LEGEND

TEMPORARY EROSION CONTROL SEEDING (28000250) (POUND) MULCH, METHOD 3A (25100127) (ACRE)	INLET AND PIPE PROTECTION (28000500) (EACH)
EROSION CONTROL BLANKET (25100630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	INLET FILTERS (28000510) (EACH)
EROSION CONTROL BLANKET (MODIFIED) (X2511640) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	TEMPORARY DITCH CHECKS (SPECIAL) (X2800302) (FOOT) (INSTALLATION STAGE SPECIFIED)
EROSION CONTROL BLANKET (SPECIAL) (X2511630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	AGGREGATE DITCH CHECKS (28000315) (TON)
HD EROSION CONTROL BLANKET (SPECIAL) (X2510635) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	CULVERT INLET PROTECTION - STONE PAID AS AGGREGATE (EROSION CONTROL) - 28001000
SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE (Z0013796) (SQ YD)	PERIMETER EROSION BARRIER, SPL (X2800400) (FOOT)
	— xxx — TEMPORARY FENCE (20101000) (FOOT)
	STAGE WORK ZONE

NOTE: EROSION CONTROL BLANKETS ARE TO BE INSTALLED WITHIN 24 HOURS AFTER PERMANENT SEEDING CLASSES HAVE BEEN APPLIED

N

MATCH LINE STA. 2221+50

MATCH LINE STA. 2235+50

MATCH LINE STA. 508+25

MATCH LINE STA. 522+50

PR. ROW

℄ PROP. LONGMEADOW PARKWAY

2225+00

2230+00

2235+00

510+00

515+00

520+00

T.E.

EX. ROW

PR. ROW

PR. ROW

PR. ROW

PR. ROW

PR. ROW

℄ BOLZ ROAD

℄ OXFORD DRIVE

WETLANDS &
WATERS OF THE U.S. SITE 12
TOTAL WETLANDS = 0.06 AC
TOTAL WOUS = 0.06 AC
IMPACTED WETLAND AREA = 0.00 AC
IMPACTED WOUS AREA = 0.02 AC
(TOTAL PROJECT IMPACTS)

WETLANDS &
WATERS OF THE U.S. SITE 13
TOTAL WETLANDS = 0.29 AC
TOTAL WOUS = 1.15 AC
IMPACTED WETLAND AREA = 0.00 AC
IMPACTED WOUS AREA = 0.01 AC
(TOTAL PROJECT IMPACTS)

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-esc-Long-02-Stage3_cmt.dgn

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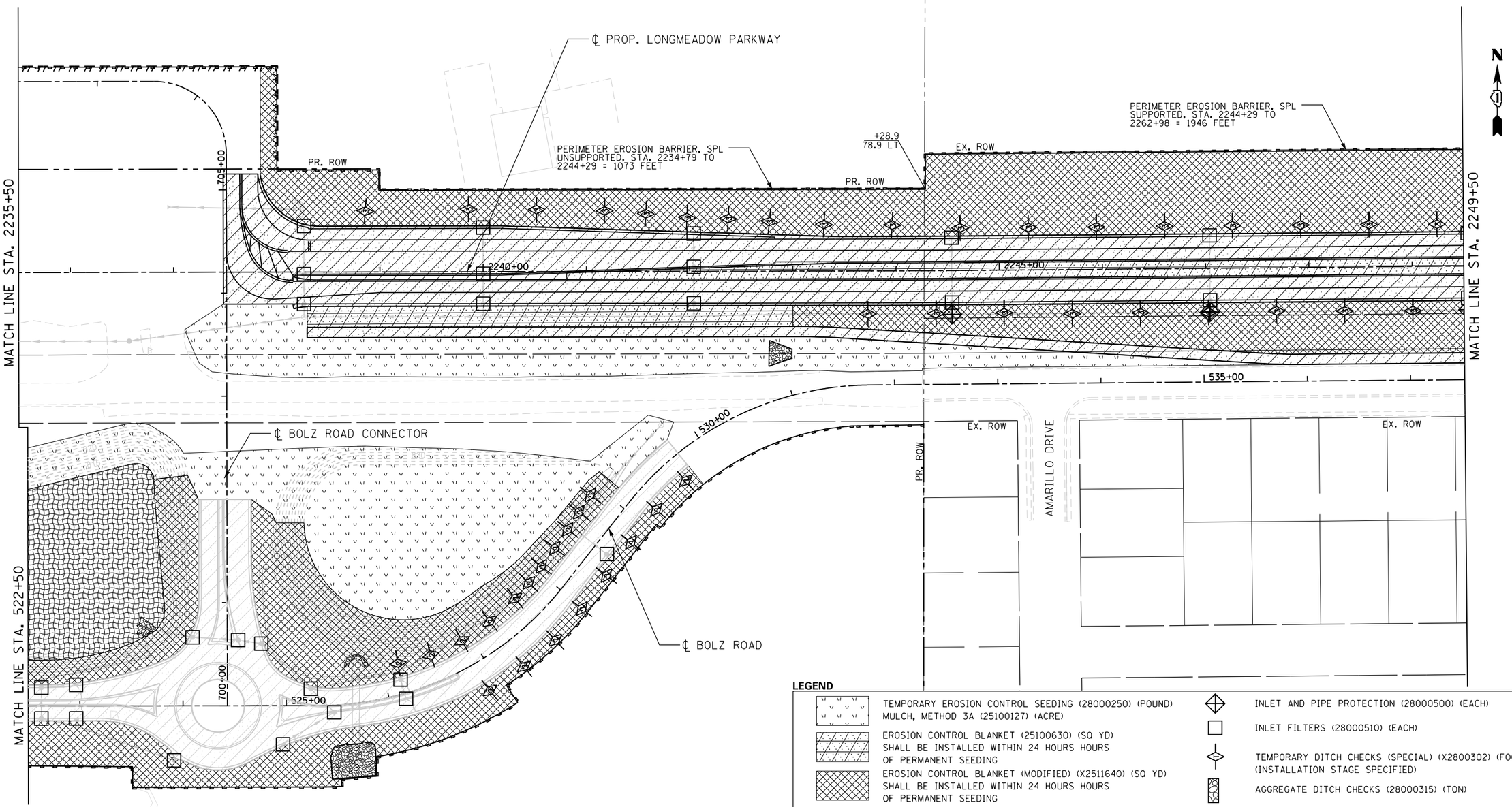
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL
LONGMEADOW PARKWAY
STAGE 3

SCALE: 1"=50' | SHEET 2 OF 4 SHEETS | STA. 2221+50 TO STA. 2235+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	101
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



LEGEND

- TEMPORARY EROSION CONTROL SEEDING (28000250) (POUND) MULCH, METHOD 3A (25100127) (ACRE)
- EROSION CONTROL BLANKET (25100630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (MODIFIED) (X2511640) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (SPECIAL) (X2511630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- HD EROSION CONTROL BLANKET (SPECIAL) (X2510635) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE (Z0013796) (SQ YD)
- INLET AND PIPE PROTECTION (28000500) (EACH)
- INLET FILTERS (28000510) (EACH)
- TEMPORARY DITCH CHECKS (SPECIAL) (X2800302) (FOOT) (INSTALLATION STAGE SPECIFIED)
- AGGREGATE DITCH CHECKS (28000315) (TON)
- CULVERT INLET PROTECTION - STONE PAID AS AGGREGATE (EROSION CONTROL) - 28001000
- PERIMETER EROSION BARRIER, SPL (X2800400) (FOOT)
- — xxx — TEMPORARY FENCE (20101000) (FOOT)
- STAGE WORK ZONE

NOTE: EROSION CONTROL BLANKETS ARE TO BE INSTALLED WITHIN 24 HOURS AFTER PERMANENT SEEDING CLASSES HAVE BEEN APPLIED

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\132795-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-aht-esc-Long-03-Stage3_cmt.dgn

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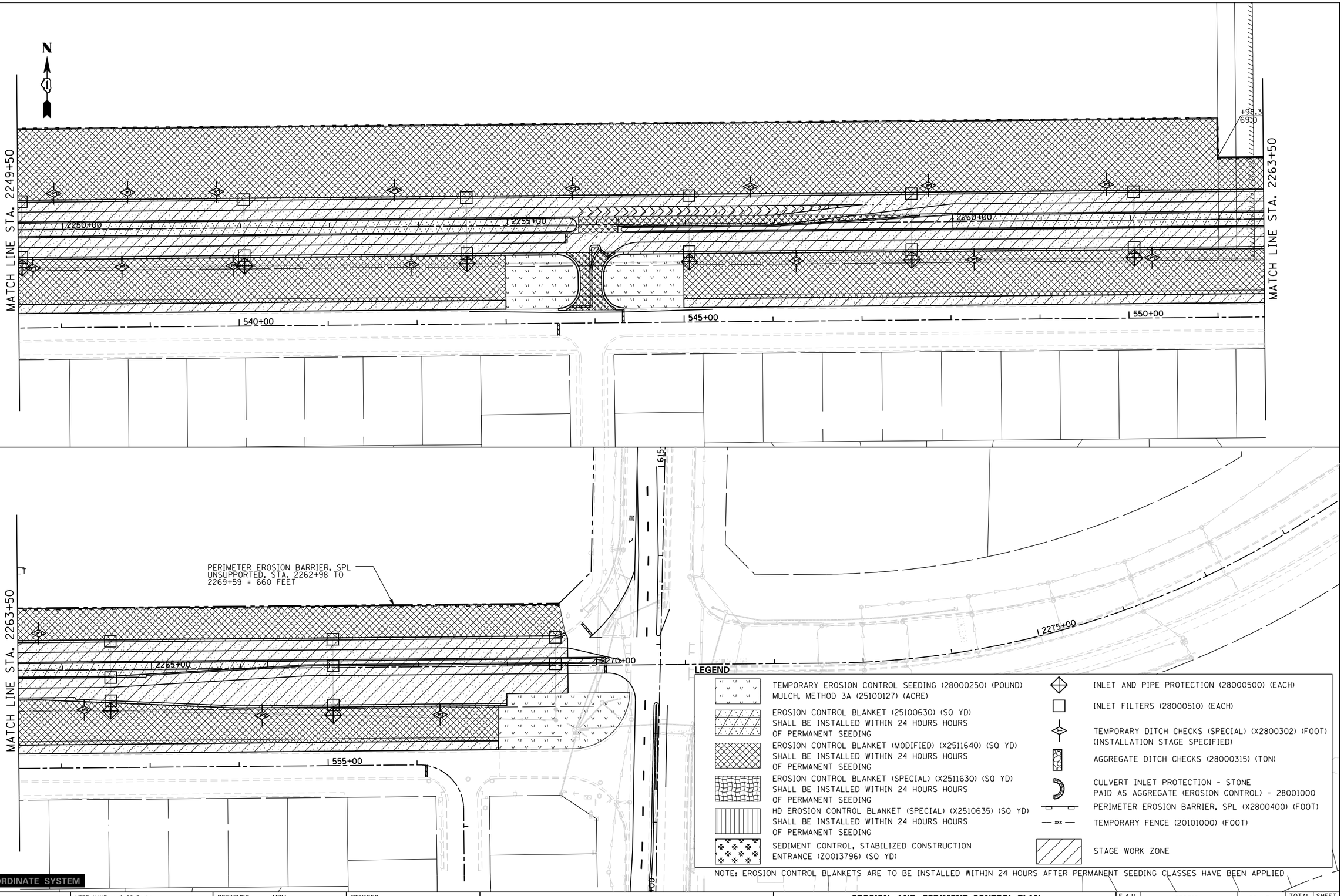
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
STAGE 3

SCALE: 1"=50' | SHEET 3 OF 4 SHEETS | STA. 2235+50 | TO STA. 2249+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	102
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



LOCAL COORDINATE SYSTEM

NOTE: EROSION CONTROL BLANKETS ARE TO BE INSTALLED WITHIN 24 HOURS AFTER PERMANENT SEEDING CLASSES HAVE BEEN APPLIED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

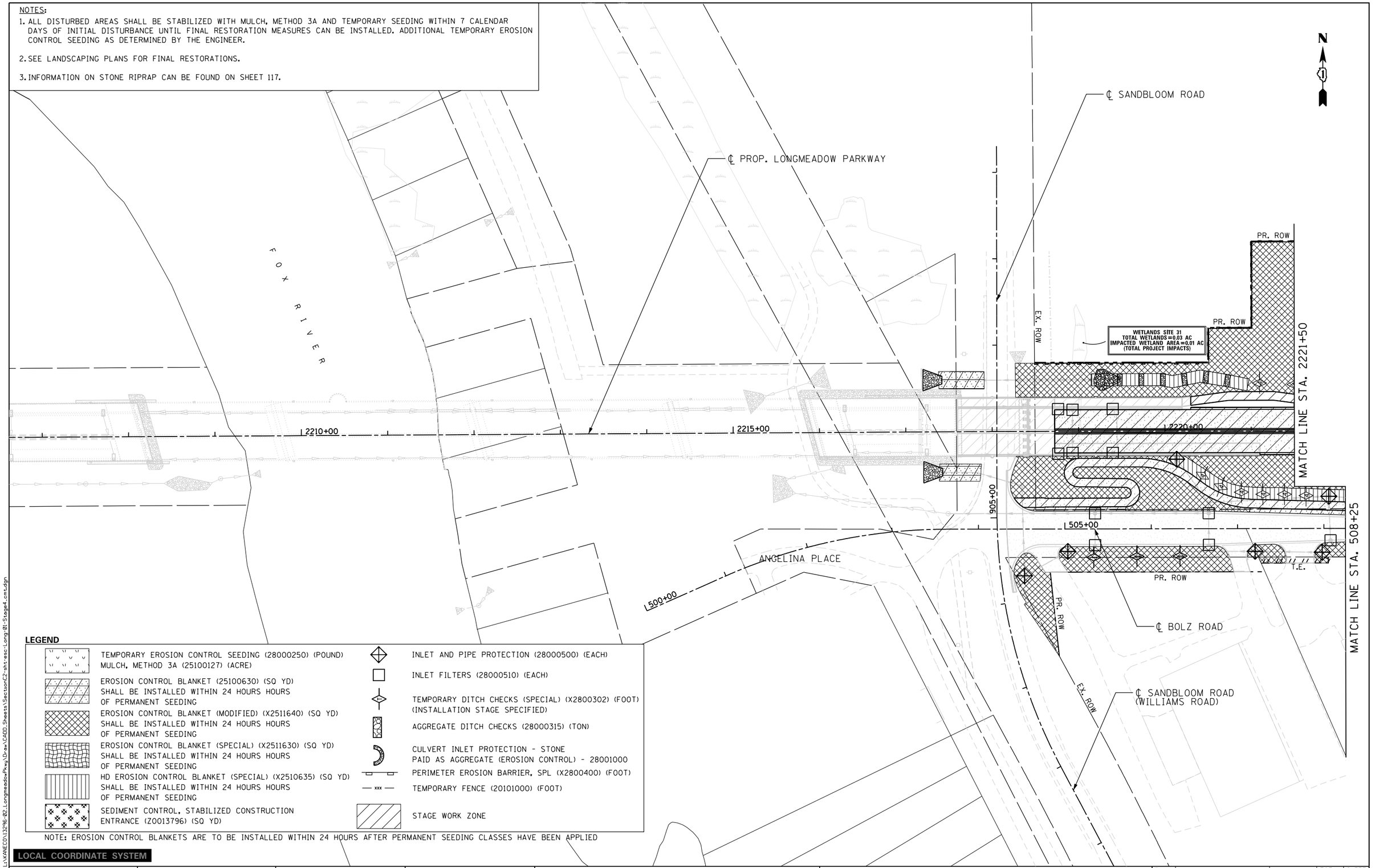
EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
STAGE 3

SCALE: 1"=50' | SHEET 4 OF 4 SHEETS | STA. 2249+50 TO STA. 2277+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	103
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. ALL DISTURBED AREAS SHALL BE STABILIZED WITH MULCH, METHOD 3A AND TEMPORARY SEEDING WITHIN 7 CALENDAR DAYS OF INITIAL DISTURBANCE UNTIL FINAL RESTORATION MEASURES CAN BE INSTALLED. ADDITIONAL TEMPORARY EROSION CONTROL SEEDING AS DETERMINED BY THE ENGINEER.
2. SEE LANDSCAPING PLANS FOR FINAL RESTORATIONS.
3. INFORMATION ON STONE RIPRAP CAN BE FOUND ON SHEET 117.



LEGEND

TEMPORARY EROSION CONTROL SEEDING (28000250) (POUND) MULCH, METHOD 3A (25100127) (ACRE)	INLET AND PIPE PROTECTION (28000500) (EACH)
EROSION CONTROL BLANKET (25100630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	INLET FILTERS (28000510) (EACH)
EROSION CONTROL BLANKET (MODIFIED) (X2511640) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	TEMPORARY DITCH CHECKS (SPECIAL) (X2800302) (FOOT) (INSTALLATION STAGE SPECIFIED)
EROSION CONTROL BLANKET (SPECIAL) (X2511630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	AGGREGATE DITCH CHECKS (28000315) (TON)
HD EROSION CONTROL BLANKET (SPECIAL) (X2510635) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	CULVERT INLET PROTECTION - STONE PAID AS AGGREGATE (EROSION CONTROL) - 28001000
SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE (Z0013796) (SQ YD)	PERIMETER EROSION BARRIER, SPL (X2800400) (FOOT)
	TEMPORARY FENCE (20101000) (FOOT)
	STAGE WORK ZONE

NOTE: EROSION CONTROL BLANKETS ARE TO BE INSTALLED WITHIN 24 HOURS AFTER PERMANENT SEEDING CLASSES HAVE BEEN APPLIED

LOCAL COORDINATE SYSTEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL
LONGMEADOW PARKWAY
STAGE 4

SCALE: 1"=50' | SHEET 1 OF 4 SHEETS | STA. - | TO STA. 2221+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	104
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

LEGEND

- TEMPORARY EROSION CONTROL SEEDING (28000250) (POUND) MULCH, METHOD 3A (25100127) (ACRE)
- EROSION CONTROL BLANKET (25100630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (MODIFIED) (X2511640) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (SPECIAL) (X2511630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- HD EROSION CONTROL BLANKET (SPECIAL) (X2510635) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE (Z0013796) (SQ YD)
- INLET AND PIPE PROTECTION (28000500) (EACH)
- INLET FILTERS (28000510) (EACH)
- TEMPORARY DITCH CHECKS (SPECIAL) (X2800302) (FOOT) (INSTALLATION STAGE SPECIFIED)
- AGGREGATE DITCH CHECKS (28000315) (TON)
- CULVERT INLET PROTECTION - STONE PAID AS AGGREGATE (EROSION CONTROL) - 28001000
- PERIMETER EROSION BARRIER, SPL (X2800400) (FOOT)
- — xxx — TEMPORARY FENCE (20101000) (FOOT)
- STAGE WORK ZONE

NOTE: EROSION CONTROL BLANKETS ARE TO BE INSTALLED WITHIN 24 HOURS AFTER PERMANENT SEEDING CLASSES HAVE BEEN APPLIED

N

PERIMETER EROSION BARRIER, SPL SUPPORTED, STA. 2220+51 TO 2237+24 = 1971 FEET

PR. ROW

MATCH LINE STA. 2221+50

℄ PROP. LONGMEADOW PARKWAY

2225+00

2230+00

2235+00

MATCH LINE STA. 2235+50

MATCH LINE STA. 508+25

510+00

515+00

520+00

WETLANDS & WATERS OF THE U.S. SITE 12
TOTAL WETLANDS = 0.06 AC
TOTAL WOUS = 0.06 AC
IMPACTED WETLAND AREA = 0.00 AC
IMPACTED WOUS AREA = 0.02 AC
(TOTAL PROJECT IMPACTS)

I.E.

PR. ROW

EX. ROW

℄ OXFORD DRIVE

℄ BOLZ ROAD

WETLANDS & WATERS OF THE U.S. SITE 13
TOTAL WETLANDS = 0.29 AC
TOTAL WOUS = 1.15 AC
IMPACTED WETLAND AREA = 0.00 AC
IMPACTED WOUS AREA = 0.01 AC
(TOTAL PROJECT IMPACTS)

LOCAL COORDINATE SYSTEM

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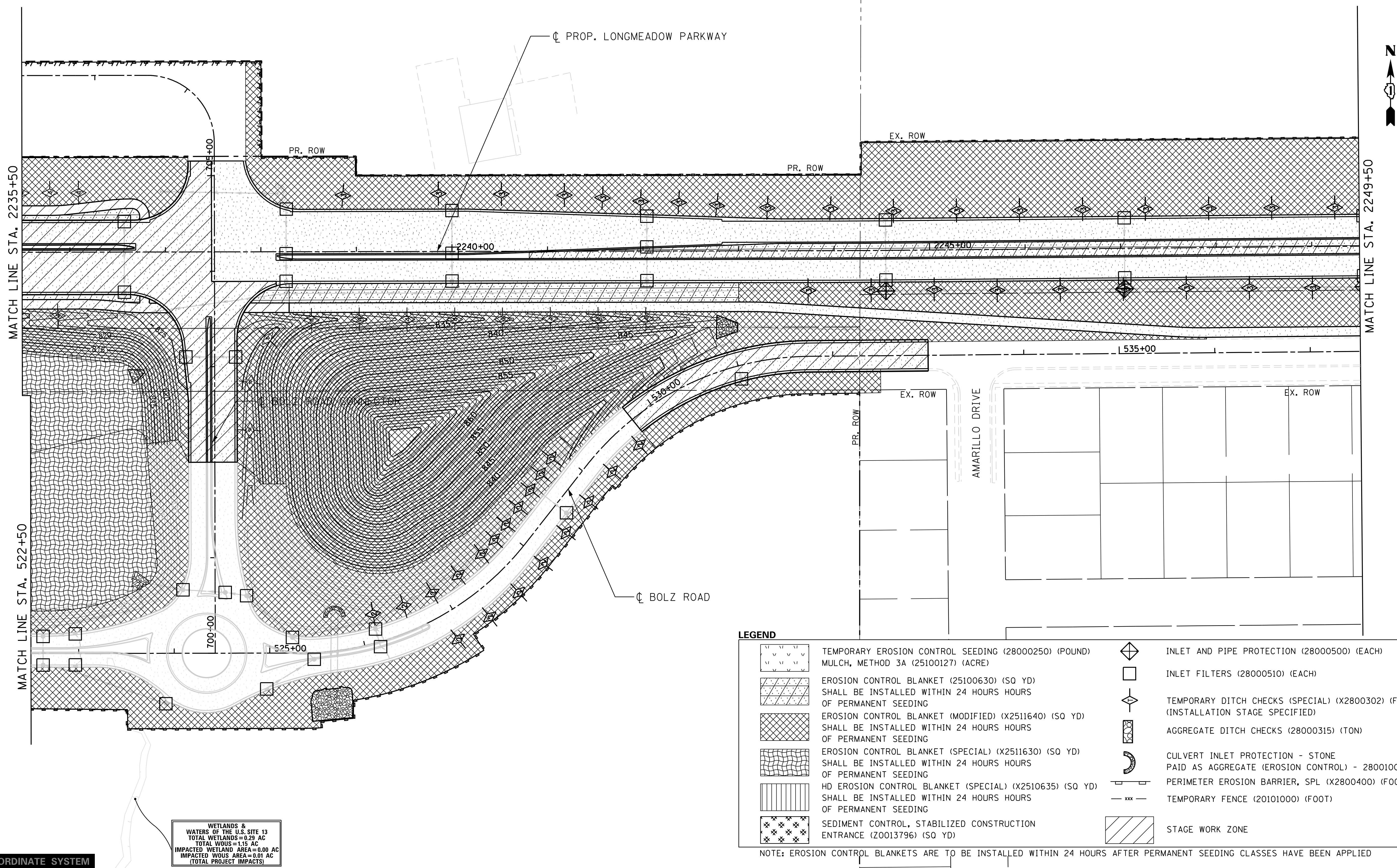
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL
LONGMEADOW PARKWAY
STAGE 4

SCALE: 1"=50' | SHEET 2 OF 4 SHEETS | STA. 2221+50 TO STA. 2235+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	105
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		



LEGEND

- TEMPORARY EROSION CONTROL SEEDING (28000250) (POUND) MULCH, METHOD 3A (25100127) (ACRE)
- EROSION CONTROL BLANKET (25100630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (MODIFIED) (X2511640) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (SPECIAL) (X2511630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- HD EROSION CONTROL BLANKET (SPECIAL) (X2510635) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE (Z0013796) (SQ YD)
- INLET AND PIPE PROTECTION (28000500) (EACH)
- INLET FILTERS (28000510) (EACH)
- TEMPORARY DITCH CHECKS (SPECIAL) (X2800302) (FOOT) (INSTALLATION STAGE SPECIFIED)
- AGGREGATE DITCH CHECKS (28000315) (TON)
- CULVERT INLET PROTECTION - STONE PAID AS AGGREGATE (EROSION CONTROL) - 28001000
- PERIMETER EROSION BARRIER, SPL (X2800400) (FOOT)
- TEMPORARY FENCE (20101000) (FOOT)
- STAGE WORK ZONE

NOTE: EROSION CONTROL BLANKETS ARE TO BE INSTALLED WITHIN 24 HOURS AFTER PERMANENT SEEDING CLASSES HAVE BEEN APPLIED

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

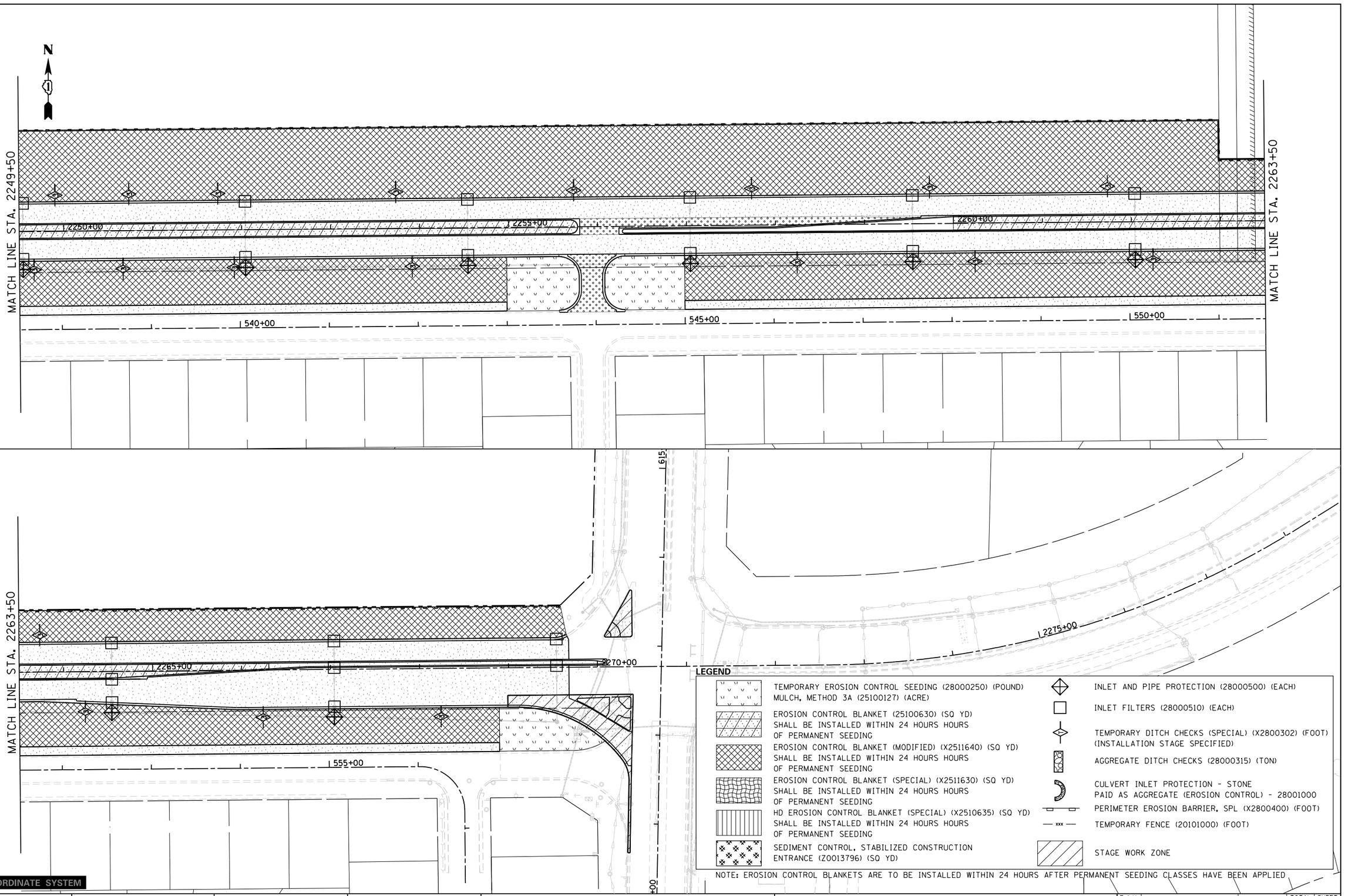
EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
STAGE 4

SCALE: 1"=50' | SHEET 3 OF 4 SHEETS | STA. 2235+50 TO STA. 2249+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	106

CONTRACT NO. 61G02

ILLINOIS | FED. AID PROJECT



LEGEND

- TEMPORARY EROSION CONTROL SEEDING (28000250) (POUND) MULCH, METHOD 3A (25100127) (ACRE)
- EROSION CONTROL BLANKET (25100630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (MODIFIED) (X2511640) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (SPECIAL) (X2511630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- HD EROSION CONTROL BLANKET (SPECIAL) (X2510635) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE (Z0013796) (SQ YD)
- INLET AND PIPE PROTECTION (28000500) (EACH)
- INLET FILTERS (28000510) (EACH)
- TEMPORARY DITCH CHECKS (SPECIAL) (X2800302) (FOOT) (INSTALLATION STAGE SPECIFIED)
- AGGREGATE DITCH CHECKS (28000315) (TON)
- CULVERT INLET PROTECTION - STONE PAID AS AGGREGATE (EROSION CONTROL) - 28001000
- PERIMETER EROSION BARRIER, SPL (X2800400) (FOOT)
- xxx — TEMPORARY FENCE (20101000) (FOOT)
- STAGE WORK ZONE

NOTE: EROSION CONTROL BLANKETS ARE TO BE INSTALLED WITHIN 24 HOURS AFTER PERMANENT SEEDING CLASSES HAVE BEEN APPLIED

LOCAL COORDINATE SYSTEM

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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

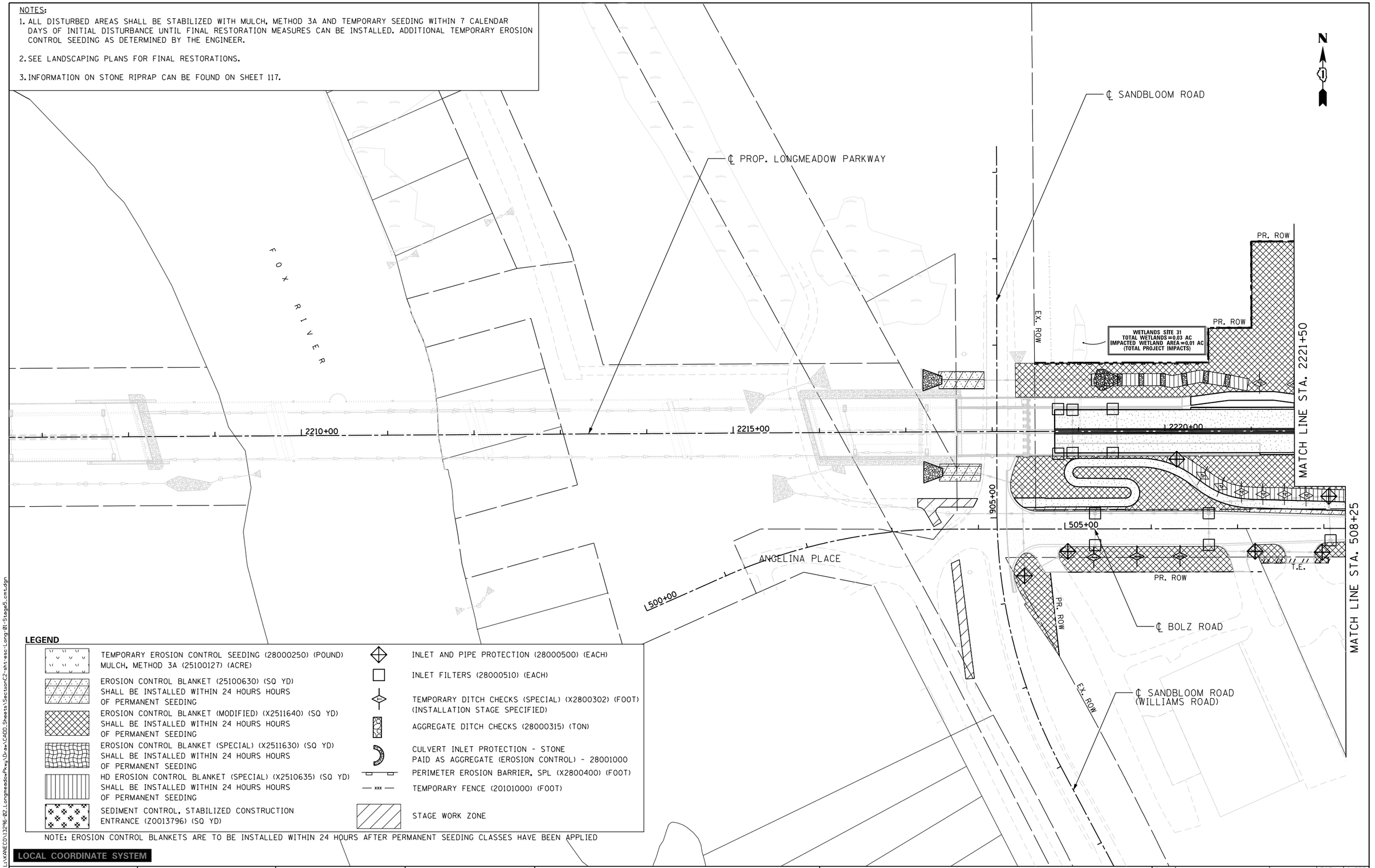
EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
STAGE 4

SCALE: 1"=50' | SHEET 4 OF 4 SHEETS | STA. 2249+50 TO STA. 2277+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	107
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. ALL DISTURBED AREAS SHALL BE STABILIZED WITH MULCH, METHOD 3A AND TEMPORARY SEEDING WITHIN 7 CALENDAR DAYS OF INITIAL DISTURBANCE UNTIL FINAL RESTORATION MEASURES CAN BE INSTALLED. ADDITIONAL TEMPORARY EROSION CONTROL SEEDING AS DETERMINED BY THE ENGINEER.
2. SEE LANDSCAPING PLANS FOR FINAL RESTORATIONS.
3. INFORMATION ON STONE RIPRAP CAN BE FOUND ON SHEET 117.



LEGEND

TEMPORARY EROSION CONTROL SEEDING (28000250) (POUND) MULCH, METHOD 3A (25100127) (ACRE)	INLET AND PIPE PROTECTION (28000500) (EACH)
EROSION CONTROL BLANKET (25100630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	INLET FILTERS (28000510) (EACH)
EROSION CONTROL BLANKET (MODIFIED) (X2511640) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	TEMPORARY DITCH CHECKS (SPECIAL) (X2800302) (FOOT) (INSTALLATION STAGE SPECIFIED)
EROSION CONTROL BLANKET (SPECIAL) (X2511630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	AGGREGATE DITCH CHECKS (28000315) (TON)
HD EROSION CONTROL BLANKET (SPECIAL) (X2510635) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING	CULVERT INLET PROTECTION - STONE PAID AS AGGREGATE (EROSION CONTROL) - 28001000
SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE (Z0013796) (SQ YD)	PERIMETER EROSION BARRIER, SPL (X2800400) (FOOT)
	TEMPORARY FENCE (20101000) (FOOT)
	STAGE WORK ZONE

NOTE: EROSION CONTROL BLANKETS ARE TO BE INSTALLED WITHIN 24 HOURS AFTER PERMANENT SEEDING CLASSES HAVE BEEN APPLIED

LOCAL COORDINATE SYSTEM

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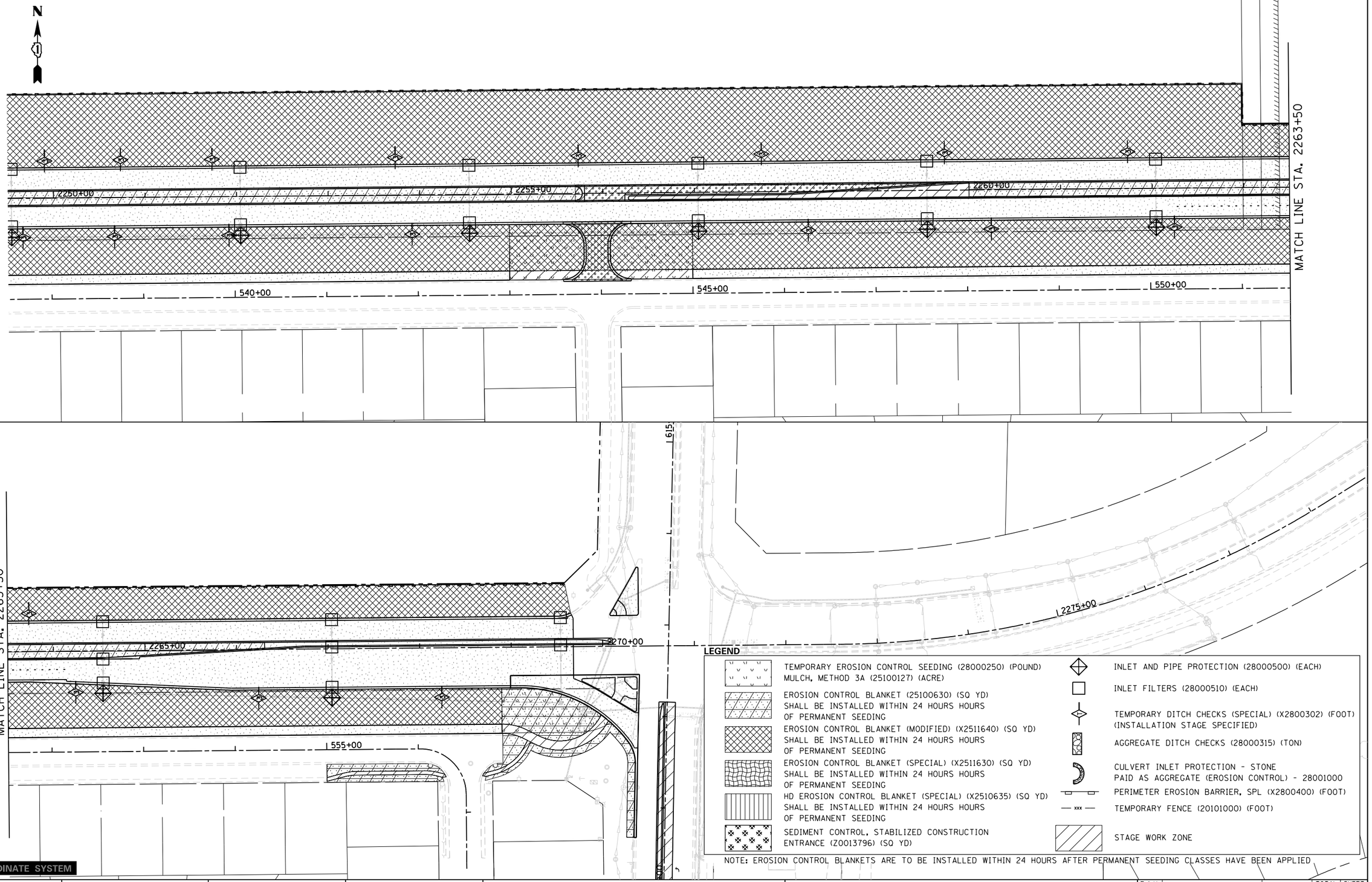
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL
LONGMEADOW PARKWAY
STAGE 5

SCALE: 1"=50' | SHEET 1 OF 2 SHEETS | STA. - TO STA. 2221+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	108
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



LEGEND

- TEMPORARY EROSION CONTROL SEEDING (28000250) (POUND) MULCH, METHOD 3A (25100127) (ACRE)
- EROSION CONTROL BLANKET (25100630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (MODIFIED) (X2511640) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- EROSION CONTROL BLANKET (SPECIAL) (X2511630) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- HD EROSION CONTROL BLANKET (SPECIAL) (X2510635) (SQ YD) SHALL BE INSTALLED WITHIN 24 HOURS HOURS OF PERMANENT SEEDING
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE (Z0013796) (SQ YD)
- INLET AND PIPE PROTECTION (28000500) (EACH)
- INLET FILTERS (28000510) (EACH)
- TEMPORARY DITCH CHECKS (SPECIAL) (X2800302) (FOOT) (INSTALLATION STAGE SPECIFIED)
- AGGREGATE DITCH CHECKS (28000315) (TON)
- CULVERT INLET PROTECTION - STONE PAID AS AGGREGATE (EROSION CONTROL) - 28001000
- PERIMETER EROSION BARRIER, SPL (X2800400) (FOOT)
- xxx — TEMPORARY FENCE (20101000) (FOOT)
- STAGE WORK ZONE

NOTE: EROSION CONTROL BLANKETS ARE TO BE INSTALLED WITHIN 24 HOURS AFTER PERMANENT SEEDING CLASSES HAVE BEEN APPLIED

LOCAL COORDINATE SYSTEM

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	DRAWN - MPM	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

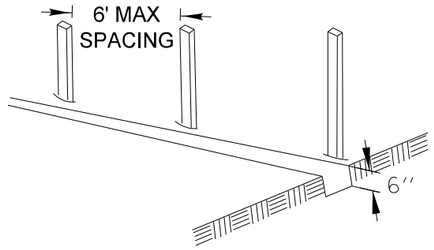
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
STAGE 5

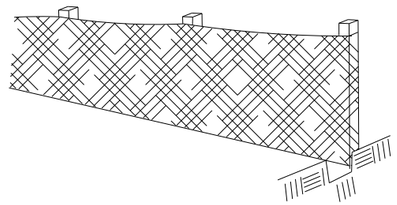
SCALE: 1"=50' | SHEET 2 OF 2 SHEETS | STA. 2249+50 TO STA. 2277+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	109
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

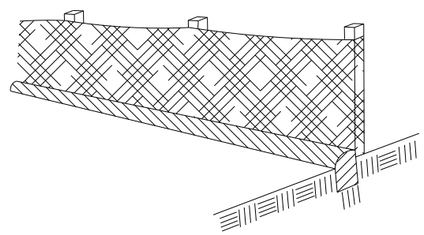
1. SET POSTS AND EXCAVATE OR SLIT-TRENCH A 6-INCH DEEP TRENCH UPSLOPE ALONG THE LINE OF POSTS



2. ATTACH GEOTEXTILE FILTER FABRIC TO EACH POST WITH A MINIMUM OF 3 (THREE) FASTENERS PER POST AND EXTEND FABRIC TO THE BOTTOM OF THE TRENCH

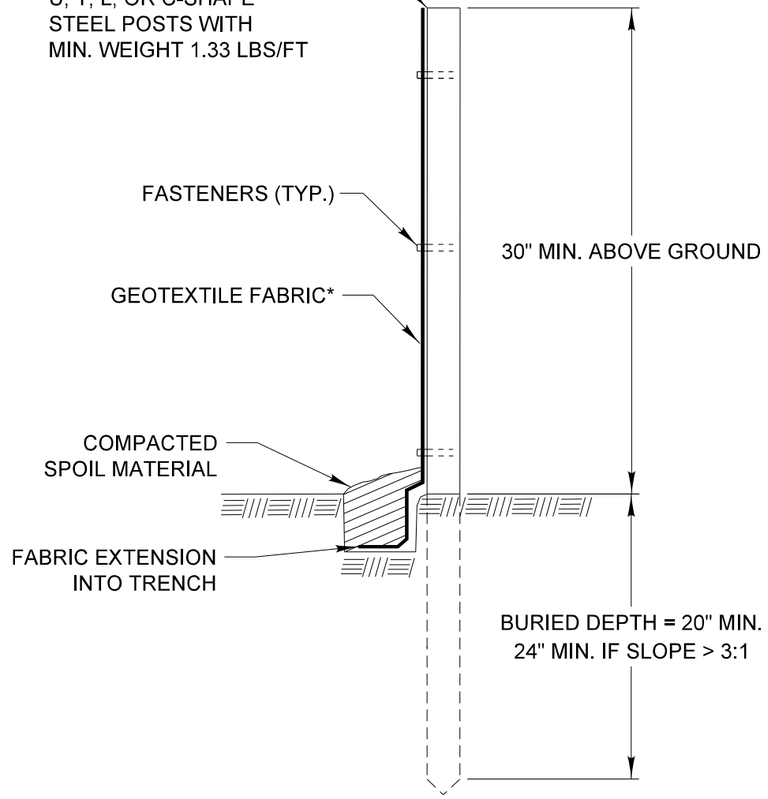


3. BACKFILL AND COMPACT THE EXCAVATED MATERIALS



Requirements	Test Methods	Wire Backed Supported Silt Fence [a]	Unsupported Silt Fence	
			Geotextile Elongation >=50% [b]	Geotextile Elongation <50% [b]
Maximum Post Spacing		4 feet	4 feet	6 feet
Grab Strength	ASTM D 4632			
Machine direction		90 lbs	124 lbs	124 lbs
X-Machine direction		90 lbs	100 lbs	100lbs
Permittivity [c]	ASTM D 4491	0.05 sec $^{-1}$	0.05 sec $^{-1}$	0.05 sec $^{-1}$
Apparent Opening Size	ASTM D 4751	0.024in maximum average roll value		
Ultraviolet stability (retained strength)	ASTM D 4355	70% after 500 hours of exposure		

POSTS - CHOICE OF:
1.2" X 1.2" NOMINAL HARDWOOD POSTS
2.6" X 2.6" NOMINAL NO.2 SOUTHERN PINE
OR
U, T, L, OR C-SHAPE STEEL POSTS WITH MIN. WEIGHT 1.33 LBS/FT



* NOTE: WIRE SUPPORT, WHERE SPECIFIED
- MIN. 30" HEIGHT
- MIN. 14 GAUGE WIRE
- MIN. 6 HORIZ. WIRES
- MIN. 6" VERTICAL SPACING

SCALE 1" = 1'

PERIMETER EROSION BARRIER, SPECIAL

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC2-sht-esc-details-01.cmt.dgn

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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

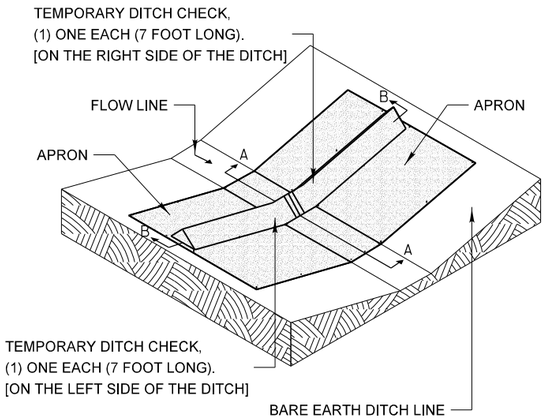
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
DETAILS

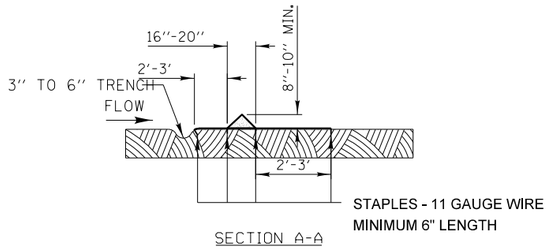
SCALE: N.T.S. | SHEET 1 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	110
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

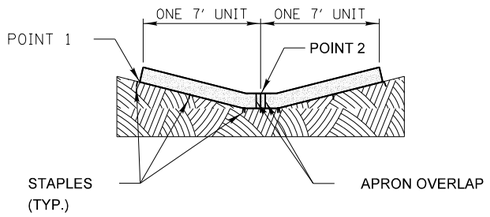
FOR BARE EARTH APPLICATION ONLY



SILT DIKE UNIT
ISOMETRIC



SECTION A-A



SECTION B-B

NOTES:

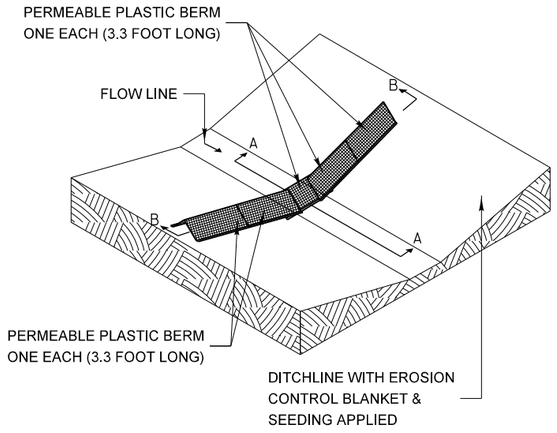
THE TEMPORARY DITCH CHECK SHALL BE USED IN BARE EARTH DITCH LINES AND SHALL BE REMOVED JUST PRIOR TO THE INSTALLATION OF EROSION CONTROL BLANKET AND SEEDING.

THE INSTALLATION SHOWN WILL BE MEASURED AND PAID FOR AS A TEMPORARY DITCH CHECK 14 FEET IN LENGTH.

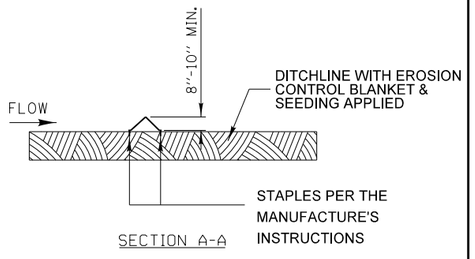
STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAM.

POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

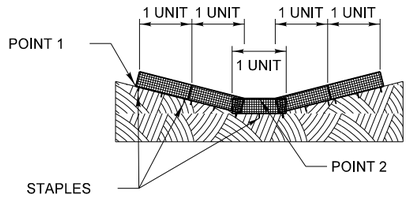
FOR USE WHILE ESTABLISHING FINAL LANDSCAPING



PERMEABLE PLASTIC BERM
ISOMETRIC



SECTION A-A



SECTION B-B

NOTES:

THE PERMEABLE PLASTIC BERM SHALL REPLACE THE TEMPORARY DITCH CHECK AFTER THE INSTALLATION OF EROSION CONTROL BLANKET AND SEEDING.

EACH PERMEABLE PLASTIC BERM IS 3.3 FEET IN LENGTH. THE MINIMUM INSTALLATION IN A DITCH SHALL BE THREE UNITS. THE INSTALLATION SHOWN WILL BE MEASURED AND PAID FOR AS A PERMEABLE PLASTIC BERM 16.5 FEET IN LENGTH (5 UNITS).

STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND ACCORDING TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS THROUGH OR OVER THE BERM AND NOT AROUND THE ENDS.

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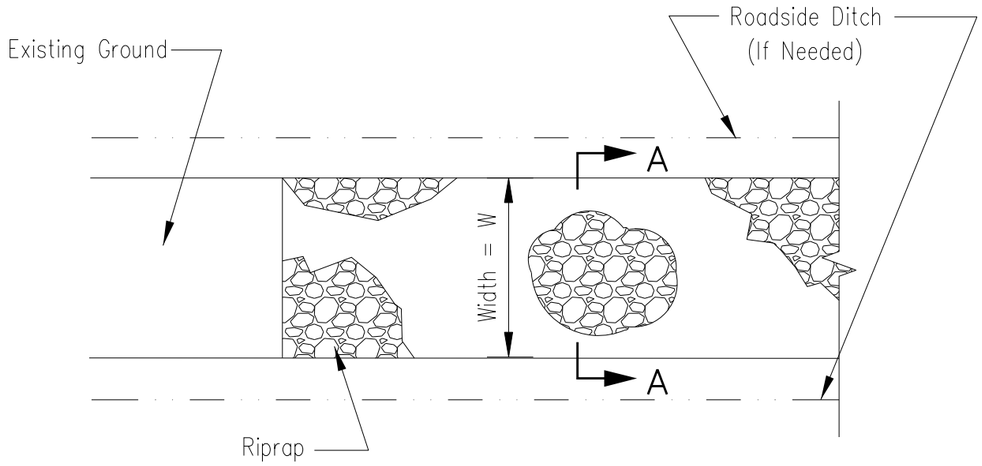
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

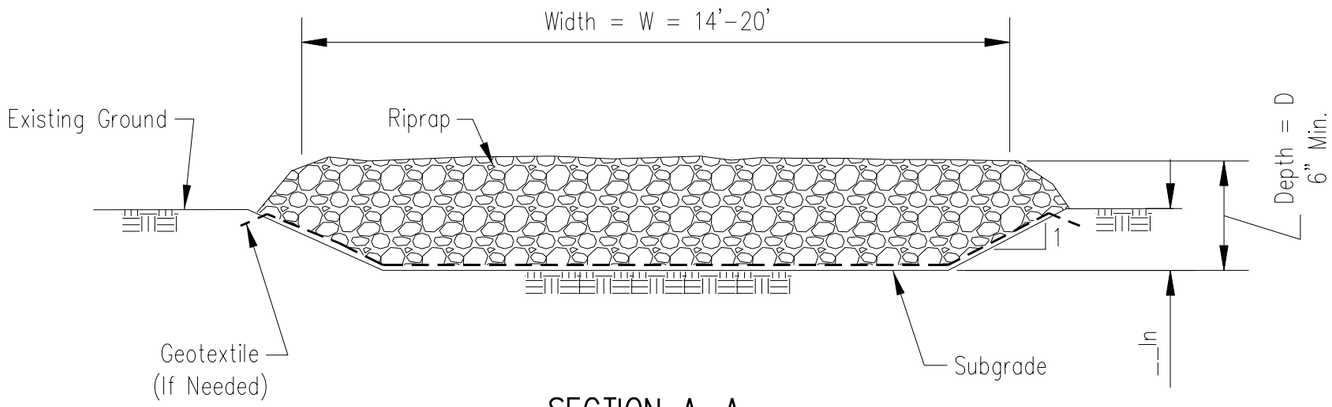
EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
DETAILS

SCALE: N.T.S. | SHEET 2 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	111
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



PLAN VIEW



SECTION A-A

NOTES:

1. Rock shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.
2. See plans for stabilized construction entrance locations ans special provisions for additonal information.
3. Minimum width is 14 feet for one-way traffic and 20 feet for two-way traffic. Two-way traffic widths shall be increased a minimum of 4 feet for trailer traffic. Depending on the type of vehicle or equipment, speed, loads, climatic and other conditions under which vehicles and equipment operate an increase in the minimum widths may be required.
4. Roadway shall follow the contour of the natural terrain to the extent possible.
5. Filter Fabric: The filter fabric shall be made of synthetic polymers composed of at least 85 percent by weight polypropylene, polyesters, polyamides, polyethylene, polyolefins, or polyvinylidene-chlorides. The geotextile shall be free of any chemical treatment or coating that significantly reduces its porosity. Fibers shall contain stabilizers and/or inhibitors to enhance resistance to ultraviolet lights.
6. Any geotextile splices shall overlap a minimum of 18 inches, with upstream or upslope geotextile overlapping the abutting downslope geotextile.

SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE

FILE NAME = L:\KANECD\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC2-sht-esc-details-03.cmt.dgn

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PLOT SCALE = 2.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

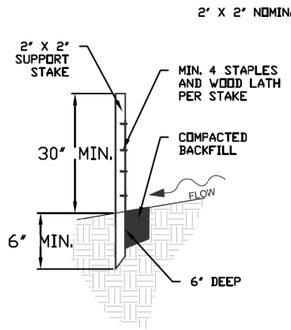
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
DETAILS

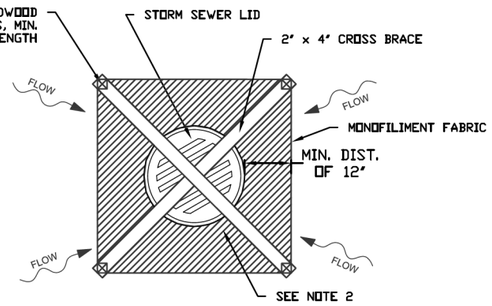
SCALE: N.T.S. | SHEET 3 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	112
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

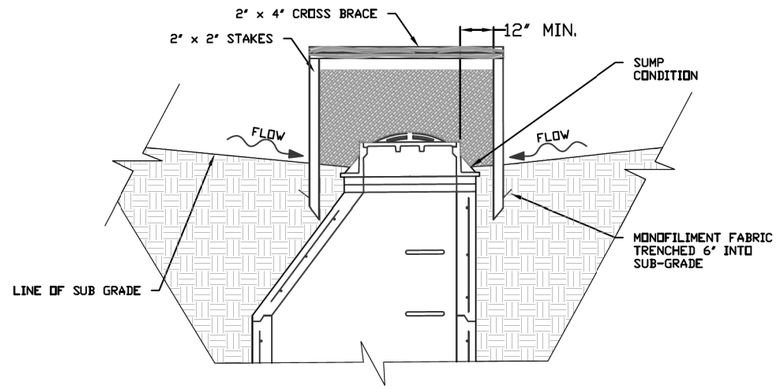
INLET PROTECTION -MONOFILAMENT FABRIC BARRIER FENCE



STAKE DETAIL



PLAN VIEW



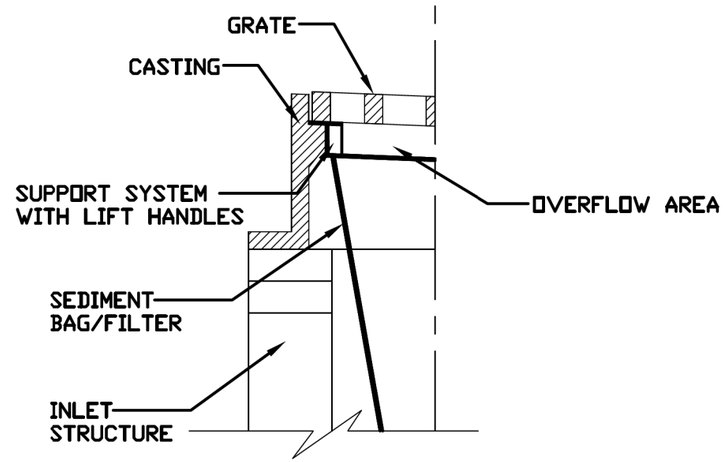
SECTION

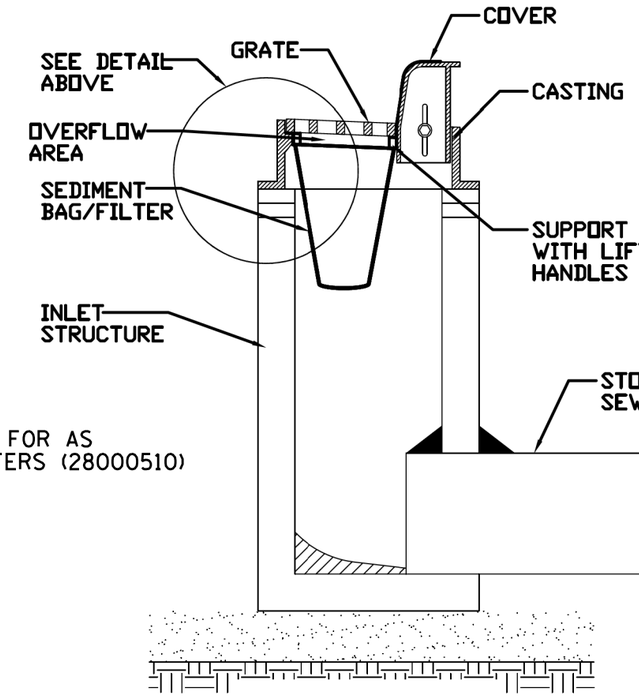
NOTES:

1. 2 x 2 nominal hardwood stakes, 4 foot minimum length, driven into ground approximately 18 inches, stakes driven a minimum width of 12 inches away from the drop inlet.
2. Area inside the fence, from edge of fabric to structure, must be stabilized with Erosion Control Blanket, Turf Reinforcement Mat, Geotextile 592 Table 2 Class 2 or CA-7 stone
3. Maximum height of the fabric above the crest of the drop inlet shall be 30". Place the bottom 6 inches of the fabric in a trench and backfill with 6 inches of 95% compacted soil.
4. Stakes must be a maximum of 4 feet apart.
5. A maintenance schedule must maintain a sediment accumulation of less than 50% of the height of the monofilment fabric.
6. Monofilment fabric shall meet the requirement of Material Specification 592 Geotextile Table 1, Class 4.
7. Monofilliment fabric shall be secured to each 2" x 2" nominal hardwood stake with a minimum of 4 steel staple fasteners and wood lath. Wood lath shall be a minimum length of 10 inches. Wire fasteners should be used if metal T-Posts are installed in place of hardwood stakes.

REFERENCE		STANDARD DWG. NO.
Project		IUM-531
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 04-6-15
Approved ____ Date ____		

INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION





NOTES:

1. ITEM PAID FOR AS INLET FILTERS (28000510)

REFERENCE		STANDARD DWG. NO.
Project		IUM-561D
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 01-11-11
Approved ____ Date ____		

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC2-aht-esc-details-04_cmt.dgn

CMT License No. 184-000613

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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

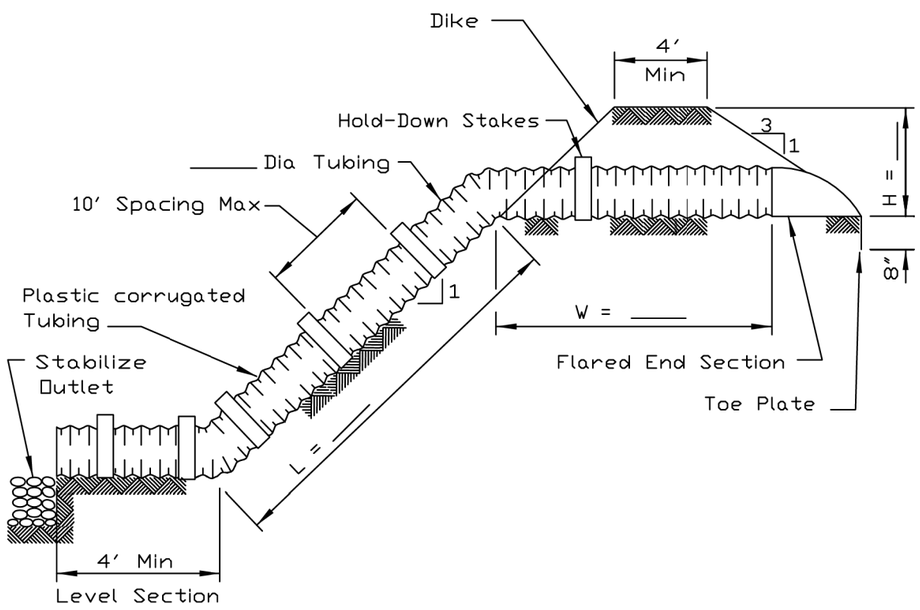
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
DETAILS

SCALE: N.T.S. | SHEET 4 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	113
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

TEMPORARY SLOPE DRAIN PLAN



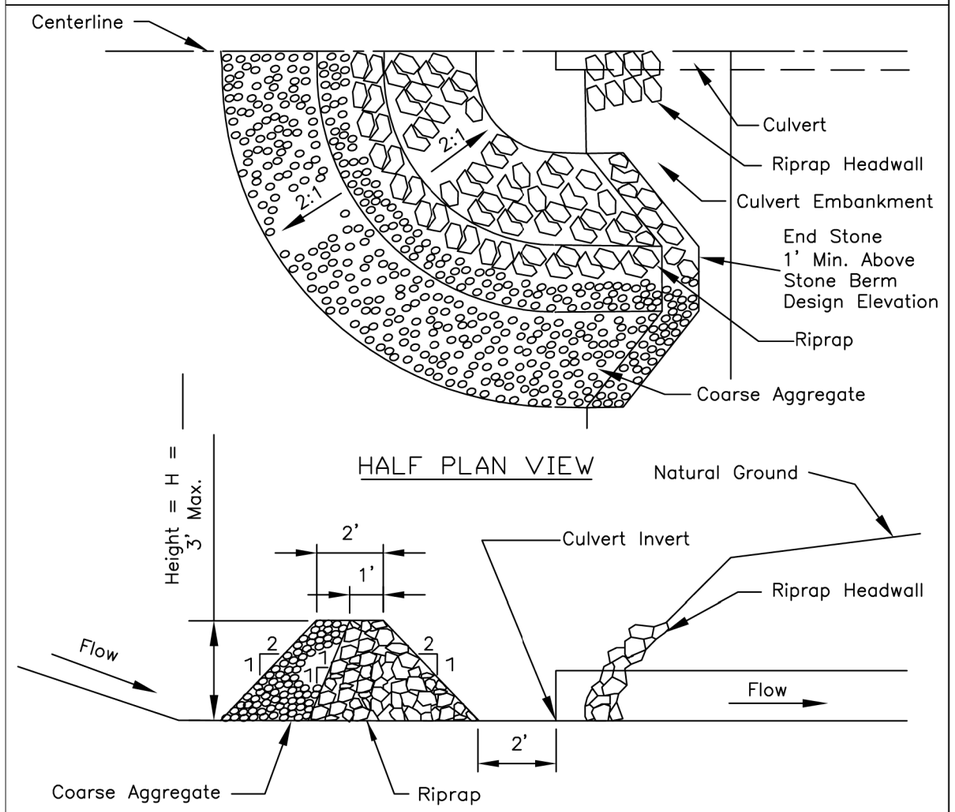
SECTION

NOTES:

1. Conduit material shall be heavy duty flexible material such as non-perforated corrugated plastic tubing or specially designed flexible tubing.
2. The flared end section shall meet the requirements as shown on standard drawing IL-545.
3. The soil material around the pipe shall be hand compacted in 6″ lifts to fill all voids in the tubing corrugations.

