 | 830.20 | 830.20 | | | 834.35 |
| 611 | 2159+00.00 | 4.50 RT | A4 | | W/ FLAT SLAB TOP | 11 | 830.37 | 830.37 | | | 834.71 |
| 612 | 2159+00.00 | 31.00 LT | | A | | 24 | | | 830.55 | | 834.55 |

| LONGMEADOW PARKWAY DRAINAGE STRUCTURE TABLE: STA. 2160+00 TO STA. 2164+00 | | | | | | | | | | | |
|---|-------------|---------------------|----|----|------------------|---------|--------|--------|--------|--------|----------|
| STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 601 | 2162+88.00 | 153.23 RT | | | PRC FES 12" | | | 799.00 | | | - |
| 602 | 2162+88.00 | 110.73 RT | A4 | | W/ FLAT SLAB TOP | 1 CL | 805.70 | 800.45 | | | 810.00 |
| 603 | 2162+88.00 | 74.73 RT | A4 | | W/ FLAT SLAB TOP | 1 CL | 816.15 | 807.00 | | | 822.00 |
| 604 | 2162+88.00 | 38.58 RT | A4 | | W/ FLAT SLAB TOP | 1 CL | 827.52 | 817.50 | 825.00 | 827.25 | 832.31 |
| 605 | 2161+00.00 | 38.58 RT | A4 | | W/ FLAT SLAB TOP | 1 CL | 828.89 | | 828.89 | 828.89 | 833.55 |
| 606 | 2161+00.00 | 31.00 RT | A4 | | W/ FLAT SLAB TOP | 24 | 828.93 | 828.93 | | | 833.24 |
| 607 | 2161+00.00 | 2.54 RT | A4 | | W/ FLAT SLAB TOP | 11 | 829.07 | 829.07 | | | 833.43 |
| 608 | 2161+00.00 | 31.00 LT | | A | | 24 | | 829.24 | | | 833.24 |
| 613 | 2162+88.00 | 31.00 RT | A4 | | W/ FLAT SLAB TOP | 24 | 827.56 | 827.56 | | | 832.00 |
| 614 | 2162+88.00 | 9.00 LT | A4 | | W/ FLAT SLAB TOP | 11 (NB) | 827.76 | 827.76 | | 827.76 | 832.44 |
| 615 | 2162+00.00 | 3.60 LT | | A | | 11 | | | 828.96 | | 832.96 |
| 616 | 2162+87.98 | 31.00 LT | | A | | 24 | | 827.87 | | | 832.00 |
| 651 | 2161+99.56 | 156.03 RT | | | PRC FES 36" | | | 799.00 | | | - |
| 652 | 2161+79.72 | 111.32 RT | A5 | | W/ FLAT SLAB TOP | 1 CL | 805.50 | 799.40 | | | 810.75 |
| 653 | 2161+65.88 | 80.14 RT | A5 | | W/ FLAT SLAB TOP | 1 CL | 815.00 | 805.75 | | | 821.00 |
| 654 | 2161+54.00 | 53.37 RT | A5 | | W/ FLAT SLAB TOP | 1 CL | 819.00 | 815.25 | | | 830.00 |
| 655 | 2160+95.57 | 78.27 LT | A6 | | W/ FLAT SLAB TOP | 1 CL | | 820.00 | | 823.96 | 829.00 |
| 656 | 2160+81.83 | 78.27 LT | | | INLET BOX 36" | | | | 824.00 | | 825.00 |
| 661 | 2163+86.31 | 65.99 LT | | | PRC FES 15" | | | | 800.50 | | - |

| LONGMEADOW PARKWAY PIPE TABLE: STA. 2144+00 TO STA. 2150+00 | | | | | | | |
|---|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S512 | 512 | 511 | SS CL A TY 2 | 12 | 39.0 | 2.10 | 1.7 |
| S513 | 513 | 512 | SS CL A TY 2 | 12 | 25.0 | 0.52 | 7.0 |
| S514 | 514 | 513 | SS CL A TY 2 | 12 | 40.0 | 0.50 | 7.8 |
| S516 | 516 | 515 | SS CL A TY 2 | 12 | 38.0 | 1.08 | 1.4 |
| S517 | 517 | 516 | SS CL A TY 2 | 12 | 39.0 | 0.51 | 9.2 |
| S518 | 518 | 517 | SS CL A TY 2 | 12 | 52.0 | 2.29 | 7.9 |
| S520 | 520 | 519 | SS CL A TY 2 | 12 | 30.0 | 0.47 | 1.1 |
| S521 | 521 | 520 | SS CL A TY 2 | 12 | 44.0 | 0.48 | 8.5 |
| S522 | 522 | 521 | SS CL A TY 2 | 12 | 46.0 | 1.57 | 7.0 |

| LONGMEADOW PARKWAY PIPE TABLE: STA. 2150+00 TO STA. 2155+00 | | | | | | | |
|---|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S502 | 502 | 501 | SS CL A TY 2 | 24 | 66.0 | 1.14 | - |
| S503 | 503 | 502 | SS CL A TY 2 | 12 | 16.0 | 1.56 | 0.6 |
| S504 | 504 | 502 | SS CL A TY 2 | 12 | 49.0 | 1.96 | 7.5 |
| S505 | 505 | 502 | SS CL A TY 2 | 24 | 123.0 | 2.64 | 99.0 |
| S506 | 506 | 505 | SS CL A TY 2 | 12 | 16.0 | 1.94 | 0.6 |
| S507 | 507 | 505 | SS CL A TY 2 | 24 | 124.0 | 2.62 | 99.8 |
| S508 | 508 | 507 | SS CL A TY 2 | 12 | 13.0 | 2.08 | 0.7 |
| S509 | 509 | 507 | SS CL A TY 2 | 12 | 40.0 | 1.92 | 6.1 |
| S510 | 510 | 507 | SS CL A TY 2 | 24 | 94.0 | 1.86 | - |

| LONGMEADOW PARKWAY PIPE TABLE: STA. 2155+00 TO STA. 2160+00 | | | | | | | |
|---|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S532 | 532 | 531 | SS CL A TY 2 | 12 | 34.0 | 4.00 | 3.9 |
| S533 | 533 | 532 | SS CL A TY 2 | 12 | 51.0 | 0.86 | 7.8 |
| S534 | 534 | 533 | SS CL A TY 2 | 12 | 98.0 | 2.00 | 14.9 |
| S609 | 609 | 605 | SS CL A TY 2 | 12 | 200.0 | 0.63 | - |
| S610 | 610 | 609 | SS CL A TY 2 | 12 | 8.0 | 0.50 | 0.9 |
| S611 | 611 | 610 | SS CL A TY 2 | 12 | 34.0 | 0.50 | 6.6 |
| S612 | 612 | 611 | SS CL A TY 2 | 12 | 36.0 | 0.50 | 6.2 |

| LONGMEADOW PARKWAY PIPE TABLE: STA. 2160+00 TO STA. 2164+00 | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (|

LONGMEADOW PARKWAY DRAINAGE STRUCTURE TABLE: STA. 2164+00 TO STA. 2170+00

| | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
|-------|------------|-------------|---------------------|----|----|----------------------|------|-----------|--------|--------|--------|----------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 617 | 2165+23.03 | 38.58 RT | A4 | | | W/ FLAT SLAB TOP | 1 CL | 826.31 | | | 826.31 | 830.76 |
| 618 | 2165+23.03 | 31.00 RT | A4 | | | W/ FLAT SLAB TOP | 24 | 826.35 | 826.35 | | | 830.66 |
| 619 | 2165+23.03 | 31.00 LT | A4 | | | W/ FLAT SLAB TOP | 24 | | 826.66 | | 826.66 | 830.66 |
| 620 | 2164+30.00 | 31.00 LT | | | A | | 24 | | | 827.17 | | 831.17 |
| 662 | 2164+58.00 | 63.47 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | MATCH EX. | | | 800.70 | 803.55 |
| 709 | 2169+03.00 | 41.53 RT | A4 | | | W/ FLAT SLAB TOP | 1 CL | 821.26 | | 821.26 | 821.26 | 824.50 |
| 710 | 2169+03.00 | 28.90 RT | A4 | | | W/ FLAT SLAB TOP | 24 | 821.32 | 821.32 | | | 826.71 |
| 711 | 2169+03.00 | 28.90 LT | | | A | | 24 | | 821.61 | | | 826.71 |
| 712 | 2167+50.00 | 43.58 RT | A4 | | | W/ FLAT SLAB TOP | 1 CL | 824.32 | | 824.32 | | 828.00 |
| 713 | 2167+50.00 | 31.00 RT | A4 | | | W/ FLAT SLAB TOP | 24 | 824.38 | 824.38 | | | 829.38 |
| 714 | 2167+50.00 | 31.00 LT | | | A | | 24 | | 824.69 | | | 829.38 |
| *S002 | 2164+00.00 | 0.00 RT | | | | TRIPLE 6'X4' BOX CUL | | 798.20 | 798.00 | | | - |

• SEE DRAINAGE PLANS FOR FOR BOX CULVERT DESIGN DETAILS AND STRUCTURAL PLANS FOR END SECTION DETAILS AND QUANTITIES

LONGMEADOW PARKWAY DRAINAGE STRUCTURE TABLE: STA. 2170+00 TO STA. 2175+00

| | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
|-------|------------|-------------|---------------------|----|----|--------------------|------|--------|--------|--------|--------|----------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 701 | 2173+53.05 | 98.94 RT | | | | PRC FES 15" | | 797.00 | | | | - |
| 702 | 2173+47.30 | 37.58 RT | A4 | | | W/ FLAT SLAB TOP | 1 CL | 807.51 | 799.12 | | 807.26 | 813.00 |
| 703 | 2173+47.30 | 3.00 RT | A4 | | | W/ FLAT SLAB TOP | 11 | 807.68 | 807.68 | | | 812.66 |
| 704 | 2173+47.30 | 25.00 LT | | | A | | 24 | | 807.82 | | | 811.89 |
| 705 | 2170+53.26 | 37.58 RT | A4 | | | W/ FLAT SLAB TOP | 1 CL | 815.03 | | 814.78 | 815.03 | 821.00 |
| 706 | 2170+53.26 | 25.00 RT | A4 | | | | 24 | | 815.10 | 815.10 | | 822.22 |
| 707 | 2170+97.30 | 3.00 RT | A4 | | | W/ FLAT SLAB TOP | 11 | 815.35 | | | 815.35 | 820.68 |
| 708 | 2170+97.30 | 25.00 LT | | | A | | 24 | | 815.49 | | | 820.24 |
| 776 | 2172+25.83 | 96.22 LT | | | | PRC FES 18" | | | | | 800.00 | - |
| 777 | 2171+06.24 | 103.98 LT | | | | PRC FES 18" | | | | 800.50 | | - |
| *S003 | 2172+50.15 | 0.00 RT | | | | DUAL 6'X4' BOX CUL | | 799.00 | 798.50 | | | - |

• SEE DRAINAGE PLANS FOR FOR BOX CULVERT DESIGN DETAILS AND STRUCTURAL PLANS FOR END SECTION DETAILS AND QUANTITIES

LONGMEADOW PARKWAY DRAINAGE STRUCTURE TABLE: STA. 2175+00 TO STA. 2180+00

| | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
|-----|------------|-------------|---------------------|----|----|------------------|------|--------|--------|--------|--------|----------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 727 | 2179+00.00 | 47.58 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | | 799.20 | 798.95 | 798.95 | 803.48 |
| 728 | 2179+00.00 | 25.00 LT | A4 | | | W/ FLAT SLAB TOP | 24 | 800.36 | 800.36 | | | 804.36 |
| 729 | 2179+00.00 | 3.00 RT | | | A | | 11 | 801.13 | | | | 805.13 |
| 730 | 2178+00.00 | 47.58 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | | 799.85 | 799.60 | 799.85 | 804.00 |
| 731 | 2178+00.00 | 3.00 RT | A4 | | | W/ FLAT SLAB TOP | 11 | 801.63 | | | | 805.63 |
| 732 | 2177+00.00 | 47.58 LT | A4 | | | | 1 CL | | 801.24 | 801.24 | 801.24 | 807.00 |
| 733 | 2177+00.00 | 25.00 LT | A4 | | | W/ FLAT SLAB TOP | 24 | 801.36 | 801.36 | | | 805.36 |
| 734 | 2177+00.00 | 3.00 RT | | | A | | 11 | 802.13 | | | | 806.13 |
| 735 | 2175+97.34 | 47.58 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | | 801.89 | 801.89 | | 807.05 |
| 736 | 2175+97.32 | 25.00 LT | A4 | | | W/ FLAT SLAB TOP | 24 | 802.03 | 802.03 | | | 806.06 |
| 737 | 2175+97.30 | 3.00 RT | | | A | | 11 | 802.82 | | | | 806.82 |

LONGMEADOW PARKWAY PIPE TABLE: STA. 2164+00 TO STA. 2170+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|----------------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| S617 | 617 | 604 | SS CL A TY 2 | 12 | 235.0 | 0.56 | - |
| S618 | 618 | 617 | SS CL A TY 2 | 12 | 8.0 | 0.50 | 0.9 |
| S619 | 619 | 618 | SS CL A TY 2 | 12 | 62.0 | 0.50 | 10.7 |
| S620 | 620 | 619 | SS CL A TY 2 | 12 | 93.0 | 0.55 | 14.1 |
| S662 | 662 | 661 | SS CL A TY 2 | 15 | 65.0 | 0.31 | - |
| S709 | 709 | 705 | SS CL A TY 2 | 12 | 150.0 | 4.15 | - |
| S710 | 710 | 709 | SS CL A TY 2 | 12 | 13.0 | 0.46 | 0.9 |
| S711 | 711 | 710 | SS CL A TY 2 | 12 | 58.0 | 0.50 | 10.0 |
| S712 | 712 | 709 | SS CL A TY 2 | 12 | 153.0 | 2.00 | - |
| S713 | 713 | 712 | SS CL A TY 2 | 12 | 13.0 | 0.46 | 0.9 |
| S714 | 714 | 713 | SS CL A TY 2 | 12 | 62.0 | 0.50 | 14.6 |
| *S002 | - | - | TRIPLE 6'X4' BOX CUL | - | 160.0 | 0.13 | - |

• SEE STRUCTURAL PLANS FOR BOX CULVERT DESIGN DETAILS AND END SECTION DETAILS AND QUANTITIES

LONGMEADOW PARKWAY PIPE TABLE: STA. 2170+00 TO STA. 2175+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|--------------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| S702 | 702 | 701 | SS CL A TY 2 | 15 | 59.0 | 3.59 | - |
| S703 | 703 | 702 | SS CL A TY 2 | 12 | 35.0 | 0.49 | 6.4 |
| S704 | 704 | 703 | SS CL A TY 2 | 12 | 28.0 | 0.50 | 6.0 |
| S705 | 705 | 702 | SS CL A TY 2 | 15 | 297.0 | 2.53 | - |
| S706 | 706 | 705 | SS CL A TY 2 | 12 | 13.0 | 0.54 | 1.7 |
| S707 | 707 | 706 | SS CL A TY 2 | 12 | 49.0 | 0.51 | 17.7 |
| S708 | 708 | 707 | SS CL A TY 2 | 12 | 28.0 | 0.50 | 5.4 |
| S777 | 777 | 776 | P CUL CL A TY 2 | 18 | 116.0 | 0.43 | 27.9 |
| *S003 | - | - | DUAL 6'X4' BOX CUL | - | 133.2 | 0.38 | - |

• SEE STRUCTURAL PLANS FOR BOX CULVERT DESIGN DETAILS AND END SECTION DETAILS AND QUANTITIES

LONGMEADOW PARKWAY PIPE TABLE: STA. 2175+00 TO STA. 2180+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| S727 | 727 | 725 | SS CL A TY 2 | 15 | 98.0 | 0.51 | - |
| S728 | 728 | 727 | SS CL A TY 2 | 12 | 23.0 | 5.04 | 3.2 |
| S729 | 729 | 728 | SS CL A TY 2 | 12 | 28.0 | 2.75 | 4.3 |
| S730 | 730 | 727 | SS CL A TY 2 | 15 | 98.0 | 0.66 | - |
| S731 | 731 | 730 | SS CL A TY 2 | 12 | 51.0 | 3.49 | 7.1 |
| S732 | 732 | 730 | SS CL A TY 2 | 12 | 98.0 | 1.42 | - |
| S733 | 733 | 732 | SS CL A TY 2 | 12 | 23.0 | 0.52 | 4.8 |
| S734 | 734 | 733 | SS CL A TY 2 | 12 | 28.0 | 2.75 | 4.3 |
| S735 | 735 | 732 | SS CL A TY 2 | 12 | 101.0 | 0.64 | - |
| S736 | 736 | 735 | SS CL A TY 2 | 12 | 23.0 | 0.61 | 4.0 |
| S737 | 737 | 736 | SS CL A TY 2 | 12 | 28.0 | 2.82 | 4.3 |

FILE NAME = WA 894-010 XDOT LWP Section B\CADD SHEETS\Section B2\20131894_SHT_DRAINAGE_TABLES.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
DRAINAGE TABLES

SHEET 245 OF 611 SHEETS STA. TO STA.

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 245 |
| CONTRACT NO. 61E05 | | | ILLINOIS FED. AID PROJECT | |

LONGMEADOW PARKWAY DRAINAGE STRUCTURE TABLE: STA. 2180+00 TO STA. 2185+00

| STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV | |
|------|-------------|---------------------|----|----|-------|-------------------------|--------|--------|--------|--------|----------|--------|
| | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | | |
| 721 | 2180+97.30 | 74.22 RT | | | | PRC FES 15" | | 797.00 | | | | - |
| 722 | 2180+97.30 | 3.00 RT | A4 | | | | 11 | 797.69 | 797.69 | | | 804.14 |
| 723 | 2180+97.30 | 25.00 LT | A4 | | | W/ FLAT SLAB TOP | 24 | 797.83 | 797.83 | | | 803.37 |
| 724 | 2180+97.30 | 47.58 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | | 797.95 | | 797.95 | 802.50 |
| 725 | 2180+00.00 | 47.58 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | | 798.70 | 798.45 | 798.45 | 803.05 |
| 726 | 2180+00.00 | 3.00 RT | | A4 | | W/ FLAT SLAB TOP | 11 | 800.63 | | | | 804.63 |
| 741 | 2183+70.74 | 81.30 RT | | | | PRC FES 24" | | 796.00 | | | | - |
| 742 | 2183+89.92 | 37.58 RT | A5 | | | W/ FLAT SLAB TOP | 1 CL | 797.50 | 796.75 | 799.30 | 797.50 | 803.50 |
| 743 | 2182+43.82 | 37.58 RT | A4 | | | W/ FLAT SLAB TOP | 1 CL | 798.32 | | 798.32 | | 803.90 |
| 744 | 2182+43.82 | 3.00 RT | | A4 | | W/ FLAT SLAB TOP | 11 | 798.50 | 798.50 | | 798.50 | 803.41 |
| 745 | 2182+00.00 | 3.00 RT | | A | | | 11 | | | 799.63 | | 803.63 |
| 746 | 2182+43.82 | 25.00 LT | | A | | | 24 | | 798.64 | | | 802.64 |
| 747 | 2183+89.92 | 3.00 RT | A4 | | | W/ FLAT SLAB TOP | 11 | 797.86 | 797.86 | | 797.86 | 802.77 |
| 748 | 2183+50.00 | 3.00 RT | | A | | | 11 | | | 798.91 | | 802.91 |
| 749 | 2183+89.92 | 25.00 LT | | A | | | 24 | | 798.00 | | | 802.00 |
| 750 | 2184+49.72 | 37.58 RT | A5 | | | W/ FLAT SLAB TOP | 1 CL | | | 799.43 | 799.43 | 803.12 |
| 771 | 2184+49.90 | 60.74 LT | | | | PRC FES 15" | | | 797.75 | | | - |
| 772 | 2184+49.90 | 25.00 LT | A4 | | | W/ FLAT SLAB TOP | 24 | 798.00 | 798.00 | 798.00 | | 801.93 |
| 773 | 2184+49.90 | 3.00 RT | | A | | | 11 | 798.72 | | | | 802.70 |
| 781 | 2184+11.30 | 64.80 RT | | | | PRC FES 36" EO | | 796.00 | | | | - |
| 782 | 2184+15.54 | 57.28 LT | | | | CONC END SEC 36 EO, 1:3 | T.G. | | 797.50 | | | - |
| 791 | 2183+62.77 | 152.15 RT | | | | PRC FES 12" | | 795.50 | | | | - |
| 792 | 2183+61.21 | 130.48 RT | A6 | | | RESTRICTOR 3.72" | 1 CL | | 795.70 | | 796.70 | 802.50 |
| 793 | 2183+37.18 | 110.70 RT | | | | PRC FES 12" | | | | 797.00 | | - |

LONGMEADOW PARKWAY DRAINAGE STRUCTURE TABLE: STA. 2185+00 TO STA. 2188+00

| STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV | |
|------|-------------|---------------------|----|----|-------|------------------|--------|--------|--------|--------|----------|--------|
| | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | | |
| 751 | 2186+00.00 | 37.58 RT | A5 | | | W/ FLAT SLAB TOP | 1 CL | 799.75 | | 799.75 | 799.75 | 803.50 |
| 752 | 2186+00.00 | 3.00 RT | | A4 | | W/ FLAT SLAB TOP | 11 | | 799.92 | | | 803.13 |
| 753 | 2187+10.31 | 37.58 RT | A5 | | | W/ FLAT SLAB TOP | 1 CL | 799.98 | | 799.98 | 799.98 | 803.85 |
| 754 | 2187+10.31 | 25.00 RT | | A4 | | W/ FLAT SLAB TOP | 24 | 800.04 | 800.04 | | | 803.68 |
| 755 | 2187+10.31 | 25.00 LT | | A | | | 24 | | 800.29 | | | 803.24 |
| 756 | 2188+00.00 | 42.58 RT | A5 | | | W/ FLAT SLAB TOP | 1 CL | | | 800.17 | 800.17 | 804.17 |
| 774 | 2185+09.92 | 25.00 LT | | A4 | | W/ FLAT SLAB TOP | 24 | | 798.30 | | 798.30 | 802.00 |
| 775 | 2185+09.92 | 3.00 RT | | A | | | 11 | 798.77 | | | | 802.77 |

LONGMEADOW PARKWAY PIPE TABLE: STA. 2180+00 TO STA. 2185+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|-----------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| S722 | 722 | 721 | SS CL A TY 2 | 15 | 69.0 | 1.00 | 18.9 |
| S723 | 723 | 722 | SS CL A TY 2 | 15 | 28.0 | 0.50 | 10.5 |
| S724 | 724 | 723 | SS CL A TY 2 | 15 | 23.0 | 0.52 | 4.8 |
| S725 | 725 | 724 | SS CL A TY 2 | 15 | 96.0 | 0.52 | - |
| S726 | 726 | 725 | SS CL A TY 2 | 12 | 51.0 | 3.78 | 5.6 |
| S742 | 742 | 741 | SS CL A TY 2 | 24 | 45.0 | 1.67 | - |
| S743 | 743 | 742 | SS CL A TY 2 | 12 | 148.0 | 0.55 | - |
| S744 | 744 | 743 | SS CL A TY 2 | 12 | 35.0 | 0.51 | 7.4 |
| S745 | 745 | 744 | SS CL A TY 2 | 12 | 44.0 | 2.57 | 9.5 |
| S746 | 746 | 744 | SS CL A TY 2 | 12 | 28.0 | 0.50 | 6.0 |
| S747 | 747 | 742 | SS CL A TY 2 | 12 | 35.0 | 1.03 | 7.4 |
| S748 | 748 | 747 | SS CL A TY 2 | 12 | 40.0 | 2.62 | 8.6 |
| S749 | 749 | 747 | SS CL A TY 2 | 12 | 28.0 | 0.50 | 6.0 |
| S750 | 750 | 742 | SS CL A TY 2 | 24 | 61.0 | 0.21 | - |
| S772 | 772 | 771 | SS CL A TY 2 | 15 | 34.0 | 0.74 | 3.1 |
| S773 | 773 | 772 | SS CL A TY 2 | 12 | 28.0 | 2.57 | 4.3 |
| S774 | 774 | 773 | SS CL A TY 2 | 12 | 59.0 | 0.51 | 7.8 |
| S782 | 782 | 781 | P CUL CL A TY 2 | 36 EO. | 170.0 | 0.88 | 19.4 |
| S792 | 792 | 791 | SS CL A TY 2 | 12 | 22.0 | 0.91 | - |
| S793 | 793 | 792 | SS CL A TY 2 | 12 | 33.0 | 0.91 | - |

LONGMEADOW PARKWAY PIPE TABLE: STA. 2185+00 TO STA. 2188+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| S751 | 751 | 750 | SS CL A TY 2 | 24 | 152.0 | 0.21 | - |
| S752 | 752 | 751 | SS CL A TY 1 | 12 | 35.0 | 0.49 | 3.5 |
| S753 | 753 | 751 | SS CL A TY 2 | 24 | 111.0 | 0.21 | - |
| S754 | 754 | 753 | SS CL A TY 1 | 12 | 15.0 | 0.40 | 0.6 |
| S755 | 755 | 754 | SS CL A TY 1 | 12 | 50.0 | 0.50 | 6.6 |
| S756 | 756 | 755 | SS CL A TY 1 | 24 | 90.0 | 0.21 | - |
| S775 | 775 | 774 | SS CL A TY 2 | 12 | 28.0 | 1.68 | 4.3 |

FILE NAME = \\A:\94-010\KDOT_LMP_Section\B\CADD_SHEETS\Section B2\20131894_SHT_DRAINAGE_TABLES.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| DRAWN - GJE | REVISIONS - | |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
DRAINAGE TABLES**

SHEET 246 OF 611 SHEETS STA. TO STA.

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 246 |
| CONTRACT NO. 61E05 | | | ILLINOIS FED. AID PROJECT | |

| CONNECTOR ROAD DRAINAGE STRUCTURE TABLE: STA. 1500+00 TO STA. 1506+00 | | | | | | | | | | | | |
|---|------------|-------------|---------------------|----|----|------------------|------|--------|--------|--------|--------|----------|
| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 805 | 1505+67.06 | 31.58 LT | A4 | | | | 1 CL | | 810.62 | 804.05 | 809.62 | 815.06 |
| 806 | 1505+67.06 | 24.00 LT | | A4 | | W/ FLAT SLAB TOP | 24 | 810.76 | | | | 814.76 |
| 807 | 1504+66.34 | 31.58 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | | | 811.23 | 814.00 | 819.35 |
| 808 | 1503+61.77 | 31.58 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | 818.37 | | 815.58 | 819.25 | 823.81 |
| 809 | 1503+61.76 | 24.00 LT | | A4 | | W/ FLAT SLAB TOP | 24 | | | 819.51 | | 823.51 |
| 810 | 1502+55.30 | 31.80 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | 822.50 | 820.00 | | | 828.34 |
| 811 | 1501+56.46 | 31.62 LT | A4 | | | W/ FLAT SLAB TOP | 1 CL | 825.80 | 824.13 | | 827.75 | 832.34 |
| 812 | 1501+56.46 | 24.00 LT | | A4 | | W/ FLAT SLAB TOP | 24 | | | 828.04 | 828.04 | 832.04 |
| 813 | 1501+56.46 | 25.29 RT | | | A | | 24 | | | 828.52 | | 832.52 |
| 814 | 1501+25.08 | 31.58 LT | A5 | | | | 1 CL | | 826.40 | | 826.40 | 833.25 |
| 815 | 1501+25.08 | 53.96 RT | | | | PRC FES 24" | | | | 827.00 | | - |

| CONNECTOR ROAD DRAINAGE STRUCTURE TABLE: STA. 1506+00 TO STA. 1511+00 | | | | | | | | | | | | |
|---|------------|-------------|---------------------|----|----|----------------------|------|--------|--------|--------|--------|----------|
| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 801 | 1507+75.81 | 74.09 LT | | | | PRC FES 24" | | | 798.00 | | | - |
| 802 | 1507+72.36 | 31.58 LT | A5 | | | W/ FLAT SLAB TOP | 1 CL | 798.50 | 801.50 | | 800.15 | 806.31 |
| 803 | 1507+72.36 | 24.00 LT | | A4 | | W/ FLAT SLAB TOP | 24 | 801.77 | 801.77 | | | 806.01 |
| 804 | 1507+72.36 | 24.00 RT | | | A | | 24 | 802.01 | | | | 806.01 |
| 821 | 1509+96.24 | 50.72 RT | | | | PRC FES 15" | | | 793.90 | | | - |
| 822 | 1510+2.40 | 24.00 RT | | A4 | | W/ FLAT SLAB TOP | 24 | 794.27 | 794.02 | | 794.70 | 798.70 |
| 823 | 1509+77.67 | 24.00 RT | | | A | | 24 | | | 794.82 | | 798.82 |
| 824 | 1510+02.40 | 32.14 LT | | A4 | | W/ FLAT SLAB TOP | 24 | | 794.55 | | 794.55 | 798.55 |
| 825 | 1509+77.67 | 28.63 LT | | | A | | 24 | | | 794.72 | | 798.70 |
| 831 | 1509+09.63 | 80.61 LT | | | | PRC FES 12" | | | | | 796.00 | - |
| 832 | 1508+76.08 | 82.90 LT | A6 | | | RESTRICTOR 2.7" | 1 CL | | | 796.35 | 797.50 | 803.50 |
| 833 | 1508+56.90 | 99.47 LT | | | | PRC FES 12" | | | | 798.00 | | - |
| 841 | 1510+07.11 | 54.98 RT | | | | PRC FES 12" | | 794.00 | | | | - |
| 842 | 1510+23.40 | 62.79 LT | | | | PRC FES 12" | | | | 796.00 | | - |
| *S004 | 1509+13.75 | 0.00 RT | | | | TRIPLE 6'x4' BOX CUL | | 794.00 | 793.50 | | | - |

* SEE DRAINAGE PLANS FOR FOR BOX CULVERT DESIGN DETAILS AND STRUCTURAL PLANS FOR END SECTION DETAILS

| CONNECTOR ROAD PIPE TABLE: STA. 1500+00 TO STA. 1506+00 | | | | | | | |
|---|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S806 | 806 | 805 | SS CL A TY 2 | 12 | 8.0 | 1.75 | 0.8 |
| S807 | 807 | 805 | SS CL A TY 2 | 24 | 90.0 | 1.79 | - |
| S808 | 808 | 807 | SS CL A TY 2 | 24 | 91.0 | 1.74 | - |
| S809 | 809 | 808 | SS CL A TY 2 | 12 | 8.0 | 3.25 | 0.9 |
| S810 | 810 | 808 | SS CL A TY 2 | 24 | 92.0 | 1.77 | - |
| S811 | 811 | 810 | SS CL A TY 2 | 24 | 90.0 | 1.81 | - |
| S812 | 812 | 811 | SS CL A TY 2 | 12 | 8.0 | 3.62 | 0.9 |
| S813 | 813 | 812 | SS CL A TY 2 | 12 | 49.0 | 0.98 | 7.5 |
| S814 | 814 | 811 | SS CL A TY 2 | 24 | 31.0 | 1.94 | - |
| S815 | 815 | 814 | SS CL A TY 2 | 24 | 85.0 | 0.71 | 24.1 |

| CONNECTOR ROAD PIPE TABLE: STA. 1506+00 TO STA. 1511+00 | | | | | | | |
|---|---------------|---------|----------------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S802 | 802 | 801 | SS CL A TY 2 | 24 | 40.0 | 1.25 | - |
| S803 | 803 | 802 | SS CL A TY 2 | 12 | 8.0 | 3.37 | 1 |
| S804 | 804 | 803 | SS CL A TY 2 | 12 | 48.0 | 0.50 | 8.3 |
| S805 | 805 | 802 | SS CL A TY 2 | 24 | 205.0 | 1.90 | - |
| S822 | 822 | 821 | SS CL A TY 2 | 15 | 25.0 | 0.48 | 1.2 |
| S823 | 823 | 822 | SS CL A TY 2 | 12 | 25.0 | 0.48 | 3.8 |
| S824 | 824 | 822 | SS CL A TY 2 | 12 | 56.0 | 0.50 | 9.7 |
| S825 | 825 | 824 | SS CL A TY 2 | 12 | 25.0 | 0.68 | 3.8 |
| S832 | 832 | 831 | SS CL A TY 2 | 12 | 30.0 | 1.17 | - |
| S833 | 833 | 832 | SS CL A TY 2 | 12 | 21.0 | 2.38 | - |
| S842 | 842 | 841 | P CUL CL A TY 1 | 12 | 106.0 | 1.89 | 9.1 |
| *S004 | - | - | TRIPLE 6'x4' BOX CUL | - | 63.7 | 0.78 | - |

* SEE DRAINAGE PLANS FOR FOR BOX CULVERT DESIGN DETAILS AND STRUCTURAL PLANS FOR END SECTION DETAILS

| FOREST DRIVE DRAINAGE STRUCTURE TABLE: STA. 1+50 TO STA. 7+50 | | | | | | | | | | | | |
|---|---------|-------------|---------------------|----|----|-------------|-----|--------|-----|--------|--------|----------|
| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 852 | 5+56.00 | 23.09 RT | | | | PRC FES 12" | | | | 898.06 | | - |
| 851 | 5+70.46 | 23.16 RT | | | | PRC FES 12" | | | | | 897.88 | - |
| 862 | 6+38.08 | 21.76 RT | | | | PRC FES 12" | | | | 896.68 | | - |
| 861 | 6+51.03 | 21.47 RT | | | | PRC FES 12" | | | | | 896.60 | - |

| FOREST DRIVE PIPE TABLE: STA. 1+50 TO STA. 7+50 | | | | | | | |
|---|---------------|---------|-----------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S852 | 852 | 851 | P CUL CL A TY 1 | 12 | 18.0 | 1.00 | 1.0 |
| S862 | 862 | 861 | P CUL CL A TY 1 | 12 | 16.0 | 0.50 | 1.0 |

| FOREST DRIVE DRAINAGE STRUCTURE TABLE: STA. 7+50 TO STA. 11+35 | | | | | | | | | | | | |
|--|----------|-------------|---------------------|----|----|-------------|-----|--------|-----|--------|--------|----------|
| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 872 | 10+28.39 | 15.75 RT | | | | PRC FES 15" | | | | 891.63 | | - |
| 871 | 10+47.64 | 15.69 RT | | | | PRC FES 15" | | | | | 891.41 | - |

| FOREST DRIVE PIPE TABLE: STA. 7+50 TO STA. 11+35 | | | | | | | |
|--|---------------|---------|-----------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S872 | 872 | 871 | P CUL CL A TY 1 | 15 | 22.0 | 1.00 | 1.0 |

| FOREST DRIVE DRAINAGE STRUCTURE TABLE: STA. 11+35 TO STA. 15+00 | | | | | | | | | | | | |
|---|----------|-------------|---------------------|----|----|-------------|-----|--------|--------|-----|-----|----------|
| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 882 | 13+37.01 | 18.45 RT | | | | PRC FES 15" | | 885.06 | | | | - |
| 881 | 13+60.30 | 15.56 RT | | | | PRC FES 15" | | 884.14 | | | | - |
| 892 | 14+41.23 | 15.35 RT | | | | PRC FES 15" | | | 878.13 | | | - |
| 891 | 14+64.11 | 16.78 RT | | | | PRC FES 15" | | 876.83 | | | | - |

| FOREST DRIVE PIPE TABLE: STA. 11+35 TO STA. 15+00 | | | | | | | |
|---|---------------|---------|-----------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S882 | 882 | 881 | P CUL CL A TY 1 | 15 | 27.0 | 3.41 | 1.0 |
| S892 | 892 | 891 | P CUL CL A TY 1 | 15 | 27.0 | 4.81 | 1.0 |

FILE NAME = W:\994-010 KDOT LWP Section B\CADD SHEETS\Section B2\20\31894_SHT_DRAINAGE_TABLES.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONNECTOR ROAD AND FOREST DRIVE
DRAINAGE TABLES**

SHEET 247 OF 611 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 247 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| IL ROUTE 31 DRAINAGE STRUCTURE TABLE: STA. 400+00 TO STA. 405+00 | | | | | | | | | | | | |
|--|-----------|-------------|---------------------|----|----|-------------|-----|--------|-----|--------|-----|----------|
| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 946 | 404+37.19 | 55.90 LT | | | | PRC FES 24" | | | | 793.50 | | - |

| IL ROUTE 31 PIPE TABLE: STA. 400+00 TO STA. 405+00 | | | | | | | |
|--|---------------|---------|-----------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S946 | 946 | 945 | P CUL CL A TY 2 | 24 | 146.0 | 1.71 | 0.5 |

| IL ROUTE 31 DRAINAGE STRUCTURE TABLE: STA. 405+00 TO STA. 410+00 | | | | | | | | | | | | |
|--|-----------|-------------|---------------------|----|----|---------------|-----|--------|-----|--------|--------|----------|
| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 945 | 405+31.92 | 53.65 RT | | | | PRC FES 24" | | | | | 791.00 | - |
| S005 | 409+55.00 | 0.00 RT | | | | 8'X7' BOX CUL | | | | 785.50 | 786.50 | - |

| IL ROUTE 31 PIPE TABLE: STA. 405+00 TO STA. 410+00 | | | | | | | |
|--|---------------|---------|---------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S005 | - | - | 8'X7' BOX CUL | - | 126.0 | 0.79 | - |

* SEE STRUCTURAL PLANS FOR BOX CULVERT DESIGN DETAILS AND END SECTION DETAILS

* SEE STRUCTURAL PLANS FOR BOX CULVERT DESIGN DETAILS AND END SECTION DETAILS

| IL ROUTE 31 DRAINAGE STRUCTURE TABLE: STA. 410+00 TO STA. 414+00 | | | | | | | | | | | | |
|--|-----------|-------------|---------------------|----|----|------------------|------|--------|--------|--------|--------|----------|
| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 901 | 410+47.76 | 56.11 LT | | | | WALL | | 788.20 | | | | - |
| 902 | 410+48.76 | 49.80 LT | A9 | | | W/ FLAT SLAB TOP | 1 CL | 788.23 | | 791.50 | 788.23 | 795.50 |
| 903 | 410+48.76 | 39.00 LT | | A4 | | W/ FLAT SLAB TOP | 24 | 791.75 | | | 791.75 | 797.30 |
| 903A | 411+00.00 | 39.00 LT | | | A | | 24 | | 793.51 | | | 797.51 |
| 904 | 411+50.00 | 47.58 LT | A7 | | | W/ FLAT SLAB TOP | 1 CL | 788.71 | 788.71 | 792.50 | | 796.50 |
| 905 | 411+50.00 | 39.00 LT | | A4 | | W/ FLAT SLAB TOP | 24 | | | | 792.75 | 797.70 |
| 906 | 412+50.00 | 47.58 LT | A7 | | | W/ FLAT SLAB TOP | 1 CL | 789.18 | 789.18 | 793.75 | | 797.75 |
| 907 | 412+50.00 | 39.00 LT | | A4 | | W/ FLAT SLAB TOP | 24 | | | | 794.13 | 798.14 |
| 908 | 413+20.24 | 46.69 LT | A8 | | | RESTRICTOR 21" | 1 CL | 789.50 | 789.50 | | | 798.00 |
| 909 | 413+72.58 | 49.40 LT | A8 | | | W/ FLAT SLAB TOP | 1 CL | 789.55 | 789.55 | 794.75 | | 799.00 |
| 910 | 413+72.58 | 40.84' LT | | A4 | | W/ FLAT SLAB TOP | 24 | | | | 795.00 | 799.10 |
| 951 | 412+80.54 | 73.86 RT | | | | PRC FES 12" | | 798.25 | | | | - |
| 952 | 413+18.01 | 73.38 RT | | | | PRC FES 12" | | | 798.75 | | | - |

| IL ROUTE 31 PIPE TABLE: STA. 410+00 TO STA. 414+00 | | | | | | | |
|--|---------------|---------|-----------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S902 | 902 | 901 | SS CL A TY 2 | 48 | 6.0 | 0.50 | - |
| S903 | 903 | 902 | SS CL A TY 2 | 12 | 10.0 | 2.50 | 1.5 |
| S903A | 903A | 903 | SS CL A TY 2 | 12 | 50.0 | 3.52 | 11.8 |
| S904 | 904 | 902 | SS CL A TY 2 | 48 | 97.0 | 0.49 | - |
| S905 | 905 | 904 | SS CL A TY 2 | 12 | 8.0 | 3.13 | 1.2 |
| S906 | 906 | 904 | SS CL A TY 2 | 48 | 96.0 | 0.49 | - |
| S907 | 907 | 906 | SS CL A TY 2 | 12 | 8.0 | 4.75 | 1.1 |
| S908 | 908 | 906 | SS CL A TY 2 | 48 | 67.0 | 0.48 | - |
| S909 | 909 | 908 | SS CL A TY 2 | 60 | 50.0 | 0.10 | - |
| S910 | 910 | 909 | SS CL A TY 2 | 12 | 9.0 | 2.78 | 0.6 |
| S952 | 952 | 951 | P CUL CL A TY 1 | 15 | 40.0 | 1.25 | 2.4 |

| IL ROUTE 31 DRAINAGE STRUCTURE TABLE: STA. 414+00 TO STA. 419+50 | | | | | | | | | | | | |
|--|-----------|-------------|---------------------|----|----|------------------|------|--------|--------|--------|--------|----------|
| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| 911 | 416+22.62 | 67.15 LT | A8 | | | W/ FLAT SLAB TOP | 1 CL | 789.79 | 789.79 | 797.00 | | 801.00 |
| 912 | 416+22.62 | 55.13 LT | | A4 | | W/ FLAT SLAB TOP | 24 | | | | 797.49 | 801.89 |
| 913 | 417+51.33 | 64.58 LT | A8 | | | W/ FLAT SLAB TOP | 1 CL | 789.92 | 789.92 | 791.50 | | 802.00 |
| 914 | 417+51.33 | 51.99 LT | | A4 | | W/ FLAT SLAB TOP | 24 | 799.00 | 798.00 | 792.10 | 791.60 | 803.17 |
| 914A | 417+00.00 | 53.02 LT | | | A | | 24 | 798.46 | | | | 802.46 |
| 914B | 418+00.00 | 51.02 LT | | | A | | 24 | | 799.35 | | | 803.35 |
| 915 | 417+51.33 | 39.00 RT | | A4 | | | 24 | | | 792.56 | 792.56 | 804.31 |
| 916 | 417+51.33 | 76.00 RT | | A4 | | W/ FLAT SLAB TOP | TY 8 | | | | 792.75 | 796.75 |
| 917 | 419+00.00 | 70.12 LT | A9 | | | W/ FLAT SLAB TOP | 1 CL | | 790.07 | 795.10 | | 804.00 |
| 918 | 419+00.00 | 58.21 LT | A8 | | | RESTRICTOR 21" | 1 CL | | | 795.14 | 795.14 | 804.00 |
| 919 | 419+00.00 | 47.53 LT | A8 | | | W/ FLAT SLAB TOP | 24 | 800.27 | | 795.16 | 795.16 | 804.44 |
| 921 | 419+15.24 | 39.00 RT | A9 | | | W/ FLAT SLAB TOP | 24 | 795.27 | | | 795.27 | 804.89 |

| IL ROUTE 31 PIPE TABLE: STA. 414+00 TO STA. 419+50 | | | | | | | |
|--|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
| | FROM STR. | TO STR. | | | | | |
| S911 | 911 | 919 | SS CL A TY 2 | 60 | 238.0 | 0.10 | 179.7 |
| S912 | 912 | 911 | SS CL A TY 2 | 12 | 12.0 | 4.08 | 0.6 |
| S913 | 913 | 911 | SS CL A TY 2 | 60 | 129.0 | 0.10 | - |
| S914 | 914 | 913 | SS CL A TY 2 | 18 | 13.0 | 0.77 | 6.8 |
| S914A | 914A | 914 | SS CL A TY 2 | 12 | 51.0 | 0.90 | 7.8 |
| S914B | 914B | 914 | SS CL A TY 2 | 12 | 49.0 | 0.71 | 8.5 |
| S915 | 915 | 914 | SS CL A TY 2 | 12 | 91.0 | 0.51 | 127.6 |
| S916 | 916 | 915 | SS CL A TY 2 | 12 | 37.0 | 0.51 | 15.9 |
| S917 | 917 | 913 | SS CL A TY 2 | 60 | 149.0 | 0.10 | - |
| S918 | 918 | 917 | SS CL A TY 2 | 48 | 10.0 | 0.40 | - |
| S919 | 919 | 918 | SS CL A TY 2 | 60 | 13.0 | 0.15 | 4.8 |
| S920 | 920 | 919 | SS CL A TY 2 | 12 | 100.0 | 0.91 | 15.2 |
| S921 | 921 | 919 | SS CL A TY 2 | 60 | 88.0 | 0.13 | 103.5 |

FILE NAME = \\A:\94-010_KDOT_LMP_Section_B\CADD_SHEETS\Section_B2\20131894_SHT_DRAINAGE_TABLES.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 48.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL ROUTE 31 DRAINAGE TABLES
SHEET 248 OF 611 SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------------------|-------------|------------------|---------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 248 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

IL ROUTE 31 DRAINAGE STRUCTURE TABLE: STA. 419+50 TO STA. 424+00

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV | | | |
|-----|-----------|-------------|---------------------|----|----|-------|-----|--------|-----|------|--------|----------|--------|--------|--------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | | | | |
| 920 | 420+00.00 | 43.10' LT | | | A4 | | | | | 24 | | 801.18 | | | 805.18 |
| 922 | 420+35.66 | 39.00 RT | A8 | | | | | | | 24 | 795.41 | 795.41 | 802.25 | | 806.32 |
| 923 | 422+00.00 | 39.00 RT | A8 | | | | | | | 24 | 795.58 | 795.58 | | 801.10 | 807.96 |
| 924 | 422+27.00 | 39.00 LT | | | A4 | | | | | 24 | | 801.51 | 801.51 | | 806.62 |
| 925 | 421+30.00 | 39.00 LT | | | | A | | | | 24 | | 801.96 | | | 805.96 |
| 926 | 423+83.69 | 61.70 RT | A8 | | | | | | | TY 8 | 795.76 | 795.76 | | 802.00 | 807.32 |
| 927 | 423+83.69 | 39.00 RT | | | A4 | | | | | 24 | | | 802.35 | 802.60 | 809.17 |
| 928 | 423+83.69 | 36.76 LT | | | A4 | | | | | 24 | | | 802.98 | 802.98 | 807.74 |
| 929 | 423+20.16 | 39.00 LT | | | | A | | | | 24 | 803.30 | | | | 807.29 |
| 961 | 421+48.44 | 87.74 RT | | | | | | | | | 806.00 | | | | - |
| 962 | 422+06.58 | 61.63 RT | | | | | | | | | | 806.50 | | | - |
| 981 | 421+13.40 | 64.36 LT | | | | | | | | | 801.00 | | | | - |
| 982 | 421+29.94 | 56.04 LT | A6 | | | | | | | 1 CL | 801.10 | 801.10 | | | 806.25 |
| 983 | 421+78.40 | 55.03 LT | A6 | | | | | | | 1 CL | 801.20 | 801.20 | | | 806.35 |
| 984 | 422+19.07 | 47.46 LT | A6 | | | | | | | 1 CL | 801.30 | 801.30 | | | 806.50 |
| 985 | 423+16.53 | 46.11 LT | A6 | | | | | | | 1 CL | 801.60 | 801.60 | | | 807.75 |

IL ROUTE 31 DRAINAGE STRUCTURE TABLE: STA. 424+00 TO STA. 429+00

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV | | | |
|------|-----------|-------------|---------------------|----|----|-------|-----|--------|-----|------|--------|----------|--------|--------|--------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | | | | |
| 930 | 424+50.00 | 61.79 RT | A8 | | | | | | | TY 8 | 795.83 | 795.83 | | | 806.70 |
| 931 | 425+88.24 | 39.00 RT | A8 | | | | | | | 24 | 795.97 | 795.97 | | 803.78 | 810.31 |
| 932 | 425+85.00 | 27.00 LT | | | A4 | | | | | 24 | | 804.11 | 804.11 | | 809.09 |
| 933 | 425+00.00 | 30.92 LT | | | | A | | | | 24 | 804.55 | | | | 808.55 |
| 934 | 426+69.44 | 62.00 RT | A8 | | | | | | | TY 8 | 796.06 | 796.06 | | | 808.18 |
| 935 | 427+19.41 | 63.79 RT | A8 | | | | | | | TY 8 | 802.50 | 796.11 | | 803.85 | 807.85 |
| 936 | 427+19.41 | 35.00 LT | | | A4 | | | | | 24 | 805.58 | | 805.58 | | 809.76 |
| 936A | 428+00.00 | 35.00 LT | | | | A | | | | 24 | | 806.15 | | | 810.15 |
| 940 | 428+80.00 | 39.00 RT | | | A4 | | | | | 24 | 806.21 | 806.21 | | | 810.41 |
| 941 | 427+90.00 | 39.00 RT | | | | A | | | | 24 | 806.66 | | | | 810.66 |
| 971 | 426+96.02 | 53.70 LT | | | | | | | | | | | 807.00 | | - |
| 972 | 426+93.66 | 59.14 RT | | | | | | | | | | | | 807.75 | - |
| 986 | 425+99.50 | 42.59 LT | A6 | | | | | | | 1 CL | 802.20 | 802.20 | | | 808.00 |
| 987 | 426+87.28 | 57.83 LT | A7 | | | | | | | 1 CL | 802.40 | 802.40 | | 804.00 | 808.00 |
| 988 | 426+78.97 | 90.15 LT | A4 | | | | | | | 1 CL | | | 804.50 | 804.50 | 809.00 |
| 989 | 426+82.90 | 135.74 LT | | | | | | | | | | | 805.00 | | 806.00 |

IL ROUTE 31 DRAINAGE STRUCTURE TABLE: STA. 429+00 TO STA. 434+00

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV | | | |
|------|-----------|-------------|---------------------|----|----|-------|-----|--------|-----|------|--------|----------|--------|--------|--------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | | | | |
| 937 | 429+20.00 | 48.78 RT | A5 | | | | | | | 1 CL | 804.50 | 804.50 | | 805.50 | 809.00 |
| 938 | 429+20.00 | 38.78 RT | | | A4 | | | | | 24 | | 806.00 | 805.75 | 806.00 | 810.39 |
| 939 | 429+20.00 | 35.00 LT | | | A4 | | | | | 24 | 806.56 | | 806.56 | | 810.63 |
| 939A | 430+00.00 | 32.43 LT | | | | A | | | | | | 807.25 | | | 811.00 |
| 942 | 430+50.00 | 47.14 RT | | | | | | | | | 807.65 | | | | - |
| 990 | 429+22.83 | 55.36 LT | A5 | | | | | | | TY 8 | 803.00 | 803.00 | | | 808.11 |
| 991 | 431+57.80 | 52.08 LT | A5 | | | | | | | TY 8 | 803.50 | 803.50 | | | 809.29 |
| 992 | 433+92.74 | 45.84 LT | A5 | | | | | | | TY 8 | 804.00 | 804.00 | | | 810.47 |

IL ROUTE 31 DRAINAGE STRUCTURE TABLE: STA. 434+00 TO STA. 440+00

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV | | | |
|-----|-----------|-------------|---------------------|----|----|-------|-----|--------|-----|------|--------|----------|--|--|--------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | | | | |
| 993 | 436+27.78 | 44.40 LT | A5 | | | | | | | TY 8 | 804.50 | 804.50 | | | 811.64 |
| 994 | 438+65.55 | 40.31 LT | A5 | | | | | | | 1 CL | 813.00 | 805.00 | | | 817.00 |
| 995 | 438+75.36 | 47.52 LT | | | | | | | | | | 814.00 | | | - |

IL ROUTE 31 PIPE TABLE: STA. 419+50 TO STA. 424+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|--------------------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| S922 | 922 | 921 | SS CL A TY 2 | 60 | 120.0 | 0.12 | 173.2 |
| S923 | 923 | 922 | SS CL A TY 2 | 60 | 165.0 | 0.10 | 315.2 |
| S924 | 924 | 923 | SS CL A TY 2 | 15 | 83.0 | 0.49 | 30.0 |
| S925 | 925 | 924 | SS CL A TY 2 | 12 | 96.0 | 0.47 | 18.6 |
| S926 | 926 | 923 | SS CL A TY 2 | 60 | 187.0 | 0.10 | 206.3 |
| S927 | 927 | 926 | SS CL A TY 2 | 12 | 23.0 | 1.52 | 5.8 |
| S928 | 928 | 927 | SS CL A TY 2 | 12 | 76.0 | 0.50 | 25.9 |
| S929 | 929 | 928 | SS CL A TY 2 | 12 | 63.0 | 0.51 | 13.6 |
| S962 | 962 | 961 | P CUL CL A TY 1 | 15 | 72.0 | 0.69 | 8.7 |
| S975 | - | 922 | SS CL B TY 2 W/ 45° BEND | 10 | 23.0 | 3.26 | 3.6 |
| S982 | 982 | 981 | SS CL A TY 2 | 42 | 18.0 | 0.56 | - |
| S983 | 983 | 982 | SS CL A TY 2 | 42 | 48.0 | 0.21 | - |
| S984 | 984 | 983 | SS CL A TY 2 | 42 | 41.0 | 0.24 | 8.9 |
| S985 | 985 | 984 | SS CL A TY 2 | 42 | 97.0 | 0.31 | 5.8 |

IL ROUTE 31 PIPE TABLE: STA. 424+00 TO STA. 429+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|-----------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| S930 | 930 | 926 | SS CL A TY 2 | 60 | 67.0 | 0.10 | - |
| S931 | 931 | 930 | SS CL A TY 2 | 60 | 141.0 | 0.10 | 190.7 |
| S932 | 932 | 931 | SS CL A TY 2 | 12 | 66.0 | 0.50 | 22.5 |
| S933 | 933 | 932 | SS CL A TY 2 | 12 | 85.0 | 0.52 | 18.3 |
| S934 | 934 | 933 | SS CL A TY 2 | 60 | 85.0 | 0.11 | 124.6 |
| S935 | 935 | 934 | SS CL A TY 2 | 60 | 50.0 | 0.10 | - |
| S936 | 936 | 935 | SS CL A TY 2 | 12 | 98.0 | 1.77 | 13.8 |
| S936A | 936A | 936 | SS CL A TY 2 | 12 | 80.0 | 0.71 | 13.8 |
| S937 | 937 | 935 | SS CL A TY 2 | 24 | 202.0 | 0.99 | 14.3 |
| S940 | 940 | 938 | SS CL A TY 2 | 12 | 40.0 | 0.53 | 6.8 |
| S941 | 941 | 940 | SS CL A TY 2 | 12 | 90.0 | 0.50 | 15.6 |
| S972 | 972 | 971 | P CUL CL A TY 1 | 12 | 113.0 | 0.66 | 13.1 |
| S986 | 986 | 985 | SS CL A TY 2 | 42 | 281.0 | 0.21 | 19.9 |
| S987 | 987 | 986 | SS CL A TY 2 | 42 | 88.0 | 0.23 | 13.2 |
| S988 | 988 | 987 | SS CL A TY 2 | 24 | 33.0 | 1.52 | - |
| S989 | 989 | 988 | SS CL A TY 2 | 24 | 40.0 | 1.25 | - |
| S990 | 990 | 987 | SS CL A TY 2 | 42 | 235.0 | 0.34 | - |

IL ROUTE 31 PIPE TABLE: STA. 429+00 TO STA. 434+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| S938 | 938 | 937 | SS CL A TY 2 | 15 | 10.0 | 2.50 | 0.8 |
| S939 | 939 | 938 | SS CL A TY 2 | 12 | 74.0 | 0.76 | 12.8 |
| S939A | 939A | 939 | SS CL A TY 2 | 12 | 80.0 | 0.86 | 12.2 |
| S942 | 942 | 937 | SS CL A TY 2 | 24 | 229.0 | 2.44 | - |
| S991 | 991 | 990 | SS CL A TY 2 | 42 | 135.0 | 0.21 | - |
| S992 | 992 | 991 | SS CL A TY 2 | 42 | 235.0 | 0.21 | - |

IL ROUTE 31 PIPE TABLE: STA. 434+00 TO STA. 440+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| S993 | 993 | 992 | SS CL A TY 2 | 42 | 235.0 | 0.21 | - |
| S994 | 994 | 993 | SS CL A TY 2 | 42 | 238.0 | 0.21 | - |
| S995 | 995 | 994 | SS CL A TY 2 | 24 | 16.0 | 6.25 | - |

FILE NAME = W:\94-010\KDOT\LMP Section B\CADD SHEETS\Section B2\20131894_SHT_DRAINAGE TABLES.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

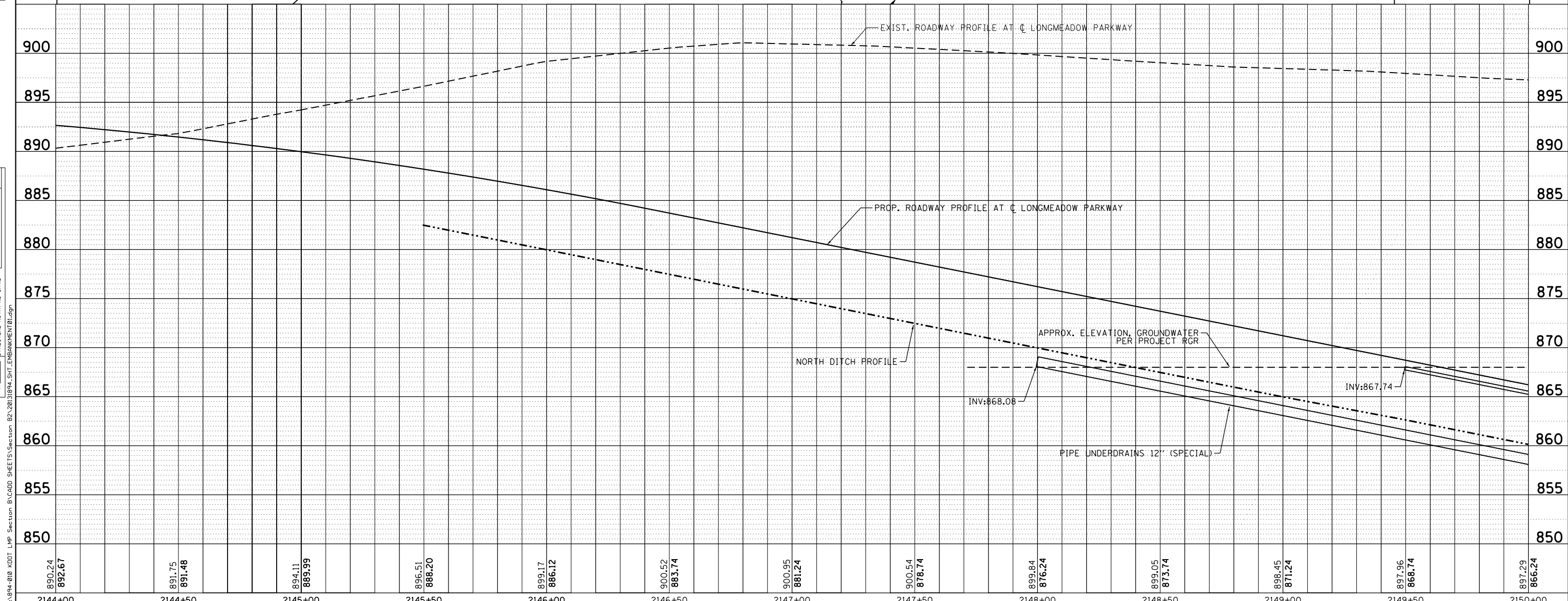
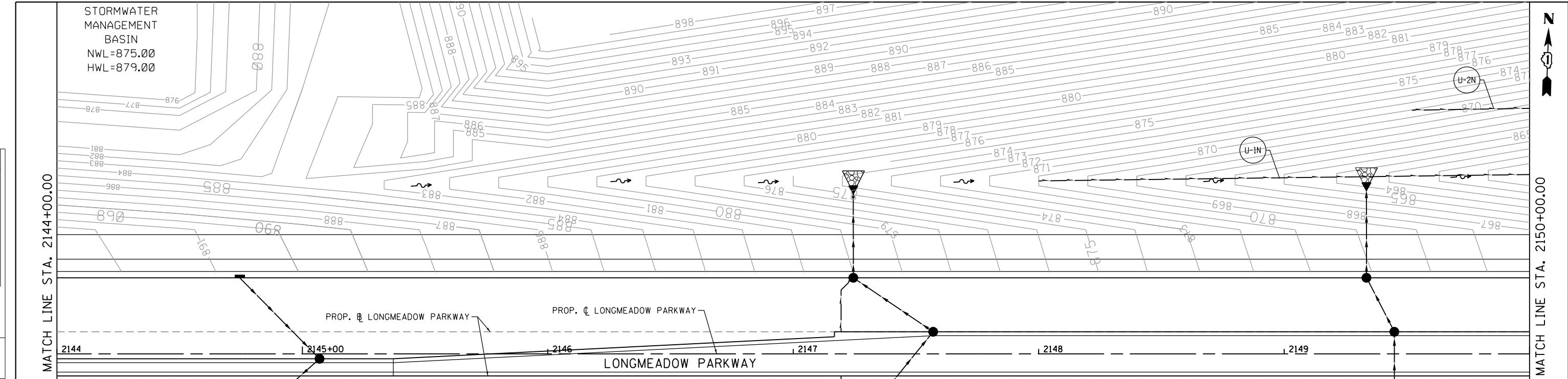
**IL ROUTE 31
DRAINAGE TABLES**

SHEET 249 OF 611 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 249 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | | |
|------|-----------------------------|----|------|
| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | STRUCTURE NOTATIONS CHECKED | | |
| | NOTE BOOK NO. | | |
| | CADD FILE NAME | | |

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| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | STRUCTURE NOTATIONS CHECKED | | |
| | NOTE BOOK NO. | | |
| | CADD FILE NAME | | |



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|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 890.24 892.67 | 891.75 891.48 | 894.11 889.99 | 896.51 888.20 | 899.17 886.12 | 900.52 883.74 | 900.95 881.24 | 900.54 878.74 | 899.84 876.24 | 899.05 873.74 | 898.45 871.24 | 897.96 868.74 | 897.29 866.24 |
| 2144+00 | 2144+50 | 2145+00 | 2145+50 | 2146+00 | 2146+50 | 2147+00 | 2147+50 | 2148+00 | 2148+50 | 2149+00 | 2149+50 | 2150+00 |

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| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
EMBANKMENT DRAINAGE PLAN AND PROFILE - NORTH

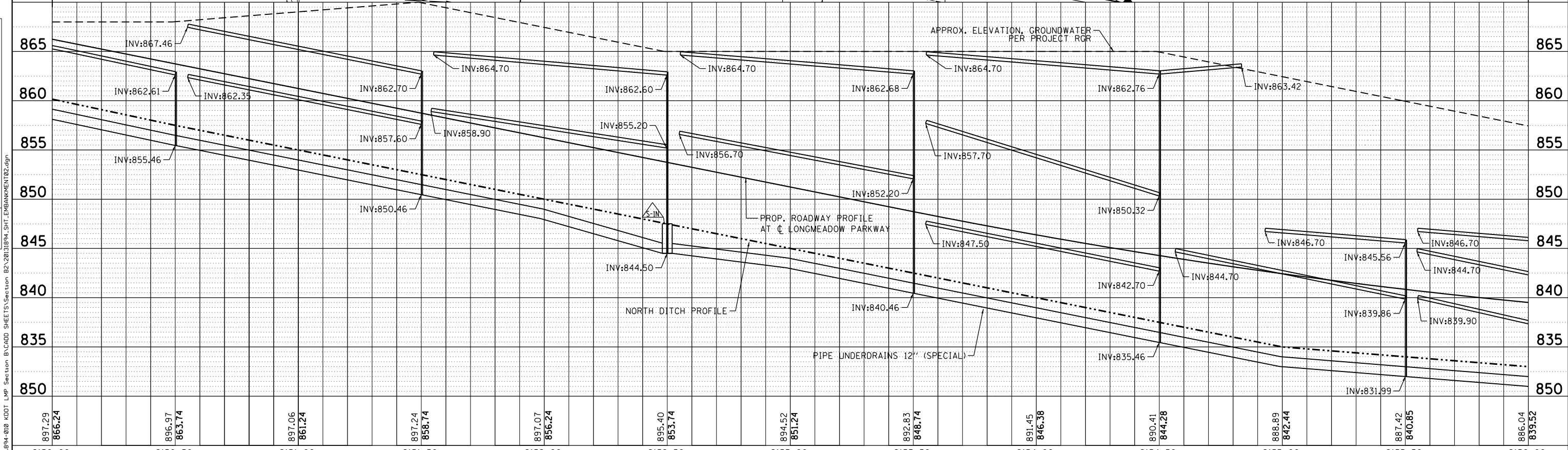
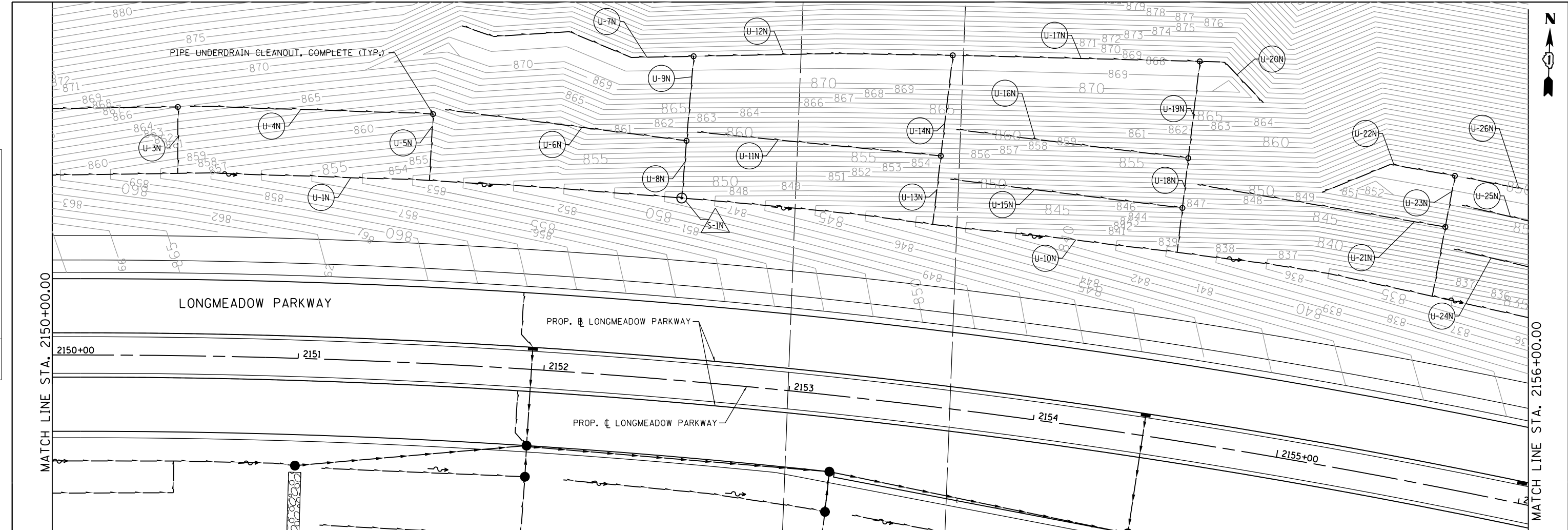
SCALE: SHEET 250 OF 611 SHEETS STA. 2144+00.00 TO STA. 2150+00.00

| | | | | |
|--------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 250 |
| CONTRACT NO. 61E05 | | | | |

ILLINOIS FED. AID PROJECT

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| PLAN | SURVEYED | DATE |
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| | GRADES CHECKED | |
| | ALIGNMENT CHECKED | |
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| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS OK'D | |
| | NO. _____ | |
| | NOTE BOOK NO. _____ | |
| | CADD FILE NAME _____ | |



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|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 897.29 866.24 | 896.97 863.74 | 897.06 861.24 | 897.24 858.74 | 897.07 856.24 | 895.40 853.74 | 894.52 851.24 | 892.83 848.74 | 891.45 846.38 | 890.41 844.28 | 888.89 842.44 | 887.42 840.85 | 886.04 839.52 |
| 2150+00 | 2150+50 | 2151+00 | 2151+50 | 2152+00 | 2152+50 | 2153+00 | 2153+50 | 2154+00 | 2154+50 | 2155+00 | 2155+50 | 2156+00 |

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| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

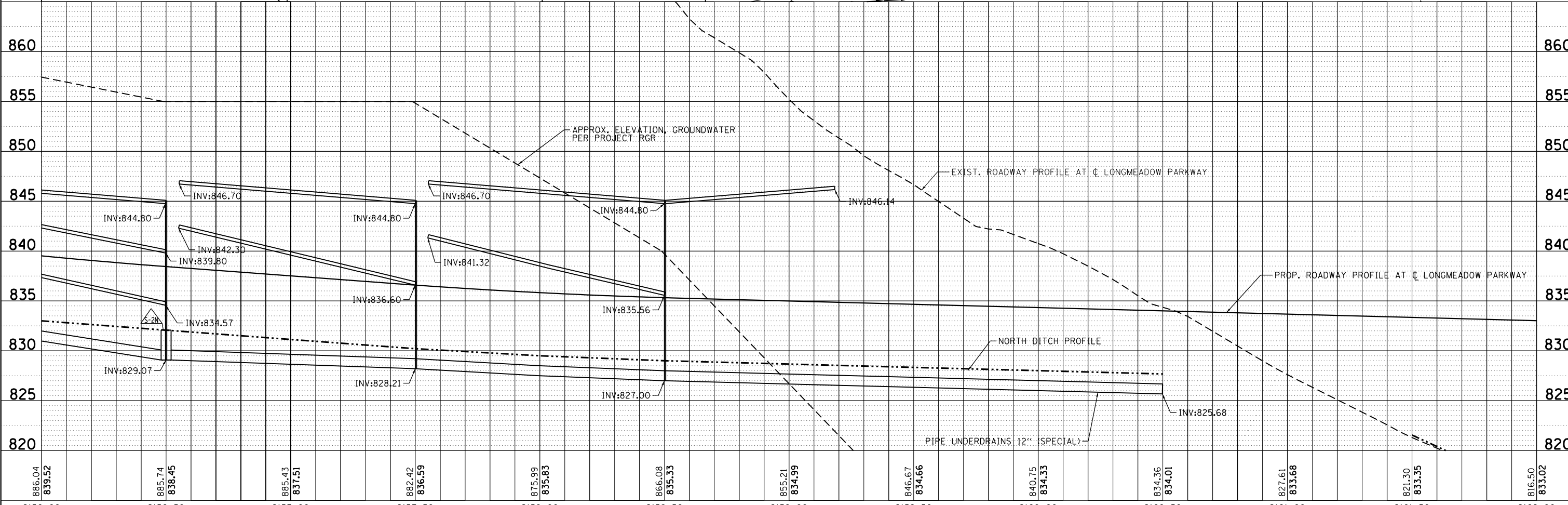
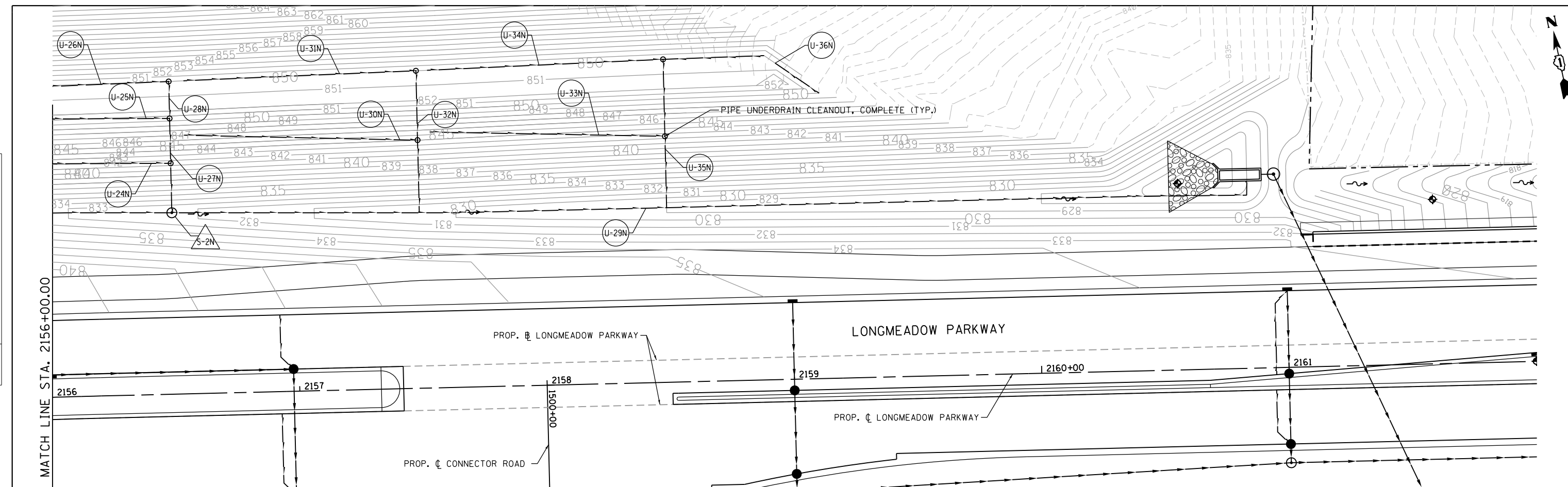
LONGMEADOW PARKWAY
EMBANKMENT DRAINAGE PLAN AND PROFILE - NORTH

SCALE: SHEET 251 OF 611 SHEETS STA. 2150+00.00 TO STA. 2156+00.00

| | | | | |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.U. R.T.E. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 251 |
| CONTRACT NO. 61E05 | | | | ILLINOIS FED. AID PROJECT |

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|------|--------------------------|------|
| PLAN | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS CHKD | |
| | NOTE BOOK NO. | |
| | CADD FILE NAME | |

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| PROFILE | SURVEYED | DATE |
| | PLOTTED | |
| | GRADES CHECKED | |
| | STRUCTURE NOTATIONS CHKD | |
| | NOTE BOOK NO. | |
| | CADD FILE NAME | |



| | | | | | | | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 886.04 839.52 | 885.74 838.45 | 885.43 837.51 | 882.42 836.59 | 875.99 835.83 | 866.08 835.33 | 855.21 834.99 | 846.67 834.66 | 840.75 834.33 | 834.36 834.01 | 827.61 833.68 | 821.30 833.35 | 816.50 833.02 |
| 2156+00 | 2156+50 | 2157+00 | 2157+50 | 2158+00 | 2158+50 | 2159+00 | 2159+50 | 2160+00 | 2160+50 | 2161+00 | 2161+50 | 2162+00 |

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

USER NAME = dbruckelmeyer
DESIGNED - GJE
DRAWN - GJE
CHECKED - DBB
DATE - 08/07/2017

REVISIED -
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REVISIED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

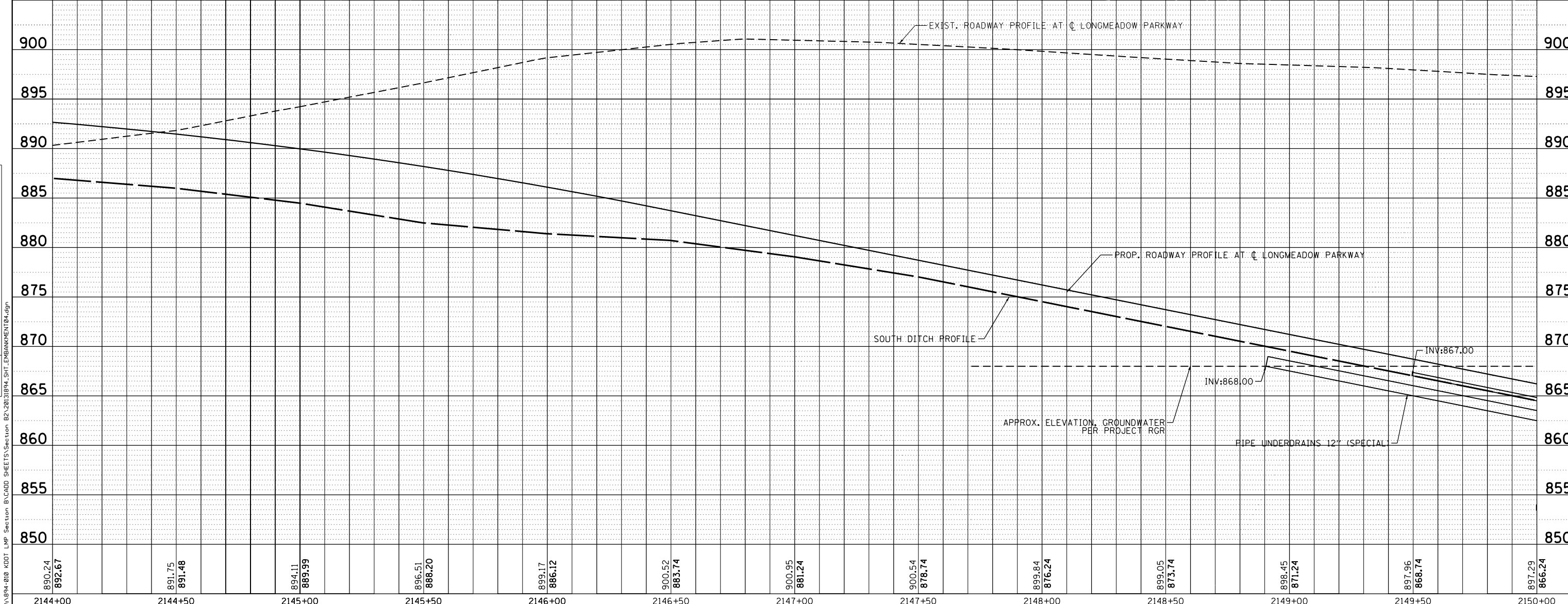
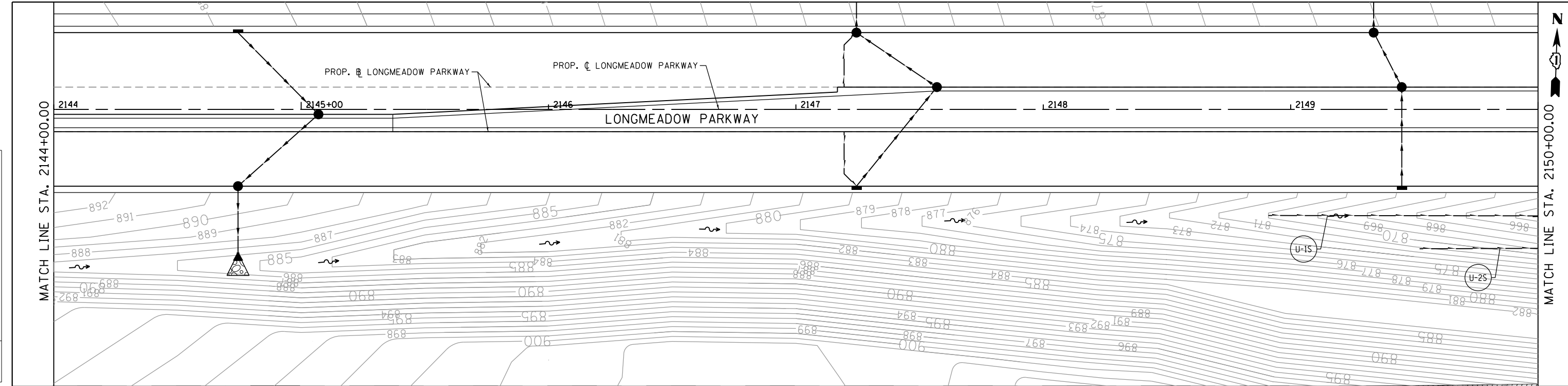
**LONGMEADOW PARKWAY
EMBANKMENT PLAN AND PROFILE - NORTH**

SCALE: SHEET 252 OF 611 SHEETS STA. 2156+00.00 TO STA. 2162+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 252 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| PLAN | SURVEYED | BY | DATE |
| | PLOTTED | | |
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| | ALIGNED | | |
| | CADD FILE NAME | | |
| | NO. | | |

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| PROFILE | SURVEYED | BY | DATE |
| | PLOTTED | | |
| | GRADES CHECKED | | |
| | STRUCTURE NOTATIONS CHFD | | |
| | NO. | | |



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| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
EMBANKMENT DRAINAGE PLAN AND PROFILE - SOUTH**

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 253 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

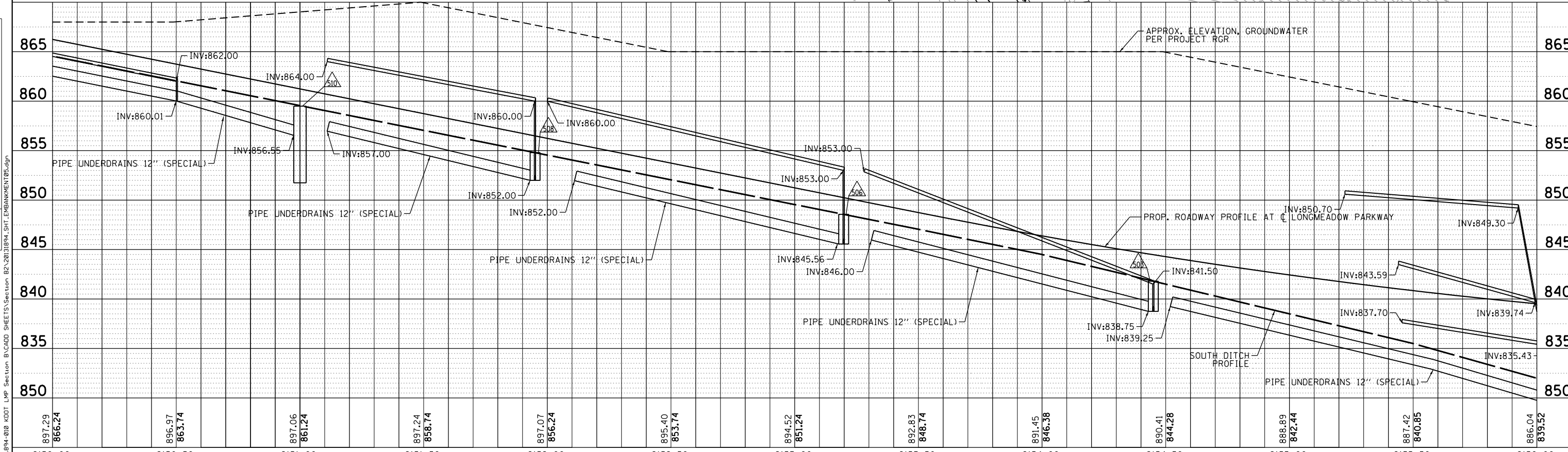
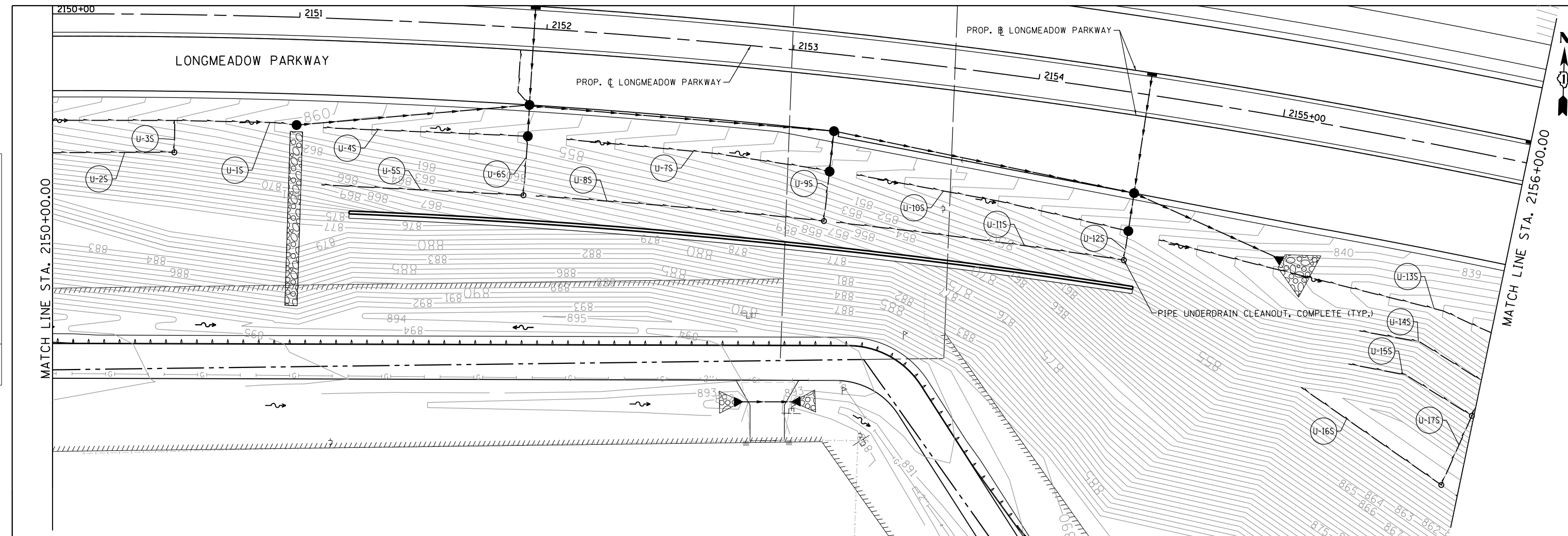
SCALE: SHEET 253 OF 611 SHEETS STA. 2144+00.00 TO STA. 2150+00.00

| | | | | | | | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 890.24 892.67 | 891.75 891.48 | 894.11 889.99 | 896.51 888.20 | 899.17 886.12 | 900.52 883.74 | 900.95 881.24 | 900.54 878.74 | 899.84 876.24 | 899.05 873.74 | 898.45 871.24 | 897.96 868.74 | 897.29 866.24 |
| 2144+00 | 2144+50 | 2145+00 | 2145+50 | 2146+00 | 2146+50 | 2147+00 | 2147+50 | 2148+00 | 2148+50 | 2149+00 | 2149+50 | 2150+00 |

FILE NAME = W:\94-010\KDOT LMP Section B\CADD SHEETS\Section B2\201894_SHT.EMBANKMENT04.dgn

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| PLAN | SURVEYED | DATE |
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| | GRADES CHECKED | |
| | ALIGNMENT CHECKED | |
| | STRUCTURE NOTATIONS CHKD | |
| | NO. _____ | |
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| PROFILE | SURVEYED | DATE |
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| | ALIGNMENT CHECKED | |
| | STRUCTURE NOTATIONS CHKD | |
| | NO. _____ | |
| | FILE NAME | |



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|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 897.29 866.24 | 896.97 863.74 | 897.06 861.24 | 897.24 858.74 | 897.07 856.24 | 895.40 853.74 | 894.52 851.24 | 892.83 848.74 | 891.45 846.38 | 890.41 844.28 | 888.89 842.44 | 887.42 840.85 | 886.04 839.52 |
| 2150+00 | 2150+50 | 2151+00 | 2151+50 | 2152+00 | 2152+50 | 2153+00 | 2153+50 | 2154+00 | 2154+50 | 2155+00 | 2155+50 | 2156+00 |

B Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

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|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

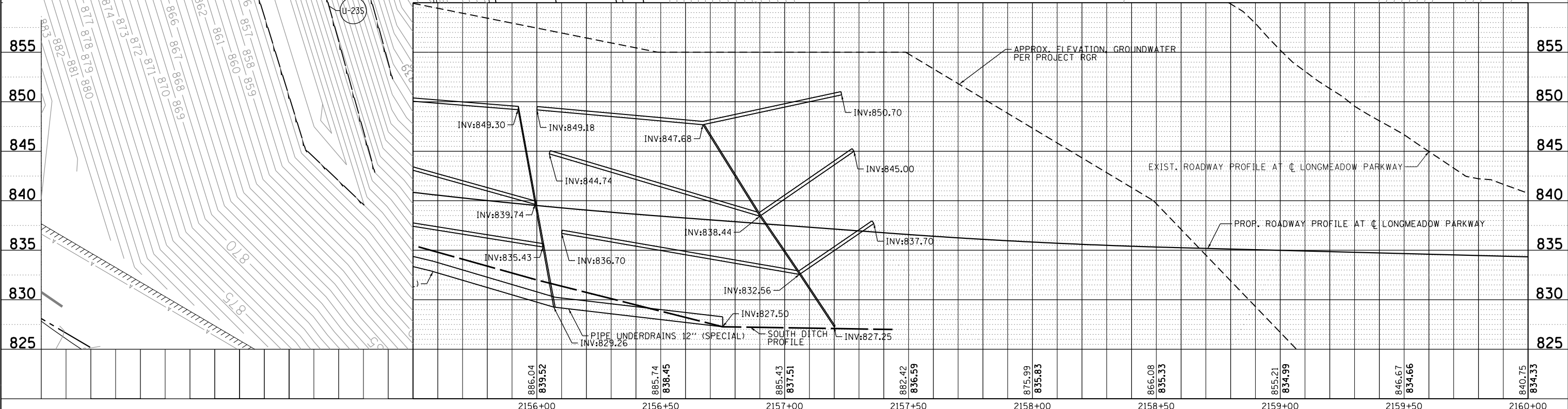
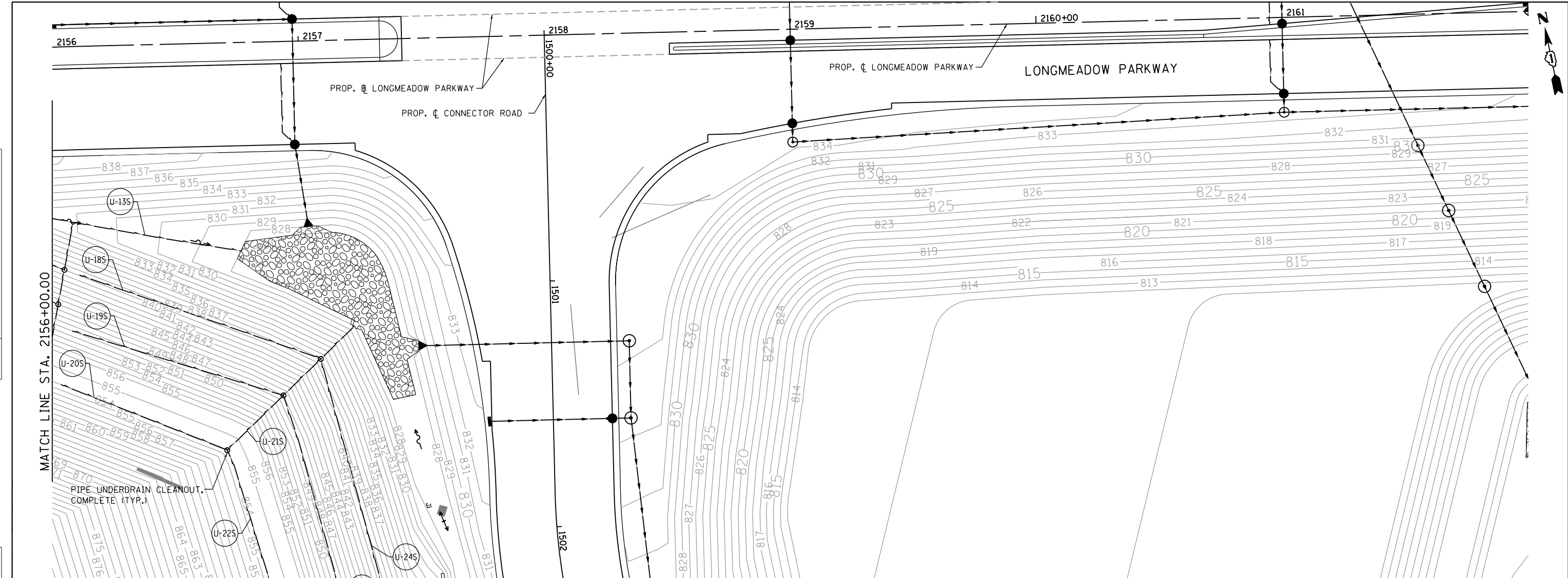
LONGMEADOW PARKWAY
EMBANKMENT DRAINAGE PLAN AND PROFILE - SOUTH