REFERENCE			NRCS Natural Resources Conservation Service	STANDARD DWG. NO.
Project				IL-670
Designed		Date		SHEET 1 OF 1
Checked		Date		DATE 9-29-93
Approved		Date		

CULVERT INLET PROTECTION - STONE



CENTERLINE CROSS SECTION

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 one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.
3. Riprap shall meet IDOT gradation RR-3 or RR-4. Any permanent riprap, such as for the culvert headwall, shall meet IDOT Quality Designation A.
4. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
5. The maximum drainage area to the culvert being protected is 3 acres.
6. See plans for H dimension.
7. Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.
8. Paid for as AGGREGATE (EROSION CONTROL). See plans for locations.

REFERENCE			NRCS Natural Resources Conservation Service	STANDARD DWG. NO.
Project				IL-508ST
Designed		Date		SHEET 1 OF 1
Checked		Date		DATE 1-29-99
Approved		Date		

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CMT License No. 184-000613

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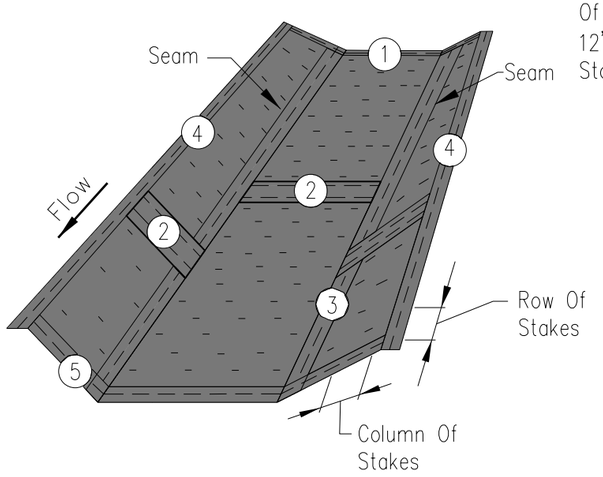
	DRAWN - JMS	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

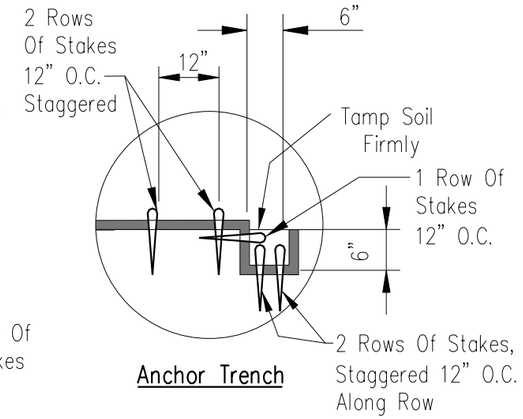
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
DETAILS

SCALE: N.T.S. | SHEET 5 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	114
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

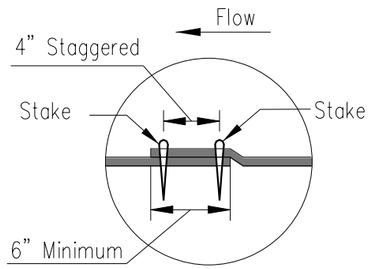




DETAIL 1

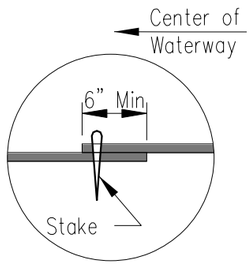
NOTES:

1. The erosion control blanket consists of a machine produced mat as specified in the special provisions. Ensure that the product is new and unused, and is furnished in rolls. Alternative materials meeting the requirements may be used upon approval by the Engineer.
2. Prepare soil prior to installing erosion control blanket, including seeding and fertilizing.
3. The erosion control blanket is to be placed in firm contact with the soil and not be allowed to bridge over surface irregularities. The blanket can not be stretched.
4. Install the erosion control blanket according to manufacturer's instructions. If no manufacturer's instructions are available, install the blanket as follows:
   a. Substitute 12" degradable stake for "U" shaped staples.
   b. Bury upstream end of blanket in a trench 6 inch wide by 6 inch deep and staked 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 stakes 4 inches apart, as shown in Detail 2.
   d. Overlap blankets on side slopes a minimum 6 inches over the blanket below (shingle style). Stake overlap at 12 inch intervals. See Detail 3.
   e. Stake the outer edge along sides of the blanket every 12 inches. See Detail 4.
   f. Stakes 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 are to be staked with a double row of staggered stakes 12 inches apart. See Detail 5.
5. Start laying the blankets by rolling center blanket in the direction of flow, centered on the centerline of waterway. No overlap of blankets at the center of the waterway.



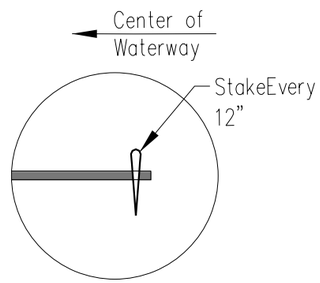
Blanket Roll End Overlap

DETAIL 2



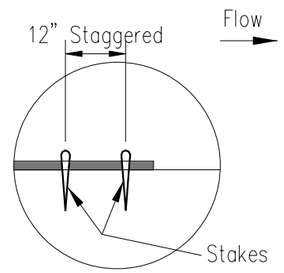
Blanket Side Overlap

DETAIL 3



Blanket Side Edge

DETAIL 4



Terminal End

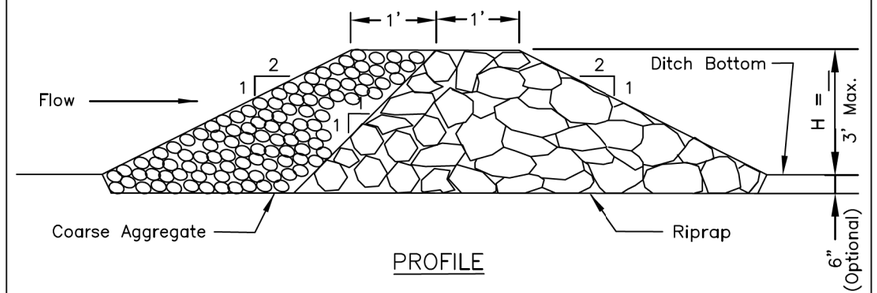
DETAIL 5

EROSION CONTROL BLANKET INSTALLATION DETAILS

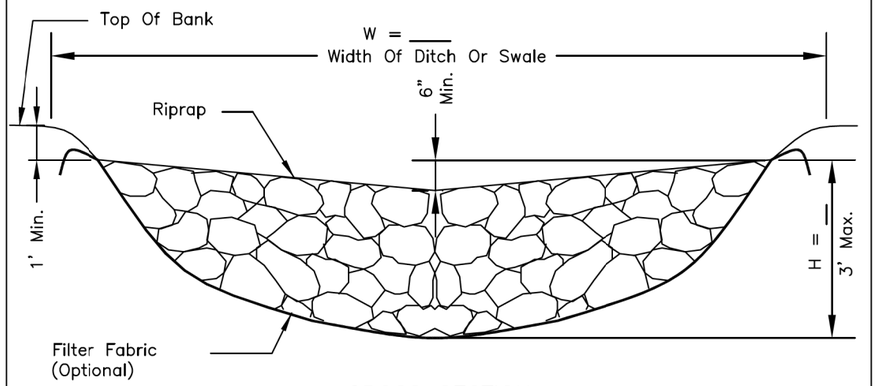
CMT License No. 184-000613	USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL PLAN LONGMEADOW PARKWAY DETAILS
		DRAWN - JMS	REVISED -		
	PLOT SCALE = 2.0000 ' / in.	CHECKED - KDF	REVISED -		SCALE: N.T.S. SHEET 6 OF 9 SHEETS STA. TO STA.
	PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	115
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

ROCK CHECK DAM - RIPRAP



PROFILE



CROSS SECTION
CENTERLINE LOOKING DOWNSTREAM

NOTES;
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II, or IV and shall be placed over the cleared area prior to the placing of rock.
2. Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4.
3. Riprap shall meet IDOT gradation RR-3 or RR-4 and meet Quality Designation A.
4. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
5. For added stability, the base of the dam may be keyed 6 inches into the soil.
6. See plans for spacing of dams and H dimensions.
7. Maximum drainage area to each dam is 10 acres.
8. ROCK CHECK DAM-COARSE AGGREGATE IL-605CA may be used for drainage areas under 2 acres.

REFERENCE	NRCS	STANDARD DWG. NO.
Project	Natural Resources Conservation Service	IL-605R
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 1-29-99
Approved ____ Date ____		

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 AS "AGGREGATE DITCH CHECKS".
7. PAID FOR AS AGGREGATE DITCH CHECKS

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-esc-details-07.cmt.dgn

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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

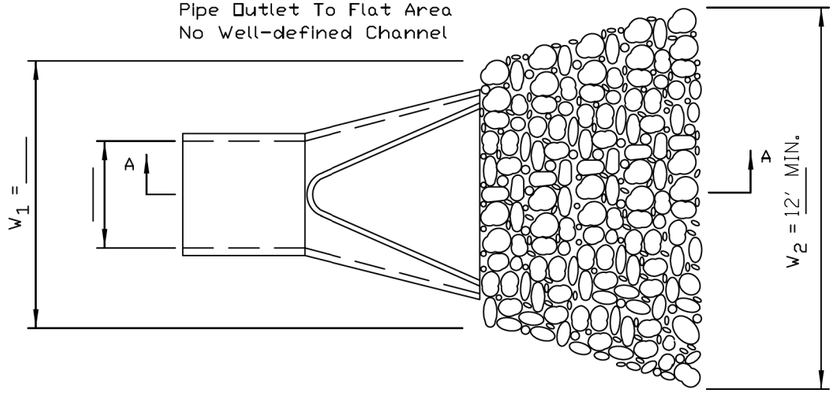
EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
DETAILS

SCALE: N.T.S. | SHEET 7 OF 9 SHEETS | STA. | TO STA.

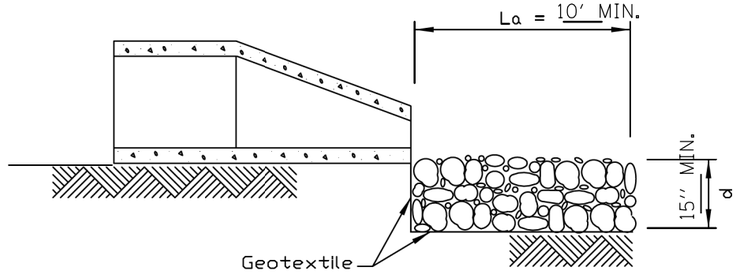
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	116
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

PIPE OUTLET TO FLAT AREA

Pipe Outlet To Flat Area
No Well-defined Channel



PLAN



SECTION A-A

NOTES:
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
2. The rock riprap shall shall meet the IDOT requirements for the following gradation: RR(SEE TABLE), Quality A .
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE			STANDARD DWG. NO.
Project		NRCS Natural Resources Conservation Service	IL-610
Designed	Date		SHEET 1 OF 1
Checked	Date		DATE 9-15-93
Approved	Date		

MINIMUM RIPRAP & FILTER FABRIC DIMENSIONS BY STRUCTURE

STR #	La (FT)	W1 (FT)	W2 (FT)	d (IN)	IDOT GRAD.	HIGH ELEV.	AREA (SQ YD)	STAGE INST.
227	15	3	16	8	RR-3	812	16	2
301	22	9	25	16	RR-4	812	42	4
401	12	3.75	13.25	8	RR-3	812	21	2
421	16	3.75	17.25	8	RR-3			
438	17	6	19	16	RR-4	845	42	3
441	15	3	16	8	RR-3	814	16	4
451	N/A	N/A	N/A	16	RR-4	817	151	2
453	N/A	N/A	N/A	16	RR-4			
452	N/A	N/A	N/A	16	RR-4	817	71	
454	N/A	N/A	N/A	16	RR-4			
461	17	6	19	16	RR-4	824	39	
462	N/A	N/A	N/A	16	RR-4	828	45	
501	17	6	19	16	RR-4	732	24	1
504	22	9	25	16	RR-4	730	42	1
507	N/A	N/A	N/A	16	RR-4	736	13	1
509	N/A	N/A	N/A	16	RR-4	744	56	1

NOTES:

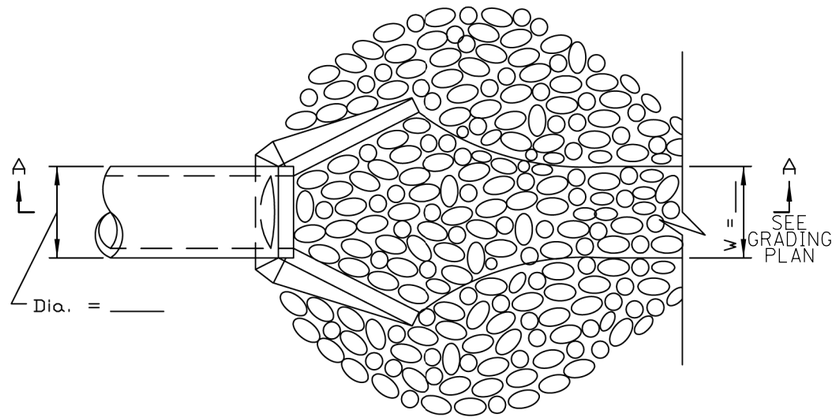
1. ADDITIONAL QUANTITY HAS BEEN PROVIDED TO ALLOW NEARBY RIPRAP AREAS TO BE COMBINED AS SHOWN IN THE PLANS.

2. ALL RR-4 RIPRAP AREAS SHALL INCLUDE A 6 INCH THICK BEDDING MATERIAL BENEATH THE 16 INCH THICK RR-4 STONE. BEDDING MATERIAL SHALL BE ACCORDING TO SECTION 281 OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

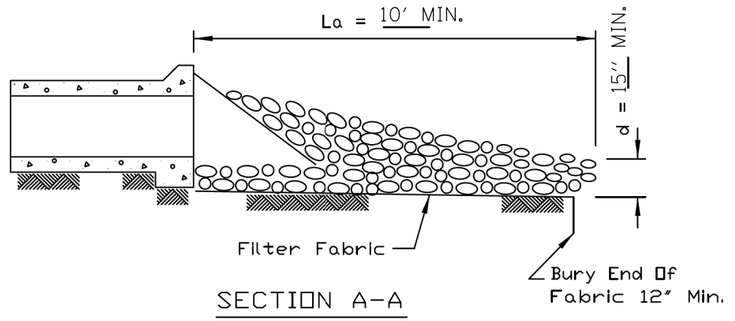
3. ELEVATION GIVEN IN TABLE REFERS TO THE HIGHEST CONTOUR THAT STONE RIPRAP IS FILLED TO AT THE SIDE AND BACK EDGE LIMITS OF RIPRAP AREAS.

PIPE OUTLET TO CHANNEL

Pipe Outlet To Well-Defined Channel



PLAN



SECTION A-A

NOTES:
1. The filter fabric shall meet the requirements in material specification 592 GEOTEXTILE Table 1 or 2, Class I, II or III.
2. The rock riprap shall meet the IDOT requirements for the following gradation (SEE TABLE).
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE			STANDARD DWG. NO.
Project		NRCS Natural Resources Conservation Service	IL-611
Designed	Date		SHEET 1 OF 1
Checked	Date		DATE 8-18-94
Approved	Date		

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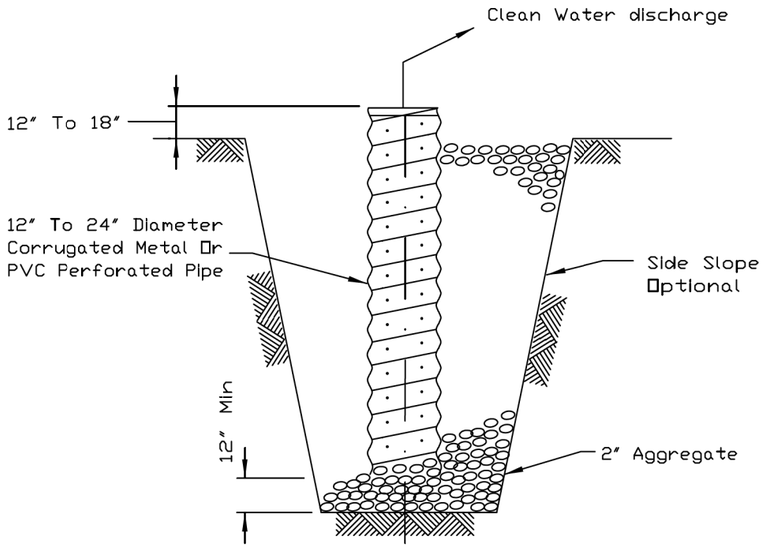
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
DETAILS

SCALE: N.T.S. | SHEET 8 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	117
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

SUMP PIT PLAN

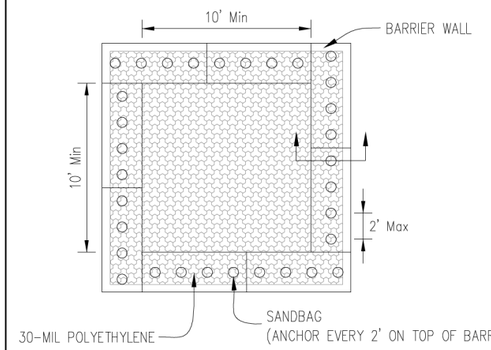


SECTION

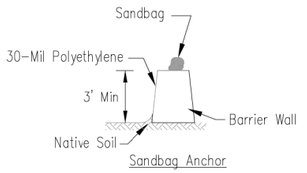
NOTES:
1. Pit dimensions are optional.
2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled 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		STANDARD DWG. NO.
Project	NRCS Natural Resources Conservation Service	IL-650
Designed ____ Date ____		SHEET 1 OF 1
Checked ____ Date ____		DATE 8-11-94
Approved ____ Date ____		

AUTOCAD2006

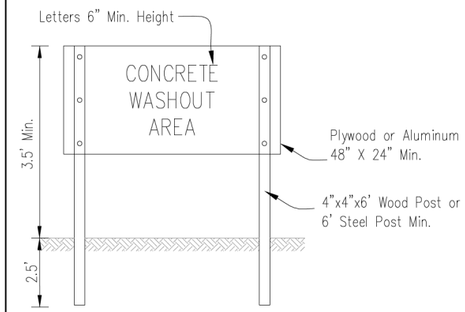


PLAN VIEW



Sandbag Anchor

BARRIER WALL ANCHOR SECTION



SIGN DETAIL

NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardend concrete and/or slurry and returning the faciliities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

Sheet 3 of 3	Drawing No.	File No.		TEMPORARY CONCRETE WASHOUT FACILITY – BARRIER WALL	Date
		IWM-6548W			Designed ____ ____
					Drawn B. JOHNSON 6/08
					Checked ____ ____
					Approved ____ ____

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
LONGMEADOW PARKWAY
DETAILS

SCALE: N.T.S. | SHEET 9 OF 9 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	118
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

PLAN | SURVEYED | PLOTTED | DRAWN | CHECKED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | PLOTTED | DRAWN | CHECKED | BM. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

FOX RIVER

FOX RIVER

2210+00

2215+00

500+00

℄ SANDBLOOM ROAD

EX. ROW

PR. ROW

PR. ROW

PR. ROW

WETLANDS SITE 31
TOTAL WETLANDS = 0.03 AC
IMPACTED WETLAND AREA = 0.01 AC

S237

237

236

S238

238

PIPE UNDERDRAIN, 4" TYP.

2220+00

S232

232

S236

S233

234

S234

S235

235

233

905+00

EX. ROW

505+00

EX. ROW

PR. ROW

℄ BOLZ ROAD

EX. ROW

MATCH LINE STA. 2221+50

N

1"=50'

LOCAL COORDINATE SYSTEM

K = 97
560.00' V.C.

+58.21' EL. 765.32

+20.00 EL. 764.85

232

PROPOSED PGL

-0.75%

INV=759.64 (N,S)

INV=759.39 (E)

18" CL A S.S
290 LF @ 0.51%

EXISTING GROUND AT ℄

-0.75%

+5.00%

VPI STA. 2221+00.00
ELEVATION 762.75

MATCH LINE 2221+50

770 765 760 755 750 745 740 735 730

EX ELEV AT CL
PR ELEV AT PGL

731.37 765.38
735.17 765.00
738.59 764.67
742.10 764.58
745.91 764.74
758.56 765.17
755.07 765.84
763.00 766.78
764.34 767.97

2218+00 2219+00 2220+00 2221+00

NOTES

1. FOR BOLZ ROAD, REFER TO SHEETS 126 TO 128
2. FOR DRAINAGE TABLES, REFER TO SHEETS 132 TO 135

DRAINAGE ITEM DETAILED ON OTHER SHEET
(ITEMS WITHIN AND ADJACENT TO SHADING)

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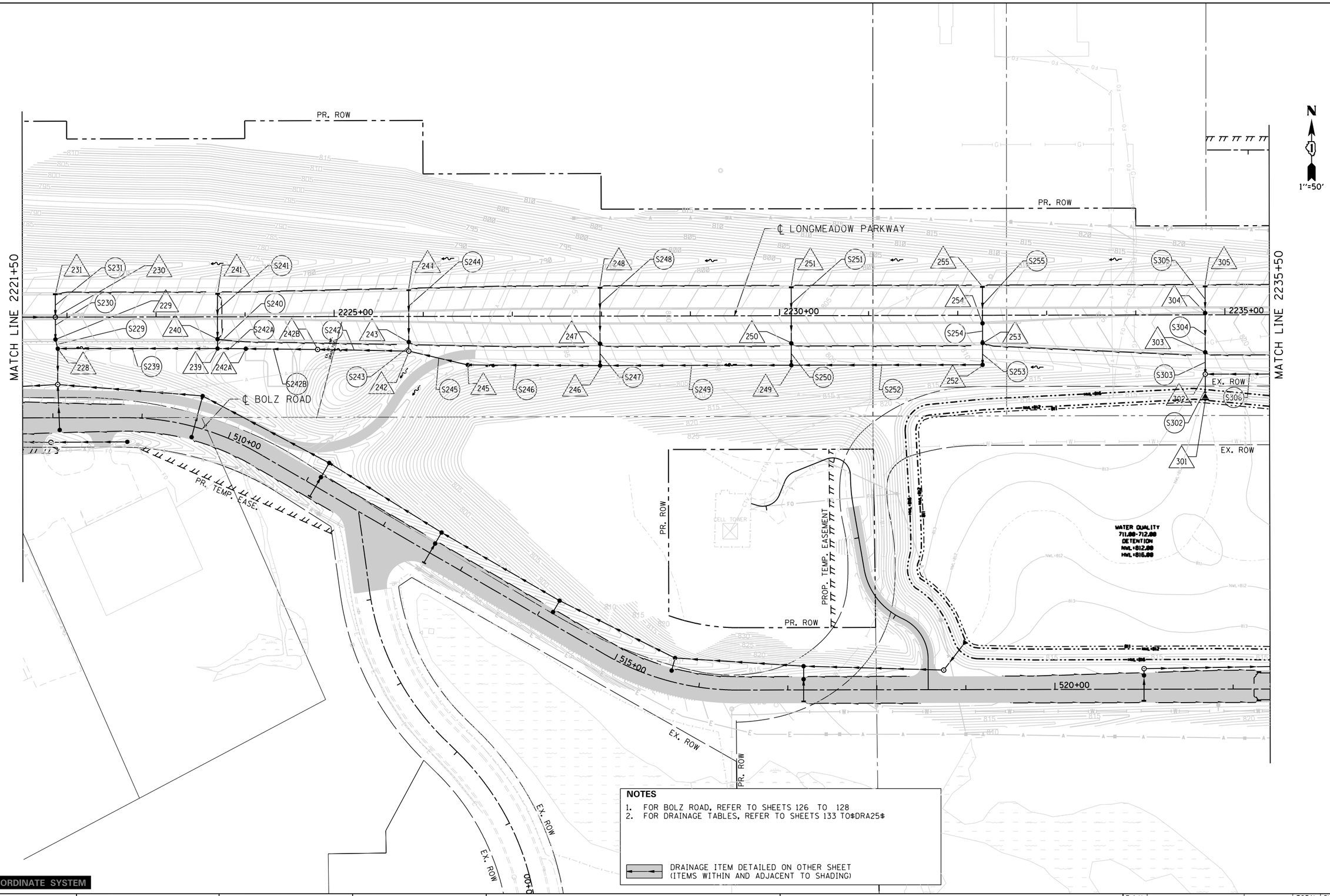
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
LONGMEADOW PARKWAY

SCALE: 1"=50'/5' | SHEET 1 OF 7 SHEETS | STA. 2207+50 TO STA. 2221+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298		KANE	415	119
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		



NOTES

1. FOR BOLZ ROAD, REFER TO SHEETS 126 TO 128
2. FOR DRAINAGE TABLES, REFER TO SHEETS 133 TO$DRA25$

DRAINAGE ITEM DETAILED ON OTHER SHEET
(ITEMS WITHIN AND ADJACENT TO SHADING)

LOCAL COORDINATE SYSTEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

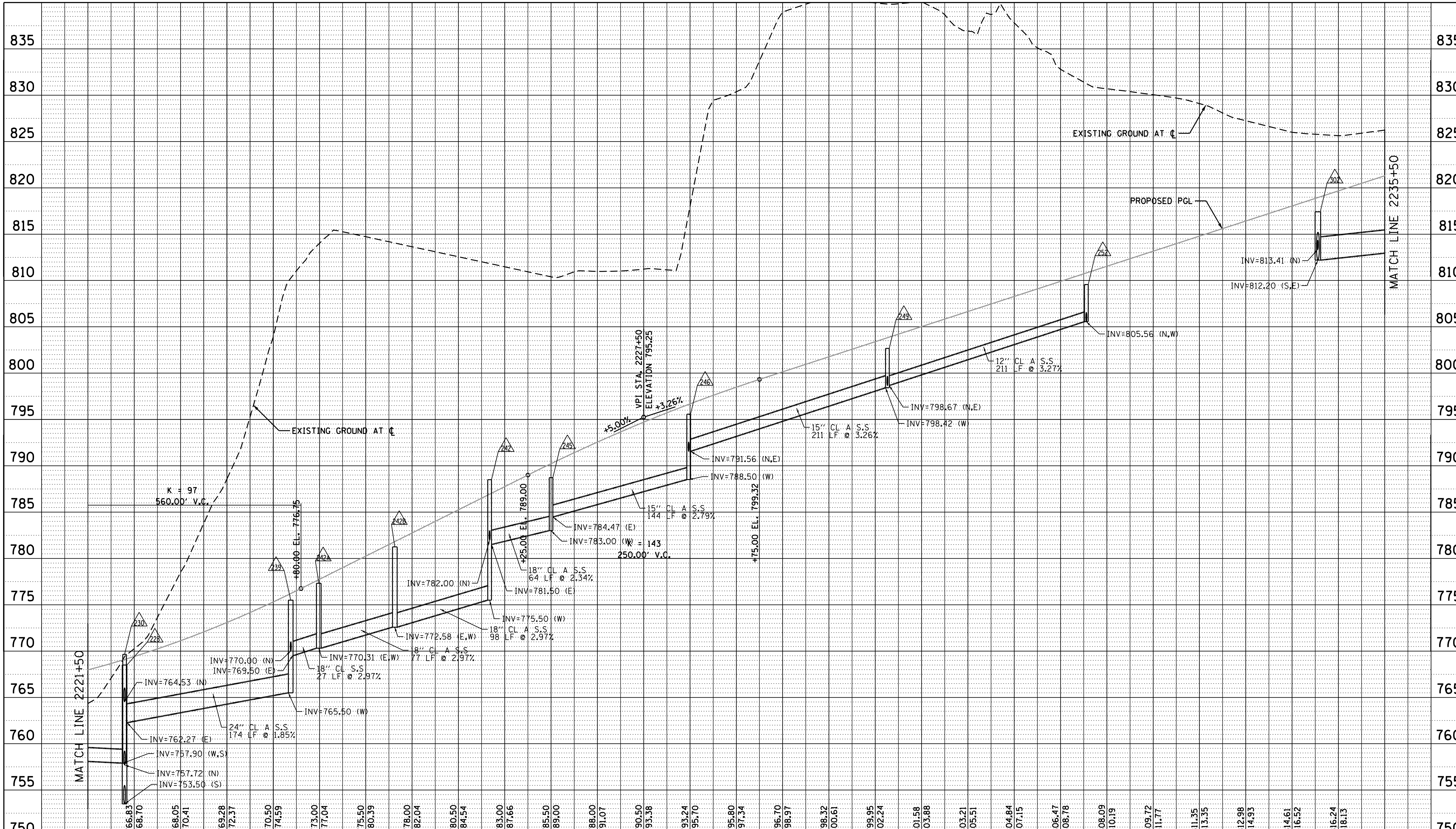
DRAINAGE & UTILITIES
LONGMEADOW PARKWAY

SCALE: 1"=50'/5' | SHEET 2 OF 7 SHEETS | STA. 2221+50 | TO STA. 2235+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	120
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

PLAN			BY	DATE
NOTE BOOK	SURVEYED			
NO.	PLOTTED			
	ALIGNMENT CHECKED			
	RT. OF WAY CHECKED			
	CADD FILE NAME			

PROFILE			BY	DATE
NOTE BOOK	SURVEYED			
NO.	PLOTTED			
	GRADES CHECKED			
	B.M. NOTED			
	STRUCTURE NOTAT'NS CH'KD			



	EX ELEV AT CL	PR ELEV AT PGL
	764.34	767.97
2222+00	770.25	769.42
	778.49	771.12
2223+00	788.58	773.08
	803.89	775.30
2224+00	814.02	777.75
	814.72	780.25
2225+00	813.64	782.75
	812.56	785.25
2226+00	811.48	787.75
	810.40	790.23
2227+00	810.98	792.56
	811.22	794.71
2228+00	818.02	796.68
	830.38	798.49
2229+00	838.98	800.14
	840.23	801.76
2230+00	839.95	803.39
	840.08	805.02
2231+00	836.91	806.65
	837.81	808.28
2232+00	832.79	809.91
	830.69	811.53
2233+00	830.05	813.16
	829.09	814.79
2234+00	827.25	816.42
	826.00	818.05
2235+00	825.64	819.68
	826.23	821.30

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
LONGMEADOW PARKWAY

SCALE: 1"=50'/5' | SHEET 3 OF 7 SHEETS | STA. 2221+50 TO STA. 2235+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	121
		CONTRACT NO. 61G02		

ILLINOIS FED. AID PROJECT

PR. TEMP. EASEMENT

STA. 2237+51.35 LONGMEADOW PARKWAY =
STA. 704+20.20 BOLZ ROAD CONNECTOR

℄ PROP. LONGMEADOW PARKWAY

PR. ROW

EX. ROW

MATCH LINE 2235+50

MATCH LINE 2249+50

704+00

2240+00

2245+00

535+00

530+00

700+00

525+00

℄ BOLZ ROAD
(SEE SHEETS 126 TO 128)

AMARILLO DRIVE

℄ BOLZ ROAD

N

1"=50'

NOTES

1. FOR BOLZ ROAD, REFER TO SHEETS 126 TO 128
2. FOR DRAINAGE TABLES, REFER TO SHEETS 133 TO $DRA25$

DRAINAGE ITEM DETAILED ON OTHER SHEET
(ITEMS WITHIN AND ADJACENT TO SHADING)

LOCAL COORDINATE SYSTEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
LONGMEADOW PARKWAY

SCALE: 1"=50'/5' | SHEET 4 OF 7 SHEETS | STA. 2235+50 TO STA. 2249+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	122
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

PLAN

	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK		
NO.		

PROFILE

	BY	DATE
SURVEYED		
PLOTTED		
CROSS SECTIONS CHECKED		
BM. NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK		
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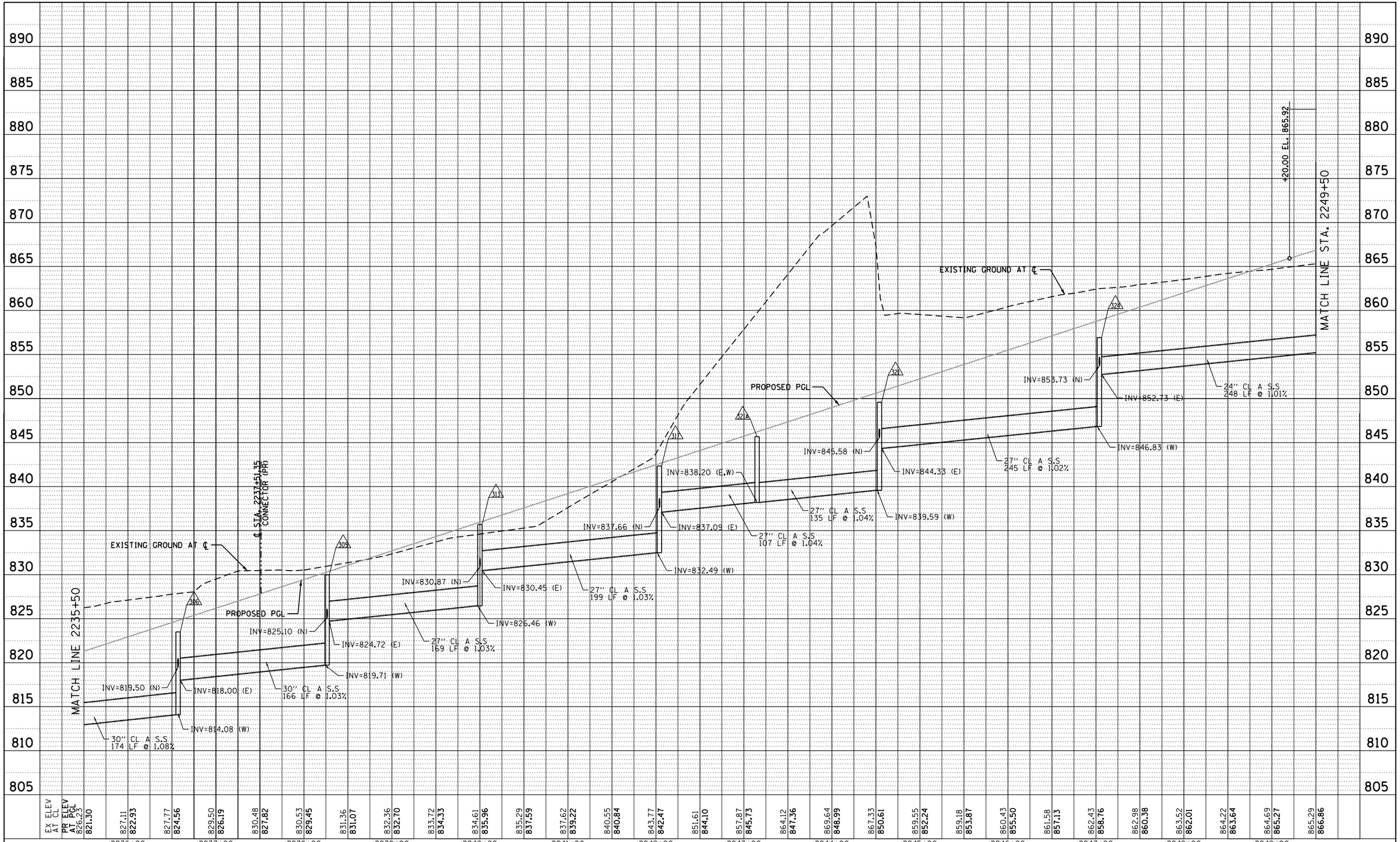

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
LONGMEADOW PARKWAY

SCALE: 1"=50'/5' | SHEET 5 OF 7 SHEETS | STA. 2235+50 TO STA. 2249+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	123
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

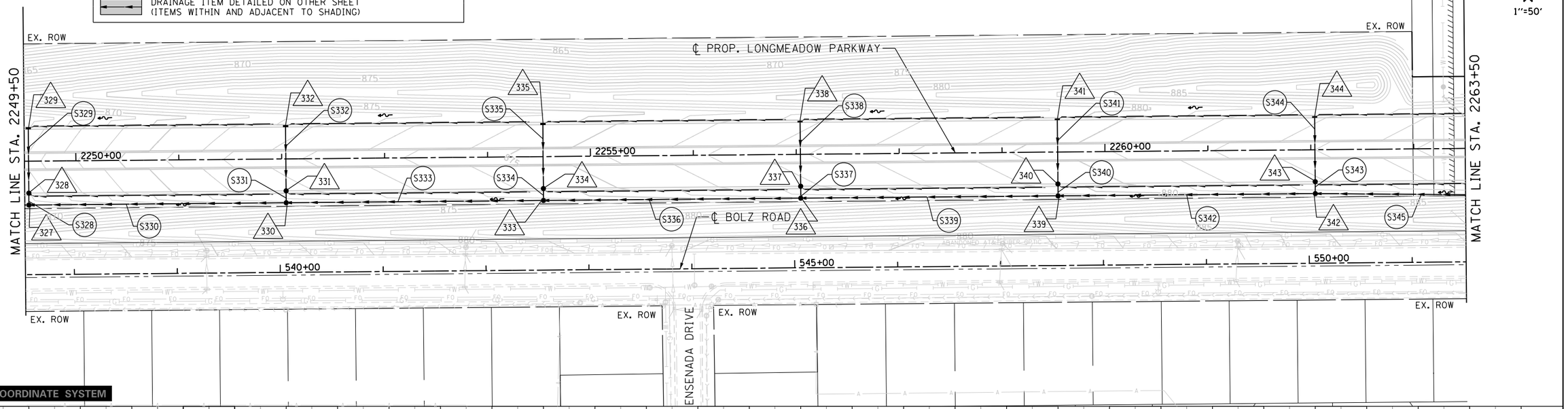
NOTES

1. FOR DRAINAGE TABLES, REFER TO SHEETS 133 TO DRA25

DRAINAGE ITEM DETAILED ON OTHER SHEET
(ITEMS WITHIN AND ADJACENT TO SHADING)

N

1"=50'



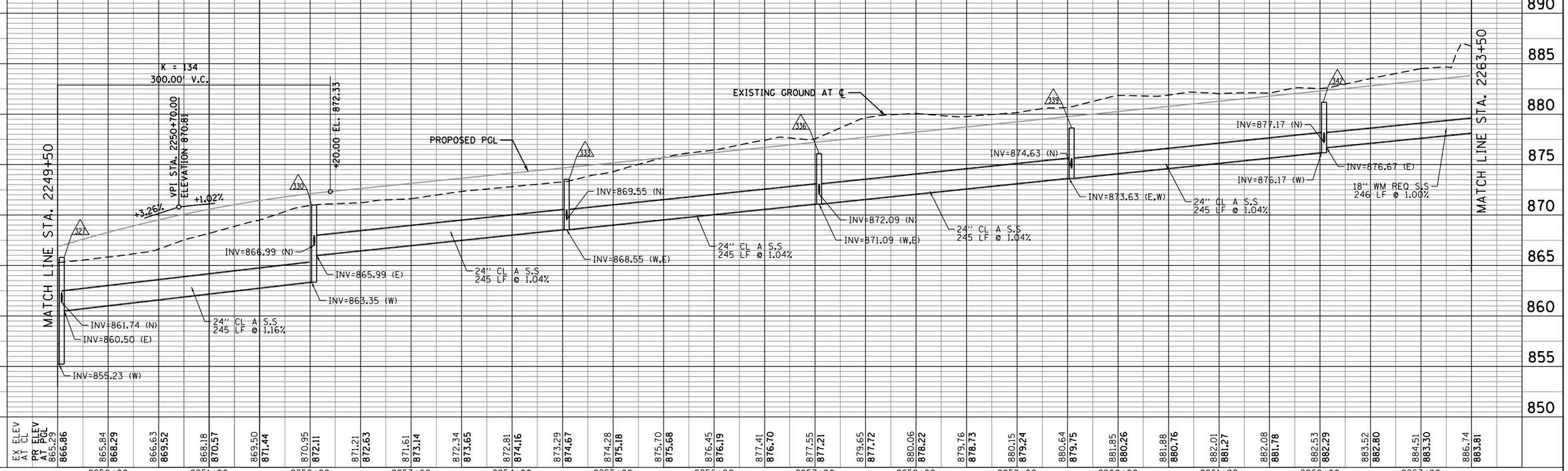
LOCAL COORDINATE SYSTEM

PLAN

SURVEYED	BY
PLOTTED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
CADD FILE NAME	
NOTE BOOK	
NO.	

PROFILE

SURVEYED	BY
PLOTTED	
GRADES CHECKED	
BM. NOTED	
STRUCTURE NOTATNS CHKD	
NOTE BOOK	
NO.	



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
LONGMEADOW PARKWAY

SCALE: 1"=50'/5' | SHEET 6 OF 7 SHEETS | STA. 2249+50 TO STA. 2263+50

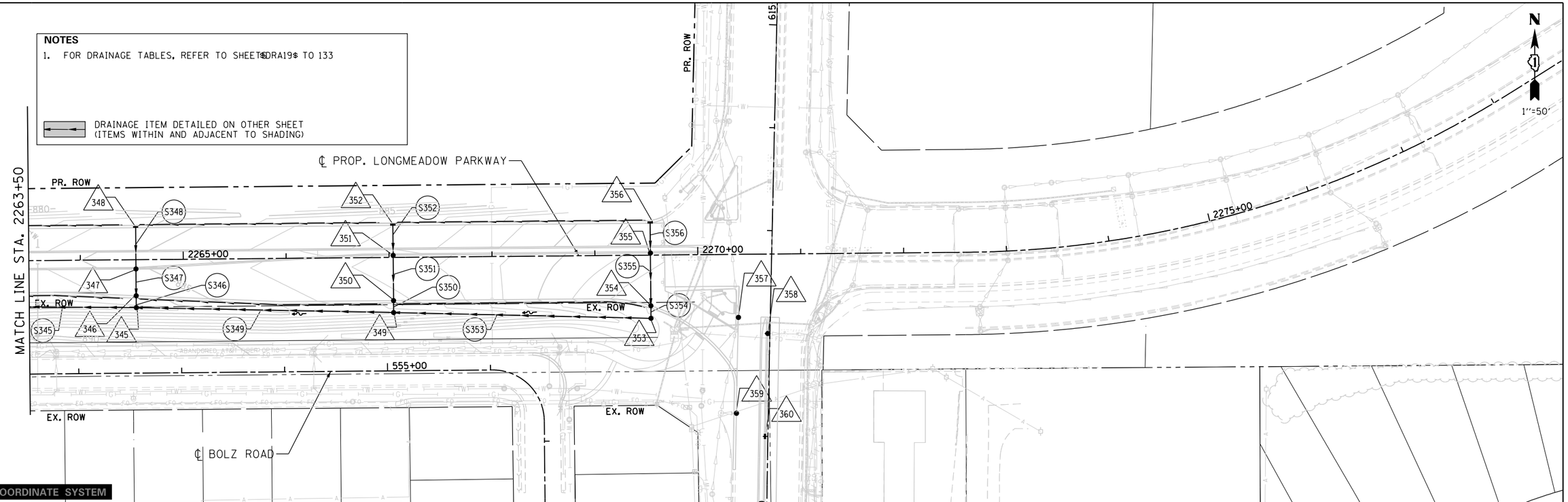
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298		KANE	415	124
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

NOTES

1. FOR DRAINAGE TABLES, REFER TO SHEETS DRA19 TO 133

DRAINAGE ITEM DETAILED ON OTHER SHEET
(ITEMS WITHIN AND ADJACENT TO SHADING)



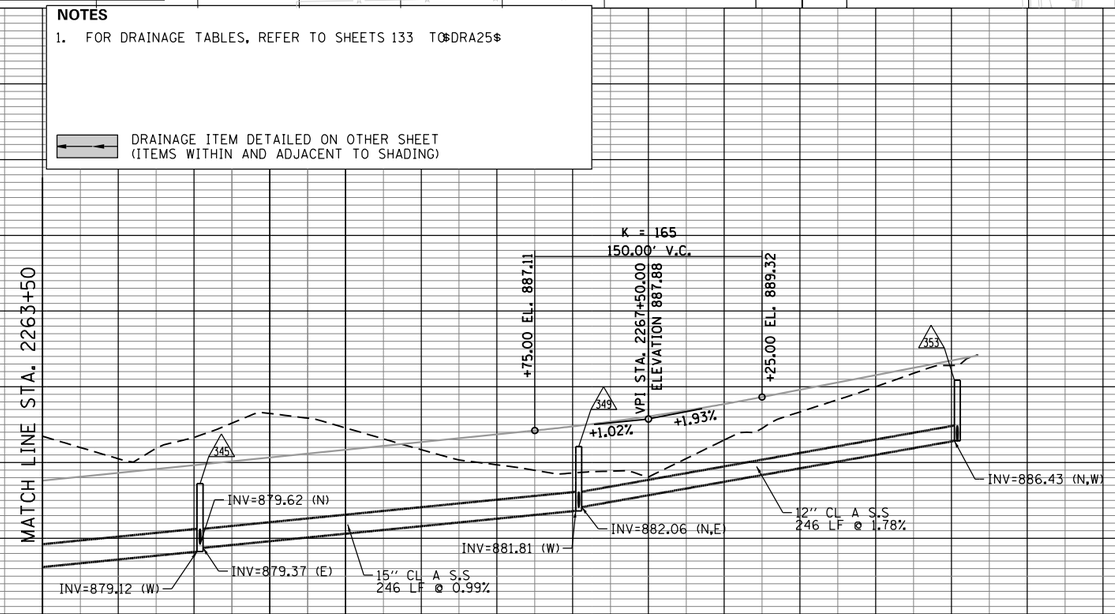
LOCAL COORDINATE SYSTEM

PROFILE
SURVEYED
PLOTTED
CURVES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

NOTES

1. FOR DRAINAGE TABLES, REFER TO SHEETS 133 TO DRA25

DRAINAGE ITEM DETAILED ON OTHER SHEET
(ITEMS WITHIN AND ADJACENT TO SHADING)



	EX ELEV AT CL	PR ELEV AT PGL
2264+00		883.81
2265+00	885.25	884.32
2266+00	886.65	884.83
2267+00	888.24	885.34
	887.29	885.84
2268+00	885.85	886.35
2269+00	884.85	886.86
2270+00	884.31	887.39
2271+00	884.05	888.05
2272+00	886.48	888.86
2273+00	888.34	889.80
2274+00	890.00	890.77
2275+00	891.41	891.73
2276+00		
2277+00		

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USER NAME = Jeff Sedig	DESIGNED - (BLA)	REVISED -
	DRAWN - (BLA)	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - (BLA)	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
LONGMEADOW PARKWAY

SCALE: 1"=50'/5' | SHEET 7 OF 7 SHEETS | STA. 2263+50 | TO STA. 2277+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298		KANE	415	125
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

PR. ROW
℄ LONGMEADOW PARKWAY
2215+00
2220+00
2225+00
℄ BOLZ ROAD
505+00
500+00
510+00
PR. ROW
PR. TEMP. EASE.
PR. ROW
℄ SANDBLOOM ROAD
(WILLIAMS ROAD)
℄ OXFORD DRIVE
EX. ROW
EX. ROW
MATCH LINE STA. 513+00

N
1"=50'

NOTES

1. FOR DRAINAGE TABLES, REFER TO SHEETS 133 TO DRA25

DRAINAGE ITEM DETAILED ON OTHER SHEET
(ITEMS WITHIN AND ADJACENT TO SHADING)

NOTE: GRADING AND SHAPING DITCHES PAY ITEM SHALL BE USED TO TIE THE EXISTING DITCHES INTO STRUCTURES 505 AND 505 AT THE NORTH LIMITS OF SANDBLOOM ROAD. IT SHALL ALSO BE USED TO DIRECT DRAINAGE ALONG SANDBLOOM ROAD BENEATH THE BRIDGE TO STRUCTURES 502, 503, 505, & 507. A PLAN QUANTITY OF 200 FOOT OF GRADING AND SHAPING DITCHES IS PROVIDED IN THIS CONTRACT.

WETLANDS & WATERS OF THE U.S SITE 12
TOTAL WETLANDS = 0.06 ac.
TOTAL WOUS = 0.06 ac.
IMPACTED WETLAND AREA = 0.00 ac.
IMPACTED WOUS AREA = 0.02 ac.

LOCAL COORDINATE SYSTEM

EX ELEV AT CL
PR ELEV AT PGL

760 / 755 / 750 / 745 / 740 / 735 / 730 / 725 / 720

735.96 | 737.69 **737.50** | 740.51 **738.83** | 743.37 **741.36** | 746.25 **744.81** | 749.08 **748.31** | 751.96 **751.81** | 755.16 **755.31** | 758.75 **758.81** | 762.40 **762.31** | 766.53 **765.81** | 770.89 **769.31** | 774.77 **772.81** | 777.95 **776.31** | 780.95 **779.81** | 783.82 **783.31** | 786.35 **786.81** | 788.93 **790.31** | 791.95 **793.81**

504+00 505+00 506+00 507+00 508+00 509+00 510+00 511+00 512+00 513+00

790 / 785 / 780 / 775 / 770 / 765 / 760 / 755 / 750

EXISTING GROUND AT ℄
PROPOSED PGL
K = 20
100.00' V.C.
℄ STA. 504+21.79
SANDBLOOM RD (EX)
737.16
+63.81 EL. 737.78
VPI STA. 505+13.81
ELEVATION 738.78
+63.81 EL. 742.28
+2.00%
+7.00%
INV=722.00 (E)
INV=723.61 (W)
INV=723.61 (E)
36" CL S.S
165 LF @ 1.09%
INV=735.93 (S)
INV=732.98 (E)
INV=725.41 (W)
INV=754.12 (S)
INV=753.12 (N)
INV=753.62 (E)
30" CL S.S
134 LF @ 0.94%
INV=745.75 (E)
INV=747.00 (W)
INV=742.50 (N,S)
36" CL S.S
126 LF @ 1.20%
INV=734.50 (W)
INV=765.25 (S)
18" CL S.S
158LF @ 2.78%
INV=758.00 (W)
INV=765.04 (E)
INV=773.00 (S)
18" CL S.S
156 LF @ 2.53%
INV=769.00 (W)
INV=772.75 (E)
INV=784.80 (S,E)
INV=777.00 (W)
15" CL S.S
144 LF @ 2.95%

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USER NAME = Jeff Sedig	DESIGNED - (BLA)	REVISED -
	DRAWN - (BLA)	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - (BLA)	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
BOLZ ROAD

SCALE: 1"=50'/5' | SHEET 1 OF 3 SHEETS | STA. 504+32.79 TO STA. 513+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298		KANE	415	126
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

MATCH LINE STA. 513+00

PR. ROW

PR. TEMP. EASE.

EX. ROW

PR. ROW

WATERS OF THE U.S. SITE 13
TOTAL WOUS = 1.15 AC
IMPACTED WOUS AREA = 0.01 AC

℄ OXFORD DRIVE

L 515+00

L 520+00

WATER QUALITY
711.88-712.88
DETENTION
NWL=812.88
HWL=816.88

℄ BOLZ ROAD CONNECTOR

PIPE UNDERDRAIN, 4" TYP.

℄ BOLZ ROAD

709+00

L 525+00

MATCH LINE STA. 527+00

WETLANDS &
WATERS OF THE U.S. SITE 13
TOTAL WETLANDS = 0.29 AC
TOTAL WOUS = 1.15 AC
IMPACTED WETLAND AREA = 0.00 AC
IMPACTED WOUS AREA = 0.01 AC

N

1"=50'

LOCAL COORDINATE SYSTEM

EX. ROW

609+00

EX. ROW

PR. ROW

PR. ROW

PR. ROW

NOTES

1. FOR DRAINAGE TABLES, REFER TO SHEETS 133 TO DRA25$

DRAINAGE ITEM DETAILED ON OTHER SHEET
(ITEMS WITHIN AND ADJACENT TO SHADING)

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

K = 51
400.00' V.C.

+00.00 EL. 807.81

VPI STA. 517+00.00
ELEVATION 821.81

+7.00%

0.83%

+00.00 EL. 820.16

EXISTING GROUND AT ℄

PROPOSED PGL

K = 52
120.00' V.C.

+20.00 EL. 817.51

VPI STA. 522+80.00
ELEVATION 817.01

+40.00 EL. 817.91

+1.50%

+1.50%

℄ STA. 524+42.93
CONNECTOR (PR) 454
PIPE CULVERT
INV=815.57 (S)
452
PIPE CULVERT
INV=815.57 (S)

VPI STA. 524+42.93
ELEVATION 819.46

K = 51
200.00' V.C.

+00.00
821.81

VPI STA. 527+00.00
ELEV. 823.31

INV=812.12 (S)

12" CL S.S
152 LF @ 0.62%

INV=812.00 (S)

INV=811.50 (N)

INV=810.50 (W)

INV=809.71 (E,W)

12" CL S.S
141 LF @ 3.02%

INV=805.46 (E,S)

INV=802.00 (W)

12" CL S.S
141 LF @ 4.62%

INV=795.50 (E,S)

12" CL S.S
149 LF @ 3.49%

INV=790.00 (W)

INV=814.08 (E,S)

12" CL S.S
159 LF @ 0.68%

INV=813.00 (W)

INV=812.50 (S)

INV=812.25 (E)

15" CL S.S
103 LF @ 0.21%

INV=812.00 (E)

15" CL S.S
18 LF @ 1.05%

INV=812.25 (E,W)

15" CL S.S
7 LF @ 2.10%

INV=812.40 (E,W)

15" CL S.S
42 LF @ 0.95%

INV=816.39 (E,S)

12" CL S.S
82 LF @ 0.92%

INV=813.50 (E)

INV=814.00 (S)

INV=813.50 (W)

15" CL S.S
65 LF @ 0.77%

INV=813.00 (E,W)

15" CL S.S
19 LF @ 1.07%

INV=812.80 (E,W)

12" CL S.S
108 LF @ 3.07%

INV=814.25 (W)

	825	820	815	810	805	800	795	790	785
EX ELEV AT CL									
PR ELEV AT PGL 791.95	793.81	795.34	797.31	799.24	800.81	803.78	804.31	808.37	807.81
	812.59	811.07	816.24	813.84	818.95	816.11	820.78	817.90	823.61
	819.20	825.50	820.01	820.45	820.33	816.63	820.16	815.28	819.75
	817.92	819.33	819.76	818.92	820.66	818.50	821.58	818.09	823.31
	817.68	823.08	817.35	818.25	817.47	816.80	818.06	818.16	818.81
	819.38	819.56	820.27	820.31	817.23	821.06	822.02	821.81	825.85
	822.81	823.48	824.30						

513+00 514+00 515+00 516+00 517+00 518+00 519+00 520+00 521+00 522+00 523+00 524+00 525+00 526+00 527+00

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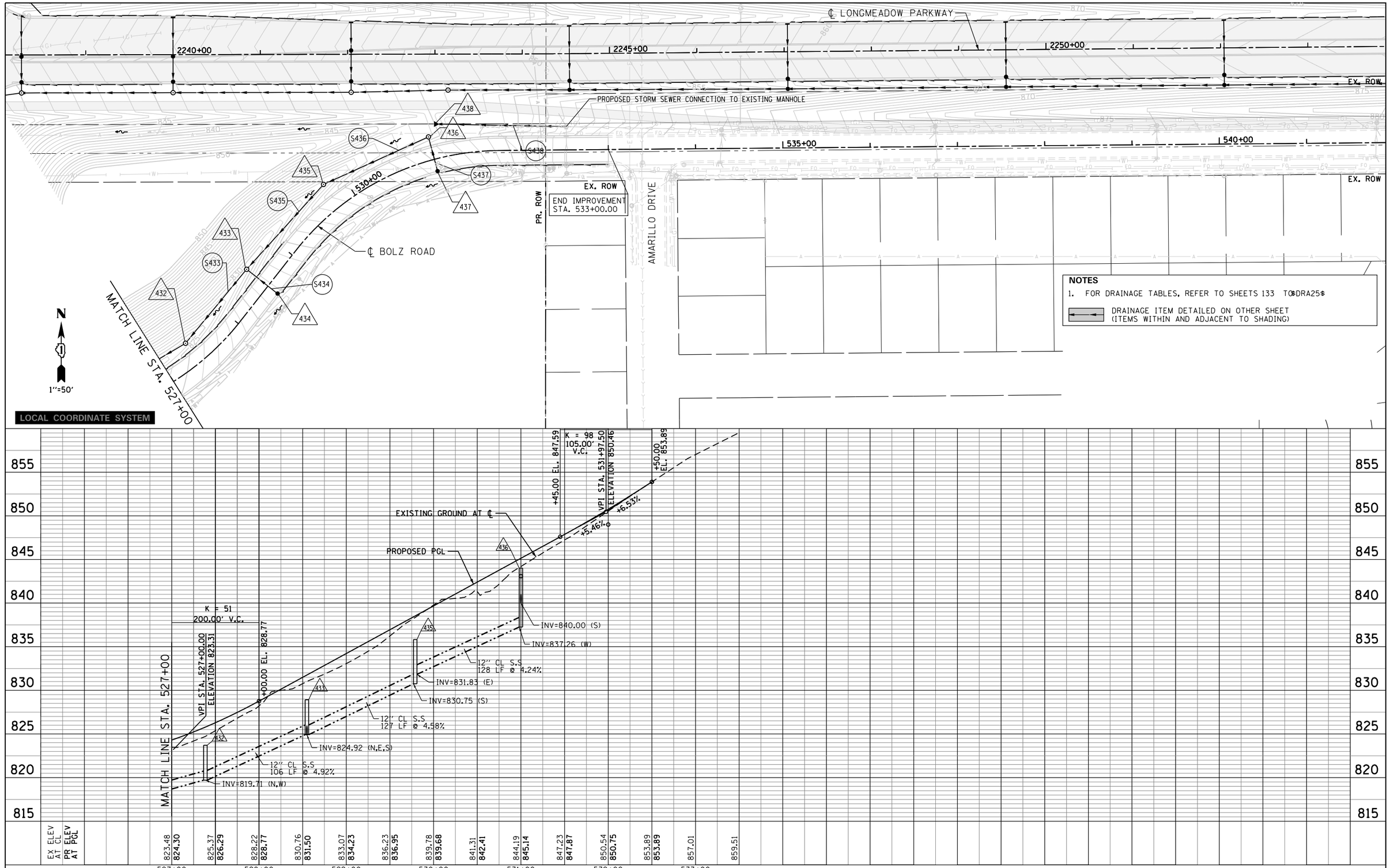
USER NAME = Jeff Sedig	DESIGNED - (BLA)	REVISED -
	DRAWN - (BLA)	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - (BLA)	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
BOLZ ROAD

SCALE: 1"=50'/5' | SHEET 2 OF 3 SHEETS | STA. 513+00 TO STA. 527+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298		KANE	415	127
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



PLAN — SURVEYED | PLOTTED | ALIGNMENT CHECKED | RT. OF WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE — SURVEYED | PLOTTED | GRADES CHECKED | BM. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

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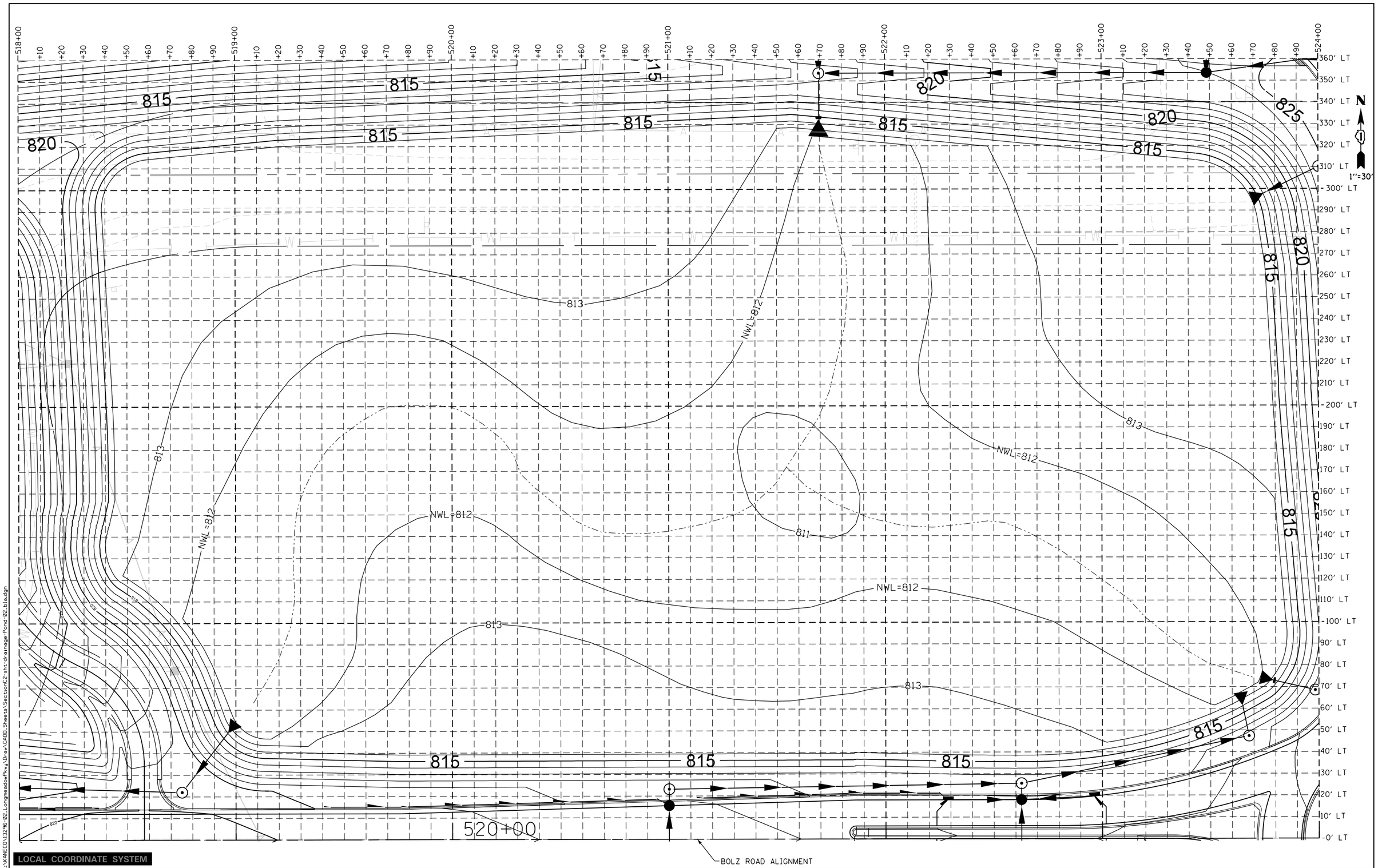
USER NAME = Jeff Sedig	DESIGNED - (BLA)	REVISED -
	DRAWN - (BLA)	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - (BLA)	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
BOLZ ROAD

SCALE: 1"=50'/5' | SHEET 3 OF 3 SHEETS | STA. 527+50 TO STA. 532+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298		KANE	415	128
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



LOCAL COORDINATE SYSTEM

FILE NAME = i:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-drainage-Pond-02.bla.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

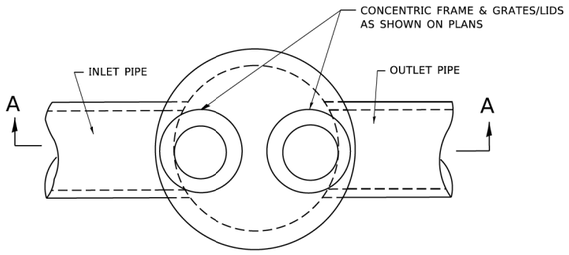
USER NAME = Jeff Sedig	DESIGNED - (BLA)	REVISED -
	DRAWN - (BLA)	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - (BLA)	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

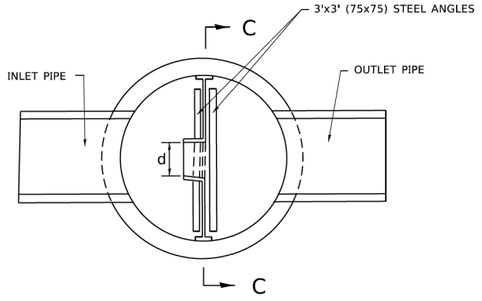
POND GRADING PLAN
LONGMEADOW PARKWAY /BOLZ ROAD /BOLZ CONNECTOR

SCALE: 1"=20' | SHEET 1 OF 1 SHEETS | STA. 518+00 TO STA. 524+00

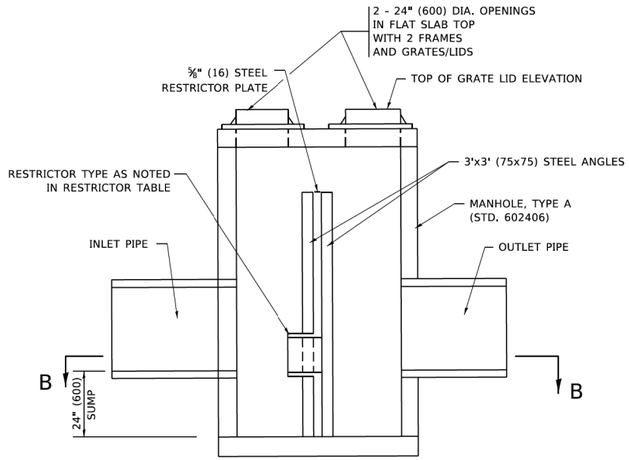
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	129
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