SCALE: SHEET 254 OF 611 SHEETS STA. 2150+00.00 TO STA. 2156+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 254 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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| PLAN | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | ALIGNED | |
| | FILED | |
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| PROFILE | SURVEYED | DATE |
| | PLOTTED | BY |
| | CHECKED | |
| | GRADES | |
| | STRUCTURE | |
| | NOTATIONS | |
| | CHFD | |
| | NO. | |



B Bollinger, Lach & Associates, Inc.
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| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

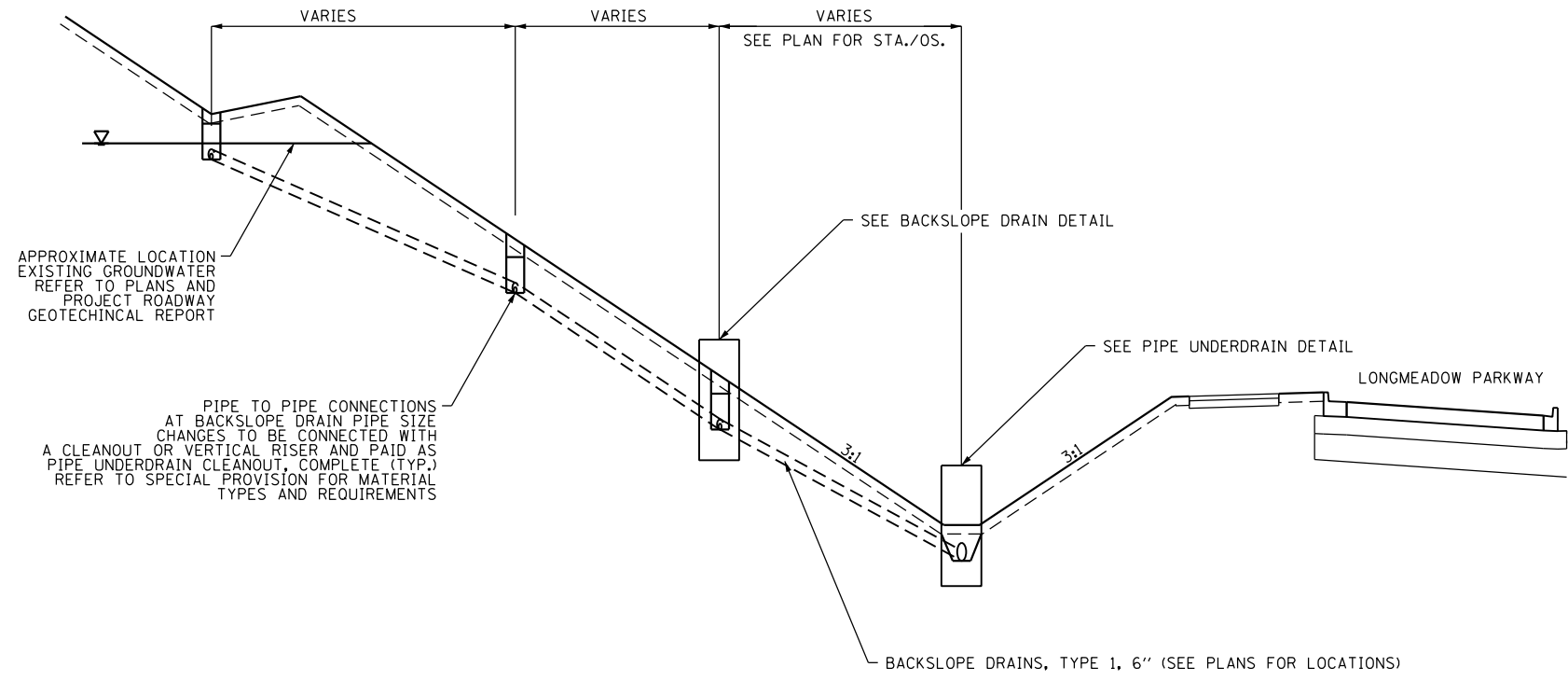
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
EMBANKMENT PLAN AND PROFILE - SOUTH**

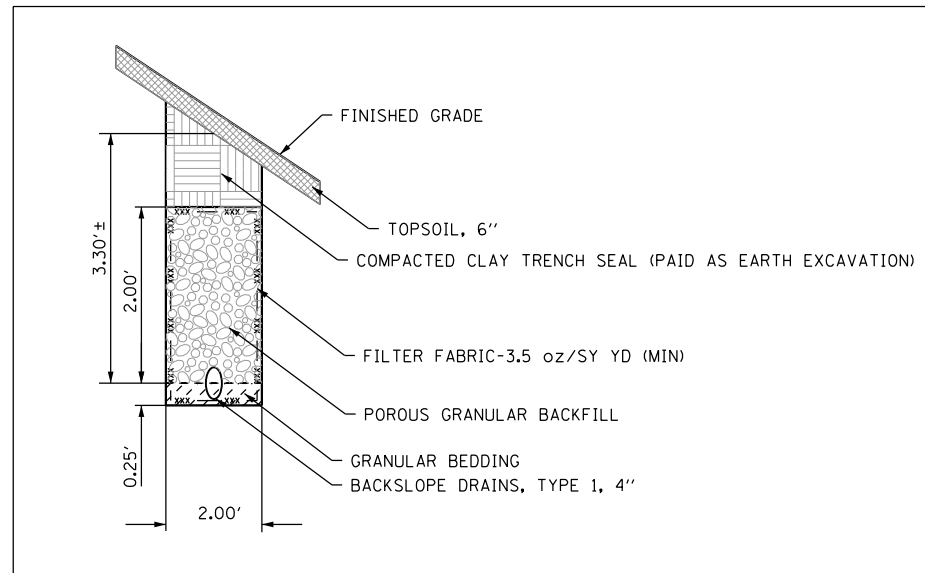
SCALE: SHEET 255 OF 611 SHEETS STA. 2156+00.00 TO STA. 2162+00.00

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 255 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

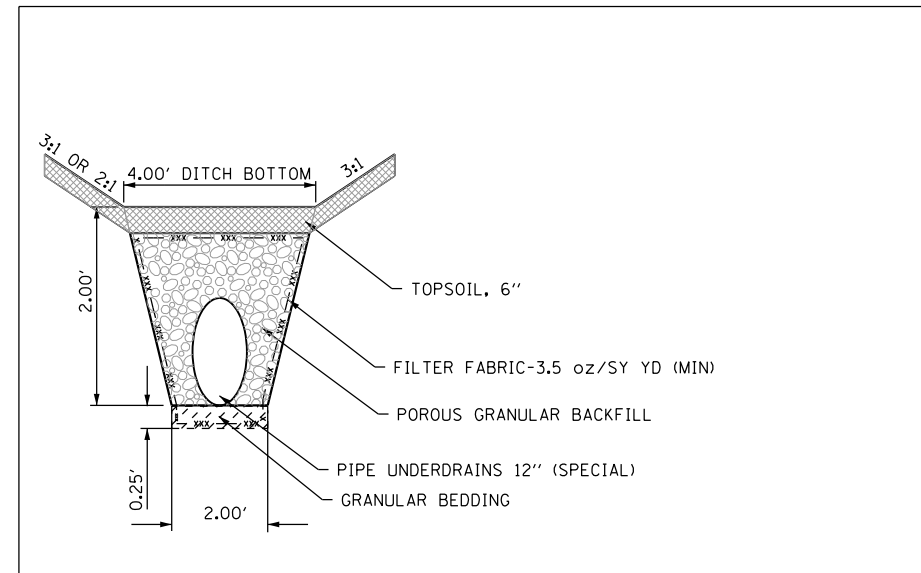
EMBANKMENT DRAIN SCHEMATIC



BACKSLOPE DRAIN DETAIL



PIPE UNDERDRAIN DETAIL



FILE NAME = \\A\94-010\KDDT_LMP_Section B2\20131894_SHT.EMBANKMENT.DETAIL.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 20.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
EMBANKMENT DRAIN DETAIL TYPICAL SECTION**

SCALE: N.T.S. SHEET 256 OF 611 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 256 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

EMBANKMENT UNDERDRAIN TABLE (NORTH): STA. 2144+00 TO STA. 2150+00

| PIPE NO. | PIPE LOCATION | | | | | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | FILTER FABRIC (SY) | POROUS GRANULAR BACKFILL (CU. YD.) |
|----------|---------------|----------|--------|------------|-----------|--------|----------------------------|-----------|--------|-------|--------------------|------------------------------------|
| | FROM | | | TO | | | | | | | | |
| | STATION | OFFSET | INV. | TO STA. | OFFSET | INV. | | | | | | |
| U-1N | 2148+00.00 | 70.46 LT | 868.08 | 2152+50.00 | 73.91 LT | 844.50 | PIPE UNDERDRAINS (SPECIAL) | 12 | 456.0 | 5.17 | 512.0 | 62.7 |
| U-2N | 2149+52.10 | 99.26 LT | 867.74 | 2150+49.73 | 100.43 LT | 862.61 | BACKSLOPE DRAINS, TY1 | 4 | 99.0 | 5.18 | 93.5 | 14.7 |

EMBANKMENT UNDERDRAIN TABLE (NORTH): STA. 2150+00 TO STA. 2156+00

| PIPE NO. | PIPE LOCATION | | | | | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | FILTER FABRIC (SY) | POROUS GRANULAR BACKFILL (CU. YD.) |
|----------|---------------|-----------|--------|------------|-----------|--------|----------------------------|-----------|--------|-------|--------------------|------------------------------------|
| | FROM | | | TO | | | | | | | | |
| | FROM STA. | OFFSET | INV. | TO STA. | OFFSET | INV. | | | | | | |
| U-3N | 2150+49.73 | 100.43 LT | 862.61 | 2150+50.00 | 74.02 LT | 855.46 | BACKSLOPE DRAINS, TY1 | 6 | 27.0 | 26.48 | 25.5 | 4.0 |
| U-4N | 2150+54.56 | 101.16 LT | 862.35 | 2151+50.07 | 101.29 LT | 857.60 | BACKSLOPE DRAINS, TY1 | 4 | 99.0 | 4.80 | 93.5 | 14.7 |
| U-5N | 2150+54.14 | 116.16 LT | 867.46 | 2151+50.00 | 116.29 LT | 862.70 | BACKSLOPE DRAINS, TY1 | 4 | 100.0 | 4.76 | 94.4 | 14.8 |
| U-6N | 2151+50.00 | 116.29 LT | 862.70 | 2151+49.80 | 74.29 LT | 850.46 | BACKSLOPE DRAINS, TY1 | 6 | 42.0 | 29.14 | 39.7 | 6.2 |
| U-7N | 2151+54.37 | 98.73 LT | 857.35 | 2152+50.01 | 92.66 LT | 852.60 | BACKSLOPE DRAINS, TY1 | 4 | 99.0 | 4.80 | 93.5 | 14.7 |
| U-8N | 2151+54.58 | 113.93 LT | 862.45 | 2152+50.01 | 102.91 LT | 857.70 | BACKSLOPE DRAINS, TY1 | 4 | 100.0 | 4.75 | 94.4 | 14.8 |
| U-9N | 2151+54.13 | 129.47 LT | 867.55 | 2152+50.02 | 113.13 LT | 862.80 | BACKSLOPE DRAINS, TY1 | 4 | 101.0 | 4.70 | 95.4 | 15.0 |
| U-10N | 2152+50.02 | 113.13 LT | 862.80 | 2152+50.00 | 73.91 LT | 844.50 | BACKSLOPE DRAINS, TY1 | 6 | 39.0 | 46.92 | 36.8 | 5.8 |
| U-11N | 2152+54.85 | 92.51 LT | 852.35 | 2153+50.02 | 92.61 LT | 847.60 | BACKSLOPE DRAINS, TY1 | 4 | 98.0 | 4.85 | 92.6 | 14.5 |
| U-12N | 2152+54.84 | 102.55 LT | 857.45 | 2153+50.02 | 102.94 LT | 852.70 | BACKSLOPE DRAINS, TY1 | 4 | 99.0 | 4.80 | 93.5 | 14.7 |
| U-13N | 2152+54.83 | 111.82 LT | 862.55 | 2153+50.02 | 112.92 LT | 857.80 | BACKSLOPE DRAINS, TY1 | 4 | 99.0 | 4.80 | 93.5 | 14.7 |
| U-14N | 2153+50.02 | 112.92 LT | 857.80 | 2153+50.01 | 73.53 LT | 840.46 | BACKSLOPE DRAINS, TY1 | 6 | 39.0 | 44.46 | 36.8 | 5.8 |
| U-15N | 2153+54.86 | 92.60 LT | 847.35 | 2154+46.87 | 93.80 LT | 842.60 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 5.00 | 89.7 | 14.1 |
| U-16N | 2153+54.85 | 102.72 LT | 852.45 | 2154+46.86 | 93.82 LT | 847.70 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 5.00 | 89.7 | 14.1 |
| U-17N | 2153+54.83 | 112.92 LT | 857.55 | 2154+46.21 | 114.16 LT | 852.80 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 5.00 | 89.7 | 14.1 |
| U-18N | 2153+54.82 | 123.41 LT | 862.65 | 2154+45.88 | 124.33 LT | 857.90 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 5.00 | 89.7 | 14.1 |
| U-19N | 2154+45.88 | 124.33 LT | 857.90 | 2154+47.46 | 75.67 LT | 835.46 | BACKSLOPE DRAINS, TY1 | 6 | 49.0 | 45.80 | 46.3 | 7.3 |
| U-20N | 2154+51.71 | 93.84 LT | 842.28 | 2155+49.99 | 94.30 LT | 839.02 | BACKSLOPE DRAINS, TY1 | 4 | 101.0 | 3.23 | 95.4 | 15.0 |
| U-21N | 2154+51.36 | 104.12 LT | 847.48 | 2155+49.98 | 104.27 LT | 844.03 | BACKSLOPE DRAINS, TY1 | 4 | 102.0 | 3.38 | 96.3 | 15.1 |
| U-22N | 2154+51.02 | 114.23 LT | 852.55 | 2155+49.98 | 114.20 LT | 848.05 | BACKSLOPE DRAINS, TY1 | 4 | 103.0 | 4.37 | 97.3 | 15.3 |
| U-23N | 2154+50.67 | 124.50 LT | 857.65 | 2155+49.98 | 133.40 LT | 854.06 | BACKSLOPE DRAINS, TY1 | 4 | 104.0 | 3.45 | 98.2 | 15.4 |
| U-24N | 2155+49.98 | 124.37 LT | 854.06 | 2155+49.99 | 75.64 LT | 831.99 | BACKSLOPE DRAINS, TY1 | 6 | 49.0 | 45.04 | 46.3 | 7.3 |
| U-25N | 2155+54.83 | 94.11 LT | 838.92 | 2156+50.00 | 91.37 LT | 837.08 | BACKSLOPE DRAINS, TY1 | 4 | 97.0 | 1.90 | 91.6 | 14.4 |
| U-26N | 2155+54.81 | 104.11 LT | 843.93 | 2156+50.00 | 101.47 LT | 842.10 | BACKSLOPE DRAINS, TY1 | 4 | 98.0 | 1.87 | 92.6 | 14.5 |
| U-27N | 2155+54.79 | 114.21 LT | 848.95 | 2156+50.00 | 111.49 LT | 846.25 | BACKSLOPE DRAINS, TY1 | 4 | 98.0 | 2.76 | 92.6 | 14.5 |
| U-28N | 2155+54.77 | 133.35 LT | 853.97 | 2156+50.00 | 130.72 LT | 852.13 | BACKSLOPE DRAINS, TY1 | 4 | 98.0 | 1.88 | 92.6 | 14.5 |
| U-39N | 2152+50.00 | 73.91 LT | 844.50 | 2156+50.00 | 73.35 LT | 829.07 | PIPE UNDERDRAINS (SPECIAL) | 12 | 410.0 | 3.76 | 460.4 | 56.4 |

EMBANKMENT UNDERDRAIN TABLE (NORTH): STA. 2156+00 TO STA. 2162+00

| PIPE NO. | PIPE LOCATION | | | | | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | FILTER FABRIC (SY) | POROUS GRANULAR BACKFILL (CU. YD.) |
|----------|---------------|-----------|--------|------------|-----------|--------|----------------------------|-----------|--------|-------|--------------------|------------------------------------|
| | FROM | | | TO | | | | | | | | |
| | FROM STA. | OFFSET | INV. | TO STA. | OFFSET | INV. | | | | | | |
| U-29N | 2156+50.00 | 130.72 LT | 852.13 | 2156+50.00 | 73.35 LT | 829.07 | BACKSLOPE DRAINS, TY1 | 6 | 57.0 | 40.46 | 53.8 | 8.4 |
| U-30N | 2156+55.00 | 91.33 LT | 836.99 | 2157+50.00 | 89.38 LT | 835.22 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 1.86 | 89.7 | 14.1 |
| U-31N | 2156+55.00 | 101.31 LT | 842.00 | 2157+50.00 | 99.48 LT | 840.24 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 1.85 | 89.7 | 14.1 |
| U-32N | 2156+55.00 | 111.40 LT | 847.02 | 2157+50.00 | 109.50 LT | 844.70 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 2.44 | 89.7 | 14.1 |
| U-33N | 2156+55.00 | 130.57 LT | 852.03 | 2157+50.00 | 126.38 LT | 850.27 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 1.85 | 89.7 | 14.1 |
| U-34N | 2157+50.00 | 126.38 LT | 850.27 | 2157+50.00 | 70.95 LT | 828.21 | BACKSLOPE DRAINS, TY1 | 6 | 55.0 | 40.11 | 51.9 | 8.1 |
| U-35N | 2157+55.00 | 89.37 LT | 835.15 | 2158+50.00 | 89.37 LT | 834.00 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 1.21 | 89.7 | 14.1 |
| U-36N | 2157+55.00 | 99.48 LT | 840.17 | 2158+50.00 | 99.47 LT | 839.01 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 1.22 | 89.7 | 14.1 |
| U-37N | 2157+55.00 | 109.58 LT | 845.17 | 2158+50.00 | 109.57 LT | 844.02 | BACKSLOPE DRAINS, TY1 | 4 | 95.0 | 1.21 | 89.7 | 14.1 |
| U-38N | 2158+50.00 | 109.57 LT | 844.02 | 2158+50.00 | 70.59 LT | 827.00 | BACKSLOPE DRAINS, TY1 | 6 | 39.0 | 43.64 | 36.8 | 5.8 |
| U-40N | 2156+50.00 | 73.35 LT | 829.07 | 2160+73.06 | 78.27 LT | 825.68 | PIPE UNDERDRAINS (SPECIAL) | 12 | 440.0 | 0.77 | 494.1 | 60.5 |

EMBANKMENT UNDERDRAIN STRUCTURE TABLE (NORTH): STA. 2150+00 TO STA. 2156+00

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
|------|------------|-------------|---------------------|----|----|-------|------|--------|-----|--------|--------|----------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| | | | | | | | | | | | | |
| S-1N | 2152+50.00 | 73.91 LT | A4 | | | | 1 CL | 844.50 | | 844.50 | 844.50 | 847.50 |

EMBANKMENT UNDERDRAIN STRUCTURE TABLE (NORTH): STA. 2156+00 TO STA. 2162+00

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
|------|------------|-------------|---------------------|----|----|-------|------|--------|-----|--------|--------|----------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| | | | | | | | | | | | | |
| S-2N | 2156+50.00 | 73.35 LT | A4 | | | | 1 CL | 829.07 | | 829.07 | 829.07 | 832.07 |

EMBANKMENT UNDERDRAIN TABLE (SOUTH): STA. 2144+00 TO STA. 2150+00

| PIPE NO. | PIPE LOCATION | | | | | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | FILTER FABRIC (SY) | POROUS GRANULAR BACKFILL (CU. YD.) |
|----------|---------------|----------|--------|------------|----------|--------|----------------------------|-----------|--------|-------|--------------------|------------------------------------|
| | FROM | | | TO | | | | | | | | |
| | STATION | OFFSET | INV. | TO STA. | OFFSET | INV. | | | | | | |
| U-1S | 2148+91.00 | 42.85 RT | 868.00 | 2151+00.00 | 43.58 RT | 856.55 | PIPE UNDERDRAINS (SPECIAL) | 12 | 208.0 | 5.50 | 173.3 | 17.1 |
| U-2S | 2149+52.10 | 56.29 RT | 867.00 | 2150+50.00 | 55.71 RT | 862.00 | BACKSLOPE DRAINS, TY1 | 4 | 97.0 | 5.15 | 91.6 | 14.4 |

EMBANKMENT UNDERDRAIN TABLE (SOUTH): STA. 2150+00 TO STA. 2156+00

| PIPE NO. | PIPE LOCATION | | | | | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | FILTER FABRIC (SY) | POROUS GRANULAR BACKFILL (CU. YD.) |
|----------|---------------|-----------|--------|------------|-----------|--------|----------------------------|-----------|--------|-------|--------------------|------------------------------------|
| | FROM | | | TO | | | | | | | | |
| | FROM STA. | OFFSET | INV. | TO STA. | OFFSET | INV. | | | | | | |
| U-3S | 2150+50.00 | 55.71 RT | 862.00 | 2150+50.00 | 44.17 RT | 860.01 | BACKSLOPE DRAINS, TY1 | 6 | 13.0 | 15.31 | 12.3 | 1.9 |
| U-4S | 2151+11.00 | 44.28 RT | 857.00 | 2151+95.04 | 43.66 RT | 852.00 | PIPE UNDERDRAINS (SPECIAL) | 12 | 83.0 | 6.02 | 93.2 | 11.4 |
| U-5S | 2151+11.01 | 67.41 RT | 864.00 | 2151+94.81 | 67.58 RT | 860.00 | BACKSLOPE DRAINS, TY1 | 4 | 82.0 | 4.88 | 77.4 | 12.1 |
| U-6S | 2151+94.81 | 67.58 RT | 860.00 | 2151+95.04 | 43.66 RT | 852.00 | BACKSLOPE DRAINS, TY1 | 6 | 24.0 | 33.33 | 22.7 | 3.6 |
| U-7S | 2152+11.01 | 43.89 RT | 852.00 | 2153+19.81 | 47.41 RT | 845.56 | PIPE UNDERDRAINS (SPECIAL) | 12 | 107.0 | 6.02 | 120.1 | 14.7 |
| U-8S | 2151+99.93 | 67.58 RT | 860.00 | 2153+19.66 | 67.58 RT | 853.00 | BACKSLOPE DRAINS, TY1 | 4 | 117.0 | 5.98 | 110.5 | 17.3 |
| U-9S | 2153+19.66 | 67.58 RT | 853.00 | 2153+19.81 | 47.41 RT | 845.56 | BACKSLOPE DRAINS, TY1 | 6 | 20.0 | 37.20 | 18.9 | 3.0 |
| U-10S | 2153+30.99 | 47.59 RT | 846.00 | 2154+44.97 | 55.72 RT | 838.75 | PIPE UNDERDRAINS (SPECIAL) | 12 | 112.0 | 6.47 | 125.8 | 15.4 |
| U-11S | 2153+24.78 | 67.58 RT | 853.00 | 2154+44.88 | 67.58 RT | 841.50 | BACKSLOPE DRAINS, TY1 | 4 | 12.0 | 95.83 | 11.3 | 1.8 |
| U-12S | 2154+44.88 | 67.58 RT | 841.50 | 2154+44.97 | 55.72 RT | 838.75 | BACKSLOPE DRAINS, TY1 | 6 | 117.0 | 2.35 | 110.5 | 17.3 |
| U-13S | 2155+56.87 | 74.59 RT | 833.00 | 2156+44.06 | 93.41 RT | 828.00 | PIPE UNDERDRAINS (SPECIAL) | 12 | 88.0 | 5.68 | 98.8 | 12.1 |
| U-14S | 2154+66.69 | 71.39 RT | 840.00 | 2155+96.20 | 106.57 RT | 838.00 | BACKSLOPE DRAINS, TY1 | 4 | 130.0 | 1.54 | 122.8 | 19.3 |
| U-15S | 2154+62.91 | 82.04 RT | 845.00 | 2155+94.53 | 117.78 RT | 843.00 | BACKSLOPE DRAINS, TY1 | 4 | 132.0 | 1.52 | 124.7 | 19.6 |
| U-16S | 2154+59.09 | 92.68 RT | 851.75 | 2155+92.85 | 128.99 RT | 848.00 | BACKSLOPE DRAINS, TY1 | 4 | 134.0 | 2.80 | 126.6 | 19.9 |
| U-17S | 2154+55.25 | 103.32 RT | 858.50 | 2155+91.15 | 140.20 RT | 853.00 | BACKSLOPE DRAINS, TY1 | 4 | 135.0 | 4.07 | 127.5 | 20.0 |
| U-18S | 2155+91.15 | 140.20 RT | 853.00 | 2156+00.00 | 80.75 RT | 830.00 | BACKSLOPE DRAINS, TY1 | 6 | 60.0 | 38.33 | 56.7 | 8.9 |

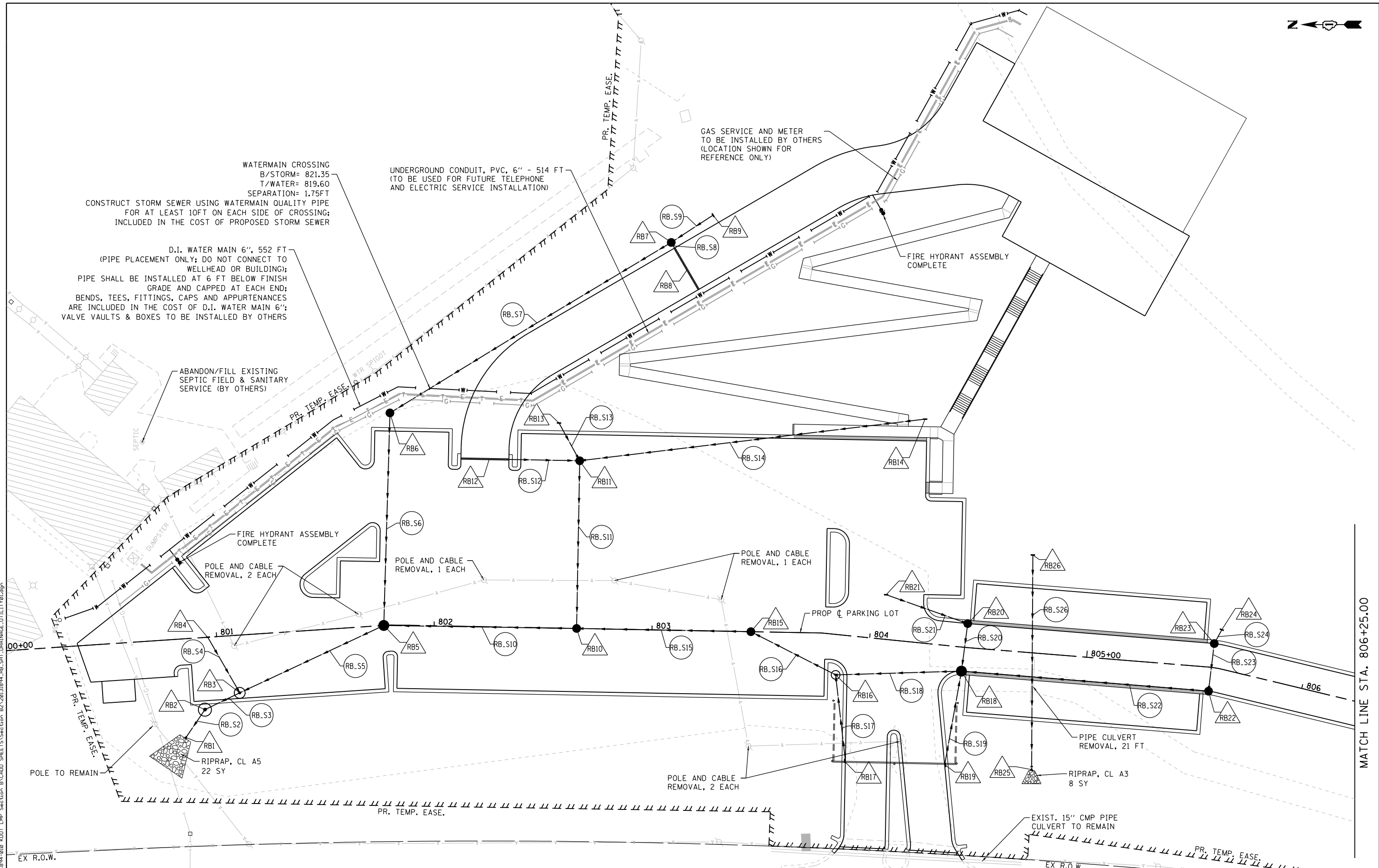
EMBANKMENT UNDERDRAIN TABLE (SOUTH): STA. 2156+00 TO STA. 2162+00

| PIPE NO. | PIPE LOCATION | | | | | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | FILTER FABRIC (SY) | POROUS GRANULAR BACKFILL (CU. YD.) |
|----------|---------------|-----------|--------|------------|-----------|--------|-----------------------|-----------|--------|-------|--------------------|------------------------------------|
| | FROM | | | TO | | | | | | | | |
| | FROM STA. | OFFSET | INV. | TO STA. | OFFSET | INV. | | | | | | |
| U19S | 2157+16.61 | 204.53 RT | 835.00 | 2156+49.06 | 118.86 RT | 830.00 | BACKSLOPE DRAINS, TY1 | 4 | 109.0 | 4.59 | 102.9 | 16.1 |
| U-20S | 2157+04.45 | 205.19 RT | 840.00 | 2156+42.10 | 126.05 RT | 835.00 | BACKSLOPE DRAINS, TY1 | 4 | 101.0 | 4.95 | 95.4 | 15.0 |
| U-21S | 2156+93.15 | 205.80 RT | 845.00 | 2156+35.15 | 133.23 RT | 840.00 | BACKSLOPE DRAINS, TY1 | 4 | 93.0 | 5.38 | 87.8 | 13.8 |
| U-22S | 2156+82.63 | 206.37 RT | 849.00 | 2156+28.19 | 140.41 RT | 844.18 | BACKSLOPE DRAINS, TY1 | 4 | 86.0 | 5.60 | 81.2 | 12.7 |
| U-23S | 2156+60.60 | 207.57 RT | 854.00 | 2156+15.44 | 153.34 RT | 850.00 | BACKSLOPE DRAINS, TY1 | 4 | 70.0 | 5.71 | 66.1 | 10.4 |
| U-24S | 2156+15.44 | 153.34 RT | 850.00 | 2156+58.02 | 109.61 RT | 829.00 | BACKSLOPE DRAINS, TY1 | 6 | 61.0 | 34.43 | 57.6 | 9.0 |

FILE NAME = WA994-010 KDOT LMP Section B\CADD SHEETS\Section B2\2013\894_SHT_DRAINAGE_TABLES.dgn



Bollinger, Lach & Associates, Inc.<



FILE NAME = WA.894-010 KDOT LMP Section B\CADD SHEETS\Section B2\20131894_RB_SHT_DRAINAGE UTILITY.dgn

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

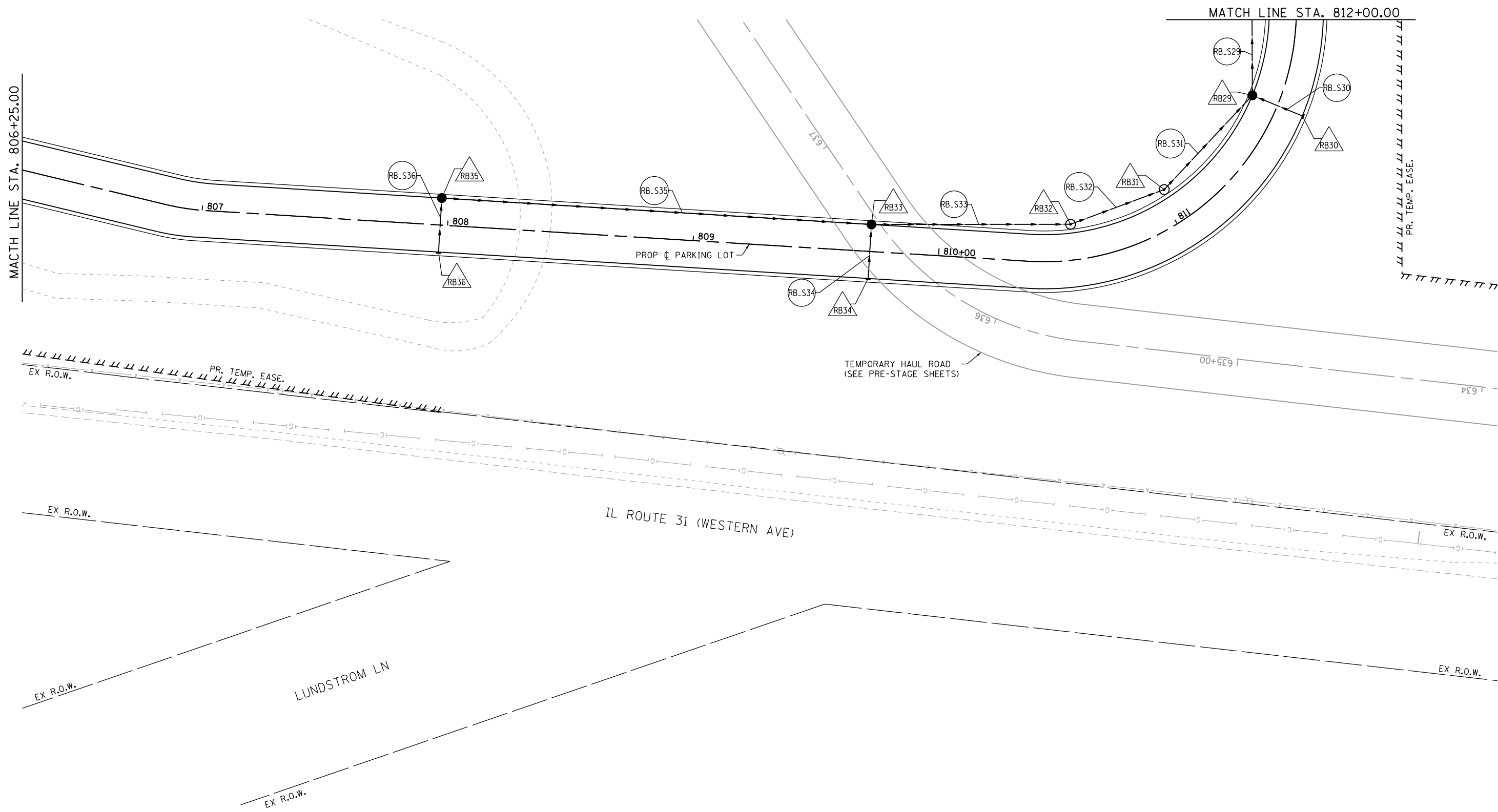
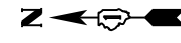
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|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RAGING BUFFALO
 DRAINAGE AND UTILITY PLAN**

SCALE: 1"=20' SHEET 258 OF 611 SHEETS STA. 800+00.00 TO STA. 806+25.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 258 |
| | | | CONTRACT NO. 61E05 | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = \\A:\94-010\KDOT\LMP\Section B\CADD SHEETS\Section B2\20131894_RB_SHT_DRAINAGE.UTILITY02.dgn

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

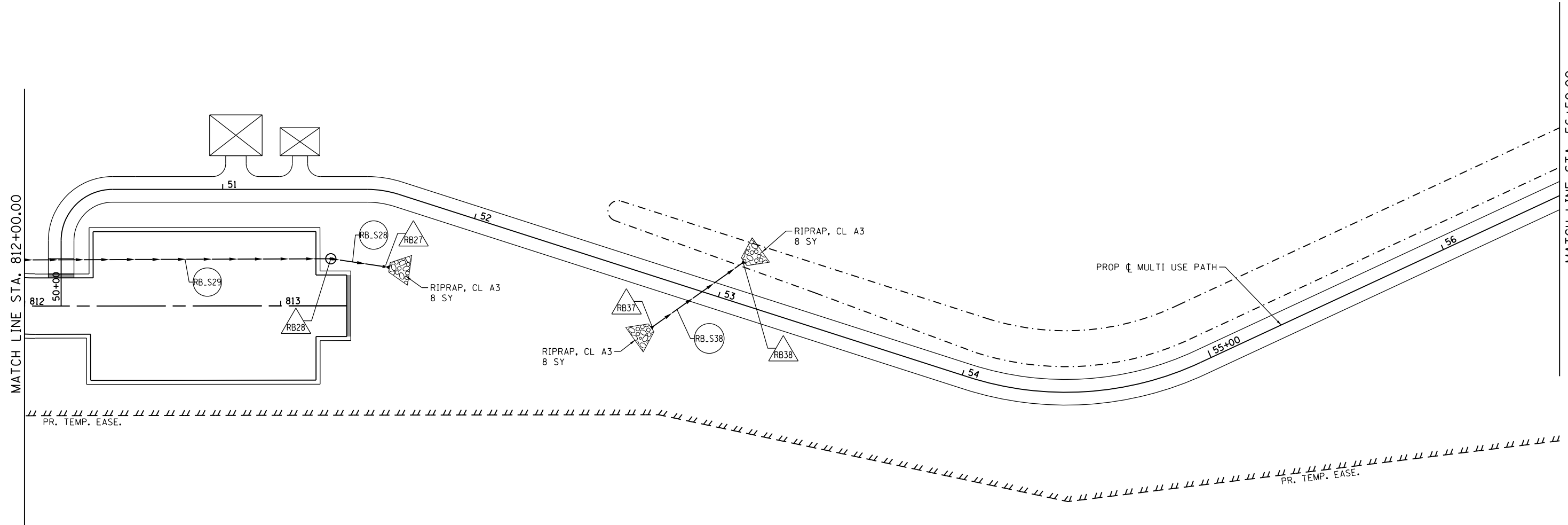
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|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**RAGING BUFFALO
 DRAINAGE AND UTILITY PLAN**

SCALE: 1"=20' SHEET 259 OF 611 SHEETS STA. 806+25.00 TO STA. 812+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 259 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = \\A:\94-010\KDOT_LMP_Section B\CADD_SHEETS\Section B2\20131894_RB_SHT_DRAINAGE_UTILITY\B3.dgn



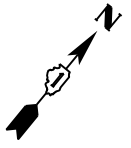
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|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| DRAWN - GJE | REVISIONS - | |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAGING BUFFALO
DRAINAGE AND UTILITY PLAN**

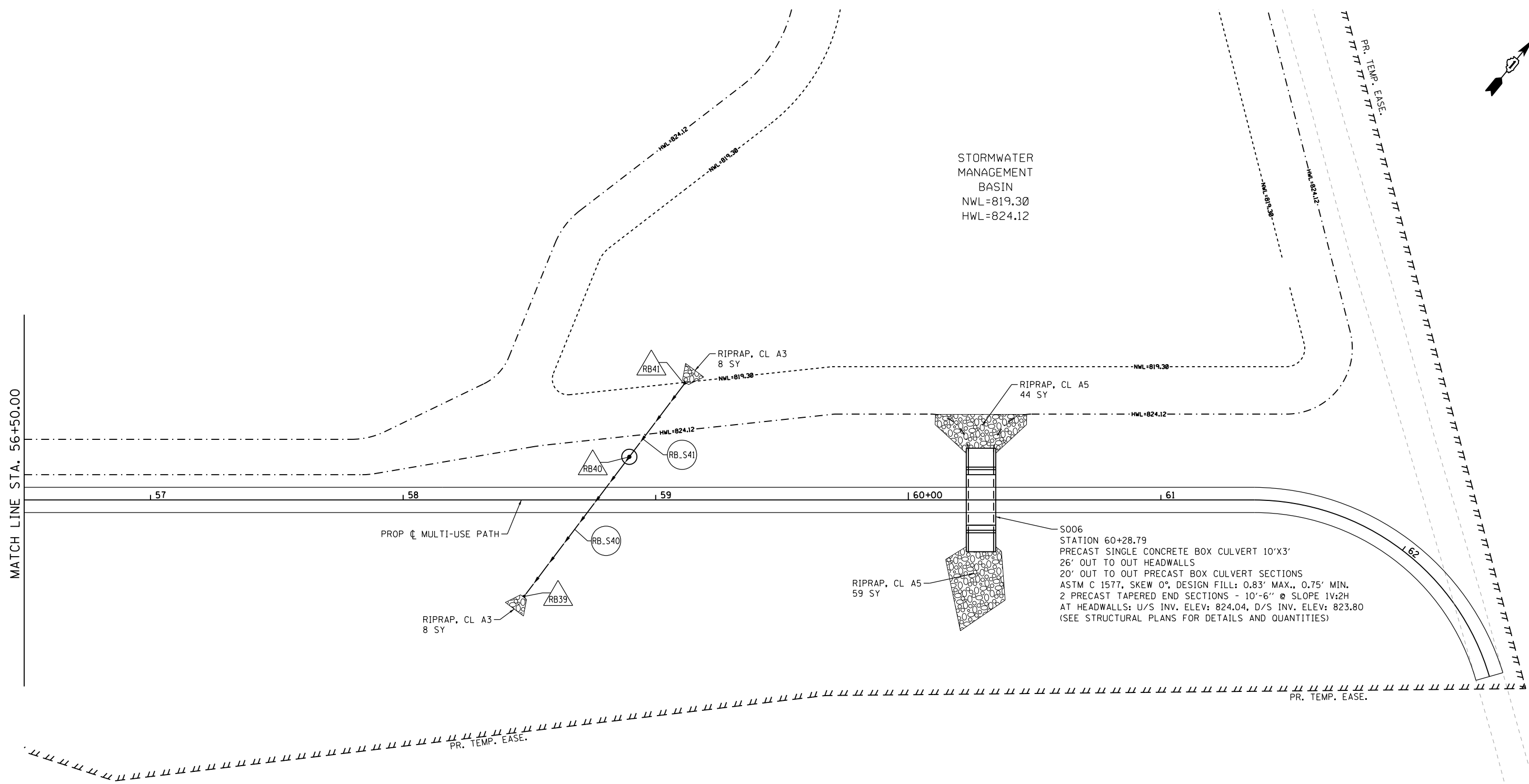
SCALE: 1"=20' SHEET 260 OF 611 SHEETS STA. 812+00.00 TO STA. 813+25.78

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 260 |
| CONTRACT NO. 61E05 | | | ILLINOIS FED. AID PROJECT | |



MATCH LINE STA. 56+50.00

STORMWATER
MANAGEMENT
BASIN
NWL=819.30
HWL=824.12



S006
STATION 60+28.79
PRECAST SINGLE CONCRETE BOX CULVERT 10'X3'
26' OUT TO OUT HEADWALLS
20' OUT TO OUT PRECAST BOX CULVERT SECTIONS
ASTM C 1577, SKEW 0°, DESIGN FILL: 0.83' MAX., 0.75' MIN.
2 PRECAST TAPERED END SECTIONS - 10'-6" @ SLOPE 1V:2H
AT HEADWALLS: U/S INV. ELEV: 824.04, D/S INV. ELEV: 823.80
(SEE STRUCTURAL PLANS FOR DETAILS AND QUANTITIES)

FILE NAME = \\A\94-010\KDOT_LMP_Section B\CADD_SHEETS\Section B2\20131894_RB_SHT_DRAINAGE_UTILITY04.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| DRAWN - GJE | REVISIONS - | |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAGING BUFFALO
DRAINAGE AND UTILITY PLAN**

SCALE: 1"=20' SHEET 261 OF 611 SHEETS STA. 56+50.00 TO STA. 62+61.72

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 261 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

RAGING BUFFALO DRAINAGE STRUCTURE TABLE: STA. 800+00 TO STA. 806+25

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
|------|-----------|-------------|---------------------|----|----|------------------|------|--------|--------|--------|--------|----------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| RB1 | 800+82.58 | 45.64' RT | | | | PRC FES 24" | - | | | 816.75 | | - |
| RB2 | 800+92.41 | 33.08' RT | | | | MANHOLE, SPECIAL | 1 CL | | | 816.88 | | 821.10 |
| RB3 | 801+08.87 | 26.44' RT | A5 | | | W/ FLAT SLAB TOP | 1 CL | 816.92 | 816.92 | 817.02 | | 820.76 |
| RB4 | 800+95.94 | 0.00' RT | | | A | | 1 OL | | | | 817.17 | 819.79 |
| RB5 | 801+76.88 | 0.00' RT | A5 | | | W/ FLAT SLAB TOP | 1 OL | 817.05 | 817.05 | 818.75 | | 822.20 |
| RB6 | 801+80.00 | 97.34' LT | A4 | | | W/ FLAT SLAB TOP | 8 | | | 819.40 | | 823.20 |
| RB7 | 803+05.53 | 177.96' LT | A4 | | | W/ FLAT SLAB TOP | 8 | 833.10 | 833.10 | | 835.70 | 837.10 |
| RB8 | 803+12.80 | 165.99' LT | | | | TRENCH DRAIN | - | | | 836.10 | | 837.42 |
| RB9 | 803+24.51 | 190.81' LT | | | A | | 8 | 834.05 | | | | 839.05 |
| RB10 | 802+65.40 | 0.00' LT | A4 | | | | 1 OL | 817.21 | 817.31 | 819.21 | | 823.13 |
| RB11 | 802+65.40 | 76.99' LT | A4 | | | | 1 OL | 821.58 | 820.70 | 820.70 | 820.60 | 825.13 |
| RB12 | 802+21.89 | 76.98' LT | | | | TRENCH DRAIN | - | | | 823.89 | | 825.21 |
| RB13 | 802+55.58 | 94.13' LT | | | A | | 8 | | | | 820.82 | 824.50 |
| RB14 | 804+15.28 | 102.42' LT | | | A | | 8 | 822.40 | | | | 826.40 |
| RB15 | 803+45.40 | 0.00' LT | | | A4 | | 1 OL | 817.52 | 817.62 | | | 823.52 |
| RB16 | 803+86.17 | 18.50' RT | A4 | | | | 1 CL | 817.77 | 817.77 | | 818.02 | 823.90 |
| RB17 | 803+94.58 | 57.31' RT | | | A | | 11 | | | 818.22 | | 821.15 |
| RB18 | 804+43.45 | 11.02' RT | A5 | | | W/ FLAT SLAB TOP | 11 | 817.91 | 819.97 | 819.97 | 818.07 | 823.49 |
| RB19 | 804+40.08 | 54.65' RT | | | A | | 11 | | | | 818.35 | 821.18 |
| RB20 | 804+44.12 | 11.00' LT | A4 | | | W/ FLAT SLAB TOP | 11 | 820.08 | | | 820.08 | 823.56 |
| RB21 | 804+05.57 | 20.41' LT | | | A | | 1 OL | | 820.86 | | | 824.56 |
| RB22 | 805+57.41 | 11.00' RT | A4 | | | W/ FLAT SLAB TOP | 11 | 823.63 | | | 823.63 | 827.13 |
| RB23 | 805+57.41 | 11.00' LT | A4 | | | W/ FLAT SLAB TOP | 11 | | | | 823.80 | 827.13 |
| RB24 | 805+59.31 | 17.80' LT | | | A | | 8 | | | | | 823.94 |
| RB25 | 804+79.00 | 53.95' RT | | | | PRC FES 12" | - | | | 818.00 | | - |
| RB26 | 804+71.59 | 44.80' LT | | | A | | 8 | | | | 818.99 | 823.50 |

RAGING BUFFALO DRAINAGE STRUCTURE TABLE: STA. 806+25 TO STA. 812+00

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
|------|-----------|-------------|---------------------|----|----|------------------|------|--------|--------|--------|--------|----------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| RB29 | 811+64.00 | 11.00' LT | | | A4 | W/ FLAT SLAB TOP | 11 | 824.37 | 824.47 | 824.37 | | 828.03 |
| RB30 | 811+64.00 | 11.00' RT | | | A | | 11 | 824.58 | | | | 828.03 |
| RB31 | 811+03.30 | 14.58' LT | A4 | | | | 1 CL | 824.64 | 824.54 | | | 829.19 |
| RB32 | 810+55.53 | 14.58' LT | A4 | | | | 1 CL | 824.84 | 824.84 | | | 829.71 |
| RB33 | 809+71.97 | 11.00' LT | | | A4 | W/ FLAT SLAB TOP | 11 | 825.20 | 825.20 | | 825.20 | 828.77 |
| RB34 | 809+71.97 | 11.00' RT | | | A | | 11 | | | | 825.31 | 828.77 |
| RB35 | 807+96.97 | 11.00' LT | | | A4 | W/ FLAT SLAB TOP | 11 | | 825.97 | | 825.97 | 829.38 |
| RB36 | 807+96.97 | 11.00' RT | | | A | | 11 | | | 826.08 | | 829.38 |

RAGING BUFFALO DRAINAGE STRUCTURE TABLE: STA. 50+00 TO STA. 56+50

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
|------|-----------|-------------|---------------------|----|----|-------------|------|--------|-----|--------|--------|----------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| RB27 | 51+74.18 | 28.32' RT | | | | PRC FES 15" | - | | | | 823.80 | - |
| RB28 | 813+19.59 | 18.35' LT | A4 | | | | 1 CL | | | 823.88 | 823.88 | 828.20 |
| RB38 | 53+05.39 | 16.12' LT | | | | PRC FES 15" | - | | | | 823.65 | - |
| RB37 | 52+78.70 | 19.49' RT | | | | PRC FES 15" | - | | | 823.80 | | - |

RAGING BUFFALO DRAINAGE STRUCTURE TABLE: STA. 56+50 TO STA. 62+62

| NO. | STA. | OFFSET (FT) | STRUCTURE TYPE/SIZE | | | | F&G | INVERT | | | | RIM ELEV |
|-------|----------|-------------|---------------------|----|----|-----------------|------|--------|--------|-----|-----|----------|
| | | | MH | CB | IN | OTHER | | (N) | (S) | (E) | (W) | |
| RB39 | 58+47.69 | 38.47' RT | | | | PRC FES 12" | | 818.80 | | | | - |
| RB40 | 58+89.56 | 17.08' LT | A6 | | | RESTRICTOR 6" | 1 CL | 819.12 | 819.00 | | | 826.25 |
| RB41 | 59+11.81 | 46.60' LT | | | | PRC FES 12" | | | 819.30 | | | - |
| *S006 | 60+28.79 | 0.00' RT | | | | 10'X3' BOX CULV | | 824.04 | 823.80 | | | - |

* SEE DRAINAGE PLANS FOR FOR BOX CULVERT DESIGN DETAILS AND STRUCTURAL PLANS FOR END SECTION DETAILS AND QUANTITIES

RAGING BUFFALO PIPE TABLE: STA. 800+00 TO STA. 806+25

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| RB.S2 | RB2 | RB1 | SS CL A TY 1 | 24 | 16.0 | 0.25 | 0 |
| RB.S3 | RB3 | RB2 | SS CL A TY 1 | 24 | 18.0 | 0.22 | 3.7 |
| RB.S4 | RB4 | RB3 | SS CL A TY 1 | 12 | 29.0 | 0.52 | 4.4 |
| RB.S5 | RB5 | RB3 | SS CL A TY 1 | 24 | 73.0 | 0.18 | 19.3 |
| RB.S6 | RB6 | RB5 | SS CL A TY 2 | 12 | 98.0 | 0.66 | 19 |
| RB.S7 | RB7 | RB6 | SS CL B TY 2 | 10 | 151.0 | 9.07 | 0 |
| RB.S8 | RB8 | RB7 | SS CL B TY 1 | 8 | 3.0 | 10.00 | 0 |
| RB.S9 | RB9 | RB7 | SS CL B TY 2 | 10 | 23.0 | 4.13 | 0 |
| RB.S10 | RB10 | RB5 | SS CL A TY 2 | 24 | 89.0 | 0.18 | 36.7 |
| RB.S11 | RB11 | RB10 | SS CL A TY 2 | 12 | 77.0 | 1.81 | 19.8 |
| RB.S12 | RB12 | RB11 | SS CL B TY 1 | 8 | 33.0 | 7.00 | 4.6 |
| RB.S13 | RB13 | RB11 | SS CL B TY 2 | 10 | 20.0 | 0.60 | 4.7 |
| RB.S14 | RB14 | RB11 | SS CL B TY 2 | 10 | 160.0 | 1.06 | 40.5 |
| RB.S15 | RB15 | RB10 | SS CL A TY 2 | 18 | 80.0 | 0.26 | 54.7 |
| RB.S16 | RB16 | RB15 | SS CL A TY 2 | 15 | 44 | 0.34 | 31.3 |
| RB.S17 | RB17 | RB16 | SS CL A TY 1 | 12 | 40 | 0.50 | 4.2 |
| RB.S18 | RB18 | RB16 | SS CL A TY 2 | 15 | 58 | 0.34 | 39.2 |
| RB.S19 | RB19 | RB18 | SS CL A TY 1 | 12 | 54 | 0.52 | 3.5 |
| RB.S20 | RB20 | RB18 | SS CL A TY 1 | 12 | 22 | 0.50 | 3.8 |
| RB.S21 | RB21 | RB20 | SS CL A TY 1 | 12 | 39 | 2.00 | 7.6 |
| RB.S22 | RB22 | RB18 | SS CL A TY 1 | 12 | 114 | 3.21 | 19.7 |
| RB.S23 | RB23 | RB22 | SS CL A TY 1 | 12 | 22 | 0.77 | 3.8 |
| RB.S24 | RB24 | RB23 | SS CL A TY 1 | 12 | 7 | 2.00 | 0.4 |
| RB.S26 | RB26 | RB25 | SS CL A TY 2 | 12 | 99 | 1.00 | 46.6 |

RAGING BUFFALO PIPE TABLE: STA. 806+25 TO STA. 812+00

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|--------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| RB.S29 | RB29 | RB28 | SS CL A TY 1 | 15 | 150.0 | 0.33 | 24.8 |
| RB.S30 | RB30 | RB29 | SS CL A TY 1 | 12 | 22.0 | 0.50 | 3.8 |
| RB.S31 | RB31 | RB29 | SS CL A TY 2 | 15 | 52.0 | 0.33 | 1.8 |
| RB.S32 | RB32 | RB31 | SS CL A TY 2 | 12 | 41.0 | 0.49 | 0 |
| RB.S33 | RB33 | RB32 | SS CL A TY 1 | 12 | 81.0 | 0.44 | 13.1 |
| RB.S34 | RB34 | RB33 | SS CL A TY 1 | 12 | 22.0 | 0.50 | 3.8 |
| RB.S35 | RB35 | RB33 | SS CL A TY 1 | 12 | 175.0 | 0.44 | 30.3 |
| RB.S36 | RB36 | RB35 | SS CL A TY 1 | 12 | 22.0 | 0.50 | 3.8 |

RAGING BUFFALO PIPE TABLE: STA. 50+00 TO STA. 56+50

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|-----------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| RB.S28 | RB28 | RB27 | SS CL A TY 1 | 15 | 23.0 | 0.35 | 0.0 |
| RB.S38 | RB38 | RB37 | P CUL CL A TY 1 | 15 | 44.0 | 0.32 | 2.1 |

RAGING BUFFALO PIPE TABLE: STA. 56+50 TO STA. 62+62

| PIPE NO. | PIPE LOCATION | | DESCRIPTION | DIA. (IN) | L (FT) | S (%) | TRENCH BACKFILL VOL. (CU YD.) |
|----------|---------------|---------|-----------------|-----------|--------|-------|-------------------------------|
| | FROM STR. | TO STR. | | | | | |
| RB.S40 | RB40 | RB39 | SS CL A TY 2 | 12 | 43 | 0.50 | 15.1 |
| RB.S41 | RB41 | RB40 | SS CL A TY 2 | 12 | 63 | 0.50 | 0 |
| *S006 | - | - | 10'X3' BOX CULV | - | 20 | 1.00 | - |

* SEE STRUCTURAL PLANS FOR BOX CULVERT DESIGN DETAILS AND END SECTION DETAILS AND QUANTITIES

FILE NAME = \\A\894-010\KDOT\LMP\Section B\CADD_SHEETS\Section B2\20131894_SHT_DRAINAGE_TABLES.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

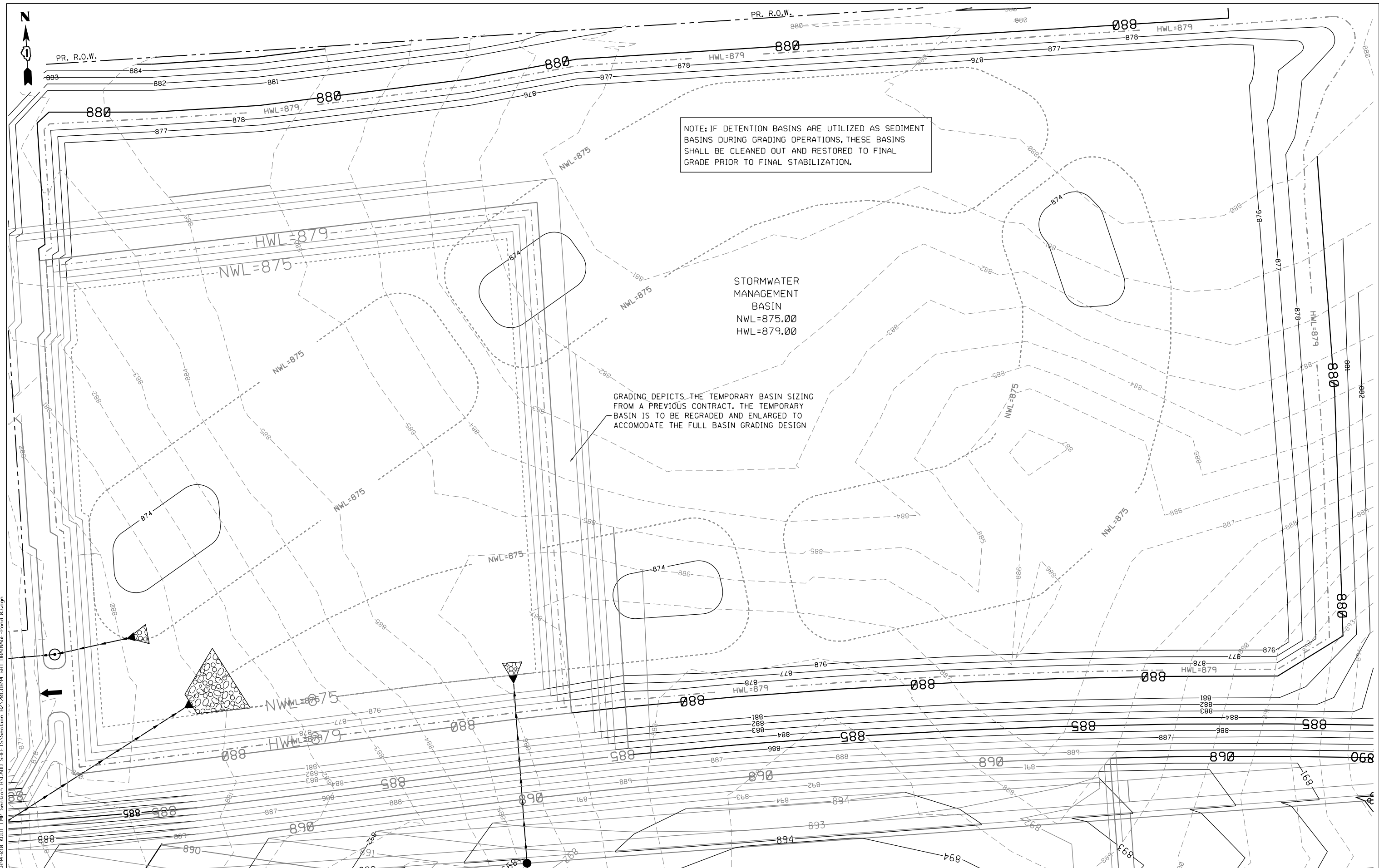
**RAGING BUFFALO
DRAINAGE TABLES**

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 262 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

NOTE: IF DETENTION BASINS ARE UTILIZED AS SEDIMENT BASINS DURING GRADING OPERATIONS, THESE BASINS SHALL BE CLEANED OUT AND RESTORED TO FINAL GRADE PRIOR TO FINAL STABILIZATION.

GRADING DEPICTS THE TEMPORARY BASIN SIZING FROM A PREVIOUS CONTRACT. THE TEMPORARY BASIN IS TO BE REGRADED AND ENLARGED TO ACCOMMODATE THE FULL BASIN GRADING DESIGN

STORMWATER MANAGEMENT BASIN
 NWL=875.00
 HWL=879.00



FILE NAME = MA:894-010_KDOT_LWP_Section_B\CADD_SHEETS\Section_B2\20131894_SHT_DRAINAGE-Pond1.dgn

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

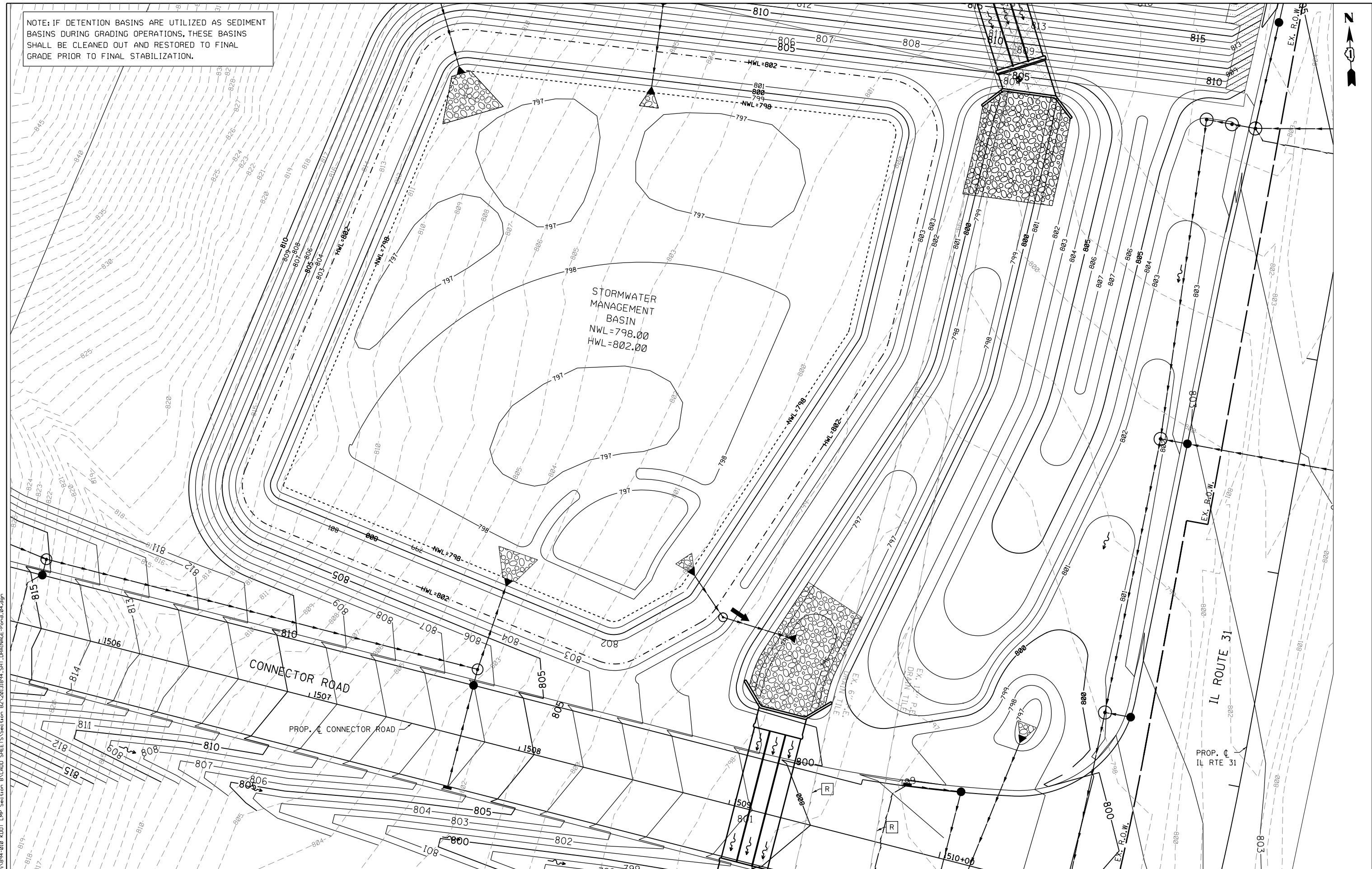
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRAINAGE BASINS

SCALE: 1"=20' SHEET 263 OF 611 SHEETS STA. 2138+50.00 TO STA. 2144+70.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 263 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

NOTE: IF DETENTION BASINS ARE UTILIZED AS SEDIMENT BASINS DURING GRADING OPERATIONS, THESE BASINS SHALL BE CLEANED OUT AND RESTORED TO FINAL GRADE PRIOR TO FINAL STABILIZATION.



FILE NAME = \\A\94-010_KDOT_LWP_Section B\CADD_SHEETS\Section B2\20131894_SHT_DRAINAGE-Pond.dwg

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

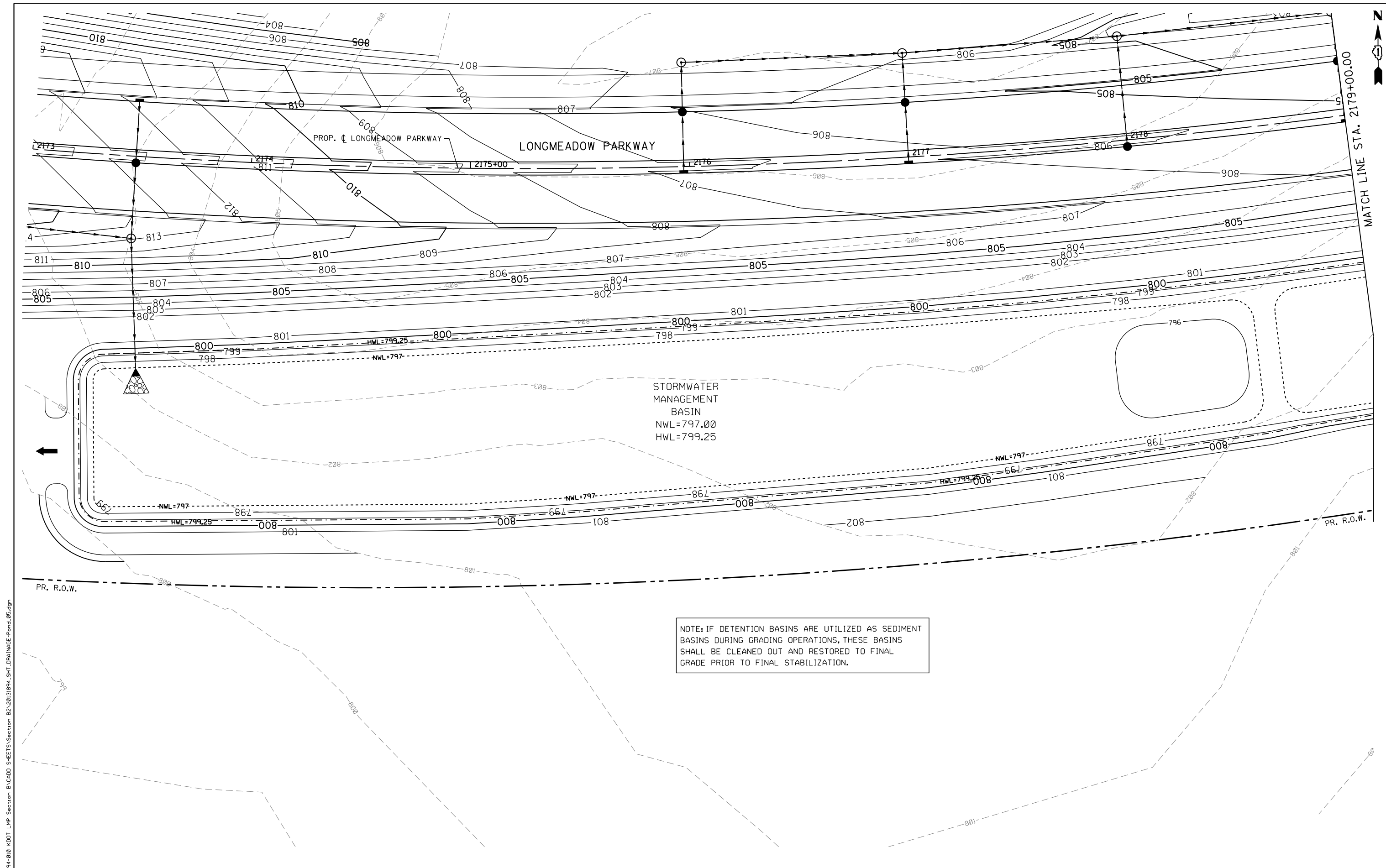
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|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
BASIN DRAINAGE PLAN**

SCALE: 1"=20' SHEET 264 OF 611 SHEETS STA. 2159+75.00 TO STA. 2165+90.00

| | | | | |
|---------------------------|------------------------|-------------|--------------------|---------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 264 |
| | | | CONTRACT NO. 61E05 | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = \\A:\94-010\KDOT\LVP\Section B\CADD SHEETS\Section B2\20131894_SHT_DRAINAGE-Pend.05.dgn

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

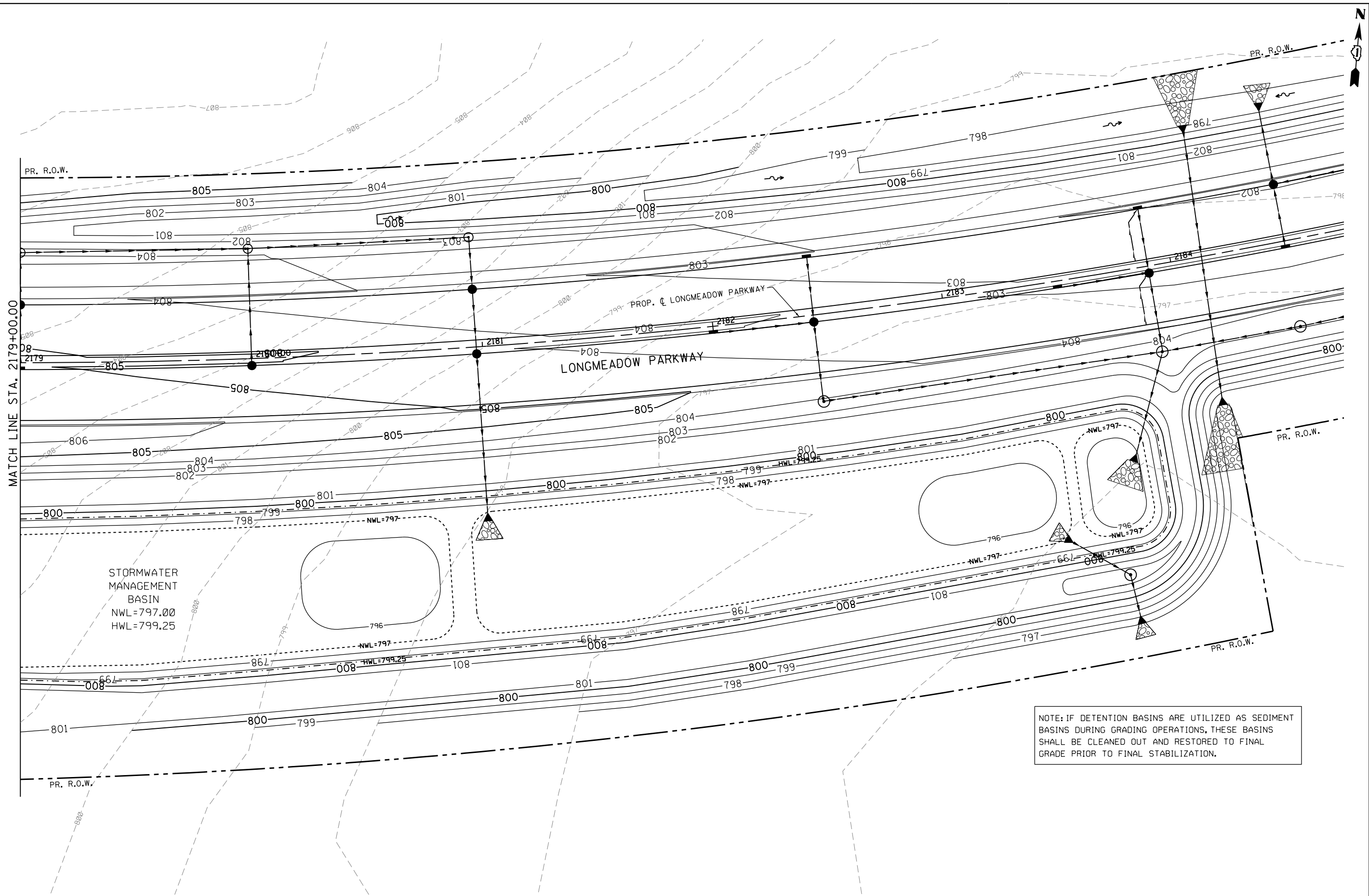
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|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
 BASIN DRAINAGE PLAN**

SCALE: 1"=20' SHEET 265 OF 611 SHEETS STA. 2173+00.00 TO STA. 2179+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 265 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTE: IF DETENTION BASINS ARE UTILIZED AS SEDIMENT BASINS DURING GRADING OPERATIONS, THESE BASINS SHALL BE CLEANED OUT AND RESTORED TO FINAL GRADE PRIOR TO FINAL STABILIZATION.

FILE NAME = \\A:\94-010\KDOT\LMP\Section B\CADD SHEETS\Section B2\20131894_SHT_DRAINAGE-Pend.dwg



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
BASIN DRAINAGE PLAN**

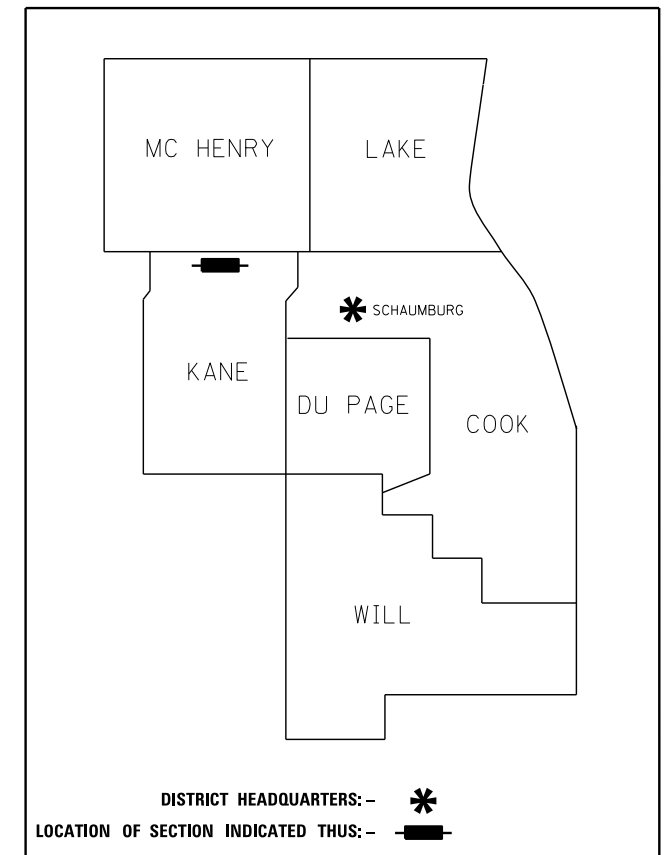
SCALE: 1"=20' SHEET 266 OF 611 SHEETS STA. 2179+00.00 TO STA. 2184+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 266 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

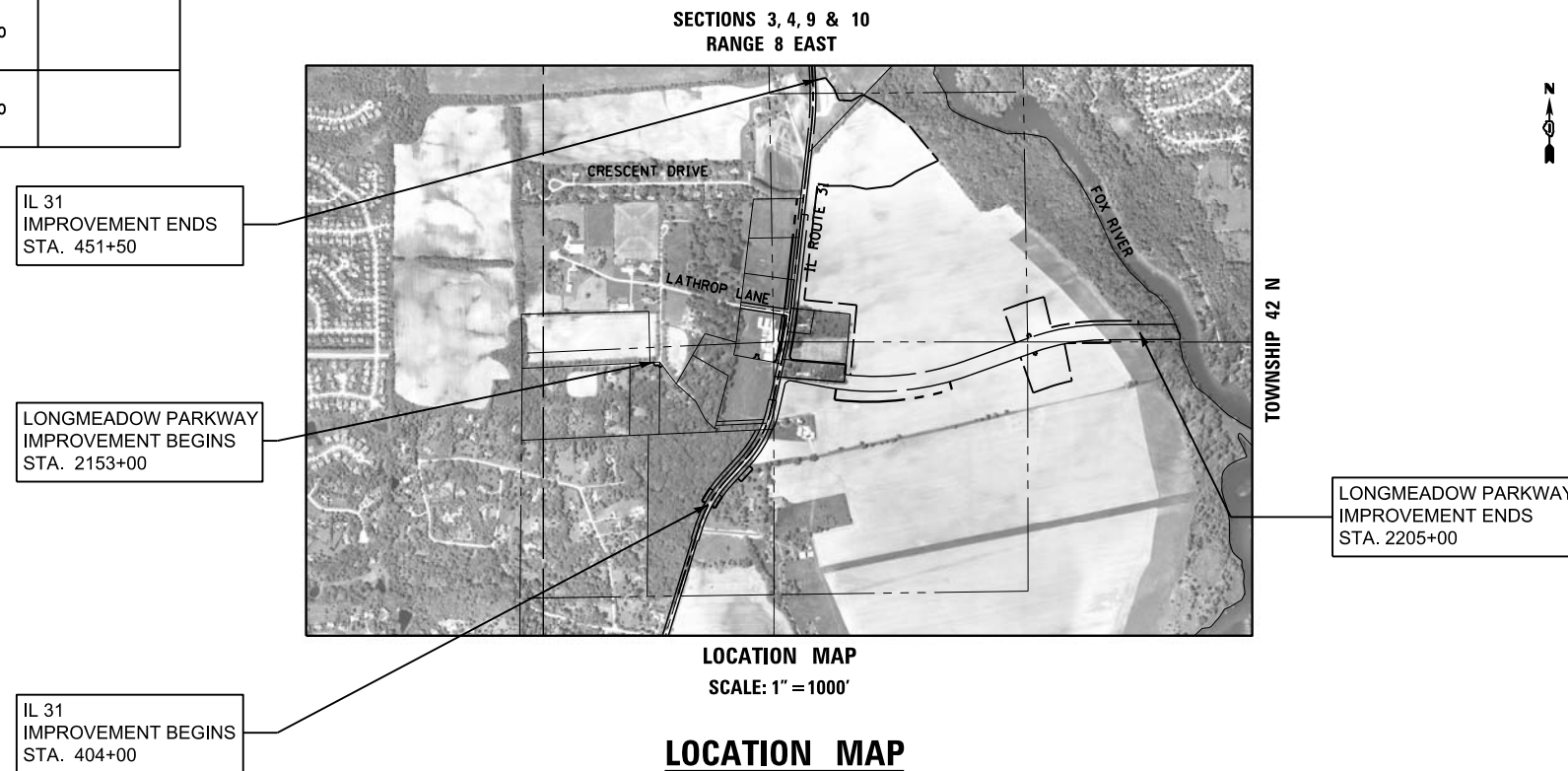
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

LONGMEADOW PARKWAY
SECTION NO. 94-00215-01-ES
COUNTY: KANE COUNTY, IL
LIMITS: AT IL RTE 31
JOB NO. R-91-020-02

| PARCEL NUMBER | OWNER | SHEET NUMBER | PROPERTY ACQUIRED BY |
|--|--|-------------------|----------------------|
| ILN0041 | FIRST AMERICAN BANK SUCCESSOR TRUSTEE TO THE FIRST BANK OF DUNDEE AS TRUSTEE UNDER TRUST AGREEMENT DATED SEPTEMBER 1, 1983 AND KNOWN AS TRUST NUMBER 83-048 | 2, 8 | |
| ILN0042 | GAYLE RYAN, RAE R. RYAN AND WILLIAM J. RYAN, SUCCESSOR TESTAMENTARY CO-TRUSTEES FOR MELVA JEAN RYAN UNDER THE LAST WILL AND TESTAMENT OF JESS R. LATHROP, DECEASED, AS TO PARCEL 1; GAYL RYAN ALSO KNOWN AS GAYL RYAN HOESER, RAE RYAN BARRY, FORMERLY KNOWN AS RAE R. BEASLEY AND WILLIAM JAMES RYAN III ALSO KNOWN AS WILLIAM JAMES RYAN JR. AS SUCCESSOR CO-TRUSTEES TO MELVA JEAN RYAN TRUSTEE UNDER TRUST DATED JULY 1, 1983 AND KNOWN AS DECLARATION OF TRUST FOR MELVA JEAN RYAN, AS TO PARCEL 2 | 2, 5 | |
| ILN0043 | ALEX McTAVISH ADMINISTRATOR WITH WILL ANNEXED FOR REAL ESTATE OF THOMAS P. McNAMEE DECEASED (CASE #10 PKA 27 KANE COUNTY, ILLINOIS) | 2, 5 | |
| ILN0047 ILN0047TE-A ILN0047TE-B | FIRST AMERICAN BANK SUCCESSOR TO THE FIRST BANK OF DUNDEE AS TRUSTEE UNDER TRUST AGREEMENT DATED MAY 14, 1984 AND KNOWN AS TRUST NUMBER 84-058 | 2, 5 | |
| ILN0050 | FIRST AMERICAN BANK SUCCESSOR TO THE FIRST BANK OF DUNDEE AS TRUSTEE UNDER TRUST NUMBER 83-048 | 2, 4 | |
| ILN0113 ILN0113TE-A ILN0113TE-B | FOREST PRESERVE DISTRICT OF KANE COUNTY | 2, 6, 7, 8, 9, 10 | |
| ILN0116 | FIRST AMERICAN BANK SUCCESSOR TO FIRST BANK OF DUNDEE AS TRUSTEE UNDER TRUST NUMBER 83-048 | 2, 3 | |
| ILN0117-A ILN0117-B ILN0117TE-A ILN0117TE-B | FOREST PRESERVE DISTRICT OF KANE COUNTY | 2, 6, 7, 10 | |
| ILN0118TE | BRUNO FOERSTER AND CLARA FOERSTER IN JOINT TENANCY | 2, 4 | |
| ILN0119TE | RUTH ELLEN MEYER, THORD NICHOLSON AND HARVEY NICHOLSON EACH TO AN UNDIVIDED 1/2 INTEREST | 2, 4 | |
| ILN0121 ILN0121TE | FOREST PRESERVE DISTRICT OF KANE COUNTY | 2, 3, 10 | |
| ILN0122 | FOREST PRESERVE DISTRICT OF KANE COUNTY | 2, 3, 10 | |



**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**



LOCATION MAP

NET LENGTH:

IL 31 = 4750 FT = 0.900 MILE

LONGMEADOW = 5200 FT = 0.985 MILE

GROSS LENGTH = 9950 FT = 1.885 MILES

CONTRACT 61E05

SHEET 267 OF 601

IDOT USE ONLY

PART OF THE SECTIONS 3, 4, 9, & 10 TWP. 42 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

PROP. CURVE LMDW-1
 PI STA. = 2153+16.75
 $\Delta = 12^\circ 09' 45''$ (RT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.79'$
 $T = 305.21'$
 $L = 608.13'$
 $E = 16.21'$
 P.C. STA. = 2150+11.54
 P.T. STA. = 2156+19.67

PROP. CURVE LMDW-2
 PI STA. = 2178+99.43
 $\Delta = 30^\circ 01' 17''$ (LT)
 $D = 2^\circ 00' 00''$
 $R = 2,864.79'$
 $T = 768.19'$
 $L = 1,501.07'$
 $E = 101.21'$
 P.C. STA. = 2171+31.24
 P.T. STA. = 2186+32.31

PROP. CURVE LMDW-3
 PI STA. = 2197+46.75
 $\Delta = 19^\circ 22' 25''$ (RT)
 $D = 2^\circ 30' 00''$
 $R = 2,291.83'$
 $T = 391.21'$
 $L = 774.95'$
 $E = 33.15'$
 P.C. STA. = 2193+55.54
 P.T. STA. = 2201+30.49

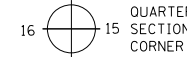
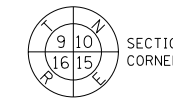
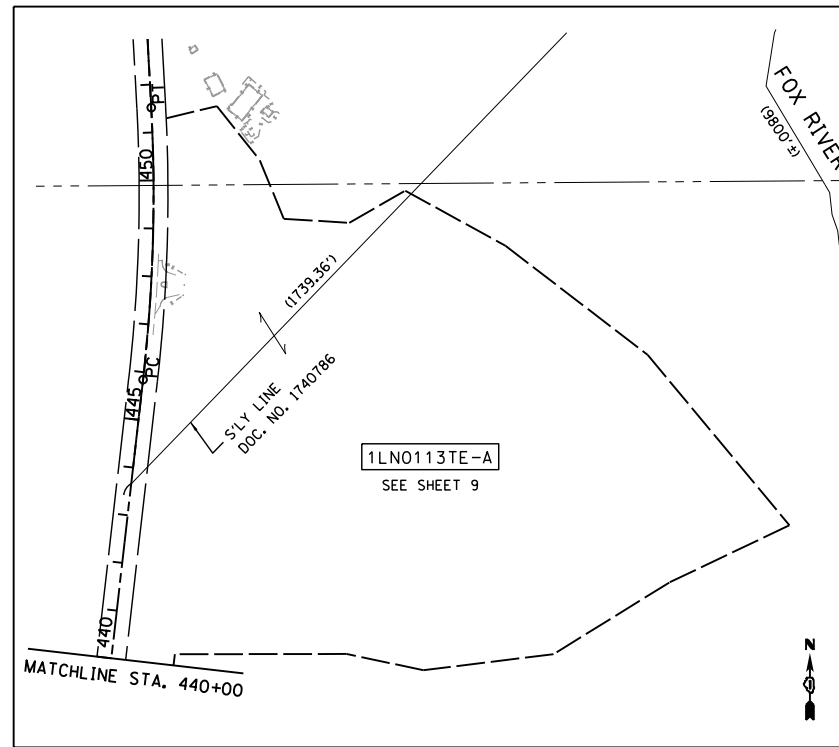
PROP. CURVE IL31-1
 PI STA. = 404+26.96
 $\Delta = 25^\circ 06' 52''$ (RT)
 $D = 4^\circ 15' 01''$
 $R = 1,348.02'$
 $T = 300.26'$
 $L = 590.88'$
 $E = 33.04'$
 P.C. STA. = 401+26.70
 P.T. STA. = 407+17.57

PROP. CURVE IL31-2
 PI STA. = 413+23.90
 $\Delta = 29^\circ 34' 56''$ (LT)
 $D = 4^\circ 58' 56''$
 $R = 1,150.00'$
 $T = 303.65'$
 $L = 593.75'$
 $E = 39.41'$
 P.C. STA. = 410+20.25
 P.T. STA. = 416+14.00

PROP. CURVE IL31-3
 PI STA. = 424+17.15
 $\Delta = 6^\circ 14' 29''$ (LT)
 $D = 0^\circ 57' 20''$
 $R = 5,996.00'$
 $T = 326.91'$
 $L = 653.17'$
 $E = 8.91'$
 P.C. STA. = 420+90.24
 P.T. STA. = 427+43.41

PROP. CURVE IL31-4
 PI STA. = 448+68.75
 $\Delta = 9^\circ 33' 50''$ (LT)
 $D = 1^\circ 41' 07''$
 $R = 3,400.00'$
 $T = 284.43'$
 $L = 567.54'$
 $E = 11.88'$
 P.C. STA. = 445+84.32
 P.T. STA. = 451+51.86

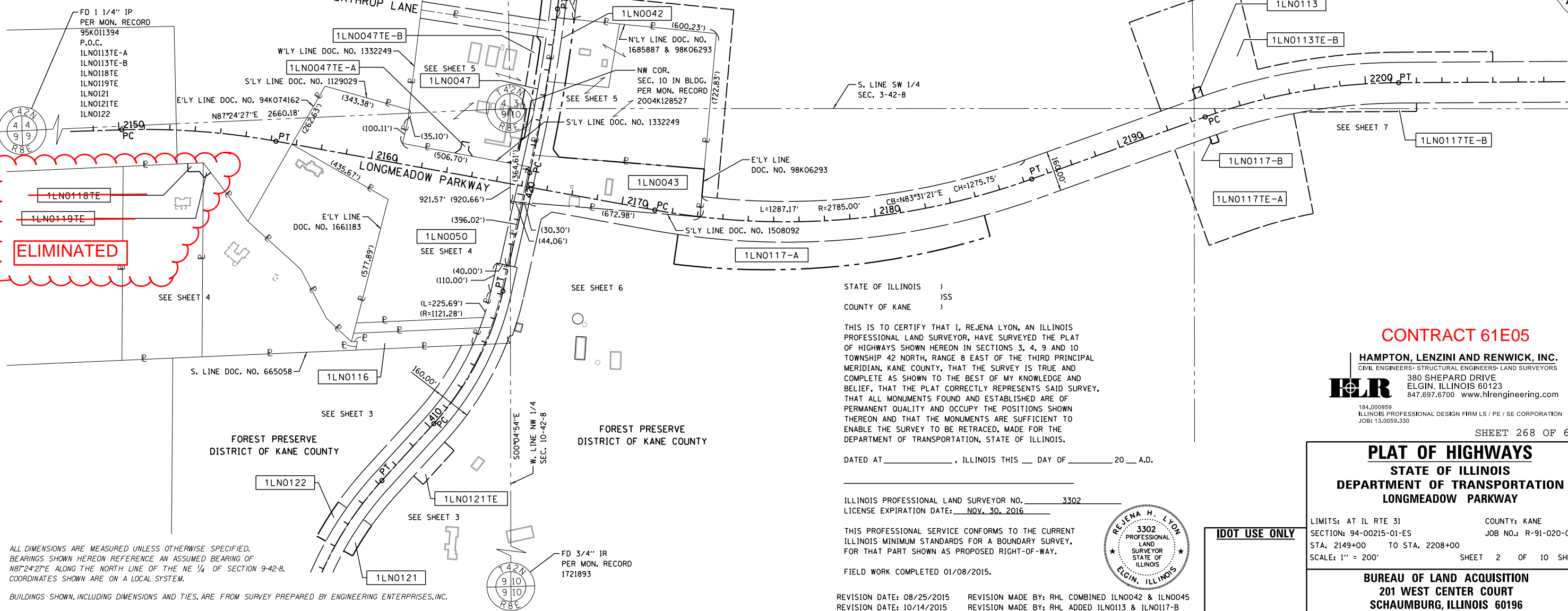
LUNDSTROM MANOR
 SUB UNIT
 REC. 3/19/1959
 DOC. NO. 884879



GRAPHIC SCALE
 FEET
 0 200
 SCALE: 1" = 200'

- LEGEND**
- SECTION / QUARTER SECTION LINE
 - PLATTED LOT LINES
 - PROPERTY (DEED) LINE
 - APPARENT PROPERTY LINE
 - EXISTING CENTERLINE
 - PROPOSED CENTERLINE
 - EXISTING RIGHT OF WAY LINE
 - PROPOSED RIGHT OF WAY LINE
 - EXISTING EASEMENT
 - PROPOSED EASEMENT
 - EXISTING ACCESS CONTROL LINE
 - PROPOSED ACCESS CONTROL LINE
 - MEASURED DIMENSION
 - COMPUTED DIMENSION
 - RECORDED DIMENSION
 - EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



STATE OF ILLINOIS)
) SS
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 3, 4, 9 AND 10 TOWNSHIP 42 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
 LICENSE EXPIRATION DATE: NOV. 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, FOR THAT PART SHOWN AS PROPOSED RIGHT-OF-WAY.