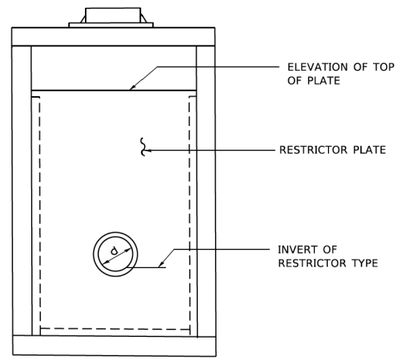
PLAN



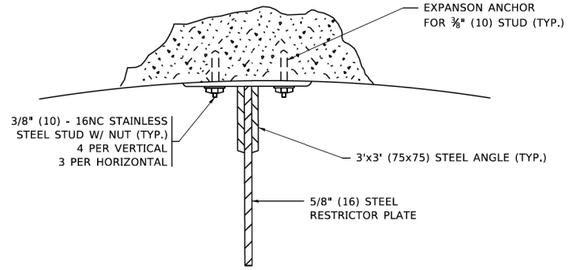
SECTION B–B



SECTION A–A



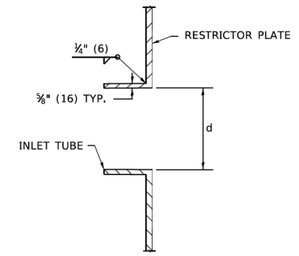
SECTION C–C



ANGLE FASTENER DETAIL

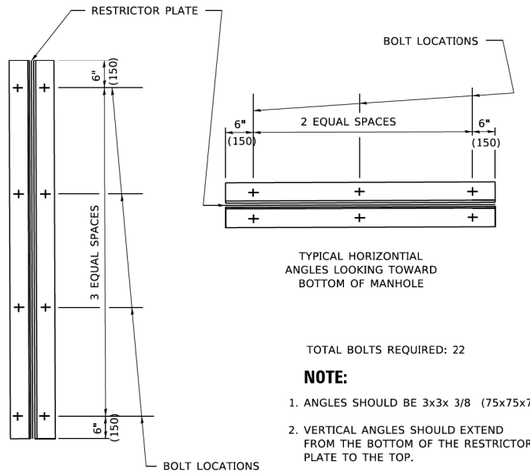
NOTES:

1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
3. BASIS OF PAYMENT: "MANHOLES ,TYPE A, 6 FT, (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



INLET TUBE DETAIL

STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
STR 226	518+75.16 BOLZ	6′	TYPE 1 C.L.	2	3.90″	810.50	816.00



TYPICAL VERTICAL ANGLES
LOOKING TOWARD MANHOLE WALL

TYPICAL HORIZONTIAL
ANGLES LOOKING TOWARD
BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTIAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: ½ TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-½ DIA.	LENGTH: 2-½ DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR
AND SQUARE ORIFICES

STEEL ANGLE BOLTING DETAILS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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USER NAME = JeffSedig	DESIGNED = R. SHAH	REVISED = R. SHAH 10-25-94	
MODEL NAME = Default	DRAWN =	REVISED = E. GOMEZ 08-28-00	
PLOT SCALE = 2.0000 ' / in.	CHECKED =	REVISED = M. GOMEZ 01-08-01	
PLOT DATE = 3/27/2020	DATE = 01/13/2020	REVISED =	

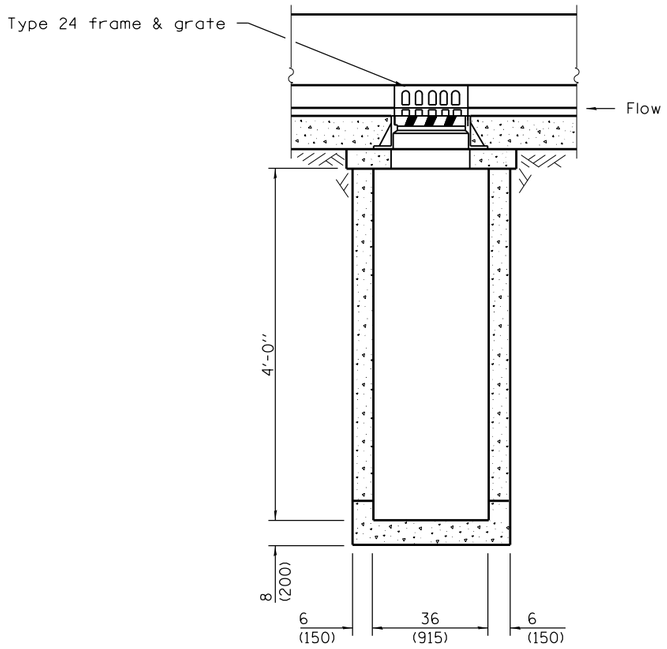
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

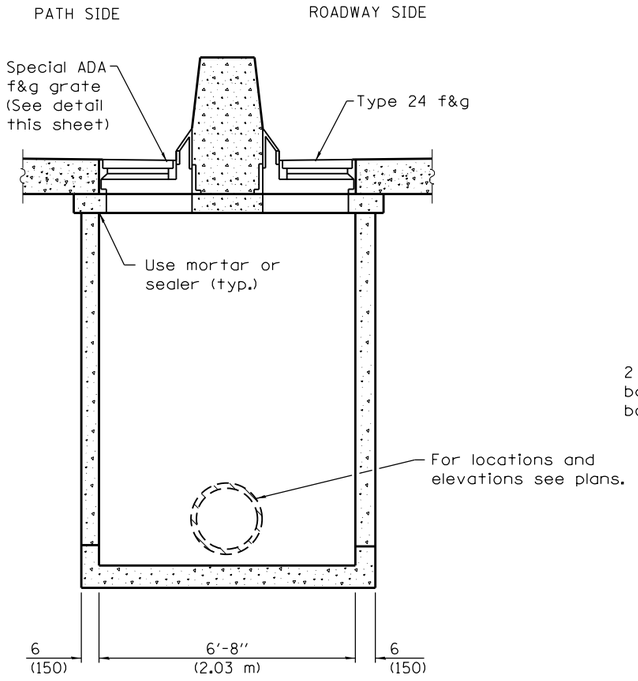
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	130
BD600–04	(BD–12)	CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

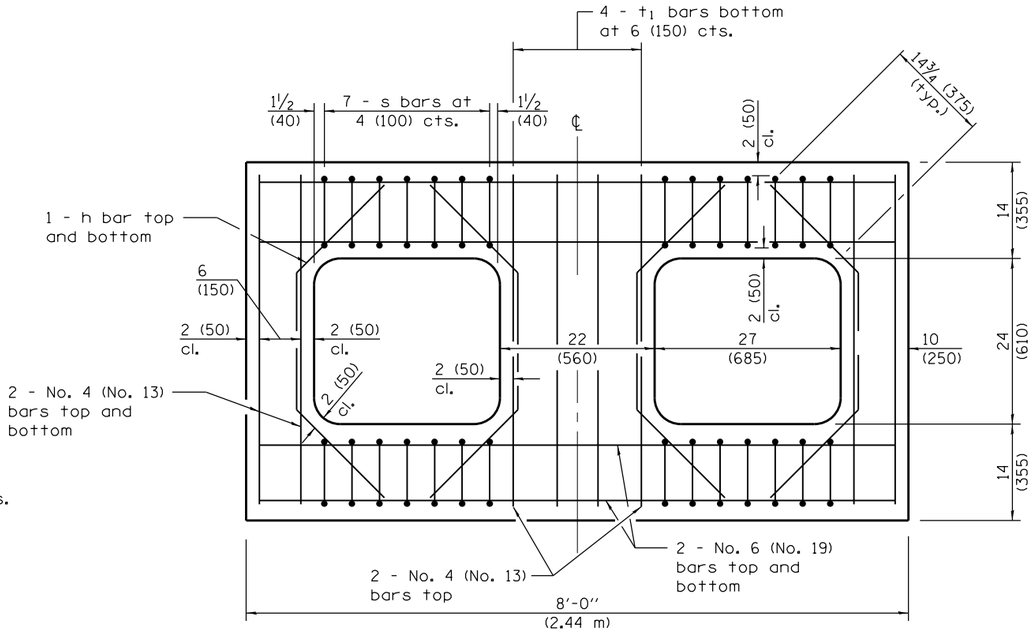
PLOT DRIVER = $PLTDRVS$
PEN TABLE = $PENTBLS$
PLOT SCALE = ' '
PLOT DATE = ' '
USER NAME = ' '
DESIGNER = Default
FILE NAME = $variableDesignerDefault$

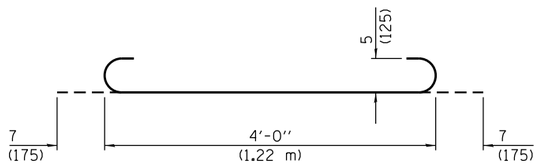


FRONT ELEVATION – DOUBLE INLET, SPECIAL

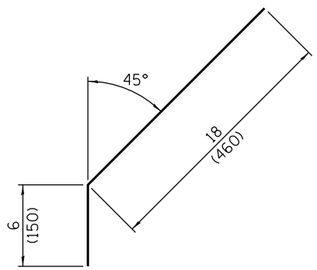


SIDE ELEVATION – DOUBLE INLET, SPECIAL

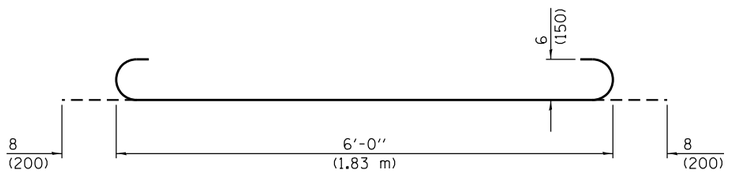




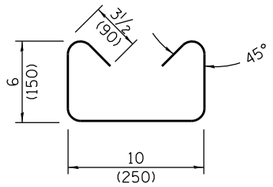
No. 5 (No. 16) Bar t1



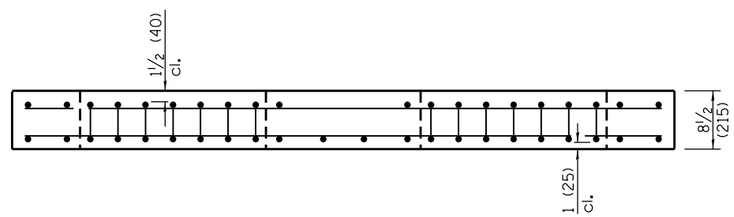
No. 4 (No. 13) Bar h



No. 6 (No. 19) Bar t



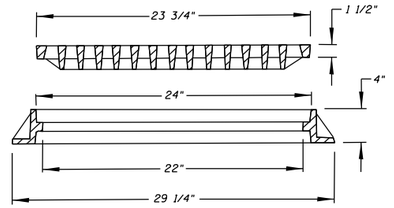
No. 3 (No. 10) Bar s

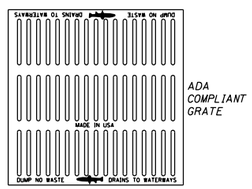


REINFORCED LID – DOUBLE INLET, SPECIAL

NOTES:

1. FOR STRUCTURES 233, 234, AND 235, ONLY THE SOUTH HALF OF THE STRUCTURE WILL HAVE AN OPENING. HORIZONTAL REBAR SHALL CARRY THROUGH REINFORCED LID WHERE OPENING IS OMITTED.





ADA COMPLIANT FRAME & GRATE DETAILS (FOR DOUBLE INLET, SPECIAL)
N.T.S.

NOTES:

1. ON THE MULTI-USE PATH SIDE OF THE DOUBLE INLET, SPECIAL, THE FRAME AND GRATE SHALL BE ACCORDING TO THE DETAIL SHOWN ABOVE. ON THE ROADWAY SIDE OF THE DOUBLE INLET, SPECIAL, THE FRAME AND GRATE SHALL BE AN IDOT STANDARD TYPE 24 FRAME AND GRATE. BOTH FRAMES AND GRATES ARE INCLUDED IN THE COST OF DOUBLE INLET, SPECIAL.

GENERAL NOTES

See Standard 602701 for details of steps.

Exposed edges shall be beveled ¾ (19).

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = L:\KANECO\13296-02_Longmeadow Pkwy\Draw\CADD Sheets\Section\C2-sht-DrainageDetails_cmt.dgn

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USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -
	DRAWN - JMS	REVISED -
PLOT SCALE = 24.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS
DOUBLE INLET, SPECIAL

SCALE: | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	131
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

DRAINAGE STRUCTURE TABLE: STA. 2207+50 TO STA. 2221+50

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV	SEE NOTE 1 (N) RIM ELEV	SEE NOTE 1 (S) RIM ELEV	SEE NOTE 1 TOP REINF LID ELEV	SEE NOTE 1 STRUCT HEIGHT (FT)
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)					
232	2218+93.00	0.00	A4				TY 1 CL	759.64	759.64	759.39		765.13	-	-	-	-
233	2218+93.00	23.50 RT				DOUBLE INLET, SP	NOTE 1	759.77		760.02	760.02		N/A	764.08	762.58	4
234	2218+78.03	23.50 RT				DOUBLE INLET, SP	NOTE 1			760.15			N/A	764.09	762.59	4
235	2219+40.00	23.50 RT				DOUBLE INLET, SP	NOTE 1				760.25		N/A	764.19	762.69	4
236	2218+93.00	27.79 LT				DOUBLE INLET, SP	NOTE 1		759.77	760.02	760.02		764.10	764.08	762.58	4
237	2218+77.82	27.79 LT				DOUBLE INLET, SP	NOTE 1			760.15			764.11	764.09	762.59	4
238	2219+40.00	27.79 LT				DOUBLE INLET, SP	NOTE 1				760.25		764.21	764.19	762.69	4

DRAINAGE STRUCTURE TABLE: STA. 2221+50 TO STA. 2235+50

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
228	2221+89.60	35.40 RT		A5		FLAT SLAB TOP	TY 8	757.72	753.50	762.27		768.50
229	2221+87.00	25.00 RT		A4			TY 24	757.77	757.77			768.57
230	2221+87.00	0.00	A4				TY 1 CL	764.53	757.90		757.90	769.56
231	2221+87.00	25.00 LT			A		TY 24		764.66			768.57
239	2223+68.98	35.58 RT		A5			TY 8	770.00		769.50	765.50	776.00
240	2223+68.98	25.00 RT		A4			TY 24	771.52	770.15			775.77
241	2223+68.98	25.00 LT			A		TY 24		771.77			775.77
242A	2224+00.75	35.94 RT		A4			TY 1 OL			770.31	770.31	777.32
242B	2224+81.32	36.86 RT		A4			TY 8			772.58	772.58	781.25
242	2225+83.70	38.91 RT	A4				TY 8	782.00		781.50	775.50	786.23
243	2225+83.70	28.67 RT		A4		FLAT SLAB TOP	TY 24	782.21	782.21			786.50
244	2225+83.70	28.67 LT			A		TY 24		782.50			786.50
245	2226+50.00	54.58 RT		A4		FLAT SLAB TOP	TY 8			784.47	783.00	788.72
246	2227+98.42	55.58 RT		A4		FLAT SLAB TOP	TY 8	791.56		791.56	788.50	795.56
247	2227+98.42	31.00 RT		A4		FLAT SLAB TOP	TY 24	791.87	791.87			796.18
248	2227+98.42	31.00 LT			A		TY 24		792.18			796.18
249	2230+13.14	55.58 RT		A4		FLAT SLAB TOP	TY 8	798.67		798.67	798.42	802.67
250	2230+13.14	31.00 RT		A4		FLAT SLAB TOP	TY 24	799.07	799.07			803.38
251	2230+13.14	31.00 LT			A		TY 24		799.38			803.38
252	2232+27.88	55.58 RT		A4			TY 8	805.56			805.56	809.57
253	2232+27.88	31.00 RT		A4		FLAT SLAB TOP	TY 24	806.06	806.06			810.37
254	2232+27.88	9.00 RT		A4		FLAT SLAB TOP	TY 11	806.17	806.17			810.81
255	2232+27.88	31.00 LT			A		TY 24		806.37			810.38
301	2234+77.88	95.82 RT				PRC FES 36"		812.00				-
302	2234+77.88	66.58 RT	A6			FLAT SLAB TOP	TY 8	813.41	812.20	812.20		817.41
303	2234+77.88	42.00 RT		A4		FLAT SLAB TOP	TY 24	814.15	814.15			818.30
304	2234+77.88	2.00 LT		A4		FLAT SLAB TOP	TY 11	814.38	814.38			818.74
305	2234+77.88	31.00 LT			A		TY 24		814.52			818.52

DRAINAGE STRUCTURE TABLE: STA. 2235+50 TO STA. 2249+50

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
306	2236+56.95	66.58 RT		A5		FLAT SLAB TOP	TY 1 CL	819.50		818.00	814.08	824.00
307	2236+56.95	42.00 RT		A4		FLAT SLAB TOP	TY 24	819.99	819.99			824.13
308	2236+56.95	31.00 LT			A		TY 24		820.35			824.35
309	2238+26.35	43.58 RT	A5			FLAT SLAB TOP	TY 1 CL	825.10		824.72	819.71	830.05
310	2238+26.35	31.30 RT		A4		FLAT SLAB TOP	TY 24	825.21	825.21			829.84
311	2238+26.35	2.00 RT		A4		FLAT SLAB TOP	TY 11	825.37	825.37			830.08
312	2238+26.35	43.91 LT			A		TY 24		825.60			829.57
313	2240+00.00	43.58 RT	A5			FLAT SLAB TOP	TY 1 CL	830.87		830.45	826.46	835.75
314	2240+00.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	830.94	830.94			835.52
315	2240+00.00	2.00 RT		A4		FLAT SLAB TOP	TY 11	831.08	831.08			835.74
316	2240+00.00	42.00 LT			A		TY 24		831.30			835.30
317	2242+04.00	43.58 RT	A5			FLAT SLAB TOP	TY 1 CL	837.66		837.09	832.49	842.39
318	2242+04.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	837.73	837.73			842.16
319	2242+04.00	4.34 LT		A4		FLAT SLAB TOP	TY 11	837.91	837.91			842.51
320	2242+04.00	35.66 LT			A		TY 24		838.07			842.07
321A	2243+15.00	41.24 RT		A4			TY 8			838.20	838.20	845.67
321	2244+54.00	41.44 RT		A5		FLAT SLAB TOP	TY 8	845.58		844.33	839.59	850.04
322	2244+54.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	845.99	845.99			850.31
323	2244+54.00	31.00 LT			A		TY 24		846.30			850.31
324	2247+04.00	42.58 RT		A5		FLAT SLAB TOP	TY 8	853.73		852.73	846.83	857.73
325	2247+04.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	854.14	854.14			858.45
326	2247+04.00	31.00 LT			A		TY 24		854.45			858.45
461	2236+46.58	64.92 LT				PRC FES 24"				822.00		-
462	2238+16.58	60.89 LT		A5		FLAT SLAB TOP	TY 8				823.00	826.50

PIPE TABLE: STA. 2207+50 TO STA. 2221+50

PIPE NO.	PIPE LOCATION FROM STR.	PIPE LOCATION TO STR	DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CU YD.)
S232	232	230	SS CL A TY 2	18	290.0	0.51	316.5
S233	233	232	STORM SEWER D.I.	15	18.0	0.72	6.5
S234	234	233	STORM SEWER D.I.	12	12.0	1.09	2.5
S235	235	233	STORM SEWER D.I.	12	44.0	0.52	8.1
S236	236	232	STORM SEWER D.I.	15	22.3	0.58	6.3
S237	237	236	STORM SEWER D.I.	12	12.2	1.07	2.5
S238	238	236	STORM SEWER D.I.	12	44.0	0.52	8.1

PIPE TABLE: STA. 2221+50 TO STA. 2235+50

PIPE NO.	PIPE LOCATION FROM STR.	PIPE LOCATION TO STR	DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CU YD.)
S228	228	209	SS CL A TY 2	24	34.9	1.09	-
S229	229	228	SS CL A TY 2	18	6.2	0.81	7.2
S230	230	229	SS CL A TY 2	18	21.0	0.62	39.0
S231	231	230	SS CL A TY 2	12	23.0	0.57	5.4
S239	239	228	SS CL A TY 2	24	174.4	1.85	-
S240	240	239	SS CL A TY 2	12	6.1	2.47	1.5
S241	241	240	SS CL A TY 2	12	48.0	0.52	8.7
S242A	242A	239	SS CL A TY 2	18	27.3	2.97	-
S242B	242B	242A	SS CL A TY 2	18	76.6	2.97	70.1
S242	242	242B	SS CL A TY 2	18	98.4	2.97	-
S243	243	242	SS CL A TY 2	12	6.2	3.39	1.4
S244	244	243	SS CL A TY 2	12	55.3	0.52	9.9
S245	245	242	SS CL A TY 2	18	64.1	2.34	-
S246	246	245	SS CL A TY 2	15	144.4	2.79	-
S247	247	246	SS CL A TY 2	12	20.6	1.51	0.8
S248	248	247	SS CL A TY 2	12	60.0	0.52	10.7
S249	249	246	SS CL A TY 2	15	210.7	3.26	-
S250	250	249	SS CL A TY 2	12	20.6	1.94	0.8
S251	251	250	SS CL A TY 2	12	60.0	0.52	10.7
S252	252	249	SS CL A TY 2	12	210.7	3.27	-
S253	253	252	SS CL A TY 2	12	20.6	2.43	0.8
S254	254	253	SS CL A TY 2	12	18.0	0.61	4.7
S255	255	254	SS CL A TY 2	12	38.0	0.53	88.2
S302	302	301	SS CL A TY 2	36	18.2	1.10	-
S303	303	302	SS CL A TY 2	12	19.6	3.78	0.8
S304	304	303	SS CL A TY 2	12	40.0	0.58	8.5
S305	305	304	SS CL A TY 2	12	27.0	0.52	5.0

PIPE TABLE: STA. 2235+50 TO STA. 2249+50

PIPE NO.	PIPE LOCATION FROM STR.	PIPE LOCATION TO STR	DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CU YD.)
S306	306	302	SS CL A TY 2	30	173.6	1.08	-
S307	307	306	SS CL A TY 2	12	20.1	2.44	0.8
S308	308	307	SS CL A TY 2	12	71.0	0.51	12.6
S309	309	306	SS CL A TY 2	30	166.0	1.03	96.6
S310	310	309	SS CL A TY 2	12	7.8	1.41	1.1
S311	311	310	SS CL A TY 2	12	25.3	0.63	6.9
S312	312	311	SS CL A TY 2	12	43.9	0.52	8.9
S313	313	309	SS CL A TY 2	27	168.7	1.03	-
S314	314	313	SS CL A TY 2	12	8.1	0.87	1.1
S315	315	314	SS CL A TY 2	12	25.0	0.56	6.2
S316	316	315	SS CL A TY 2	12	42.0	0.52	8.5
S317	317	313	SS CL A TY 2	27	199.0	1.03	-
S318	318	317	SS CL A TY 2	12	8.1	0.86	1.0
S319	319	318	SS CL A TY 2	12	31.3	0.57	7.5
S320	320	319	SS CL A TY 2	12	29.3	0.55	6.0
S321A	321A	S317	SS CL A TY 2	27	106.5	1.04	-
S321	321	321A	SS CL A TY 2	27	134.8	1.04	-
S322	322	321	SS CL A TY 2	12	5.9	6.90	0.8
S323	323	322	SS CL A TY 2	12	60.0	0.52	10.7
S324	324	321	SS CL A TY 2	27	245.0	1.02	-
S325	325	324	SS CL A TY 2	12	7.1	5.79	0.8
S326	326	325	SS CL A TY 2	12	60.0	0.52	10.7
S327	327	324	SS CL A TY 2	24	247.5	1.01	-
S462	462	461	P CUL CL A TY 1	24	180.7	0.54	9.3

NOTES:

1. FOR DOUBLE INLET, SPECIAL, STATIONS AND OFFSETS ARE GIVEN TO THE CENTER OF THE STRUCTURE. STRUCTURES SHALL BE PLACED PERPENDICULAR TO THE LONGMEADOW PARKWAY ALIGNMENT. REFER TO SHEET 131 FOR DETAILS. RIM ELEVATIONS ARE GIVEN AT THE FACE OF THE PARAPET WALLS.
2. FOR FLARED END SECTIONS, THE INVERTS REPORTED IN THE TABLES REFER TO THE OUTLET END OF THE FLARED END SECTION. THE FLARED END SECTION SHALL BE PLACED AT THE SAME SLOPE AS THE CONNECTING PIPE.

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\12296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-drainage-table-Long_2.dlo.dgn

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USER NAME = Jeff Sedig	DESIGNED - (BLA)	REVISED -
	DRAWN - (BLA)	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - (BLA)	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE TABLES
LONGMEADOW PARKWAY

SCALE: | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	132
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

DRAINAGE STRUCTURE TABLE: STA. 2249+50 TO STA. 2263+50

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
327	2249+54.00	42.58 RT		A5		FLAT SLAB TOP	TY 8	861.74		860.50	855.23	865.82
328	2248+54.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	862.24	862.24			866.54
329	2248+54.00	31.00 LT			A		TY 24		862.55			866.54
330	2252+04.00	42.58 RT		A5		FLAT SLAB TOP	TY 8	866.99		865.99	863.35	870.99
331	2252+04.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	867.41	867.41			871.72
332	2252+04.00	31.00 LT			A		TY 24		867.72			871.72
333	2254+54.00	42.58 RT		A5		FLAT SLAB TOP	TY 8	869.55		868.55	868.55	873.55
334	2254+54.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	869.96	869.96			874.27
335	2254+54.00	31.00 LT			A		TY 24		870.27			874.27
336	2257+04.00	42.58 RT		A5		FLAT SLAB TOP	TY 8	872.09		871.09	871.09	876.09
337	2257+04.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	872.50	872.50			876.81
338	2257+04.00	31.00 LT			A		TY 24		872.81			876.81
339	2259+54.00	42.58 RT		A5		FLAT SLAB TOP	TY 8	874.63		873.63	873.63	878.63
340	2259+54.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	875.04	875.04			879.35
341	2259+54.00	31.00 LT			A		TY 24		875.35			879.35
342	2262+04.00	42.59 RT		A5		FLAT SLAB TOP	TY 8	877.17		876.67	876.17	881.17
343	2262+04.00	31.00 RT		A4		FLAT SLAB TOP	TY 24	877.58	877.58			881.89
344	2262+04.00	31.00 LT			A		TY 24		877.89			881.89

PIPE TABLE: STA. 2249+50 TO STA. 2263+50

PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CU YD.)
	FROM STR.	TO STR.					
S328	328	327	SS CL A TY 2	12	7.10	4.38	0.8
S329	329	328	SS CL A TY 2	12	60.00	0.52	10.7
S330	330	327	SS CL A TY 2	24	245.00	1.16	-
S331	331	330	SS CL A TY 2	12	7.10	5.93	0.8
S332	332	331	SS CL A TY 2	12	60.00	0.52	10.7
S333	333	330	SS CL A TY 2	24	245.00	1.04	-
S334	334	333	SS CL A TY 2	12	7.10	5.77	0.8
S335	335	334	SS CL A TY 2	12	60.00	0.52	10.7
S336	336	333	SS CL A TY 2	24	245.00	1.04	-
S337	337	336	SS CL A TY 2	12	7.10	5.79	0.8
S338	338	337	SS CL A TY 2	12	60.00	0.52	10.7
S339	339	336	SS CL A TY 2	24	245.00	1.04	-
S340	340	339	SS CL A TY 2	12	7.10	5.79	0.8
S341	341	340	SS CL A TY 2	12	60.00	0.52	10.7
S342	342	339	SS CL A TY 2	24	245.00	1.04	-
S343	343	342	SS CL A TY 2	12	7.10	5.79	0.8
S344	344	343	SS CL A TY 2	12	60.00	0.52	10.7
S345	345	342	WM REQ SS	18	245.90	1.00	-

DRAINAGE STRUCTURE TABLE: STA. 2263+50 TO STA. 2271+00

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
345	2264+54.00	46.59 RT		A4		FLAT SLAB TOP	TY 8	879.62		879.37	879.12	883.63
346	2264+54.00	35.00 RT		A4		FLAT SLAB TOP	TY 24	880.10	880.10			884.35
347	2264+54.00	9.00 RT		A4		FLAT SLAB TOP	TY 11	880.23	880.23			884.87
348	2264+54.00	31.00 LT			A		TY 24		880.43			884.43
349	2267+04.00	53.58 RT		A4		FLAT SLAB TOP	TY 8	882.06		882.06	881.81	886.06
350	2267+04.00	42.00 RT		A4		FLAT SLAB TOP	TY 24	882.63	882.46			886.78
351	2267+04.00	2.00 LT		A4		FLAT SLAB TOP	TY 11	882.85	882.85			887.21
352	2267+04.00	31.00 LT			A		TY 24		882.99			887.00
353	2269+54.00	61.42 RT		A4			TY 1 CL	886.43			886.43	892.86
354	2269+54.00	49.19 RT		A4			TY 24	887.01	887.01			892.49
355	2269+54.00	2.00 LT		A4		FLAT SLAB TOP	TY 11	887.23	887.23			891.46
356	2269+53.33	31.18 LT			A		TY 24		887.37			891.37

PIPE TABLE: STA. 2263+50 TO STA. 2271+00

PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CU YD.)
	FROM STR.	TO STR.					
S346	346	345	SS CL A TY 2	12	7.60	6.33	0.8
S347	347	346	SS CL A TY 2	12	22.00	0.59	5.0
S348	348	347	SS CL A TY 2	12	38.00	0.53	7.8
S349	349	345	SS CL A TY 2	15	246.10	0.99	-
S350	350	349	SS CL A TY 2	12	7.60	5.27	0.8
S351	351	350	SS CL A TY 2	12	40.00	0.55	8.5
S352	352	351	SS CL A TY 2	12	27.00	0.52	5.0
S353	353	349	SS CL A TY 2	12	246.10	1.78	-
S354	354	353	SS CL A TY 2	12	8.20	7.07	0.8
S355	355	354	SS CL A TY 2	12	47.20	0.47	8.5
S356	356	355	SS CL A TY 2	12	27.00	0.52	5.0

DRAINAGE STRUCTURE TABLE: ILLINOIS ROUTE 25

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
357	612+15.00	31.00 LT		EX		REPLACE EX F&G W/ PR TY 24 F&G	TY 24					895.59
358	612+00.00	2.00 LT		EX		REPLACE EX F&G W/ PR TY 11 F&G	TY 11					896.26
359	611+22.00	31.00 LT		EX		REPLACE EX F&G W/ PR TY 24 F&G	TY 24					898.85
360	611+00.00	2.00 LT			EX	REPLACE EX F&G W/ PR TY 11 F&G	TY 11					898.15

NOTES:

1. FOR FLARED END SECTIONS, THE INVERTS REPORTED IN THE TABLES REFER TO THE OUTLET END OF THE FLARED END SECTION. THE FLARED END SECTION SHALL BE PLACED AT THE SAME SLOPE AS THE CONNECTING PIPE.

LOCAL COORDINATE SYSTEM

CMT
License No. 184-000613

USER NAME = Jeff Sedig	DESIGNED - (BLA)	REVISED -
	DRAWN - (BLA)	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - (BLA)	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE TABLES
LONGMEADOW PARKWAY

SCALE: | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	133
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

DRAINAGE STRUCTURE TABLE: STA. 500+00 TO STA. 513+00

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
202	503+64.86	18.00 LT				SEE NOTE 2				• 723.61	723.61	733.50
203	505+35.00	18.00 LT		A5		FLAT SLAB TOP	TY 24		735.93	732.98	725.41	740.11
204	505+35.00	18.00 RT			A		TY 24	736.11				740.52
205	506+66.68	17.90 LT	A6			FLAT SLAB TOP	TY 24	742.40	744.94		734.50	749.12
206	506+66.68	17.90 RT			A		TY 24	745.12				749.12
207	506+66.68	30.17 LT	A5			FLAT SLAB TOP	TY 1 CL	742.50	742.50	745.75		749.71
208	506+29.71	80.53 LT		A5		FLAT SLAB TOP	TY 8		743.00			747.00
209	508+05.59	37.36 LT	A6			FLAT SLAB TOP	TY 8	753.12	754.12	753.62	747.00	758.12
210	508+07.65	13.67 RT		A4		FLAT SLAB TOP	TY 24	755.11				759.08
211	509+59.78	35.69 LT		A4		FLAT SLAB TOP	TY 8		765.25	765.04	758.00	769.58
212	509+59.82	12.00 RT		A4		FLAT SLAB TOP	TY 24	765.52				769.52
213	511+12.09	30.48 LT		A4		FLAT SLAB TOP	TY 8		773.00	772.75	769.00	777.00
214	511+12.03	12.00 LT		A4		FLAT SLAB TOP	TY 24	773.50	776.30			780.50
215	511+12.03	12.00 RT			A		TY 24	776.42				780.42
216	512+60.33	26.34 LT		A4		FLAT SLAB TOP	TY 8		784.80	784.80	777.00	788.80
217	512+60.31	12.00 LT		A4		FLAT SLAB TOP	TY 24	785.25	786.68			790.80
218	512+60.31	12.00 RT			A		TY 24	786.80				790.80
263	504+53.27	54.13 RT		A5		FLAT SLAB TOP	TY 8	730.20		730.50		734.50
264	505+03.48	26.08 RT		A4		FLAT SLAB TOP	TY 8			734.00	732.29	738.00
266	507+20.29	26.33 RT	A4			FLAT SLAB TOP	TY 8			748.00	744.64	752.00
268	507+97.87	27.61 RT	A4			FLAT SLAB TOP	TY 8			752.00	751.68	756.00
270	508+83.86	27.15 RT		A4			TY 8				756.08	760.50
501	503+59.17	65.98 LT				PRC FES 24"				727.00		-
502	503+98.39	65.49 LT	A5				TY 1 CL			727.37	727.37	734.75
503	504+50.42	50.03 LT		A5			TY 8	730.00	728.50		727.86	734.00
• 504	906+59.50	63.60 LT				PRC FES 36"				727.00		-
• 505	906+59.30	22.26 LT	A5				TY 1 CL			728.20	727.41	733.80
• 506	906+59.54	29.79 RT	A6				TY 1 CL	729.85	730.00	728.67	728.67	734.25
• 507	906+71.36	29.54 RT				STD 542546			730.00			734.00
• 508	906+59.64	109.38 RT	A5				TY 1 CL			740.78	730.18	745.00
• 509	906+59.59	121.71 RT				PRC FES 24"					741.00	

• SANDBLOOM ROAD ALIGNMENT

PIPE TABLE: STA. 500+00 TO STA. 513+00

PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CU YD.)
	FROM STR.	TO STR					
S203	203	202	SEE NOTE 3	36	165.1	1.09	188.2
S204	204	203	SS CL A TY 2	12	33.5	0.54	6.2
S205	205	203	SS CL A TY 2	36	126.2	1.20	256.9
S206	206	205	SS CL A TY 2	12	32.8	0.55	6.2
S207	207	205	SS CL A TY 2	30	6.8	1.48	4.3
S208	208	207	SS CL A TY 2	12	57.5	0.87	-
S209	209	207	SS CL A TY 2	30	133.6	0.94	-
S210	210	209	SS CL A TY 2	12	46.1	2.15	4.9
S211	211	209	SS CL A TY 2	18	157.7	2.78	-
S212	212	211	SS CL A TY 2	12	43.4	0.62	4.9
S213	213	211	SS CL A TY 2	18	156.3	2.53	-
S214	214	213	SS CL A TY 2	12	14.5	3.45	1.5
S215	215	214	SS CL A TY 2	12	22.0	0.55	4.2
S216	216	213	SS CL A TY 2	15	144.3	2.95	-
S217	217	216	SS CL A TY 2	12	10.2	4.42	1.1
S218	218	217	SS CL A TY 2	12	22.2	0.54	4.2
S263	263	503	SS CL A TY 2	18	98.7	1.72	10.2
S264	264	263	SS CL A TY 2	15	52.5	3.40	3.4
S266	266	264	SS CL A TY 2	15	212.8	5.00	1.0
S268	268	266	SS CL A TY 2	15	73.6	5.00	1.0
S270	270	268	SS CL A TY 2	15	81.6	5.00	1.0
S502	502	501	SS CL A TY 2	24	31.1	1.00	-
S503	503	502	SS CL A TY 2	24	49.3	2.03	4.6 (CLSM)
S505	505	504	SS CL A TY 2	36	30.8	1.06	-
S506	506	505	SS JACKED IP	36	46.6	1.01	-
S507	507	506	SS CL A TY 2	24	7.0	2.14	-
S508	508	506	SS CL A TY 2	24	74.1	2.04	-
S509	509	508	SS CL A TY 2	24	3.8	2.24	-

NOTES:

1. FOR FLARED END SECTIONS, THE INVERTS REPORTED IN THE TABLES REFER TO THE OUTLET END OF THE FLARED END SECTION. THE FLARED END SECTION SHALL BE PLACED AT THE SAME SLOPE AS THE CONNECTING PIPE.

2. FOR EXISTING STRUCTURE 202, EAST INVERT OPENING IS AT 727.00 AND THE WEST INVERT OPENING IS AT 723.61. STRUCTURE SHALL BE MODIFIED TO CREATE NEW EAST INVERT OPENING FOR PROPOSED PIPE S203 AT INVERT ELEVATION 723.61. EAST OPENING AT 727.00 AND THE ANNULAR SPACE AROUND THE PIPE SHALL BE SEALED WITH CONCRETE BLOCK AND NON-SHRINK GROUT TO THE SATISFACTION OF THE ENGINEER. PAID FOR AS PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE (X0322917).

3. THE TOTAL PIPE LENGTH OF PIPE S203 IS 165.1 FEET. THE WESTERN 100 FEET OF THIS PIPE SHALL BE JACKED IN PLACE. THE EASTERN 65.1 FEET OF THIS PIPE SHALL BE TRENCHED.

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\132965-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-drainage-table-Bolz-1.bla.dgn

USER NAME = Jeff Sedig	DESIGNED - (BLA)	REVISED -
	DRAWN - (BLA)	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - (BLA)	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE TABLES
BOLZ ROAD

SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	134
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

DRAINAGE STRUCTURE TABLE: BOLZ ROAD STA. 513+00 TO STA. 527+00

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
219	514+13.35	26.68 LT		A4			TY 8		795.50	795.50	790.00	799.51
220	514+13.40	12.00 LT		A4			TY 24	796.00				801.51
221	515+65.66	26.64 LT		A4		FLAT SLAB TOP	TY 8		805.46	805.46	802.00	809.46
222	515+65.59	12.00 LT		A4			TY 24	806.00				811.50
223	517+17.79	26.67 LT		A4		FLAT SLAB TOP	TY 8		812.12	809.71	809.71	816.12
224	517+17.78	12.00 LT		A4		FLAT SLAB TOP	TY 24	812.75	814.18			818.18
225	517+17.78	12.00 RT			A		TY 24	814.42				818.26
226	518+75.16	21.98 LT	A6			RESTRICTOR	TY 1 CL	811.50			810.50	820.50
227	519+00.11	54.25 LT				PRC FES 12"			812.00			-
401	523+63.79	67.38 LT				PRC FES 15"			812.00			-
402A	523+67.74	47.38 LT	A4				TY 1 CL	812.03			812.03	818.54
402	522+62.70	25.58 LT	A4			FLAT SLAB TOP	TY 1 CL		812.50	812.25	813.00	817.38
403	522+62.67	18.00 LT		A4		FLAT SLAB TOP	TY 24	812.65	812.65	813.00	813.04	817.09
404	522+28.86	18.00 LT			A		TY 24			813.21		817.21
405	522+96.48	19.67 LT			A		TY 24				813.19	817.18
406	522+62.67	12.00 RT		A4		FLAT SLAB TOP	TY 24	812.80		812.80	812.80	817.09
407	522+28.86	12.00 LT			A		TY 24			813.21		817.21
408	522+96.42	19.58 RT	A4			FLAT SLAB TOP	TY 1 CL	813.00		813.00	813.00	816.86
409	522+96.43	12.00 RT			A		TY 24		813.21			817.20
410	523+91.34	52.47 RT		A4		FLAT SLAB TOP	TY 1 0L				813.50	817.50
411	521+00.05	23.12 LT	A4			FLAT SLAB TOP	TY 1 CL		814.08	814.08		818.47
412	521+00.03	15.54 LT		A4		FLAT SLAB TOP	TY 24	814.12	814.12			818.19
413	520+99.98	12.00 RT			A		TY 24	814.26				818.26
421	523+73.08	74.34 LT				PRC FES 15"				812.00		-
422	523+98.33	68.55 LT	A4				TY 1 CL			812.25	812.25	899.55
423	524+09.27	66.44 LT		A4			TY 24			812.40	812.40	819.30
424	524+53.47	63.63 LT		A4			TY 24			812.80	812.80	819.95
425	524+75.84	60.15 LT		A4			TY 24			813.00	813.00	819.79
426	525+23.76	16.33 LT		A5		FLAT SLAB TOP	TY 24		814.00	813.50	813.50	819.17
427	525+46.20	6.88 RT		A4			TY 11	814.45			814.45	820.00
428	524+96.44	36.72 RT			A		TY 24			814.74		818.74
429	526+15.64	21.75 LT	A4				TY 1 CL		816.39	816.39	814.25	821.54
430	526+15.68	14.00 LT		A4		FLAT SLAB TOP	TY 24	816.75	817.31			821.31
431	526+15.68	6.00 RT			A		TY 11	818.07				822.01
451	525+59.59	44.89 RT				PRC FES ELL, ERS 36"		815.57				-
452	525+68.80	36.26 LT				PRC FES ELL, ERS 36"			815.64			-
453	525+65.63	45.64 RT				PRC FES ELL, ERS 36"		815.57				-
454	525.76.66	35.26 LT				PRC FES ELL, ERS 36"			815.64			-

DRAINAGE STRUCTURE TABLE: BOLZ ROAD STA. 527+00 TO STA. 533+00

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
432	527+38.56	27.51 LT	A4			FLAT SLAB TOP	TY 1 CL	819.71			819.71	823.71
433	528+54.86	31.04 LT	A4			FLAT SLAB TOP	TY 1 CL	824.92	824.92	824.92		828.92
434	528+54.86	14.00 RT		A4			TY 24				827.00	831.76
435	529+78.93	31.44 LT	A4			FLAT SLAB TOP	TY 1 CL		830.75	831.83		835.83
436	531+00.00	26.58 LT	A4			FLAT SLAB TOP	TY 1 CL		840.00		837.26	843.69
437	531+00.00	14.00 RT		A4		FLAT SLAB TOP	TY 24	840.58				844.58
438	531+08.85	39.33 LT				PRC FES 24"				845.00		-
EX	532+52.13	26.67 LT				SEE NOTE 2			847.11	845.91	845.61	853.54

DRAINAGE STRUCTURE TABLE: BOLZ ROAD CONNECTOR STA. 700+00 TO STA. 704+00

	STA.	OFFSET (FT)	STRUCTURE TYPE/SIZE				F&G	INVERT				RIM ELEV
			MH	CB	IN	OTHER		(N)	(S)	(E)	(W)	
441	702+95.34	73.73 LT				PRC FES 12"				814.00		-
442	703+10.28	42.79 LT	A4			FLAT SLAB TOP	TY 1 CL			820.85	814.50	824.67
443	703+10.26	29.76 LT		A4		FLAT SLAB TOP	TY 24			820.92	820.92	825.25
444	703+10.15	21.00 RT			A		TY 24				821.18	825.98
445	703+10.20	3.00 LT	A4			FLAT SLAB TOP	TY 11		821.15	821.05	821.05	825.49
446	702+70.10	3.00 LT			A		TY 11	821.34				824.64

PIPE TABLE: BOLZ ROAD STA. 513+00 TO STA. 527+00

PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CU YD.)
	FROM STR.	TO STR.					
S219	219	216	SS CL A TY 2	12	149.0	3.49	-
S220	220	219	SS CL A TY 2	12	10.7	4.68	1.1
S221	221	219	SS CL A TY 2	12	140.7	4.62	-
S222	222	221	SS CL A TY 2	12	10.6	5.08	1.1
S223	223	221	SS CL A TY 2	12	140.6	3.02	-
S224	224	223	SS CL A TY 2	12	10.7	5.90	1.1
S225	225	224	SS CL A TY 2	12	22.0	1.09	3.7
S226	226	223	SS CL A TY 2	12	152.4	0.52	19.8
S227	227	226	SS CL A TY 2	12	31.8	1.32	-
S402A	402A	401	SS CL A TY 2	15	12.4	0.24	-
S402	402	402A	SS CL A TY 2	15	103.3	0.21	-
S403	403	402	SS CL A TY 2	12	3.6	4.19	1.0
S404	404	403	SS CL A TY 2	12	30.8	0.55	5.2
S405	405	403	SS CL A TY 2	12	30.9	0.62	5.2
S406	406	403	SS CL A TY 2	12	26.0	0.58	5.8
S407	407	406	SS CL A TY 2	12	29.8	1.38	5.9
S408	408	406	SS CL A TY 2	12	30.5	0.66	5.9
S409	409	408	SS CL A TY 2	12	3.2	6.65	0.7
S410	410	408	SS CL A TY 2	12	96.4	0.52	-
S411	411	402	SS CL A TY 2	12	158.7	0.68	-
S412	412	411	SS CL A TY 2	12	3.6	1.12	0.8
S413	413	412	SS CL A TY 2	12	25.5	0.55	4.8
S422	422	421	SS CL A TY 2	15	17.9	1.05	-
S423	423	422	SS CL A TY 2	15	7.1	2.10	3.3
S424	424	423	SS CL A TY 2	15	42.3	0.95	34.3
S425	425	424	SS CL A TY 2	15	18.6	1.07	17.1
S426	426	425	SS CL A TY 2	15	60.4	0.83	6.0
S427	427	426	SS CL A TY 2	12	27.8	2.52	9.6
S428	428	427	SS CL A TY 2	12	56.5	0.51	13.7
S429	429	426	SS CL A TY 2	12	81.9	0.92	3.3
S430	430	429	SS CL A TY 2	12	3.7	9.61	1.1
S431	431	430	SS CL A TY 2	12	16.0	4.75	3.0
S432	432	429	SS CL A TY 2	12	108.1	3.07	-
S452	452	451	P CUL CL A TY 1 ERS	36	59.0	0.09	8.3
S454	454	453	P CUL CL A TY 1 ERS	36	59.0	0.09	8.3

PIPE TABLE: BOLZ ROAD STA. 527+00 TO STA. 533+00

PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CU YD.)
	FROM STR.	TO STR					
S433	433	432	SS CL A TY 2	12	105.9	4.92	-
S434	434	433	SS CL A TY 2	12	41.0	5.07	6.3
S435	435	433	SS CL A TY 2	12	127.2	4.58	-
S436	436	435	SS CL A TY 2	12	128.0	4.24	-
S437	437	436	SS CL A TY 2	12	36.6	1.59	5.0
S438	EXIST	438	SS CL A TY 2	24	145.5	0.42	-

PIPE TABLE: BOLZ ROAD CONNECTOR STA. 700+00 TO STA. 704+00

PIPE NO.	PIPE LOCATION		DESCRIPTION	DIA. (IN)	L (FT)	S (%)	TRENCH BACKFILL VOL. (CU YD.)
	FROM STR.	TO STR					
S442	442	441	SS CL A TY 2	12	26.4	1.90	-
S443	443	442	SS CL A TY 2	12	8.6	0.81	0.8
S444	444	445	SS CL A TY 2	12	22.0	0.59	4.4
S445	445	443	SS CL A TY 2	12	23.1	0.56	4.4
S446	446	445	SS CL A TY 2	12	38.1	0.50	6.0

NOTES:

1. FOR FLARED END SECTIONS, THE INVERTS REPORTED IN THE TABLES REFER TO THE OUTLET END OF THE FLARED END SECTION. THE FLARED END SECTION SHALL BE PLACED AT THE SAME SLOPE AS THE CONNECTING PIPE.
2. THE EXISTING MANHOLE AT STATION 532+52.13 SHALL RECEIVE 24" PIPE S438 AT THE SAME ELEVATION AS THE EXISTING WEST INVERT (845.61). PAID FOR AS PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE (X0322917).

LOCAL COORDINATE SYSTEM

FILE NAME = i:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-drainage-table-Bolz-2.bla.dgn

CMT
License No. 184-000613 Copyright CMT, Inc.

USER NAME = Jeff Sedig	DESIGNED - (BLA)	REVISED -
	DRAWN - (BLA)	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - (BLA)	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE TABLES
BOLZ ROAD /BOLZ CONNECTOR

SCALE: | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	135
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

PLOT DRIVER = $PLTDRVS$
PEN TABLE = $PENTBLS$

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

REM FIRE HYD/VALVE ASS
WATER MAIN REMOVAL 1105 FT.
REM FIRE HYD/VALVE ASS
REM FIRE HYD/VALVE ASS
CELL TOWER
PR. ROW
BOLZ ROAD CONNECTOR
MATCH LINE STA. 526+00 - BOLZ ROAD

LEGEND
- EXISTING WATER MAIN
- EXISTING FIRE HYDRANT
- REMOVE EXISTING WATER MAIN
- FIRE HYDRANT REMOVAL
- PROPOSED WATER MAIN
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT

PR DUCTILE IRON WATER MAIN 12" (988FT)
515+00
BOLZ ROAD
520+00
700+00
525+00
13.04'
TEMPORARY LINE STOP MECHANICAL PLUG AND THRUST BLOCK EXISTING WATER MAIN
JOINT DEFLECTION
10.00'
CONNECTION TO EXISTING WATER MAIN 12" TEE 12" X 12" CUT-IN SLEEVE STA. 516+37.72 O/S 27.79' RT
WATER VALVES 12 VV TA 5 DIA TIF CL STA. 516+46.34 O/S 27.71' RT
PR. ROW
PR. ROW
PR. ROW
EX FIRE HYDRANT
800+00
PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12"x6", DI WATER MAIN 6" - 5FT STA. 521+83.37 O/S 24.58' RT
PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12"x6", DI WATER MAIN 6" - 5FT STA. 517+99.65 O/S 24.58' RT
PR BEND 11.25° STA. 522+55.14 O/S 24.58' RT
PR BEND 22.5° STA. 522+94.36 O/S 32.47' RT
4.02'
PR BEND 22.25° STA. 523+85.68 O/S 70.51' RT
PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12"x6", DI WATER MAIN 6" - 5FT STA. 524+51.02 O/S 70.51' RT
7.96'
PR BEND 22.5° STA. 525+39.05 O/S 70.60' RT
16.68'

N
1"=50'

LOCAL COORDINATE SYSTEM

PROFILE
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
STRUCTURE NO(S) CHKD
NOTE BOOK
NO.
BY
DATE

NOTES
1. WATER MAIN CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE VILLAGE OF CARPENTERSVILLE ENGINEERING STANDARDS, THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS LATEST EDITION, AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. PIPE DEFLECTION SHALL NOT EXCEED 4°.
3. ALL EXISTING WATER MAIN FACILITIES SHALL BE KEPT IN SERVICE DURING CONSTRUCTION. LOCATE ALL SERVICES AND VALVES PRIOR TO STARTING CONSTRUCTION.
4. VALVES SHALL ONLY BE OPERATED BY THE VILLAGE OF CARPENTERSVILLE.
5. NEW WATER MAIN SHALL BE INSTALLED, TESTED AND DISINFECTED PRIOR TO CONNECTING TO EXISTING.
6. NEW 12" WATER MAIN MUST BE FULLY OPERATIONAL PRIOR TO THE ABANDONMENT OF THE EXISTING 12" WATER MAIN

825 / 820 / 815 / 810 / 805 / 800

CONNECTION TO EXISTING WATER MAIN 12" TEE 12" X 12" CUT-IN SLEEVE STA. 516+37.72 O/S 27.79' RT
EX GROUND
PR GROUND
PR BEND 22.25° STA. 523+85.68 O/S 70.51' RT
PR WATER MAIN - 12" DIP (988 FT)
5.5' MINIMUM
MATCH LINE STA. 526+00
WATER VALVES 12 VV TA 5 DIA TIF CL STA. 516+46.34 O/S 27.71' RT
PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12"x6", DI WATER MAIN 6" - 5FT STA. 517+99.65 O/S 24.58' RT
PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12"x6" DI WATER MAIN 6" - 5FT STA. 521+83.37 O/S 24.58' RT
PR BEND 22.5° STA. 522+94.36 O/S 32.47' RT
PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12"x6", DI WATER MAIN 6" DIP - 5FT STA. 524+51.02 O/S 32.47' RT
PR BEND 22.5° STA. 525+39.05 O/S 70.60' RT
* PROVIDE MIN 4' COVER IF INSTALLED PRIOR TO FINAL GRADING

STATIONING PROJECTED FROM BOLZ ROAD ALIGNMENT

516+00 / 517+00 / 518+00 / 519+00 / 520+00 / 521+00 / 522+00 / 523+00 / 524+00 / 525+00 / 526+00

5' / 50'

USER NAME = Jeff Sedig
DIRECTORY = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-alt-watermain-Bolz1.dgn

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USER NAME = Jeff Sedig	DESIGNED - CPD	REVISED -
MODEL NAME = Default	DRAWN - CPD	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - "$SUBMITDT$"	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN RELOCATION
LONGMEADOW PARKWAY SECTION C2

SCALE: 1" = 50' | SHEET 1 OF 7 SHEETS | STA. 516+00 TO STA. 526+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-22-CH	KANE	415	136
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

PLOT DRIVER = $PLTDRVS$
PEN TABLE = $PENTBLS$

PLAN
DATE | BY
SURVEYED
PLOTTED
DRAWING CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.

TEMPORARY LINE STOP, MECHANICAL PLUG AND THRUST BLOCK EXISTING WATER MAIN

WATER MAIN REMOVAL 602 FT

REM FIRE HYD/VALVE ASS

MATCH LINE STA. 526+00 - BOLZ ROAD

PR BEND 22.5° STA. 526+72.65 O/S 46.46' RT

PR CL 52 DUCTILE IRON WATER MAIN 12" (654 FT)

PR BEND 22.5° STA. 529+56.18 O/S 30.11' RT

PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12" X 6" WATER MAIN 6" = 5FT. STA. 528+83.37 O/S 30.00' RT

PR BEND 22.5° STA. 531+46.58 O/S 29.13' RT

PR BEND 45° STA. 531+88.04 O/S 30.19' RT

PR BEND 45° STA. 531+92.46 O/S 25.67' RT

PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12" X 6" WATER MAIN 6" - 5 FT. STA. 532+32.17 O/S 25.49' RT

PR. ROW

L 530+00

L 535+00

L 540+

CONNECTION TO EXISTING WATER MAIN TEE 12" X 12" CUT-IN SLEEVE

MECHANICAL PLUG AND THRUST BLOCK EXISTING WATER MAIN

EXISTING WATER MAIN

WATER VALVES 12 VV TA 5 DIA T1F CL

PR BEND 45°

PR BEND 45°

PR FIRE HYDRANT

PR WATER MAIN

CONNECTION TO EXISTING WATER MAIN - 12" TEE 12" X 12" CUT-IN SLEEVE STA. 532+37.10 O/S 18.64' RT

WATER VALVES 12 VV TA 5 DIA T1F CL STA. 532+37.10 O/S 18.64' RT

PR BEND 45° STA. 532+37.10 O/S 23.51' RT

PR BEND 45° STA. 532+37.10 O/S 25.47' RT

13.42'

23.85'

13.39'

23.46'

4.86'

9.03'

LOCAL COORDINATE SYSTEM

N

1"=50'

PROFILE
DATE | BY
SURVEYED
PLOTTED
DRAWING CHECKED
ALIGN. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

MATCH LINE STA. 526+00

EX GROUND

PR GROUND

PR WATER MAIN - 12" DIP (654 FT)

5.5' MINIMUM

PR BEND 22.5° STA. 526+72.65 O/S 46.46' RT

PR BEND 22.5° STA. 529+56.18 O/S 30.11' RT

PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12"x6" DI WATER MAIN 6" = 5FT STA. 528+83.37 O/S 30.00' RT

PR BEND 22.5° STA. 531+46.58 O/S 29.13' RT

PR BEND 45° STA. 531+88.04 O/S 30.19' RT

PR BEND 45° STA. 531+92.46 O/S 25.67' RT

PR FIRE HYDRANT ASSEMBLY COMPLETE TEE 12"x6" DI WATER MAIN 6"-5FT STA. 532+40.07 O/S 25.45' RT

PR BEND 45° STA. 532+37.10 O/S 23.51' RT

WATER VALVES 12 VV TA 5 DIA T1F CL STA. 532+37.10 O/S 18.64' RT

CONNECTION TO EXISTING WATER MAIN - 12" TEE 12" X 12" CUT-IN SLEEVE STA. 532+37.10 O/S 18.64' RT

PR BEND 45° STA. 532+37.10 O/S 25.47' RT

850 845 840 835 830 825 820 815 810

5'
50'

STATIONING PROJECTED FROM BOLZ ROAD ALIGNMENT

526+00 527+00 528+00 529+00 530+00 531+00 532+00

NOTES

1. WATER MAIN CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE VILLAGE OF CARPENTERSVILLE ENGINEERING STANDARDS, THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS LATEST EDITION, AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
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4. VALVES SHALL ONLY BE OPERATED BY THE VILLAGE OF CARPENTERSVILLE.
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6. NEW 12" WATER MAIN SHALL BE FULLY OPERATIONAL PRIOR TO ABANDONMENT OF EXISTING 12" WATER MAIN.

USER NAME = Jeff Sedig
DIRECTORY = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Sedlon\C2-alt-watermain-BolzZ.dgn

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MODEL NAME = Default	DRAWN - CPD	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -	
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN RELOCATION
LONGMEADOW PARKWAY SECTION C2

SCALE: 1" = 50' | SHEET 2 OF 7 SHEETS | STA. 526+00 TO STA. 540+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-22-CH	KANE	415	137
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

PLOT DRIVER = $PLTDRVS$
PEN TABLE = $PENTBLS$

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK		
NO.		

LEGEND

- EXISTING WATER MAIN
- EXISTING FIRE HYDRANT
- REMOVE EXISTING WATER MAIN
- FIRE HYDRANT REMOVAL
- PROPOSED WATER MAIN
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT

EX 12" DIA DIP WATER MAIN

CONNECTION TO EXISTING WATER MAIN 12" STA. 2263+29.33 O/S 65.00' LT

WATER VALVES 12 VV TA 5 DIA TIF CL STA. 2263+29.33 O/S 60.00' LT

PR BEND 45° STA. 2263+29.28 O/S 50.96' LT

PR VERT BEND 45° STA. 2263+40.05 O/S 40.00' LT

PR VERT BEND 45° STA. 2263+47.16 O/S 32.76' LT

PR 12" CL 52 DI WATER MAIN (158 FT.)

PR BEND 45° STA. 2263+58.78 O/S 20.93' LT

MECHANICAL PLUG AND THRUST BLOCK EXISTING WATER MAIN

WATER VALVES 12 VV TA 5 DIA TIF CL STA. 2263+57.95 O/S 72.37' RT

PR VERT BEND 45° STA. 2263+58.04 O/S 61.79' RT

LONGMEADOW PARKWAY

2260+00

2265+00

2270+00

PR VERT BEND 45° STA. 2263+58.01 O/S 65.51' RT

MECHANICAL PLUG AND THRUST BLOCK EXISTING WATER MAIN WATER MAIN REMOVAL 158 FT

CONNECTION TO EXISTING WATER MAIN 12" STA. 2263+57.88 O/S 80.24' RT

ABANDONED AT&T FIBER OPTIC

545+00

550+00

555+00

ILLINOIS 25

615+00

N

1"=50'

LOCAL COORDINATE SYSTEM

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
DESIGN CHECKED		
R.O.W. NOTED		
STRUCTURE NO(S)		
NOTE BOOK		
NO.		

900 / 895 / 890 / 885 / 880 / 875 / 870 / 865 / 860

WATER VALVES 12 VV TA 5 DIA TIF CL STA. 2263+29.33 O/S 60.00' LT

PR BEND 45° STA. 2263+58.78 O/S 20.93' LT

EX GROUND

PR GROUND

5.5' MINIMUM

EX 12" DIA DIP WATER MAIN

15" STORM (WM QUALITY)

18" MIN

PR 12" CL 52 DI WATER MAIN (158 FT)

WATER VALVES 12 VV TA 5 DIA TIF CL STA. 2263+57.95 O/S 72.37' RT

PR VERT BEND 45° STA. 2263+47.16 O/S 32.76' LT

PR VERT BEND 45° STA. 2263+40.05 O/S 40.00' LT

PR VERT BEND 45° STA. 2263+58.04 O/S 61.79' RT

PR VERT BEND 45° STA. 2263+58.01 O/S 65.51' RT

CONNECTION TO EXISTING WATER MAIN 12" STA. 2263+57.88 O/S 80.24' RT

CONNECTION TO EXISTING WATER MAIN 12" STA. 2263+29.28 O/S 60.00' LT

PR BEND 45° STA. 2263+29.28 O/S 50.96' LT

5'
10'

STATIONING PROJECTED FROM LONGMEADOW PARKWAY ALIGNMENT

60'L 50'L 40'L 30'L 20'L 10'L 0' 10'R 20'R 30'R 40'R 50'R 60'R 70'R 80'R

NOTES

1. WATER MAIN CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE VILLAGE OF CARPENTERSVILLE ENGINEERING STANDARDS, THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS LATEST EDITION, AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
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5. NEW WATER MAIN SHALL BE INSTALLED, TESTED AND DISINFECTED PRIOR TO CONNECTING TO EXISTING.

USER NAME = Jeff Sedig
DIRECTORY = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-watermain-Bolt3.dgn

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License No. 184-000613

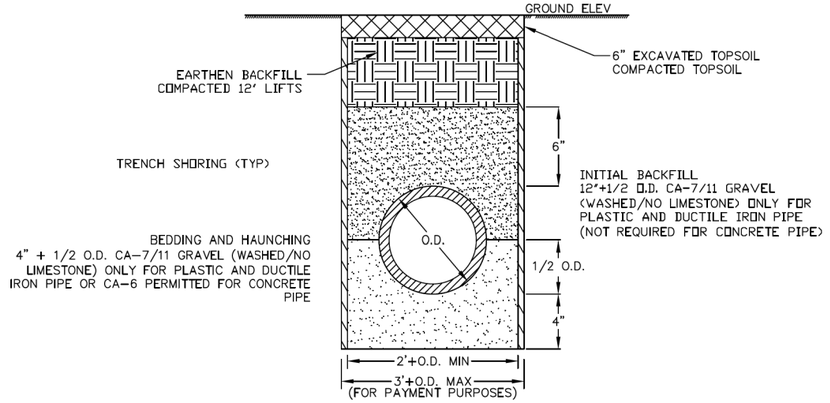
USER NAME = Jeff Sedig	DESIGNED - CPD	REVISED -	
MODEL NAME = Default	DRAWN - CPD	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -	
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATER MAIN RELOCATION
LONGMEADOW PARKWAY SECTION C2

SCALE: 1" = 50' | SHEET 3 OF 7 SHEETS | STA. 526+00 TO STA. 540+00

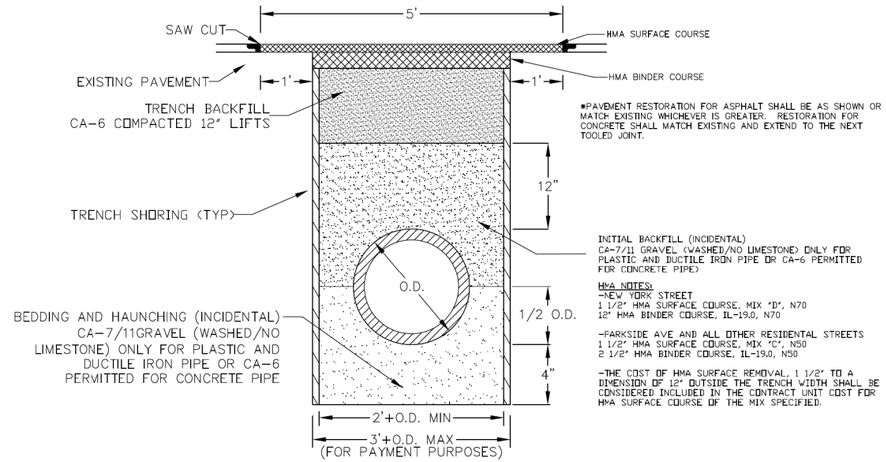
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-22-CH	KANE	415	138
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		



**FOR TRENCHES WITHIN 2FT OF PAVED AREAS INCLUDING STREETS, CURBS, GUTTERS, DRIVEWAYS, AND SIDEWALKS USE THE TRENCH SECTION FOR PAVEMENT DETAIL

TRENCH SECTION IN RIGHT-OF-WAY

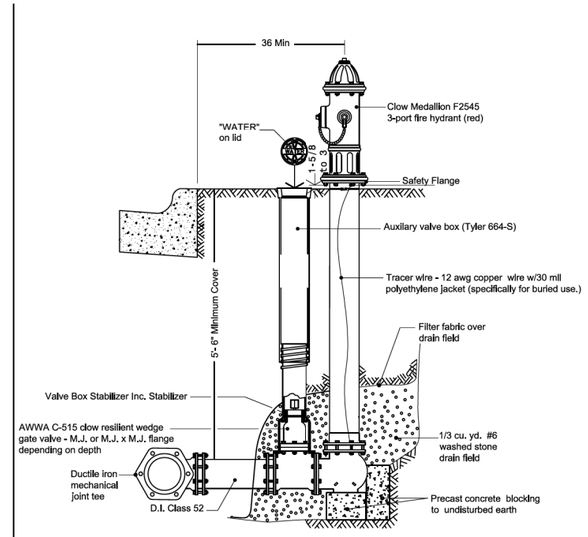
NOTE:
ANY DAMAGE TO AGGREGATE SHOULDER THAT IS NOT SHOWN ON THE PLANS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.