FIELD WORK COMPLETED 01/08/2015.

REVISION DATE: 08/25/2015 REVISION MADE BY: RHL COMBINED 1LN0042 & 1LN0045
 REVISION DATE: 10/14/2015 REVISION MADE BY: RHL ADDED 1LN0113 & 1LN0117-B



CONTRACT 61E05

HAMPTON, LENZINI AND RENWICK, INC.
 CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS
HLR
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 847.697.6700 www.hlrengineering.com
 184.000959
 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
 JOB: 13.0059.330

SHEET 268 OF 611

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 LONGMEADOW PARKWAY

LIMITS: AT IL RTE 31 COUNTY: KANE
 SECTION: 94-00215-01-ES JOB NO.: R-91-020-02
 STA. 2149+00 TO STA. 2208+00
 SCALE: 1" = 200' SHEET 2 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 BEARINGS SHOWN HEREON REFERENCE AN ASSUMED BEARING OF N87°24'27"E ALONG THE NORTH LINE OF THE NE 1/4 OF SECTION 9-42-8.
 COORDINATES SHOWN ARE ON A LOCAL SYSTEM.
 BUILDINGS SHOWN, INCLUDING DIMENSIONS AND TIES, ARE FROM SURVEY PREPARED BY ENGINEERING ENTERPRISES, INC.

LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
 COUNTY OF KANE)

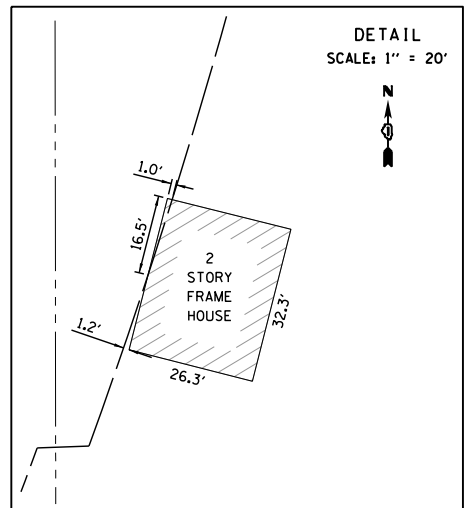
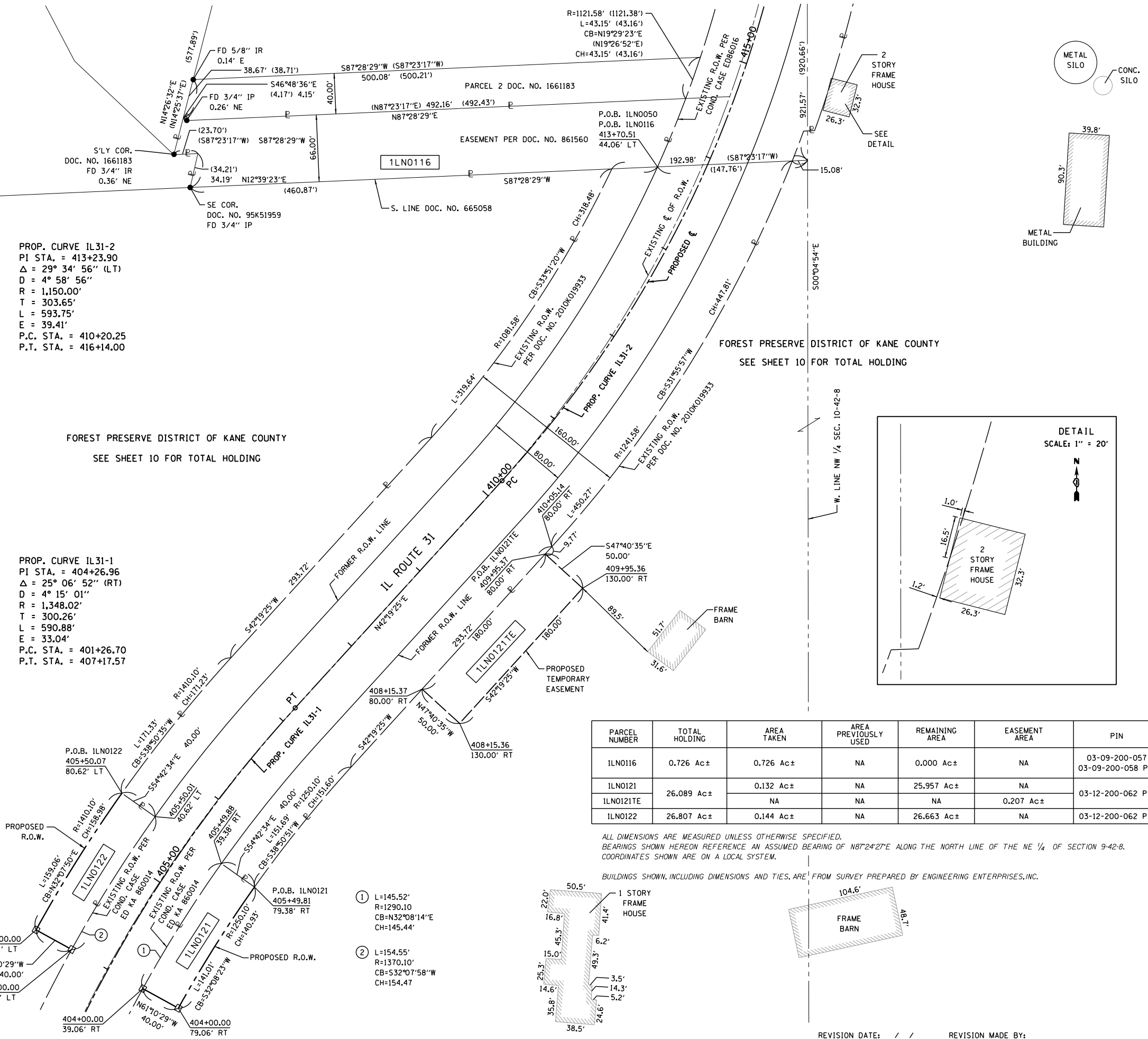
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DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
 LICENSE EXPIRATION DATE: NOV. 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, FOR THAT PART SHOWN AS PROPOSED RIGHT-OF-WAY.

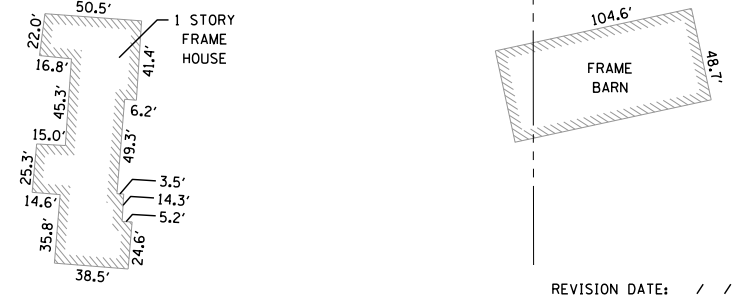
FIELD WORK COMPLETED 01/08/2015.



| PARCEL NUMBER | TOTAL HOLDING | AREA TAKEN | AREA PREVIOUSLY USED | REMAINING AREA | EASEMENT AREA | PIN |
|---------------|---------------|------------|----------------------|----------------|---------------|------------------------------------|
| 1LN0116 | 0.726 Ac± | 0.726 Ac± | NA | 0.000 Ac± | NA | 03-09-200-057 03-09-200-058 PT. |
| 1LN0121 | 26.089 Ac± | 0.132 Ac± | NA | 25.957 Ac± | NA | 03-12-200-062 PT. |
| 1LN0121TE | | NA | NA | 0.207 Ac± | NA | |
| 1LN0122 | 26.807 Ac± | 0.144 Ac± | NA | 26.663 Ac± | NA | 03-12-200-062 PT. |

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- ① L=145.52'
R=1290.10
CB=N32°08'14"E
CH=145.44'
- ② L=154.55'
R=1370.10'
CB=S32°07'58"W
CH=154.47

CONTRACT 61E05

HAMPTON, LENZINI AND RENWICK, INC.
 CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS
HLR
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 847.697.6700 www.hlrengineering.com



SHEET 269 OF 611

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 LONGMEADOW PARKWAY

LIMITS: AT IL RTE 31 COUNTY: KANE
 SECTION: 94-00215-01-ES JOB NO.: R-91-020-02
 STA. 404+00 TO STA. 415+00
 SCALE: 1" = 50' SHEET 3 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

REVISION DATE: / / REVISION MADE BY:

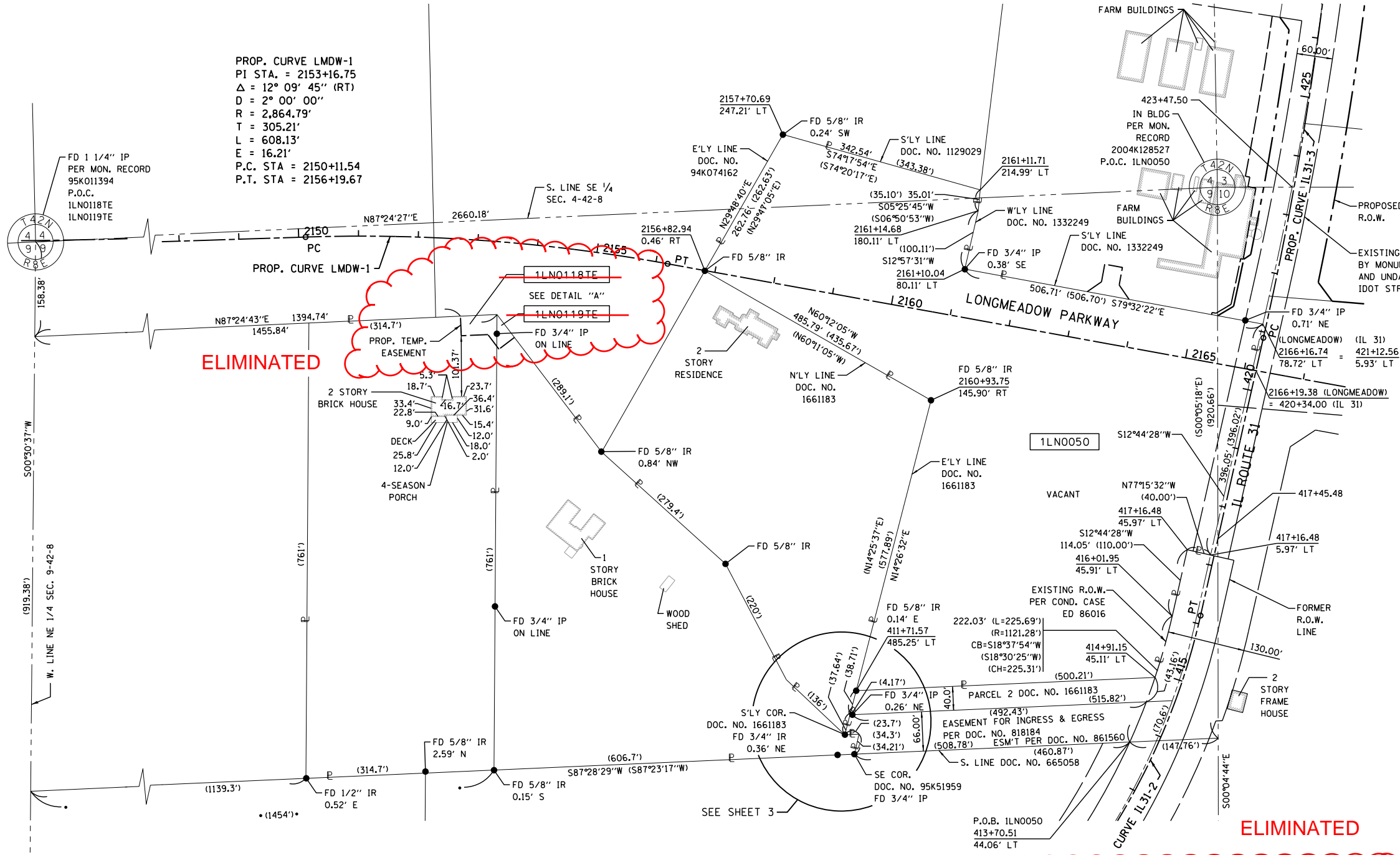
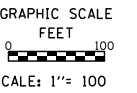
LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

129.32' (129.32') (COMP)
 129.32' (129.32')

● IRON PIPE OR ROD FOUND ⊕ 'MAG' NAIL SET
 + CUT CROSS FOUND OR SET ○ 5 / 8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET



STATE OF ILLINOIS)
)SS
 COUNTY OF KANE)

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DATED AT _____, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____ 3302
 LICENSE EXPIRATION DATE: _____ NOV. 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, FOR THAT PART SHOWN AS PROPOSED RIGHT-OF-WAY.

FIELD WORK COMPLETED 01/08/2015.



CONTRACT 61E05

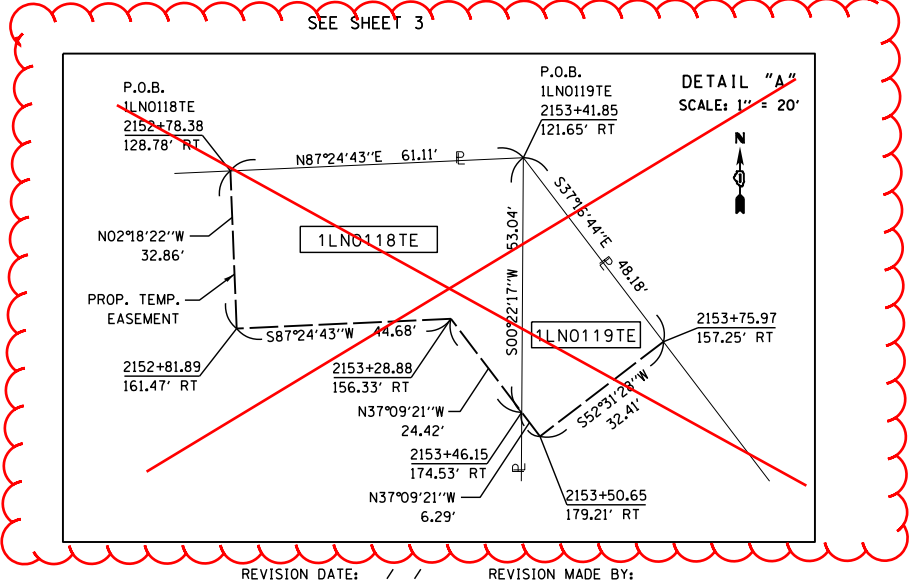
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184.000959
 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
 JOB: 13.0059.330

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 LONGMEADOW PARKWAY

LIMITS: AT IL RTE 31 COUNTY: KANE
 SECTION: 94-00215-01-ES JOB NO.: R-91-020-02
 STA. 2145+00 TO STA. 2167+00
 SCALE: 1" = 100' SHEET 4 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196



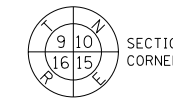
| PARCEL NUMBER | TOTAL HOLDING | AREA TAKEN | AREA PREVIOUSLY USED | REMAINING AREA | EASEMENT AREA | PIN |
|---------------|---------------|------------|----------------------|----------------|---------------|-------------------|
| ILN0050 | 10.171 Ac± | 10.171 Ac± | NA | 0.000 Ac± | NA | 03-09-200-058 PT. |
| ILN0118TE | 5.497 Ac± | NA | NA | NA | 0.049 Ac± | 03-09-200-005 |
| ILN0119TE | 5.383 Ac± | NA | NA | NA | 0.020 Ac± | 03-09-200-006 |

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 COORDINATES SHOWN ARE ON A LOCAL SYSTEM.

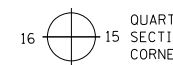
BUILDINGS SHOWN, INCLUDING DIMENSIONS AND TIES, ARE FROM SURVEY PREPARED BY ENGINEERING ENTERPRISES, INC.

PART OF SECTIONS 3, 4, 9 & 10, TWP. 42 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

LEGEND



SECTION CORNER



QUARTER SECTION CORNER

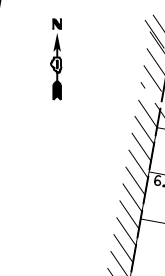


GRAPHIC SCALE
FEET
0 50
SCALE: 1" = 50'

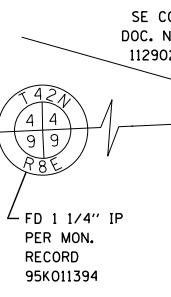
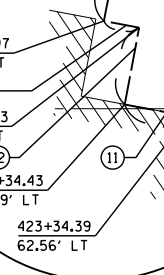
- 1 N59°28'27"E 31.06'
- 2 L=80.45' R=5936.00' CB=N11°57'42"E CH=80.45'
- 3 N56°36'59"E 14.15'
- 4 N79°32'22"W 10.23'
- 5 N09°42'36"E 3.62'
- 6 S80°17'03"E 6.92'
- 7 N59°28'27"E 28.99'
- 8 L=78.09' R=5931.00' CB=N11°57'06"E CH=78.09'
- 9 S79°54'20"E 4.33'
- 10 N10°05'40"E 120.71'
- 11 N79°24'40"W 13.40'
- 12 N10°35'04"E 16.29'
- 13 N79°24'56"W 7.46'
- 14 N35°34'47"W 26.06'
- 15 N12°44'28"E 12.19' (12.93')

NE COR
DOC. NO.
1129029

DETAIL "B"
SCALE: 1" = 20'



DETAIL "C"
SCALE: 1" = 20'



PROP. CURVE IL31-3
PI STA. = 424+17.15
Δ = 6° 14' 29" (LT)
D = 0° 57' 20"
R = 5,996.00'
T = 326.91'
L = 653.17'
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| PARCEL NUMBER | TOTAL HOLDING | AREA TAKEN | AREA PREVIOUSLY USED | REMAINING AREA | EASEMENT AREA | PIN |
|---------------|---------------|------------|----------------------|----------------|---------------|---|
| ILN0042 | 8.046 Ac± | 0.920 Ac ± | 0.377 Ac ± | 7.126 Ac ± | NA | 03-03-300-008 03-03-300-012 03-10-100-006 |
| ILN0043 | 2.995 Ac± | 2.995 Ac ± | 0.131 Ac ± | 0.000 Ac ± | NA | 03-10-100-002 |
| ILN0047 | | 0.632 Ac ± | 0.403 Ac ± | 5.768 Ac ± | NA | |
| ILN0047TE-A | 6.400 Ac± | NA | NA | NA | 0.045 Ac ± | 03-03-300-007 03-09-200-051 |
| ILN0047TE-B | | NA | NA | NA | 0.252 Ac ± | 03-04-476-012 |

SEE SHEET 4

REVISION DATE: 08/25/2015 REVISION MADE BY: RHL COMBINED ILN0042 & ILN0045

DOT USE ONLY

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
LONGMEADOW PARKWAY

LIMITS: AT IL RTE 31 COUNTY: KANE
SECTION: 94-00215-01-ES JOB NO.: R-91-020-02
STA. 420+00 TO STA. 428+00
SCALE: 1" = 50' SHEET 5 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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STATE OF ILLINOIS)
COUNTY OF KANE)

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DATED AT _____, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
LICENSE EXPIRATION DATE: NOV. 30, 2016

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FIELD WORK COMPLETED 01/08/2015.



CONTRACT 61E05

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS- STRUCTURAL ENGINEERS- LAND SURVEYORS
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com

184.000959
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
JOB: 13.0059.330

SHEET 271 OF 611

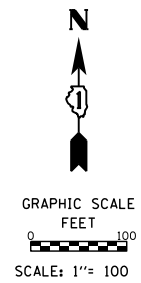
PART OF SECTIONS 3, 4, 9 & 10, TWP. 42 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

SEE SHEET 8

| | | | |
|---|---|---|--|
| <p>PROP. CURVE IL31-2 PI STA. = 413+23.90 $\Delta = 29^\circ 34' 56''$ (LT) D = 4° 58' 56" R = 1,150.00' T = 303.65' L = 593.75' E = 39.41' P.C. STA. = 410+20.25 P.T. STA. = 416+14.00</p> | <p>PROP. CURVE IL31-3 PI STA. = 424+17.15 $\Delta = 6^\circ 14' 29''$ (LT) D = 0° 57' 20" R = 5,996.00' T = 326.91' L = 653.17' E = 8.91' P.C. STA. = 420+90.24 P.T. STA. = 427+43.41</p> | <p>PROP. CURVE LMDW-2 PI STA. = 2178+99.43 $\Delta = 30^\circ 01' 17''$ (LT) D = 2° 00' 00" R = 2,864.79' T = 768.19' L = 1,501.07' E = 101.21' P.C. STA. = 2171+31.24 P.T. STA. = 2186+32.31</p> | <p>PROP. CURVE LMDW-3 PI STA. = 2197+46.75 $\Delta = 19^\circ 22' 25''$ (RT) D = 2° 30' 00" R = 2,291.83' T = 391.21' L = 774.95' E = 33.15' P.C. STA. = 2193+55.54 P.T. STA. = 2201+30.49</p> |
|---|---|---|--|

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET
- 'MAG' NAIL SET
- 5 / 8" REBAR SET



STATE OF ILLINOIS)
) SS
 COUNTY OF KANE)

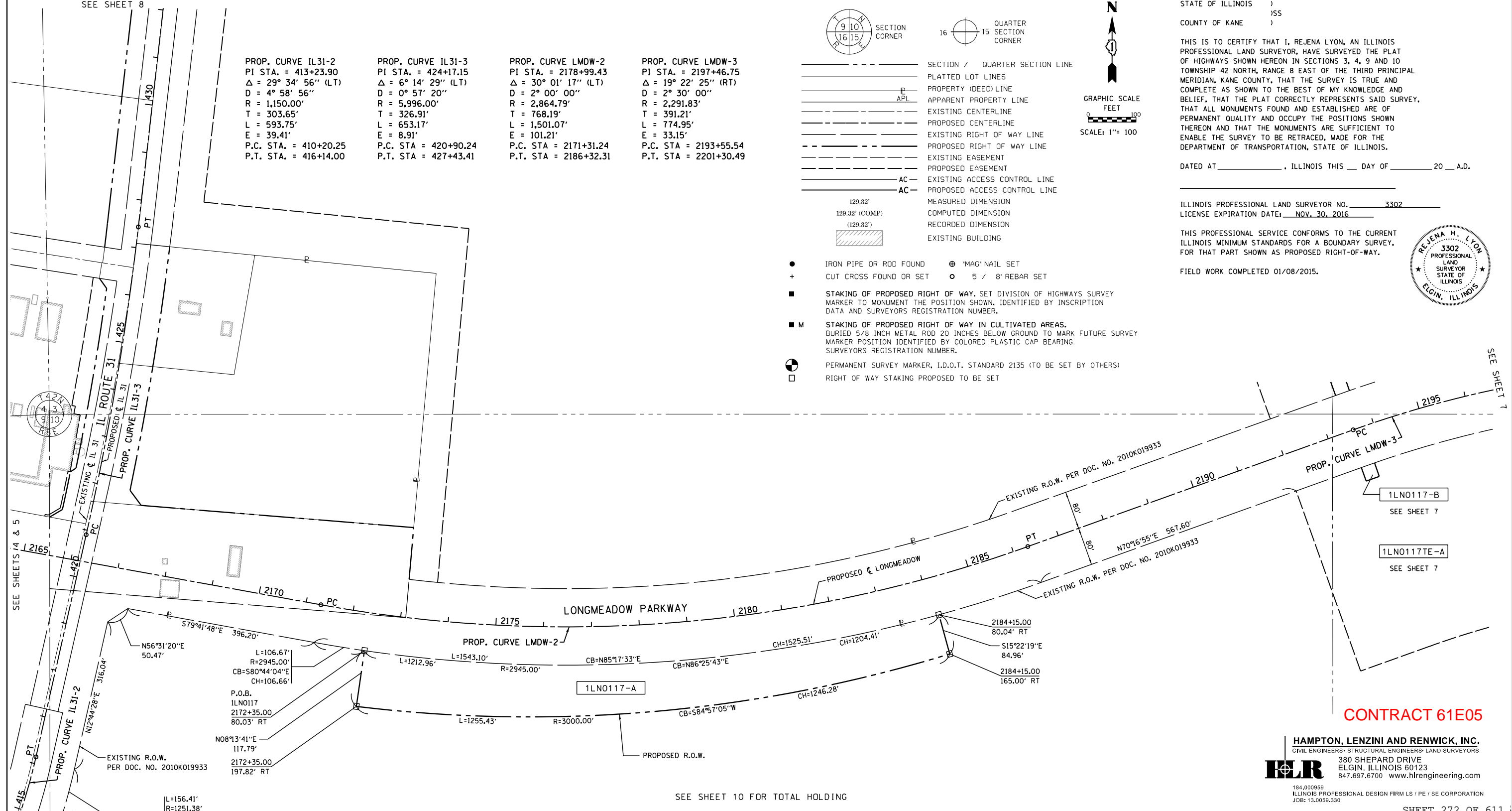
THIS IS TO CERTIFY THAT I, REJENA LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 3, 4, 9 AND 10 TOWNSHIP 42 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____ 3302
 LICENSE EXPIRATION DATE: NOV. 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, FOR THAT PART SHOWN AS PROPOSED RIGHT-OF-WAY.

FIELD WORK COMPLETED 01/08/2015.



SEE SHEET 10 FOR TOTAL HOLDING

* AREA TAKEN FROM AERIALS

| PARCEL NUMBER | TOTAL HOLDING | AREA TAKEN | AREA PREVIOUSLY USED | REMAINING AREA | EASEMENT AREA | PIN |
|---------------|---------------|------------|----------------------|----------------|---------------|--------------------------------|
| 1LN0117-A | *516.51 Ac± | 2.891 Ac± | NA | *513.60 Ac± | NA | 03-10-100-008 03-10-251-003 |
| 1LN0117-B | | 0.020 Ac± | NA | NA | NA | |
| 1LN0117TE-A | | NA | NA | NA | 4.185 Ac± | |
| 1LN0117TE-B | | NA | NA | NA | 0.246 Ac± | |

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 BEARINGS SHOWN HEREON REFERENCE AN ASSUMED BEARING OF N87°24'27"E ALONG THE NORTH LINE OF THE NE 1/4 OF SECTION 9-42-B.
 COORDINATES SHOWN ARE ON A LOCAL SYSTEM.

BUILDINGS SHOWN, INCLUDING DIMENSIONS AND TIES, ARE FROM SURVEY PREPARED BY ENGINEERING ENTERPRISES, INC.

CONTRACT 61E05

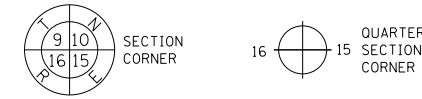
HAMPTON, LENZINI AND RENWICK, INC.
 CIVIL ENGINEERS • STRUCTURAL ENGINEERS • LAND SURVEYORS
 380 SHEPARD DRIVE
 ELGIN, ILLINOIS 60123
 847.697.6700 www.hlrengineering.com

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 LONGMEADOW PARKWAY

LIMITS: AT IL RTE 31 COUNTY: KANE
 SECTION: 94-00215-01-ES JOB NO.: R-91-020-02
 STA. 2172+00 TO STA. 2185+00
 SCALE: 1" = 100' SHEET 6 OF 10 SHEETS

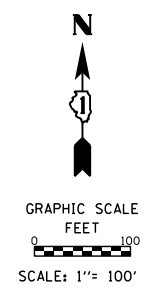
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

LEGEND



- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND
- ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



STATE OF ILLINOIS)
)SS
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 3, 4, 9 AND 10 TOWNSHIP 42 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

PROP. CURVE LMDW-2
 PI STA. = 2178+99.43
 Δ = 30° 01' 17" (LT)
 D = 2° 00' 00"
 R = 2,864.79'
 T = 768.19'
 L = 1,501.07'
 E = 101.21'
 P.C. STA. = 2171+31.24
 P.T. STA. = 2186+32.31

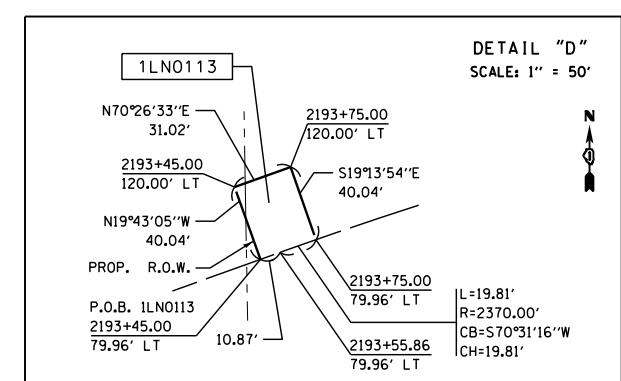
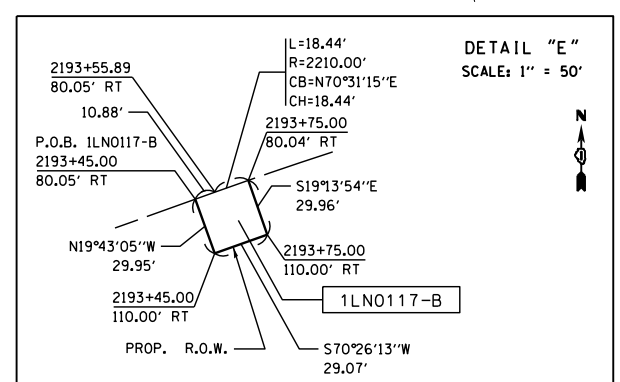
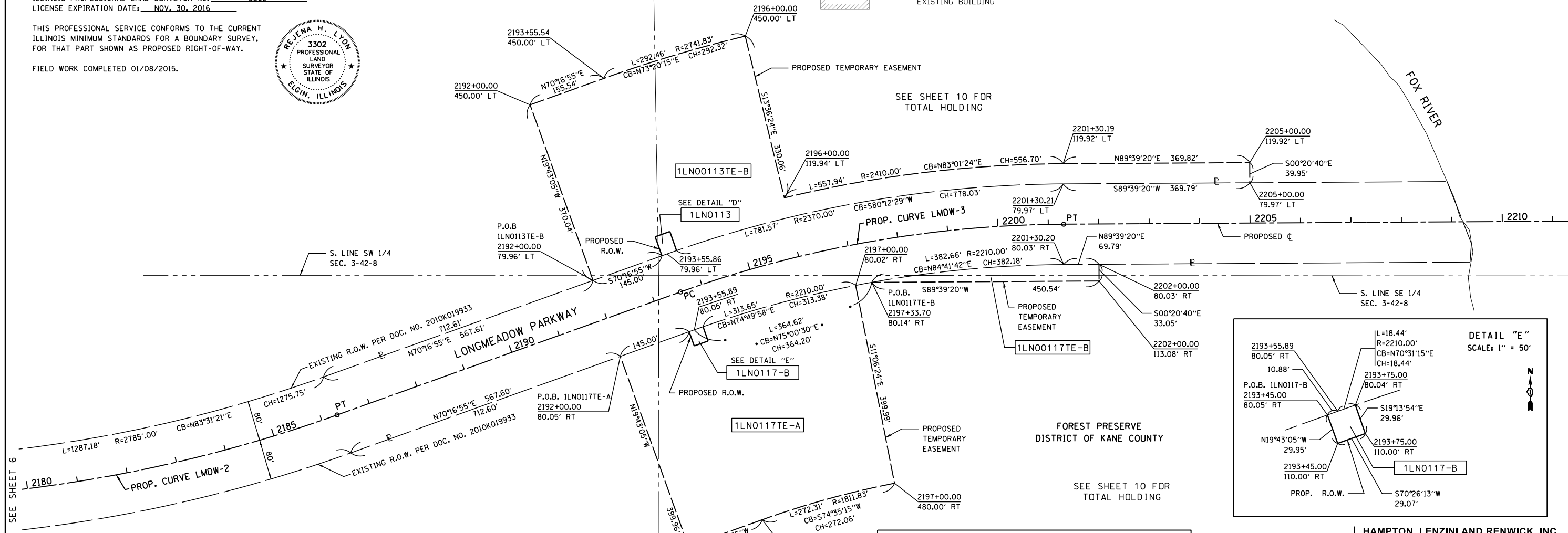
PROP. CURVE LMDW-3
 PI STA. = 2197+46.75
 Δ = 19° 22' 25" (RT)
 D = 2° 30' 00"
 R = 2,291.83'
 T = 391.21'
 L = 774.95'
 E = 33.15'
 P.C. STA. = 2193+55.54
 P.T. STA. = 2201+30.49

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
 LICENSE EXPIRATION DATE: NOV. 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, FOR THAT PART SHOWN AS PROPOSED RIGHT-OF-WAY.

FIELD WORK COMPLETED 01/08/2015.



* AREA TAKEN FROM AERIALS

| PARCEL NUMBER | TOTAL HOLDING | AREA TAKEN | AREA PREVIOUSLY USED | REMAINING AREA | EASEMENT AREA | PIN |
|---------------|---------------|------------|----------------------|----------------|---------------|---------------|
| 1LN0113 | | 0.028 Ac± | NA | 205.06 Ac± | NA | 03-03-152-026 |
| 1LN0113TE-A | *205.09 Ac± | NA | NA | NA | 27.283 Ac± | 03-03-300-017 |
| 1LN0113TE-B | | NA | NA | NA | 4.457 Ac± | 03-10-100-008 |
| 1LN0117-A | | 2.891 Ac± | NA | *513.60 Ac± | NA | 03-10-100-008 |
| 1LN0117-B | *516.51 Ac± | 0.020 Ac± | NA | NA | NA | 03-10-251-003 |
| 1LN0117TE-A | | NA | NA | NA | 4.185 Ac± | |
| 1LN0117TE-B | | NA | NA | NA | 0.246 Ac± | |

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 BEARINGS SHOWN HEREON REFERENCE AN ASSUMED BEARING OF N87°24'27"E ALONG THE NORTH LINE OF THE NE 1/4 OF SECTION 9-42-8.
 COORDINATES SHOWN ARE ON A LOCAL SYSTEM.
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HAMPTON, LENZINI AND RENWICK, INC.
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 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
 JOB: 13.0059.330

CONTRACT 61E05 SHEET 273 OF 611

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 LONGMEADOW PARKWAY

LIMITS: AT IL RTE 31 COUNTY: KANE
 SECTION: 94-00215-01-ES JOB NO.: R-91-020-02
 STA. 2185+00 TO STA. 2210+00
 SCALE: 1" = 100' SHEET 7 OF 10 SHEETS

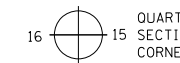
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196

PART OF SECTIONS 3, 4, 9 & 10, TWP. 42 N., R. 8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.
CRESCENT DR.

LEGEND



SECTION CORNER



QUARTER SECTION CORNER



GRAPHIC SCALE
FEET
0 100
SCALE: 1" = 100'

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

- IRON PIPE OR ROD FOUND ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET ○ 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

PROP. CURVE IL31-3
PI STA. = 424+17.15
Δ = 6° 14' 29" (LT)
D = 0° 57' 20"
R = 5,996.00'
T = 326.91'
L = 653.17'
E = 8.91'
P.C. STA = 420+90.24
P.T. STA = 427+43.41

STATE OF ILLINOIS)
)SS
COUNTY OF KANE)

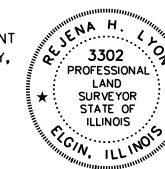
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DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3302
LICENSE EXPIRATION DATE: NOV. 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, FOR THAT PART SHOWN AS PROPOSED RIGHT-OF-WAY.

FIELD WORK COMPLETED 01/08/2015.



FOREST PRESERVE
DISTRICT OF KANE COUNTY
SEE SHEET 10 FOR
TOTAL HOLDING

① L=83.62'
R=5769.75'
CB=N06°51'24"E
CH=83.62'

② L=135.51' (136.10')
R=5699.75'
CB=S07°07'21"W
CH=135.51'

* AREA TAKEN FROM AERIALS

| PARCEL NUMBER | TOTAL HOLDING | AREA TAKEN | AREA PREVIOUSLY USED | REMAINING AREA | EASEMENT AREA | PIN |
|---------------|---------------|------------|----------------------|----------------|---------------|--|
| 1LN0041 | 14.210 Ac± | 1.817 Ac± | 0.863 Ac± | 12.393 Ac± | NA | 03-03-300-010 03-03-300-015 03-03-300-016 03-04-476-025 |
| 1LN0113 | | 0.028 Ac± | NA | *205.06 Ac± | NA | |
| 1LN0113TE-A | *205.09 Ac± | NA | NA | NA | 27.283 Ac± | 03-03-152-026 03-03-300-017 03-10-100-008 |
| 1LN0113TE-B | | NA | NA | NA | 4.457 Ac± | |

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PROP. CURVE LMDW-2
PI STA. = 2178+99.43
Δ = 30° 01' 17" (LT)
D = 2° 00' 00"
R = 2,864.79'
T = 768.19'
L = 1,501.07'
E = 101.21'
P.C. STA = 2171+31.24
P.T. STA = 2186+32.31

CONTRACT 61E05

HAMPTON, LENZINI AND RENWICK, INC.
CIVIL ENGINEERS- STRUCTURAL ENGINEERS- LAND SURVEYORS
HLR
380 SHEPARD DRIVE
ELGIN, ILLINOIS 60123
847.697.6700 www.hlrengineering.com

184.000959
ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
JOB: 13.0059.330

SHEET 274 OF 611

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
LONGMEADOW PARKWAY

LIMITS: AT IL RTE 31 COUNTY: KANE
SECTION: 94-00215-01-ES JOB NO.: R-91-020-02
STA. 419+00 TO STA. 439+00
SCALE: 1" = 100' SHEET 8 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAMBURG, ILLINOIS 60196

IDOT USE ONLY

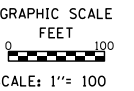
REVISION DATE: 10/14/2015 REVISION MADE BY: RHL ADDED 1LN0113 & 1LN0117-B

LEGEND

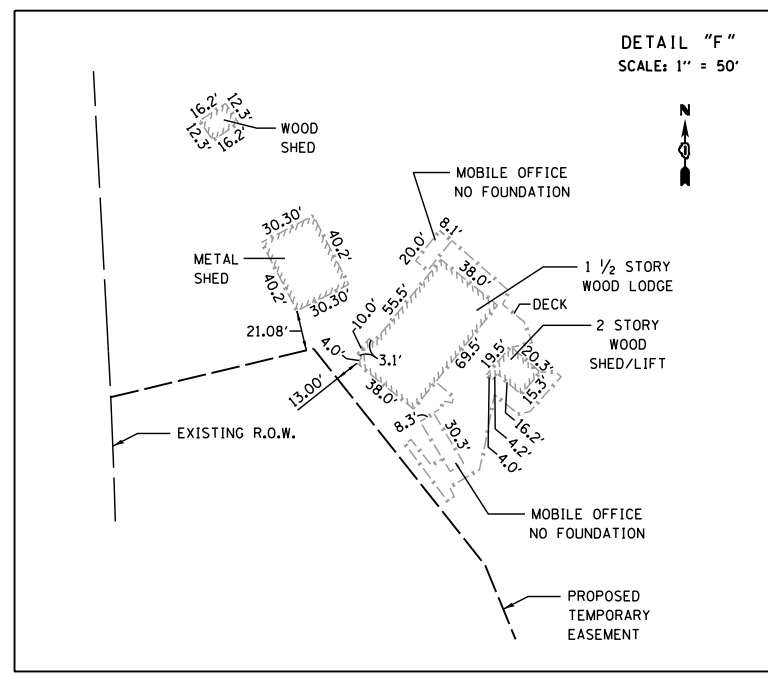
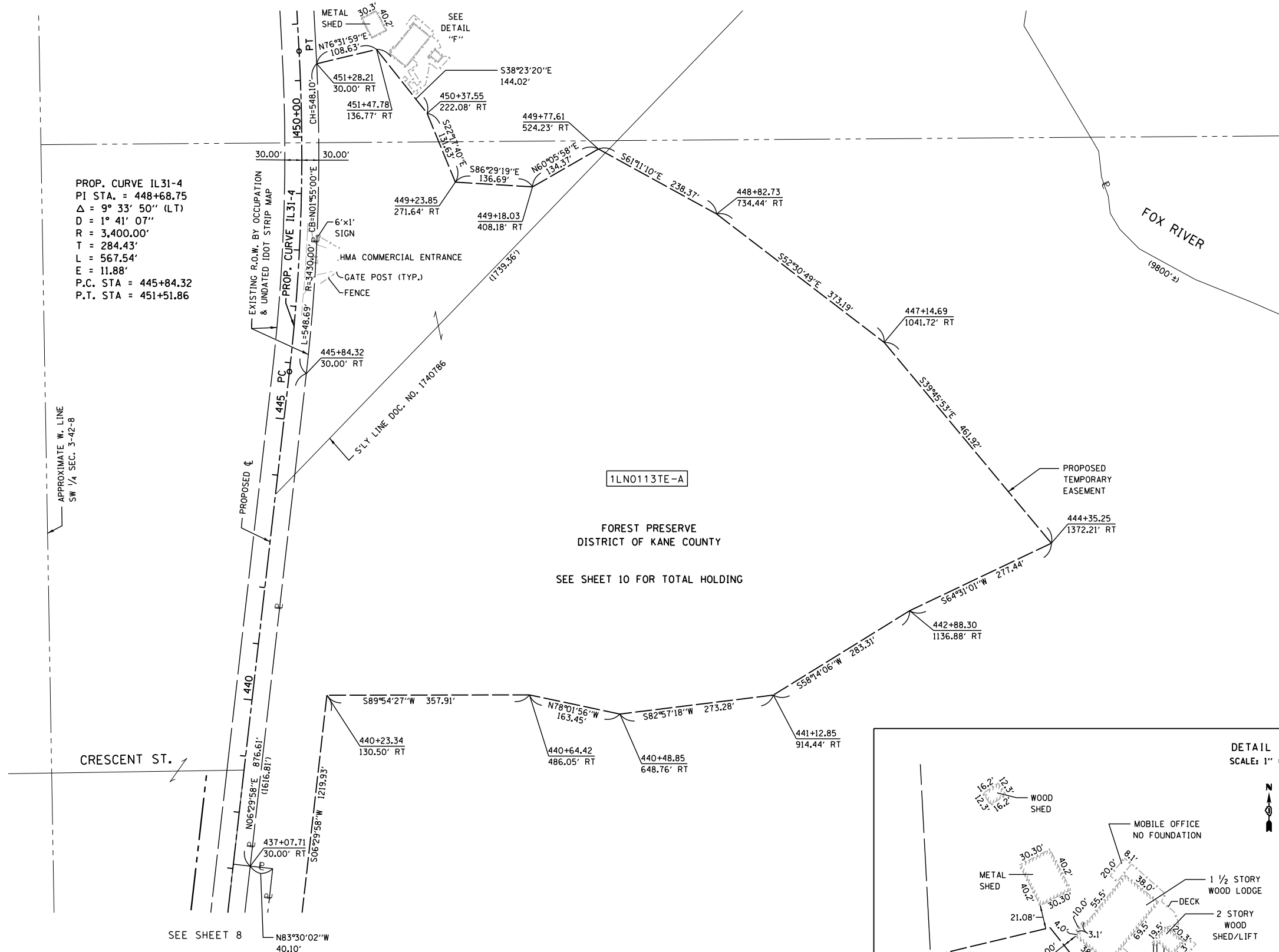
SECTION CORNER: 9, 10, 15, 16
 QUARTER SECTION CORNER: 16, 15
 SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

129.32'
 129.32' (COMP)
 129.32'

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET
- ⊕ *MAG' NAIL SET
- 5 / 8" REBAR SET



PROP. CURVE IL31-4
 PI STA. = 448+68.75
 $\Delta = 9^\circ 33' 50''$ (LT)
 $D = 1^\circ 41' 07''$
 $R = 3,400.00'$
 $T = 284.43'$
 $L = 567.54'$
 $E = 11.88'$
 P.C. STA = 445+84.32
 P.T. STA = 451+51.86



| PARCEL NUMBER | TOTAL HOLDING | AREA TAKEN | AREA PREVIOUSLY USED | REMAINING AREA | EASEMENT AREA | PIN |
|---------------|---------------|------------|----------------------|----------------|---------------|---------------|
| 1LN0113 | | 0.028 Ac± | NA | *205.06 Ac± | NA | 03-03-152-026 |
| 1LN0113TE-A | *205.09 Ac± | NA | NA | NA | 27.283 Ac± | 03-03-300-017 |
| 1LN0113TE-B | | NA | NA | NA | 4.457 Ac± | 03-10-100-008 |

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 COORDINATES SHOWN ARE ON A LOCAL SYSTEM.