**PAVEMENT SHALL INCLUDE ALL AREAS WITHIN 2FT OF STREETS, CURBS, GUTTERS, DRIVEWAYS, AND SIDEWALKS.

TRENCH SECTION IN PAVEMENT **

N.T.S.

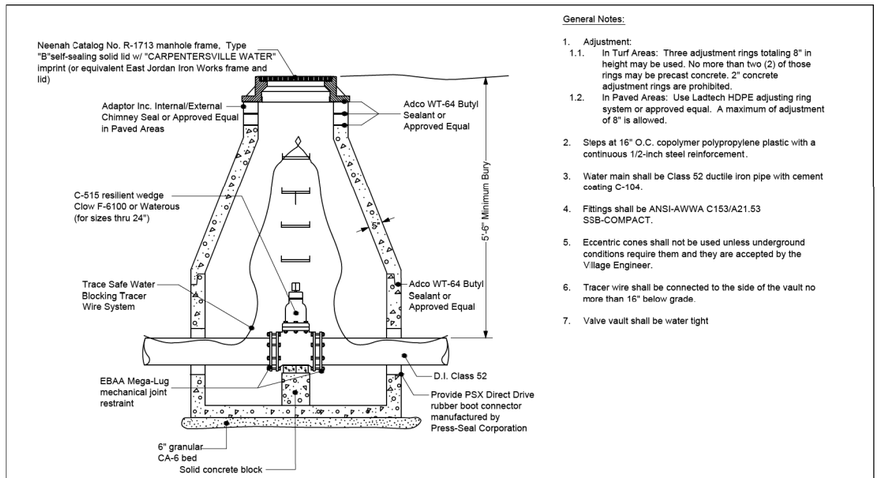


General Notes:

1. All dimensions are in inches unless otherwise specified.
2. Mechanical joint restraint shall EBAA megalug for use with d.i. pipe class 52, produced by EBAA Iron Inc.
3. Zinc anodes installed on every other bolt of each mechanical joint fittings.
4. Flanged shoe for 6' bury and less. mj shoe, min.24" max. 36" stub with megalug for over 6' bury.

Hydrant

W-2 012908



General Notes:

1. Adjustment:
   1.1. In Turf Areas: Three adjustment rings totaling 8" in height may be used. No more than two (2) of those rings may be precast concrete. 2" concrete adjustment rings are prohibited.
   1.2. In Paved Areas: Use Ladtech HDPE adjusting ring system or approved equal. A maximum of adjustment of 8" is allowed.
2. Steps at 16" O.C. copolymer polypropylene plastic with a continuous 1/2-inch steel reinforcement.
3. Water main shall be Class 52 ductile iron pipe with cement coating C-104.
4. Fittings shall be ANSI-AWWA C153/A21.53 SSB-COMPACT.
5. Eccentric cones shall not be used unless underground conditions require them and they are accepted by the Village Engineer.
6. Tracer wire shall be connected to the side of the vault no more than 16" below grade.
7. Valve vault shall be water tight

Valve Vault Type A

W-1 012908
Revised 01-04-16

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECD\13296-02_Longmeadow Pkwy\Draw\CADD Sheets\SectionC2-sht-water-main-Detail.dgn

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License No: 184-000613

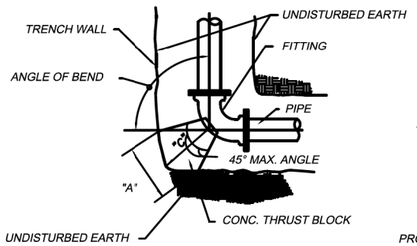
USER NAME = Jeff Sedig	DESIGNED - CPD	REVISED -
	DRAWN - CPD	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATERMAIN
LONGMEADOW PARKWAY SECTION C2
FIRE HYDRANT DETAIL

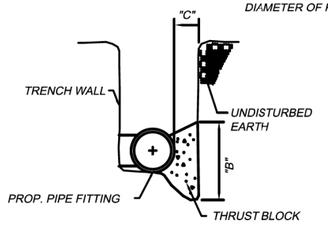
SCALE: - | SHEET 4 OF 7 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	139
		CONTRACT NO. 61G02		
	ILLINOIS	FED. AID PROJECT		



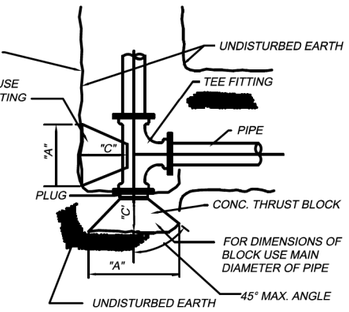
PLAN OF BEND

N.T.S.



SECTION

N.T.S.



PLAN OF TEE

N.T.S.

100 P.S.I. TABLE

SIZE	90° BEND			45° BEND			22-1/2° BEND			11-1/4° BEND			TEE OR PLUG		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
4"& 6"	2'-0"	1'-4"	9"	1'-6"	1'-0"	6"	1'-1"	0'-8"	6"	0'-9"	0'-6"	6"	2'-5"	1'-7"	1'-0"
8"	2'-8"	1'-10"	1'-0"	2'-0"	1'-4"	8"	1'-5"	1'-0"	8"	1'-0"	0'-8"	8"	3'-2"	2'-2"	1'-3"
10"	3'-4"	2'-3"	1'-3"	2'-6"	1'-8"	10"	1'-9"	1'-2"	8"	1'-3"	0'-10"	8"	4'-0"	2'-8"	1'-7"
12"	4'-0"	2'-8"	1'-6"	3'-0"	2'-0"	1'-0"	2'-2"	1'-5"	8"	1'-6"	1'-0"	8"	4'-10"	3'-2"	1'-11"
14"	4'-8"	3'-2"	1'-9"	3'-6"	2'-4"	1'-2"	2'-6"	1'-8"	8"	1'-9"	1'-2"	8"	5'-7"	3'-9"	2'-3"
16"	5'-4"	3'-7"	2'-0"	3'-11"	2'-8"	1'-4"	2'-10"	1'-11"	8"	2'-0"	1'-4"	8"	6'-4"	4'-3"	2'-6"
18"	6'-0"	4'-0"	2'-3"	4'-5"	3'-0"	1'-6"	3'-2"	2'-2"	10"	2'-3"	1'-6"	8"	7'-2"	4'-6"	2'-10"
20"	6'-8"	4'-5"	2'-6"	4'-11"	3'-4"	1'-8"	3'-6"	2'-4"	11"	2'-6"	1'-8"	8"	7'-11"	5'-4"	3'-2"
24"	8'-0"	5'-4"	3'-0"	5'-11"	3'-11"	2'-0"	4'-3"	2'-10"	1'-1"	3'-0"	2'-0"	8"	9'-6"	6'-4"	3'-9"

THRUST BLOCK DETAILS
(FOR HORIZONTAL ALIGNMENT)

NOTES:

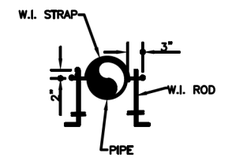
1. ALL BENDS, TEES, PLUGS, FITTINGS OR OTHER SIGNIFICANT CHANGES IN ALIGNMENT SHALL BE BRACED WITH POURED CONCRETE THRUST BLOCKS FITTINGS WITH RETAINING GLANDS WILL NOT BE ALLOWED.
2. "C" DIMENSION SHALL BE AS REQUIRED TO REACH UNDISTURBED EARTH BUT NOT LESS THAN VALUE LISTED IN TABLE.
3. DIMENSIONS "A" AND "B" ARE BASED ON INTERNAL PIPE PRESSURE OF 100 P.S.I. AND BEARING ON THE UNDISTURBED SOIL OF 1500 P.S.F.
4. "B"= HEIGHT OF THRUST BLOCK
5. ALL PLUGS SHALL BE SEPARATED FROM THE CONCRETE THRUST BLOCK BY A LAYER OF 5 MIL PLASTIC SHEET
6. ALL POURED CONCRETE SHALL BE 3000 psi @ 28 DAYS.
7. IN ADDITION TO THRUST BLOCKING, MECHANICAL JOINT RESTRAINT SHALL BE INSTALLED ON ALL FITTINGS. D.I.P. MECHANICAL JOINT RESTRAINT SHALL BE MEGALUG AS MANUFACTURED BY EBAA IRON ~~OR APPROVED EQUAL~~. WHEN RESTRAINING HDPE PIPE TO D.I.P. MJ FITTINGS, MECHANICAL JOINT RESTRAINT SHALL BE SERIES 2000PV AS MANUFACTURED BY EBAA IRON ~~OR APPROVED EQUAL~~.
8. NUTS, BOLTS AND THREADED RODS SHALL BE STAINLESS STEEL.

VERTICAL THRUST RESTRAINT—
UPWARD BEND

BEND		SIZE								
		6"	8"	10"	12"	16"	20"	24"	30"	36"
1 1/4	G	6"	8"	10"	1'-0"	1'-4"	1'-8"	2'-0"	2'-6"	3'-0"
	H	1'-2"	1'-4"	1'-6"	1'-8"	2'-0"	2'-4"	2'-8"	3'-2"	3'-10"
	J	7"	7"	8"	8"	9"	10"	1'-0"	1'-1"	1'-2"
22 1/2	G	9"	1'-0"	1'-6"	1'-4"	2'-3"	3'-0"	3'-6"	4'-2"	5'-4"
	H	1'-2"	1'-4"	1'-6"	1'-8"	2'-0"	2'-4"	2'-8"	3'-2"	4'-0"
	J	8"	9"	10"	11"	1'-2"	1'-4"	1'-6"	1'-9"	2'-0"
45°	G	1'-3"	1'-8"	2'-1"	2'-6"	3'-4"	4'-2"	5'-0"	6'-3"	7'-6"
	H	1'-2"	1'-4"	1'-6"	1'-10"	2'-6"	3'-0"	3'-4"	4'-0"	5'-0"
	J	8"	9"	10"	11"	1'-2"	1'-4"	1'-6"	2'-3"	2'-8"

NOTES :

1. ALL CAST-IN-PLACE CONCRETE SHALL BE PLACED BEARING AGAINST UNDISTURBED EARTH. THRUST BLOCK DIMENSIONS SHALL BE AS REQUIRED TO BEAR AGAINST UNDISTURBED EARTH BUT NOT LESS THAN LISTED IN THRUST BLOCK TABLE.
2. ALL CAST-IN-PLACE CONCRETE SHALL BE 3000 P.S.I. @ 28 DAYS.
3. ALL STRAPS TO BE 3"W X 1/2" WROUGHT IRON. APPLY TWO COATS OF APPROVED BITUMINOUS PAINT TO EXPOSED STRAP.
4. ALL RODS TO BE WROUGHT IRON AS SHOWN ON TABLE, THREADED ONE END AND BENT THE OTHER. APPLY TWO COATS OF APPROVED BITUMINOUS PAINT TO EXPOSED AREAS.



STRAP & ROD DETAIL

N.T.S.

ROD SCHEDULE

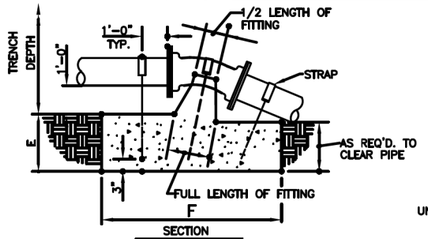
PIPE SIZE	ROD SIZE (IN) 11 1/4°	22 1/2°	45°	NO. REQ'D.
6"	3/4"	3/4"	3/4"	6
8"	3/4"	3/4"	3/4"	6
10"	3/4"	3/4"	3/4"	6
12"	3/4"	3/4"	3/4"	6
16"	3/4"	3/4"	3/4"	6
20"	3/4"	3/4"	3/4"	8
24"	3/4"	3/4"	3/4"	10
30"	3/4"	3/4"	7/8"	10
36"	3/4"	7/8"	7/8"	12

VERTICAL THRUST RESTRAINT—
DOWNWARD BEND

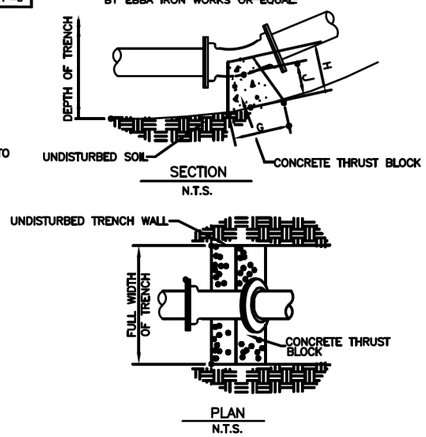
BEND		SIZE								
		6"	8"	10"	12"	16"	20"	24"	30"	36"
1 1/4	D	1'-6"	1'-9"	2'-0"	3'-0"	3'-6"	4'-0"	4'-3"	4'-6"	5'-0"
	E	1'-3"	1'-6"	1'-9"	2'-0"	2'-3"	2'-6"	2'-9"	3'-0"	4'-0"
	F	2'-0"	2'-6"	2'-9"	3'-0"	4'-0"	5'-0"	5'-9"	6'-6"	7'-0"
22 1/2	D	2'-0"	3'-4"	3'-8"	4'-0"	4'-4"	4'-8"	5'-0"	5'-4"	6'-0"
	E	1'-9"	2'-3"	2'-6"	2'-6"	2'-6"	2'-8"	3'-8"	4'-6"	5'-6"
	F	2'-6"	2'-8"	3'-10"	4'-0"	5'-6"	7'-6"	8'-6"	8'-6"	10'-0"
45°	D	2'-6"	3'-0"	4'-0"	4'-6"	5'-2"	5'-6"	6'-0"	6'-6"	7'-6"
	E	2'-6"	2'-9"	3'-0"	3'-6"	4'-0"	4'-6"	5'-6"	6'-0"	6'-0"
	F	3'-0"	4'-0"	4'-6"	4'-9"	6'-6"	8'-0"	9'-6"	11'-0"	11'-6"

NOTES:

1. ALL H & J DIMENSIONS TO BE AS REQUIRED TO BEAR AGAINST UNDISTURBED EARTH BUT NOT LESS THAN LISTED IN THRUST BLOCK TABLE.
2. ALL CAST-IN-PLACE CONCRETE SHALL BE 3000 P.S.I. @ 28 DAYS.
3. ALL CAST-IN-PLACE CONCRETE SHALL BE PLACED THE FULL WIDTH OF TRENCH FROM UNDISTURBED WALL TO UNDISTURBED WALL.
4. RESTRAINED JOINTS SHALL BE ACCEPTABLE FOR PUSH ON PIPE IN LIEU OF CONCRETE THRUST BLOCKING. RESTRAINED JOINTS SHALL BE SERIES 2800 BELL RESTRAINING HARNESS AS MANUFACTURED BY EBBA IRON WORKS ~~OR EQUAL~~



THRUST BLOCK DETAIL
FOR VERTICAL ALIGNMENT
DOWNWARD BEND



THRUST BLOCK DETAIL
FOR VERTICAL ALIGNMENT
UPWARD BEND

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC2-sht-watermain-Detail2.dgn

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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED WATERMAIN
LONGMEADOW PARKWAY SECTION C2
VALVE VAULT DETAIL

SCALE: - | SHEET 5 OF 7 SHEETS | STA. - | TO STA. Station To

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	140
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

COMBINATION AIR RELEASE VALVE MANHOLE
RIM = 853.75
6' DIA MANHOLE
STA. 532+80.69
O/S 211.74' LT

VERT BEND 45°
STA. 532+82.57
O/S 89.62' LT

VERT BEND 45°
STA. 532+82.57
O/S 85.00' LT

BEND 45°
STA. 532+81.98
O/S 66.69' LT

EX. 10" DIA FORCEMAIN
(DIP CL 53)
R & D EX. FORCE MAIN 260 FT.
CONNECT TO EXISTING
BEND 45°
BYPASS PUMPING
STA. 532+82.57
O/S 219.23 LT

SANITARY SEWER, DUCTILE IRON
10" (FORCE MAIN) (233 LF)

FORCE MAIN CLEANOUT VAULT
6' DIA MANHOLE
RIM = 856.06
STA. 532+98.84
O/S 50.23' LT

PR VERT BEND 45°
STA. 533+09.44
O/S 39.45' LT

PR VERT BEND 45°
STA. 533+19.31
O/S 29.40' LT

CONNECT TO EXISTING
BEND 45°
BYPASS PUMPING
STA. 533+39.13
O/S 9.22' LT

N

PLAN
H: 1" = 50'

705+00
2240+00
2245+00
2250+00
PR LONGMEADOW PARKWAY
535+00
540+00
EX BOLZ ROAD
530+00

LOCAL COORDINATE SYSTEM

PROFILE
H: 1" = 10'
V: 1" = 5'

PR COMBINATION AIR RELEASE VALVE
EX GROUND AT FORCE MAIN
FORCE MAIN CLEANOUT
FIBER OPTIC (REMOVED)
GAS
PR GROUND AT FORCE MAIN
PR ℄ LONGMEADOW PARKWAY
PR VERT BEND
CONNECT TO EXISTING
18" MIN
EX FORCE MAIN
FLOW
CONNECTION TO EXISTING
5.5' MIN.
PR 27" RCP
PR VERT BEND
EX 24" RCP
4" GAS
PR FORCE MAIN
18" MIN
PR VERT BEND
PR HORIZ BEND
PR VERT BEND

860 855 850 845 840

OFFSETS FROM BOLZ RD ℄ 220' LT 210' LT 200' LT 190' LT 180' LT 170' LT 160' LT 150' LT 140' LT 130' LT 120' LT 110' LT 100' LT 90' LT 80' LT 70' LT 60' LT 50' LT 40' LT 30' LT 20' LT 10' LT 0'

PLAN
SURVEYED
PLOTTED
DESIGNS CHECKED
R/W, EASEMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
DESIGNS CHECKED
R/W, NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

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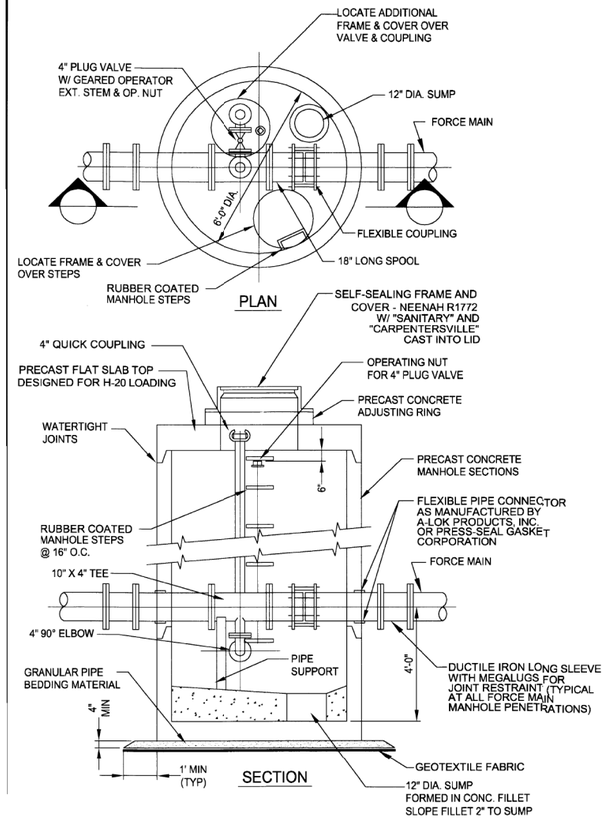
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED FORCED MAIN RELOCATION
LONGMEADOW PARKWAY SECTION C2
WATER SERVICE DETAIL

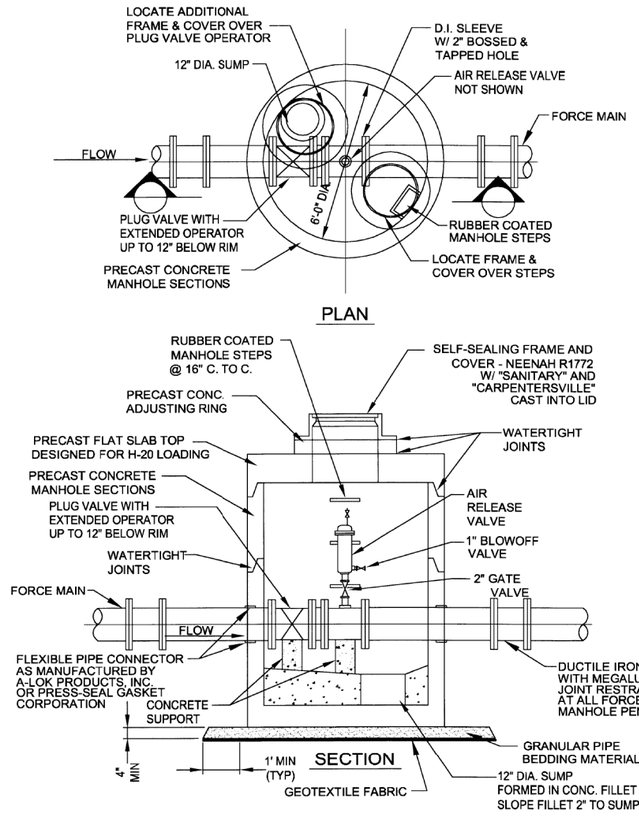
SCALE: - | SHEET 6 OF 7 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298		KANE	415	141
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		



FORCE MAIN CLEANOUT VAULT DETAIL
NOT TO SCALE

NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION TO VERIFY ACCESSIBILITY
2. ALL VALVES AND FITTINGS INSIDE STRUCTURE SHALL BE FLANGED.



COMBINATION AIR RELEASE VALVE MANHOLE DETAIL
NOT TO SCALE

NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO CONSTRUCTION TO VERIFY ACCESSIBILITY
2. ALL VALVES AND FITTINGS INSIDE STRUCTURE SHALL BE FLANGED.

LOCAL COORDINATE SYSTEM

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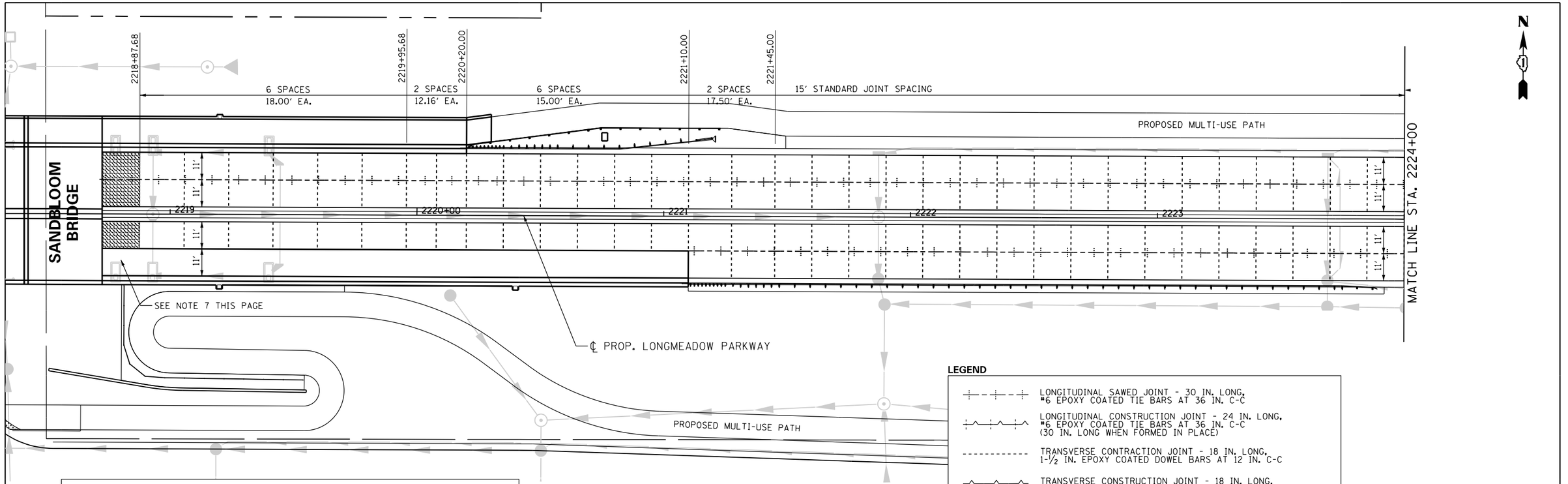
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED FORCE MAIN
LONGMEADOW PARKWAY SECTION C2
FORCE MAIN DETAILS

SCALE: - | SHEET 7 OF 7 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	142
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

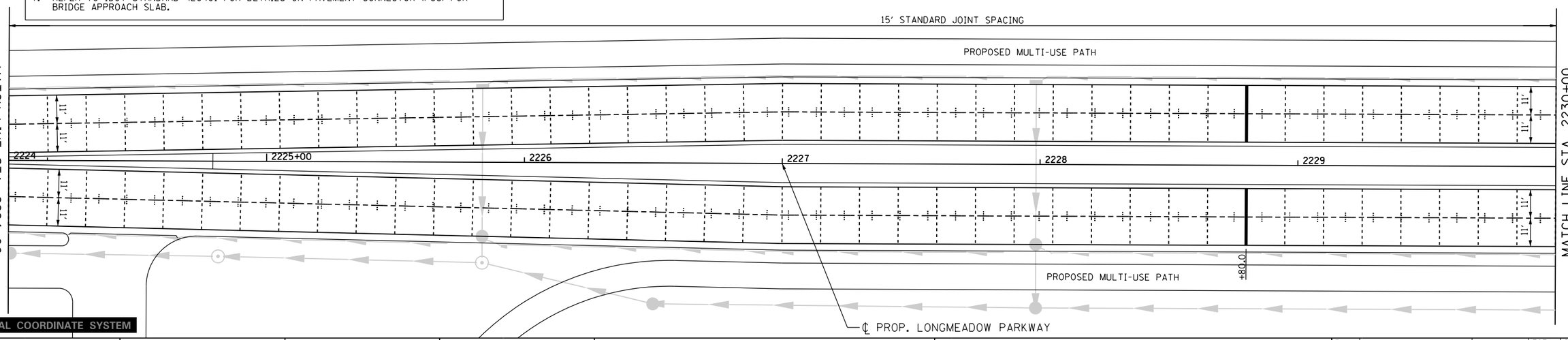


LEGEND

- LONGITUDINAL SAWED JOINT - 30 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C
- LONGITUDINAL CONSTRUCTION JOINT - 24 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C (30 IN. LONG WHEN FORMED IN PLACE)
- TRANSVERSE CONTRACTION JOINT - 18 IN. LONG, 1-½ IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C
- TRANSVERSE CONSTRUCTION JOINT - 18 IN. LONG, 1-½ IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C
- TRANSVERSE EXPANSION JOINT - 18 IN. LONG, 1-½ IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C (EVERY 1000 FEET, FINAL LOCATION DETERMINED BY ENGINEER)
- XXXX.XX — PROPOSED TOP OF PAVEMENT ELEVATION

NOTES

1. REFER TO IDOT STANDARD 420001 FOR ADDITIONAL DETAILS ON PAVEMENT JOINTS.
2. REFER TO IDOT STANDARD 420111 AND DISTRICT 1 STANDARD BD-48 FOR PCC PAVEMENT ROUNDOUTS.
3. ELEVATIONS NOT SHOWN SHALL BE OBTAINED FROM THE PLAN AND PROFILE AND THE TYPCIAL SECTIONS.
4. MAINLINE TRANSVERSE JOINTS SHALL EXTEND THROUGH THE ADJACENT CURB AND GUTTER OR CONCRETE MEDIAN.
5. TRANSVERSE JOINTS ARE DESIGNED AT STANDARD 15' SPACING, UNLESS NOTED OTHERWISE. MODIFICATION OF JOINTING LAYOUT SHALL BE APPROVED BY THE ENGINEER.
6. JOINT SPACING PROVIDED HAS BEEN BASED OFF OF THE CENTERLINE ALIGNMENT, INCLUDING BOTH STRIAGHT SECTIONS AND IN CURVES. JOINTS ARE SHOWN PERPENDICULAR TO ROADWAY PAVEMENT.
7. REFER TO IDOT STANDARD 420401 FOR DETAILS ON PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB.



LOCAL COORDINATE SYSTEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=20' | SHEET 1 OF 9 SHEETS | STA. 2218+33.13 TO STA. 2230+00

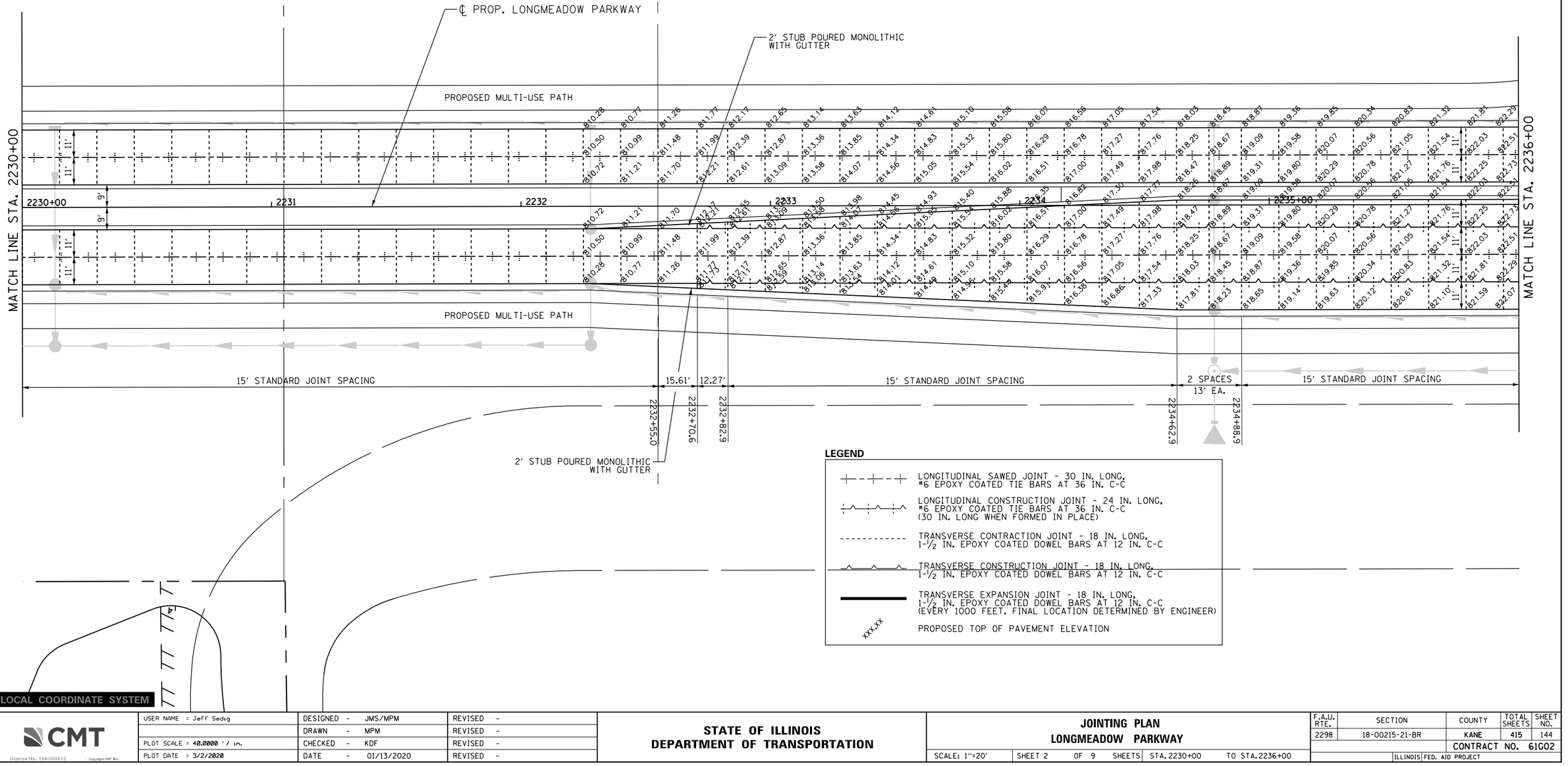
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	143
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

N

1"=20'

NOTES

1. REFER TO IDOT STANDARD 420001 FOR ADDITIONAL DETAILS ON PAVEMENT JOINTS.
2. REFER TO IDOT STANDARD 420111 AND DISTRICT 1 STANDARD BD-48 FOR PCC PAVEMENT ROUNDOUTS.
3. ELEVATIONS NOT SHOWN SHALL BE OBTAINED FROM THE PLAN AND PROFILE AND THE TYPCIAL SECTIONS.
4. MAINLINE TRANSVERSE JOINTS SHALL EXTEND THROUGH THE ADJACENT CURB AND GUTTER OR CONCRETE MEDIAN.
5. TRANSVERSE JOINTS ARE DESIGNED AT STANDARD 15' SPACING, UNLESS NOTED OTHERWISE. MODIFICATION OF JOINTING LAYOUT SHALL BE APPROVED BY THE ENGINEER.
6. JOINT SPACING PROVIDED HAS BEEN BASED OFF OF THE CENTERLINE ALIGNMENT, INCLUDING BOTH STRIAGHT SECTIONS AND IN CURVES. JOINTS ARE SHOWN PERPENDICULAR TO ROADWAY PAVEMENT.



LEGEND

- LONGITUDINAL SAWED JOINT - 30 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C
- LONGITUDINAL CONSTRUCTION JOINT - 24 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C (30 IN. LONG WHEN FORMED IN PLACE)
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- TRANSVERSE CONSTRUCTION JOINT - 18 IN. LONG, 1-1/2 IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C
- TRANSVERSE EXPANSION JOINT - 18 IN. LONG, 1-1/2 IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C (EVERY 1000 FEET. FINAL LOCATION DETERMINED BY ENGINEER)
- XXX.XX PROPOSED TOP OF PAVEMENT ELEVATION

LOCAL COORDINATE SYSTEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=20' | SHEET 2 OF 9 SHEETS | STA. 2230+00 | TO STA. 2236+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	144
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

NW QUADRANT

	STATION	OFFSET	ELEV.
A	2237+26.35	95.16 LT	825.46
B	2237+25.14	79.00 LT	825.75
C	2237+23.37	66.67 LT	825.87
D	2237+21.53	67.45 LT	825.82
E	2237+16.34	54.33 LT	825.82
F	2237+14.73	55.52 LT	825.76
G	2237+12.18	49.25 LT	825.62
H	2237+10.71	50.60 LT	825.56
I	2237+04.34	42.00 LT	825.53
J	2237+03.11	43.58 LT	825.47
K	2236+98.02	37.70 LT	825.49
L	2237+97.00	39.42 LT	825.43
M	2236+83.85	33.61 LT	825.16

NE QUADRANT

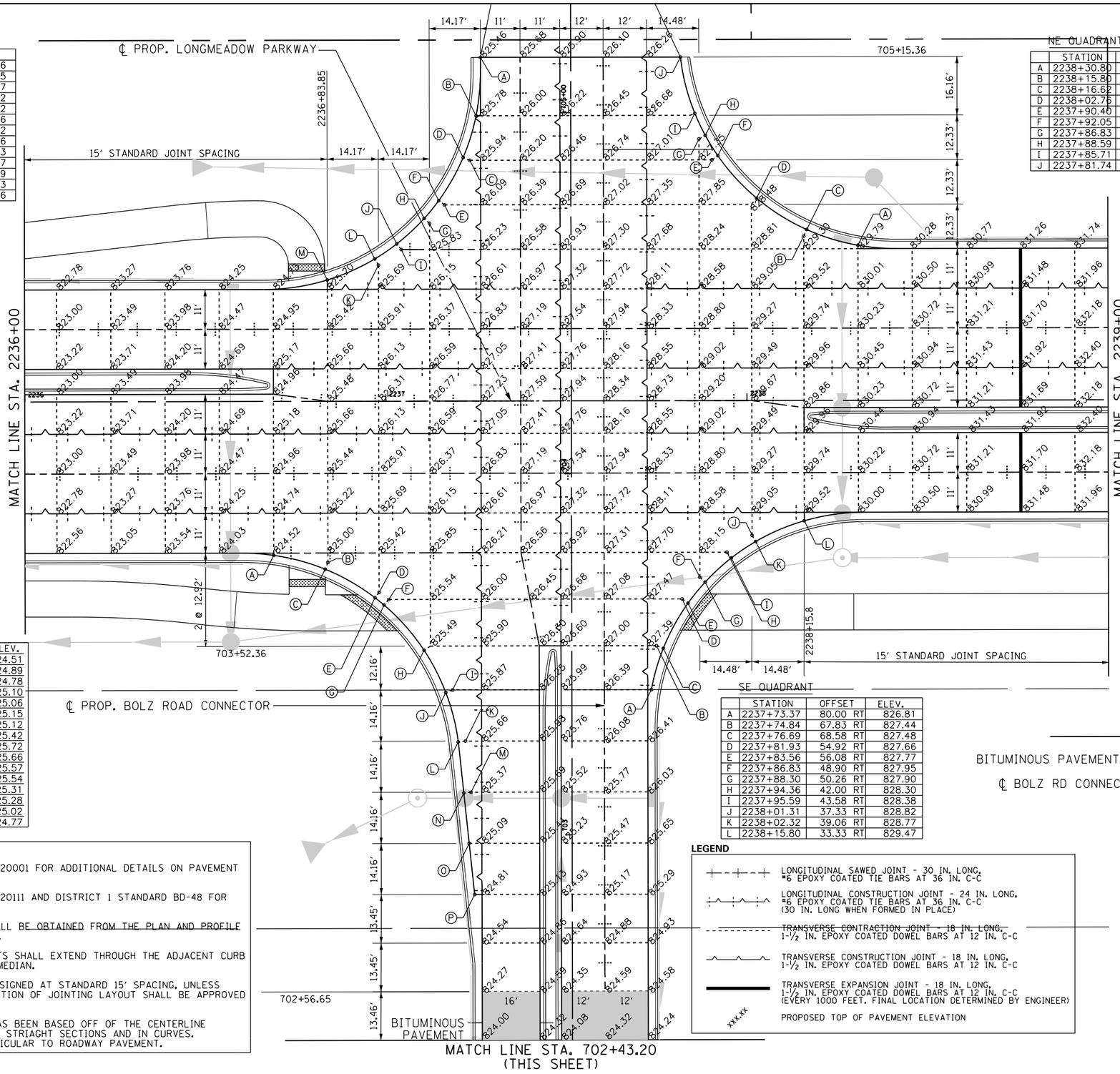
	STATION	OFFSET	ELEV.
A	2238+30.80	42.93 LT	829.74
B	2238+15.80	45.51 LT	829.21
C	2238+16.62	47.33 LT	829.19
D	2238+02.75	56.05 LT	828.51
E	2237+90.40	66.67 LT	827.44
F	2237+92.05	67.81 LT	827.44
G	2237+86.83	72.47 LT	827.18
H	2237+88.59	73.42 LT	827.20
I	2237+85.71	79.55 LT	826.96
J	2237+81.74	95.16 LT	826.44

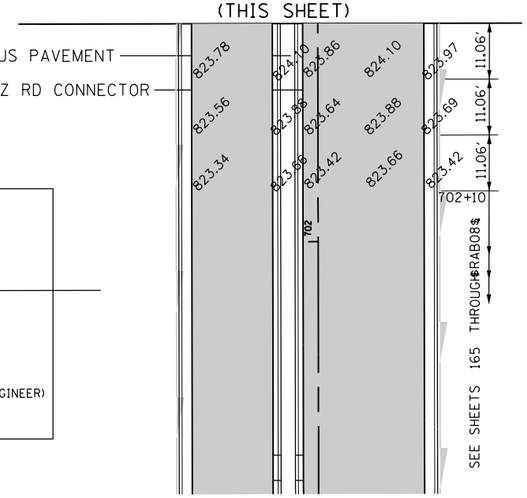
SW QUADRANT

	STATION	OFFSET	ELEV.
A	2236+68.87	42.61 RT	824.51
B	2236+83.85	44.63 RT	824.89
C	2236+83.10	46.48 RT	824.78
D	2236+98.02	52.92 RT	825.10
E	2236+96.88	54.40 RT	825.06
F	2237+00.69	54.92 RT	825.15
G	2236+99.39	56.44 RT	825.12
H	2237+10.44	68.98 RT	825.42
I	2237+18.31	80.00 RT	825.72
J	2237+16.44	80.71 RT	825.66
K	2237+21.85	94.16 RT	825.57
L	2237+19.86	94.37 RT	825.54
M	2237+23.36	108.32 RT	825.31
N	2237+21.37	108.53 RT	825.28
O	2237+22.88	122.85 RT	825.02
P	2237+24.34	136.64 RT	824.77

SE QUADRANT

	STATION	OFFSET	ELEV.
A	2237+73.37	80.00 RT	826.81
B	2237+74.84	67.83 RT	827.44
C	2237+76.69	68.58 RT	827.48
D	2237+81.93	54.92 RT	827.66
E	2237+83.56	56.08 RT	827.77
F	2237+86.83	48.90 RT	827.95
G	2237+88.30	50.26 RT	827.90
H	2237+94.36	42.00 RT	828.30
I	2237+95.59	43.58 RT	828.38
J	2238+01.31	37.33 RT	828.82
K	2238+02.32	39.06 RT	828.77
L	2238+15.80	33.33 RT	829.47





NOTES

1. REFER TO IDOT STANDARD 420001 FOR ADDITIONAL DETAILS ON PAVEMENT JOINTS.
2. REFER TO IDOT STANDARD 420111 AND DISTRICT 1 STANDARD BD-48 FOR PCC PAVEMENT ROUNDOUTS.
3. ELEVATIONS NOT SHOWN SHALL BE OBTAINED FROM THE PLAN AND PROFILE AND THE TYPCIAL SECTIONS.
4. MAINLINE TRANSVERSE JOINTS SHALL EXTEND THROUGH THE ADJACENT CURB AND GUTTER OR CONCRETE MEDIAN.
5. TRANSVERSE JOINTS ARE DESIGNED AT STANDARD 15' SPACING, UNLESS NOTED OTHERWISE. MODIFICATION OF JOINTING LAYOUT SHALL BE APPROVED BY THE ENGINEER.
6. JOINT SPACING PROVIDED HAS BEEN BASED OFF OF THE CENTERLINE ALIGNMENT, INCLUDING BOTH STRIAGHT SECTIONS AND IN CURVES. JOINTS ARE SHOWN PERPENDICULAR TO ROADWAY PAVEMENT.

LEGEND

- LONGITUDINAL SAWED JOINT - 30 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C
- LONGITUDINAL CONSTRUCTION JOINT - 24 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C (30 IN. LONG WHEN FORMED IN PLACE)
- TRANSVERSE CONTRACTION JOINT - 18 IN. LONG, 1-½ IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C
- TRANSVERSE CONSTRUCTION JOINT - 18 IN. LONG, 1-½ IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C
- TRANSVERSE EXPANSION JOINT - 18 IN. LONG, 1-½ IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C (EVERY 1000 FEET. FINAL LOCATION DETERMINED BY ENGINEER)
- XXX.XX PROPOSED TOP OF PAVEMENT ELEVATION

LOCAL COORDINATE SYSTEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING /INTERSECTION GRADING PLAN
LONGMEADOW PARKWAY AND BOLZ ROAD CONNECTOR

SCALE: 1"=15' | SHEET 3 OF 9 SHEETS | STA. 2236+00 TO STA. 2239+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	145
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

N

1"=20'

NOTES

1. REFER TO IDOT STANDARD 420001 FOR ADDITIONAL DETAILS ON PAVEMENT JOINTS.
2. REFER TO IDOT STANDARD 420111 AND DISTRICT 1 STANDARD BD-48 FOR PCC PAVEMENT ROUNDOUTS.
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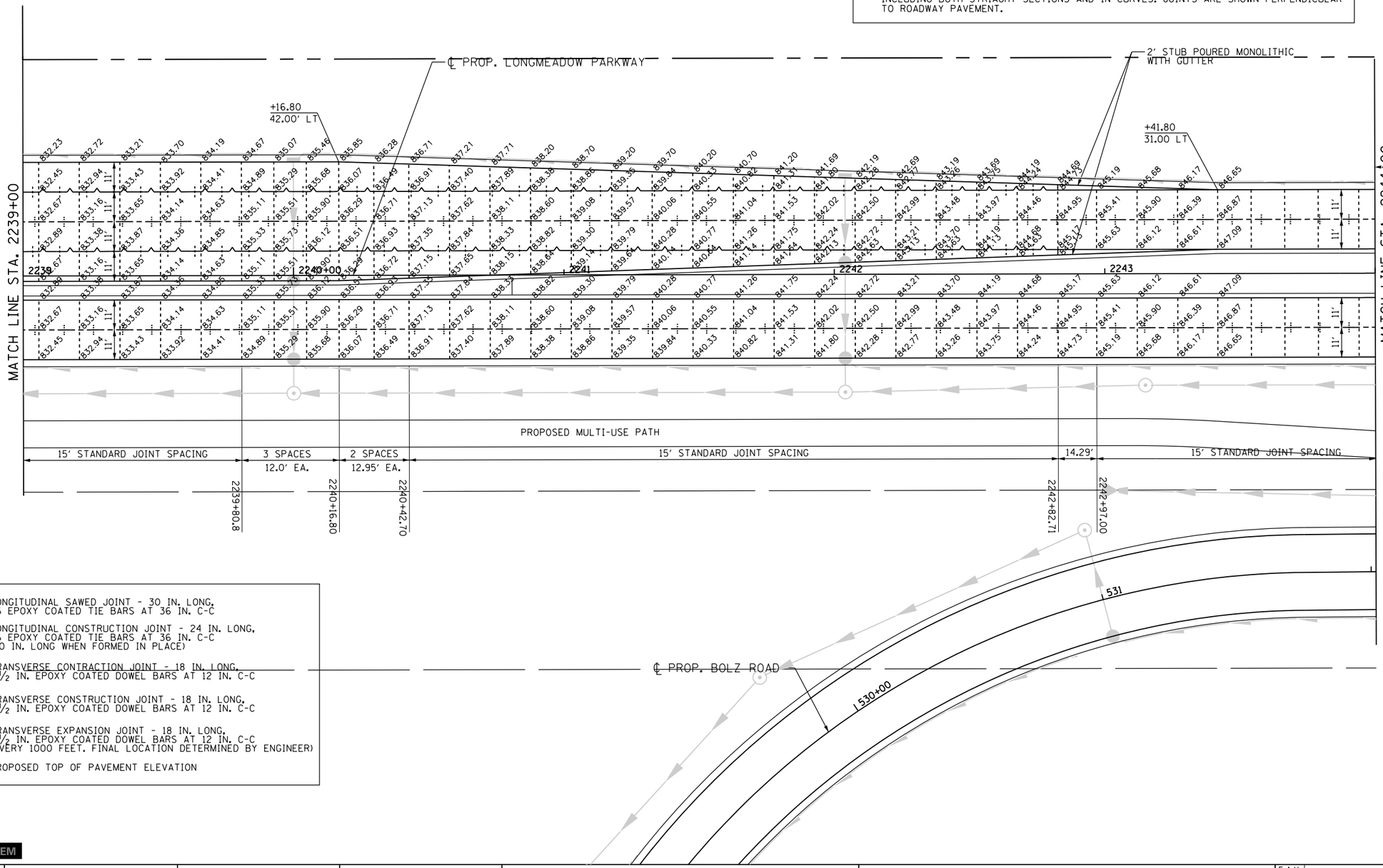
4. MAINLINE TRANSVERSE JOINTS SHALL EXTEND THROUGH THE ADJACENT CURB AND GUTTER OR CONCRETE MEDIAN.
5. TRANSVERSE JOINTS ARE DESIGNED AT STANDARD 15' SPACING, UNLESS NOTED OTHERWISE. MODIFICATION OF JOINTING LAYOUT SHALL BE APPROVED BY THE ENGINEER.
6. JOINT SPACING PROVIDED HAS BEEN BASED OFF OF THE CENTERLINE ALIGNMENT, INCLUDING BOTH STRIAGHT SECTIONS AND IN CURVES. JOINTS ARE SHOWN PERPENDICULAR TO ROADWAY PAVEMENT.



LEGEND

- LONGITUDINAL SAWED JOINT - 30 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C
- LONGITUDINAL CONSTRUCTION JOINT - 24 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C (30 IN. LONG WHEN FORMED IN PLACE)
- TRANSVERSE CONTRACTION JOINT - 18 IN. LONG, 1-½ IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C
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- TRANSVERSE EXPANSION JOINT - 18 IN. LONG, 1-½ IN. EPOXY COATED DOWEL BARS AT 12 IN. C-C (EVERY 1000 FEET. FINAL LOCATION DETERMINED BY ENGINEER)
- XXX.XX PROPOSED TOP OF PAVEMENT ELEVATION

LOCAL COORDINATE SYSTEM

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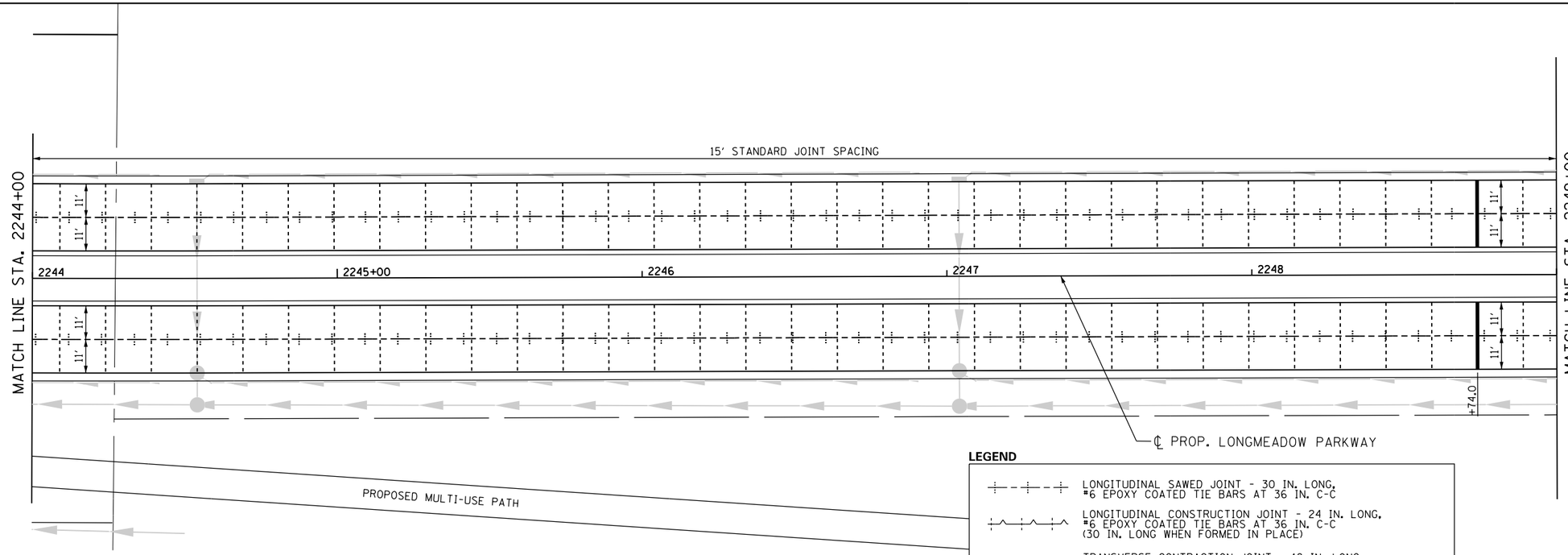
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=20' | SHEET 4 OF 9 SHEETS | STA. 2239+00 | TO STA. 2244+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	146
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		



LEGEND

- LONGITUDINAL SAWED JOINT - 30 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C
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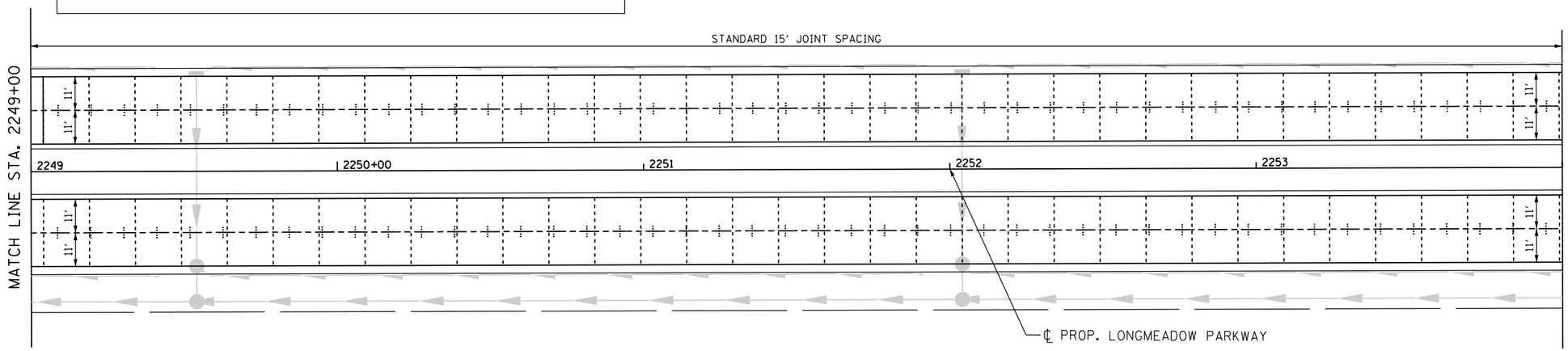
- XXX.XX PROPOSED TOP OF PAVEMENT ELEVATION

NOTES

1. REFER TO IDOT STANDARD 420001 FOR ADDITIONAL DETAILS ON PAVEMENT JOINTS.
2. REFER TO IDOT STANDARD 420111 AND DISTRICT 1 STANDARD BD-48 FOR PCC PAVEMENT ROUNDOUTS.
3. ELEVATIONS NOT SHOWN SHALL BE OBTAINED FROM THE PLAN AND PROFILE AND THE TYPCIAL SECTIONS.
4. MAINLINE TRANSVERSE JOINTS SHALL EXTEND THROUGH THE ADJACENT CURB AND GUTTER OR CONCRETE MEDIAN.
5. TRANSVERSE JOINTS ARE DESIGNED AT STANDARD 15' SPACING, UNLESS NOTED OTHERWISE. MODIFICATION OF JOINTING LAYOUT SHALL BE APPROVED BY THE ENGINEER.
6. JOINT SPACING PROVIDED HAS BEEN BASED OFF OF THE CENTERLINE ALIGNMENT, INCLUDING BOTH STRIAGHT SECTIONS AND IN CURVES. JOINTS ARE SHOWN PERPENDICULAR TO ROADWAY PAVEMENT.



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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

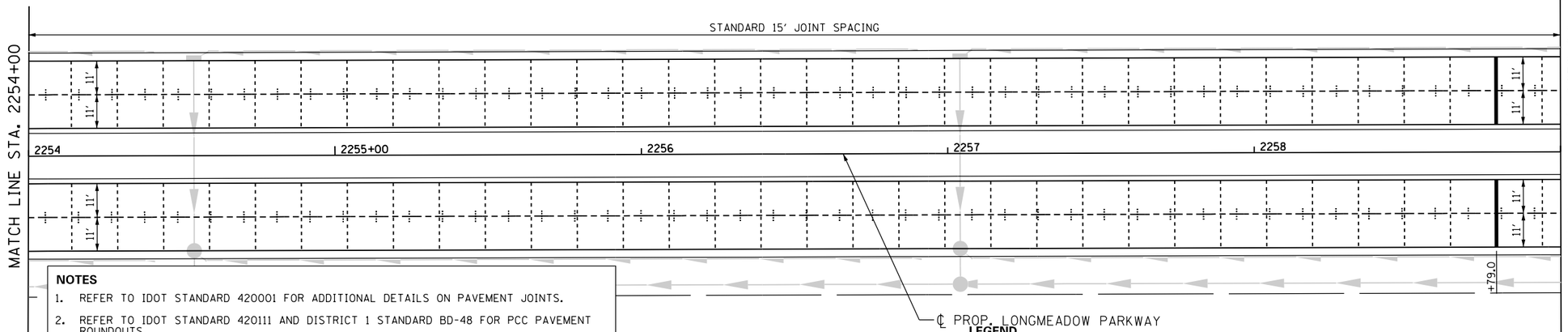
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=20' | SHEET 5 OF 9 SHEETS | STA. 2244+00 TO STA. 2254+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	147
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

FILE NAME = L:\KANECO\13296-02_Longmeadow Pkwy\Draw\CADD_Sheets\Section\C2-sht-Jointing-Long-05_cmt.dgn



NOTES

1. REFER TO IDOT STANDARD 420001 FOR ADDITIONAL DETAILS ON PAVEMENT JOINTS.
2. REFER TO IDOT STANDARD 420111 AND DISTRICT 1 STANDARD BD-48 FOR PCC PAVEMENT ROUNDOUTS.
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LEGEND

- LONGITUDINAL SAWED JOINT - 30 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C
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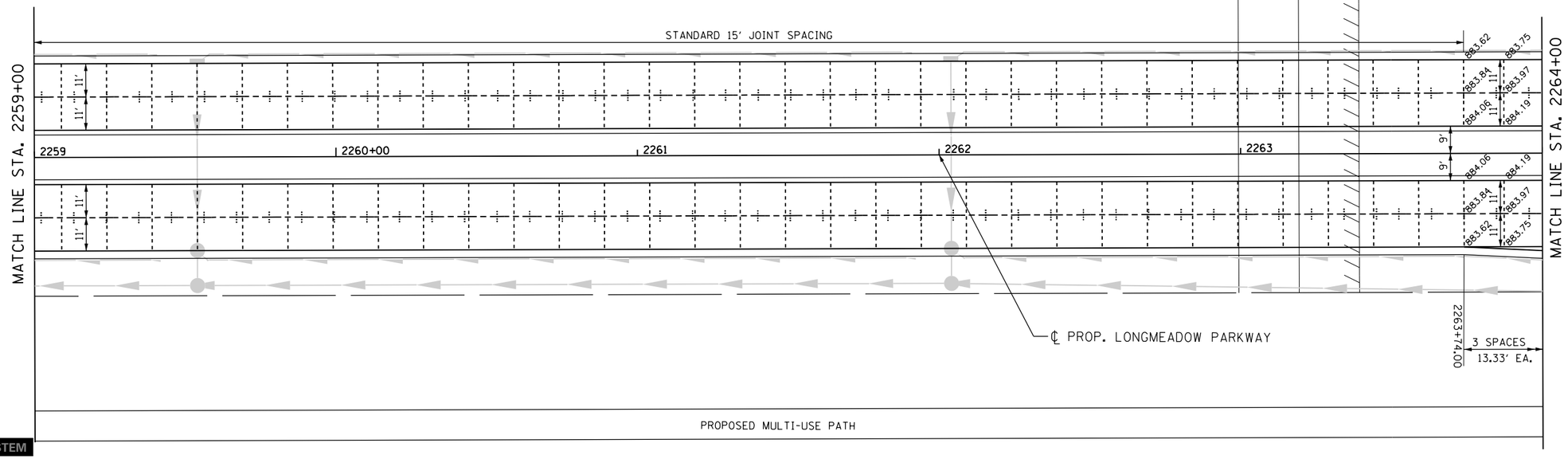
- XXX.XX PROPOSED TOP OF PAVEMENT ELEVATION



LOCAL COORDINATE SYSTEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=20' | SHEET 6 OF 9 SHEETS | STA. 2254+00 TO STA. 2264+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	148
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

N

1"=20'

NOTES

1. REFER TO IDOT STANDARD 420001 FOR ADDITIONAL DETAILS ON PAVEMENT JOINTS.
2. REFER TO IDOT STANDARD 420111 AND DISTRICT 1 STANDARD BD-48 FOR PCC PAVEMENT ROUNDOUTS.
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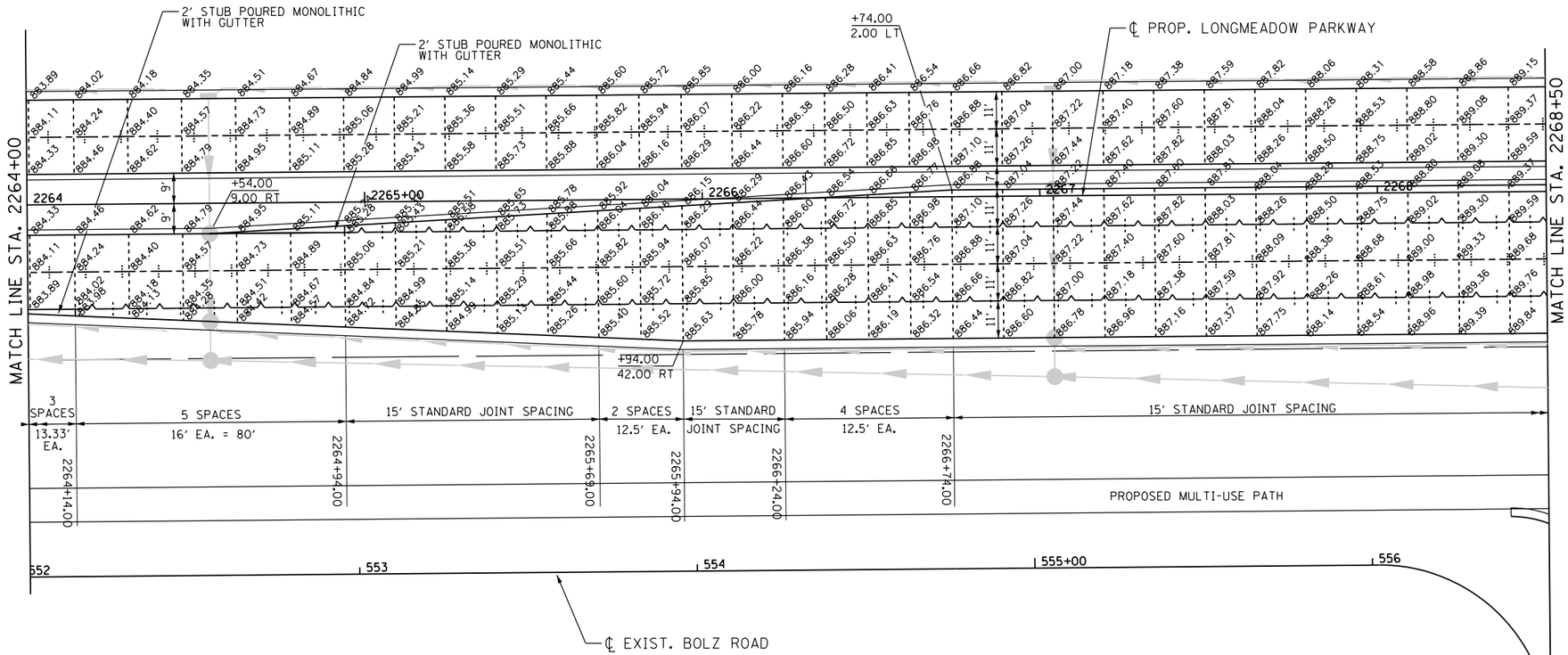

LEGEND

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- XXX.XX PROPOSED TOP OF PAVEMENT ELEVATION

LOCAL COORDINATE SYSTEM

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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=20' | SHEET 7 OF 9 SHEETS | STA. 2264+00 | TO STA. 2268+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	149
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

MATCH LINE STA. 2268+50

2269+29.00

2269+66.22
34.66' LT
891.55

2270+10.35
9.00 LT

2270+10.35
2.00 LT

2269+81.77
41.01 RT
893.34

2269+95.06
48.25 RT
893.91

2270+07.94
56.23 RT
894.61

612+11.39
48.74 LT
895.37

612+03.46
35.00 LT
895.98

612+15.82
9.00 LT

612+15.82
2.00 LT

•612+13.84
3.44 LT

•612+05.19
3.00 LT

•612+13.99
5.40 LT

•611+93.07
8.00 LT

611+84.24
31.00 LT

2269+14.00
42.12 RT
891.99

2269+29.00
43.46 RT
892.17

2269+39.73
45.37 RT
892.24

2269+50.98
48.26 RT
892.42

2269+61.49
51.82 RT
892.68

2269+67.90
35.00 RT
892.90

2269+73.88
57.19 RT
893.12

2269+85.74
63.65 RT
893.69

2269+96.97
71.16 RT
894.39

611+95.67
61.78 LT
895.15

611+86.62
51.79 LT
895.84

611+75.52
41.68 LT
896.49

611+65.00
34.71 LT
896.96

611+48.33
31.00 LT
897.47

R=84'

R=1'

R=12'

• MEASUREMENTS WITH ASTERISK ARE FROM THE FACE OF PROPOSED CURB

PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
AGGREGATE SUBGRADE IMPROVEMENT 12"

PROP. CONC MEDIAN
TYPE SB-6.12

MATCH LINE STA. 611+00
(SEE INSET A THIS SHEET)

MATCH LINE STA. 611+00

610+67.24
31.00 LT

609+74.24
2.00 LT

608+82.19
3.00 RT

608+81.87
9.00 LT

608+75.88
9.00 LT

608+75.88
9.00 LT

PORTLAND CEMENT CONCRETE P
AGGREGATE SUBGRADE IMPROVE

PROP. CONC MEDIAN
TYPE SB-6.12

R=12'

10+00

INSET A

N

1"=15'

LEGEND

- LONGITUDINAL SAWED JOINT - 30 IN. LONG, #6 EPOXY COATED TIE BARS AT 36 IN. C-C
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- XXX.XX PROPOSED TOP OF PAVEMENT ELEVATION

LOCAL COORDINATE SYSTEM

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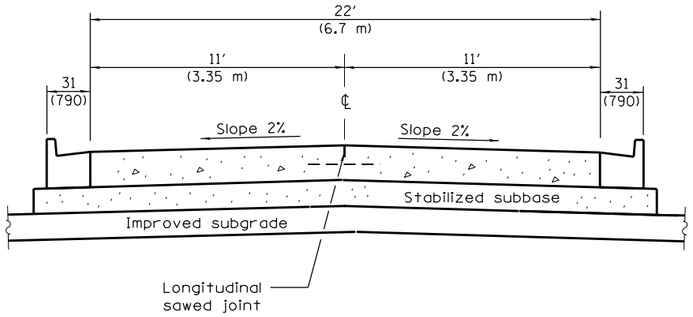
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING /INTERSECTION GRADING PLAN
LONGMEADOW PARKWAY AND IL ROUTE 25

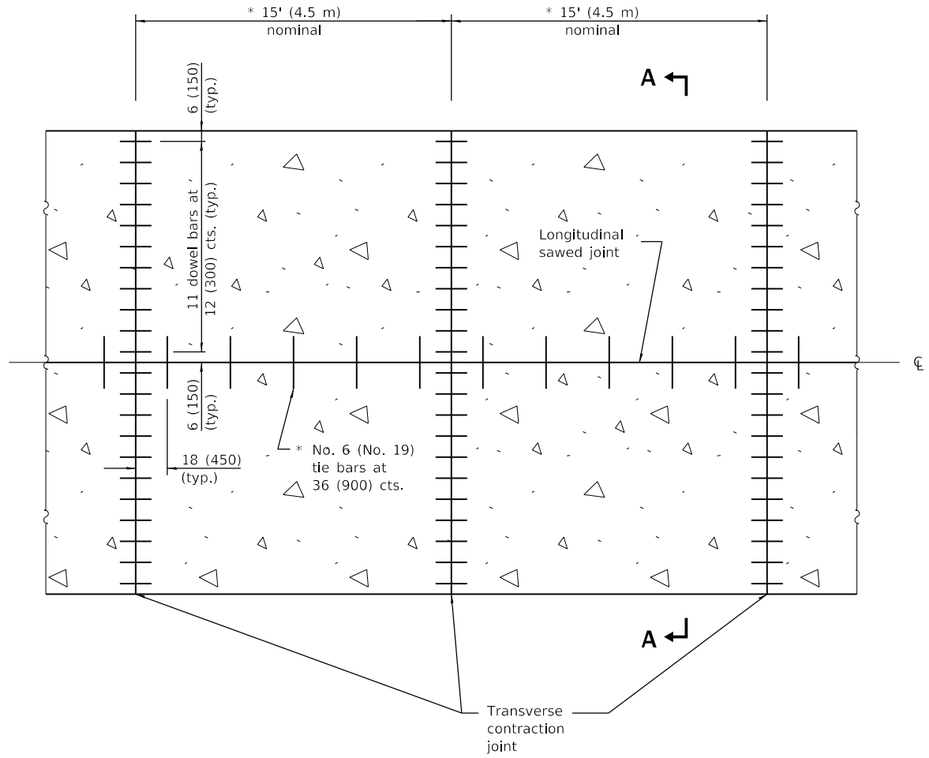
SCALE: 1"=15' | SHEET 8 OF 9 SHEETS | STA. 2268+50 TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	150
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



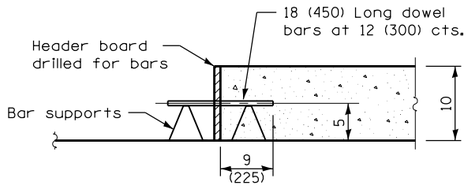
SECTION A–A

(TYPICAL 2-LANE WITH CURB & GUTTER)

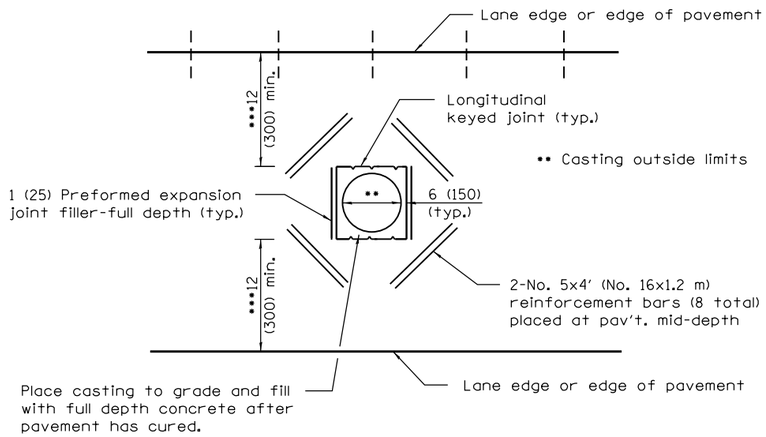


PAVEMENT PLAN

* The 15' (4.5 m) dimension shall be adjusted to 12' (3.6 m) min. to 18' (5.5 m) max. when placed adjacent to existing pcc pavement structure so that the joints are in prolongation. Adjust the tie bar spacing to maintain a clearance of 6 (150) from dowel bars.



TRANSVERSE CONSTRUCTION JOINT



••• When the 12 (300) minimum cannot be achieved, the transverse joints shall be extended to either the longitudinal joint or edge of pavement.

DETAIL OF ADDED REINFORCEMENT FOR PAVEMENT BLOCKS–OUTS

GENERAL NOTES

See Standard 420001 for details of joints not shown.

All dimensions are in inches (millimeters) unless otherwise shown.

To be used in place of IDOT Standard 420101 to reflect 11′ lanes.

LOCAL COORDINATE SYSTEM

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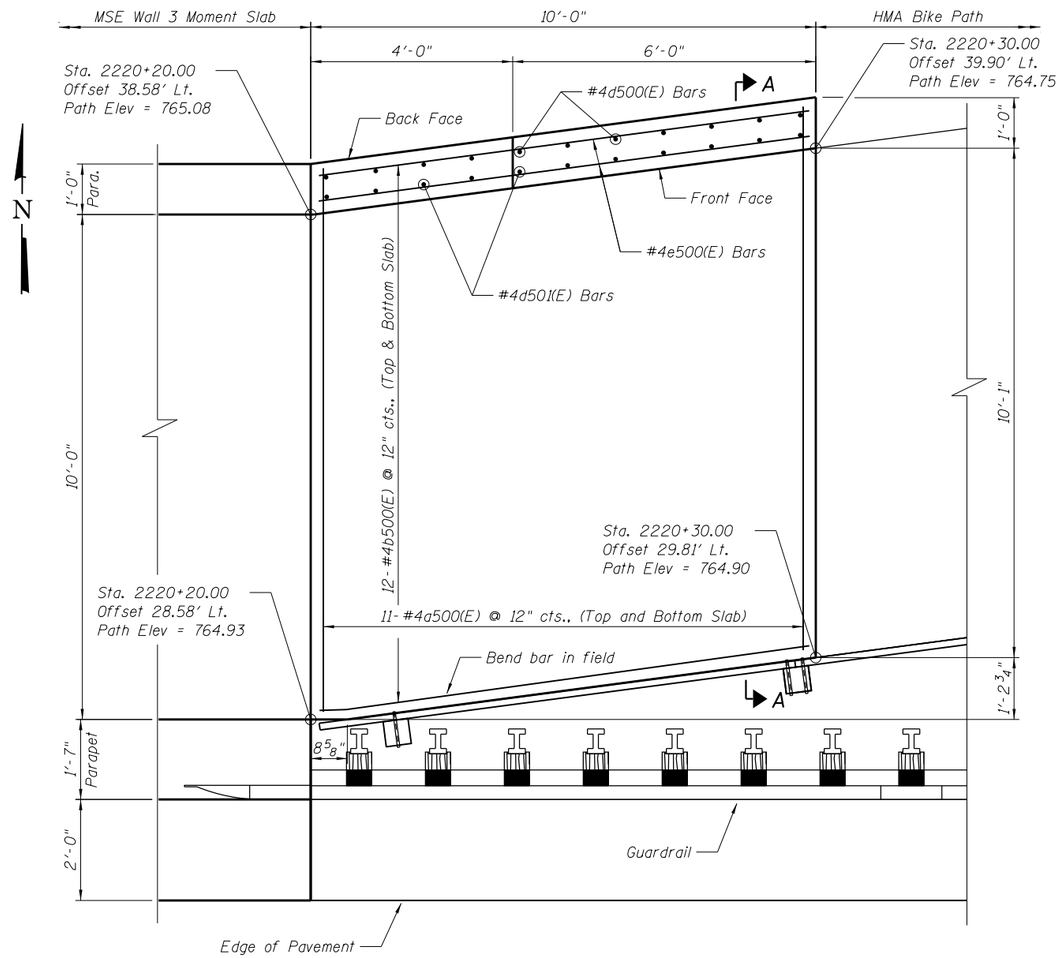
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

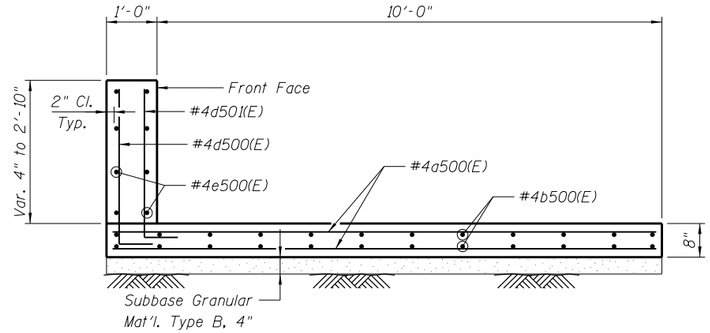
JOINTING PLAN
22′ JOINTED PCC PAVEMENT DETAIL

SCALE: N.T.S. | SHEET 9 OF 9 SHEETS | STA. | TO STA.

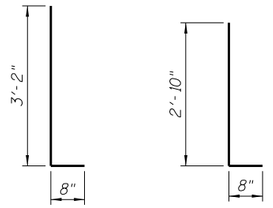
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	151
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



PLAN VIEW

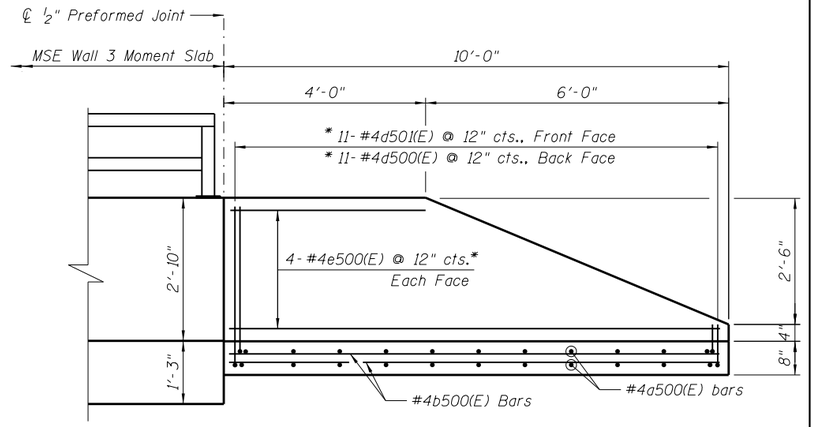


SECTION A-A



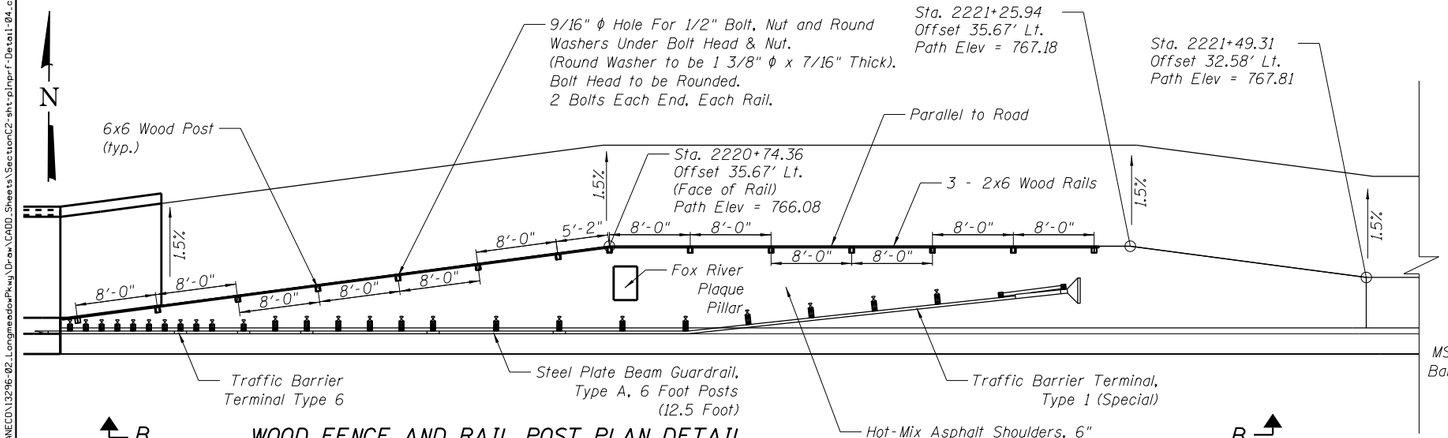
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a500(E)	22	#4	10'-8"	
b500(E)	24	#4	9'-9"	
d500(E)	11	#4	3'-10"	L
d501(E)	11	#4	3'-6"	L
e500(E)	8	#4	9'-9"	
Concrete Superstructure		Cu. Yd.	3.5	
Protective Coat		Sq. Yd.	15	
Reinforcement Bars, Epoxy Coated		Pound	430	
Sub Gran Mat, Type B 4"		Sq. Yd.	12	

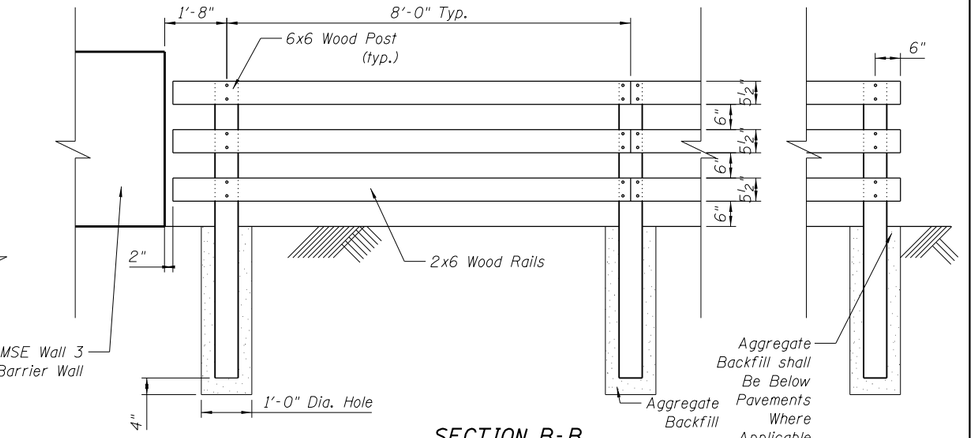


ELEVATION VIEW

(Looking North)
* Cut bars in field to fit



WOOD FENCE AND RAIL POST PLAN DETAIL



SECTION B-B

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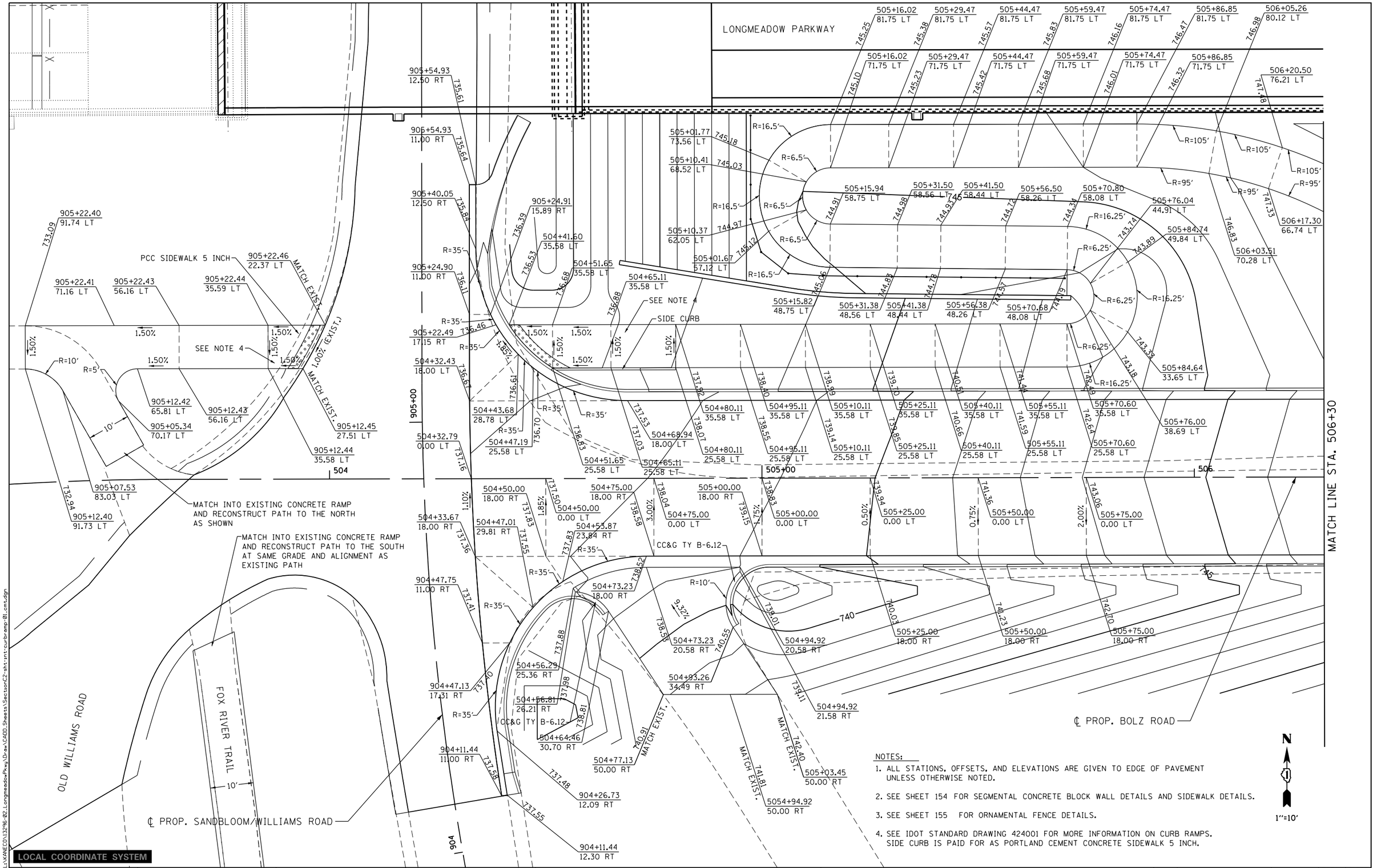
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
NORTHEAST PATH TRANSITION

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	152
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. ALL STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE SHEET 154 FOR SEGMENTAL CONCRETE BLOCK WALL DETAILS AND SIDEWALK DETAILS.
3. SEE SHEET 155 FOR ORNAMENTAL FENCE DETAILS.
4. SEE IDOT STANDARD DRAWING 424001 FOR MORE INFORMATION ON CURB RAMPS. SIDE CURB IS PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH.

N

1"=10'

FILE NAME = L:\KANECON\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC2-sht-int-curbramp-01.cmt.dgn

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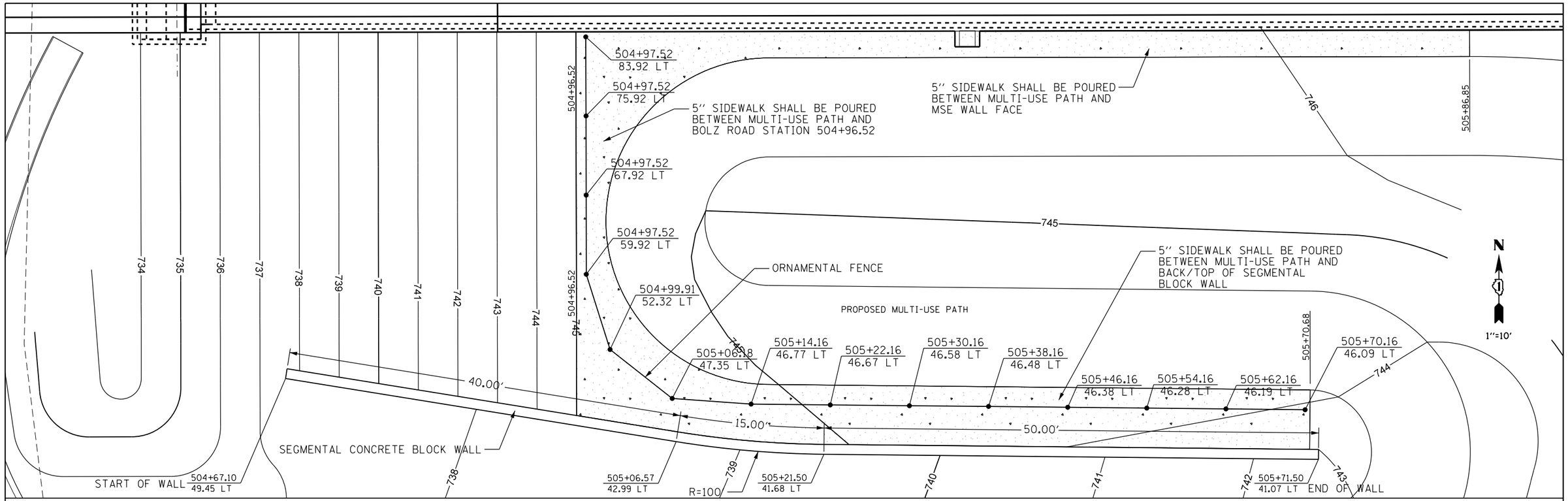
	DRAWN - JMS	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - KDF	REVISED -	
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

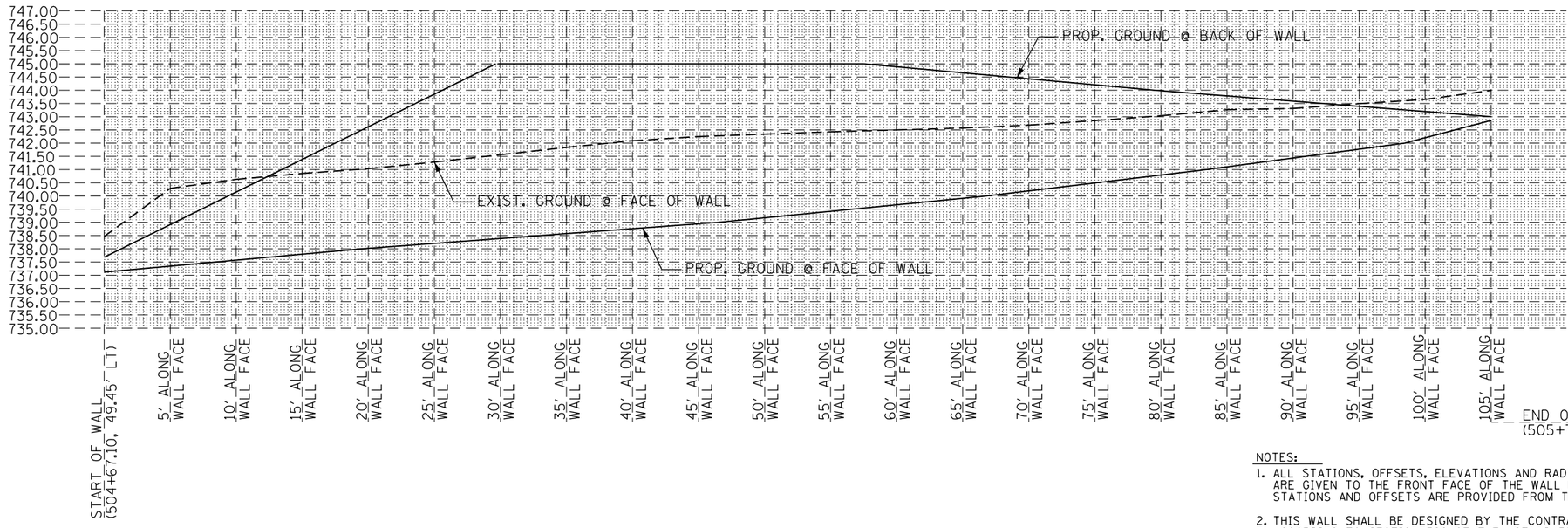
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
SANDBLOOM ROAD & BOLZ ROAD

SCALE: 1"=10' | SHEET 1 OF 12 SHEETS | STA. 503+00 | TO STA. 506+30

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	153
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		





NOTES:

1. ALL STATIONS, OFFSETS, ELEVATIONS AND RADII REPORTED ON THIS PLAN ARE GIVEN TO THE FRONT FACE OF THE WALL UNLESS OTHERWISE NOTED. STATIONS AND OFFSETS ARE PROVIDED FROM THE BOLZ ROAD ALIGNMENT.
2. THIS WALL SHALL BE DESIGNED BY THE CONTRACTOR AND CONSTRUCTED ACCORDING TO SECTION 522 OF THE ''STANDARD SPECIFICATIONS'' AS IT PERTAINS TO SEGMENTAL CONCRETE BLOCK RETAINING WALLS.
3. 6'' LEVELING PAD AND ANY OTHER ITEMS REQUIRED BY THE DESIGN SHALL BE INCLUDED IN THE COST OF SEGMENTAL CONCETE BLOCK WALL. POTENTIAL ITEMS REQUIRED BY THE DESIGN MAY INCLUDE BUT NOT BE LIMITED TO GEOGRID REINFORCEMENT, REINFORCED SOIL, FILTER FABRIC, DRAIN PIPES, AND SELECT BACKFILL.
4. SEE SHEET 155 FOR ORNAMENTAL FENCE DETAILS

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-Segmental Block Retwall-01.cmt.dgn

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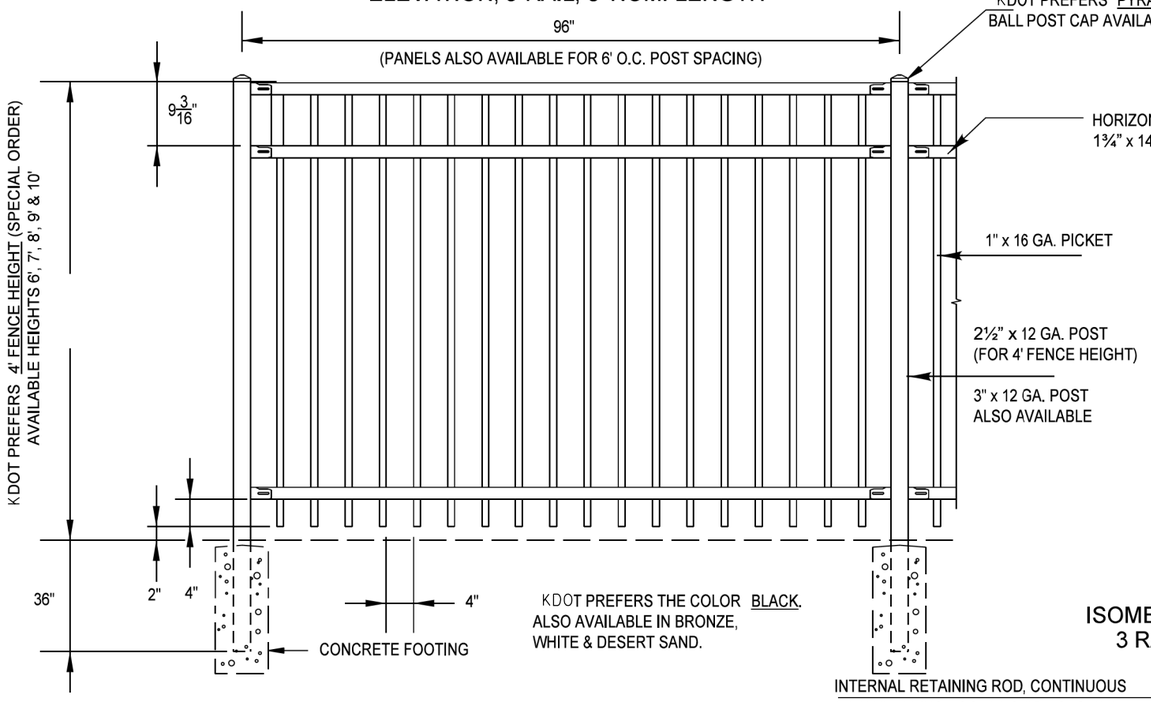
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
SEGMENTAL CONCRETE BLOCK WALL

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	154
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

ELEVATION, 3-RAIL, 8' NOM. LENGTH



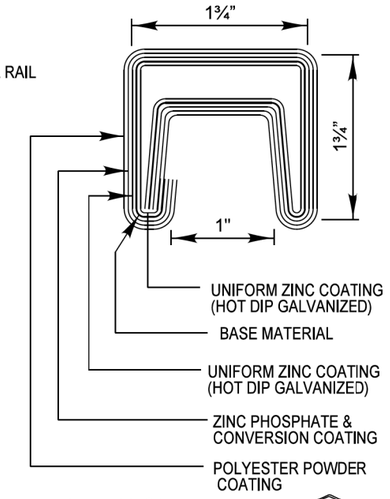
KDOT PREFERS THE COLOR BLACK.
ALSO AVAILABLE IN BRONZE,
WHITE & DESERT SAND.

VARIABLE PITCH CONNECTION SYSTEM
ELIMINATES EXTERNAL FASTENERS

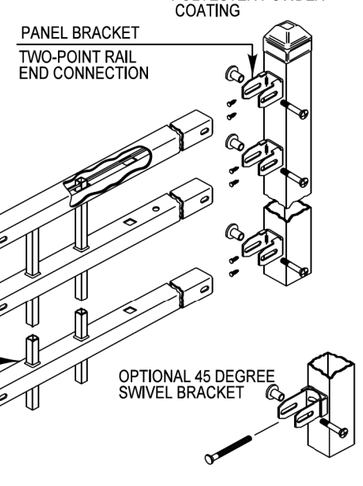
HORIZONTAL RAIL
DOUBLE-WALLED "U" CHANNEL
SPECIALLY FORMED HIGH
STRENGTH ARCHITECTURAL SHAPE.

GATES: SPECIFY OPENING WIDTHS
SINGLE _____ QUANTITY_____
DOUBLE _____ QUANTITY_____

CROSS SECTION OF HORIZONTAL RAIL



ISOMETRIC, 3 RAIL



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
ORNAMENTAL RAILING DETAIL

SCALE: N.T.S. | SHEET 3 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	155
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

FILE NAME = i:\KANECO\13296-02 Longmeadow Pkwy\Draw\CADD Sheets\Section\C2-sht-Ornamental Railing-01.cmt.dgn

LONGMEADOW PARKWAY

℄ PROP. BOLZ ROAD

MATCH LINE STA. 506+30

506+34.99
78.07 LT

506+49.05
61.35 LT

506+61.14
52.46 LT

506+78.55
45.26 LT

506+85.57
39.49 LT

506+99.30
35.74 LT

507+14.55
34.04 LT

506+67.83
36.44 LT

506+55.21
44.40 LT

506+43.13
53.29 LT

506+30.40
61.18 LT

506+82.22
30.07 LT

506+97.40
25.92 LT

507+14.25
24.05 LT

508+55.53
14.24 RT
(BOC)

506+82.30
19.43 RT
(BOC)

506+82.33
20.43 RT

506+95.96
19.02 RT
(BOC)

507+16.93
18.39 RT
(BOC)

507+16.96
19.39 RT

507+48.77
17.44 RT
(BOC)

507+48.80
18.44 RT

507+95.84
17.03 RT

507+95.81
16.03 RT
(BOC)

508+38.59
14.75 RT
(BOC)

508+38.62
15.74 RT

508+72.05
15.00 RT

508+72.05
14.00 RT
(BOC)

508+63.43
14.00 RT

508+64.53
28.00 RT

508+64.53
33.00 RT

508+46.53
28.96 RT

508+46.53
33.00 RT

508+55.53
33.00 RT

507+72.71
16.72 RT

507+88.71
29.80 RT

507+88.71
35.50 RT

507+56.71
31.66 RT

507+56.71
34.03 RT

507+10.44
36.39 RT

507+56.09
40.00 RT

507+72.71
40.00 RT

507+89.06
40.00 RT

507+14.44
50.00 RT

506+89.64
29.43 RT

506+95.68
50.00 RT

507+05.06
50.00 RT

STABILIZED DRIVEWAY 10"

CC&G TY B-6.12

R=105'

R=95'

R=15'

8.49%

0.77%

6.40%

MATCH EXIST.

507

508

509

748.05 748.71 749.25 749.96 750.77 751.64 752.64 750.44 748.56 749.40 747.90 750.92 751.79 752.79 750.24 750.34 751.20 752.68 752.78 754.93 754.97 758.35 758.29 762.46 763.52 763.60 762.40 762.05 760.14 760.62 757.35 757.00 756.62 756.72 756.44 756.11 755.83 755.72 753.20 751.48 753.60 754.24 753.94

750 755 760 765 770

NOTES:

1. ALL STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

N

1"=10'

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-int-curb-ramp-02.cmt.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
BOLZ ROAD

SCALE: 1"=10' | SHEET 4 OF 12 SHEETS | STA. 506+30 | TO STA. 509+30

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	156
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

N

1"=10'

MATCH LINE (THIS SHEET)

℄ PROP. BOLZ ROAD

℄ PROP. OXFORD DRIVE

LONGMEADOW PARKWAY

2226

510+40.47 29.58 LT
510+54.97 30.63 LT
510+69.14 33.88 LT
510+82.65 39.26 LT
510+95.18 46.63 LT
511+06.44 55.83 LT
511+16.16 66.64 LT
511+24.12 78.81 LT
510+40.43 19.58 LT
510+56.45 20.74 LT
510+72.12 24.34 LT
510+87.05 30.28 LT
511+00.89 38.43 LT
511+13.34 48.59 LT
511+24.08 60.54 LT
511+32.88 73.99 LT
511+39.52 88.62 LT
511+30.13 92.04 LT
511+43.80 12.00 RT
511+58.12 12.00 RT
511+77.17 12.00 RT
511+67.13 23.52 RT
511+98.77 12.00 RT
511+85.37 22.48 RT
511+73.56 31.72 RT
511+95.63 35.60 RT
511+83.84 44.87 RT
511+93.08 56.68 RT
512+02.32 68.49 RT
512+11.56 80.31 RT
512+09.01 25.09 RT
512+04.87 47.41 RT
512+14.11 59.23 RT
512+23.36 71.04 RT
512+18.19 36.95 RT
512+27.46 48.74 RT
512+36.72 60.54 RT
512+30.04 27.63 RT
512+17.81 12.00 RT
512+20.80 15.82 RT
512+36.74 12.00 RT
512+60.51 12.00 RT
512+41.78 18.41 RT
512+33.21 29.14 RT
512+30.53 38.43 RT
512+30.92 48.03 RT
2226+58.50 37.75 RT
2226+58.30 47.75 RT
2226+43.25 38.56 RT
2226+28.27 41.57 RT
2226+13.89 46.73 RT
2226+00.41 53.91 RT
2225+88.11 62.98 RT
2225+77.26 73.73 RT
2225+68.08 85.95 RT
2225+59.97 98.57 RT
511+34.05 106.05 LT
2226+44.50 48.48 RT
2226+30.95 51.21 RT
2226+17.94 55.87 RT
2226+05.74 62.37 RT
2225+94.61 70.57 RT
2225+84.80 80.31 RT
2225+76.80 91.36 RT
2225+68.38 103.98 RT
511+43.85 104.09 LT

MATCH EXIST. 785.44
MATCH EXIST. 786.00
MATCH EXIST. 786.60

LOCAL COORDINATE SYSTEM

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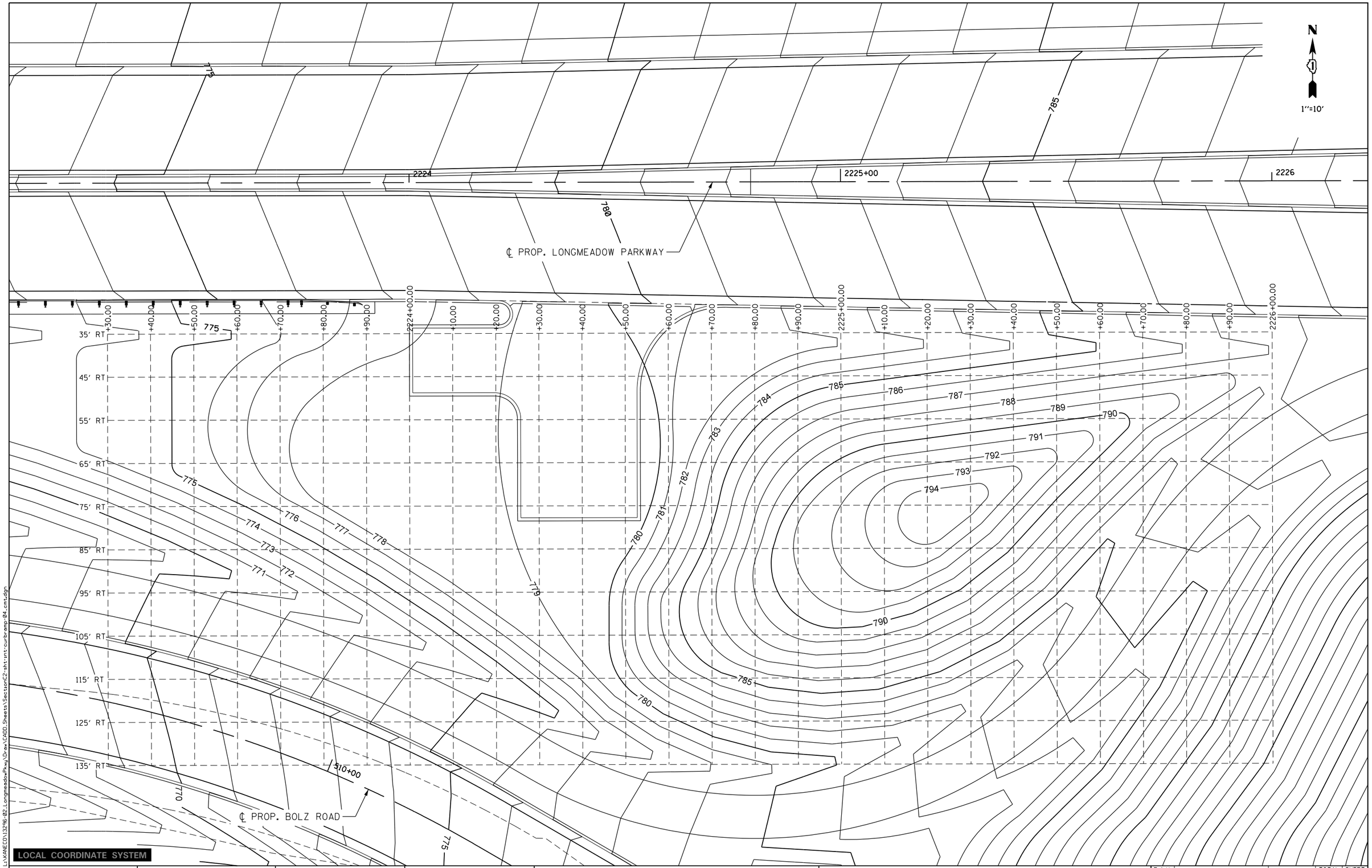
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
OXFORD DRIVE & BOLZ ROAD

SCALE: 1"=10' | SHEET 5 OF 12 SHEETS | STA. 510+35 | TO STA. 512+60

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	157
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



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DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
FUTURE TOLL PLAZA SITE GRADING PLAN

SCALE: 1"=10' | SHEET 6 OF 12 SHEETS | STA. 2223+10 TO STA. 2226+20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	158
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

℄ PROP. BOLZ ROAD

℄ PROP. TOWER ACCESS DRIVE

PR ROW

PR TEMP EASEMENT

EX ROW

EXISTING ROAD REMAINS

CC&G TY B-6.12

R=15'

SWING GATE

NWL=812

LOCAL COORDINATE SYSTEM

NOTES:

1. ALL STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. REFER TO SHEET 160 FOR SWING GATE DETAIL.

1"=10'

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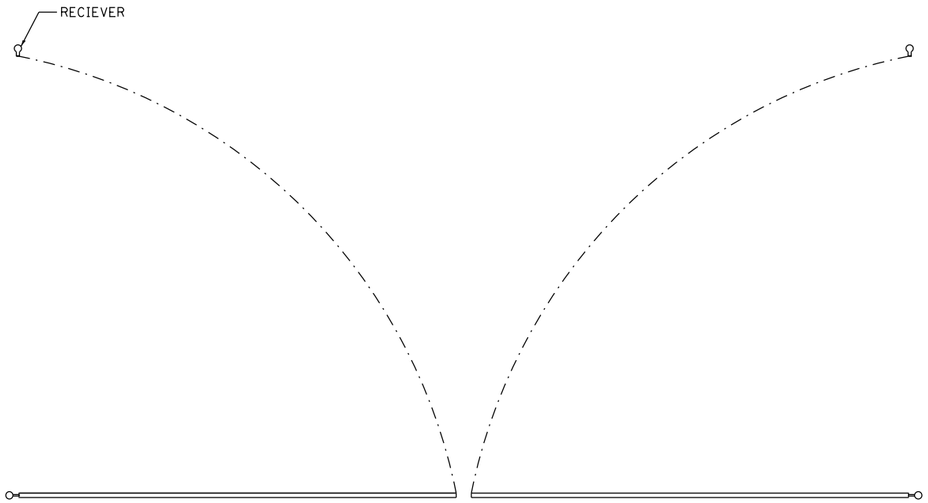
DEPARTMENT OF TRANSPORTATION

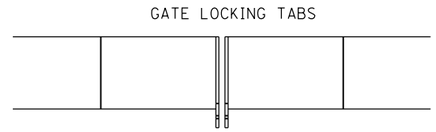
ROADWAY DETAILS
CELL TOWER ACCESS DRIVE

SCALE: 1"=10' | SHEET 7 OF 12 SHEETS | STA. 1+00 | TO STA. 3+35

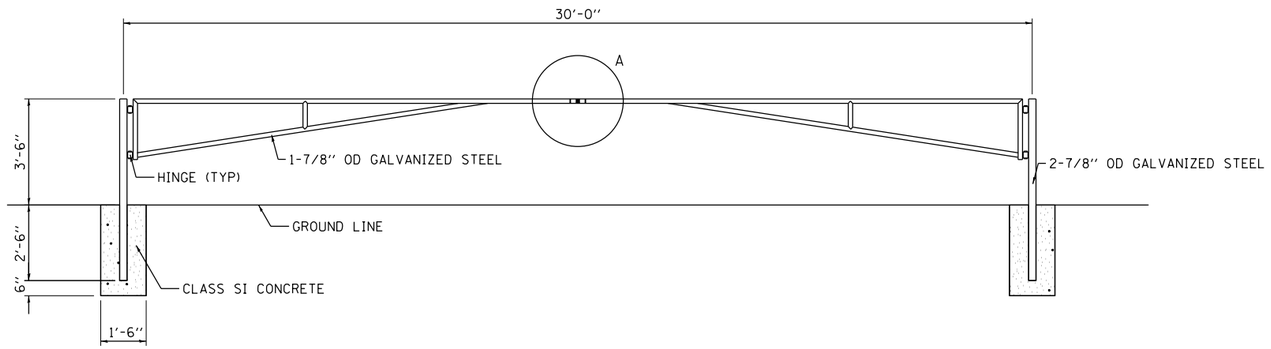
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	159
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



SWING GATE RECEIVER
CONCEPT



DETAIL A



TUBULAR STEEL GATE – TOWER ACCESS DRIVE

℄ FOUNDATION LOCATIONS:
BOLZ RD STA. 518+42.71, 34.58' LT
BOLZ RD STA. 518+72.71, 34.58' LT

NOTES:
1. GATE SHALL SWING OPEN TO THE NORTH.

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECD\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC2-sht-plnprf-Detail-01.cmt.dgn

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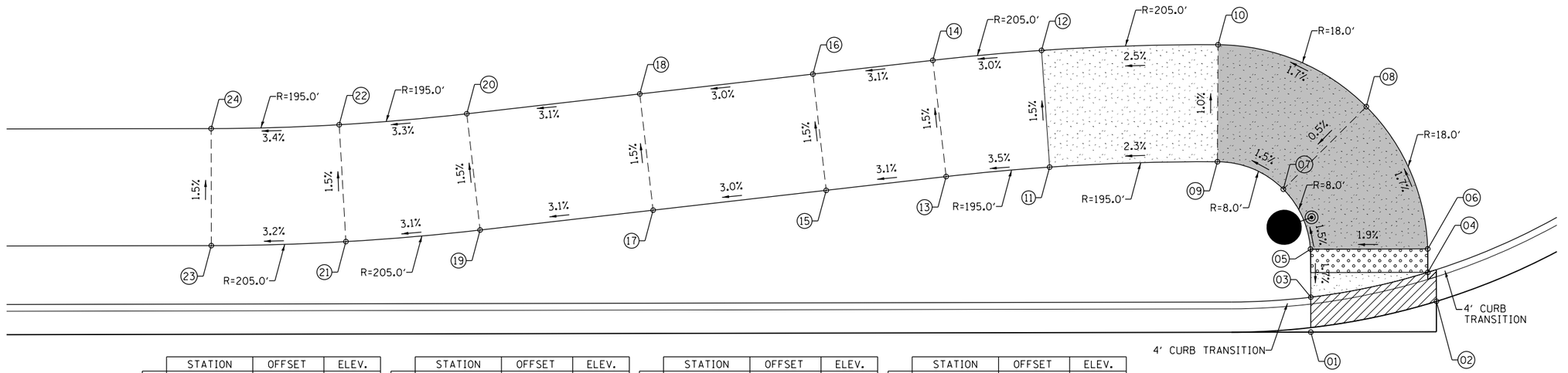
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
TOWER ACCESS DRIVE GATE

SCALE: | SHEET 8 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	160
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



	STATION	OFFSET	ELEV.
01	2236+73.13	31.00 LT	824.85
02	2236+83.85	33.61 LT	825.16
03	2236+73.13	33.99 LT	824.80
04	2236+83.13	36.09 LT	825.10
05	2236+73.12	38.09 LT	824.87
06	2236+83.12	38.09 LT	825.06

	STATION	OFFSET	ELEV.
07	2236+70.81	43.22 LT	824.78
08	2236+77.90	50.26 LT	824.83
09	2236+65.19	45.58 LT	824.69
10	2236+65.25	55.58 LT	824.59
11	2236+50.85	45.15 LT	824.36
12	2236+50.19	55.13 LT	824.21

	STATION	OFFSET	ELEV.
13	2236+42.02	44.36 LT	824.08
14	2236+40.90	54.29 LT	823.93
15	2236+31.77	43.20 LT	823.76
16	2236+30.65	53.14 LT	823.61
17	2236+17.00	41.54 LT	823.31
18	2236+15.88	51.47 LT	823.16

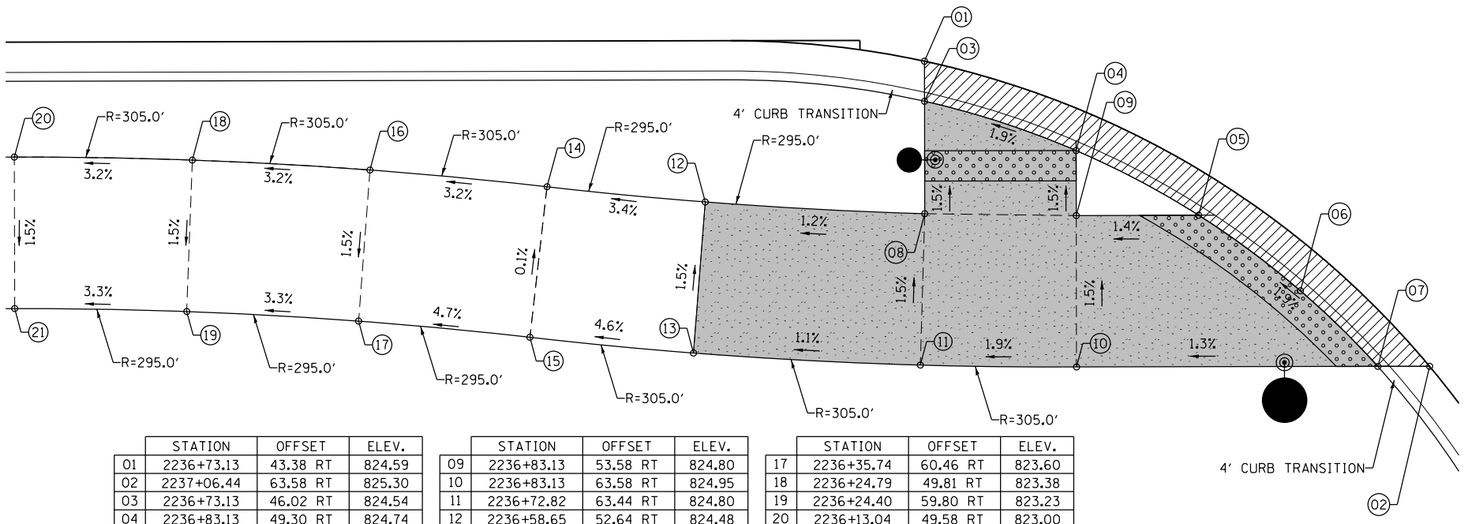
	STATION	OFFSET	ELEV.
19	2236+02.22	39.87 LT	822.85
20	2236+01.10	49.81 LT	822.70
21	2235+90.76	38.91 LT	822.49
22	2235+90.20	48.89 LT	822.34
23	2235+79.27	38.58 LT	822.12
24	2235+79.27	48.58 LT	821.97

NW LONGMEADOW PARKWAY & BOLZ ROAD CONNECTOR

LEGEND

- DETECTABLE WARNINGS
- DEPRESSED CURB
- TURNING SPACE (1:50 MAX SLOPE)
- PCC SIDEWALK, 5 INCH

NOTES
1. CONTRACTOR SHALL CONSTRUCT DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED PER IDOT STD 606001-06. ELEVATIONS SHOWN ARE DESIGNED WITH A 5% SLOPE GUTTER FLAG.

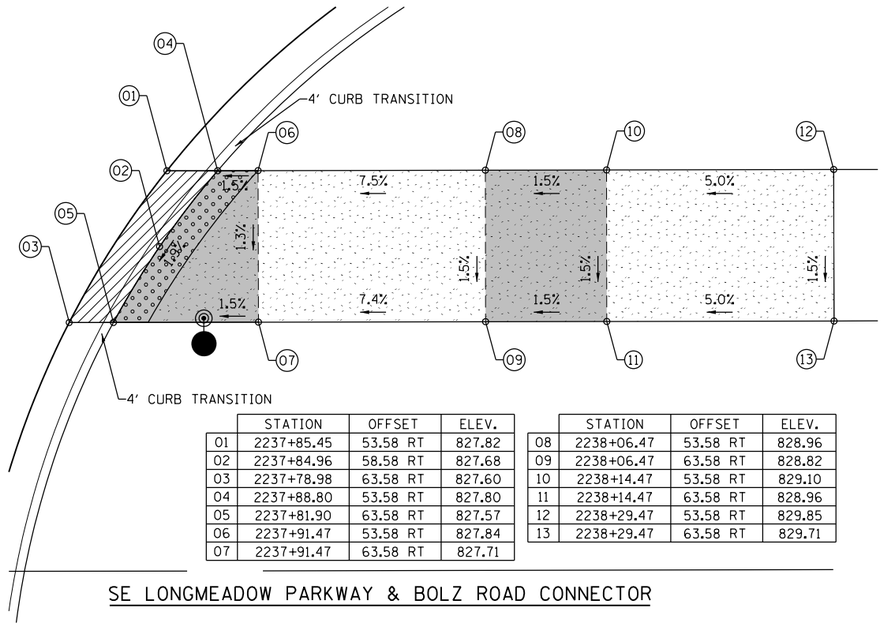


	STATION	OFFSET	ELEV.
01	2236+73.13	43.38 RT	824.59
02	2237+06.44	63.58 RT	825.30
03	2236+73.13	46.02 RT	824.54
04	2236+83.13	49.30 RT	824.74
05	2236+91.21	53.58 RT	824.91
06	2236+97.92	58.58 RT	825.07
07	2237+03.02	63.58 RT	825.20
08	2236+73.13	53.44 RT	824.65

	STATION	OFFSET	ELEV.
09	2236+83.13	53.58 RT	824.80
10	2236+83.13	63.58 RT	824.95
11	2236+72.82	63.44 RT	824.80
12	2236+58.65	52.64 RT	824.48
13	2236+57.85	62.61 RT	824.63
14	2236+48.20	51.62 RT	824.12
15	2236+47.05	61.55 RT	824.13
16	2236+36.51	50.49 RT	823.75

	STATION	OFFSET	ELEV.
17	2236+35.74	60.46 RT	823.60
18	2236+24.79	49.81 RT	823.38
19	2236+24.40	59.80 RT	823.23
20	2236+13.04	49.58 RT	823.00
21	2236+13.04	59.58 RT	822.85

SW LONGMEADOW PARKWAY & BOLZ ROAD CONNECTOR



	STATION	OFFSET	ELEV.
01	2237+85.45	53.58 RT	827.82
02	2237+84.96	58.58 RT	827.68
03	2237+78.98	63.58 RT	827.60
04	2237+88.80	53.58 RT	827.80
05	2237+81.90	63.58 RT	827.57
06	2237+91.47	53.58 RT	827.84
07	2237+91.47	63.58 RT	827.71

	STATION	OFFSET	ELEV.
08	2238+06.47	53.58 RT	828.96
09	2238+06.47	63.58 RT	828.82
10	2238+14.47	53.58 RT	829.10
11	2238+14.47	63.58 RT	828.96
12	2238+29.47	53.58 RT	829.85
13	2238+29.47	63.58 RT	829.71

SE LONGMEADOW PARKWAY & BOLZ ROAD CONNECTOR

LOCAL COORDINATE SYSTEM

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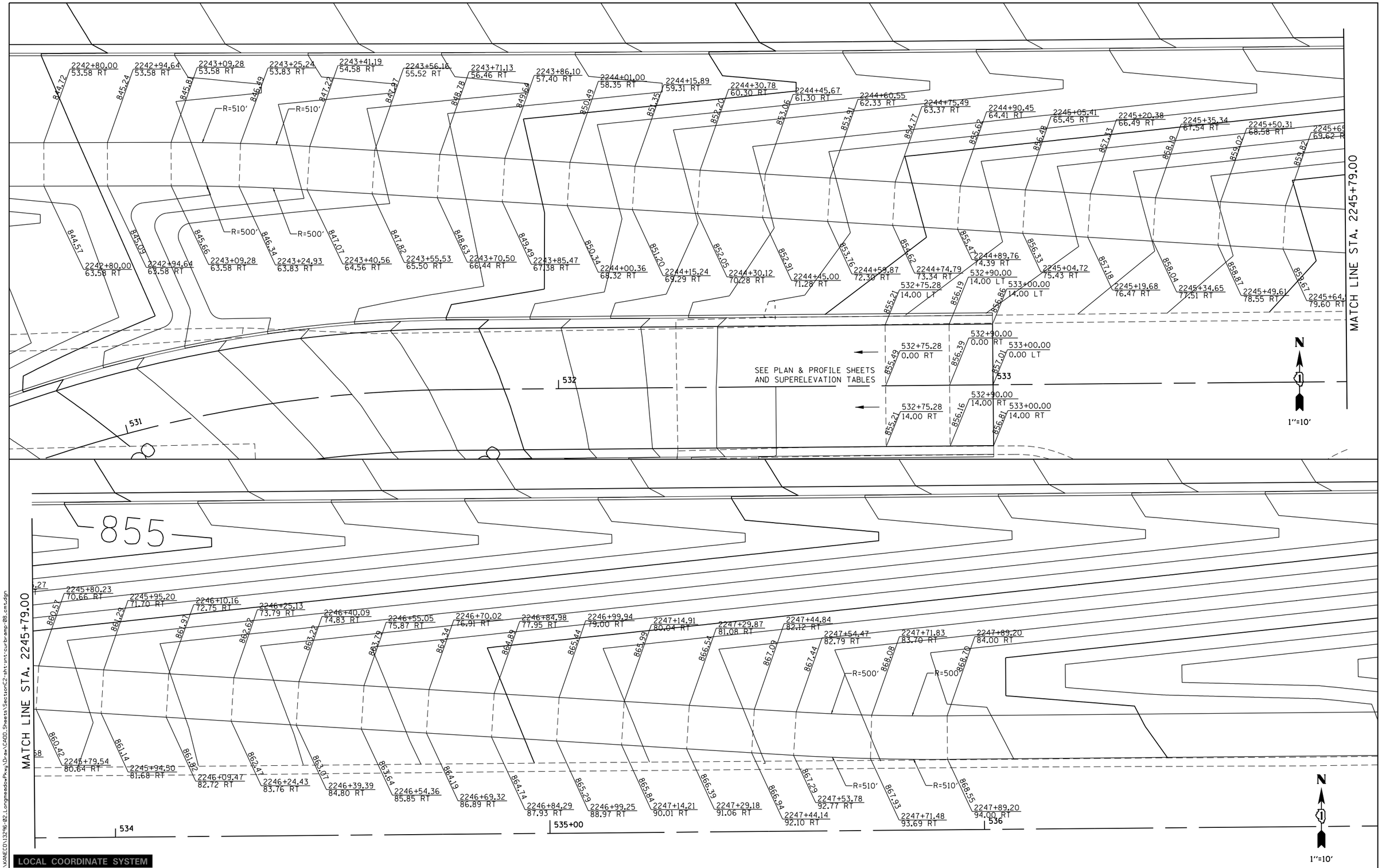
DEPARTMENT OF TRANSPORTATION

SIDEWALK CURB RAMP DETAILS
LONGMEADOW PARKWAY & BOLZ ROAD CONNECTOR ADA RAMPS

-	1"=5'	SHEET 9 OF 12 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	161
		CONTRACT NO. 61G02		
		ILLINOIS	FED. AID PROJECT	



LOCAL COORDINATE SYSTEM

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	DRAWN - JMS	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
BOLZ ROAD PATH

SCALE: 1"=10' | SHEET 11 OF 12 SHEETS | STA. 531+00 | TO STA. 537+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	162
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

LONGMEADOW PARKWAY

BOLZ ROAD

ALAMEDA DRIVE

887
888
889
890
891
892
893
892

2269+29.88
97.41 RT
893.72

2268+89.21
84.00 RT
893.54

2269+16.52
90.58 RT
893.83

2269+11.97
99.48 RT
893.68

2269+89.03
87.18 RT
893.58

R=60'

R=50'

1.50%

1.23%

1.49%

(MATCH EXIST.)
893.39

2268+89.21
94.00 RT

894

894.83

2269+96.99
93.30 RT

555+00

556

557

2267+05.19
140.62 RT

891.81 (MATCH EXIST.)

2267+12.66
138.70 RT

891.87

2267+26.10
137.00 RT

891.92

2267+98.31
137.00 RT

892.24

2268+12.69
138.95 RT

892.30

2268+23.75
142.00 RT

892.29
(SEE NOTE 3)

2268+78.63
139.70 RT

892.31

2268+71.21
141.61 RT

892.80
(SEE NOTE 3)

R=54'

2.00%

0.44%

2.60%

2267+13.65
142.57 RT

891.93

2267+05.55
144.65 RT

891.89 (MATCH EXIST.)

2267+05.16
144.65 RT

891.89 (MATCH EXIST.)

2267+26.10
141.00 RT

891.98

2268+25.51
146.64 RT

892.42
(SEE NOTE 3)

2268+11.62
142.80 RT

892.36

2267+98.31
141.00 RT

892.30

2268+79.63
143.57 RT

892.97

2268+70.03
146.04 RT

892.75
(SEE NOTE 3)

2269+25.33
106.31 RT

893.87

2269+20.43
103.81 RT

893.80

2269+16.87
101.99 RT

893.75

2269+14.27
115.86 RT

893.61

2269+10.71
114.03 RT

893.55

GM

N

1"=10'

NOTES:

1. ALL STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. SEE SHEET 164 FOR CURB RAMP DETAILS AT THE INTERSECTION OF ILLINOIS ROUTE 25 AND LONGMEADOW PARKWAY.
3. EXISTING CURB RAMPS AT ALAMEDA DRIVE TO REMAIN. MATCH INTO EXISTING CURB RAMP AT THE LOCATIONS SHOWN.

LOCAL COORDINATE SYSTEM

FILE NAME = i:\KANECO\13296-02_Longmeadow Pkwy\Draw\CADD_Sheets\Section\C2-sht-int-curbramp-09_cmt.dgn

CMT
License No. 184-000613

USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -
	DRAWN - JMS	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
BOLZ ROAD PATH & SIDEWALK

SCALE: 1"=10' | SHEET 12 OF 12 SHEETS | STA. 555+00 | TO STA. 557+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	163
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

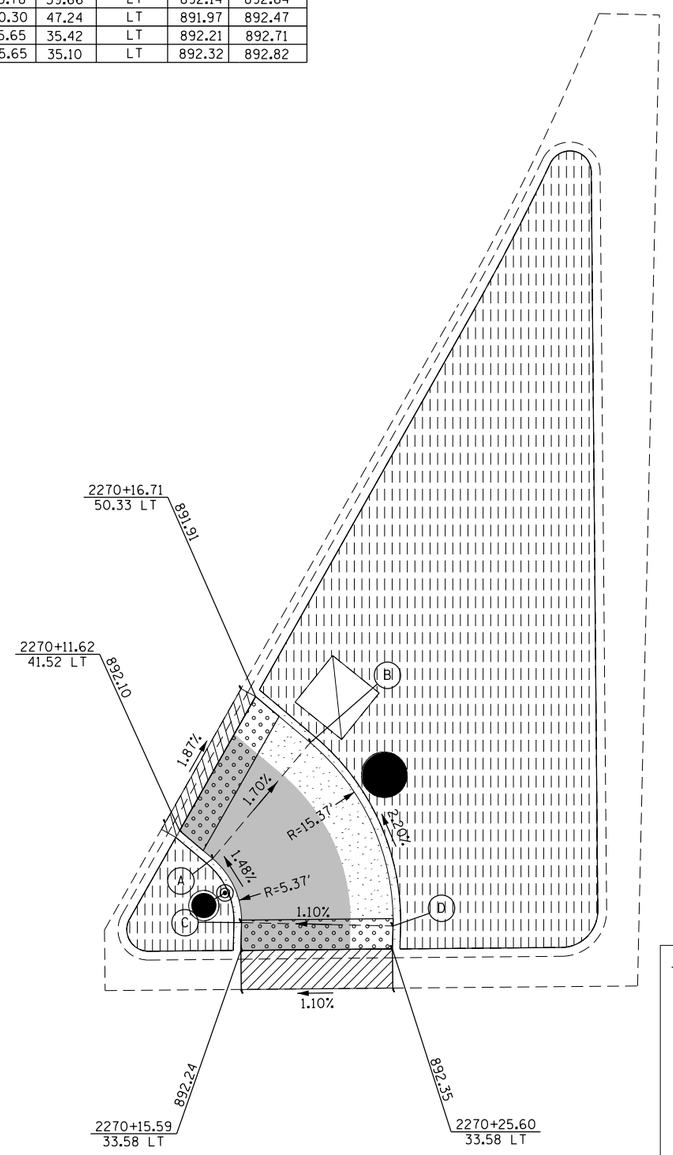
NW CORNER LONGMEADOW PARKWAY & IL-25

N
1"=5'

LEGEND

- DETECTABLE WARNINGS
- DEPRESSED CURB
- TURNING SPACE (1:50 MAX SLOPE)
- PCC SIDEWALK, 5 INCH
- CONCRETE MEDIAN SURFACE, 4 INCH & SUBBASE GRANULAR MATERIAL TYPE B

POINT	STATION	OFFSET	LT/RT	EOP ELEV.	TOP CURB ELEV.
A	2270+13.78	39.66	LT	892.14	892.64
B	2270+20.30	47.24	LT	891.97	892.47
C	2270+15.65	35.42	LT	892.21	892.71
D	2270+25.65	35.10	LT	892.32	892.82



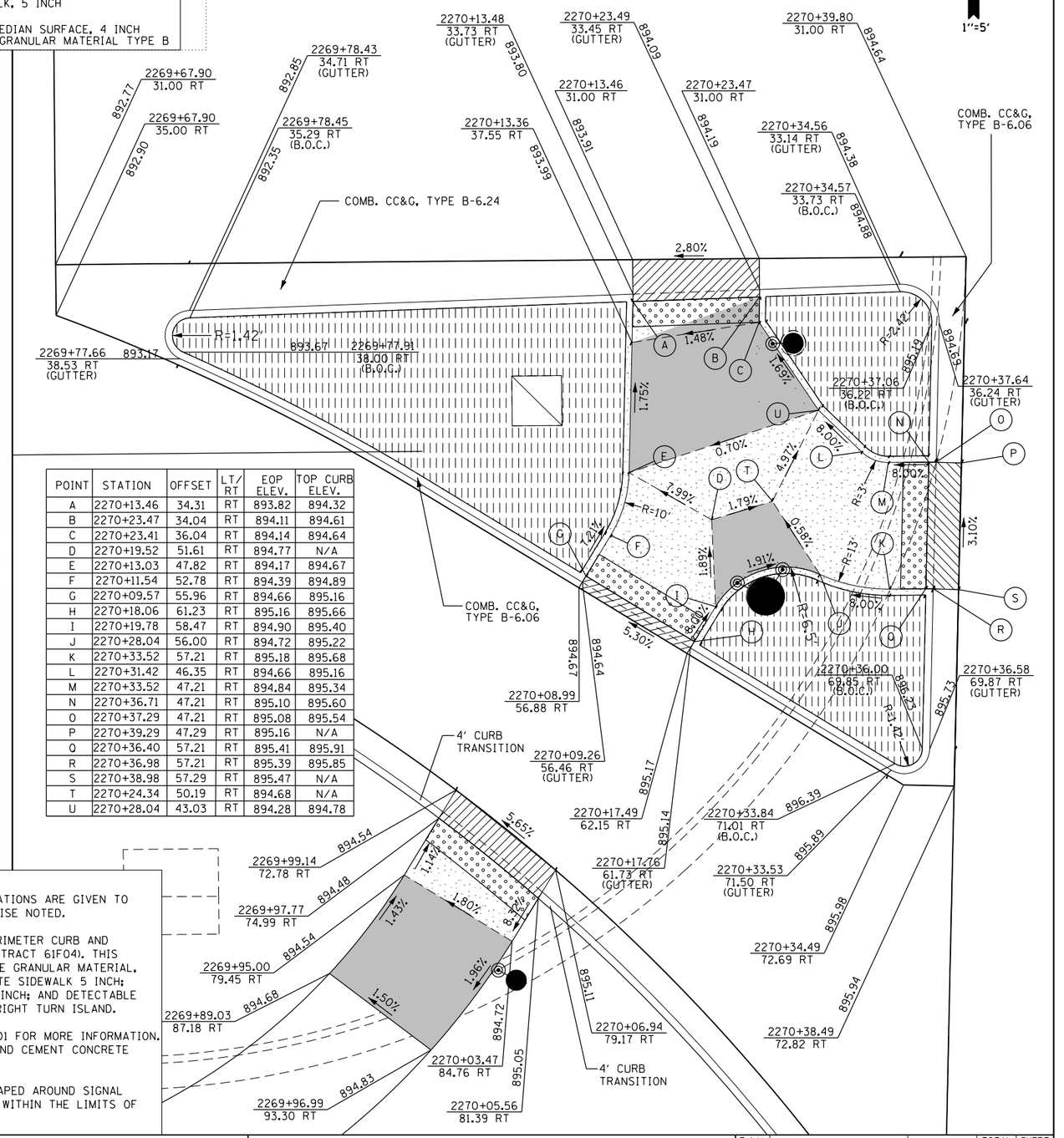
NOTES:

1. ALL STATIONS, OFFSETS, AND ELEVATIONS ARE GIVEN TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. NORTHWEST RIGHT TURN ISLAND PERIMETER CURB AND GUTTER INSTALLED BY OTHERS (CONTRACT 61F04). THIS CONTRACT WILL CONSTRUCT SUBBASE GRANULAR MATERIAL, TYPE B; PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH; AND CONCRETE MEDIAN SURFACE, 4 INCH; AND DETECTABLE WARNINGS WITHIN THE NORTHWEST RIGHT TURN ISLAND.
3. SEE IDOT STANDARD DRAWING 606301 FOR MORE INFORMATION. SIDE CURB IS PAID FOR AS PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH.
4. SIDE CURB MAY BE OMITTED OR SHAPED AROUND SIGNAL FOUNDATIONS THAT ARE PARTIALLY WITHIN THE LIMITS OF THE SIDE CURB.