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STATE OF ILLINOIS)
) SS
 COUNTY OF KANE)

THIS IS TO CERTIFY THAT I, REJENA LYON, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 3, 4, 9 AND 10 TOWNSHIP 42 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____, 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____ 3302
 LICENSE EXPIRATION DATE: NOV. 30, 2016

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY, FOR THAT PART SHOWN AS PROPOSED RIGHT-OF-WAY.

FIELD WORK COMPLETED 01/08/2015.



CONTRACT 61E05

HAMPTON, LENZINI AND RENWICK, INC.
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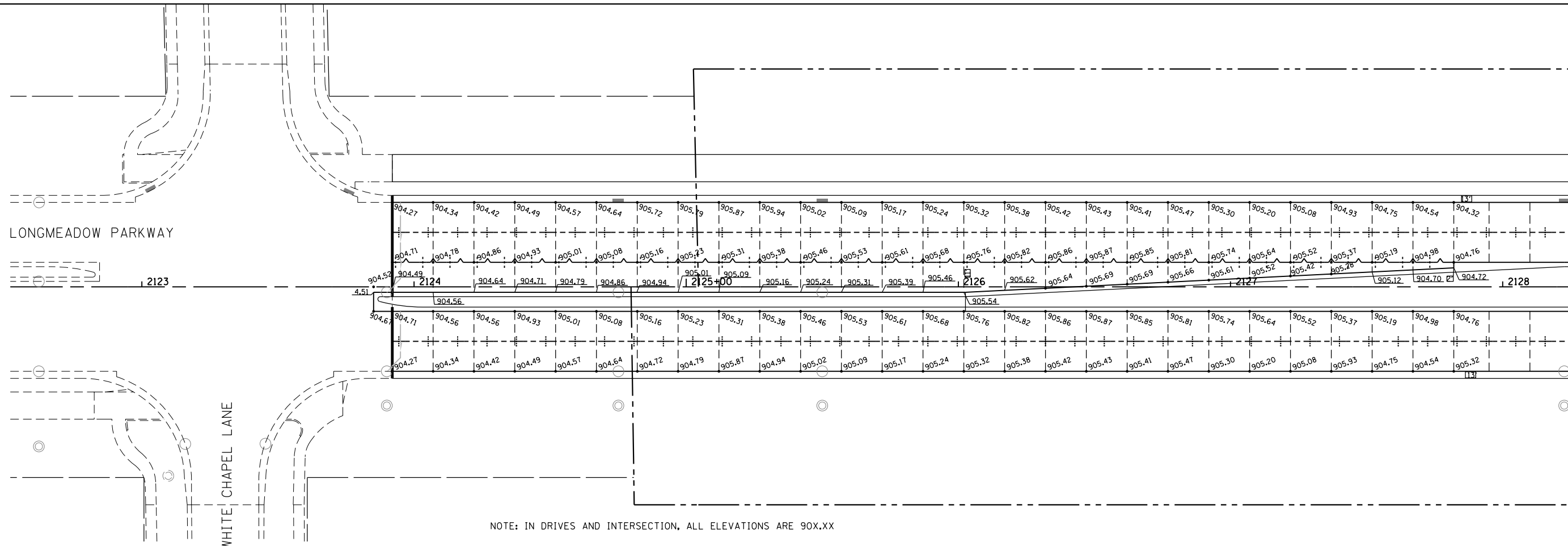
184.000959
 ILLINOIS PROFESSIONAL DESIGN FIRM LS / PE / SE CORPORATION
 JOB: 13.0059.330

SHEET 275 OF 611

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 LONGMEADOW PARKWAY

LIMITS: AT IL RTE 31 COUNTY: KANE
 SECTION: 94-00215-01-ES JOB NO.: R-91-020-02
 STA. 437+00 TO STA. 452+00
 SCALE: 1" = 100' SHEET 9 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAMBURG, ILLINOIS 60196



NOTE: IN DRIVES AND INTERSECTION, ALL ELEVATIONS ARE 90X.XX

LEGEND

NOTES:

1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER.
2. ALL TRANSVERSE JOINTS SHALL BE SPACED AT 15 FEET AND A MAXIMUM OF 18 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101 FOR ADDITIONAL INFORMATION.
3. PAVEMENT ROUNDOUTS FOR MANHOLES AND UTILITY CASTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
4. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
5. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001, 424006, 424011, OR 424021). REFER TO ADA RAMP GRADING PLANS SHEETS FOR DETAILS.
6. THE MINIMUM LENGTH OF ALL STUBS IS 2'.
7. ALL MAINLINE TRANSVERSE EXPANSION JOINTS SHALL EXTEND THRU THE ADJACENT CURB AND GUTTER. TRANSVERSE EXPANSION JOINTS SHALL BE PLACED AT 1000' SPACING OR AS DIRECTED BY THE ENGINEER. TRANSVERSE EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT COST FOR PCC PAVEMENT, 10" (JOINTED).

- CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT
No. 6 x 2' LONG DEFORMED TIE BARS
GROUTED-IN-PLACE (EPOXY COATED)
AT 2' C-C (STANDARD 420001-07)
(INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONSTRUCTION JOINT
1'-6" LONG DOWEL BARS (EPOXY COATED)
AT 1' C-C (STANDARD 420101-04)
- SAWED JOINT
 - LONGITUDINAL SAWED JOINT
No. 6 x 2'-6" LONG DEFORMED TIE BARS
(EPOXY COATED) AT 2'-6" C-C
(STANDARD 420001-07)
(INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONTRACTION JOINT
1'-6" LONG DOWEL BARS (EPOXY COATED)
- SAWED/CONSTRUCTION JOINT WITHOUT BARS
- PAVEMENT SEPARATION JOINT
(IDOT DISTRICT 1 STANDARD DETAIL BD-52)
(PAID FOR AS SLEEPER SLAB)
- LENGTH (FT) OF PAVEMENT PANEL
(BETWEEN JOINTS) IF DIFFERENT THAN 15.0'
- TRANSVERSE EXPANSION JOINT (SEE SCHEDULE FOR LOCATIONS)
(SEE HWY STANDARD 42001)

| TRANSVERSE EXPANSION JOINTS | | |
|-----------------------------|-----------------|--------------|
| STA | OS | STREET |
| 2123+92.02 | LT/RT | LMP |
| 2134+02.85 | LT/RT | LMP |
| 2135+22.35 | 42.00 RT | S. LUNDSTROM |
| 2144+01.78 | LT/RT | LMP |
| 2154+07.11 | LT/RT | LMP |
| 2165+31.88 TO 2167+18.21 | BRIDGE OMISSION | LMP |
| 2177+20.00 | LT/RT | LMP |
| 2187+25.00 | LT/RT | LMP |
| 1500+42.00 | LT/RT | CONNECTOR |
| 1505+37.00 | LT/RT | CONNECTOR |

FILE NAME = WA-894-010-KDOT-LMP-Section-B\CADD-SHEETS\Section-B2\20131894-SHT-JOINT04.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WHITE CHAPEL LANE
INTERSECTION GRADING PLAN

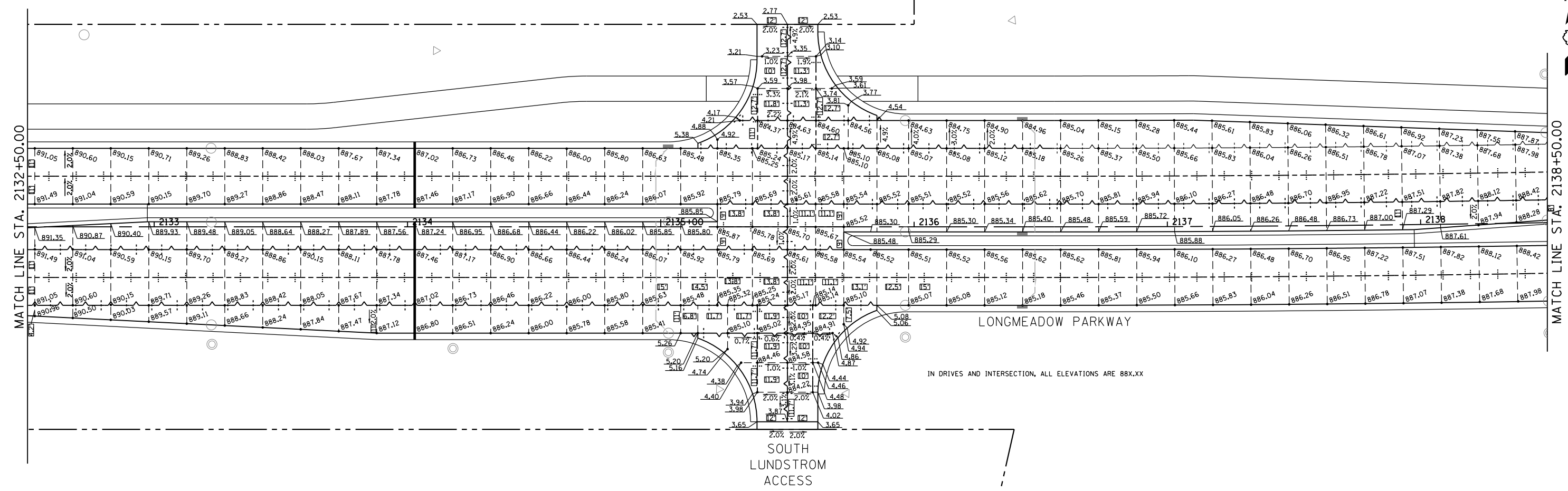
SCALE: 1"=20' SHEET 277 OF 611 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 277 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE STA. 2132+50.00

MATCH LINE STA. 2138+50.00



IN DRIVES AND INTERSECTION, ALL ELEVATIONS ARE 88X.XX

SOUTH LUNDSTROM ACCESS

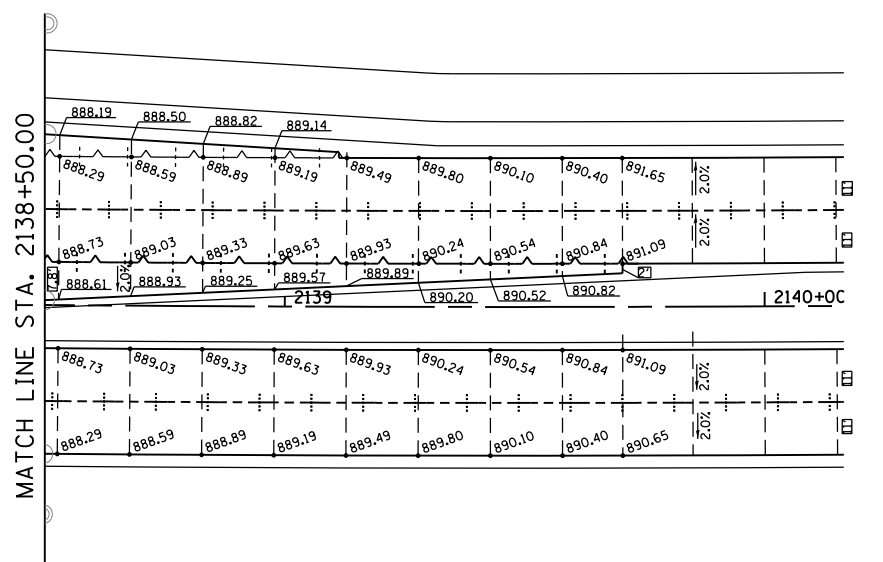
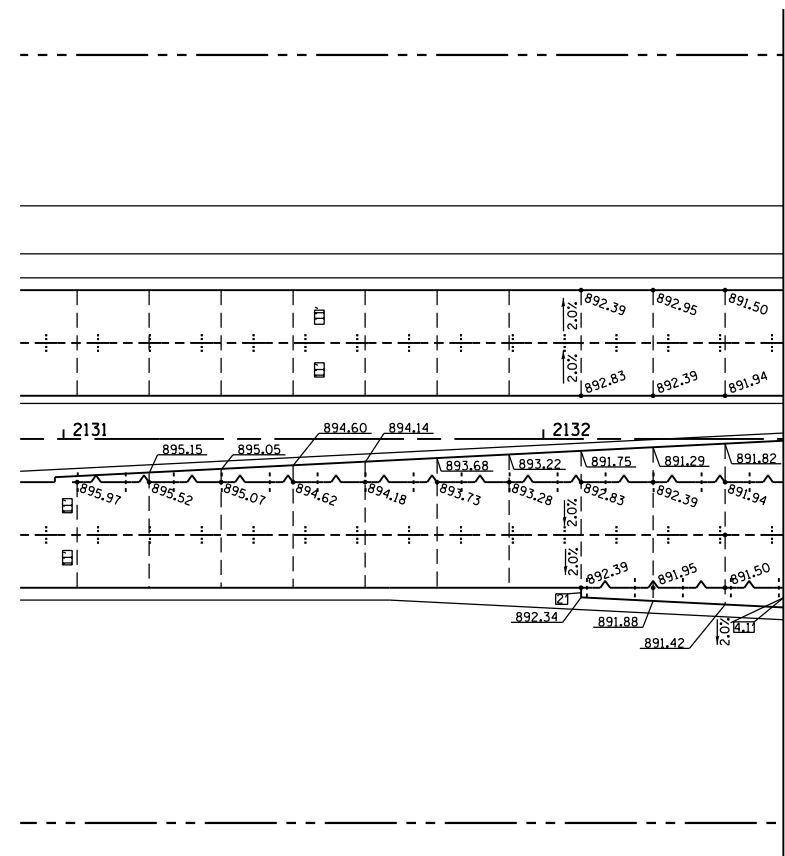
LONGMEADOW PARKWAY

LEGEND

NOTES:

1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER.
2. ALL TRANSVERSE JOINTS SHALL BE SPACED AT 15 FEET AND A MAXIMUM OF 18 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101 FOR ADDITIONAL INFORMATION.
3. PAVEMENT ROUNDOUTS FOR MANHOLES AND UTILITY CASTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
4. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
5. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001, 424006, 424011, OR 424021). REFER TO ADA RAMP GRADING PLANS SHEETS FOR DETAILS.
6. THE MINIMUM LENGTH OF ALL STUBS IS 2'.
7. ALL MAINLINE TRANSVERSE EXPANSION JOINTS SHALL EXTEND THRU THE ADJACENT CURB AND GUTTER. TRANSVERSE EXPANSION JOINTS SHALL BE PLACED AT 1000' SPACING OR AS DIRECTED BY THE ENGINEER. TRANSVERSE EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT COST FOR PCC PAVEMENT, 10" (JOINTED).

- CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT
No. 6 x 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONSTRUCTION JOINT
1'-6" LONG DWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-04)
- SAWED JOINT
 - LONGITUDINAL SAWED JOINT
No. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONTRACTION JOINT
1'-6" LONG DWEL BARS (EPOXY COATED)
- SAWED/CONSTRUCTION JOINT WITHOUT BARS
- LENGTH (FT) OF PAVEMENT PANEL (BETWEEN JOINTS) IF DIFFERENT THAN 15.0'
- TRANSVERSE EXPANSION JOINT (SEE SCHEDULE FOR LOCATIONS) (SEE HWY STANDARD 42001)



FILE NAME = WA894-010 KDOT LMP Section B\CADD SHEETS\Section B2\20131894_SHT_JOINT05.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

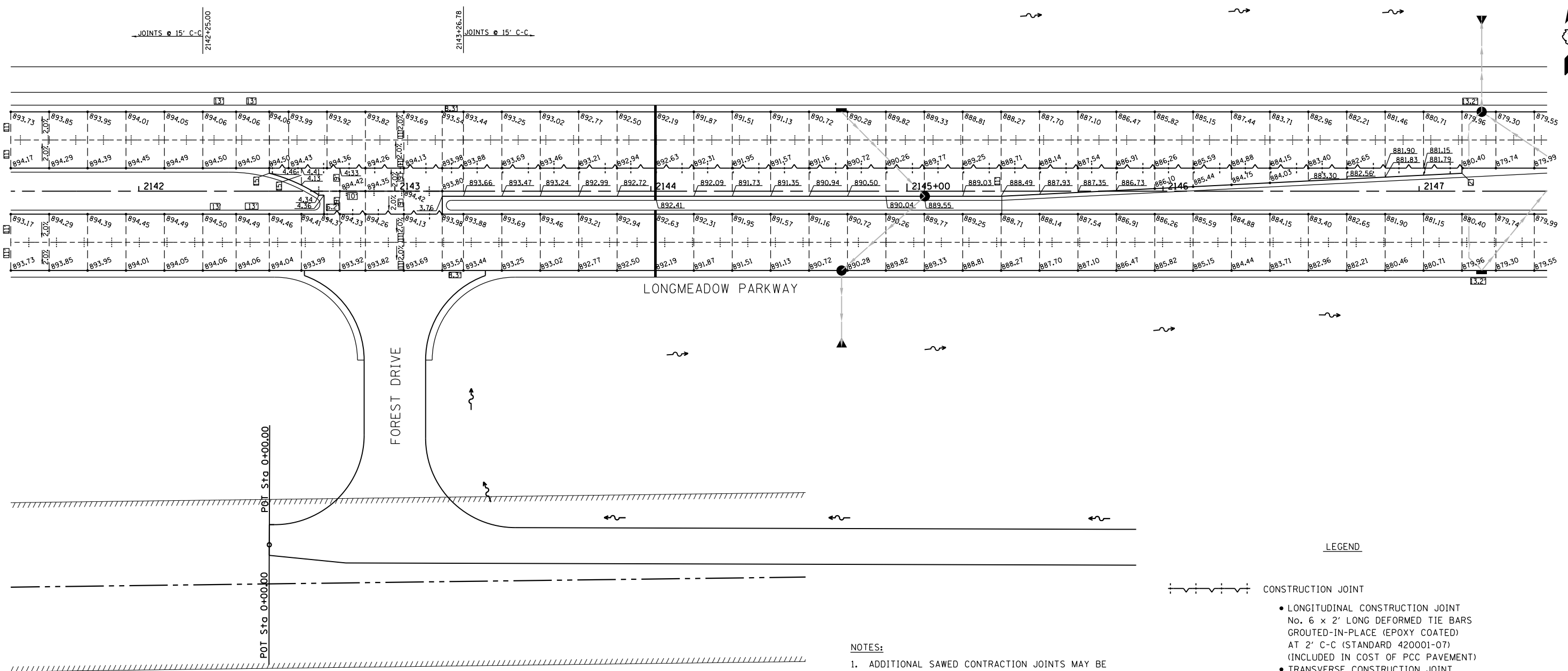
| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


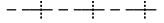
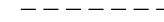



SOUTH LUNDSTROM ACCESS
INTERSECTION GRADING PLAN

SCALE: 1"=20' SHEET 278 OF 611 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 278 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

-  CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT
No. 6 x 2' LONG DEFORMED TIE BARS
GROUTED-IN-PLACE (EPOXY COATED)
AT 2' C-C (STANDARD 420001-07)
(INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONSTRUCTION JOINT
1'-6" LONG DOWEL BARS (EPOXY COATED)
AT 1' C-C (STANDARD 420101-04)
-  SAWED JOINT
 - LONGITUDINAL SAWED JOINT
No. 6 X 2'-6" LONG DEFORMED TIE BARS
(EPOXY COATED) AT 2'-6" C-C
(STANDARD 420001-07)
(INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONTRACTION JOINT
1'-6" LONG DOWEL BARS (EPOXY COATED)
-  SAWED/CONSTRUCTION JOINT WITHOUT BARS
-  PAVEMENT SEPARATION JOINT
(IDOT DISTRICT 1 STANDARD DETAIL BD-52)
(PAID FOR AS SLEEPER SLAB)
-  LENGTH (FT) OF PAVEMENT PANEL
(BETWEEN JOINTS) IF DIFFERENT THAN 15.0'
-  TRANSVERSE EXPANSION JOINT (SEE SCHEDULE FOR LOCATIONS)
(SEE HWY STANDARD 42001)

NOTES:

1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER.
2. ALL TRANSVERSE JOINTS SHALL BE SPACED AT 15 FEET AND A MAXIMUM OF 18 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101 FOR ADDITIONAL INFORMATION.
3. PAVEMENT ROUNDOUTS FOR MANHOLES AND UTILITY CASTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
4. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
5. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001, 424006, 424011, OR 424021). REFER TO ADA RAMP GRADING PLANS SHEETS FOR DETAILS.
6. THE MINIMUM LENGTH OF ALL STUBS IS 2'.
7. ALL MAINLINE TRANSVERSE EXPANSION JOINTS SHALL EXTEND THRU THE ADJACENT CURB AND GUTTER. TRANSVERSE EXPANSION JOINTS SHALL BE PLACED AT 1000' SPACING OR AS DIRECTED BY THE ENGINEER. TRANSVERSE EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT COST FOR PCC PAVEMENT, 10" (JOINTED).

FILE NAME = \\A\B94-010_KDOT_LMP_Section_B\CAD_SHEETS\Section_B2\2013\B94_SHT_JOINT06.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

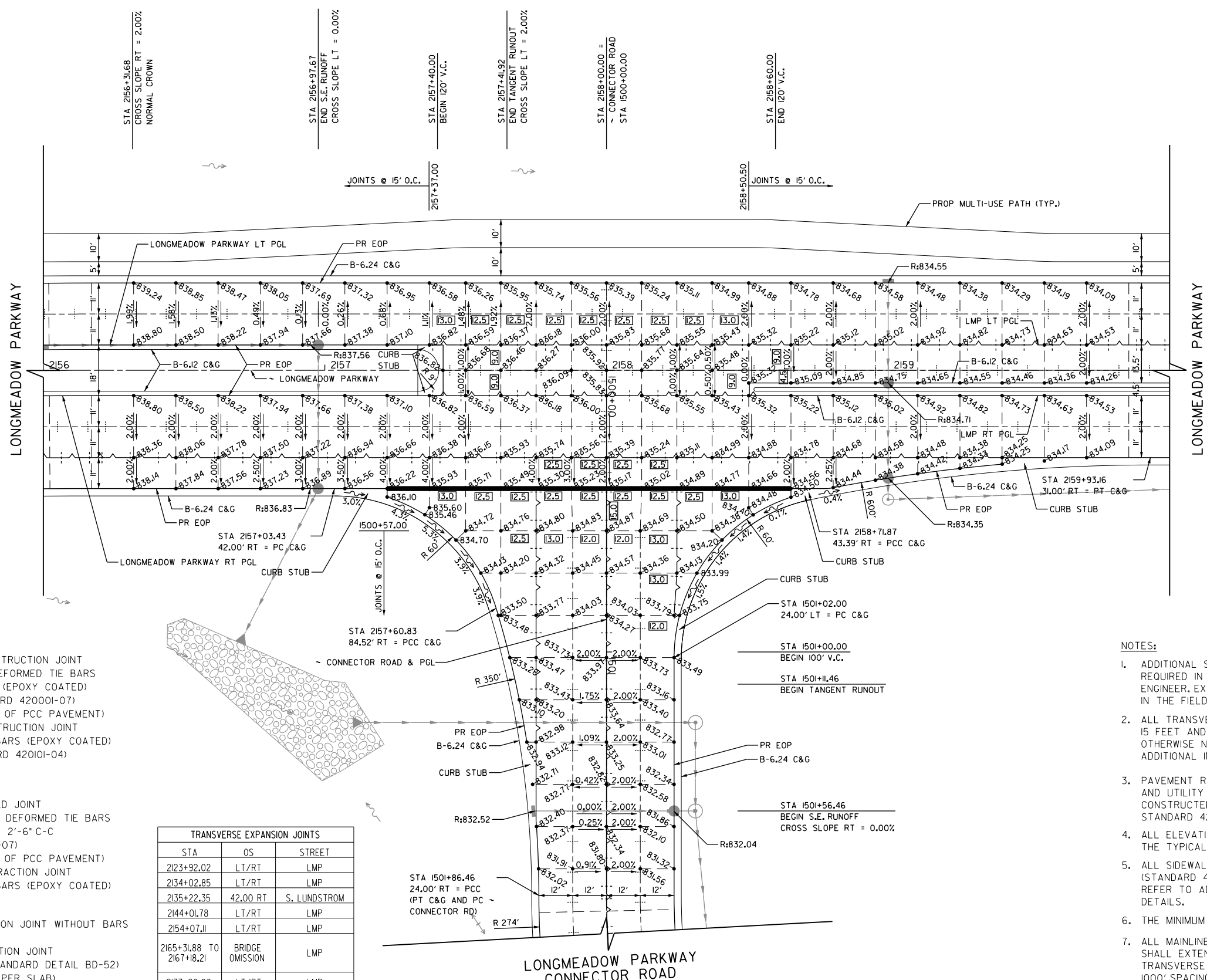
| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FOREST DRIVE
INTERSECTION GRADING PLAN**

SCALE: 1"=20' SHEET 279 OF 611 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 279 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



LEGEND

- CONSTRUCTION JOINT
 - LONGITUDINAL CONSTRUCTION JOINT
No. 6 x 2' LONG DEFORMED TIE BARS GROUTED-IN-PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07) (INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONSTRUCTION JOINT
1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-04)
- SAWED JOINT
 - LONGITUDINAL SAWED JOINT
No. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07) (INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONTRACTION JOINT
1'-6" LONG DOWEL BARS (EPOXY COATED)
- SAWED/CONSTRUCTION JOINT WITHOUT BARS
- PAVEMENT SEPARATION JOINT (IDOT DISTRICT 1 STANDARD DETAIL BD-52) (PAID FOR AS SLEEPER SLAB)
- LENGTH (FT) OF PAVEMENT PANEL (BETWEEN JOINTS) IF DIFFERENT THAN 15.0'

| TRANSVERSE EXPANSION JOINTS | | | |
|-----------------------------|-----------------|--------------|--|
| STA | OS | STREET | |
| 2123+92.02 | LT/RT | LMP | |
| 2134+02.85 | LT/RT | LMP | |
| 2135+22.35 | 42.00 RT | S. LUNDSTROM | |
| 2144+01.78 | LT/RT | LMP | |
| 2154+07.11 | LT/RT | LMP | |
| 2165+31.88 TO 2167+18.21 | BRIDGE OMISSION | LMP | |
| 2177+20.00 | LT/RT | LMP | |
| 2187+25.00 | LT/RT | LMP | |
| 1500+42.00 | LT/RT | CONNECTOR | |
| 1505+37.00 | LT/RT | CONNECTOR | |

TRANSVERSE EXPANSION JOINT (SEE SCHEDULE FOR LOCATIONS) (SEE HWY STANDARD 42001)

- NOTES:**
1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER.
 2. ALL TRANSVERSE JOINTS SHALL BE SPACED AT 15 FEET AND A MAXIMUM OF 18 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101 FOR ADDITIONAL INFORMATION.
 3. PAVEMENT ROUNDOUTS FOR MANHOLES AND UTILITY CASTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
 4. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
 5. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001, 424006, 424011, OR 424021). REFER TO ADA RAMP GRADING PLANS SHEETS FOR DETAILS.
 6. THE MINIMUM LENGTH OF ALL STUBS IS 2'.
 7. ALL MAINLINE TRANSVERSE EXPANSION JOINTS SHALL EXTEND THRU THE ADJACENT CURB AND GUTTER. TRANSVERSE EXPANSION JOINTS SHALL BE PLACED AT 1000' SPACING OR AS DIRECTED BY THE ENGINEER. TRANSVERSE EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT COST FOR PCC PAVEMENT, 10' (JOINTED).

FILE NAME = G:\CH13\0109\Road\Sheets - B2_Contract\20131894-SHT-1PP-01.dgn



| | | |
|-----------------------------|-----------------|-----------|
| USER NAME = mbmcharter | DESIGNED - BSH | REVISED - |
| DRAWN - MLB | REVISOR - | |
| PLOT SCALE = 40.0000' / in. | CHECKED - MFD | REVISED - |
| PLOT DATE = 9/25/2017 | DATE - 8/7/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW INTERSECTION GRADING PLAN
AT CONNECTOR ROAD**

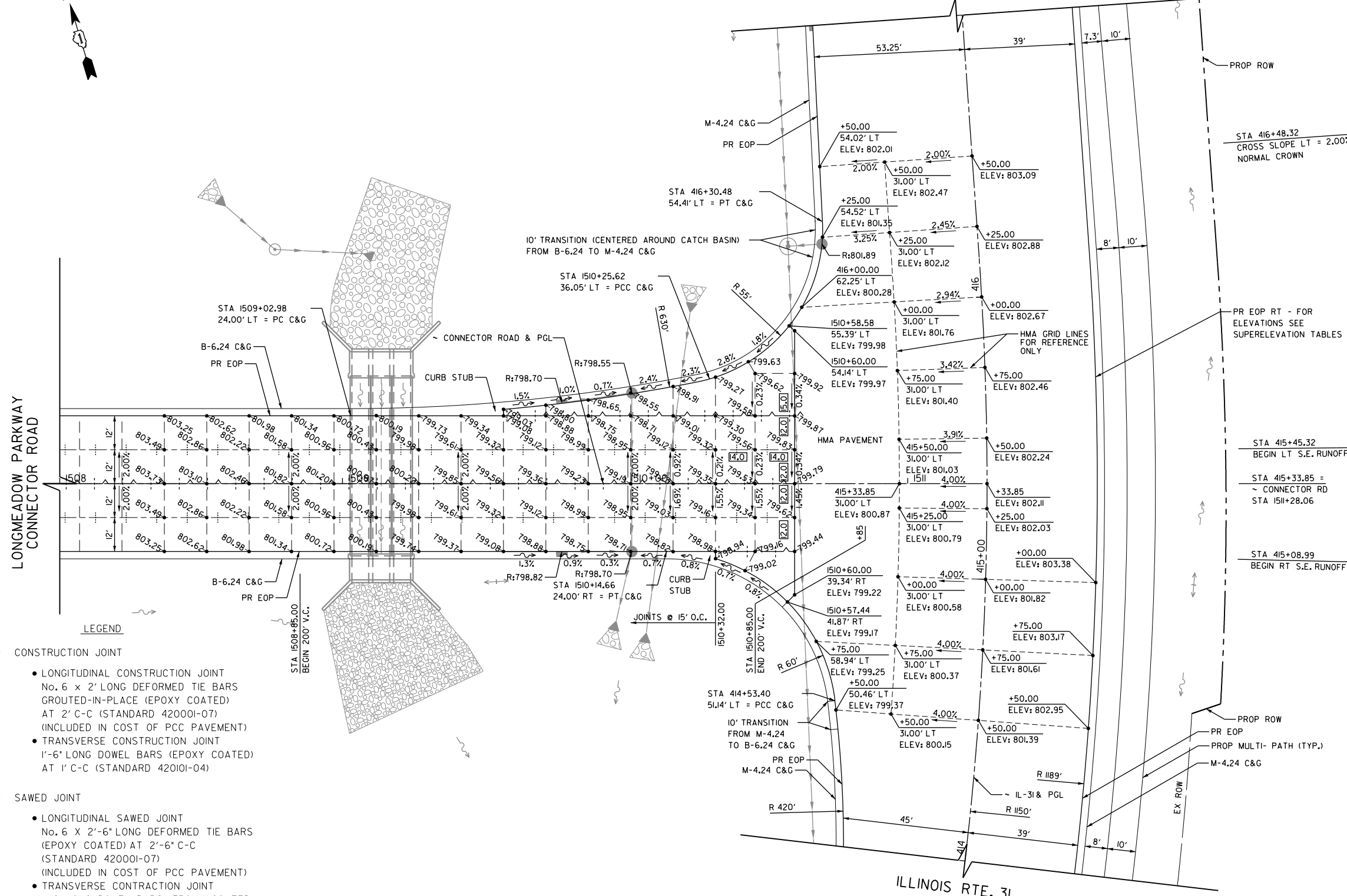
SCALE: 1" = 20' SHEET 280 OF 611 SHEETS

| | | | | |
|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-II-PV | KANE | 611 | 280 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E05 | |



LONGMEADOW PARKWAY
CONNECTOR ROAD

ILLINOIS RTE. 31



LEGEND

- CONSTRUCTION JOINT

 - LONGITUDINAL CONSTRUCTION JOINT
No. 6 x 2' LONG DEFORMED TIE BARS
GROUTED-IN-PLACE (EPOXY COATED)
AT 2' C-C (STANDARD 420001-07)
(INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONSTRUCTION JOINT
1'-6" LONG DOWEL BARS (EPOXY COATED)
AT 1' C-C (STANDARD 420101-04)
- SAWED JOINT

 - LONGITUDINAL SAWED JOINT
No. 6 x 2'-6" LONG DEFORMED TIE BARS
(EPOXY COATED) AT 2'-6" C-C
(STANDARD 420001-07)
(INCLUDED IN COST OF PCC PAVEMENT)
 - TRANSVERSE CONTRACTION JOINT
1'-6" LONG DOWEL BARS (EPOXY COATED)
- SAWED/CONSTRUCTION JOINT WITHOUT BARS
- PAVEMENT SEPARATION JOINT
(DOT DISTRICT STANDARD DETAIL BD-52)
(PAID FOR AS SLEEPER SLAB)
- LENGTH (FT) OF PAVEMENT PANEL
(BETWEEN JOINTS) IF DIFFERENT THAN 15.0'
- TRANSVERSE EXPANSION JOINT (SEE SCHEDULE FOR LOCATIONS)
(SEE HWY STANDARD 42001)

NOTES:

1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER.
2. ALL TRANSVERSE JOINTS SHALL BE SPACED AT 15 FEET AND A MAXIMUM OF 18 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101 FOR ADDITIONAL INFORMATION.
3. PAVEMENT ROUNDOUTS FOR MANHOLES AND UTILITY CASTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
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6. THE MINIMUM LENGTH OF ALL STUBS IS 2'.
7. ALL MAINLINE TRANSVERSE EXPANSION JOINTS SHALL EXTEND THRU THE ADJACENT CURB AND GUTTER. TRANSVERSE EXPANSION JOINTS SHALL BE PLACED AT 1000' SPACING OR AS DIRECTED BY THE ENGINEER. TRANSVERSE EXPANSION JOINTS SHALL BE INCLUDED IN THE UNIT COST FOR PCC PAVEMENT, 10' (JOINTED).

FILE NAME = G:\CH13\0109\Road\Sheets - B2_Contract\20131894-SHT-IPP-02.dgn



| | | |
|-----------------------------|-----------------|-----------|
| USER NAME = mbcwhorter | DESIGNED - BSH | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MLB | REVISED - |
| PLOT DATE = 9/25/2017 | CHECKED - MFD | REVISED - |
| | DATE - 8/7/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 31 INTERSECTION GRADING PLAN
AT CONNECTOR ROAD**

SCALE: 1" = 20' SHEET 281 OF 611 SHEETS

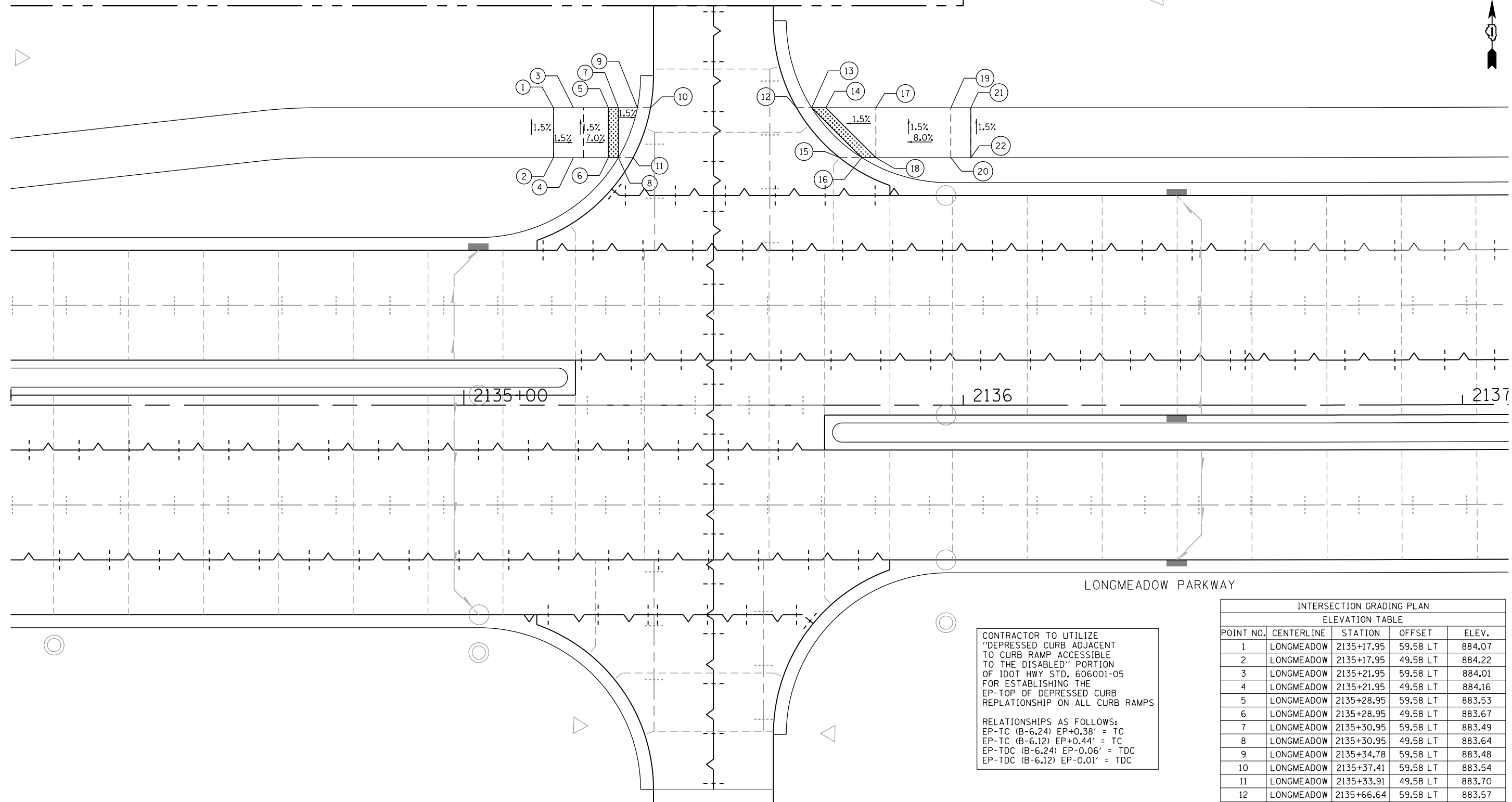
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|---|----------------|--------|--------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-II-PV | KANE | 611 | 281 |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 61E05 | |



NORTH
LUNDSTROM
ACCESS

SOUTH
LUNDSTROM
ACCESS

LONGMEADOW PARKWAY



CONTRACTOR TO UTILIZE
"DEPRESSED CURB ADJACENT
TO CURB RAMP ACCESSIBLE
TO THE DISABLED" PORTION
OF IDOT HWY STD. 606001-05
FOR ESTABLISHING THE
EP-TOP OF DEPRESSED CURB
REPLATIONSHIP ON ALL CURB RAMPS

RELATIONSHIPS AS FOLLOWS:
EP-TC (B-6.24) EP+0.38' = TC
EP-TC (B-6.12) EP+0.44' = TC
EP-TDC (B-6.24) EP-0.06' = TDC
EP-TDC (B-6.12) EP-0.01' = TDC

| INTERSECTION GRADING PLAN | | | | |
|---------------------------|------------|------------|----------|--------|
| ELEVATION TABLE | | | | |
| POINT NO. | CENTERLINE | STATION | OFFSET | ELEV. |
| 1 | LONGMEADOW | 2135+17.95 | 59.58 LT | 884.07 |
| 2 | LONGMEADOW | 2135+17.95 | 49.58 LT | 884.22 |
| 3 | LONGMEADOW | 2135+21.95 | 59.58 LT | 884.01 |
| 4 | LONGMEADOW | 2135+21.95 | 49.58 LT | 884.16 |
| 5 | LONGMEADOW | 2135+28.95 | 59.58 LT | 883.53 |
| 6 | LONGMEADOW | 2135+28.95 | 49.58 LT | 883.67 |
| 7 | LONGMEADOW | 2135+30.95 | 59.58 LT | 883.49 |
| 8 | LONGMEADOW | 2135+30.95 | 49.58 LT | 883.64 |
| 9 | LONGMEADOW | 2135+34.78 | 59.58 LT | 883.48 |
| 10 | LONGMEADOW | 2135+37.41 | 59.58 LT | 883.54 |
| 11 | LONGMEADOW | 2135+33.91 | 49.58 LT | 883.70 |
| 12 | LONGMEADOW | 2135+66.64 | 59.58 LT | 883.57 |
| 13 | LONGMEADOW | 2135+69.66 | 59.58 LT | 883.51 |
| 14 | LONGMEADOW | 2135+72.49 | 59.58 LT | 883.54 |
| 15 | LONGMEADOW | 2135+75.24 | 49.58 LT | 883.77 |
| 16 | LONGMEADOW | 2135+79.70 | 49.58 LT | 883.71 |
| 17 | LONGMEADOW | 2135+82.54 | 59.58 LT | 883.59 |
| 18 | LONGMEADOW | 2135+82.54 | 49.58 LT | 883.74 |
| 19 | LONGMEADOW | 2135+97.54 | 59.58 LT | 884.79 |
| 20 | LONGMEADOW | 2135+97.54 | 49.58 LT | 884.94 |
| 21 | LONGMEADOW | 2136+01.54 | 59.58 LT | 884.80 |
| 22 | LONGMEADOW | 2136+01.54 | 49.58 LT | 884.95 |

FILE NAME = MA894-010_KDOT_LWP_Section_B\CADD_SHEETS\Section_B2\20131894_SHT_40A00.dgn



| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 20.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY AT NORTH LUNDSTROM ACCESS
ADA RAMP GRADING PLAN

SCALE: 1"=10' SHEET 282 OF 611 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 282 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



BEGIN IMPROVEMENTS
LONGMEADOW PARKWAY
STA. 2123+92.02

PR. R.O.W.

MATCH LINE STA. 2131+00.00

WHITE CHAPEL LN

2125+00

PR. R.O.W.

PR. R.O.W.

WATER QUALITY
NWL = 874.00
HWL = 875.00
DETENTION
NWL = 875.00
HWL = 879.00

PR. R.O.W.

PR. R.O.W.

MATCH LINE STA. 2131+00.00

PR. R.O.W.

2138+00

LONGMEADOW PARKWAY
2140+00

2145+00

PROP. LONGMEADOW PARKWAY

PR. R.O.W.

EX. EASEMENT

FOREST DRIVE

PR. R.O.W.

EX. EASEMENT

PR. R.O.W.