SW CORNER LONGMEADOW PARKWAY & IL-25

N
1"=5'

POINT	STATION	OFFSET	LT/RT	EOP ELEV.	TOP CURB ELEV.
A	2270+13.46	34.31	RT	893.82	894.32
B	2270+23.47	34.04	RT	894.11	894.61
C	2270+23.41	36.04	RT	894.14	894.64
D	2270+19.52	51.61	RT	894.77	N/A
E	2270+13.03	47.82	RT	894.17	894.67
F	2270+11.54	52.78	RT	894.39	894.89
G	2270+09.57	55.96	RT	894.66	895.16
H	2270+18.06	61.23	RT	895.16	895.66
I	2270+19.78	58.47	RT	894.90	895.40
J	2270+28.04	56.00	RT	894.72	895.22
K	2270+33.52	57.21	RT	895.18	895.68
L	2270+31.42	46.35	RT	894.66	895.16
M	2270+33.52	47.21	RT	894.84	895.34
N	2270+36.71	47.21	RT	895.10	895.60
O	2270+37.29	47.21	RT	895.08	895.54
P	2270+39.29	47.29	RT	895.16	N/A
Q	2270+36.40	57.21	RT	895.41	895.91
R	2270+36.98	57.21	RT	895.39	895.85
S	2270+38.98	57.29	RT	895.47	N/A
T	2270+24.34	50.19	RT	894.68	N/A
U	2270+28.04	43.03	RT	894.28	894.78



LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECD\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC2-sht-int-curbramp-07.cmt.dgn

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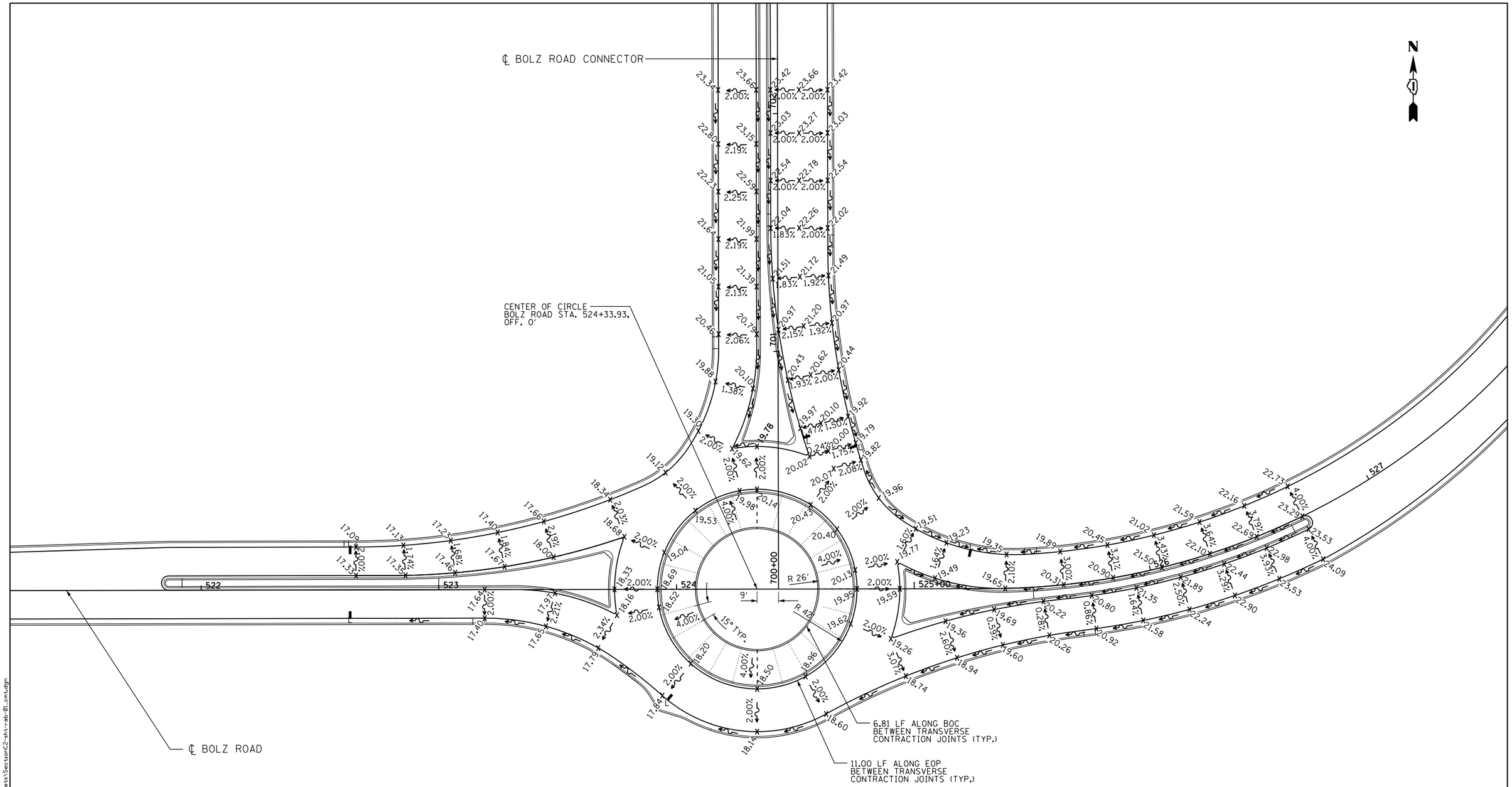
USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -	
	DRAWN - JPZ	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - KDF	REVISED -	
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
LONGMEADOW PARKWAY & ILLINOIS ROUTE 25 ADA RAMPS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	164
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



NOTES

1. CURBS SHALL BE TIED TO APRON WITH LONGITUDINAL CONSTRUCTION JOINT.
2. PCC APRON SHALL INCLUDE WELDED WIRE REINFORCEMENT IN EACH PANEL.
3. THIS OVERALL LAYOUT HAS BEEN PROVIDED TO INDICATE HOW THE PROFILES RELATE TO ONE ANOTHER IN RELATION TO CROSS SLOPE. CONTRACTOR SHALL USE ALIGNMENT AND PROFILES ON THE FOLLOWING INTERSECTION DETAIL SHEETS TO LAYOUT CURBS.

LEGEND

.....	TRANSVERSE EXPANSION JOINT
- - - - - - - -	TRANSVERSE CONTRACTION JOINT
524	PROPOSED ROADWAY ℄
x19.51	SPOT GRADE LOCATION AND ELEVATION (+800.00) USE CURB PROFILES FOR LAYOUT
2.00%	CROSS SLOPE OR GUTTER SLOPE IN PERCENT AND DIRECTION OF FLOW

LOCAL COORDINATE SYSTEM

FILE NAME = i:\KANE01\13296-02_LongmeadowPkwy\Draw\CADD Sheets\Section\C2-sht-rab-01.cmt.dgn

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USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -	
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PLOT SCALE = 40.0000 ' / in.	CHECKED - KDF	REVISED -	
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
ROUNDABOUT OVERALL LAYOUT AND APRON JOINTING

SCALE: 1"=20' | SHEET 1 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	165
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

NORTHWEST CURB RETURN – CURVE DATA		
PROP. CURVE RPRCURBNW01	PROP. CURVE RPRCURBNW02	PROP. CURVE RPRCURBNW03
PI STA. = 1020+63.06	PI STA. = 1021+36.50	PI STA. = 1021+71.77
Δ = 23° 44′ 32″ (LT)	Δ = 30° 47′ 20″ (LT)	Δ = 35° 28′ 08″ (LT)
D = 19° 05′ 55″	D = 129° 25′ 58″	D = 77° 25′ 36″
R = 300.00′	R = 44.27′	R = 74.00′
T = 63.06′	T = 12.19′	T = 23.67′
L = 124.31′	L = 23.79′	L = 45.81′
E = 6.56′	E = 1.65′	E = 3.69′
e = -----	e = -----	e = -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 1020+00.00	P.C. STA = 1021+24.31	P.C. STA = 1021+48.10
P.T. STA = 1021+24.31	P.T. STA = 1021+48.10	P.T. STA = 1021+93.91

NORTHWEST CURB RETURN BASELINE COORDINATE DATA			
POINT	STATION	NORTHING	EASTING
P.C. STATION	1020+00.00	1,993,154.0039	1,001,247.5292
P.I. STATION	1020+63.06	1,993,154.1305	1,001,310.5911
P.C.C. STATION	1021+24.31	1,993,179.6365	1,001,368.2648
P.I. STATION	1021+36.50	1,993,184.5663	1,001,379.4119
P.C.C. STATION	1021+48.10	1,993,194.5071	1,001,386.4644
P.I. STATION	1021+71.77	1,993,213.8085	1,001,400.1578
P.T. STATION	1021+93.91	1,993,237.4739	1,001,400.1103
P.O.T. STATION	1023+02.75	1,993,346.3102	1,001,399.8918

OUTER CIRCLE BASELINE COORDINATE DATA			
POINT	STATION	NORTHING	EASTING
P.C. STATION	1300+00.00	1,993,136.2223	1,001,356.3135
P.C.C. STATION	1300+94.25	1,993,196.3426	1,001,416.1929
P.C.C. STATION	1301+88.50	1,993,136.4632	1,001,476.3133
P.C.C. STATION	1302+82.75	1,993,076.3428	1,001,416.4338
P.T. STATION	1303+77.00	1,993,136.2223	1,001,356.3135

SOUTHWEST CURB RETURN BASELINE COORDINATE DATA			
POINT	STATION	NORTHING	EASTING
P.C. STATION	1000+00.00	1,993,124.1126	1,001,301.6894
P.I. STATION	1000+30.17	1,993,124.1731	1,001,331.8543
P.C.C. STATION	1000+58.47	1,993,107.0349	1,001,356.6779
P.I. STATION	1000+71.04	1,993,099.8916	1,001,367.0245
P.T. STATION	1000+83.58	1,993,091.5309	1,001,376.4147

SOUTHWEST CURB RETURN – CURVE DATA	
PROP. CURVE RPRCURBSW01	PROP. CURVE RPRCURBSW02
PI STA. = 1000+30.17	PI STA. = 1000+71.04
Δ = 34° 44′ 11″ (RT)	Δ = 7° 03′ 33″ (RT)
D = 59° 24′ 29″	D = 28° 06′ 32″
R = 96.44′	R = 203.83′
T = 30.17′	T = 12.57′
L = 58.47′	L = 25.11′
E = 4.61′	E = 0.39′
e = -----	e = -----
T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 1000+00.00	P.C. STA = 1000+58.47
P.T. STA = 1000+58.47	P.T. STA = 1000+83.58

LOCAL COORDINATE SYSTEM

NORTHEAST CURB RETURN – CURVE DATA			
PROP. CURVE RPRCURBNE01	PROP. CURVE RPRCURBNE02	PROP. CURVE RPRCURBNE03	PROP. CURVE RPRCURBNE04
PI STA. = 1030+58.27	PI STA. = 1031+43.11	PI STA. = 1031+83.46	PI STA. = 1032+44.71
Δ = 23° 01′ 56″ (RT)	Δ = 36° 50′ 29″ (RT)	Δ = 37° 47′ 40″ (RT)	Δ = 18° 13′ 32″ (RT)
D = 20° 02′ 01″	D = 67° 48′ 59″	D = 138° 28′ 54″	D = 19° 05′ 55″
R = 286.00′	R = 84.49′	R = 41.37′	R = 300.00′
T = 58.27′	T = 28.14′	T = 14.16′	T = 48.12′
L = 114.97′	L = 54.32′	L = 27.29′	L = 95.43′
E = 5.88′	E = 4.56′	E = 2.36′	E = 3.83′
e = -----	e = -----	e = -----	e = -----
T.R. = -----	T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 1030+00.00	P.C. STA = 1031+14.97	P.C. STA = 1031+69.29	P.C. STA = 1031+96.59
P.T. STA = 1031+14.97	P.T. STA = 1031+69.29	P.T. STA = 1031+96.59	P.T. STA = 1032+92.01

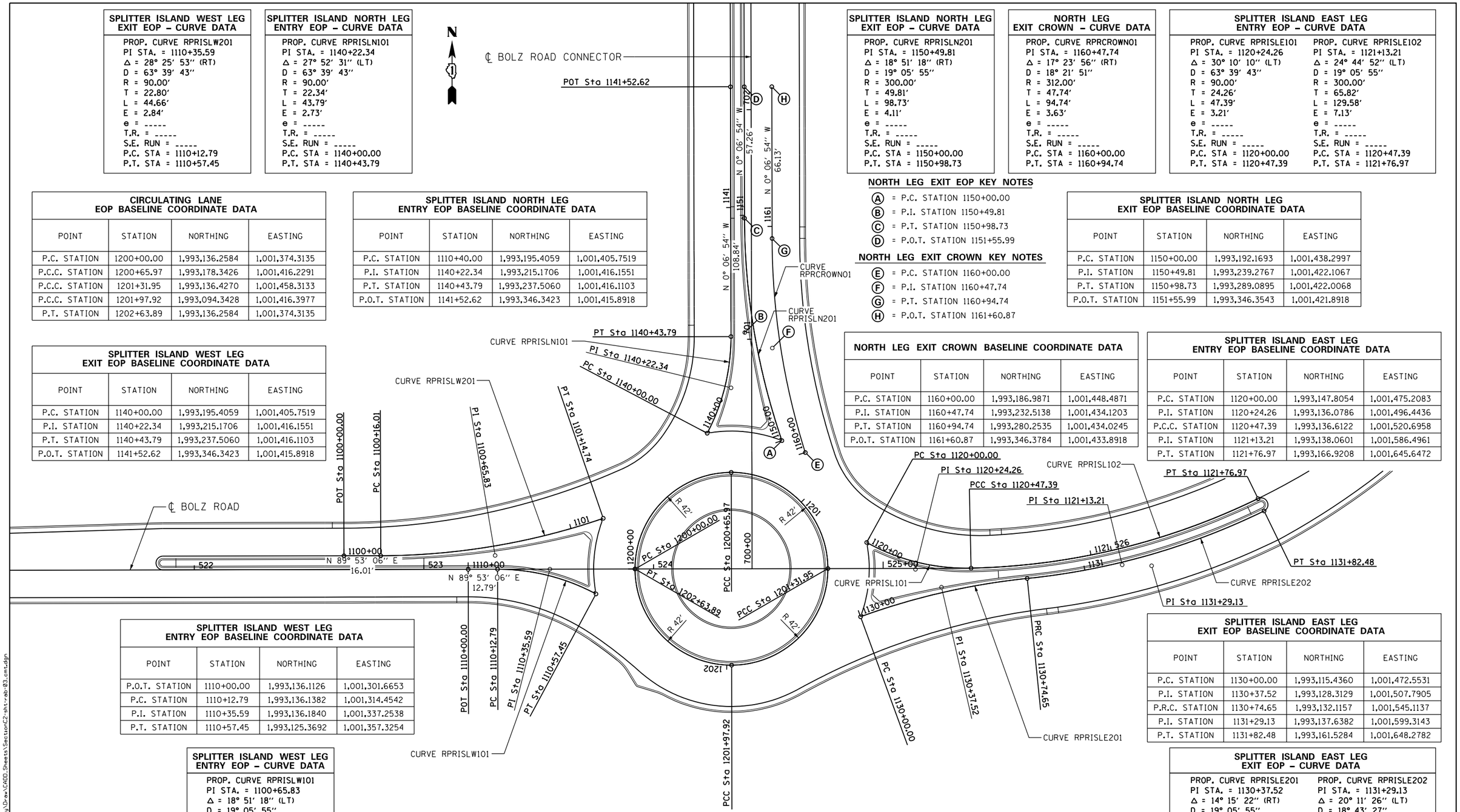
NORTHWEST CURB RETURN BASELINE COORDINATE DATA			
POINT	STATION	NORTHING	EASTING
P.C. STATION	1030+00.00	1,993,179.5030	1,001,639.5081
P.I. STATION	1030+58.27	1,993,153.9510	1,001,587.1384
P.C.C. STATION	1031+14.97	1,993,150.9254	1,001,528.9461
P.I. STATION	1031+43.11	1,993,149.4644	1,001,500.8453
P.C.C. STATION	1031+69.29	1,993,165.1443	1,001,477.4803
P.I. STATION	1031+83.46	1,993,173.0367	1,001,465.7196
P.C.C. STATION	1031+96.59	1,993,186.4806	1,001,461.2630
P.I. STATION	1032+44.71	1,993,232.1570	1,001,446.1211
P.T. STATION	1032+92.01	1,993,280.2776	1,001,446.0245
P.O.T. STATION	1033+58.14	1,993,346.4025	1,001,445.8917

SOUTHEAST CURB RETURN BASELINE COORDINATE DATA			
POINT	STATION	NORTHING	EASTING
P.C. STATION	1010+00.00	1,993,083.8287	1,001,445.3354
P.I. STATION	1010+57.92	1,993,111.8431	1,001,496.0262
P.R.C. STATION	1011+14.43	1,993,118.9752	1,001,553.5022
P.I. STATION	1011+67.79	1,993,125.5465	1,001,606.4587
P.T. STATION	1012+20.18	1,993,148.9462	1,001,654.4172

SOUTHEAST CURB RETURN – CURVE DATA	
PROP. CURVE RPRCURBSE01	PROP. CURVE RPRCURBSE02
PI STA. = 1010+57.92	PI STA. = 1011+67.79
Δ = 21° 51′ 14″ (RT)	Δ = 18° 56′ 05″ (LT)
D = 19° 05′ 55″	D = 17° 54′ 18″
R = 300.00′	R = 320.00′
T = 57.92′	T = 53.36′
L = 114.43′	L = 105.75′
E = 5.54′	E = 4.42′
e = -----	e = -----
T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 1010+00.00	P.C. STA = 1011+14.43
P.T. STA = 1011+14.43	P.T. STA = 1012+20.18

NOTES

1. CURB RETURN BASELINES LOCATED AT EDGE OF PAVEMENT.
2. OUTER CIRCLE BASELINE LOCATED AT OUTSIDE OF 18′ CIRULATING LANE.
3. THIS PROJECT WAS SURVEYED IN A LOCAL COORDINATE SYSTEM. SEE THE ALIGNMENT, TIES & BENCHMARK SHEETS FOR LOCAL LAYOUT DATA.



SPLITTER ISLAND WEST LEG EXIT EOP – CURVE DATA

PROP. CURVE RPRISLW201
PI STA. = 1110+35.59
Δ = 28° 25′ 53″ (RT)
D = 63° 39′ 43″
R = 90.00′
T = 22.80′
L = 44.66′
E = 2.84′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 1110+12.79
P.T. STA = 1110+57.45

SPLITTER ISLAND NORTH LEG ENTRY EOP – CURVE DATA

PROP. CURVE RPRISLN101
PI STA. = 1140+22.34
Δ = 27° 52′ 31″ (LT)
D = 63° 39′ 43″
R = 90.00′
T = 22.34′
L = 43.79′
E = 2.73′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 1140+00.00
P.T. STA = 1140+43.79

SPLITTER ISLAND NORTH LEG EXIT EOP – CURVE DATA

PROP. CURVE RPRISLN201
PI STA. = 1150+49.81
Δ = 18° 51′ 18″ (RT)
D = 19° 05′ 55″
R = 300.00′
T = 49.81′
L = 98.73′
E = 4.11′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 1150+00.00
P.T. STA = 1150+98.73

NORTH LEG EXIT CROWN – CURVE DATA

PROP. CURVE RPRCROWN01
PI STA. = 1160+47.74
Δ = 17° 23′ 56″ (RT)
D = 18° 21′ 51″
R = 312.00′
T = 47.74′
L = 94.74′
E = 3.63′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 1160+00.00
P.T. STA = 1160+94.74

SPLITTER ISLAND EAST LEG ENTRY EOP – CURVE DATA

PROP. CURVE RPRISLE101	PROP. CURVE RPRISLE102
PI STA. = 1120+24.26	PI STA. = 1121+13.21
Δ = 30° 10′ 10″ (LT)	Δ = 24° 44′ 52″ (LT)
D = 63° 39′ 43″	D = 19° 05′ 55″
R = 90.00′	R = 300.00′
T = 24.26′	T = 65.82′
L = 47.39′	L = 129.58′
E = 3.21′	E = 7.13′
e = -----	e = -----
T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 1120+00.00	P.C. STA = 1121+47.39
P.T. STA = 1120+47.39	P.T. STA = 1121+76.97

CIRCULATING LANE EOP BASELINE COORDINATE DATA

POINT	STATION	NORTHING	EASTING
P.C. STATION	1200+00.00	1,993,136.2584	1,001,374.3135
P.C.C. STATION	1200+65.97	1,993,178.3426	1,001,416.2291
P.C.C. STATION	1201+31.95	1,993,136.4270	1,001,458.3133
P.C.C. STATION	1201+97.92	1,993,094.3428	1,001,416.3977
P.T. STATION	1202+63.89	1,993,136.2584	1,001,374.3135

SPLITTER ISLAND NORTH LEG ENTRY EOP BASELINE COORDINATE DATA

POINT	STATION	NORTHING	EASTING
P.C. STATION	1110+40.00	1,993,195.4059	1,001,405.7519
P.I. STATION	1140+22.34	1,993,215.1706	1,001,416.1551
P.T. STATION	1140+43.79	1,993,237.5060	1,001,416.1103
P.O.T. STATION	1141+52.62	1,993,346.3423	1,001,415.8918

SPLITTER ISLAND WEST LEG EXIT EOP BASELINE COORDINATE DATA

POINT	STATION	NORTHING	EASTING
P.C. STATION	1140+00.00	1,993,195.4059	1,001,405.7519
P.I. STATION	1140+22.34	1,993,215.1706	1,001,416.1551
P.T. STATION	1140+43.79	1,993,237.5060	1,001,416.1103
P.O.T. STATION	1141+52.62	1,993,346.3423	1,001,415.8918

NORTH LEG EXIT EOP KEY NOTES

- (A) = P.C. STATION 1150+00.00
- (B) = P.I. STATION 1150+49.81
- (C) = P.T. STATION 1150+98.73
- (D) = P.O.T. STATION 1151+55.99

NORTH LEG EXIT CROWN KEY NOTES

- (E) = P.C. STATION 1160+00.00
- (F) = P.I. STATION 1160+47.74
- (G) = P.T. STATION 1160+94.74
- (H) = P.O.T. STATION 1161+60.87

SPLITTER ISLAND NORTH LEG EXIT EOP BASELINE COORDINATE DATA

POINT	STATION	NORTHING	EASTING
P.C. STATION	1150+00.00	1,993,192.1693	1,001,438.2997
P.I. STATION	1150+49.81	1,993,239.2767	1,001,422.1067
P.T. STATION	1150+98.73	1,993,289.0895	1,001,422.0068
P.O.T. STATION	1151+55.99	1,993,346.3543	1,001,421.8918

NORTH LEG EXIT CROWN BASELINE COORDINATE DATA

POINT	STATION	NORTHING	EASTING
P.C. STATION	1160+00.00	1,993,186.9871	1,001,448.4871
P.I. STATION	1160+47.74	1,993,232.5138	1,001,434.1203
P.T. STATION	1160+94.74	1,993,280.2535	1,001,434.0245
P.O.T. STATION	1161+60.87	1,993,346.3784	1,001,433.8918

SPLITTER ISLAND EAST LEG ENTRY EOP BASELINE COORDINATE DATA

POINT	STATION	NORTHING	EASTING
P.C. STATION	1120+00.00	1,993,147.8054	1,001,475.2083
P.I. STATION	1120+24.26	1,993,136.0786	1,001,496.4436
P.C.C. STATION	1120+47.39	1,993,136.6122	1,001,520.6958
P.I. STATION	1121+13.21	1,993,138.0601	1,001,586.4961
P.T. STATION	1121+76.97	1,993,166.9208	1,001,645.6472

SPLITTER ISLAND WEST LEG ENTRY EOP BASELINE COORDINATE DATA

POINT	STATION	NORTHING	EASTING
P.O.T. STATION	1110+00.00	1,993,136.1126	1,001,301.6653
P.C. STATION	1110+12.79	1,993,136.1382	1,001,314.4542
P.I. STATION	1110+35.59	1,993,136.1840	1,001,337.2538
P.T. STATION	1110+57.45	1,993,125.3692	1,001,357.3254

SPLITTER ISLAND EAST LEG EXIT EOP BASELINE COORDINATE DATA

POINT	STATION	NORTHING	EASTING
P.C. STATION	1130+00.00	1,993,115.4360	1,001,472.5531
P.I. STATION	1130+37.52	1,993,128.3129	1,001,507.7905
P.R.C. STATION	1130+74.65	1,993,132.1157	1,001,545.1137
P.I. STATION	1131+29.13	1,993,137.6382	1,001,599.3143
P.T. STATION	1131+82.48	1,993,161.5284	1,001,648.2782

SPLITTER ISLAND WEST LEG ENTRY EOP – CURVE DATA

PROP. CURVE RPRISLW101
PI STA. = 1100+65.83
Δ = 18° 51′ 18″ (LT)
D = 19° 05′ 55″
R = 300.00′
T = 49.81′
L = 98.73′
E = 4.11′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 1100+16.01
P.T. STA = 1101+14.74

SPLITTER ISLAND EAST LEG EXIT EOP – CURVE DATA

PROP. CURVE RPRISLE201	PROP. CURVE RPRISLE202
PI STA. = 1130+37.52	PI STA. = 1131+29.13
Δ = 14° 15′ 22″ (RT)	Δ = 20° 11′ 26″ (LT)
D = 19° 05′ 55″	D = 18° 43′ 27″
R = 300.00′	R = 306.00′
T = 37.52′	T = 54.48′
L = 74.65′	L = 107.83′
E = 2.34′	E = 4.81′
e = -----	e = -----
T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 1130+00.00	P.C. STA = 1130+74.65
P.T. STA = 1130+74.65	P.T. STA = 1131+82.48

LOCAL COORDINATE SYSTEM

NOTES

1. SPLITTER ISLANDS BASELINES LOCATED AT EDGE OF PAVEMENT ALONG SPLITTER ISLAND CURB.
2. CIRCULATING LANE BASELINE LOCATED AT EDGE OF PAVEMENT ALONG CIRCULATING LANE BETWEEN CIRCULATING LANE AND TRUCK APRON.
3. THIS PROJECT WAS SURVEYED IN A LOCAL COORDINATE SYSTEM. SEE THE ALIGNMENT, TIES & BENCHMARK SHEETS FOR LOCAL LAYOUT DATA.

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USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -
	DRAWN - JMS	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

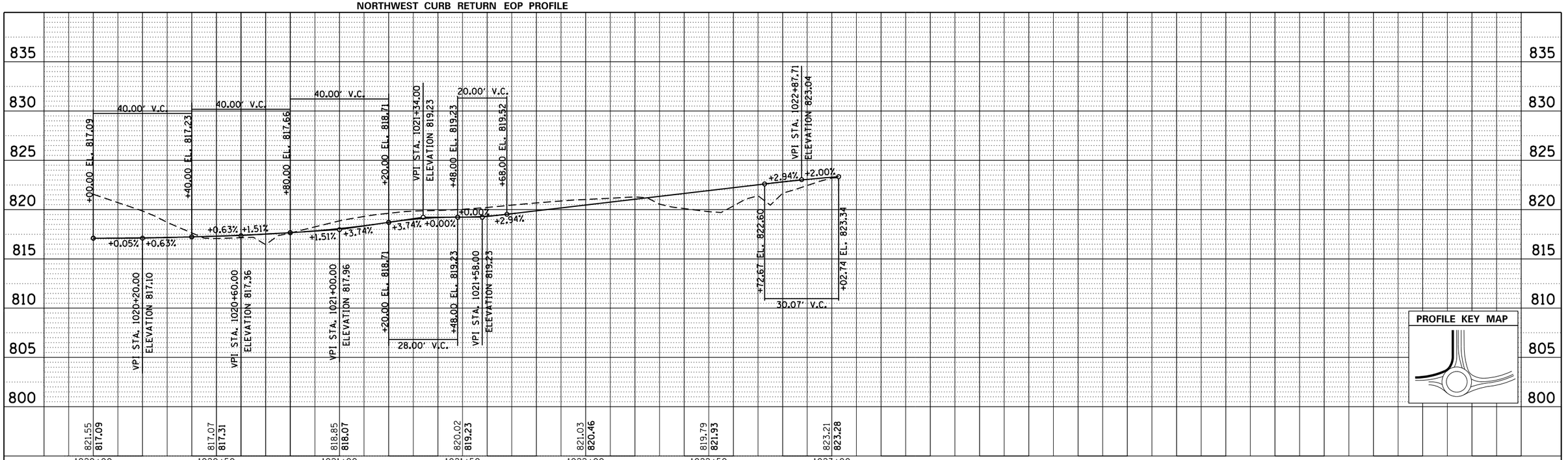
ROUNDABOUT LAYOUT DETAILS
SPLITTER ISLAND AND CIRCULATING LANE BASELINES

SCALE: 1"=20' | SHEET 3 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	167
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

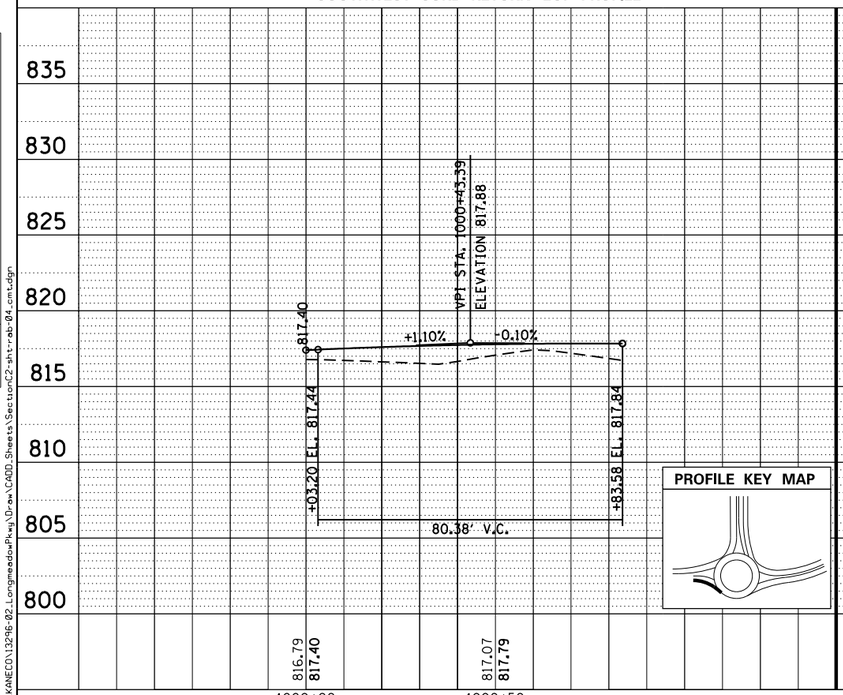
FILE NAME = L:\KANECO\13296-02_Longmeadow Pkwy\Draw\CADD\Sheets\Section\C2-sht-rab-03.cmt.dgn

NORTHWEST CURB RETURN EOP PROFILE



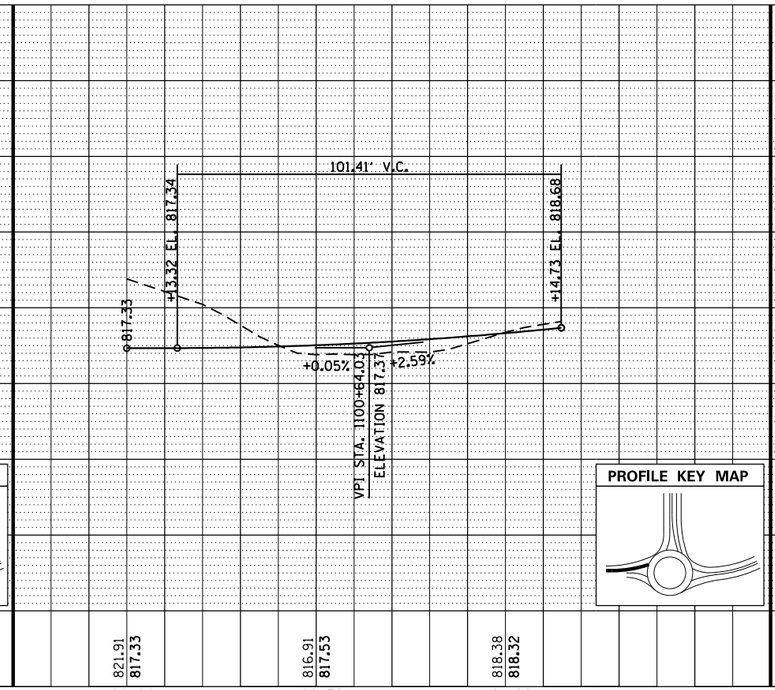
PROFILE KEY MAP

SOUTHWEST CURB RETURN EOP PROFILE



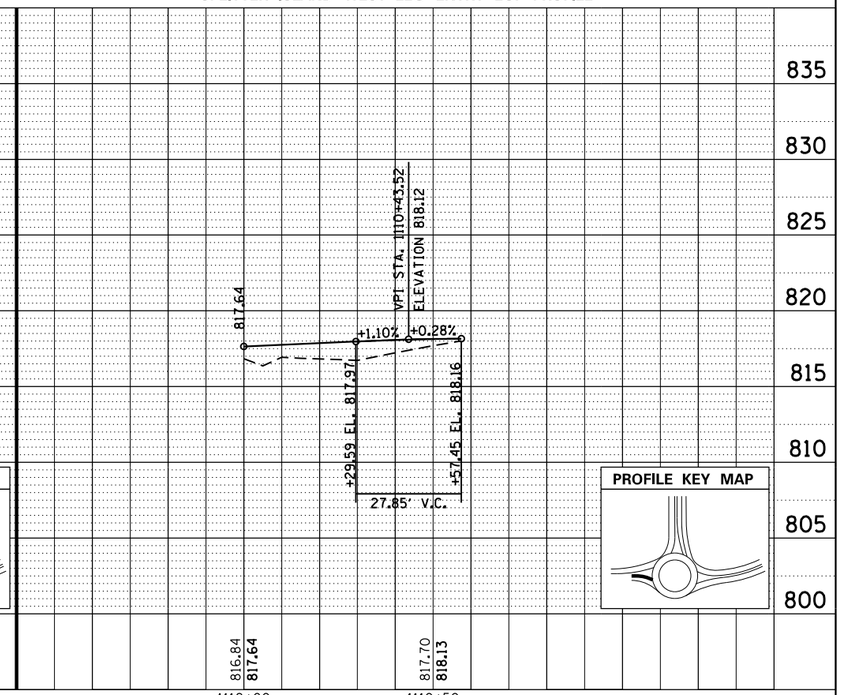
PROFILE KEY MAP

SPLITTER ISLAND WEST LEG EXIT EOP PROFILE



PROFILE KEY MAP

SPLITTER ISLAND WEST LEG ENTRY EOP PROFILE



PROFILE KEY MAP

PLAN
SURVEYED
PLOTTED
CORRECT CHECKED
NOTE BOOK
NO.
BY
DATE
ADJACENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
CORRECT CHECKED
NOTE BOOK
NO.
BY
DATE
ADJACENT CHECKED
SLM. NOTED
STRUCTURE NOTATNS CHKD

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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

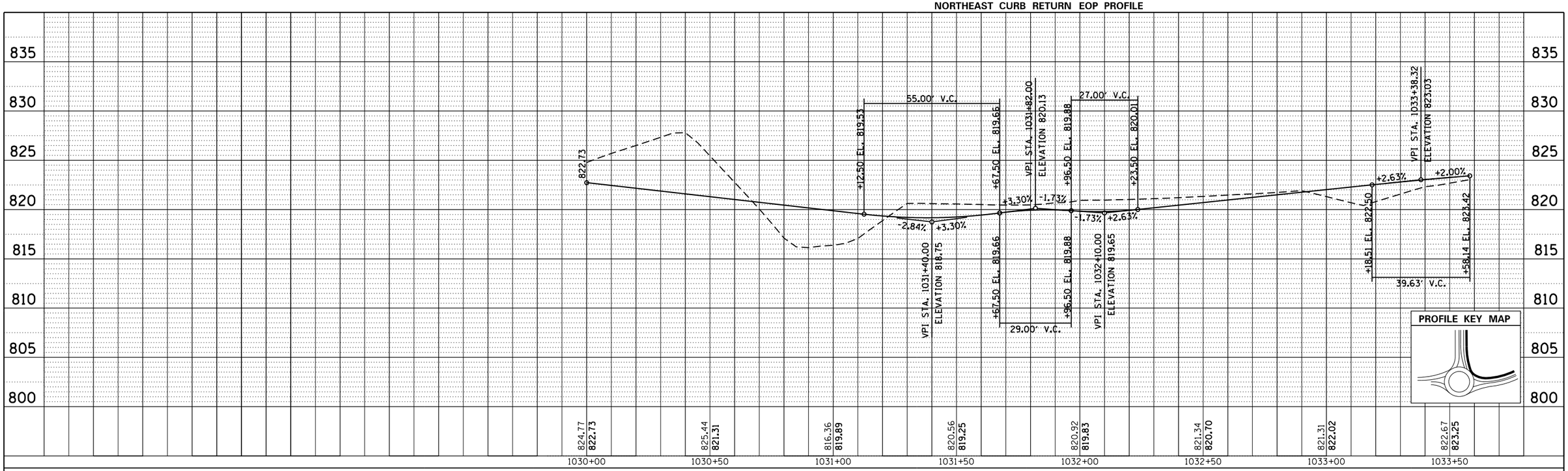
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT LAYOUT DETAILS
PROFILES – WEST LEG

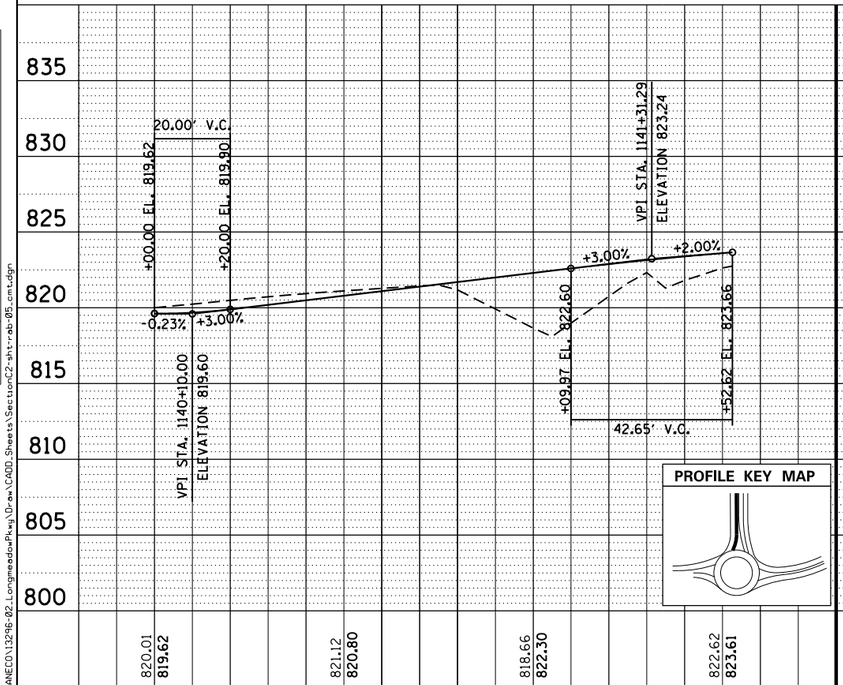
SCALE: 1"=20' | SHEET NO. 4 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	168
		Contract NO. 61G02		
	ILLINOIS FED. AID PROJECT			

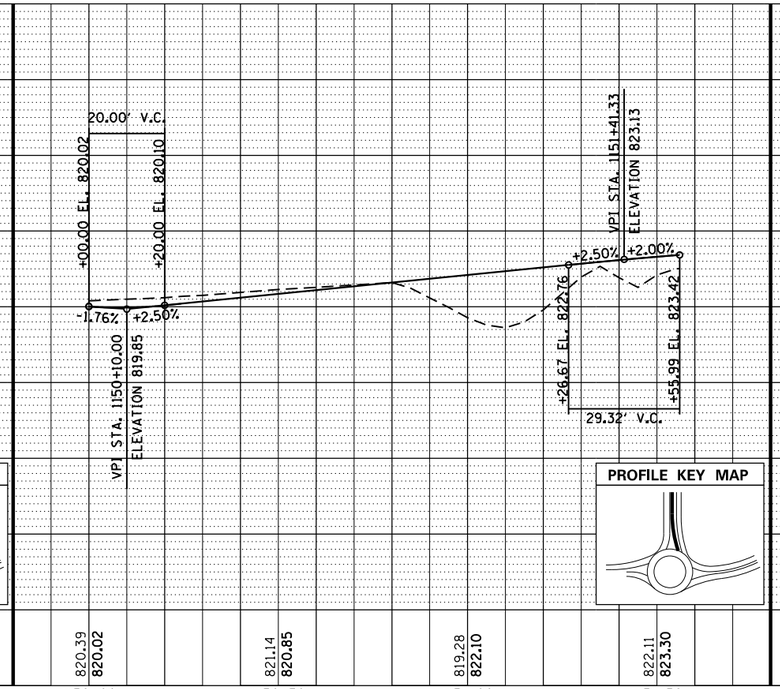
NORTHEAST CURB RETURN EOP PROFILE



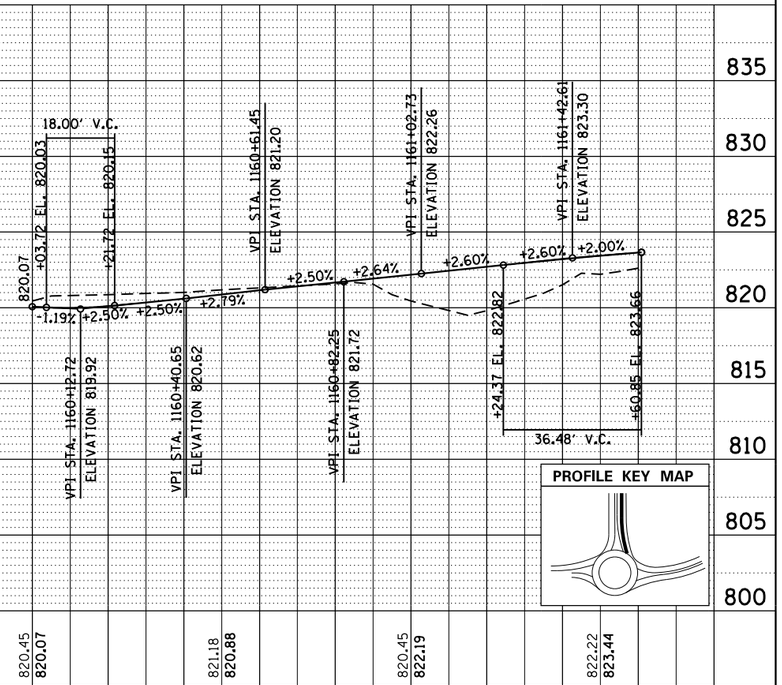
SPLITTER ISLAND NORTH LEG ENTRY EOP PROFILE



SPLITTER ISLAND NORTH LEG EXIT EOP PROFILE



NORTH LEG EXIT CROWN PROFILE



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PROFILE — SURVEYED — PLOTTED — GRADES CHECKED — S.M. NOTED — STRUCTURE NOTATNS CHKD — NOTE BOOK — NO. — BY — DATE

FILE NAME = L:\KANECON\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-rab-05_cnt.dgn

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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

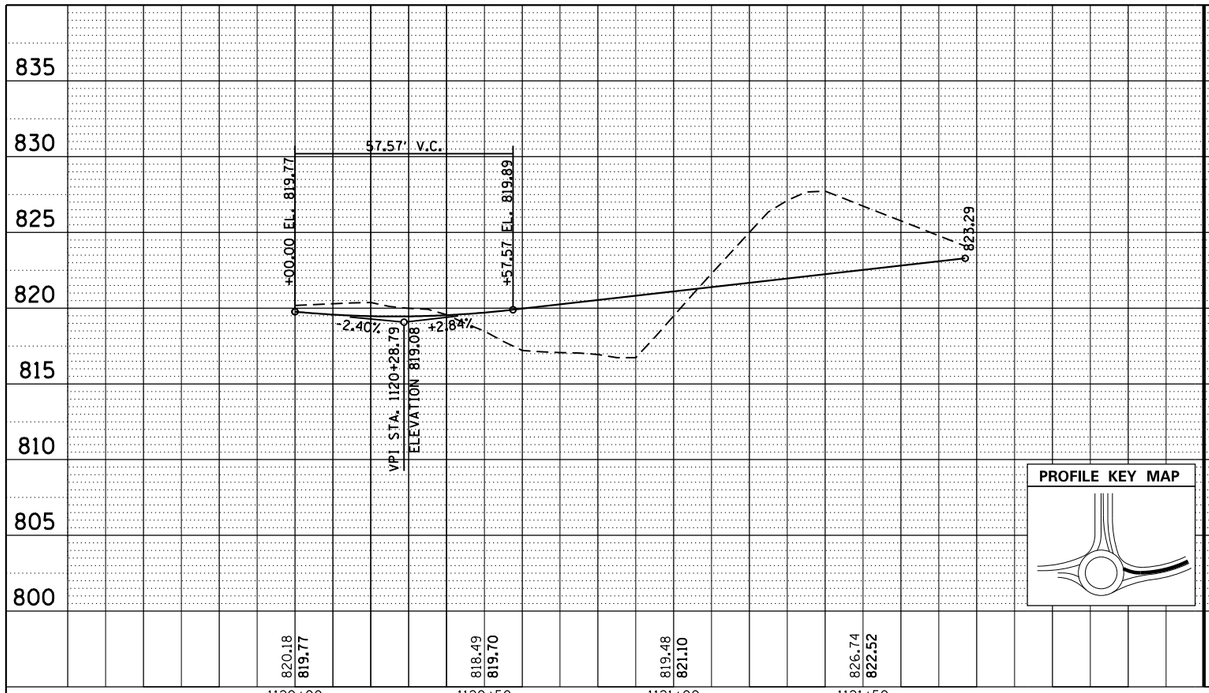
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT LAYOUT DETAILS
PROFILES – NORTH LEG

SCALE: 1"=20' | SHEET NO. 5 OF 8 SHEETS | STA. | TO STA.

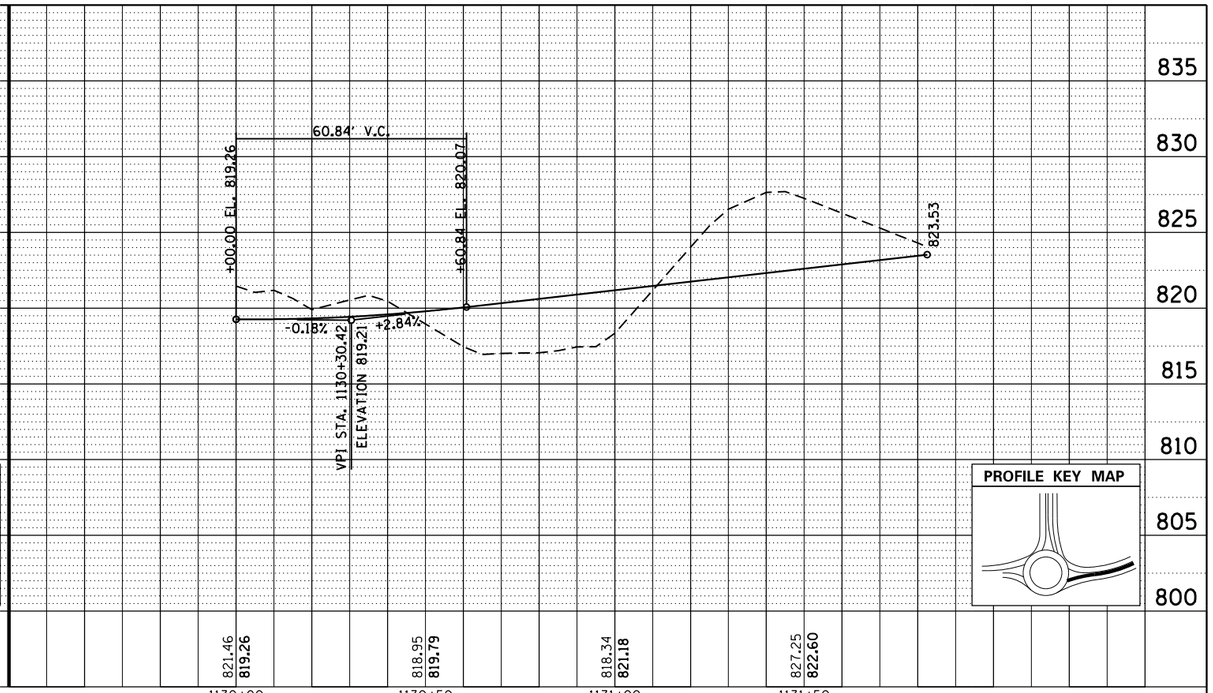
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	169
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

SPLITTER ISLAND EAST LEG ENTRY EOP PROFILE



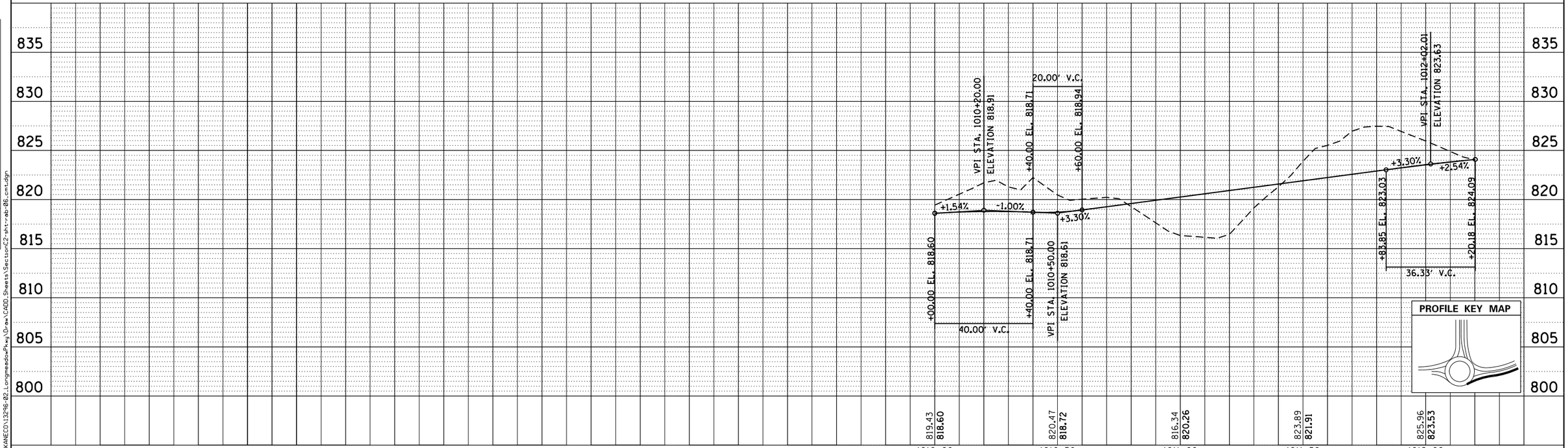
PROFILE KEY MAP

SPLITTER ISLAND EAST LEG EXIT EOP PROFILE



PROFILE KEY MAP

SOUTHEAST CURB RETURN EOP PROFILE



PROFILE KEY MAP

PLAN — SURVEYED — PLOTTED — JOINT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — JOINT CHECKED — S.M. NOTED — STRUCTURE NOTATNS CHKD — NOTE BOOK — NO. — BY — DATE

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PLOT SCALE = 40.0000 ' / in.	CHECKED - KDF		REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020		REVISED -

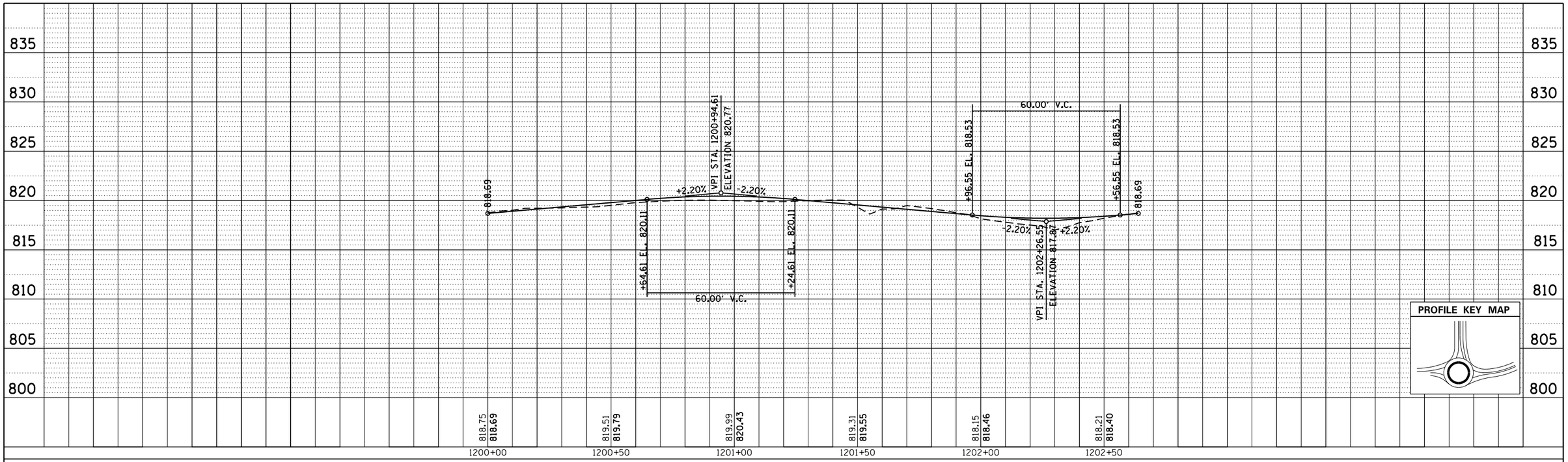
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUNDABOUT LAYOUT DETAILS
PROFILES – EAST LEG

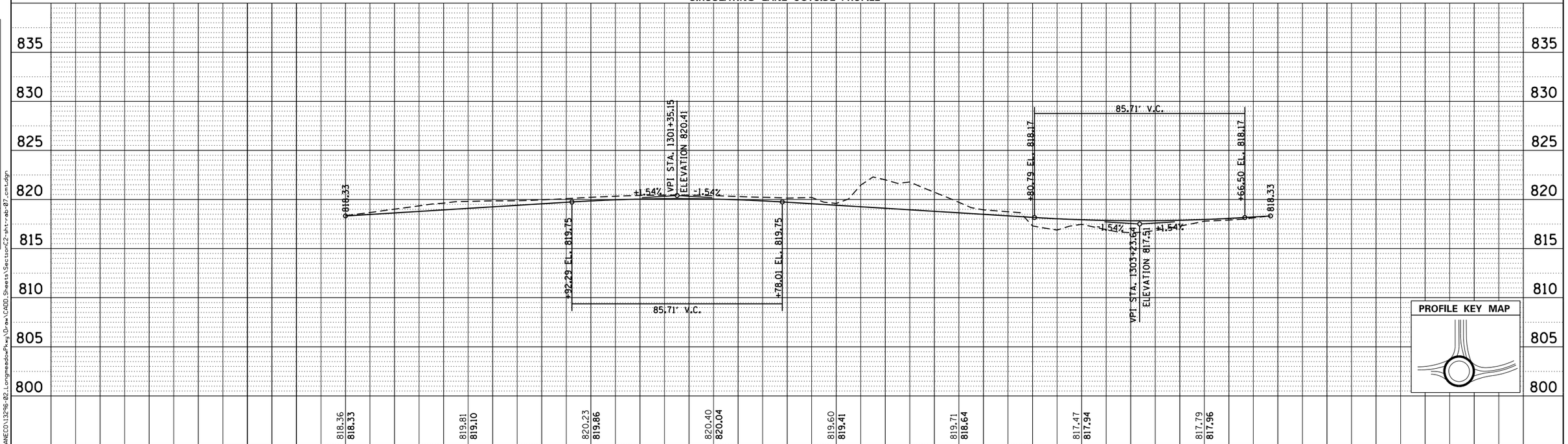
SCALE: 1"=20' | SHEET NO. 6 OF 8 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	170
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

CIRCULATING LANE INSIDE EOP PROFILE



CIRCULATING LANE OUTSIDE PROFILE



PLAN
SURVEYED
PLOTTED
ADDED/DELETED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME

PROFILE
SURVEYED
PLOTTED
ADDED/DELETED
NOTE BOOK
NO.
BY
DATE
ALIGNMENT CHECKED
SLM NOTED
STRUCTURE NOTATNS CHKD

FILE NAME = L:\KANECON\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section02-sht-rab-07_cnt.dgn

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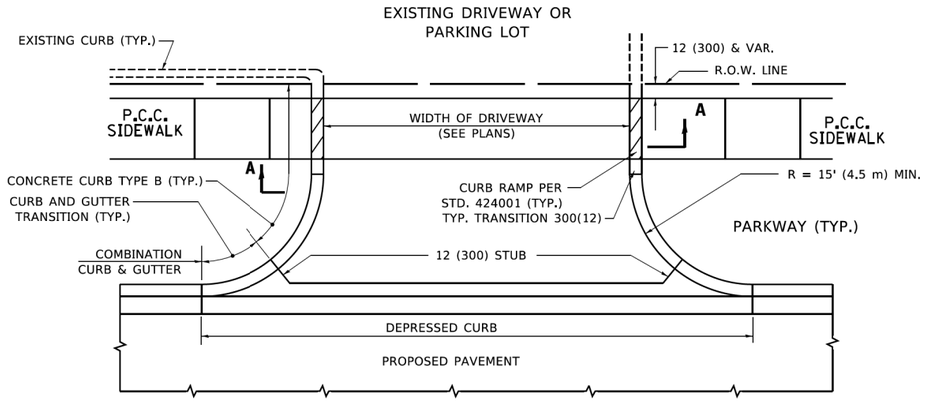
	DRAWN - JMS	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

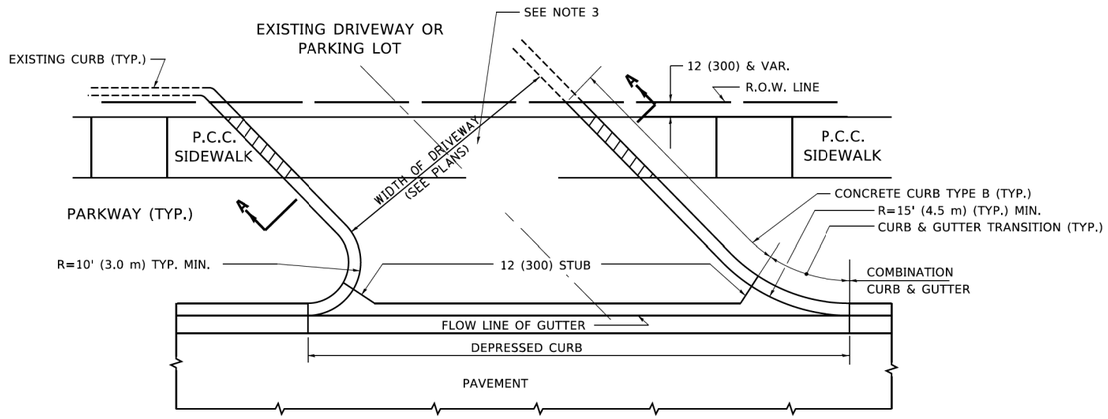
ROUNDABOUT LAYOUT DETAILS
PROFILES – CIRCULATING LANE

SCALE: 1"=20' | SHEET NO. 7 OF 8 SHEETS | STA. | TO STA.

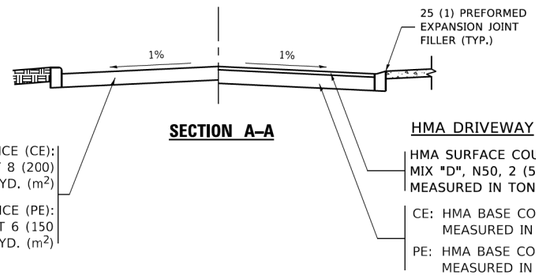
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	171
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

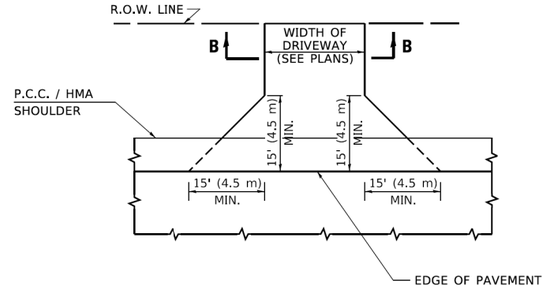


WITH CONCRETE CURB, TYPE B

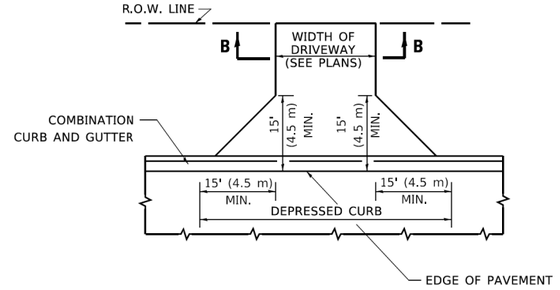


WITH CONCRETE CURB, TYPE B

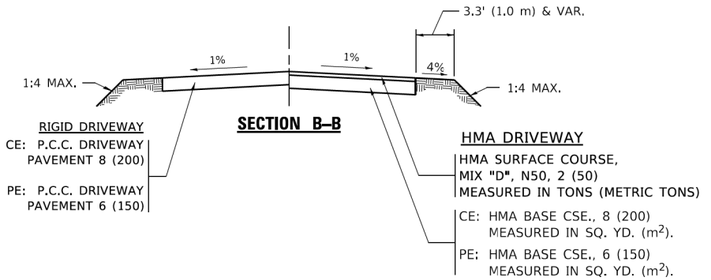




ADJACENT TO P.C.C./HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.
1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE,
MIX "D", N50, 2 (50)
MEASURED IN TONS (METRIC TONS)

AGGREGATE BASE CSE., TYPE B, 8 (200)
MEASURED IN SQ. YD. (m^2).

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USER NAME = JaffenSedig	DESIGNED = R. SHAH	REVISED = P. LaFLUER 04-15-03
MODEL NAME = Default	DRAWN =	REVISED = R. BORO 01-01-07
PLOT SCALE = 3.0000 ' / in.	CHECKED =	REVISED = R. BORO 06-11-08
PLOT DATE = 3/27/2020	DATE = 01-03-2020	REVISED = R. BORO 09-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	172
	BD400-01 (BD-01)	CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

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PEN TABLE = $PENTBLSS
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PLOT DATE = ' '
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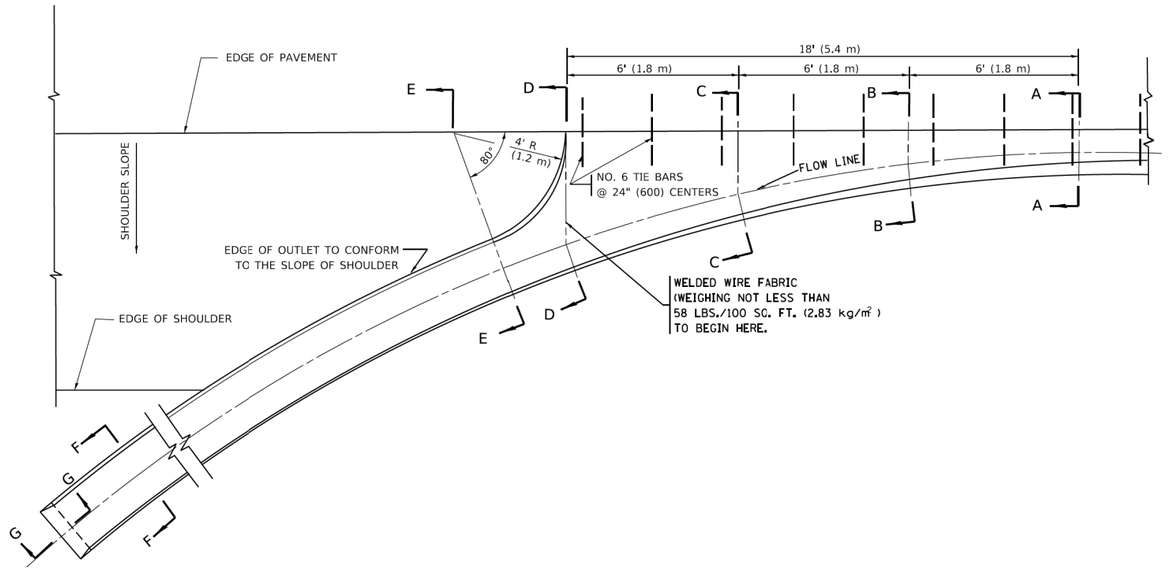
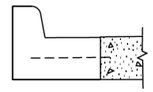
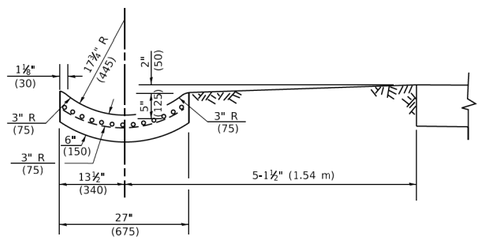
DIRECTORY default'
FILE NAME = ...\DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m).dgn



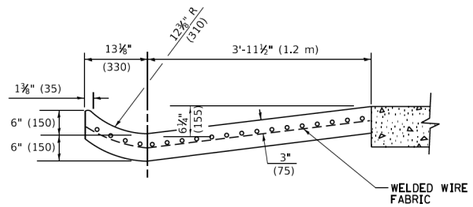


SECTION A–A ✳

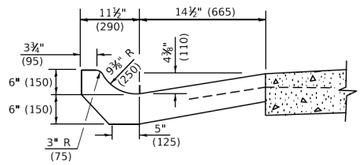
✳ DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001.
FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



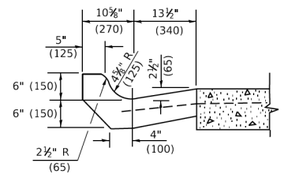
SECTION E–E



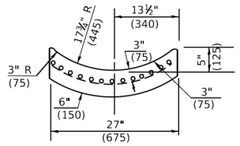
SECTION D–D



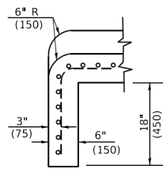
SECTION C–C



SECTION B–B



SECTION F–F



SECTION G–G

GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001.
TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN.
IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL=
1.25 CU. YDS. (0.96^{3}m) CLASS SI CONCRETE (OUTLET) FOR 9" (225) PAV'T.
1.27 CU. YDS. (0.96^{3}m) CLASS SI CONCRETE (OUTLET) FOR 10" (250) PAV'T.
FOR SECTION F-F=
0.045 CU. YDS. (0.03^{3}m) CLASS SI CONCRETE PER ft. (m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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USER NAME = JeffEnsedig	DESIGNED = M. DE YONG	REVISED = R. SHAH 09-09-94
MODEL NAME = Default	DRAWN =	REVISED = R. SHAH 10-25-94
PLOT SCALE = 2.0000 ' / in.	CHECKED =	REVISED = E. GOMEZ 12-21-00
PLOT DATE = 3/27/2020	DATE = 01/03/2020	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OUTLET FOR CONCRETE CURB AND GUTTER

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	173
	BD600–01 (BD–03)	CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

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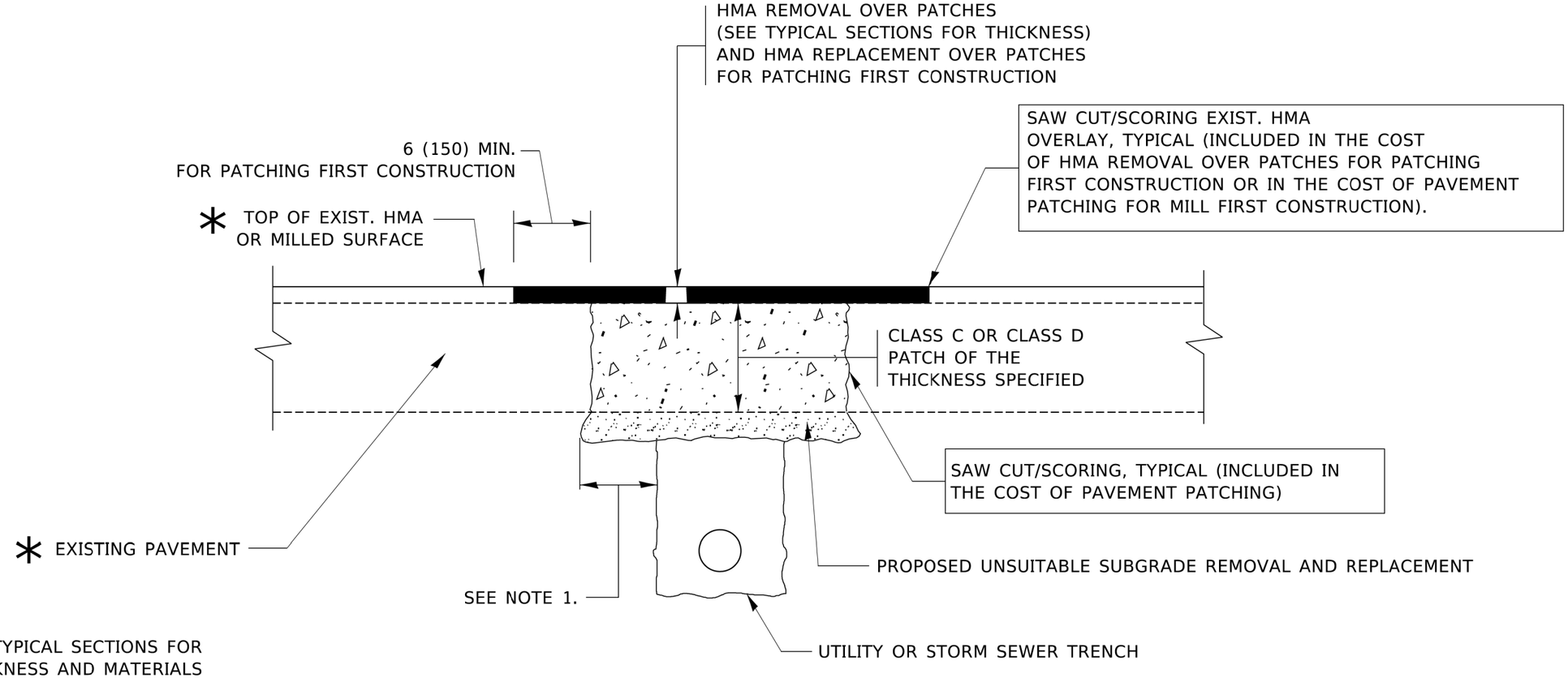


* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = JustinSedig	DESIGNED = R. SHAH	REVISED = A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
MODEL NAME = Default	DRAWN =	REVISED = R. BORO 01-01-07	
PLOT SCALE = 2.0000 ' / in.	CHECKED =	REVISED = R. BORO 09-04-07	
PLOT DATE = 3/27/2020	DATE = 01/15/2020	REVISED = K. ENG 10-27-08	

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

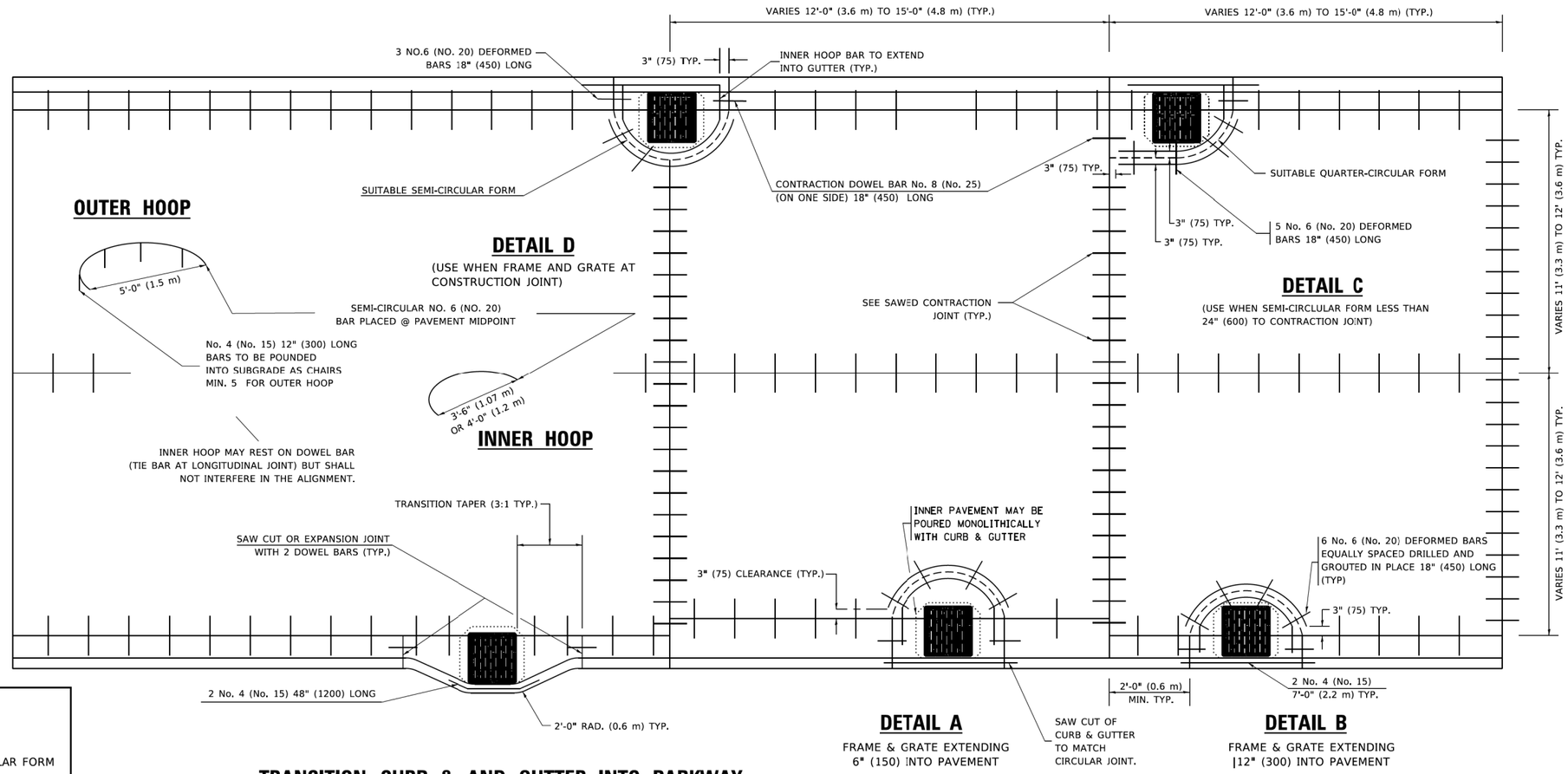
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	174
	BD400-04 (BD-22)	CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

DESIGNER NOTE
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"

NOTES:

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.



LEGEND
..... CASTING
– – – – – – – SUITABLE SEMI-CIRCULAR FORM

TRANSITION CURB & AND GUTTER INTO PARKWAY (PREFERRED BECAUSE PAVING OF MAINLINE NOT AFFECTED.)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

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USER NAME = Jaeen Sedig	DESIGNED = A. ABBAS	REVISED = T. MATOUSEK 08-28-00	
MODEL NAME = Default	DRAWN = TOM MATOUSEK	REVISED = T. MATOUSEK 10-02-00	
PLOT SCALE = 3.0000 '/ in.	CHECKED = A. ABBAS	REVISED = T. MATOUSEK 04-25-02	
PLOT DATE = 3/21/2020	DATE = 01/03/2020	REVISED = P. LAFLEUR 08-27-02	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	175
	BD-48	CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

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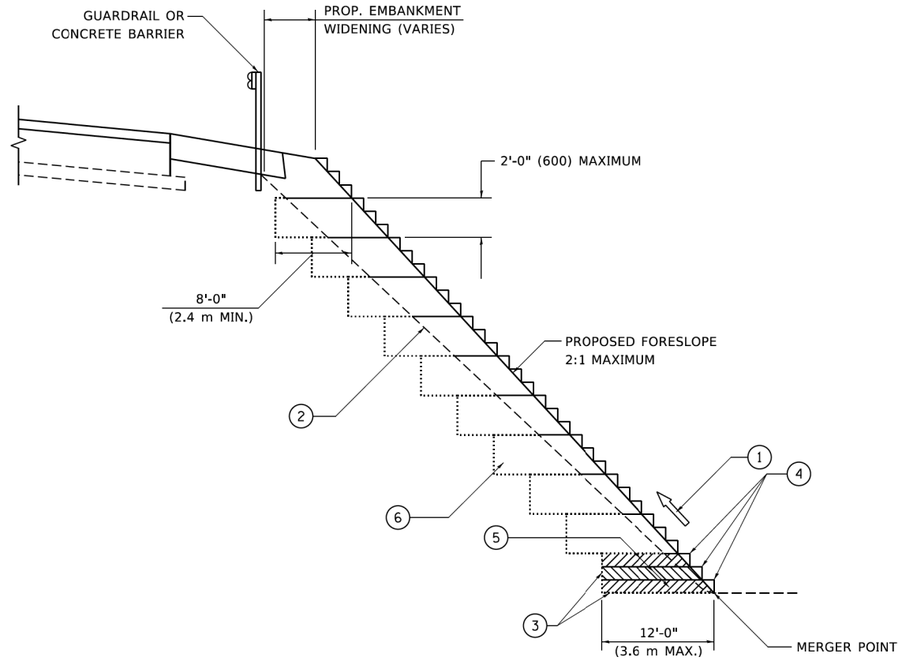

TYPICAL BENCHING DETAIL FOR EMBANKMENT

NOTES:

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
6. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL, NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PLOT DATE = 3/27/2020	DATE = 01/15/2020	REVISED =	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BENCHING DETAIL
FOR EMBANKMENT WIDENING

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	176
	BD-51	CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

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PAVEMENT MARKING NOTES

1. ALL PERMANENT PAVEMENT MARKING SHALL BE MODIFIED URETHANE UNLESS OTHERWISE NOTED.

2. PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH I.D.O.T. DISTRICT ONE STANDARD TC-13 EXCEPT CROSSWALKS AT COUNTY INTERSECTIONS SHALL HAVE 12" PAINT STRIPES AND 36" GAPS. COUNTY INTERSECTIONS ARE SANDBLOOM ROAD AT BOLZ ROAD AND BOLZ ROAD CONNECTOR AT LONGMEADOW PARKWAY.

3. LETTERS AND SYMBOLS PAVEMENT MARKING SHALL BE LARGE SIZE IN ACCORDANCE WITH ARTICLE 780 OF THE IDOT STANDARD SPECIFICATIONS AND IDOT STANDARD DETAIL 780001.

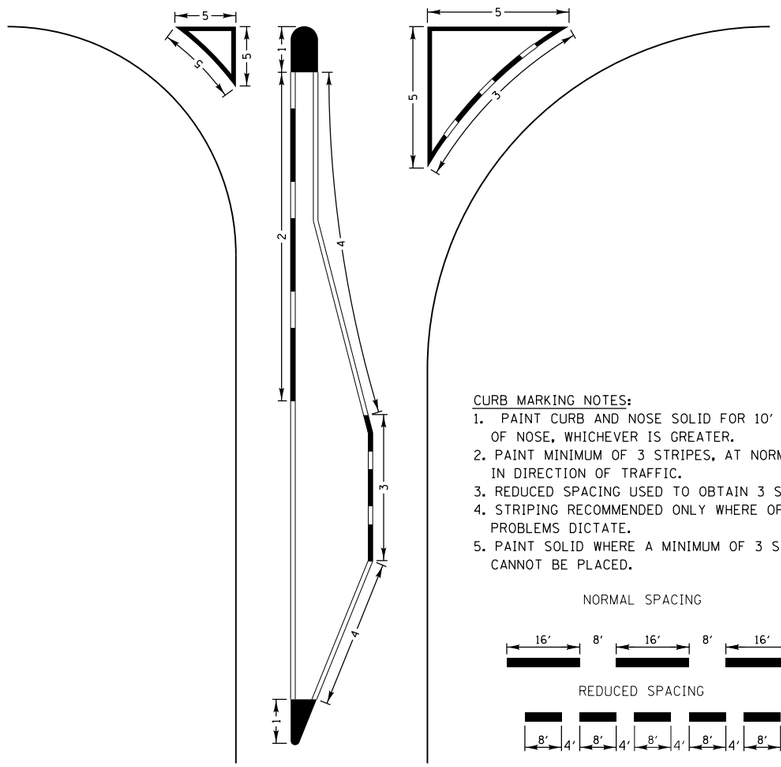
4. ANY EXISTING PAVEMENT MARKING REMOVED DUE TO MAINTENACE OF TRAFFIC SHALL BE REPLACED IN KIND.

5. PEDESTRIAN CROSS WALK PAVEMENT MARKING SHALL BE CENTERED ABOUT THE SIDEWALKS AND CURB RAMPS.

6. 24" WHITE STOP BARS PAVEMENT MARKING SHALL BE PLACED PARALLEL TO AND 4-FOOT IN ADVANCE OF PEDESTRIAN CROSSWALK. STATIONINING IS TO THE CENTER OF THE STOP BAR.

7. 4" YELLOW AND 4" WHITE EDGE LINES SHALL NOT BE INSTALLED ADJACENT TO CURB AND GUTTER, OR SOLID MEDIANS, EXCEPT WHERE SHOWN IN THE VICINITY OF THE FOX RIVER AND SANDBLOOM BRIDGES AND ADJACENT TO MOUNTABLE MEDIANS.

KDOT - CURB MARKING DETAIL



CURB MARKING NOTES:
1. PAINT CURB AND NOSE SOLID FOR 10' OR RADIUS OF NOSE, WHICHEVER IS GREATER.
2. PAINT MINIMUM OF 3 STRIPES, AT NORMAL SPACING, 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.

NORMAL SPACING

REDUCED SPACING

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
GENERAL NOTES

SCALE: NTS | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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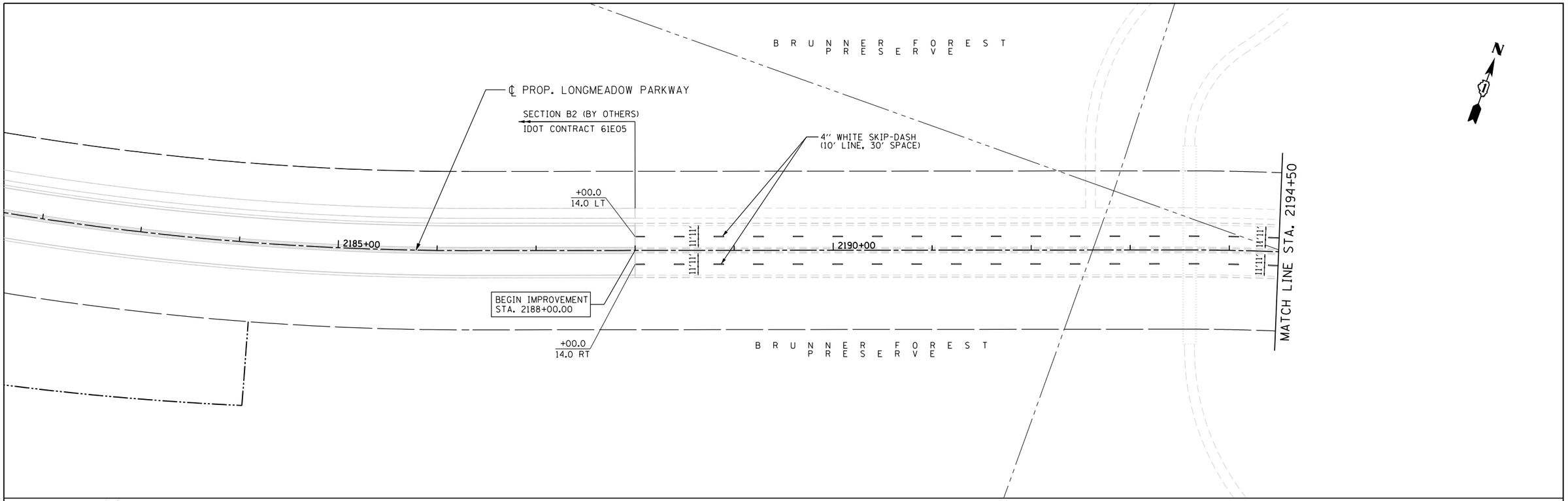
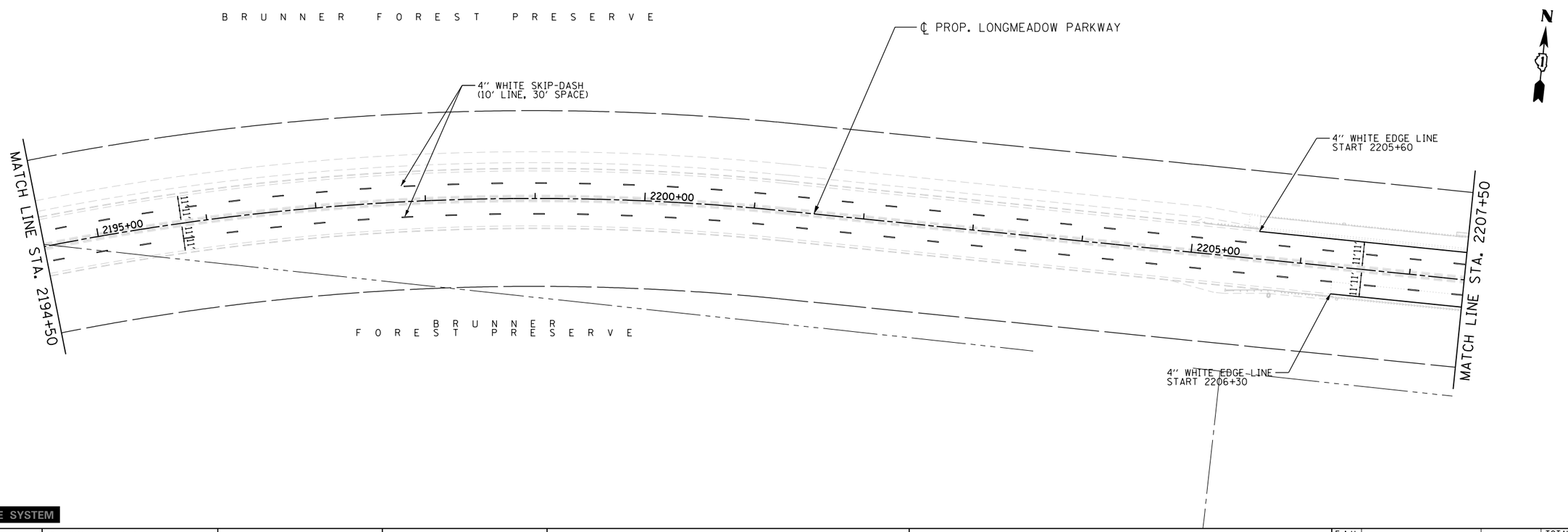
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			





LOCAL COORDINATE SYSTEM

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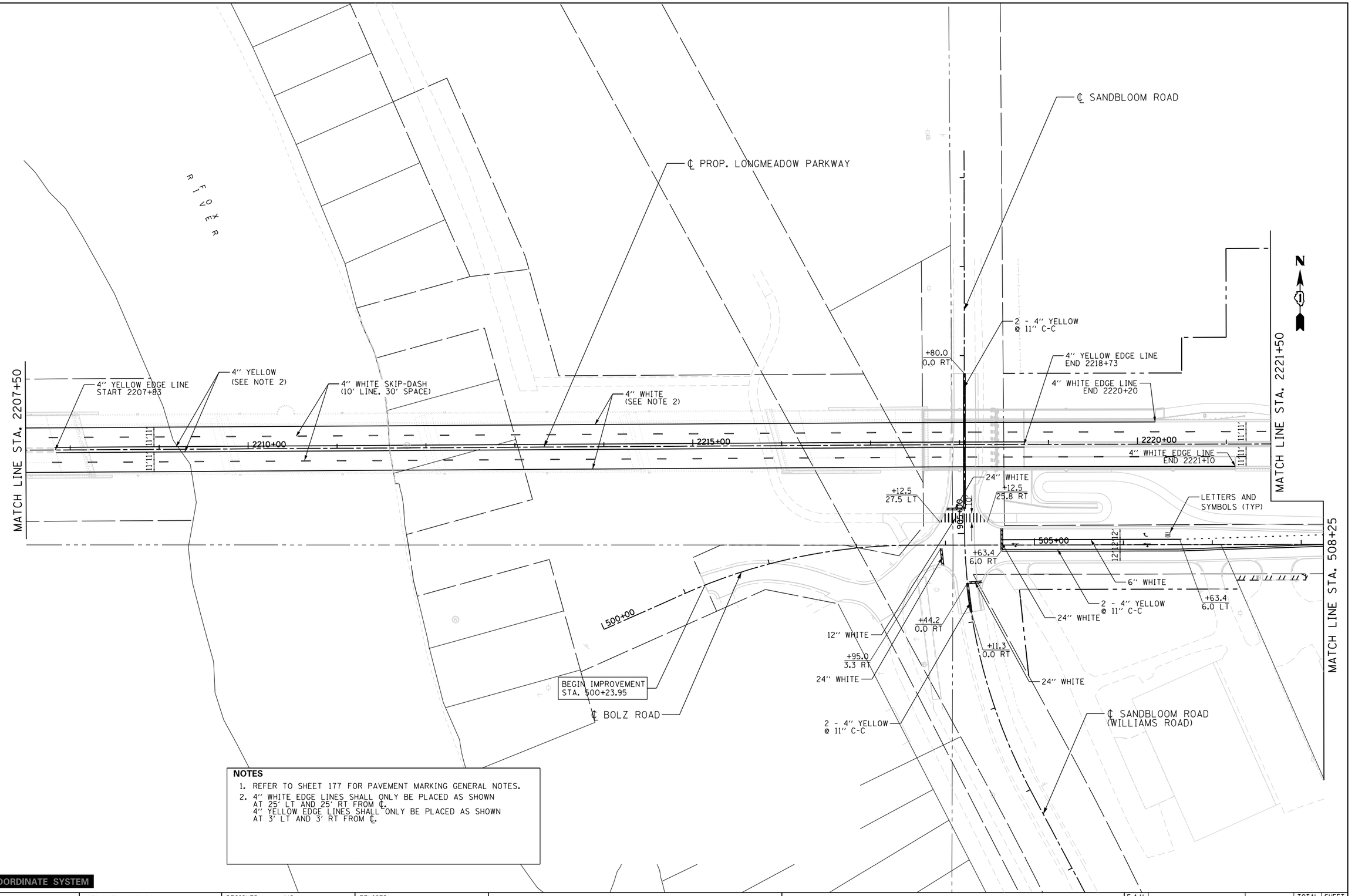
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
LONGMEADOW PARKWAY SECTION C2

SCALE: 1"=50' | SHEET 1 OF 6 SHEETS | STA. 2188+00 TO STA. 2207+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	178
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



NOTES

1. REFER TO SHEET 177 FOR PAVEMENT MARKING GENERAL NOTES.
2. 4" WHITE EDGE LINES SHALL ONLY BE PLACED AS SHOWN AT 25' LT AND 25' RT FROM ℄.
   4" YELLOW EDGE LINES SHALL ONLY BE PLACED AS SHOWN AT 3' LT AND 3' RT FROM ℄.

LOCAL COORDINATE SYSTEM

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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
LONGMEADOW PARKWAY SECTION C2

SCALE: 1"=50' | SHEET 2 OF 6 SHEETS | STA. 2207+50 TO STA. 2221+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	179
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

NOTES

1. REFER TO SHEET 177 FOR PAVEMENT MARKING GENERAL NOTES.

N

MATCH LINE STA. 2221+50

MATCH LINE STA. 2235+50

MATCH LINE STA. 508+25

MATCH LINE STA. 522+50

4" WHITE SKIP-DASH (10' LINE, 30' SPACE)

℄ PROP. LONGMEADOW PARKWAY

6" WHITE SKIP-DASH (2' LINE, 6' SPACE)

6" WHITE LETTERS AND SYMBOLS (TYP)

+62.9 9.0 RT

+62.9 31.0 RT

2225+00

2230+00

2235+00

+63.4 0.0 LT

2 - 4" YELLOW @ 11" C-C

510+00

+57

+71.3 1.0 RT

24" WHITE

8" WHITE

+53

16'

12'

2 - 4" YELLOW @ 11" C-C

LETTERS AND SYMBOLS (TYP) +09.8 1.0 RT

+34.6 13.0 RT

℄ OXFORD DRIVE

CELL TOWER

515+00

2 - 4" YELLOW @ 11" C-C

24" WHITE

+86

520+00

12" YELLOW DIAGONALS @ 45° (5 EQUALLY SPACED LINES)

8" YELLOW

PAINT PAVT MARK RAISED MEDIAN

2 - 4" YELLOW @ 11" C-C

8" YELLOW

℄ BOLZ ROAD

LOCAL COORDINATE SYSTEM

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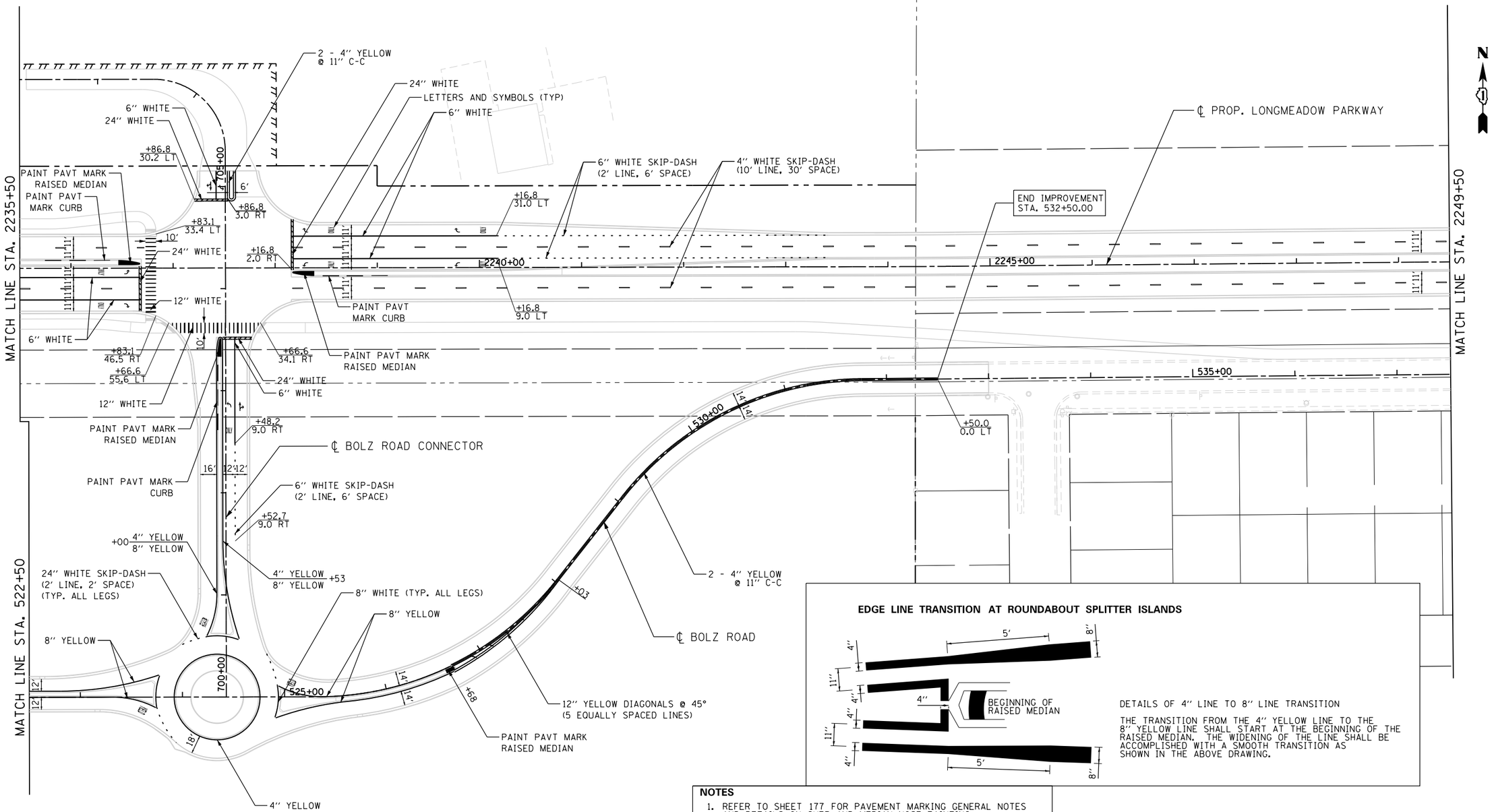
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
LONGMEADOW PARKWAY SECTION C2

SCALE: 1"=50' | SHEET 3 OF 6 SHEETS | STA. 2221+50 TO STA. 2235+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	180
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



EDGE LINE TRANSITION AT ROUNDABOUT SPLITTER ISLANDS

DETAILS OF 4" LINE TO 8" LINE TRANSITION

THE TRANSITION FROM THE 4" YELLOW LINE TO THE 8" YELLOW LINE SHALL START AT THE BEGINNING OF THE RAISED MEDIAN. THE WIDENING OF THE LINE SHALL BE ACCOMPLISHED WITH A SMOOTH TRANSITION AS SHOWN IN THE ABOVE DRAWING.

NOTES

1. REFER TO SHEET 177 FOR PAVEMENT MARKING GENERAL NOTES AND DETAILS ON CURB AND MEDIAN NOSE PAINTING.
2. YIELD LETTERS SHALL BE PLACED ACCORDING TO I.D.O.T. STANDARD 781001 - TYPICAL PAVEMENT MARKINGS.

LOCAL COORDINATE SYSTEM

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	DRAWN - JPZ	REVISED -
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PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
LONGMEADOW PARKWAY SECTION C2

SCALE: 1"=50' | SHEET 4 OF 6 SHEETS | STA. 2235+50 TO STA. 2249+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	181
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

NOTES

1. REFER TO SHEET 177 FOR PAVEMENT MARKING GENERAL NOTES.

MATCH LINE STA. 2249+50

℄ PROP. LONGMEADOW PARKWAY

4" WHITE SKIP-DASH
(10' LINE, 30' SPACE)

2250+00

2255+00

2260+00

MATCH LINE STA. 2263+50

540+00

545+00

550+00

ENSENADA DRIVE

℄ BOLZ ROAD

615

N

MATCH LINE STA. 2263+50

4" WHITE SKIP-DASH
(10' LINE, 30' SPACE)

6" WHITE SKIP-DASH
(2' LINE, 6' SPACE)

6" WHITE

+74.0
9.0 RT

2265+00

2270+00

+94.0
31.0 RT

555+00

+01.8
0.0 LT

24" WHITE
STOP BAR

2 - 4" YELLOW
@ 11" C-C

14'

+80.4
0.0 RT

24" WHITE
STOP BAR

ALAMEDA
DRIVE

℄ PROP. LONGMEADOW PARKWAY

℄ PROP. LONGMEADOW
PARKWAY

MATCH LINE STA. 2277+50

N

6" WHITE SKIP-DASH
(2' LINE, 6' SPACE)

6" WHITE

+74.0
31.0 LT

2275+00

+59.0
9.0 LT

4" WHITE SKIP-DASH
(10' LINE, 30' SPACE)

FOR MARKINGS AT INTERSECTION AND
ILLINOIS ROUTE 25 SEE SHEET184

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\Section\C2-sht-pmk-Long-05.cmt.dgn

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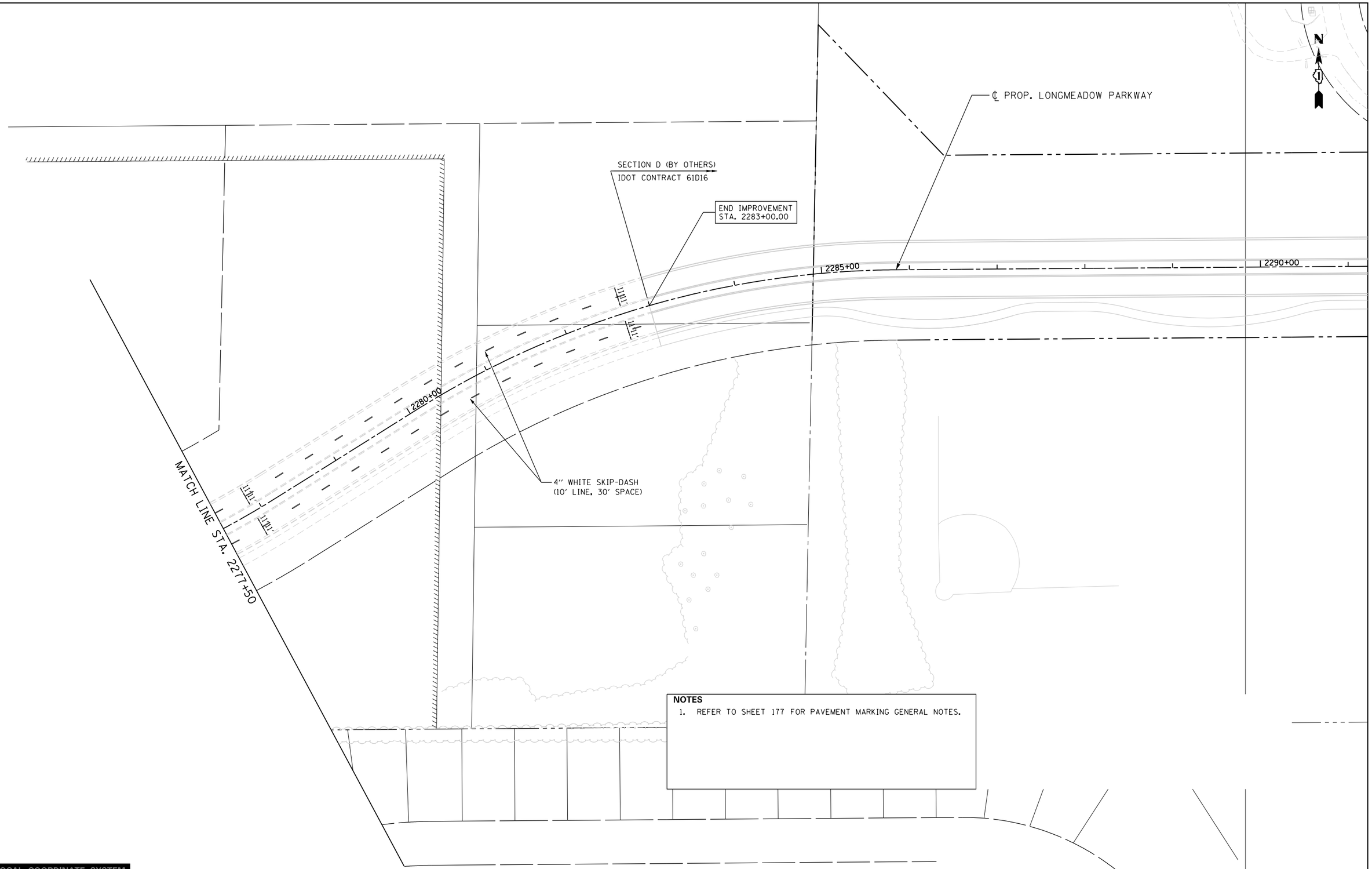
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
LONGMEADOW PARKWAY SECTION C2

SCALE: 1"=50' | SHEET 5 OF 6 SHEETS | STA. 2249+50 TO STA. 2277+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	182
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		



NOTES

1. REFER TO SHEET 177 FOR PAVEMENT MARKING GENERAL NOTES.

LOCAL COORDINATE SYSTEM

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License No. 184-000613

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
LONGMEADOW PARKWAY SECTION C2

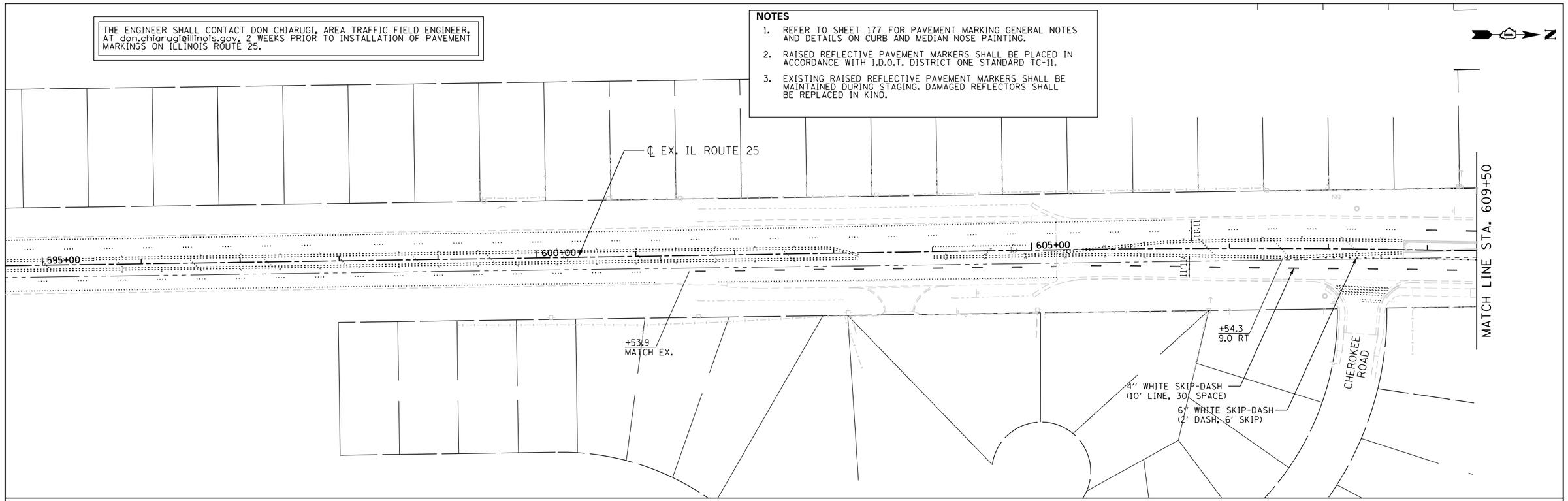
SCALE: 1"=50' | SHEET 6 OF 6 SHEETS | STA. 2277+50 TO STA. 2291+00

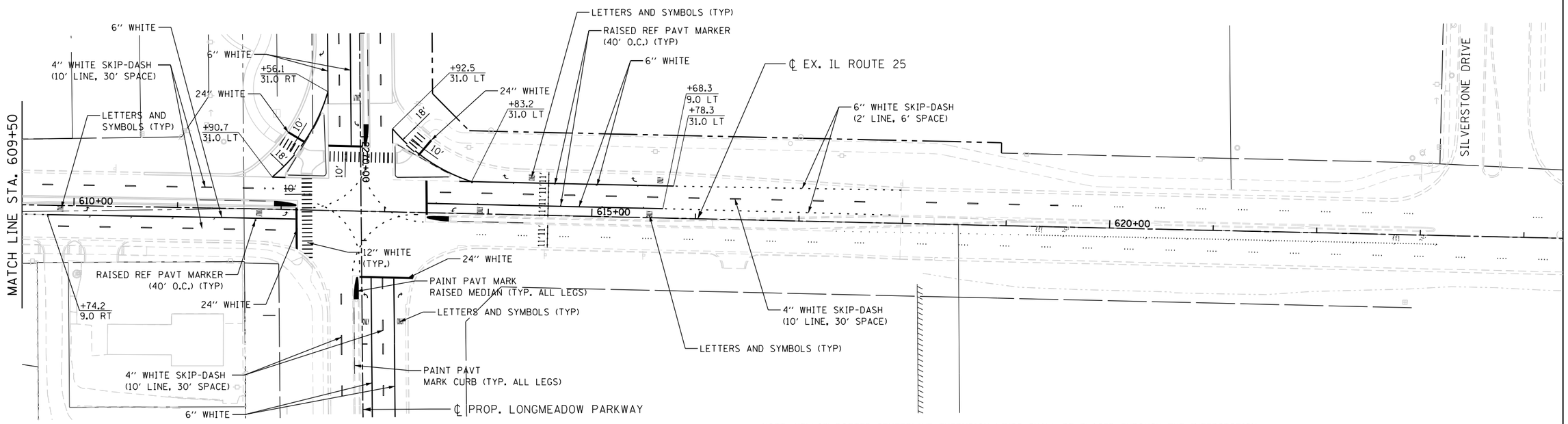
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	183
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

THE ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER, AT don.chiarugi@illinois.gov, 2 WEEKS PRIOR TO INSTALLATION OF PAVEMENT MARKINGS ON ILLINOIS ROUTE 25.

NOTES

1. REFER TO SHEET 177 FOR PAVEMENT MARKING GENERAL NOTES AND DETAILS ON CURB AND MEDIAN NOSE PAINTING.
2. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH I.D.O.T. DISTRICT ONE STANDARD TC-11.
3. EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE MAINTAINED DURING STAGING. DAMAGED REFLECTORS SHALL BE REPLACED IN KIND.





NOTE: YELLOW DOTTED CENTERLINE EXTENSION LINES SHALL BE PLACED THROUGH THE INTERSECTION AT A 60' RADIUS AS SHOWN.

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-02_Longmeadow Pkwy\Draw\CADD_Sheets\Section\C2-sht-pmk-IL25_cmt.dgn

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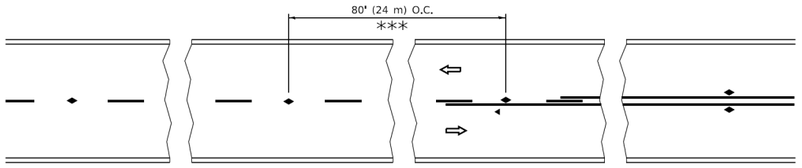
USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -
	DRAWN - JPZ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
ILLINOIS ROUTE 25

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. 604+25 TO STA. 623+25

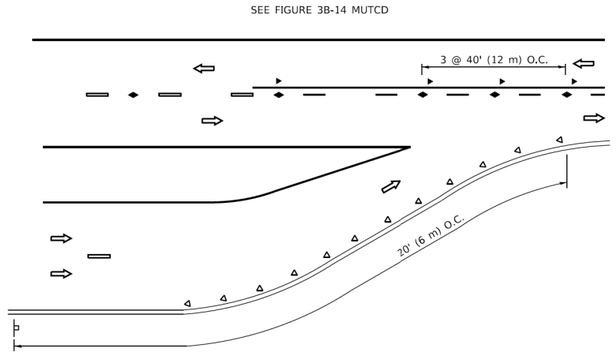
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	184
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



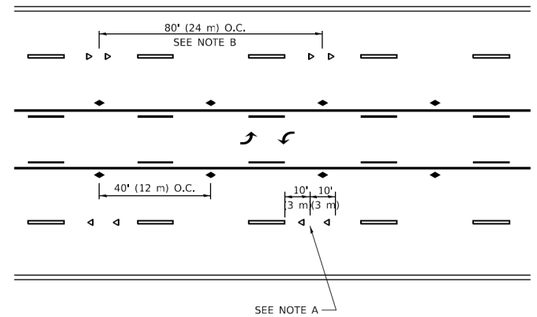
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

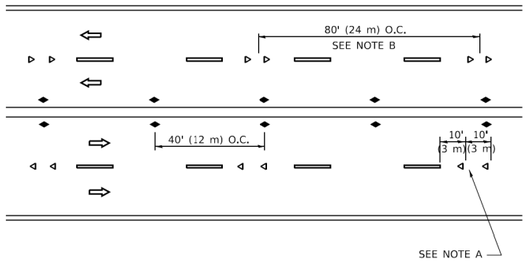
SEE FIGURE 3B-14 MUTCD

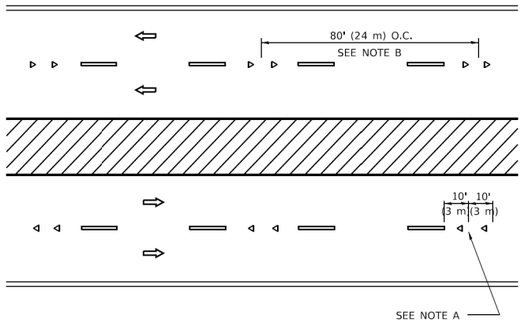


LANE REDUCTION TRANSITION



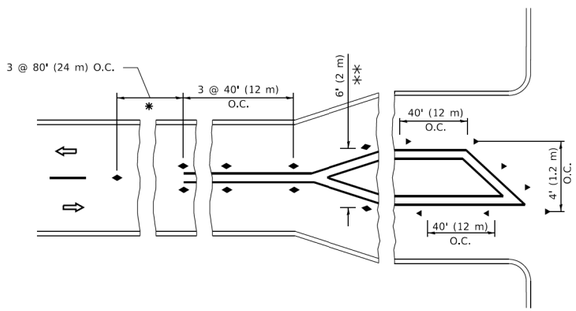
TWO–WAY LEFT TURN

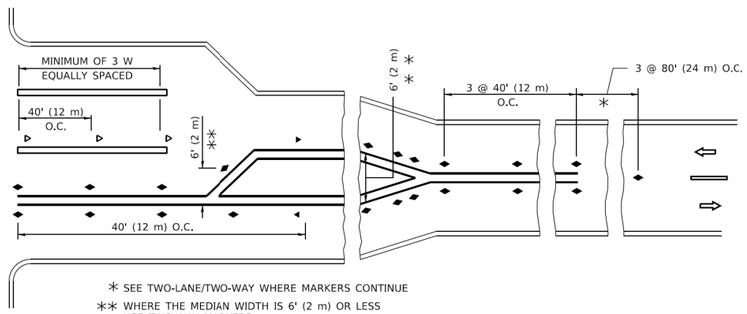




MULTI–LANE/UNDIVIDED

MULTI–LANE/DIVIDED





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

All dimensions are in inches (millimeters) unless otherwise shown.

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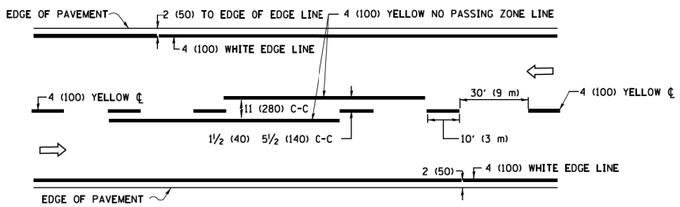
USER NAME = JaffeSedig	DESIGNED =	REVISED = T. RAMMACHER 03-12-99	
MODEL NAME = Default	DRAWN =	REVISED = T. RAMMACHER 01-06-00	
PLOT SCALE = 2.0000 ' / in.	CHECKED =	REVISED = C. JUCIUS 09-09-09	
PLOT DATE = 3/4/2020	DATE = 01/13/2020	REVISED = C. JUCIUS 07-01-13	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

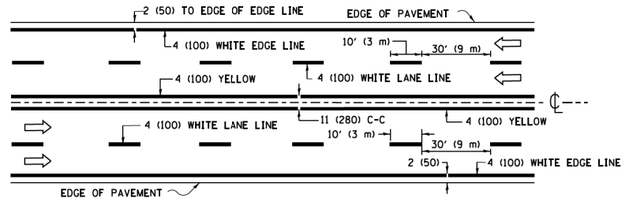
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW–PLOW RESISTANT)

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

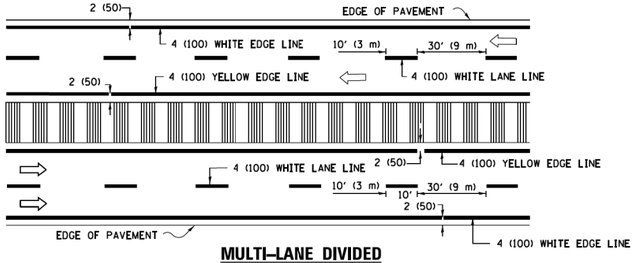
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	185
	TC-11	CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



2–LANE ROADWAY

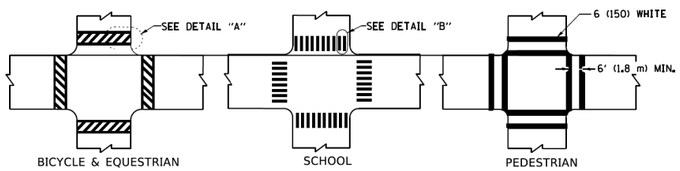


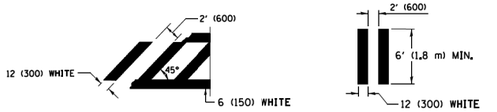
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

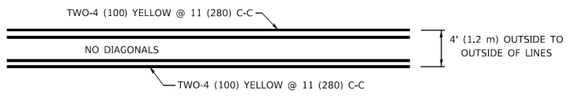




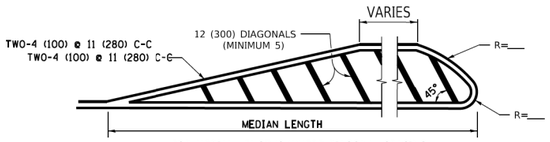
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



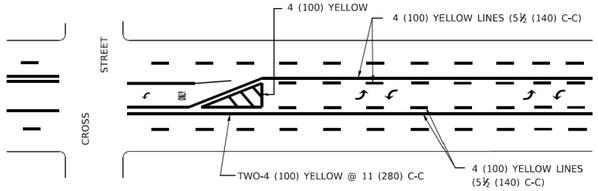
4' (1.2 m) WIDE MEDIANS ONLY



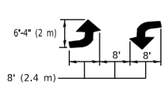
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

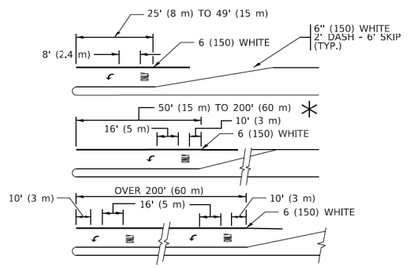


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

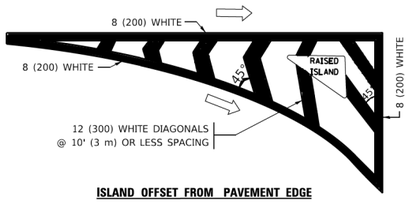


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m²)

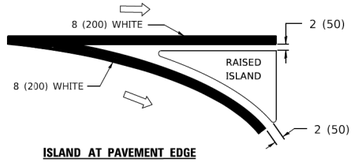
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

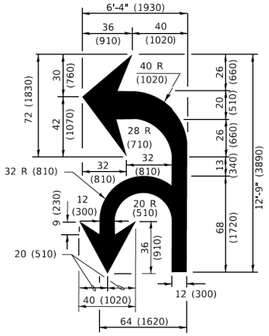


ISLAND OFFSET FROM PAVEMENT EDGE

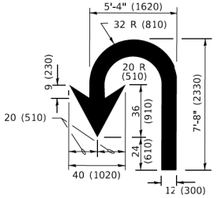


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

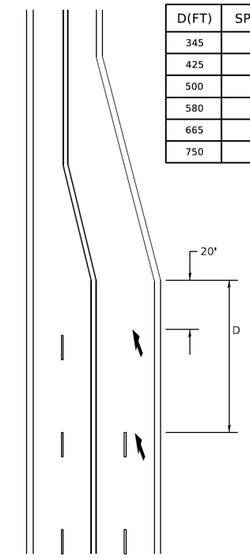


COMBINATION LEFT AND U–TURN



U–TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55



LANE REDUCTION TRANSITION

✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m² EACH "X"=54.0 SQ. FT. (5.0 m²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

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PEN TABLE = $PENTBLSS
PLOT SCALE =
PLOT DATE =
USER NAME =
DESIGN ENTITY =
FILE NAME = c:\projects\default

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PLOT DATE	= 3/27/2020	DATE	= 01/13/2020	REVISED	= C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	186
	TC–13	CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

C:\projects\default 3/4/2020 10:34:32 AM User:cfontes

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	EXISTING SIZE	REMOVE SIGN PANEL ASSEMBLY (EA)		RELOCATE SIGN PANEL ASSEMBLY (EA)		RELOCATE SIGN PANEL - TYPE I	PROPOSED STATION	PROPOSED OFFSET	PROPOSED SIZE (IN)	SIGN PANEL (SQ FT)			SIGN SUPPORT	
						TYPE A	TYPE B	TYPE A	TYPE B					TYPE 1	TYPE 2	TYPE 3	TELESCOPING STEEL (SPECIAL)	WOOD POST
S1-1	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	PROPOSED SIGN							2203+50	30.50 LT	36 x 48		12.00		29.0	
S1-2	I-3	FOX RIVER	LIGHT POLE MOUNTED	PROPOSED SIGN							2206+36	29.33 RT	24 x 18	3.00				
S1-A	R9-9	SIDEWALK CLOSED	TYPE A POST	TO BE REMOVED	24 x 12	1												
S2-A	W2-1	INTERSECTION AHEAD	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30		1											
	W16-8aP	ADVANCE STREET NAME			36 x 12													
S2-B	W1-4	REVERSE CURVE	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30	1												
	W13-1P	ADVISORY SPEED			18 x 18													
S2-C	R2-1	SPEED LIMIT 35	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 36	1												
S2-D	R1-1	STOP	POST MOUNTED (GROUND)	TO BE REMOVED	36 x 36	1												
S2-E	W14-2	NO OUTLET	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30	1												
S2-F	R5-2	NO TRUCKS	POST MOUNTED (GROUND)	TO BE REMOVED	24 x 24	1												
S2-G	D3-1	STREET SIGN - BOLZ RD	POST MOUNTED (GROUND)	TO BE REMOVED	24 x 8	1												
	D3-1	STREET SIGN - WILLIAMS RD			30 x 8													
S2-H	W2-1	INTERSECTION AHEAD	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30		1											
	W16-8aP	ADVANCE STREET NAME			36 x 12													
S2-I	R1-1	STOP	POST MOUNTED (GROUND)	TO BE REMOVED	36 x 36		1											
	W4-4P	CROSS TRAFFIC DOES NOT STOP			36 x 18													
S2-J	R2-1	SPEED LIMIT 35	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 36	1												
S2-K	W3-1	STOP AHEAD	POWER POLE MOUNTED	TO BE REMOVED	30 x 30	1												
S2-1	I-3	FOX RIVER	LIGHT POLE MOUNTED	PROPOSED SIGN							2216+81	39.58 LT	24 x 18	3.00				
S2-2	W3-1	STOP AHEAD	POST MOUNTED (GROUND)	PROPOSED SIGN							909+28	24.25 LT	30 x 30	6.25			29.0	
S2-3	W16-8aP	ADVANCE STREET NAME											54 x 15	5.63				
S2-4	D-3	LONGMEADOW PKWY	POST MOUNTED (GROUND)	PROPOSED SIGN							906+50	23.00 LT	60 x 12	5.00			23.0	
S2-5	D-3	LONGMEADOW PKWY	POST MOUNTED (GROUND)	PROPOSED SIGN							905+61	24.14 RT	60 x 12	5.00			23.0	
S2-6	R1-1	STOP	POST MOUNTED (GROUND)	PROPOSED SIGN							905+28	27.13 LT	36 x 36	9.00			31.0	
S2-7	R1-3P	ALL WAY (PLAQUE)											18 x 6	0.75				
S2-8	D3-1	SANDBLOOM RD											30 X 8	1.67				
S2-9	D3-1	OLD WILLIAMS RD											42 X 8	2.33				
S2-10	W14-2	NO OUTLET	POST MOUNTED (GROUND)	PROPOSED SIGN							503+38	16.56 RT	30 x 30	6.25			13.0	
S2-11	R1-1	STOP	POST MOUNTED (GROUND)	PROPOSED SIGN							503+87	29.68 RT	36 x 36	9.00			28.0	
S2-12	R1-3P	ALL WAY (PLAQUE)											18 x 6	0.75				
S2-13	R1-1	STOP	POST MOUNTED (GROUND)	PROPOSED SIGN							904+43	21.35 RT	36 x 36	9.00			31.0	
S2-14	R1-3P	ALL WAY (PLAQUE)											18 x 6	0.75				
S2-15	D3-1	BOLZ RD											24 x 8	1.33				
S2-16	D3-1	WILLIAMS RD											30 x 8	1.67				
S2-17	W3-1	STOP AHEAD	POST MOUNTED (GROUND)	PROPOSED SIGN							902+02	21.75 RT	30 x 30	6.25			29.0	
S2-18	W16-8aP	ADVANCE STREET NAME											54 x 15	5.63				
S2-19	R1-1	STOP	POST MOUNTED (GROUND)	PROPOSED SIGN							504+64	23.00 LT	36 x 36	9.00			28.0	
S2-20	R1-3P	ALL WAY (PLAQUE)											18 x 6	0.75				
S2-21	R2-1	SPEED LIMIT 30	POST MOUNTED (GROUND)	PROPOSED SIGN							505+40	23.25 RT	24 x 30	5.00			13.0	
S2-22	R5-2	NO TRUCKS	POST MOUNTED (GROUND)	PROPOSED SIGN							904+40	21.80 LT	24 x 24	4.00			12.5	
S2-23	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	PROPOSED SIGN							505+84	23.25 LT	30 x 36	7.50			27.0	
S2-24	W3-1	STOP AHEAD	POST MOUNTED (GROUND)	PROPOSED SIGN							506+77	23.84 LT	30 x 30	6.25			29.0	
S2-25	W16-8aP	ADVANCE STREET NAME											54 x 15	5.63				
S2-26	R2-1	SPEED LIMIT 35	POST MOUNTED (GROUND)	PROPOSED SIGN							907+40	26.50 RT	24 X 30	5.00			13.0	
S3-A	SPECIAL	NO RIGHT TURN OXFORD DR CLOSED	POST MOUNTED (GROUND)	PROPOSED SIGN				1			509+30	16.50 RT	24 X 30	5.00			13.0	
S3-B	SPECIAL	DUNDEE TOWNSHIP MAINT ENDS	POST MOUNTED (GROUND)	TO BE RELOCATED				1			510+25	17.00 RT						
S3-C	SPECIAL	DUNDEE TOWNSHIP MAINT BEGINS	POST MOUNTED (GROUND)	TO BE RELOCATED				1			510+33	17.00 LT						
S3-D	W1-3	REVERSE TURN	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30	1												
S3-E	W1-8R	CHEVRON	POST MOUNTED (GROUND)	TO BE REMOVED	18 x 24	1												
S3-F	W1-8R	CHEVRON	POST MOUNTED (GROUND)	TO BE REMOVED	18 x 24	1												
S3-G	W1-8R	CHEVRON	POST MOUNTED (GROUND)	TO BE REMOVED	18 x 24	1												
S3-H	SPECIAL	DUNDEE TOWNSHIP	POST MOUNTED (GROUND)	TO BE RELOCATED				1										
S3-I	W1-8L	CHEVRON	POST MOUNTED (GROUND)	TO BE REMOVED	18 x 24	1												
S3-J	W1-8L	CHEVRON	POST MOUNTED (GROUND)	TO BE REMOVED	18 x 24	1												
S3-K	W11-10	TRUCKS ENTERING HIGHWAY	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30	1												
S3-L	W1-1	LEFT TURN	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30	1												
	W13-1P	ADVISORY SPEED			18 x 18													
S3-M	SPECIAL	NO LEFT TURN OXFORD DR CLOSE	POST MOUNTED (GROUND)	PROPOSED SIGN						1	514+62	17.00 LT	24 X 30	5.00			13.0	
S3-1	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	PROPOSED SIGN							2223+10	30.50 RT	36 x 48		12.00		29.0	
S3-2	D3-2	ADVANCE STREET NAME NEXT SIGNAL	POST MOUNTED (GROUND)	PROPOSED SIGN							2227+00	36.00 RT	96 x 54			36.00		30.0
S3-4	D3-1 (MOD)	BOLZ RD SIGNAL W/ RIGHT ARROW	POST MOUNTED (GROUND)	PROPOSED SIGN							2229+00	36.40 RT	60 x 12	5.00			23.0	
S3-5	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	PROPOSED SIGN							2232+75	36.50 LT	36 x 48		12.00		29.0	
S3-6	R3-5L	LEFT TURN ONLY	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							2234+63	5.50 LT	24 x 30	5.00			13.0	
S3-7	M3-4	CARDINAL DIRECTION - WEST	POST MOUNTED (GROUND)	PROPOSED SIGN							2234+75	36.00 LT	24 x 12	2.00			11.5	
S3-8	M1-6	KANE COUNTY ROUTE SIGN											24 x 24	4.00			12.5	
S3-9	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	PROPOSED SIGN							2234+63	47.25 RT	30 x 36	7.50			27.0	
S3-10	W1-7	TWO-DIRECTION ARROW	POST MOUNTED (GROUND)	PROPOSED SIGN							512+12	16.00 LT	48 x 24	8.00			12.5	
S3-11	R1-1	STOP	POST MOUNTED (GROUND)	PROPOSED SIGN							804+34	42.55 RT	36 x 36	9.00			27.0	
S3-12	R1-1	STOP	POST MOUNTED (GROUND)	PROPOSED SIGN							518+40	18.03 LT	36 x 36	9.00			27.0	
S3-13	W2-6	CIRCULAR INTERSECTION	POST MOUNTED (GROUND)	PROPOSED SIGN							519+50	17.77 RT	30 x 30	6.25			15.5	
S3-14	W16-17p	ROUNDABOUT (PLAQUE)											24 x 12	2.00				
S3-15	W13-1p	SUGGESTED SPEED 20 MPH											18 X 18	2.25				
S3-16	SPECIAL	TRUCKS USE LONGMEADOW PKWY	POST MOUNTED (GROUND)	PROPOSED SIGN							520+62	18.50 RT	60 X 18	7.50			24.0	
S3-17	D1-5	DESTINATION SIGN	POST MOUNTED (GROUND)	PROPOSED SIGN									78 x 48			26.00		29.0
S3-18	R4-7	KEEP RIGHT	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							521+95	3.00 LT	24 x 30	5.00			13.0	
S3-19	R2-1	SPEED LIMIT 30	POST MOUNTED (GROUND)	PROPOSED SIGN							522+00	23.25 LT	30 X 36	7.50			27.0	