MATCH LINE STA. 2146+00.00

FILE NAME = \\A:\94-010\KDOT\LMP\Section B\CADD SHEETS\Section B2\20131894_SHT_GRADING_03.dgn

B Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

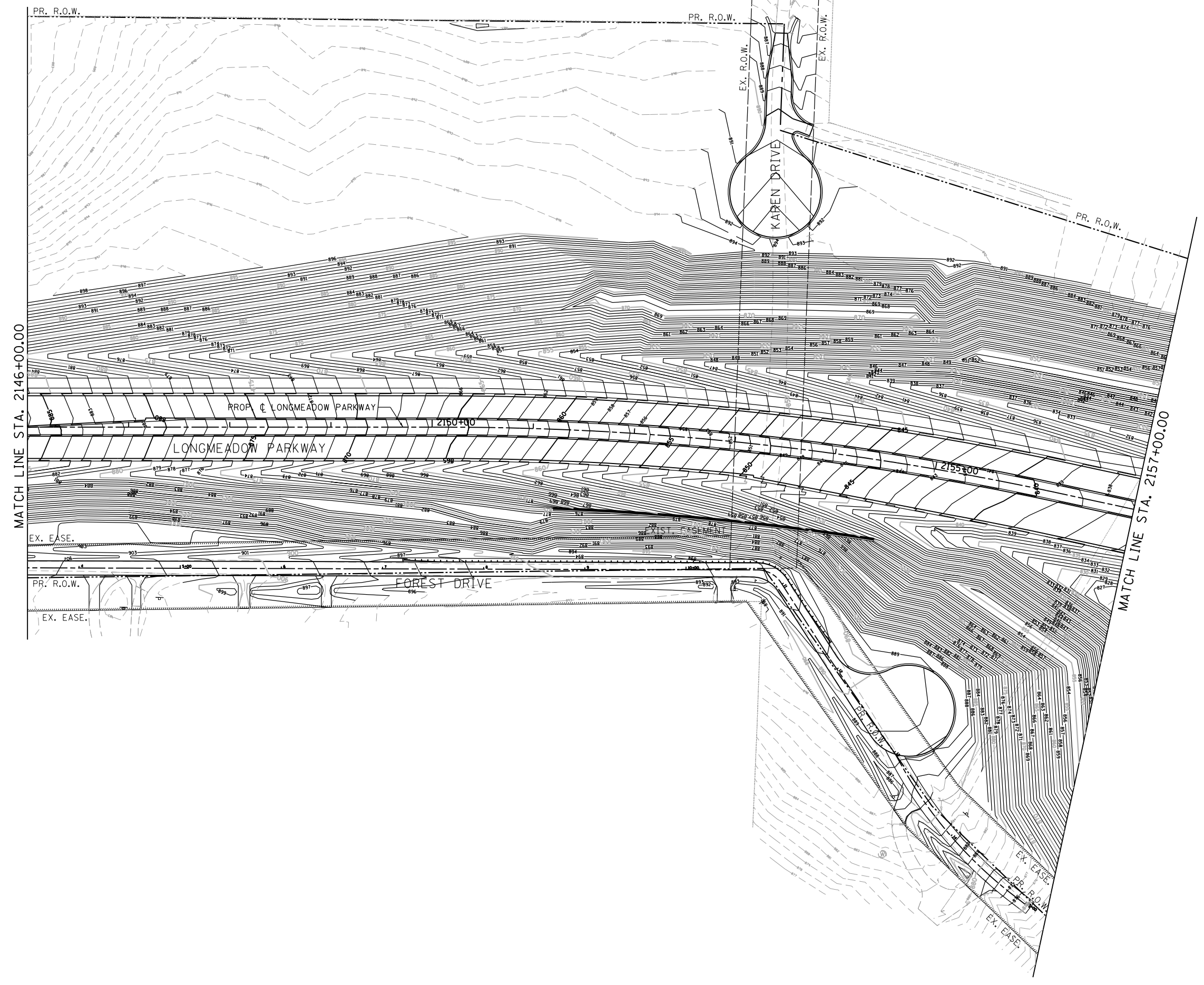
| | | |
|------------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
GRADING PLAN

SCALE: 1"=50' SHEET 283 OF 611 SHEETS STA. 2131+00.00 TO STA. 2146+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 283 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = WA994-010 KDOT LMP Section B\CADD SHEETS\Section B2\20131894_SHT_GRADING_04.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|------------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

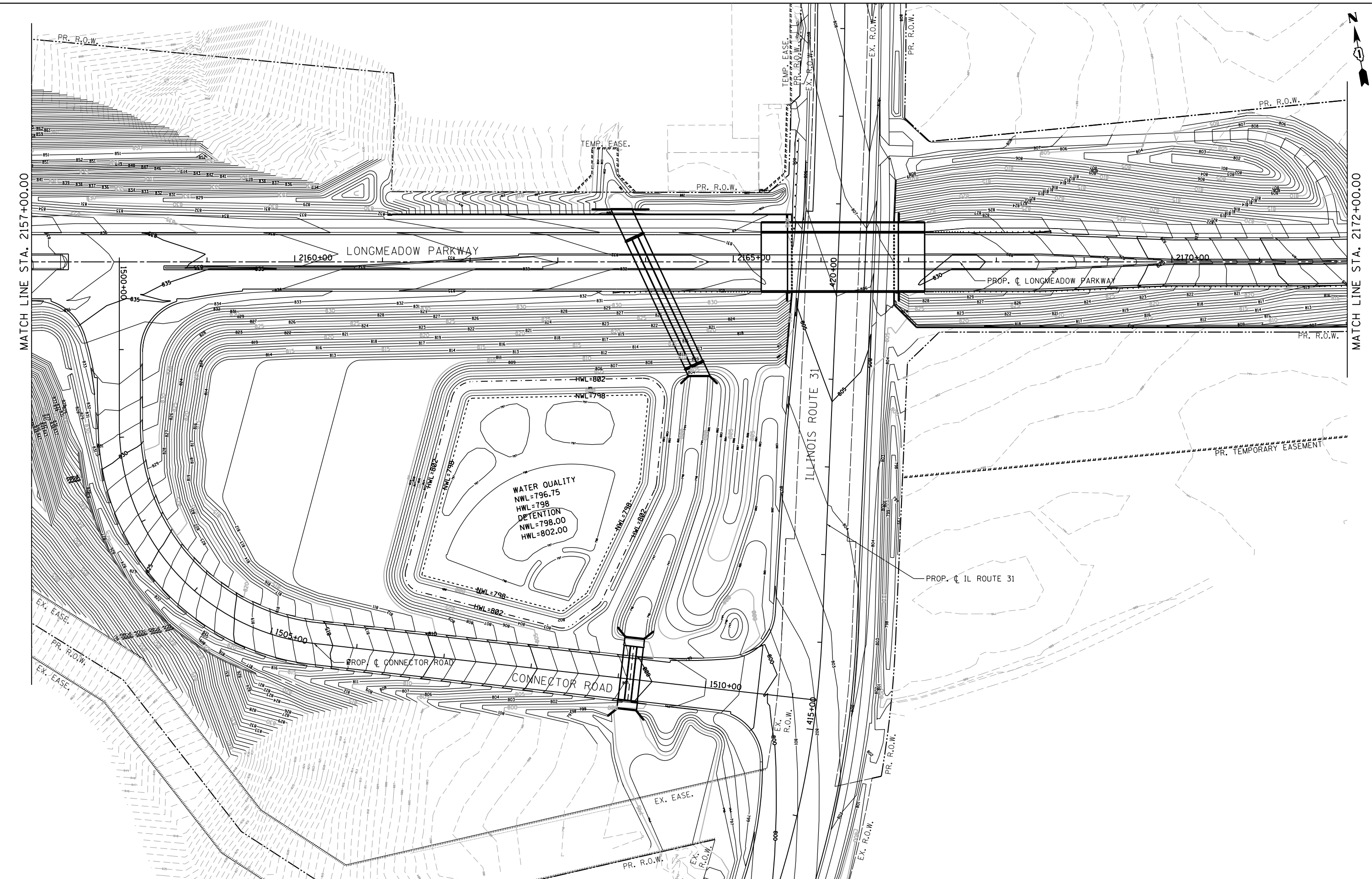
**LONGMEADOW PARKWAY
GRADING PLAN**

SCALE: 1"=50' SHEET 284 OF 611 SHEETS STA. 2146+00.00 TO STA. 2157+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 284 |
| CONTRACT NO. 61E05 | | | | |

ILLINOIS FED. AID PROJECT

FILE NAME = \\A:\94-010\KDOT\LMP\Section B\CADD\ SHEETS\Section B2\20131894_SHT_GRADING_05.dgn



MATCH LINE STA. 2157+00.00

MATCH LINE STA. 2172+00.00

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

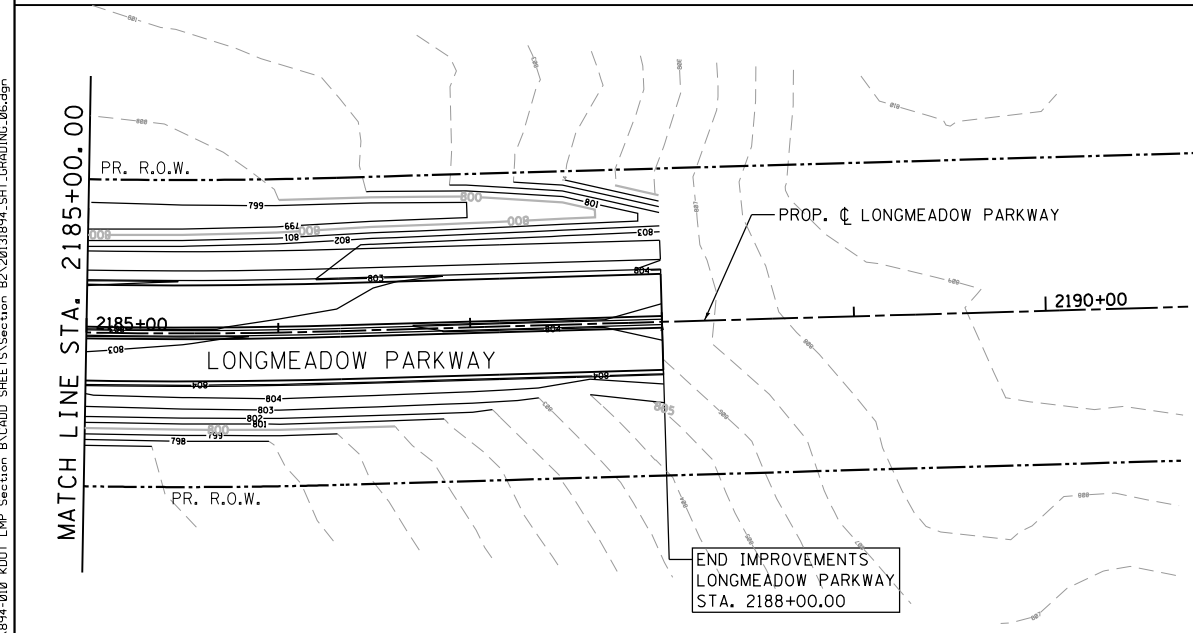
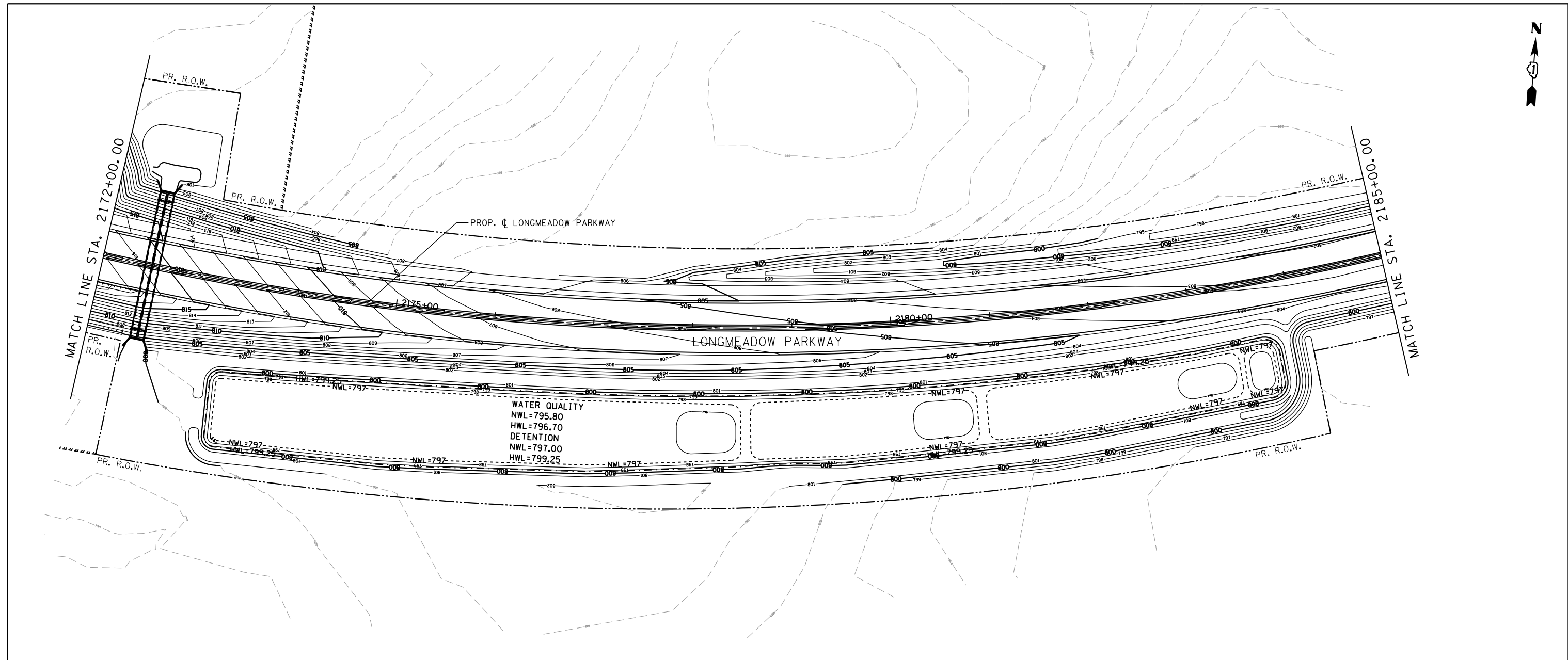
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| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
 GRADING PLAN**

SCALE: 1"=50' SHEET 285 OF 611 SHEETS STA. 2157+00.00 TO STA. 2172+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 285 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = \\A:\94-010\KDOT\LMP\Section B\CADD SHEETS\Section B2\20131894_SHT_GRADING_06.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

USER NAME = gellwanger
PLOT SCALE = 100.0000' / in.
PLOT DATE = 8/4/2017

DESIGNED - GJE
DRAWN - GJE
CHECKED - DBB
DATE - 08/07/2017

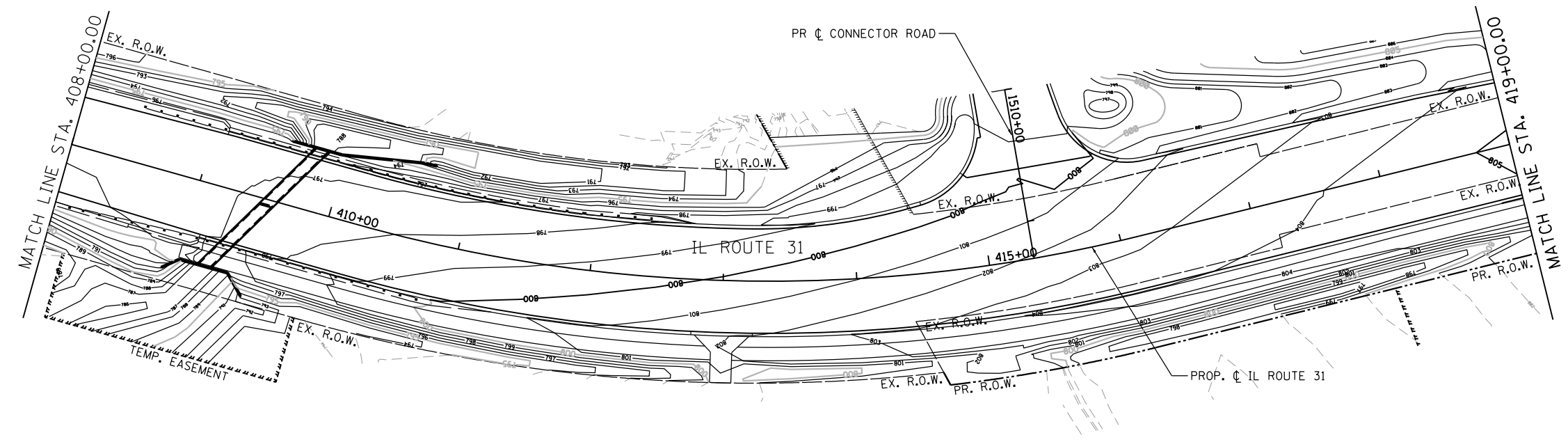
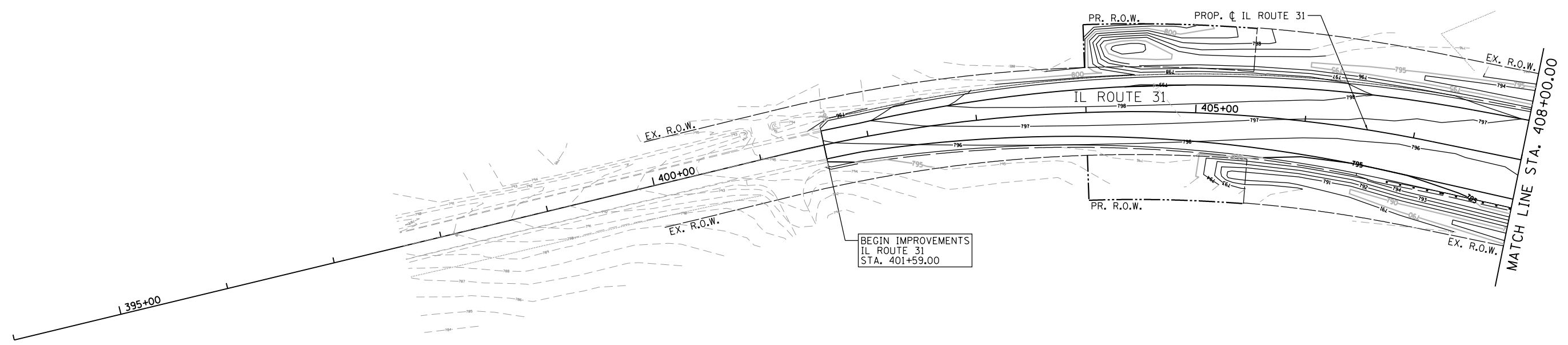
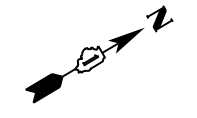
REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
GRADING PLAN**

SCALE: 1"=50' SHEET 286 OF 611 SHEETS STA. 2172+00.00 TO STA. 2188+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 286 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = \\A\B94-010\KDDT_LMP_Section B\CADD_SHEETS\Section B2\20131894_SHT_GRADING_07.dgn



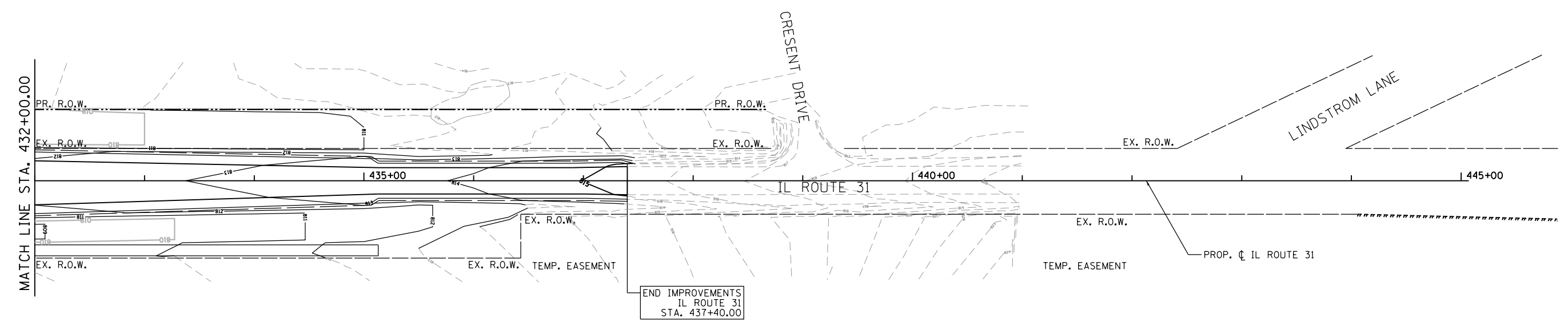
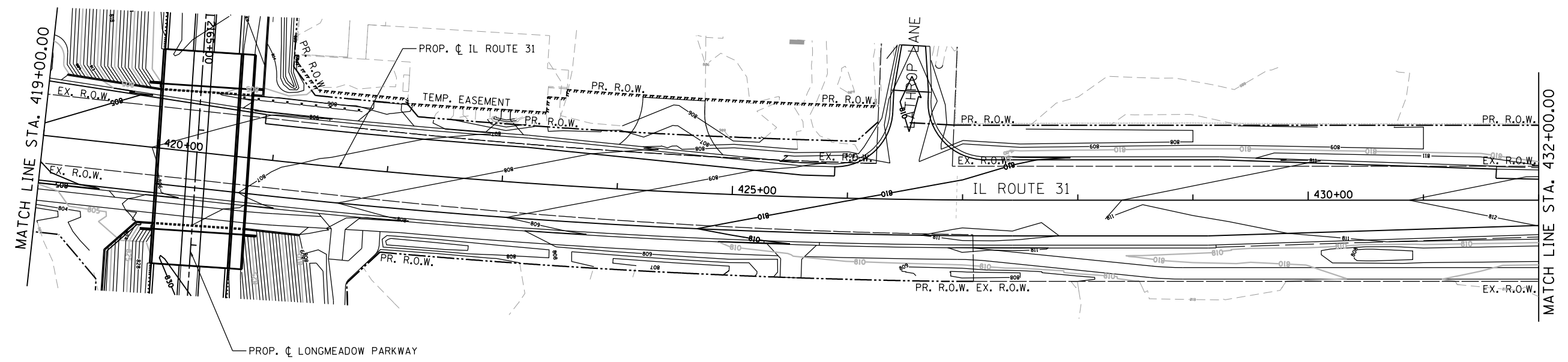
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| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| DRAWN - GJE | REVISED - | |
| PLOT SCALE = 100.0000' / 1" = | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 31
GRADING PLAN**

SCALE: 1"=80' SHEET 287 OF 611 SHEETS STA. 401+59.00 TO STA. 409+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 287 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = \\A\94-010\KDOT\LMP\Section B\CADD\ SHEETS\Section B2\20131894_SHT_GRADING_08.dgn



| | | |
|------------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

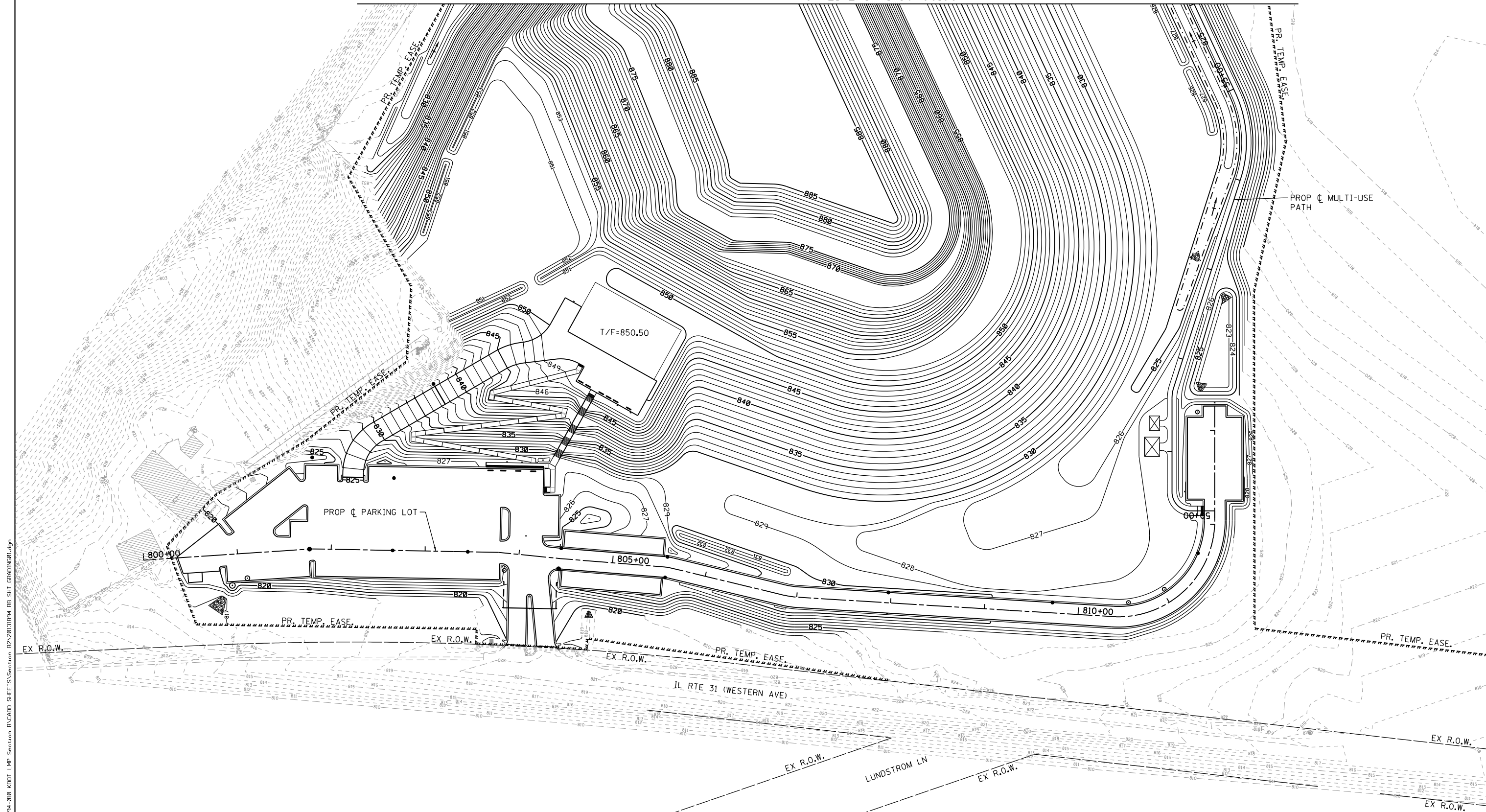
**IL ROUTE 31
GRADING PLAN**

SCALE: 1"=50' SHEET 288 OF 611 SHEETS STA. 409+00.00 TO STA. 437+40.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 288 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE STA. 56+00.00



FILE NAME = \\A\94-010\KDOT\LMP\Section B\CADD SHEETS\Section B2\20131894_RB_SHT_GRADING01.dgn



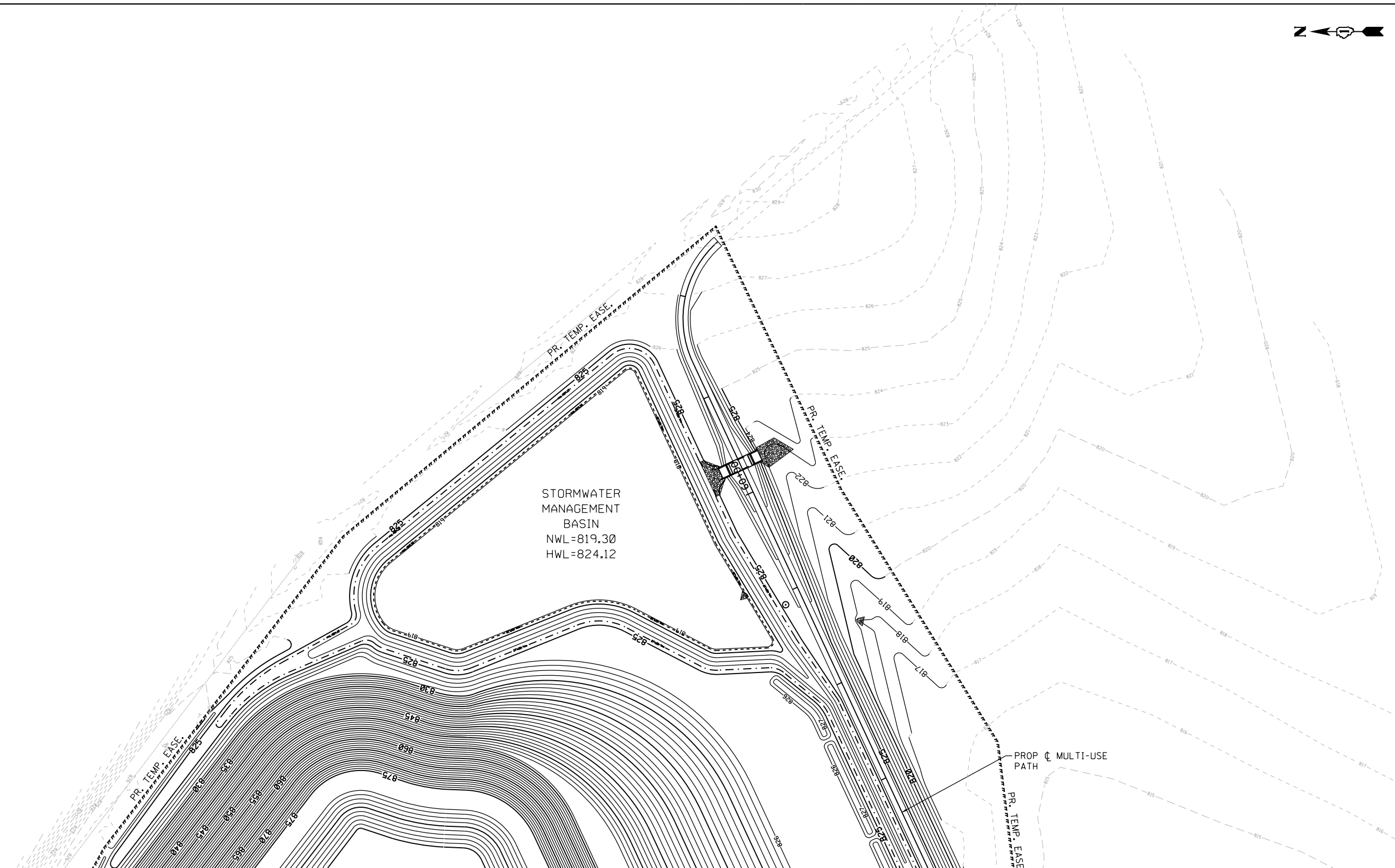
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|------------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 8/4/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAGING BUFFALO
GRADING PLAN

SCALE: 1"=50' SHEET 289 OF 611 SHEETS STA. TO STA.

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 289 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE STA. 56+00.00

FILE NAME = \\A:\94-010\KDOT\LMP\Section B\CADD SHEETS\Section B2\20131894_RB_SHT_GRA01NC02.dgn



| | | |
|------------------------------|-------------------|-----------|
| USER NAME = gellwanger | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 8/4/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAGING BUFFALO
GRADING PLAN**

SCALE: 1"=50' SHEET 290 OF 611 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 290 |
| CONTRACT NO. 61E05 | | | | |

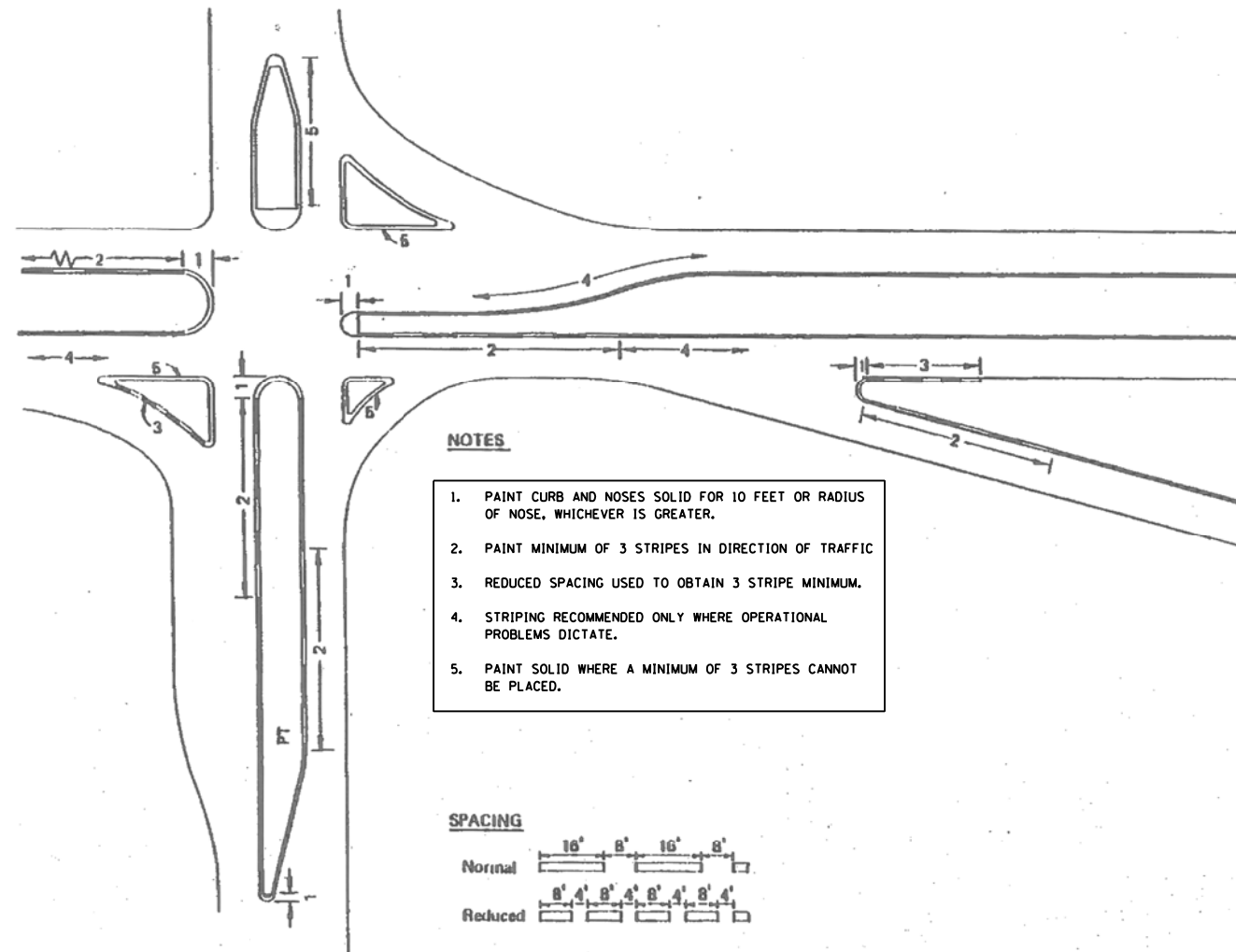
ILLINOIS FED. AID PROJECT

PAVEMENT MARKING NOTES

1. PAVEMENT MARKING SHALL BE IN CONFORMANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, STANDARD DETAIL 780001, DISTRICT ONE STANDARDS, THE PLAN DETAILS AND THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
2. ALL FINAL PAVEMENT MARKING MATERIALS TO BE USED ON CONCRETE PAVEMENT SHALL BE MODIFIED URETHANE AS SPECIFIED IN THE PROJECT SPECIAL PROVISIONS.
3. ALL FINAL PAVEMENT MARKING SYMBOLS SHALL BE OF LARGE SIZE.
4. ALL 4" EDGE LINES SHALL TERMINATE WHEN THEY MEET BARRIER CURBING EXCEPT WHERE OTHERWISE INDICATED IN THE PLANS.
5. STOP BARS SHALL BE PLACED 4' BEHIND CROSSWALK LINES AS SHOWN.
6. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES SUCH THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

SIGNING NOTES

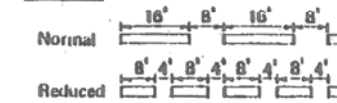
1. ALL SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. SIGN FACES SHALL BE OF TYPE A REFLECTIVE SHEETING.
2. SIGN LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. PROPOSED SIGNS SHALL BE OF THE SIZE AND TYPE SPECIFIED. ALL SIGNS ON LONGMEADOW PARKWAY SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORT(S) CONFORMING TO THE STANDARD SIGN PANEL ERECTION DETAILS. ALL SIGNS ON IL RTE 31 AND THE CONNECTOR ROAD SHALL BE METAL OR WOOD POST(S) CONFORMING TO THE STANDARD SIGN PANEL ERECTION DETAILS.
4. ALL SIGNS ERECTED IN PAVED MEDIANS SHALL HAVE A SLEEVE PLACED IN THE SURFACE AS SHOWN IN THE SIGN PANEL ERECTION STANDARD FOR TELESCOPING STEEL POST ASSEMBLY, PAVEMENT MOUNTING DETAIL.
5. EXISTING SIGNS SHALL BE RELOCATED PER THE ENGINEER'S DIRECTION, AT NO ADDITIONAL COST TO THE CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND STORING THE SIGNS AND POSTS AND REINSTALLING THEM IN GOOD CONDITION. PROPOSED SIGNS SHOWN ARE THOSE REQUIRED IN ADDITION TO THE EXISTING SIGNS OR SIGNS PROVIDED BY IDOT.
6. ALL REMOVED EXISTING SIGNS SHALL BE DELIVERED TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT).
7. STREET SIGNS ATTACHED TO LIGHT POLES TO BE RELOCATED ON NEW FOUNDATION SHALL BE RELOCATED WITH THE LIGHT POLE. THIS WORK SHALL BE INCLUDED IN THE COST FOR LIGHT POLE TO BE RELOCATED ON NEW FOUNDATION.



NOTES

1. PAINT CURB AND NOSES SOLID FOR 10 FEET OR RADIUS OF NOSE, WHICHEVER IS GREATER.
2. PAINT MINIMUM OF 3 STRIPES IN DIRECTION OF TRAFFIC
3. REDUCED SPACING USED TO OBTAIN 3 STRIPE MINIMUM.
4. STRIPING RECOMMENDED ONLY WHERE OPERATIONAL PROBLEMS DICTATE.
5. PAINT SOLID WHERE A MINIMUM OF 3 STRIPES CANNOT BE PLACED.

SPACING



CURB MARKING

KDOT - CURB MARKING DETAIL

FILE NAME = WA\994-010 KDOT LMP Section B\CADD SHEETS\Section B2\20131894_SHT_PMK_GENNOTES.dgn



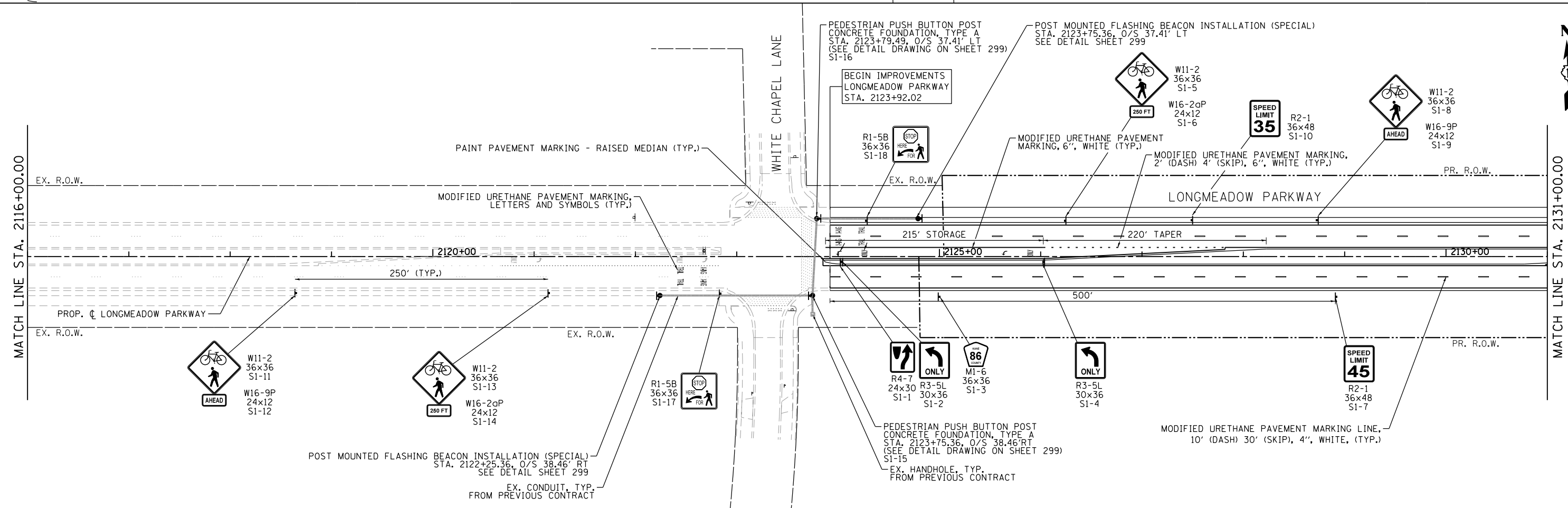
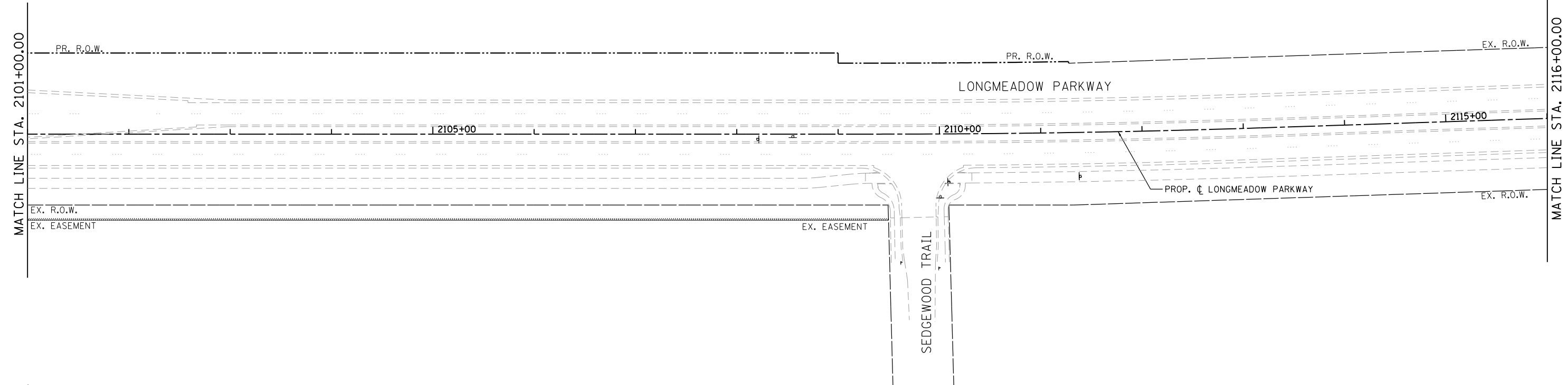
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|------------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING
GENERAL NOTES

SCALE: 1"=20' SHEET 291 OF 611 SHEETS STA. TO STA.