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-82_LongmeadowPkwy\Draw\CADD Sheets\SectionC2-sht-signing-schedule_cmt.dgn

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USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -	
	DRAWN - JPZ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -	
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
SIGN SCHEDULE

SCALE: - | SHEET 1 OF 4 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	187
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	EXISTING SIZE	REMOVE SIGN PANEL ASSEMBLY (EA)		RELOCATE SIGN PANEL ASSEMBLY (EA)		RELOCATE SIGN PANEL - TYPE I	PROPOSED STATION	PROPOSED OFFSET	PROPOSED SIZE (IN)	SIGN PANEL (SQ FT)			SIGN SUPPORT	
						TYPE A	TYPE B	TYPE A	TYPE B					TYPE 1	TYPE 2	TYPE 3	TELESCOPING STEEL (SPECIAL)	WOOD POST
S3-20	W7-1	HILL	POST MOUNTED (GROUND)	PROPOSED SIGN							517+37	19.00 LT	30 x 30	6.25			13.0	
S3-21	W7-3P	7% GRADE											30 x 24	6.00			12.5	
S4-A	R1-1	STOP	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30	1												
S4-B	SPECIAL	COMMERCIAL SIGN	POST MOUNTED (GROUND)	TO BE REMOVED			1											
S4-C	W11-10	TRUCKS ENTERING HIGHWAY	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30	1												
S4-D	SPECIAL	NO PARKING/SNOW EMERGENCY	POST MOUNTED (GROUND)	TO BE RELOCATED				1			532+38	19.25 RT						
	R2-1	SPEED LIMIT 35			30 x 36													
	SPECIAL	DUNDEE TOWNSHIP																
S4-E	R2-1	SPEED LIMIT 35	POST MOUNTED (GROUND)	TO BE REMOVED	24 x 30	1												
S4-F	SPECIAL	DUNDEE TOWNSHIP	POST MOUNTED (GROUND)	TO BE RELOCATED						1	532+44	19.25 LT						
S4-1	R4-7	KEEP RIGHT	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							2236+50	5.50 LT	24 x 30	5.00			13.0	
S4-2	R4-7	KEEP RIGHT	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							2238+30	5.50 LT	24 x 30	5.00			13.0	
S4-3	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	PROPOSED SIGN							2240+16	47.25 LT	30 x 36	7.50			27.0	
S4-4	R3-5L	LEFT TURN ONLY	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							2240+16	5.50 LT	24 X 30	5.00			13.0	
S4-5	M3-2	CARDINAL DIRECTION	POST MOUNTED (GROUND)	PROPOSED SIGN							2240+16	36.00 RT	24 x 12	2.00			11.5	
S4-6	M1-6	KANE COUNTY ROUTE SIGN - EAST											24 x 24	4.00			12.5	
S4-7	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	PROPOSED SIGN							2242+16	36.50 RT	36 x 48		12.00		29.0	
S4-8	W16-15p	NEW PLAQUE	POST MOUNTED (GROUND)	PROPOSED SIGN							2246+00	37.00 LT	24 x 12	2.00			25.0	
S4-9	D3-1 (MOD)	BOLZ RD SIGNAL W/LEFT ARROW											60 x 12	5.00				
S4-10	D3-2	ADVANCE STREET NAME NEXT SIGNAL	POST MOUNTED (GROUND)	PROPOSED SIGN							2249+00	39.00 LT	96 x 54			36.00		30.0
S4-11	R4-7	KEEP RIGHT	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							703+38	6.00 LT	24 x 30	5.00			13.0	
S4-12	W2-6	CIRCULAR INTERSECTION	POST MOUNTED (GROUND)	PROPOSED SIGN							702+55	30.77 LT	30 x 30	6.25			15.5	
S4-13	W16-17p	ROUNDABOUT (PLAQUE)											24 x 12	2.00				
S4-14	W13-1p	ADVISORY SPEED - 20 MPH											18 x 18	2.25				
S4-15	R3-5L	LEFT TURN ONLY	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							702+48	6.00 LT	24 x 30	5.00			13.0	
S4-16	R3-6R	THRU-RIGHT TURN	POST MOUNTED (GROUND)	PROPOSED SIGN							702+48	26.25 RT	30 x 36	7.50			27.0	
S4-17	D1-5	DESTINATION SIGN	POST MOUNTED (GROUND)	PROPOSED SIGN									78 x 48			26.00		29.0
S4-18	R1-2	YIELD	POST MOUNTED (GROUND)	PROPOSED SIGN							700+73	42.70 LT	36 x 36 x 36	3.90			16.0	
S4-19	R1-10p	ROUNDABOUT (PLAQUE)											30 x 30	6.25				
S4-20	D1-1d	DESTINATION SIGN - BOLZ RD	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							523+69	11.56 LT	54 x 18	6.75			24.0	
S4-21	R1-2	YIELD	POST MOUNTED (GROUND)	PROPOSED SIGN							523+60	33.60 RT	36 x 36 x 36	3.90			16.0	
S4-22	R1-10p	ROUNDABOUT (PLAQUE)											30 x 30	6.25				
S4-23	R6-1	ONE WAY	POST MOUNTED (GROUND)	PROPOSED SIGN									36 x 12	3.00			11.5	
S4-24	R6-4	ROUNDABOUT DIRECTIONAL	POST MOUNTED (GROUND)	PROPOSED SIGN									30 x 24	5.00			12.5	
S4-25	R6-1	ONE WAY	POST MOUNTED (GROUND)	PROPOSED SIGN									36 x 12	3.00			11.5	
S4-26	R6-4	ROUNDABOUT DIRECTIONAL	POST MOUNTED (GROUND)	PROPOSED SIGN									30 x 24	5.00			12.5	
S4-27	R6-1	ONE WAY	POST MOUNTED (GROUND)	PROPOSED SIGN									36 x 12	3.00			11.5	
S4-28	R6-4	ROUNDABOUT DIRECTIONAL	POST MOUNTED (GROUND)	PROPOSED SIGN									30 x 24	5.00			12.5	
S4-29	D1-1d	DESTINATION SIGN - BOLZ RD	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							525+00	10.34 RT	54 x 18	6.75			24.0	
S4-30	R1-2	YIELD	POST MOUNTED (GROUND)	PROPOSED SIGN							525+07	34.60 LT	36 x 36 x 36	3.90			16.0	
S4-31	R1-10p	ROUNDABOUT (PLAQUE)											30 x 30	6.25				
S4-32	M4-5	TO AUXILIARY	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							700+65	2.90 RT	24 x 12	2.00			31.0	
S4-33	M1-6	COUNTY ROUTE SIGN											24 x 24	4.00				
S4-34	W17-I100	STREET NAME - LONGMEADOW Pkwy											48 x 9	3.00				
S4-35	M6-2	DIRECTIONAL ARROW AUXILIARY											21 x 15	2.19				
S4-36	R5-2	NO TRUCKS	POST MOUNTED (GROUND)	PROPOSED SIGN							525+30	31.00 RT	30 x 30	6.25			13.0	
S4-37	R4-7	KEEP RIGHT	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							526+62	3.00 RT	24 x 30	5.00			13.0	
S4-38	D1-5	DESTINATION SIGN	POST MOUNTED (GROUND)	PROPOSED SIGN									78 x 48			26.00		29.0
S4-39	W2-6	CIRCULAR INTERSECTION	POST MOUNTED (GROUND)	PROPOSED SIGN							530+00	19.77 LT	30 x 30	6.25			15.5	
S4-40	W16-17p	ROUNDABOUT (PLAQUE)											24 x 12	2.00				
S4-41	W13-1p	ADVISORY SPEED - 20 MPH											18 x 18	2.25				
S5-A	R2-1	SPEED LIMIT 35	POST MOUNTED (GROUND)	TO BE RELOCATED	24 x 30			1			542+80	29.23 LT						
S5-B	SPECIAL	NO PARKING/SNOW EMERGENCY	POST MOUNTED (GROUND)	TO BE RELOCATED				1			555+00	29.2 LT						
	R2-1	SPEED LIMIT 35			30 x 36													
	SPECIAL	NEIGHBORHOOD WATCH																
S5-C	R1-1	STOP	POST MOUNTED (GROUND)	TO BE RELOCATED	36 x 36						556+85	23.3 LT						
S5-1	D3-2 (MOD)	J.F. KENNEDY DR. SIGNAL AHEAD	POST MOUNTED (GROUND)	PROPOSED SIGN							2257+00	38.25 RT	78 x 48			26.00		29.0
S5-2	W16-15p	NEW PLAQUE	POST MOUNTED (GROUND)	PROPOSED SIGN							2262+00	38.30 RT	24 x 12	2.00			25.0	
S5-3	D3-1 (MOD)	J.F. KENNEDY DR. SIGNAL											90 x 12	7.50				
S5-4	M2-1	JUNCTION AUXILIARY	POST MOUNTED (GROUND)	PROPOSED SIGN							2264+00	5.00 RT	21 x 15	2.19			15.0	
S5-5	M1-5	STATE ROUTE SIGN											24 x 24	4.00				
S5-6	M6-4	DIRECTIONAL ARROW AUXILIARY											21 x 15	2.19				
S5-7	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	PROPOSED SIGN							2265+80	36.50 LT	36 x 48		12.00		29.0	
S5-8	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	PROPOSED SIGN							2265+94	47.25 RT	30 x 36	7.50			27.0	
S5-9	R3-5L	LEFT TURN ONLY	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							2266+74	5.50 LT	24 x 30	5.00			13.0	
S5-10	M3-4	CARDINAL DIRECTION	POST MOUNTED (GROUND)	PROPOSED SIGN							2268+75	37.00 LT	24 x 12	2.00			29.0	
S5-11	M1-6	KANE COUNTY ROUTE SIGN											24 x 24	4.00				
S5-12	W17-I100	STREET NAME - LONGMEADOW Pkwy											48 x 9	3.00				
S5-13	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	PROPOSED SIGN							2273+74	47.25 LT	30 x 36	7.50			27.0	
S5-14	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	PROPOSED SIGN							2274+13	36.50 RT	36 x 48		12.00		29.0	
S5-15	R3-5L	LEFT TURN ONLY	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							2274+59	5.50 RT	24 x 30	5.00			13.0	
S5-16	M2-1	JUNCTION AUXILIARY	POST MOUNTED (GROUND)	PROPOSED SIGN							2277+00	5.00 LT	21 x 15	2.19			15.0	
S5-17	M1-5	STATE ROUTE SIGN											24 x 24	4.00				
S5-18	M6-4	DIRECTIONAL ARROW AUXILIARY											21 x 15	2.19				
S5-19	W3-1	STOP AHEAD	POST MOUNTED (GROUND)	PROPOSED SIGN							553+00	19.0 RT	30 x 30	6.25			13.0	
S5-20	OM4-1	OBJECT MARKER TYPE 4	POST MOUNTED (GROUND)	PROPOSED SIGN							556+50	63.0 LT	30 x 30	6.25			13.0	
S5-21	OM4-1	OBJECT MARKER TYPE 4	POST MOUNTED (GROUND)	PROPOSED SIGN							556+53	56.6 LT	30 x 30	6.25			13.0	

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-82_LongmeadowPkwy\Draw\CADD_Sheets\SectionC2-sht-signing-schedule2_cmt.dgn

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USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -	
	DRAWN - JPZ	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -	
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
SIGN SCHEDULE

SCALE: - | SHEET 2 OF 4 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	188
		CONTRACT NO. 61G02		
		ILLINOIS	FED. AID PROJECT	

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	EXISTING SIZE	REMOVE SIGN PANEL ASSEMBLY (EA)		RELOCATE SIGN PANEL ASSEMBLY (EA)		RELOCATE SIGN PANEL - TYPE I	PROPOSED STATION	PROPOSED OFFSET	PROPOSED SIZE (IN)	SIGN PANEL (SQ FT)			SIGN SUPPORT		
						TYPE A	TYPE B	TYPE A	TYPE B					TYPE 1	TYPE 2	TYPE 3	TELESCOPING STEEL (SPECIAL)	WOOD POST	
S5-22	OM4-1	OBJECT MARKER TYPE 4	POST MOUNTED (GROUND)	PROPOSED SIGN							556+56	54.8 LT	30 x 30	6.25			13.0		
S5-23	OM4-1	OBJECT MARKER TYPE 4	POST MOUNTED (GROUND)	PROPOSED SIGN							556+60	51.0 LT	30 x 30	6.25			13.0		
S5-24	W1-6L	LEFT ARROW	POST MOUNTED (GROUND)	PROPOSED SIGN							556+40	33.00 LT	48 x 24	8.00			12.5		
S5-25	W3-1	STOP AHEAD	POST MOUNTED (GROUND)	PROPOSED SIGN							SEE PLAN	SEE PLAN	30 x 30	6.25			13.0		
S6-2	D3-1 (MOD)	J.F. KENNEDY DR. SIGNAL	POST MOUNTED (GROUND)	PROPOSED SIGN							2279+00	37.60 LT	90 x 12	7.50			23.0		
S6-3	D3-2 (MOD)	J.F. KENNEDY DR. SIGNAL AHEAD	POST MOUNTED (GROUND)	PROPOSED SIGN							2283+00	39.00 LT	78 x 48			26.00		29.0	
S7-A	W2-7	OFFSET SIDE ROAD	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30		1												REMOVE FLASHING BEACON
	W16-8aP	BOLZ RD / CHEROKEE RD OFFSET INT.			42 x 15														
S7-B	D3-1	CHEROKEE RD	POST MOUNTED (GROUND)	TO BE RELOCATED	36 x 9														
		CHEROKEE RD			36 x 9			1			FIELD	FIELD							
		J.F. KENNEDY DR			36 x 9														
		J.F. KENNEDY DR			36 x 9														
S7-C	SPECIAL	NO PARKING SNOW EMERGENCY	POST MOUNTED (GROUND)	TO BE RELOCATED	18 x 24			1			FIELD	FIELD							
	R2-1	SPEED LIMIT 25			24 x 24														
S7-D	R1-1	STOP	POST MOUNTED (GROUND)	TO BE RELOCATED	30 x 30			1			608+66	53.14 RT							
S7-E	SPECIAL	ADOPT-A-HIGHWAY	POST MOUNTED (GROUND)	TO BE RELOCATED															
	SPECIAL	IN LOVING MEMORY																	
S7-F	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 36	1													
S7-G	D3-1	BOLZ RD	POST MOUNTED (GROUND)	TO BE REMOVED	36 x 9														
		BOLZ RD			36 x 9	1													
		J.F. KENNEDY DR			36 x 9														
		J.F. KENNEDY DR			36 x 9														
S7-H	R2-1	STOP	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30	1													
S7-I	SPECIAL	SKEETERS BAR	SKID MOUNTED	TO BE RELOCATED															
S7-J	SPECIAL	DISCOUNT MUFFLER	CONCRETE FOUNDATION	TO BE RELOCATED															
S7-K	SPECIAL	ADOPT-A-HIGHWAY	POST MOUNTED (GROUND)	TO BE RELOCATED															
	SPECIAL	IN LOVING MEMORY																	
S7-L	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 36	1													
S7-M	W2-7	OFFSET SIDE ROAD	POST MOUNTED (GROUND)	TO BE REMOVED	30 x 30		1												
	W16-8aP	BOLZ RD / CHEROKEE RD OFFSET INT.			42 x 15														
S7-N	OM4-1	OBJECT MARKER (END OF ROADWAY)	POST MOUNTED (GROUND)	TO BE REMOVED	18 x 18	1													
S7-O	OM4-2	OBJECT MARKER (END OF ROADWAY)	POST MOUNTED (GROUND)	TO BE REMOVED	18 x 18	1													
S7-P	OM4-3	OBJECT MARKER (END OF ROADWAY)	POST MOUNTED (GROUND)	TO BE REMOVED	18 x 18	1													
S7-Q	OM4-4	OBJECT MARKER (END OF ROADWAY)	POST MOUNTED (GROUND)	TO BE REMOVED	18 x 18	1													
S7-1	W2-2R	ADVANCED INTERSECTION SIDE ROAD	POST MOUNTED (GROUND)	PROPOSED SIGN							600+00	40.62 RT	36 x 36	9.00			29.0		
S7-2	W16-8p	STREET NAME - CHEROKEE RD											42 x 8	2.33					
S7-3	W16-15p	NEW PLAQUE	POST MOUNTED (GROUND)	PROPOSED SIGN							604+43	42.52 RT	24 x 12	2.00			30.0		
S7-4	W3-3	TRAFFIC SIGNAL AHEAD											36 x 36	9.00					
S7-5	W16-8aP	ADVANCE STREET NAME - LONGMEADOW											42 x 15	4.38					
S7-6	R3-5L	LEFT TURN ONLY	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							609+76	5.50 LT	30 x 36	7.50			27.0		
S7-7	R6-1	ONE WAY	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							610+00	5.50 LT	36 x 12	3.00			29.0		
S7-8	R3-2	NO LEFT TURN											36 x 36	9.00					
S7-9	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	PROPOSED SIGN							610+40	36.25 LT	30 x 36	7.50			27.0		
S7-10	R4-7	KEEP RIGHT	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							611+93	5.50 LT	24 x 30	5.00			13.0		
S7-11	M3-2	CARDINAL DIRECTION	POST MOUNTED (GROUND)	PROPOSED SIGN							2272+20	51.58 RT	24 x 12	2.00			29.0		
S7-12	M1-6	COUNTY ROUTE SIGN											24 x 24	4.00					
S7-13	W17-I100	STREET NAME - LONGMEADOW PKWY											48 x 9	3.00					
S7-14	R4-7	KEEP RIGHT	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							2271+57	5.50 RT	24 x 30	5.00			13.0		
S7-15	R4-7	KEEP RIGHT	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							2269+88	5.50 LT	24 x 30	5.00			13.0		
S7-16	R4-7	KEEP RIGHT	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							613+62	5.50 RT	24 x 30	5.00			13.0		
S7-17	R2-1	SPEED LIMIT 45	POST MOUNTED (GROUND)	PROPOSED SIGN							615+50	36.25 RT	30 x 36	7.50			27.0		
S7-18	R3-5L	LEFT TURN ONLY	POST MOUNTED (PAVEMENT)	PROPOSED SIGN							615+68	5.50 RT	30 x 36	7.50			27.0		
S7-19	R3-5R	RIGHT TURN ONLY	POST MOUNTED (GROUND)	PROPOSED SIGN							615+78	47.25 LT	30 x 36	7.50			27.0		
S7-20	W16-15p	NEW PLAQUE	POST MOUNTED (GROUND)	PROPOSED SIGN							621+15	38.55 LT	24 x 12	2.00			32.0		
S7-21	W3-3	TRAFFIC SIGNAL AHEAD											36 x 36	9.00					
S7-22	W16-8aP	ADVANCE STREET NAME - LONGMEADOW											42 x 15	4.38					

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
SIGN SCHEDULE

SCALE: - | SHEET 3 OF 4 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	189
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

SIGN NUMBER	MUTCD CODE	PANEL DESCRIPTION	SIGN SUPPORT	ACTION	EXISTING SIZE	REMOVE SIGN PANEL ASSEMBLY (EA)		RELOCATE SIGN PANEL ASSEMBLY (EA)		RELOCATE SIGN PANEL - TYPE I	PROPOSED STATION	PROPOSED OFFSET	PROPOSED SIZE (IN)	SIGN PANEL (SQ FT)			TELESCOPING STEEL SIGN SUPPORT (FT)	WOOD POST (FT)	
						TYPE A	TYPE B	TYPE A	TYPE B					TYPE 1	TYPE 2	TYPE 3			
PATH S2-1	R1-1	STOP	POST MOUNTED (GROUND)	PROPOSED SIGN									18 x 18	2.25			12.0		
PATH S2-2	SPECIAL	WALK BIKE FROM HERE	POST MOUNTED (GROUND)	PROPOSED SIGN									12 x 18	1.50			13.5		
PATH S2-3	SPECIAL	WALK BIKE TO HERE		PROPOSED SIGN									12 x 18	1.50					
PATH S2-4	W1-11L	HAIRPIN CURVE LEFT	POST MOUNTED (GROUND)	PROPOSED SIGN									18 x 18	2.25			12.0		
PATH S2-5	W1-11R	HAIRPIN CURVE RIGHT	POST MOUNTED (GROUND)	PROPOSED SIGN									18 x 18	2.25			12.0		
PATH S2-6	W1-11R	HAIRPIN CURVE RIGHT	POST MOUNTED (GROUND)	PROPOSED SIGN									18 x 18	2.25			12.0		
PATH S2-7	W1-11L	HAIRPIN CURVE LEFT	POST MOUNTED (GROUND)	PROPOSED SIGN									18 x 18	2.25			12.0		
PATH S2-8	SPECIAL	WALK BIKE FROM HERE	POST MOUNTED (GROUND)	PROPOSED SIGN									12 x 18	1.50			13.5		
PATH S2-9	SPECIAL	WALK BIKE TO HERE		PROPOSED SIGN									12 x 18	1.50					
FRT-01	D1-2b	LONGMEADOW TRAIL/FOX RIVER TRAIL GUIDE	POST MOUNTED (GROUND)	PROPOSED SIGN									43 x 12	3.58			11.5		SIGNS INSTALLED IN CONTRACT 63955
FRT-02	D1-2b	FOX RIVER TRAIL/FOX RIVER TRAIL GUIDE	POST MOUNTED (GROUND)	PROPOSED SIGN									40 x 12	3.42			11.5		
FRT-03	D1-2b	FOX RIVER TRAIL/LONGMEADOW TRAIL GUIDE	POST MOUNTED (GROUND)	PROPOSED SIGN									41 x 12	3.33			11.5		
PATH S4-1	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	PROPOSED SIGN									24 x 18	3.00			13.5		
PATH S4-2	D1-3	W. LONG/TO BRUNNER FP/E. LONG DEST.		PROPOSED SIGN									36 x 18	4.50					
PATH S4-3	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	PROPOSED SIGN									24 x 18	3.00			13.5		
PATH S4-4	D1-3	TO FOX RIVER/TO BRUNNER/W. LONG DEST.		PROPOSED SIGN									36 x 18	4.50					
PATH S7-1	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	PROPOSED SIGN									24 x 18	3.00			12.5		
PATH S7-2	D3-1	LONGMEADOW TRAIL		PROPOSED SIGN									27 x 6	1.13					
PATH S7-3	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	PROPOSED SIGN									24 x 18	3.00			13.5		
PATH S7-4	D3-1	LONGMEADOW TRAIL		PROPOSED SIGN									27 x 16	1.13					
BRUN-1	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	PROPOSED SIGN							111+92	121.1 LT	24 x 18	3.00			12.5		
BRUN-2	D1-1	BRUNNER FP GUIDE		PROPOSED SIGN									24 X 6	1.00					
BRUN-3	R1-1	STOP	POST MOUNTED (GROUND)	PROPOSED SIGN									18 x 18	2.25			14.0		
BRUN-4	D11-1	BIKE ROUTE		PROPOSED SIGN							112+05	110.0 LT	24 x 18	3.00					
BRUN-5	D3-1	LONGMEADOW TRL		PROPOSED SIGN									24 X 6	1.00					
BRUN-6	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	PROPOSED SIGN							111+93	84.6 LT	24 x 18	3.00			12.5		
BRUN-7	D1-1	BRUNNER FP GUIDE		PROPOSED SIGN									24 X 6	1.00					
BRUN-8	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	PROPOSED SIGN							115+80	11.6 LT	24 x 18	3.00			12.5		
BRUN-9	D1-1	LONGMEADOW TRL GUIDE		PROPOSED SIGN									28 x 6	1.17					
BRUN-10	R1-1	STOP	POST MOUNTED (GROUND)	PROPOSED SIGN							115+92	11.6 LT	18 x 18	2.25			14.0		
BRUN-11	D11-1	BIKE ROUTE		PROPOSED SIGN									24 x 18	3.00					
BRUN-12	D3-1	BRUNNER FP		PROPOSED SIGN									18 x 6	0.75					
BRUN-13	D11-1	BIKE ROUTE	POST MOUNTED (GROUND)	PROPOSED SIGN							116+22	11.2 RT	24 x 18	3.00			12.5		
BRUN-14	D1-1	LONGMEADOW TRL GUIDE		PROPOSED SIGN									28 x 6	1.17					

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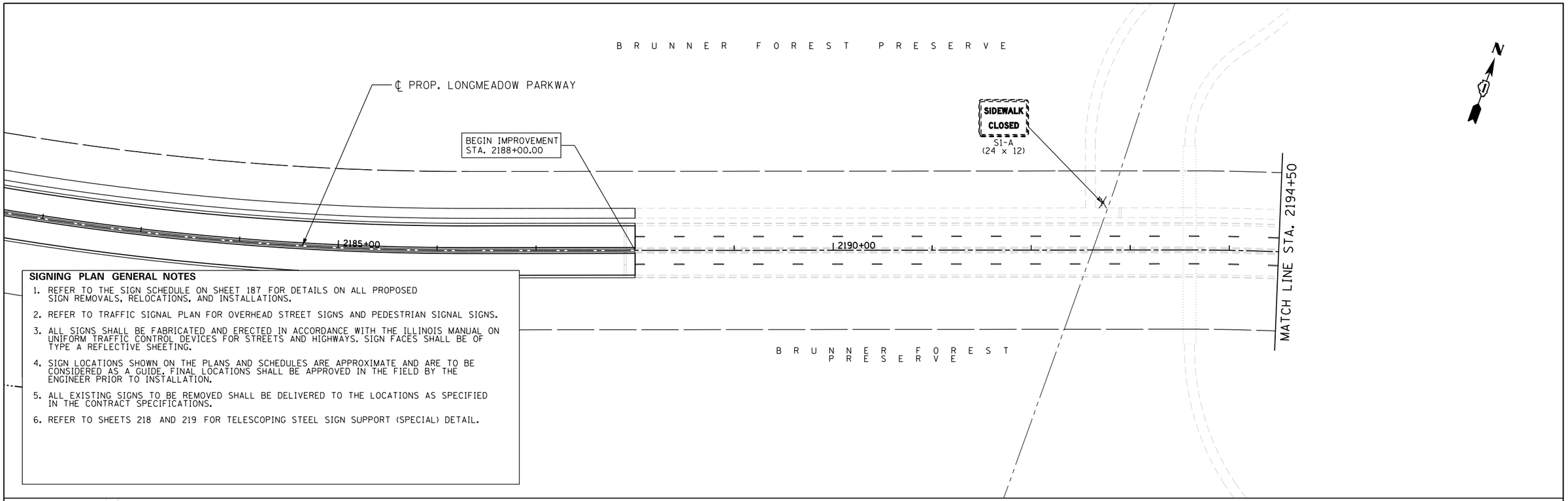
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
SIGN SCHEDULE

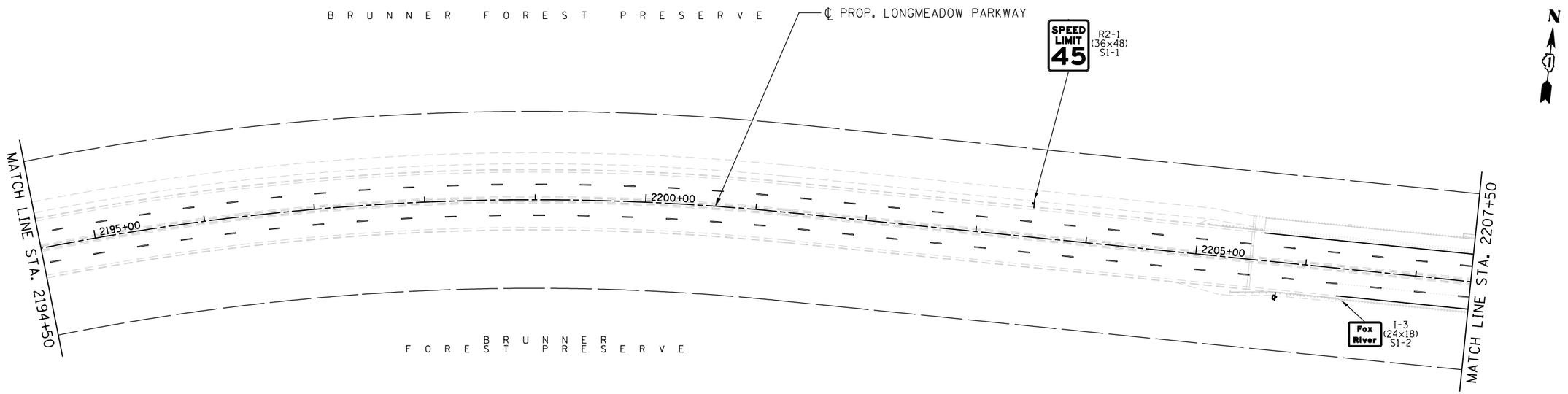
SCALE: - | SHEET 4 OF 4 SHEETS | STA. - | TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	190
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		



SIGNING PLAN GENERAL NOTES

1. REFER TO THE SIGN SCHEDULE ON SHEET 187 FOR DETAILS ON ALL PROPOSED SIGN REMOVALS, RELOCATIONS, AND INSTALLATIONS.
2. REFER TO TRAFFIC SIGNAL PLAN FOR OVERHEAD STREET SIGNS AND PEDESTRIAN SIGNAL SIGNS.
3. 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.
4. SIGN LOCATIONS SHOWN ON THE PLANS AND SCHEDULES ARE APPROXIMATE AND ARE TO BE CONSIDERED AS A GUIDE. FINAL LOCATIONS SHALL BE APPROVED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.
5. ALL EXISTING SIGNS TO BE REMOVED SHALL BE DELIVERED TO THE LOCATIONS AS SPECIFIED IN THE CONTRACT SPECIFICATIONS.
6. REFER TO SHEETS 218 AND 219 FOR TELESCOPING STEEL SIGN SUPPORT (SPECIAL) DETAIL.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=50' | SHEET 1 OF 6 SHEETS | STA. 2188+00 TO STA. 2207+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	191
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

FOX RIVER TRAIL SIGNAGE

UNCOVER — Fox River Trail → — D1-2b PATH FRT-01

UNCOVER — Fox River Trail → — D1-2b PATH FRT-01

← Fox River Trail — UNCOVER — D1-2b PATH FRT-01

LONGMEADOW TRAIL SIGNAGE

STOP — R1-1 (18x18) PATH S2-1

SPCL. SPCL. (12x18) (12x18) WALK BIKE FROM HERE / WALK BIKE TO HERE — (MOUNTED BACK TO BACK) PATH S2 2-3

W1-11L (18x18) PATH S2-4

W1-11R (18x18) PATH S2-5

W1-11R (18x18) PATH S2-6

W1-11L (18x18) PATH S2-7

SPCL. SPCL. (12x18) (12x18) WALK BIKE FROM HERE / WALK BIKE TO HERE — (MOUNTED BACK TO BACK) PATH S2 8-9

MATCH LINE STA. 2207+50

℄ PROP. LONGMEADOW PARKWAY

2210+00

2215+00

2220+00

F O X R I V E R

500+00

505+00

MATCH LINE STA. 2221+50

MATCH LINE STA. 508+25

S2-A

W3-1 (30x30) S2-2

W16-8aP (54x15) ← Bolz Rd / Old Williams Rd → S2-3

S2-B

℄ SANDBLOOM ROAD

SPEED LIMIT 35 R2-1 (24x30) S2-26

S2-C

D-3 (60x12) Longmeadow Pkwy S2-4

Longmeadow Pkwy D-3 (60x12) S2-5

Sandbloom Rd / Old Williams Rd D3-1 (30x8) S2-8

D3-1 (42x8) S2-9

I-3 (24x18) Fox River S2-1

R1-1 (36x36) STOP S2-6

R1-3P (18x6) ALL WAY S2-7

R1-1 (36x36) STOP S2-19

R1-3P (18x6) ALL WAY S2-20

S2-I

PATH S2-7

PATH S2 2-3

S2-F

S2-D

FRT-03

FRT-02

FRT-01

PATH S2 8-9

PATH S2-1

PATH S2-5

PATH S2-6

PATH S2-4

S2-K

S2-E

S2-J

S2-G

W14-2 (30x30) NO OUTLET S2-10

R1-1 (36x36) STOP S2-11

R1-3P (18x6) ALL WAY S2-12

R3-5R (30x36) ONLY S2-23

W3-1 (30x30) S2-24

W16-8aP (54x15) ← Williams Rd / Sandbloom Rd → S2-25

SPEED LIMIT 30 R2-1 (24x30) S2-21

R5-2 (24x24) S2-22

W3-1 (30x30) S2-17

S2-H

W16-8aP (54x15) ← Old Williams Rd / Bolz Rd → S2-18

Bolz Rd / Williams Rd D3-1 (24x8) S2-15

D3-1 (30x8) S2-16

R1-1 (36x36) STOP S2-13

R1-3P (18x6) ALL WAY S2-14

℄ WILLIAMS ROAD

N

LEGEND	NOTES
X SIGN REMOVAL	1. REFER TO SHEET 191 FOR SIGNING PLAN GENERAL NOTES.
R SIGN RELOCATION	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=50' | SHEET 2 OF 6 SHEETS | STA. 2207+50 TO STA. 2221+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	192
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

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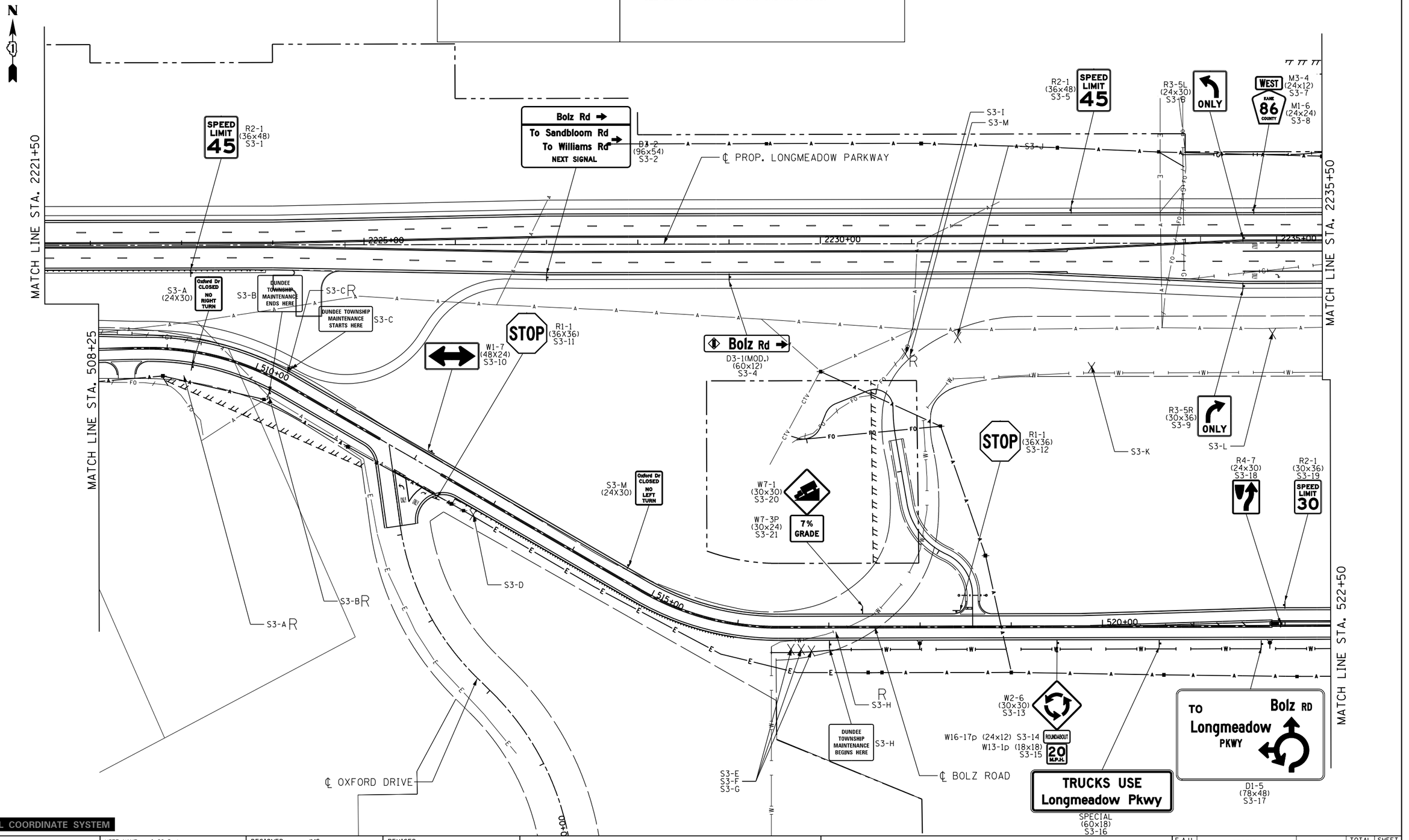
LEGEND	NOTES
X SIGN REMOVAL	1. REFER TO SHEET 191 FOR SIGNING PLAN GENERAL NOTES.
R SIGN RELOCATION	2. CONTRACTOR SHALL USE AN 8" CORE DRILL FOR SIGN PLACEMENT WITHIN THE BARRIER MEDIAN. THE CORE DRILL SHALL EXTEND THE FULL DEPTH OF THE MEDIAN. SEE DETAIL FOR MOUNTING INSTRUCTIONS.



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=50' | SHEET 3 OF 6 SHEETS | STA. 2221+50 | TO STA. 2235+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	193
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

SHARED–USE PATH SIGNAGE

D11-1 (24x18) PATH S4-1 — BIKE ROUTE
D1-3 (36x18) PATH S4-2 — ← W. Longmeadow Trl / ← To Brunner FP / E. Longmeadow Trl →
D11-1 (24x18) PATH S4-3 — BIKE ROUTE
D1-3 (36x18) PATH S4-4 — ↑ To Fox River Trl / To Brunner FP → / W. Longmeadow Trl →
(MOUNTED BACK TO BACK)

MATCH LINE STA. 2235+50

MATCH LINE STA. 2249+50

MATCH LINE STA. 522+50

℄ PROP. LONGMEADOW PARKWAY

℄ BOLZ ROAD CONNECTOR

℄ BOLZ ROAD

S4-B
S4-C
S4-E
S4-F
S4-D
S4-A

R4-7 (24x30) S4-1
R4-7 (24x30) S4-2
R3-5R (30x36) S4-3
R3-5L (24x30) S4-4
SPEED LIMIT 45 R2-1 (36x48) S4-7
W16-15p (24x12) S4-8
Bolz Rd / To Sandbloom Rd / To Williams Rd / NEXT SIGNAL D3-2 (96x54) S4-10
NEW ← Bolz Rd D3-1(MOD.) (60x12) S4-9
DUNDEE TOWNSHIP MAINTENANCE BEGINS HERE
RELOCATE SIGN PANEL - TYPE I S4-F
PATH S4-1-4
W2-6 (30x30) S4-12
W16-17p (24x12) S4-13
ROUNDABOUT
W13-1p (18x18) S4-14
20 M.P.H.
R3-5L (24x30) S4-15
ONLY
R3-6R (30x36) S4-16
R1-2 (36x36x36) S4-18
YIELD
R6-5P (30x30) S4-19
R6-1 (36x12) S4-27
ONE WAY
R6-4 (30x24) S4-28
D1-1d (54x18) S4-20
Bolz Rd ↗
R4-A (24x30) S4-11
EAST
KANE 86 COUNTY
M3-2 (24x12) S4-5
M1-6 (24x24) S4-6
Bolz RD EAST / Bolz RD WEST
D1-5 (78x48) S4-17
M4-5 (24x12) S4-32
TO
M1-6 (24x24) S4-33
Longmeadow Pkwy
W17-1100 (48x9) S4-34
M6-2 (21x15) S4-35
R1-2 (36x36x36) S4-30
R6-5P (30x30) S4-31
Bolz RD TO Longmeadow PKWY
D1-5 (78x48) S4-38
W2-6 (30x30) S4-39
ROUNDABOUT
W16-17p (24x12) S4-40
20 M.P.H.
W13-1p (18x18) S4-41
R4-7 (24x30) S4-37
R1-2 (36x36x36) S4-21
R6-5P (30x30) S4-22
R6-1 (36x12) S4-23
R6-4 (30x24) S4-24
R6-1 (36x12) S4-25
R6-4 (30x24) S4-26
Bolz Rd ↗
D1-1d (54x18) S4-29
R5-2 (30x30) S4-36
SNOW EMERGENCY PROHIBITION — NO PARKING ON ANY STREET WHEN 3" OR MORE
SPEED LIMIT 35
DUNDEE TOWNSHIP MAINTENANCE ENDS HERE
RELOCATE SIGN PANEL ASSEMBLY S4-D
ABANDONED AT&T FIBER OPTIC
2240+00
2245+00
2530+00
535+00
700+00
525+00

N

LEGEND	
X	SIGN REMOVAL
R	SIGN RELOCATION

NOTES
1. REFER TO SHEET 191 FOR SIGNING PLAN GENERAL NOTES.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=50' | SHEET 4 OF 6 SHEETS | STA. 2235+50 TO STA. 2249+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	194
		CONTRACT NO. 61G02		
		ILLINOIS FED. AID PROJECT		

LEGEND	NOTES
X SIGN REMOVAL	1. REFER TO SHEET 191 FOR SIGNING PLAN GENERAL NOTES.
R SIGN RELOCATION	

MATCH LINE STA. 2249+50

℄ PROP. LONGMEADOW PARKWAY

S5-A R

SPEED LIMIT 35 S5-A

2250+00

2255+00

2260+00

℄ PROP. LONGMEADOW PARKWAY

MATCH LINE STA. 2263+50

ABANDONED AT&T FIBER OPTIC

540+00

545+00

550+00

ENSENADA DRIVE

D3-2 (MOD) (78x48) S5-1

ILLINOIS 25 J.F. Kennedy Dr. NEXT SIGNAL

℄ BOLZ ROAD

W16-15p (24x12) S5-2

NEW

J.F. Kennedy D

D3-1 (MOD.) (90x12) S5-3

℄ BOLZ ROAD

M2-1 (21x15) S5-4
M1-5 (24x24) S5-5
M6-4 (21x15) S5-6
JCT ILLINOIS 25

SPEED LIMIT 45 R2-1 (36x48) S5-7

R3-5L (24x30) S5-9 ONLY

SNOW EMERGENCY PROHIBITION NO PARKING ON ANY STREET IF 1" OR MORE

SPEED LIMIT 35 WARNING NEIGHBORHOOD WATCH

S5-B RELOCATE SIGN PANEL ASSEMBLY

WEST KANE 86 COUNTY Longmeadow Pkwy

M3-4 (24x12) S5-10
M1-6 (24x24) S5-11
W17-1100 (48x9) S5-12

S5-B

℄ PROP. IL ROUTE 25

℄ PROP. LONGMEADOW PARKWAY

R3-5R (30x36) S5-13 ONLY

R3-5L (24x30) S5-15 ONLY

MATCH LINE STA. 2277+50

2265+00

2270+00

2275+00

W1-6L (48x24) S5-24

S5-C

ABANDONED AT&T FIBER OPTIC

555+00

STOP S5-C

W3-1 (30X30) S5-19

R3-5R (30x36) S5-8 ONLY

OM4-1 (30X30) S5-20-23

ALAMEDA DRIVE

W3-1 (30x30) S5-25 (300' FROM STOP)

SPEED LIMIT 45 R2-1 (36x48) S5-14

M2-1 (21x15) S5-16
M1-5 (24x24) S5-17
M6-4 (21x15) S5-18
JCT ILLINOIS 25

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-02_Longmeadow Pkwy\Draw\CADD_Sheets\Section\C2-sht-signing-Long-05.cmt.dgn

CMT

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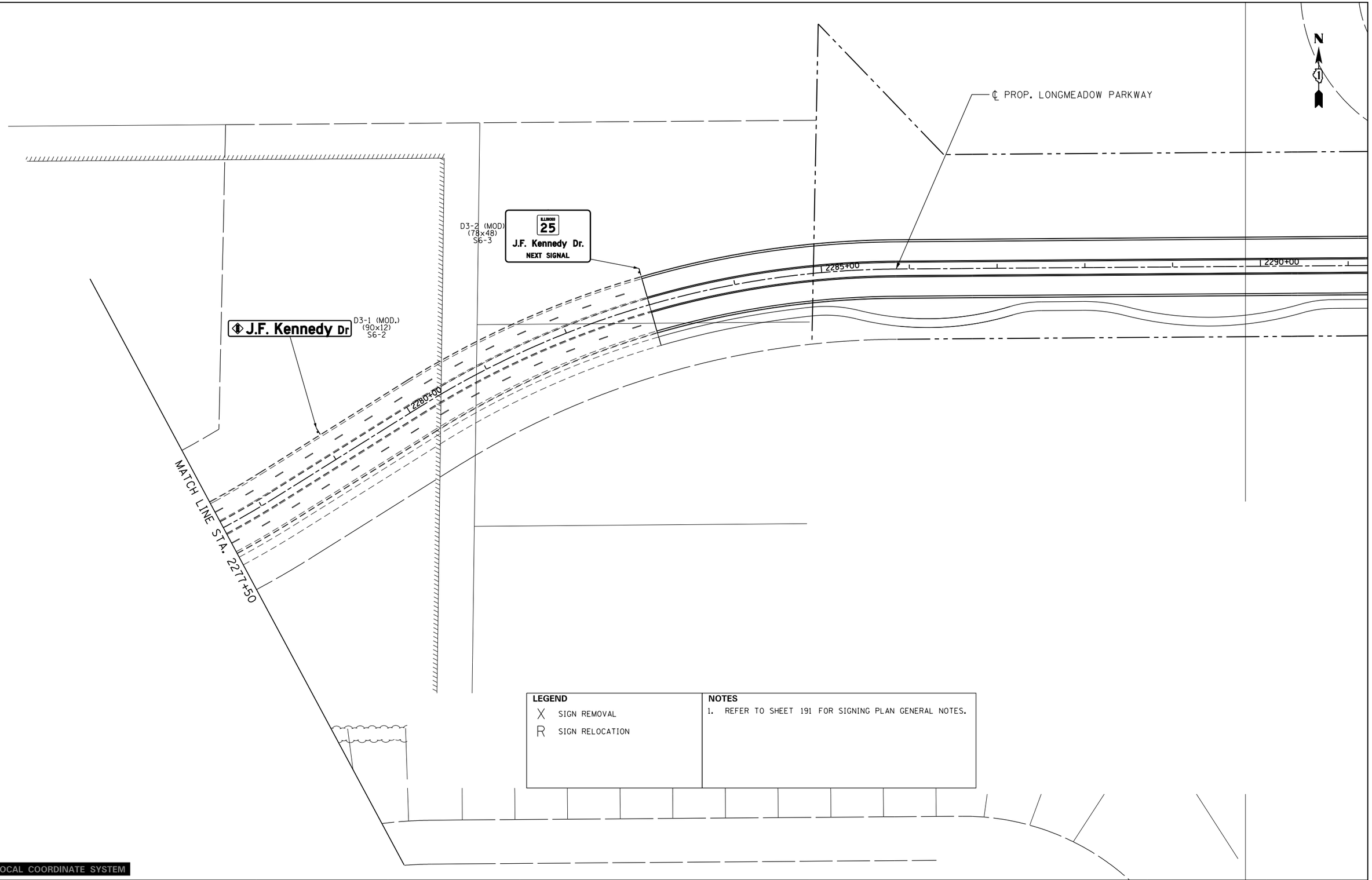
USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -
	DRAWN - JPZ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=50' | SHEET 5 OF 6 SHEETS | STA. 2249+50 TO STA. 2277+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	195
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			



LEGEND

X SIGN REMOVAL

R SIGN RELOCATION

NOTES

1. REFER TO SHEET 191 FOR SIGNING PLAN GENERAL NOTES.

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13296-02_Longmeadow\Plwy\Draw\CAD\Sheets\Section\C2-sht-signing-Long-06.cmt.dgn

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USER NAME = Jeff Sedig	DESIGNED - JMS	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
LONGMEADOW PARKWAY

SCALE: 1"=50' | SHEET 6 OF 6 SHEETS | STA. 2277+50 TO STA. 2291+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	196
		CONTRACT NO. 61G02		
	ILLINOIS	FED. AID PROJECT		

LEGEND

X SIGN REMOVAL

R SIGN RELOCATION

NOTES

1. REFER TO SHEET 191 FOR SIGNING PLAN GENERAL NOTES.

℄ PROP. IL ROUTE 25

600+00

605+00

MATCH LINE STA. 609+50

W2-2R (36x36) S7-1

W16-8p (42x8) S7-2

Cherokee Rd

W16-15p (24x12) S7-3

NEW

W3-3 (36x36) S7-4

W16-8aP (42x15) S7-5

Longmeadow Parkway

S7-A

CHEROKEE MT ROAD

MATCH LINE STA. 609+50

SHARED-USE PATH SIGNAGE

D11-1 (24x18) PATH S7-1 — BIKE ROUTE — Longmeadow Trail

D11-1 (24x18) PATH S7-3 — BIKE ROUTE — Longmeadow Trail

D3-1 (27x6) PATH S7-2

D3-1 (27x6) PATH S7-4

R3-5L (30x36) S7-6

ONLY

S7-N

S7-O

S7-P

S7-Q

℄ PROP. LONGMEADOW PARKWAY

R4-7 (24x30) S7-15

R3-5R (30x36) S7-19

ONLY

S7-M

℄ PROP. IL ROUTE 25

W16-15p (24x12) S7-20

NEW

W3-3 (36x36) S7-21

Longmeadow Parkway

W16-8aP (42x15) S7-22

SILVERSTONE DRIVE

PATH S7 1-2

610+00

CONTRACTOR WILL RETURN RENTED "DO NOT ENTER" SIGNS AND BARRICADES THAT ARE STILL ON IL25 FROM SECTION C3 x5

615+00

620+00

PATH S7 3-4

R6-1 (36x12) S7-7

ONE WAY

R4-7 (24x30) S7-10

M3-2 (24x12) S7-11

EAST

M1-6 (24x24) S7-12

KANE 86 COUNTY

W17-1100 (48x9) S7-13

Longmeadow Pkwy

R3-2 (36x36) S7-8

R4-7 (24x30) S7-14

R3-5L (30x36) S7-18

ONLY

LOCAL COORDINATE SYSTEM

FILE NAME = L:\KANECO\13246-02_LongmeadowPkwy\Draw\CADD Sheets\Section\C2-sht-signing-IL25.cmt.dgn

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	DRAWN - JPZ	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - KDF	REVISED -
PLOT DATE = 3/2/2020	DATE - 01/13/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
ILLINOIS ROUTE 25

SCALE: 1"=50' | SHEET 1 OF 1 SHEETS | STA. 604+25 TO STA. 623+25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	197
		CONTRACT NO. 61G02		
	ILLINOIS FED. AID PROJECT			

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC-sht-signing-panel-details-01_cmt.dgn

CMT

USER NAME = Jeff Seelig	DESIGNED - PML
PLOT SCALE = 2.0000 ' / in.	DRAWN - PML
PLOT DATE = 3/2/2020	CHECKED - KDF
DATE - 01/13/2020	REVISED -

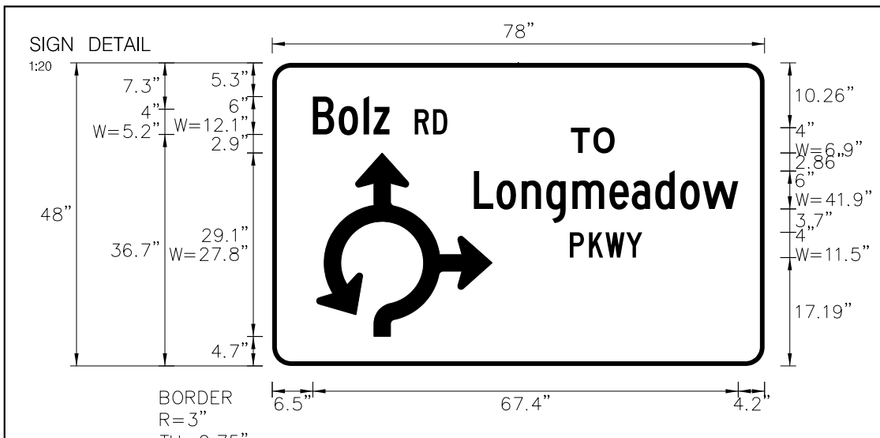
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
SIGN PLAN DETAILS

SCALE: 1:20 | SHEET 1 OF 20 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	198
ILLINOIS FED. AID PROJECT		CONTRACT NO. 61002		

SIGN DETAIL
1:20



SIGN NUMBER	D1-5
WIDTH x HGHT.	6'-6" x 4'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground Mount (Wood)
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
long2	0	7	4.7	27.8	29.1

Panel Style: guide_con_circular.ssi
Dimensions are in inches.tenths

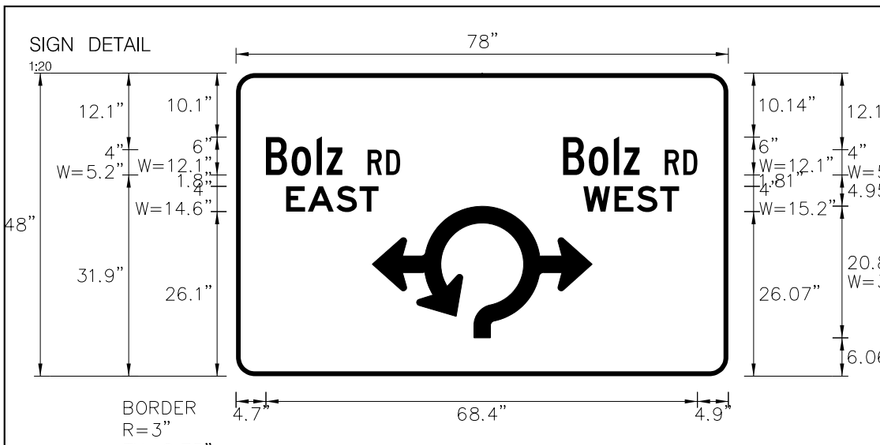
Panel Style: guide_con_circular.ssi
M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																				LENGTH	SERIES-SIZE
B	o	l	z	R	D																C 2000
6.5	10.5	14.5	16.1	22.6	25.5															21.3	6/4.5
T	O																				E 2000
47.3	50.9																			6.9	4
L	o	n	g	m	e	a	d	o	w												C 2000
32	35.6	39.5	43.4	47.6	53.4	57	60.7	64.7	68.2											41.9	6/4.5
P	K	W	Y																		C 2000
47.2	50.2	52.8	56.1																	11.5	4

SIGN DETAIL
1:20



SIGN NUMBER	D1-5
WIDTH x HGHT.	6'-6" x 4'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground Mount (Wood)
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
A4	0	21.6	6.1	20.9	34.9

Panel Style: guide_con_circular.ssi
Dimensions are in inches.tenths

Panel Style: guide_con_circular.ssi
M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner

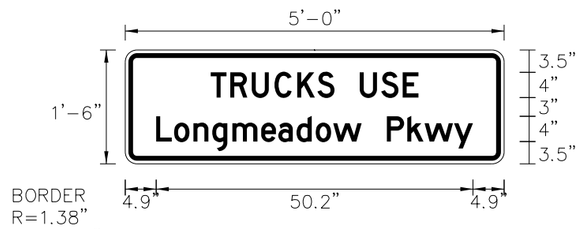
LETTER POSITIONS (X)

																				LENGTH	SERIES-SIZE
B	o	l	z	R	D																C 2000
4.8	8.8	12.8	14.4	20.9	23.8															21.3	6/4.5
B	o	l	z	R	D																C 2000
51.8	55.9	59.9	61.4	68	70.9															21.3	6/4.5
E	A	S	T																		E 2000
8	11.4	15.9	19.6																	14.6	4
W	E	S	T																		E 2000
55	60	63.5	67.2																	15.2	4

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC-sht-signing-panel-details-02.cmt .dgn

SIGN DETAIL

1:20



Panel Style: 1 Guide.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	S3-16
WIDTH x HGHT.	5'-0" x 1'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	1.38"
MOUNTING	Telescoping Steel
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: 1 Guide.ssi
Dimensions are in inches.tenths

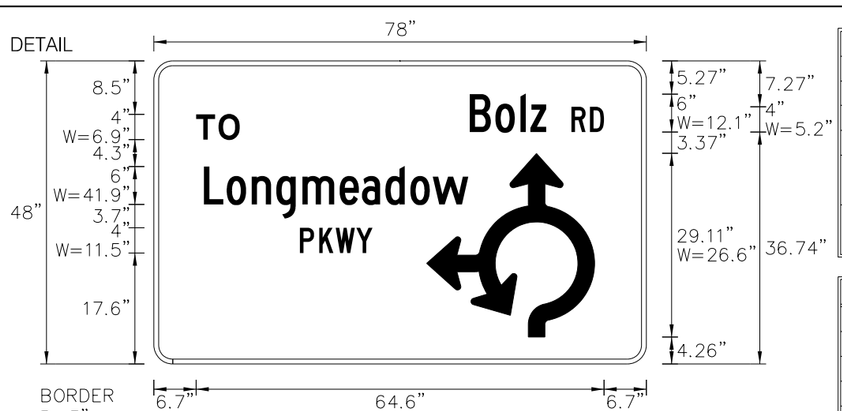
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																				LENGTH	SERIES-SIZE
T	R	U	C	K	S		U	S	E												D 2000
13.6	16.6	20	23.6	27.2	30.4	33.2	37.2	40.6	44											32.9	4
L	o	n	g	m	e	a	d	o	w		P	k	w	y							D 2000
4.9	7.7	10.8	13.8	17	21.5	24.3	27.1	30.2	32.9	37.5	41.5	44.7	47.4	52.1						50.2	4/3

SIGN DETAIL

1:20



Panel Style: guide_con_circular.ssi
M.U.T.C.D.: 2009 Edition

SIGN NUMBER	D1-5
WIDTH x HGHT.	6'-6" x 4'-0"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Ground Mount (Wood)
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
LONG1	0	43.2	4.3	26.6	29.1

Panel Style: guide_con_circular.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																				LENGTH	SERIES-SIZE
B	o	l	z	R	D																C 2000
50	54.1	58.1	59.6	66.2	69.1															21.3	6/4.5
T	O																				E 2000
6.7	10.2																			6.9	4
L	o	n	g	m	e	a	d	o	w												C 2000
7.9	11.5	15.5	19.4	23.5	29.4	33	36.7	40.6	44.2											41.9	6/4.5
P	K	W	Y																		C 2000
23.2	26.2	28.8	32.1																	11.5	4

CMT

Illinois Professional Engineer No. 062-060313

USER NAME = Jeff Seelig
PLOT SCALE = 2.0000 ' / in.
PLOT DATE = 3/2/2020

DESIGNED - PML
DRAWN - PML
CHECKED - KDF
DATE - 01/13/2020

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
SIGN PLAN DETAILS

SCALE: 1:20 | SHEET 2 OF 20 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	199

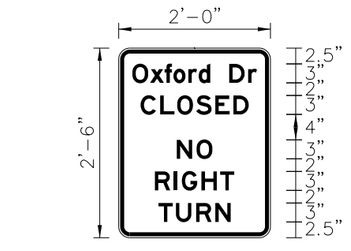
ILLINOIS FED. AID PROJECT

CONTRACT NO. 61002

FILE NAME = L:\KANECO\13296-02_LongmeadowPkwy\Draw\CADD_Sheets\SectionC-sht-signing-panel-details-03.cmt.dgn

SIGN DETAIL

1:20



Panel Style: Fines Double.ssi
Dimensions are in inches.tenths

Panel Style: Fines Double.ssi
M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner

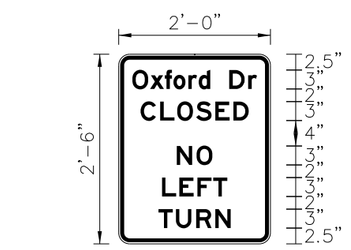
SIGN NUMBER	name
WIDTH x HGHT.	2'-0" x 2'-6"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																				LENGTH	SERIES-SIZE
O	x	f	o	r	d		D	r													E 2000
2.1	5	7.3	8.7	11	12.6	14.5	17.5	20.5												19.7	3/2.3
C	L	O	S	E	D																E 2000
3.5	6.6	9.2	12.3	15.3	18.2															17.1	3
N	O																				E 2000
9.2	12.3																			5.6	3
R	I	G	H	T																	E 2000
5.7	8.8	10	13.1	16.1																12.6	3
T	U	R	N																		E 2000
6.3	9.1	12.3	15.3																	11.4	3

SIGN DETAIL

1:20



Panel Style: Fines Double.ssi
Dimensions are in inches.tenths

Panel Style: Fines Double.ssi
M.U.T.C.D.: 2009 Edition

Letter locations are panel edge to lower left corner

SIGN NUMBER	name
WIDTH x HGHT.	2'-0" x 2'-6"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/Black

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)																				LENGTH	SERIES-SIZE
O	x	f	o	r	d		D	r													E 2000
2.2	5	7.3	8.7	11	12.7	14.5	17.5	20.5												19.7	3/2.3
C	L	O	S	E	D																E 2000
3.5	6.6	9.3	12.3	15.3	18.2															17.1	3
N	O																				E 2000
9.2	12.3																			5.6	3
L	E	F	T																		E 2000
6.9	9.6	12.5	15																	10.4	3
T	U	R	N																		E 2000
6.3	9.1	12.3	15.3																	11.4	3

CMT
Illinois Dept. of Transportation

USER NAME = Jeff Seelig
PLOT SCALE = 2.0000 ' / in.
PLOT DATE = 3/2/2020

DESIGNED - PML
DRAWN - PML
CHECKED - KDF
DATE - 01/13/2020

REVISED - REVISED -
REVISED - REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
SIGN PLAN DETAILS

SCALE: 1:20 | SHEET 3 OF 20 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2298	18-00215-21-BR	KANE	415	200
		CONTRACT NO. 61002		
		ILLINOIS FED. AID PROJECT		