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 291 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = MA994-010 KDOT LMP Section B\CADD SHEETS\Section B2\2018\94_SHT_PMK_02.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

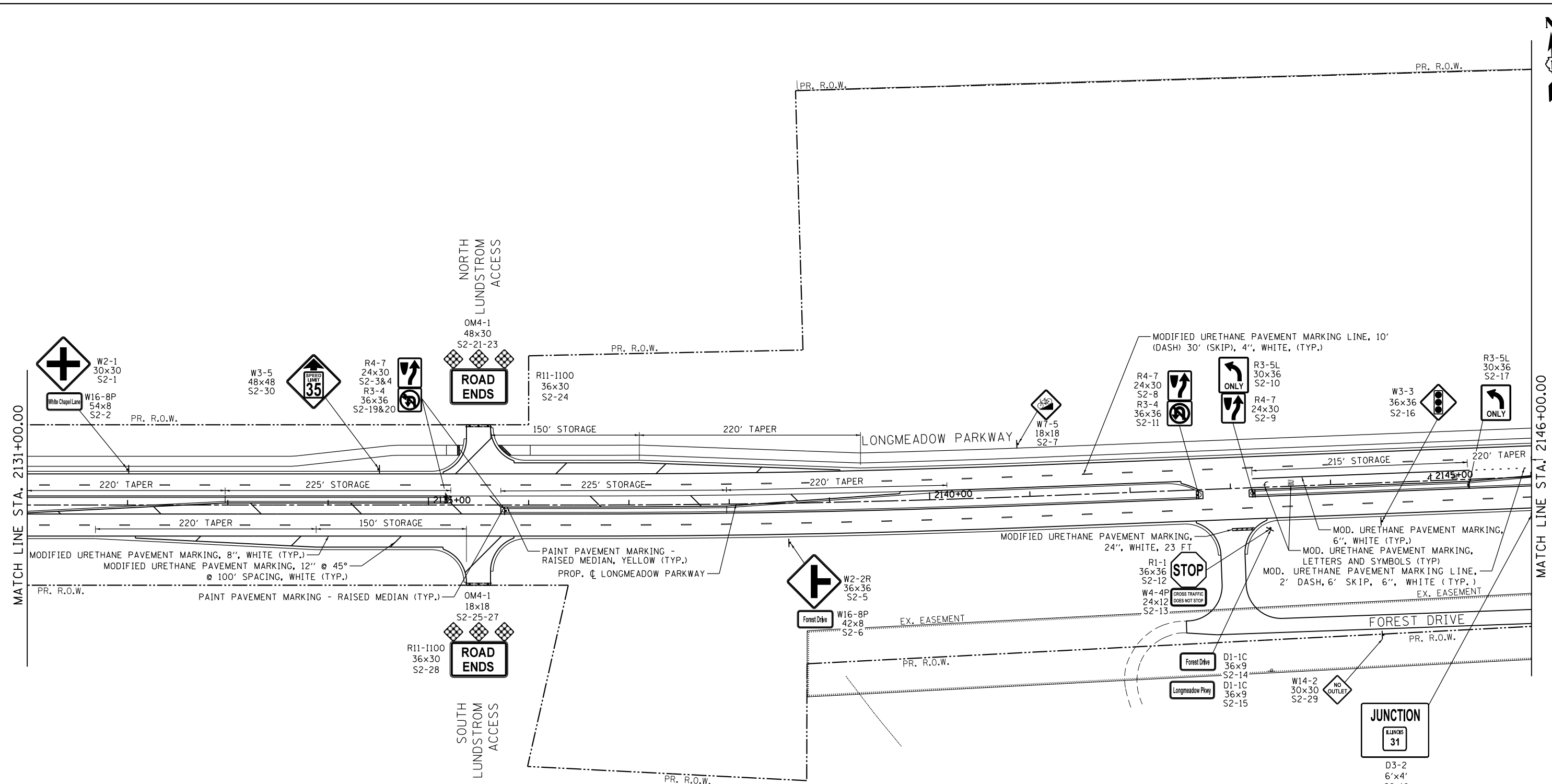
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| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=50' SHEET 292 OF 611 SHEETS STA. 2101+00.00 TO STA. 2131+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 292 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



FILE NAME = WA994-010 KDDT LMP Section B\CADD SHEETS\Section B2\20131894_SHT_PMK_03.dgn

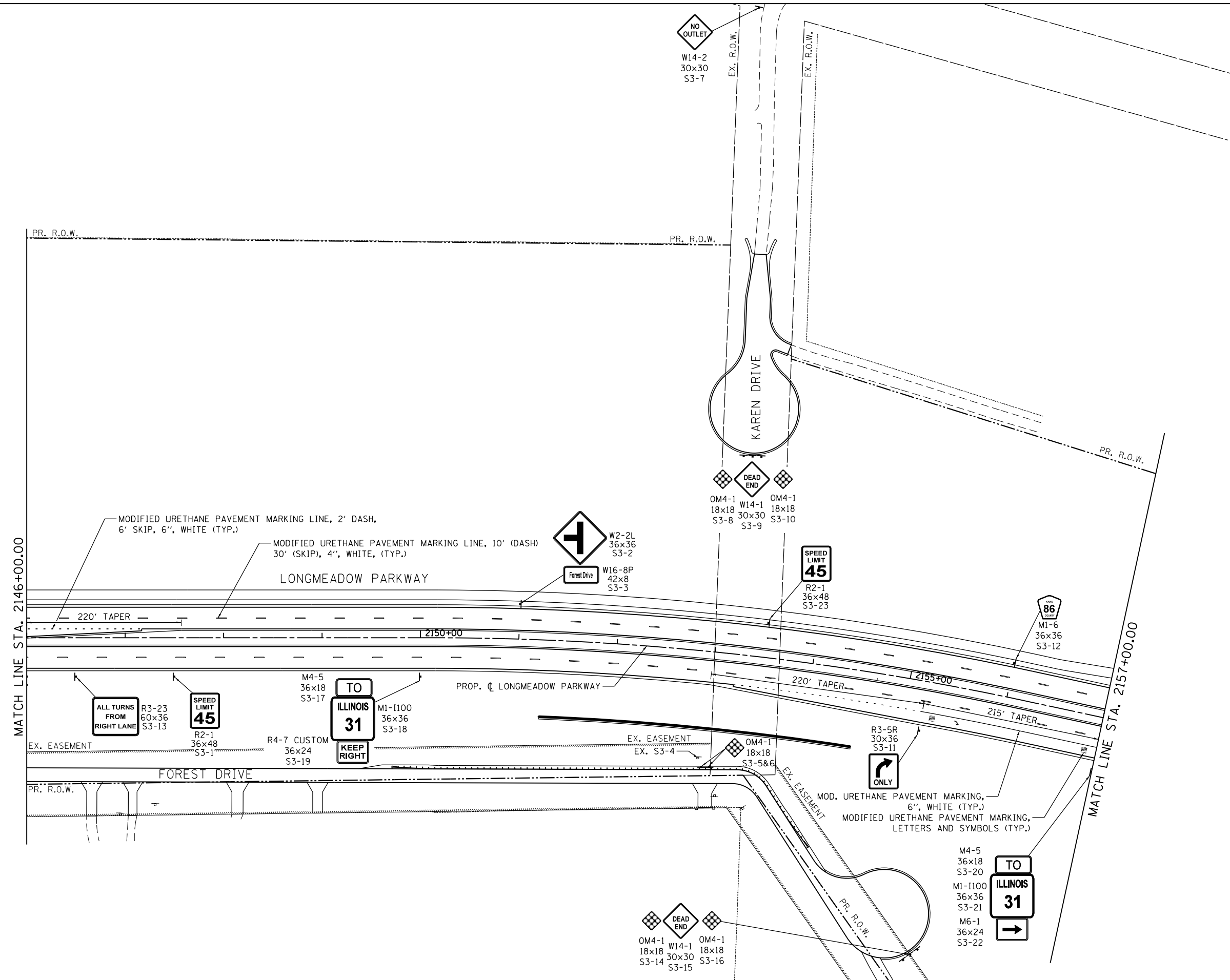
Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|------------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | |
|---|-------------------------|------------------------------------|
| LONGMEADOW PARKWAY PAVEMENT MARKING AND SIGNING PLAN | | |
| SCALE: 1"=50' | SHEET 293 OF 611 SHEETS | STA. 2131+00.00 TO STA. 2146+00.00 |

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 293 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|------------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| | DRAWN - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

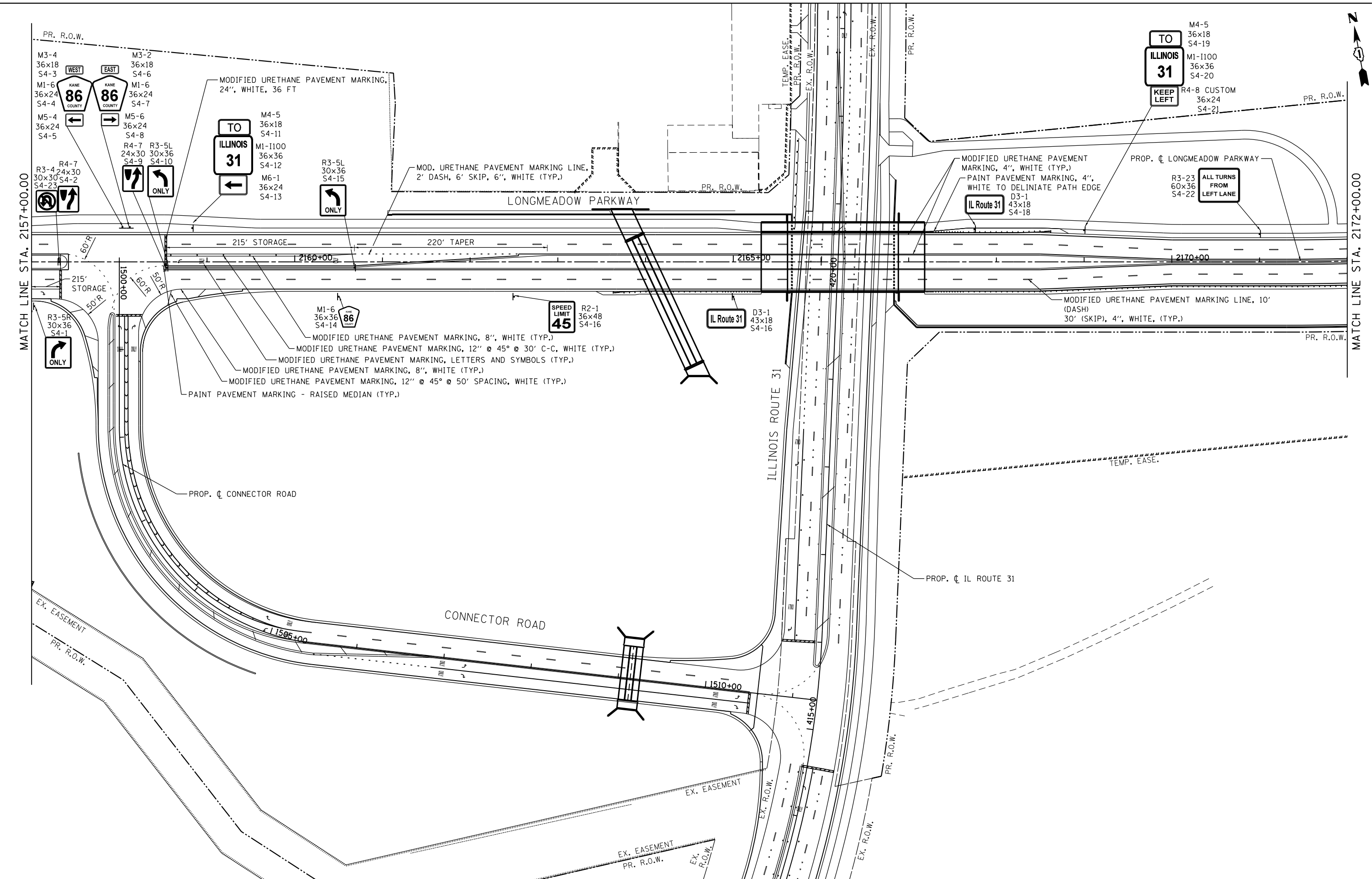
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=50' SHEET 294 OF 611 SHEETS STA. 2146+00.00 TO STA. 2157+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 294 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

FILE NAME = \\A:\94-010\KDOT\LMP\Section B\CADD SHEETS\Section B2\20131894_SHT_PMK_05.dgn



Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

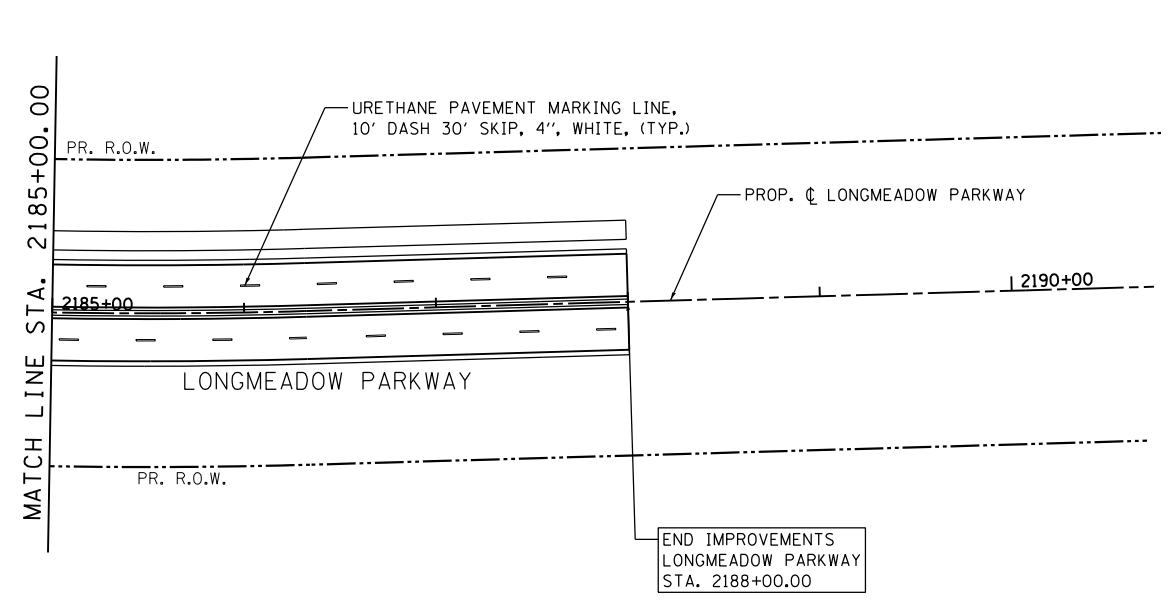
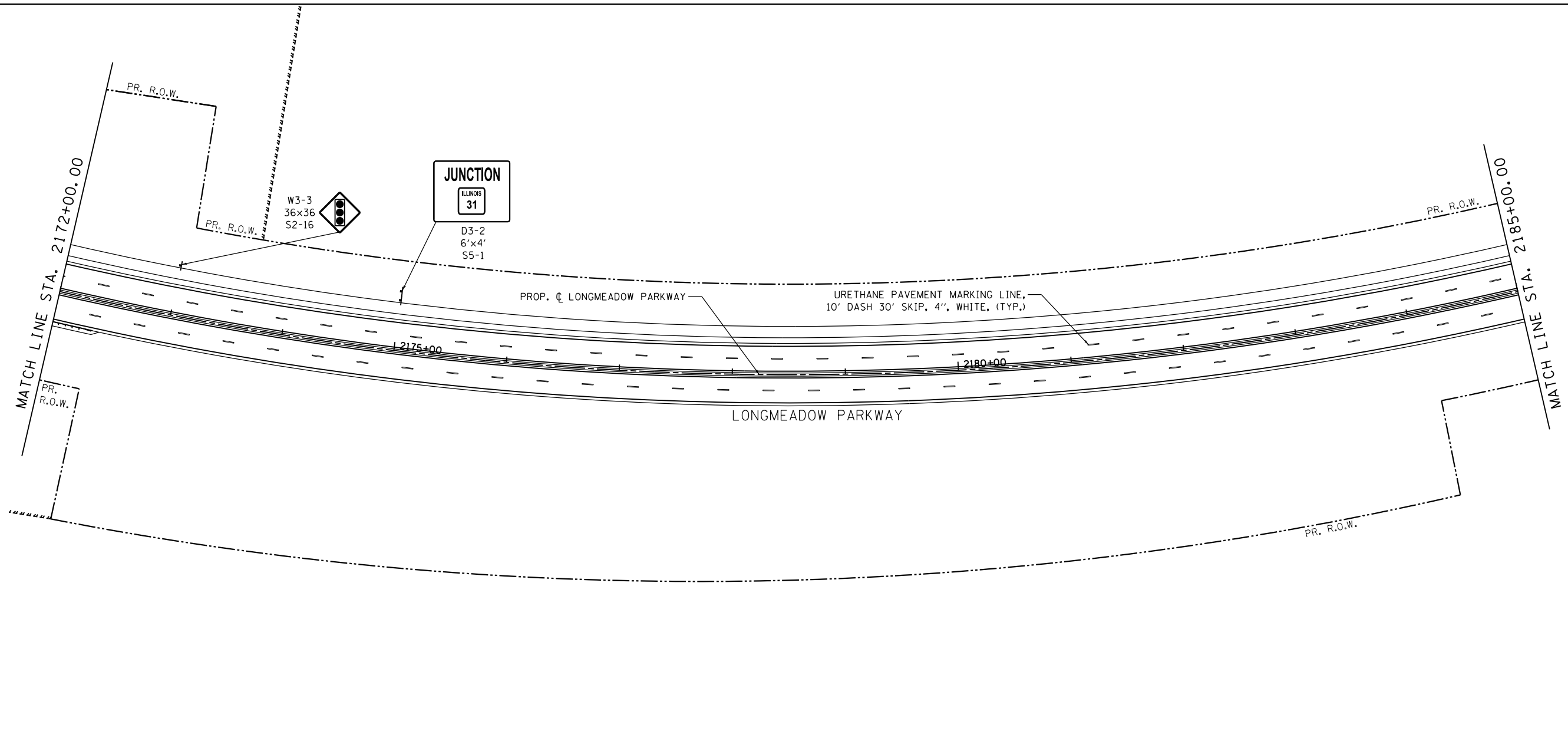
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| PLOT SCALE = 100.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
 PAVEMENT MARKING AND SIGNING PLAN**

| | | | | |
|---------------------------|----------------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 295 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SCALE: 1"=50' SHEET 295 OF 611 SHEETS STA. 2157+00.00 TO STA. 2172+00.00



FILE NAME = \\NA994-010\KDDT_LMP_Section B\CADD_SHEETS\Section B2\20131894_SHT_PMK_06.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|------------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1"=50' SHEET 296 OF 611 SHEETS STA. 2172+00.00 TO STA. 2188+00.00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 296 |
| CONTRACT NO. 61E05 | | | | |

ILLINOIS FED. AID PROJECT

| SIGN NUMBER | MUTCD CODE | PANEL DESCRIPTION | SIGN SUPPORT | ACTION | EXISTING WIDTH (IN) | EXISTING HEIGHT (IN) | REMOVE SIGN PANEL TYPE A | PROPOSED STATION | PROPOSED OFFSET | PROPOSED WIDTH (IN) | PROPOSED HEIGHT (IN) | SIGN PANEL (SQ FT) | | | TELESCOPING SIGN SUPPORT (FT) | BREAKWAY STEEL (FT) | BREAKWAY STEEL (LBS) | CONCRETE FOUNDATIONS (CU YD) |
|---|------------|--------------------------------------|--|---------------|---------------------|----------------------|--------------------------|------------------|-----------------|---------------------|----------------------|--------------------|--------|---------------|-------------------------------|---------------------|----------------------|------------------------------|
| | | | | | | | | | | | | TYPE 1 | TYPE 2 | EXTRUDED | | | | |
| POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL) | | | | PROPOSED SIGN | | | | 2122+25.36 | 38.46 RT | | | | | | | | | |
| POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL) | | | | PROPOSED SIGN | | | | 2123+79.49 | 37.41 LT | | | | | | | | | |
| S1-1 | R4-7 | KEEP RIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 24 | 30 | 5.00 | | 17.5 | | | | |
| S1-2 | R3-5L | MANDATORY MOVEMENT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2124+03.32 | 5.55 RT | 30 | 36 | 7.50 | | | | | | |
| S1-3 | M1-6 | COUNTY ROUTE | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2125+00.00 | 39.58 RT | 36 | 36 | 9.00 | | 15.0 | | | | |
| S1-4 | R3-5L | MANDATORY MOVEMENT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2126+02.61 | 5.50 RT | 30 | 36 | 7.50 | | 15.0 | | | | |
| S1-5 | W11-2 | PED/BICYCLE CROSSING | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 36 | 9.00 | | | | | | |
| S1-6 | W16-2aP | 250 FT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2126+23.73 | 35.52 LT | 24 | 12 | 2.00 | | 16.0 | | | | |
| S1-7 | R2-1 | SPEED LIMIT 45 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2128+92.02 | 39.58 RT | 36 | 48 | | 12.00 | 16.0 | | | | |
| S1-8 | W11-2 | PED/BICYCLE CROSSING | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 36 | 9.00 | | 15.0 | | | | |
| S1-9 | W16-9P | AHEAD | | | | | 2128+73.73 | 35.52 LT | | | 24 | 12 | 2.00 | | | | | |
| S1-10 | R2-1 | SPEED LIMIT 35 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2126+24.89 | 35.52 LT | 36 | 48 | | 12.00 | 16.0 | | | | |
| S1-11 | W11-2 | PED/BICYCLE CROSSING | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 36 | 9.00 | | 17.5 | | | | |
| S1-12 | W6-9P | AHEAD | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2118+63.89 | 36.08 RT | 24 | 12 | 2.00 | | | | | | |
| S1-13 | W11-2 | PED/BICYCLE CROSSING | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 36 | 9.00 | | 17.5 | | | | |
| S1-14 | W16-2aP | 250 FT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2121+13.89 | 36.08 RT | 24 | 12 | 2.00 | | | | | | |
| S1-15 | R10-25 | PUSH BUTTON TO TURN ON WARNING LIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2123+75.36 | 38.46 RT | 9 | 12 | 0.75 | | - | | | 6 L.F. * | |
| S1-16 | R10-25 | PUSH BUTTON TO TURN ON WARNING LIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2123+79.49 | 37.41 LT | 9 | 12 | 0.75 | | - | | | 6 L.F. * | |
| S1-17 | R1-5B | STOP FOR PEDS | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2122+82.86 | 36.08 RT | 36 | 36 | 9.00 | | 16.0 | | | | |
| S1-18 | R1-5B | STOP FOR PEDS | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2124+28.76 | 37.41 LT | 36 | 36 | 9.00 | | 16.0 | | | | |
| S2-1 | W2-1 | INTERSECTION WARNING | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 36 | 9.00 | | 15.7 | | | | |
| S2-2 | W16-8P | WHITE CHAPEL LANE | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2132+00.00 | 37.58 LT | 54 | 8 | 3.00 | | | | | | |
| S2-3 | R4-7 | KEEP RIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2135+17.62 | 5.62 LT | 24 | 30 | 5.00 | | 14.5 | | | | |
| S2-4 | R4-7 | KEEP RIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2135+77.39 | 5.73 RT | 24 | 30 | 5.00 | | 14.5 | | | | |
| S2-5 | W2-2R | INTERSECTION WARNING | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 36 | 9.00 | | 15.7 | | | | |
| S2-6 | W16-8P | FOREST DRIVE | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2138+59.96 | 39.58 RT | 42 | 8 | 2.33 | | | | | | |
| S2-7 | W7-5 | STEEP SLOPE (BIKE PATH) | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2140+89.95 | 52.58 LT | 18 | 18 | 2.25 | | 13.5 | | | | |
| S2-8 | R4-7 | KEEP RIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2142+66.85 | 5.10 RT | 24 | 30 | 5.00 | | 14.5 | | | | |
| S2-9 | R4-7 | KEEP RIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 30 | 36 | 7.50 | | 18.0 | | | | |
| S2-10 | R3-5L | MANDATORY MOVEMENT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2143+23.19 | 5.66 RT | 30 | 36 | 7.50 | | | | | | |
| S2-11 | R3-4 | NO U-TURN | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2142+66.85 | 5.10 RT | 30 | 30 | 6.25 | | SEE SIGN S2-8 | | | | |
| S2-12 | R1-1 | STOP | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 36 | 9.00 | | 16.8 | | | | |
| S2-13 | W4-4P | CROSS TRAFFIC DOES NOT STOP | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 24 | 12 | 2.00 | | | | | | |
| S2-14 | D1-1C | FOREST DRIVE | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2143+38.46 | 41.00 RT | 36 | 9 | 2.25 | | | | | | |
| S2-15 | D1-1C | LONGMEADOW PKWY | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 9 | 2.25 | | | | | | |
| S2-16 | W3-3 | TRAFFIC SIGNAL AHEAD | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2144+50.00 | 38.58 RT | 36 | 36 | 9.00 | | 15.0 | | | | |
| S2-17 | R3-5L | MANDATORY MOVEMENT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2145+37.04 | 5.50 RT | 30 | 36 | 7.50 | | 15.0 | | | | |
| S2-18 | D3-2 | JUNCTION IL 31 | TWO WAY BREAKAWAY STEEL SIGN SUPPORTS (GROUND) | PROPOSED SIGN | | | | 2146+00.00 | 39.42 RT | 72 | 48 | | 24.00 | | 28 (2) | 420 | 1 | |
| S2-19 | R3-18 | NO U-TURN/LEFT TURN | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2135+17.62 | 5.62 LT | 36 | 36 | 9.00 | | SEE SIGN S2-3 | | | | |
| S2-20 | R3-18 | NO U-TURN/LEFT TURN | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2135+77.39 | 5.73 RT | 36 | 36 | 9.00 | | SEE SIGN S2-4 | | | | |
| S2-21 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 18 | 18 | 2.25 | | 144.0 | | | | |
| S2-22 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2135+50.10 | 79.17 LT | 18 | 18 | 2.25 | | | | | | |
| S2-23 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 18 | 18 | 2.25 | | | | | | |
| S2-24 | RI1-I100 | ROAD ENDS | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 30 | 7.50 | | | | | | |
| S2-25 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 18 | 18 | 2.25 | | 144.0 | | | | |
| S2-26 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2135+50.10 | 79.17 RT | 18 | 18 | 2.25 | | | | | | |
| S2-27 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 18 | 18 | 2.25 | | | | | | |
| S2-28 | RI1-I100 | ROAD ENDS | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 30 | 7.50 | | | | | | |
| S2-29 | W14-2 | NO OUTLET | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2144+46.84 | 151.71 RT | 30 | 30 | 6.25 | | 14.5 | | | | |
| S2-30 | W3-5 | REDUCE SPEED LIMIT AHEAD | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2134+50.00 | 35.52 LT | 48 | 48 | | 16.00 | 16.0 | | | | |
| S3-1 | R2-1 | SPEED LIMIT 45 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2147+50.00 | 39.58 RT | 36 | 48 | | 12.00 | 16.0 | | | | |
| S3-2 | W2-2L | INTERSECTION WARNING | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 36 | 9.00 | | 15.7 | | | | |
| S3-3 | W16-8P | FOREST DRIVE | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2151+00.00 | 35.58 LT | 42 | 8 | 2.33 | | | | | | |
| S3-4 | | BLIND ROAD NO OUTLET | POST MOUNTED (GROUND) | TO BE REMOVED | 12 | 18 | 1.00 | 2152+92.75 | 108.79 RT | | | | | | | | | |
| S3-5 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2152+92.10 | 396.20 LT | 18 | 18 | 2.25 | | 13.5 | | | | |
| S3-6 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2152+97.48 | 117.31 RT | 18 | 18 | 2.25 | | 13.5 | | | | |
| S3-7 | W14-2 | NO OUTLET | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2152+82.26 | 655.92 LT | 30 | 30 | 6.25 | | 14.5 | | | | |
| S3-8 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2153+08.11 | 200.88 LT | 18 | 18 | 2.25 | | 13.5 | | | | |
| S3-9 | W14-1 | DEAD END | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2153+16.50 | 201.47 LT | 30 | 30 | 6.25 | | 14.5 | | | | |
| S3-10 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2153+24.89 | 202.09 LT | 18 | 18 | 2.25 | | 13.5 | | | | |
| S3-11 | R3-5R | MANDATORY MOVEMENT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2155+18.24 | 50.58 RT | 30 | 36 | 7.50 | | 15.0 | | | | |
| S3-12 | M1-6 | COUNTY ROUTE | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2156+00.00 | 35.58 LT | 36 | 36 | 9.00 | | 15.0 | | | | |
| S3-13 | R3-23 | ALL TURNS FROM RIGHT LANE | TWO WAY BREAKAWAY STEEL SIGN SUPPORTS (GROUND) | PROPOSED SIGN | | | | 2146+50.00 | 39.58 RT | 60 | 36 | | 15.00 | | 26 (2) | 390 | 1 | |
| S3-14 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2155+45.87 | 282.87 RT | 18 | 18 | 2.25 | | 13.5 | | | | |
| S3-15 | W14-1 | DEAD END | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2155+52.66 | 276.28 RT | 30 | 30 | 6.25 | | 14.5 | | | | |

FILE NAME = \\A994-010_KDDT_LMP_Section_B\CADD_SHEETS\Section_B2\20131894_SHT_PMK_SIGN_SCHEDULES.dgn



| | | |
|------------------------------|-------------------|-----------|
| USER NAME = WTeng | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - DBB | REVISED - |
| PLOT DATE = 9/29/2017 | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|--|-------------------------|------|---------|
| LONGMEADOW PARKWAY SIGN SCHEDULES | | | |
| SCALE: | SHEET 297 OF 611 SHEETS | STA. | TO STA. |

| | | | | |
|---------------------------|------------------------|-------------|------------------|---------------|
| F.A.U. RTE. 2298 | SECTION 16-00215-11-PV | COUNTY KANE | TOTAL SHEETS 611 | SHEET NO. 297 |
| CONTRACT NO. 61E05 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| SIGN NUMBER | MUTCD CODE | PANEL DESCRIPTION | SIGN SUPPORT | ACTION | EXISTING WIDTH (IN) | EXISTING HEIGHT (IN) | REMOVE SIGN PANEL TYPE A | PROPOSED STATION | PROPOSED OFFSET | PROPOSED WIDTH (IN) | PROPOSED HEIGHT (IN) | SIGN PANEL (SQ FT) | | | TELESCOPING SIGN SUPPORT (FT) | BREAKWAY STEEL (FT) | BREAKWAY STEEL (LBS) | CONCRETE FOUNDATIONS (CU YD) |
|-------------|-------------|---------------------------|--|---------------|---------------------|----------------------|--------------------------|------------------|-----------------|---------------------|----------------------|--------------------|--------|---------------|-------------------------------|---------------------|----------------------|------------------------------|
| | | | | | | | | | | | | TYPE 1 | TYPE 2 | EXTRUDED | | | | |
| S3-16 | OM4-1 | DEAD END MARKER | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2155+59.50 | 269.75 RT | 18 | 18 | 2.25 | | | 13.5 | | | |
| S3-17 | M4-5 | TO | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 18 | 4.50 | | | | | | |
| S3-18 | M1-1100 | ILLINOIS 31 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2150+00.00 | 39.58 RT | 36 | 36 | 9.00 | | | 74.0 | | | |
| S3-19 | R4-7 CUSTOM | KEEP RIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 24 | 6.00 | | | | | | |
| S3-20 | M4-5 | TO | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 18 | 4.50 | | | | | | |
| S3-21 | M1-1100 | ILLINOIS 31 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2157+00.00 | 56.44 RT | 36 | 36 | 9.00 | | | 74.0 | | | |
| S3-22 | M6-1 | RIGHT DIRECTIONAL ARROW | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 24 | 6.00 | | | | | | |
| S3-23 | R2-1 | SPEED LIMIT 45 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2153+50.00 | 35.58 LT | 36 | 48 | | 12.00 | | 16.0 | | | |
| S4-1 | R3-5R | MANDATORY MOVEMENT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2157+03.43 | 50.58 RT | 30 | 36 | 7.50 | | | 15.0 | | | |
| S4-2 | R4-7 | KEEP RIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2157+31.50 | 0.00 RT | 24 | 30 | 5.00 | | | 14.5 | | | |
| S4-3 | M3-4 | CARDINAL DIRECTION (WEST) | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 18 | 4.50 | | | | | | |
| S4-4 | M1-6 | COUNTY ROUTE | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2158+03.69 | 39.46 LT | 36 | 36 | 9.00 | | | 74.0 | | | |
| S4-5 | M6-1 | LEFT DIRECTIONAL ARROW | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 24 | 6.00 | | | | | | |
| S4-6 | M3-2 | CARDINAL DIRECTION (EAST) | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 18 | 4.50 | | | | | | |
| S4-7 | M1-6 | COUNTY ROUTE | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2158+12.02 | 39.46 LT | 36 | 36 | 9.00 | | | 74.0 | | | |
| S4-8 | M6-1 | RIGHT DIRECTIONAL ARROW | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 24 | 6.00 | | | | | | |
| S4-9 | R4-7 | KEEP RIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 24 | 30 | 5.00 | | | | | | |
| S4-10 | R3-5L | MANDATORY MOVEMENT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2158+54.18 | 6.74 RT | 30 | 36 | 7.50 | | | 17.5 | | | |
| S4-11 | M4-5 | TO | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 18 | 4.50 | | | | | | |
| S4-12 | M1-1100 | ILLINOIS 31 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2158+83.00 | 38.58 LT | 36 | 36 | 9.00 | | | 74.0 | | | |
| S4-13 | M6-1 | LEFT DIRECTIONAL ARROW | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 24 | 6.00 | | | | | | |
| S4-14 | M1-6 | COUNTY ROUTE | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2160+50.00 | 39.58 RT | 36 | 36 | 9.00 | | | 15.0 | | | |
| S4-15 | R3-5L | MANDATORY MOVEMENT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2160+68.05 | 6.75 RT | 30 | 36 | 7.50 | | | 15.0 | | | |
| S4-16 | R2-1 | SPEED LIMIT 45 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2162+50.00 | 39.58 RT | 36 | 48 | | 12.00 | | 16.0 | | | |
| S4-17 | D3-1 | IL ROUTE 31 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2165+00.00 | 39.58 RT | 43 | 18 | 5.38 | | | 13.5 | | | |
| S4-18 | D3-1 | IL ROUTE 31 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2167+75.00 | 37.08 LT | 43 | 18 | 5.38 | | | 13.5 | | | |
| S4-19 | M4-5 | TO | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 18 | 4.50 | | | | | | |
| S4-20 | M1-1100 | ILLINOIS 31 | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2169+00.00 | 36.19 LT | 36 | 36 | 9.00 | | | 74.0 | | | |
| S4-21 | R4-8 CUSTOM | KEEP LEFT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | | | 36 | 24 | 6.00 | | | | | | |
| S4-22 | R3-23 (MOD) | ALL TURNS FROM LEFT LANE | TWO WAY BREAKAWAY STEEL SIGN SUPPORTS (GROUND) | PROPOSED SIGN | | | | 2171+00.00 | 31.58 LT | 60 | 36 | | 15.00 | | 26 (2) | 390 | 1 | |
| S4-23 | R4-7 | KEEP RIGHT | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2157+31.50 | 0.00 RT | 30 | 30 | 6.25 | | SEE SIGN S4-2 | | | | |
| S5-1 | W3-3 | TRAFFIC SIGNAL AHEAD | POST MOUNTED (GROUND) | PROPOSED SIGN | | | | 2173+00.00 | 48.35 LT | 36 | 36 | 9.00 | | 15.0 | | | | |
| S5-3 | D3-2 | JUNCTION IL 31 | TWO WAY BREAKAWAY STEEL SIGN SUPPORTS (GROUND) | PROPOSED SIGN | | | | 2175+00.00 | 48.35 LT | 72 | 48 | | 24.00 | | 28 (2) | 420 | 1 | |
| | | | | TOTAL: | | | 1 | | | | | 484 | 76 | 78 | 1430.3 | 108 | 1620 | 4 |

NOTES: (2) REQUIRES TWO POSTS
* PAID AS CONCRETE FOUNDATION, TYPE A

FILE NAME = W:\94-010 KDDT LMP Section B\CADD SHEETS\Section B2\20131894_SHT_PMK_SIGN_SCHEDULES.dgn



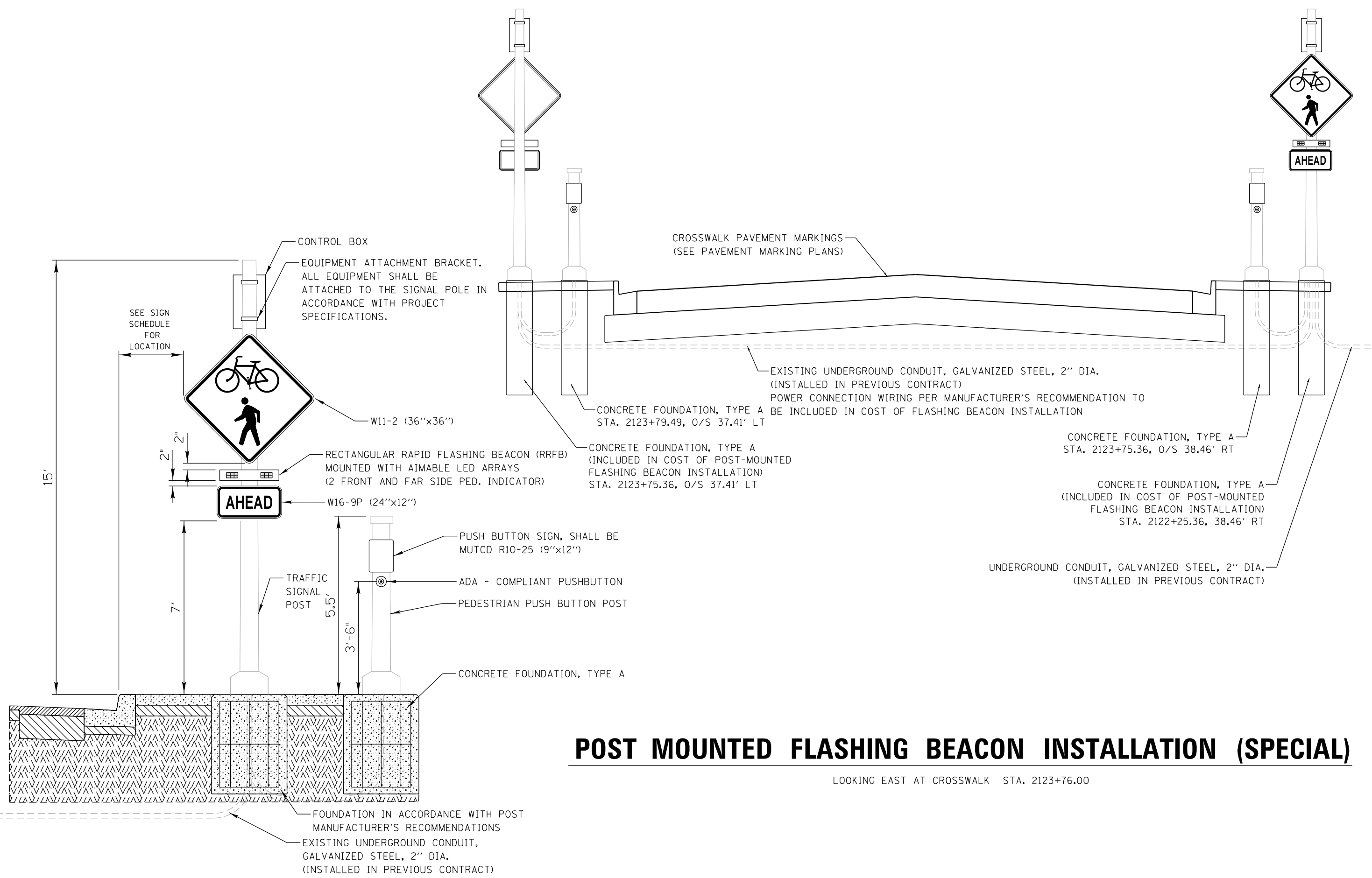
| | | |
|------------------------------|-------------------|-----------|
| USER NAME = WTeng | DESIGNED - GJE | REVISED - |
| DRAWN - GJE | CHECKED - DBB | REVISED - |
| PLOT SCALE = 100.0000' / in. | DATE - 08/07/2017 | REVISED - |
| PLOT DATE = 9/29/2017 | | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LONGMEADOW PARKWAY
SIGN SCHEDULES

SCALE: SHEET 298 OF 611 SHEETS STA. TO STA.

| | | | | |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 2298 | 16-00215-11-PV | KANE | 611 | 298 |
| CONTRACT NO. 61E05 | | | ILLINOIS FED. AID PROJECT | |



POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL)

LOOKING EAST AT CROSSWALK STA. 2123+76.00

FILE NAME = \\A\94-010\KDOT\LMP\Section B\CADD SHEETS\Section B2\20131894_SHT_PMK_Ped_Xing_Detail.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

| | | |
|-----------------------------|-------------------|-----------|
| USER NAME = dbruckelmeyer | DESIGNED - GJE | REVISED - |
| PLOT SCALE = 20.0000' / in. | DRAWN - GJE | REVISED - |
| PLOT DATE = 9/29/2017 | CHECKED - DBB | REVISED - |
| | DATE - 08/07/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LONGMEADOW PARKWAY
WHITE CHAPEL LANE MID-BLOCK PEDESTRIAN CROSSING DETAIL**

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------------|--------|--------------|-----------|
| 2298 | 16-00215-11-PV | KANE | 611 | 299 |
| CONTRACT NO. 61E05 | | | | |

SCALE: NTS SHEET 299 OF 611 SHEETS STA. TO STA.

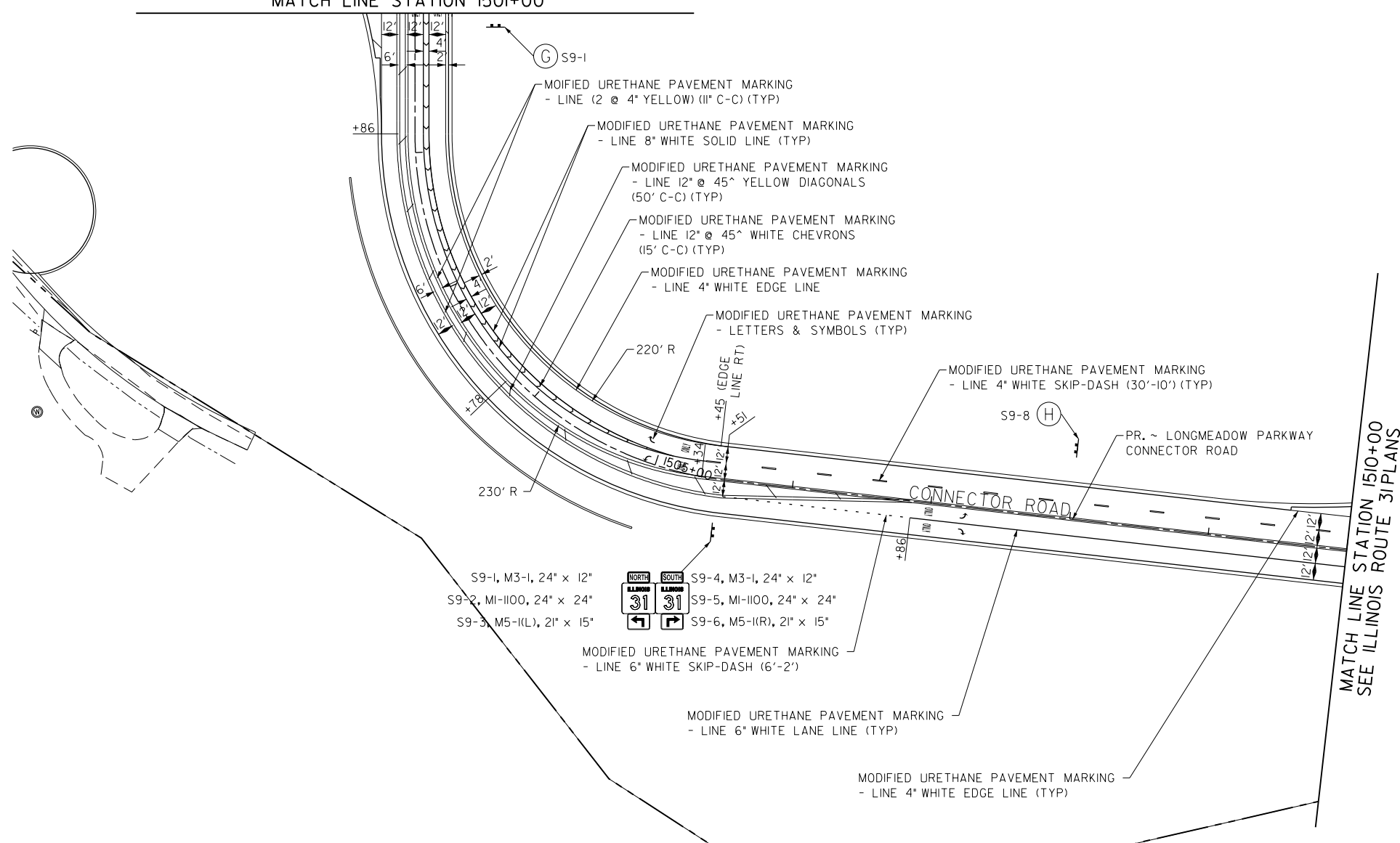
ILLINOIS FED. AID PROJECT



LEGEND

| | |
|-------|---|
| | PROPOSED SIGN |
| | PROPOSED GUIDE SIGN |
| S10-1 | SIGN DESIGNATION, SEE SIGN SCHEDULE, SHEET 279 TO 281. |
| | STANDARD ORANGE FLAG, COST IS INCLUDED IN THE COST OF THE SIGN PANEL. |
| | ONE-WAY AMBER MARKER |
| | TWO-WAY AMBER MARKER |
| | ONE-WAY CRYSTAL MARKER |

SEE LONGMEADOW PARKWAY PLANS
MATCH LINE STATION 1501+00



- S9-1, M3-1, 24" x 12"
- S9-2, M1-1100, 24" x 24"
- S9-3, M5-1(L), 21" x 15"
- S9-4, M3-1, 24" x 12"
- S9-5, M1-1100, 24" x 24"
- S9-6, M5-1(R), 21" x 15"

NOTES:

1. FOR ADDITIONAL DETAILS SEE DISTRICT ONE DETAILS TYPICAL PAVEMENT MARKINGS TC-13 AND TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKING TC-11.
2. REMOVE ALL CONFLICTING PAVEMENT MARKINGS.
3. A MINIMUM DISTANCE OF 4 FEET SHALL BE MAINTAINED BETWEEN THE EDGE OF A 6" CROSSWALK LINE AND THE EDGE OF A 24" STOP BAR.
4. FOR STATION, OFFSET, AND SIZE DETAILS, SEE SIGN SCHEDULES, SHEETS 303 TO 304.

FILE NAME = G:\CH13\0109\Road\Sheets - B2_Contract\20131894-SHT-PMK-02.dgn



| | | |
|------------------------------|-----------------|-----------|
| USER NAME = mbmwhorter | DESIGNED - BSH | REVISED - |
| | DRAWN - MLB | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - MFD | REVISED - |
| PLOT DATE = 9/25/2017 | DATE - 8/7/2017 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CONNECTOR ROAD
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 50' SHEET 300 OF 611 SHEETS STA. 1501+00 TO STA. 1510+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| 2298 | 16-00215-II-PV | KANE | 611 | 300 |
| CONTRACT NO. 61E05 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |