

SECTION 6, TOWNSHIP 36, RANGE 9
 SECTION 7, TOWNSHIP 36, RANGE 9
 SECTION 12, TOWNSHIP 36, RANGE 9

11-06-2020 LETTING ITEM 107

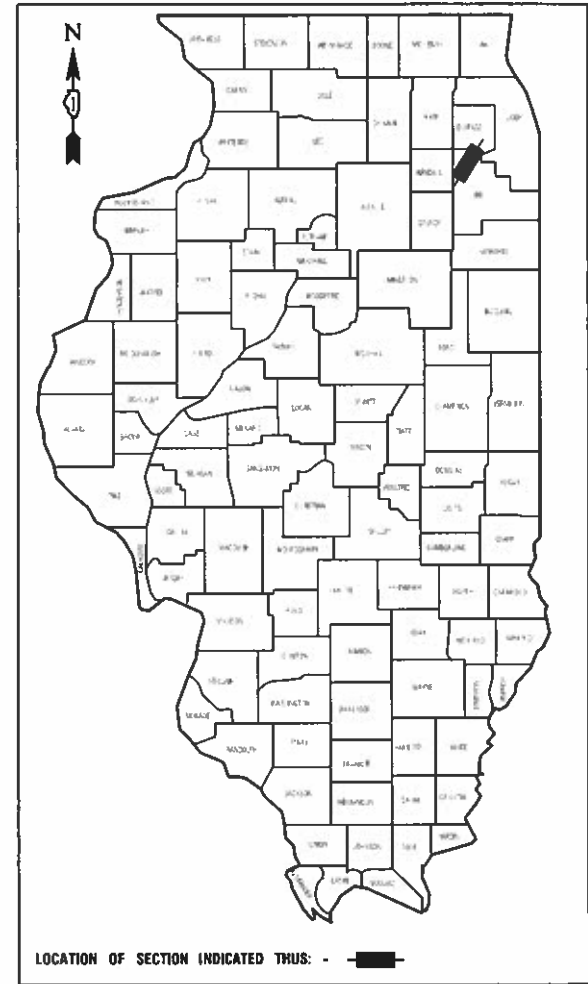
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A. DIST.	SECTION	COUNTY	FORM SHEETS	SHEET NO.
1	15-00063-00-BT	WILL	91	1
STA.		TO STA.		
FED. ROAD DIST. NO. 1	BLADES	FED. AID PROJECT		

CONTRACT #61G28

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

COMED MULTI-USE TRAIL
 SECTION NO.: 15-00063-00-BT
 PROJECT NO.: U56U (805)
 VILLAGE of ROMEOVILLE
 WILL COUNTY
 JOB NO.: C-91-253-17



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

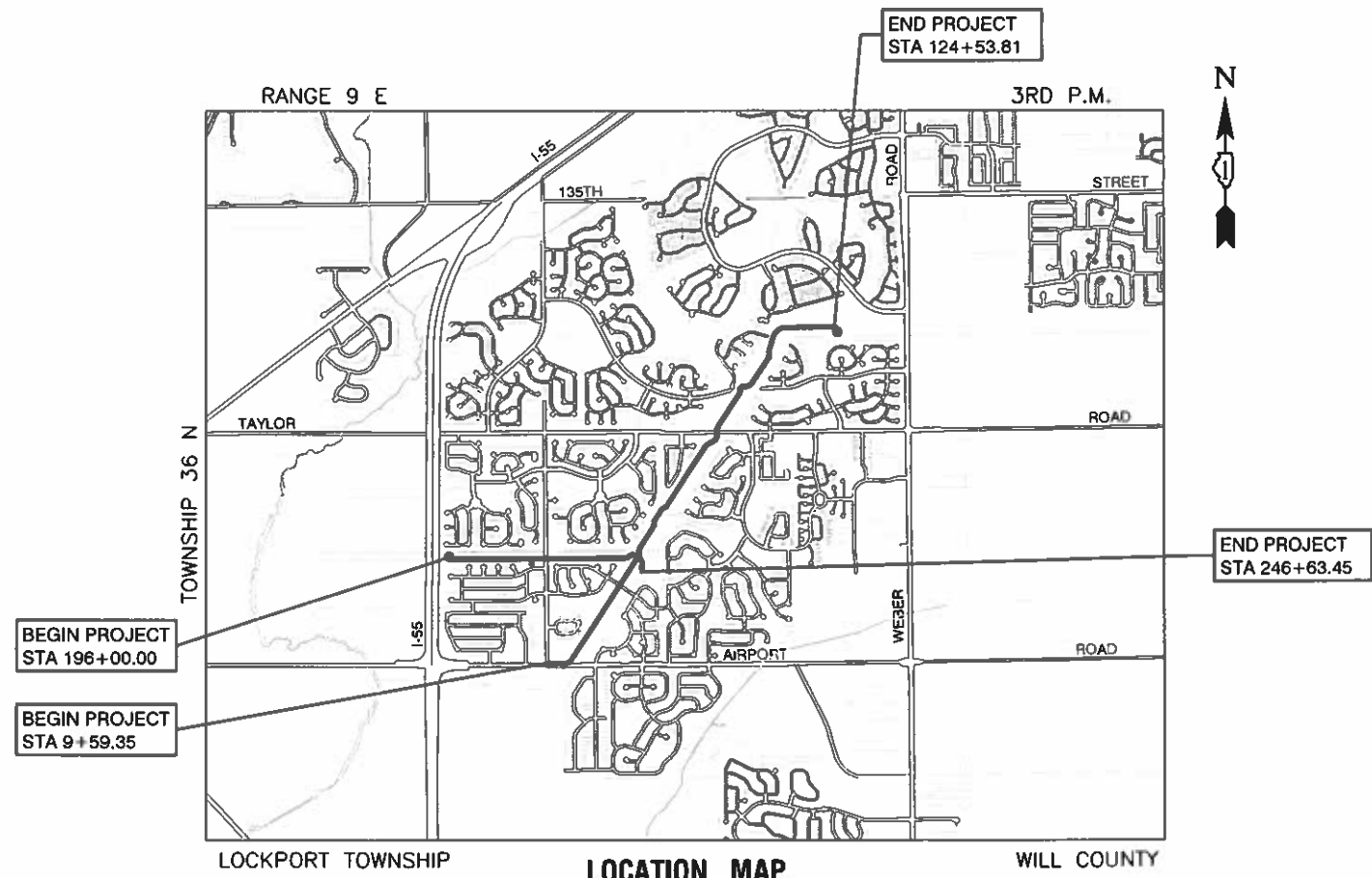
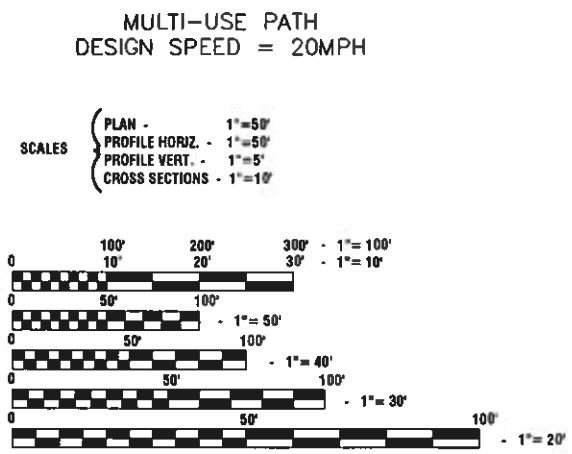
Approved: *John D. Mohr*
 President, Village of Romeoville

Passed: *AUG. 27, 2020*
[Signature]
 District Engineer of Local Roads & Streets

Released for Bid Based on Limited Review: *August 27, 2020*
[Signature]
 Regional Engineer

PRINTED BY THE AUTHORITY OF
 THE STATE OF ILLINOIS

PREPARED BY OR UNDER THE
 DIRECT SUPERVISION OF:
[Signature]



LOCATION MAP
 GROSS LENGTH = 16,520 FEET = 3.13 MILES
 NET LENGTH = 16,520 FEET = 3.13 MILES

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J. U. L. I. E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123 or 811

CONTRACT NO. 61G28

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, SCHAUMBURG, IL
 CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

INDEX OF SHEETS

1. COVER SHEET
2. INDEX OF SHEETS, STATE STANDARDS, & GENERAL NOTES
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- 13.-26. PLAN AND PROFILE SHEETS
27. STORM WATER POLLUTION PREVENTION PLAN
- 28.-38. LANDSCAPING & EROSION CONTROL
- 39.-45. TRAFFIC SIGNAL DESIGN DETAILS
46. TRAFFIC SIGNAL PLAN
47. TRAFFIC SIGNAL CABLE PLAN
48. LIGHTING PLAN
- 49.-50. LIGHTING DETAILS
- 51.-54. CONSTRUCTION DETAILS
- 55.-91. CROSS SECTIONS

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS
424016-05	MID BLOCK CURB RAMPS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
604056-04	FRAME AND GRATE, TYPE 11V
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) TO 24" (600mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTIONS DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

GENERAL NOTES

1. ALL ROADWAY CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO, AND IN ACCORDANCE WITH THE LATEST EDITION OF THE SPECIFICATIONS FOR CONSTRUCTION IN THE VILLAGE OF ROMEOVILLE AND IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
2. ALL STORM SEWER, SANITARY SEWER AND WATER MAIN CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", AND IN ACCORDANCE WITH THE SPECIFICATIONS FOR CONSTRUCTION IN THE VILLAGE OF ROMEOVILLE UNLESS OTHERWISE NOTED ON THE PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 AND THE VILLAGE OF ROMEOVILLE (815-886-1870) FOR UTILITY LOCATIONS.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO VERIFY THAT CONSTRUCTION OPERATIONS DO NOT INTERFERE WITH UTILITY FACILITIES AND RELOCATION WORK. THE SCHEDULE SHOULD REFLECT CONSTRUCTION SEQUENCING, WHICH COORDINATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE ORDER OF WORK FROM TIME TO TIME, TO COORDINATE SAME WITH UTILITY RELOCATION WORK, AND SHALL PREPARE REVISED SCHEDULE (S) IN COMPLIANCE THERewith AS DIRECTED BY THE OWNER. THE OWNER AND THE ENGINEER SHALL BE NOTIFIED IN WRITING BY THE CONTRACTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY OPERATION. ALL OTHER AGENCIES, UNLESS OTHERWISE NOTED, WILL BE NOTIFIED IN WRITING BY THE CONTRACTOR TEN (10) DAYS PRIOR TO THE START OF ANY SUCH OPERATION. THE UTILITY COMPANIES HAVE BEEN CONTACTED IN REFERENCE TO UTILITIES THEY OWN AND OPERATE WITHIN THE LIMITS FOR THIS PROJECT. ALL KNOWN DATA FROM THESE AGENCIES HAS BEEN INCORPORATED INTO THE PLANS. IT IS HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM OR ESTABLISH THE EXISTENCE OF ALL UTILITY FACILITIES AND THEIR EXACT LOCATIONS, WHETHER CONTAINED IN THE DATA SUBMITTED BY THESE AGENCIES OR NOT, AND TO SAFELY SCHEDULE ALL UTILITY RELOCATIONS.
5. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC AS DIRECTED BY THE ENGINEER.
6. CONTRACTOR SHALL TAKE PHOTOS AND VIDEO RECORD WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS.
7. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED.
8. REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS REQUIRED FOR SUCH DISPOSAL. THE REMOVAL SHALL BE ACCOMPLISHED BY MEANS OF A SAW CUT JOINT, AT THE DIRECTION OF THE ENGINEER.
9. THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.
10. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.
11. THE TRENCHES FOR PIPE INSTALLATION SHALL BE KEPT DRY AT ALL TIMES DURING PIPE PLACEMENT. APPROPRIATE FACILITIES TO MAINTAIN THE DRY TRENCH SHALL BE PROVIDED BY THE CONTRACTOR AND THE COST OF SUCH SHALL BE INCLUDED IN THE UNIT PRICE BID AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.
12. TRENCH BACKFILL WILL BE REQUIRED TO THE FULL DEPTH ABOVE STORM SEWERS AND CULVERTS WITHIN TWO (2) FEET OF PROPOSED OR EXISTING PAVEMENT.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
14. THE THICKNESS OF HMA MIXTURE STATED IN THE SPECIFICATIONS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS FROM THE NOMINAL THICKNESS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA SURFACE IS PLACED.
15. THE CONTRACTOR SHALL CONTACT ROBINSON ENGINEERING (708)331-6700 AND THE VILLAGE OF ROMEOVILLE (815) 886-1870 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

EARTHWORK NOTES

1. GENERAL
 - A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE.
 - B. THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE AND SUBGRADE ELEVATIONS (AS NOTED) AND THAT PAVEMENT THICKNESS, TOPSOIL, ETC. MUST BE ACCOUNTED FOR.
 - C. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION, AND PREVENT STORMWATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS. THE FAILURE TO PROVIDE PROPER DRAINAGE WILL NEGATE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION AND TRAFFIC.
 - D. PLANS FOR THE SITE DEWATERING, IF EMPLOYED, SHALL BE SUBMITTED AND APPROVED PRIOR TO IMPLEMENTATION. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR DEWATERING DURING CONSTRUCTION.
 - E. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES". THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES AND THE PLACEMENT OF SILT AND FILTER FENCING, ETC. TO PROTECT ADJACENT PROPERTY, WETLANDS, ETC. SHALL OCCUR BEFORE GRADING BEGINS.
 - F. ALL STORM INLETS SHALL BE PROTECTED BY INLET FILTERS. PLACEMENTS AND MAINTENANCE OF SILT BARRIER SHALL BE AS DIRECTED BY THE ENGINEER, BASED ON ACTUAL GRADING. GRADE THE AREA WITHIN FOUR (4) FEET AROUND STRUCTURES ONE (1) FOOT BELOW RIM TO SERVE AS A SEDIMENTATION BASIN DURING CONSTRUCTION.
 - G. FINAL LOCATION OF SILT FENCE SHALL BE ADJUSTED BASED ON ACTUAL SITE GRADING CONDITIONS. ADDITIONAL MEASURES SHALL BE ADDED AS DIRECTED BY THE ENGINEER.
 - H. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESEEDDED AS SOON AS PRACTICAL.
 - I. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF TEMPORARY STOCKPILES. STOCKPILES SHALL NOT BE ALLOWED WITHIN WETLANDS OR WETLAND BUFFERS.

STORM SEWER NOTES

1. STORM SEWER PIPE: ALL STORM SEWER PIPE SHALL BE RCP.
2. BEDDING: ALL STORM SEWERS SHALL BE INSTALLED ON A TYPE B GRANULAR BEDDING, ¼" TO 1" IN SIZE (CA-7) WITH A MINIMUM THICKNESS EQUAL TO ¼ THE OUTSIDE DIAMETER OF THE SEWER PIPE BUT NOT LESS THAN 4". BLOCKING OF ANY KIND FOR GRADE IS NOT PERMITTED. THE BEDDING MATERIALS SHALL BE COMPACTED TO 90% OF MODIFIED PROCTOR DENSITY. BEDDING SHALL EXTEND TO THE SPRINGLINE OF THE PIPE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL PIPES WHICH HAVE LESS THAN ONE (1') FOOT OF COVER DURING CONSTRUCTION UNTIL THE AREA IS FINAL GRADED OR PAVED.
4. ALL TRENCHES BENEATH PROPOSED OR EXISTING UTILITIES, PAVEMENTS, ROADWAYS, SIDEWALKS, AND FOR A DISTANCE OF TWO (2') FEET ON EITHER SIDE OF SAME, AND/OR WHERE SHOWN ON THE PLANS, SHALL BE BACKFILLED WITH SELECT GRANULAR BACKFILL, CA-7, AND THOROUGHLY MECHANICALLY COMPACTED IN 9" THICK (LOOSE MEASUREMENT) LAYERS. JETTING WITH WATER IS NOT PERMITTED. TRENCH BACKFILL SHALL BE MEASURED ACCORDING TO SECTION 208.03 OF THE STANDARD SPECIFICATIONS.
5. ON ALL IMPROVEMENTS THE FRAMES AND LIDS OF EXISTING CATCH BASINS, INLETS, MANHOLES AND VALVE VAULTS WHICH ARE TO BE ABANDONED DUE TO CONSTRUCTION OF THIS IMPROVEMENT ARE TO REMAIN THE PROPERTY OF THE VILLAGE OF ROMEOVILLE AND BE SALVAGED. THE OWNER SHALL BE NOTIFIED AS TO AVAILABILITY FOR PICK-UP.
6. THE TOP OF ALL STRUCTURES SHALL BE FLUSH WITH THE ADJACENT SURFACE OR AT THE INDICATED ELEVATIONS SHOWN ON THE PLANS.
7. FRAME ELEVATIONS ARE GIVEN ONLY TO ASSIST IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED.
8. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN DRAIN TILE SYSTEMS ARE ENCOUNTERED. ANY FIELD TILES ENCOUNTERED SHALL BE MAINTAINED AND/OR REPLACED IF DAMAGED BY THE CONTRACTOR.

FILE NAME = 15311_02-INDX-01 - IDOT P01	USER NAME =	DESIGNED -- JR	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -- HLG	REVISED --		---	15-00063-00-BT	WILL	91	2			
	PLOT SCALE =	DRAWN -- KWM	REVISED --		CONTRACT NO. 61G28							
	PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --		SCALE:	SHEET NO. 2 OF 91 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ----		

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE (80%,20%)
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MULTI-USE TRAIL 0028
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	38	38
	20101000	TEMPORARY FENCE	FOOT	3370	3370
	20101400	NITROGEN FERTILIZER NUTRIENT	POUND	670	670
	20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	670	670
	20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	670	670
	20200100	EARTH EXCAVATION	CU YD	7,200	7,200
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	100
	20800150	TRENCH BACKFILL	CU YD	20	20
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	17,000	17,000
	25000210	SEEDING, CLASS 2A	ACRE	3.5	3.5
	25100630	EROSION CONTROL BLANKET	SQ YD	17,000	17,000
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	525	525
	28000400	PERIMETER EROSION BARRIER	FOOT	12,500	12,500
	28000500	INLET AND PIPE PROTECTION	EACH	8	8
	28100105	STONE RIPRAP, CLASS A3	SQ YD	355	355
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,950	1,950
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	18,800	18,800
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	41,715	41,715
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,172	4,172
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2,370	2,370
	40604060	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	TON	1,580	1,580
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	2,410	2,410
	42400800	DETECTABLE WARNINGS	SQ FT	280	280
	44000100	PAVEMENT REMOVAL	SQ YD	81	81

* - INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE (80%,20%)
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MULTI-USE TRAIL 0028
	44000600	SIDEWALK REMOVAL	SQ FT	3,793	3,793
	54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1
	54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	6	6
	54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	2	2
	542A0217	PIPE CULVERTS, CLASS A, TYPE 1 12"	FOOT	10	10
	542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	85	85
	542A5470	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FOOT	30	30
	542A5473	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	30	30
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	300	300
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	50	50
	67100100	MOBILIZATION	LSUM	1	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1
*	72000100	SIGN PANEL - TYPE 1	SQ FT	150	150
*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	12	12
*	72900100	METAL POST - TYPE A	FOOT	560	560
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	400	400
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	950	950
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	15	15
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	10	10
*	81603047	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	190	190
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	10	10

* - INDICATES SPECIALTY ITEMS

FILE NAME = 15311_02-QUAN-01 - P01

USER NAME =

DESIGNED -- JR

REVISED --

CHECKED -- HLG

REVISED --

PLOT SCALE =

DRAWN -- RG

REVISED --

PLOT DATE = 03-10-20

CHECKED -- AG

REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW
COMED MULTI-USE TRAIL
SUMMARY OF QUANTITIES

SCALE: SHEET NO. 3 OF 91 SHEETS STA. TO STA.

F.A. RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

15-00063-00-BT

WILL

91 3

CONTRACT NO. 61G28

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE (80%,20%)
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MULTI-USE TRAIL 0028
*	83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	1	1
*	84200804	REMOVAL OF POLE FOUNDATION	EACH	1	1
*	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1	1
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	250	250
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	250	250
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	240	240
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	215	215
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4	4
*	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	1	1
*	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1	1
*	89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1	1
*	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1	1
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1,000	1,000
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1
	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	1	1
	X0323389	STORM SEWER CONNECTION	EACH	1	1
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	10	10
	X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	350	350
*	X8100863	INTERCEPT EXISTING CONDUIT	EACH	1	1
Δ	XX003668	PRECONSTRUCTION VIDEO TAPING	LSUM	1	1
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	1	1
*	Z0033024	MAINTAIN EXISTING LIGHTING SYSTEM	LSUM	1	1

Δ - 100% LOCALLY FUNDED

* - INDICATES SPECIALTY ITEMS

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE (80%,20%)
S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	MULTI-USE TRAIL 0028

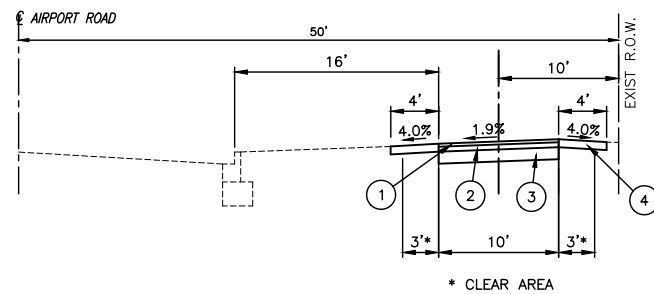
* - INDICATES SPECIALTY ITEMS

FILE NAME = 15311_02-QUAN-01 - P02

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- HLG	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

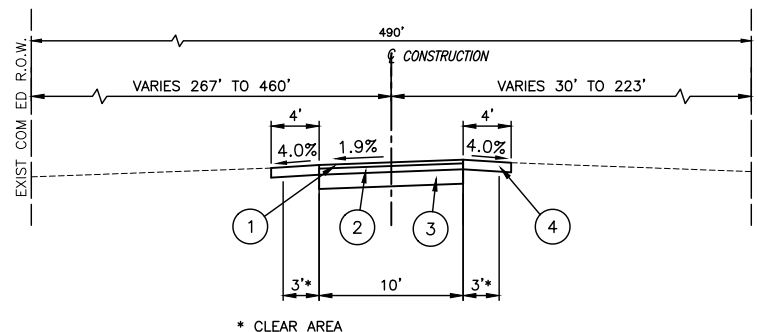
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW COMED MULTI-USE TRAIL SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				---	15-00683-00-BT	WILL	91	4
				CONTRACT NO. 61G28				
SCALE:	SHEET NO. 4	OF 91 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ---			



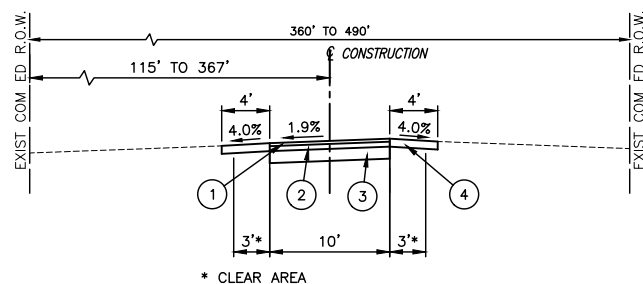
PROPOSED TYPICAL SECTION

COM ED BIKE TRAIL MAINLINE
STA. 10+00 TO STA. 14+00
(FACING WEST)



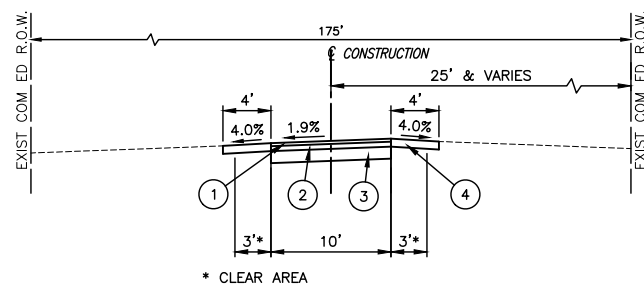
PROPOSED TYPICAL SECTION

COM ED BIKE TRAIL MAINLINE
STA. 107+00 TO STA. 124+53.81
(FACING EAST)
PATH SLOPES TOWARDS SOUTH FROM STA. 115+00 TO STA. 121+00
(SEE CROSS SECTIONS)



PROPOSED TYPICAL SECTION

COM ED BIKE TRAIL MAINLINE
STA. 14+00 TO STA. 107+00
(FACING NORTHEAST)
PATH SLOPES TOWARDS SOUTHEAST FROM STA. 40+00 TO STA. 45+00
FROM STA. 63+00 TO STA. 66+00 AND FROM STA. 98+00 TO STA. 103+00
(SEE CROSS SECTIONS)



PROPOSED TYPICAL SECTION

COM ED BIKE TRAIL (EAST-WEST SPUR)
STA. 195+62.62 TO STA. 243+31.70 AND STA. 342+75.84 TO STA. 346+68.47
(FACING EAST)
PATH SLOPES TOWARDS SOUTH FROM STA. 201+00 TO STA. 211+00
AND FROM STA. 234+00 TO STA. 243+31.70 AND STA. 342+75.84 TO STA. 346+68.47
(SEE CROSS SECTIONS)

LEGEND

- ① HMA SURFACE COURSE, MIX "D", IL-19.5 N50 - 1-1/2"
- ② HMA BINDER COURSE, IL-19.0, N50 - 2-1/4"
- ③ AGGREGATE BASE COURSE, TYPE B - 4"
- ④ SEEDING CLASS 2A TOPSOIL FURNISH AND PLACE, 4" EROSION CONTROL BLANKET

EARTHWORK QUANTITIES

TOTAL CUT = 7,200 CY
TOTAL FILL = 1,950 CY
TOTAL (EXCESS) HAUL OFF = 7,200 CY

NOTE: IN FILL AREAS, A MINIMUM OF 8" OF MATERIAL SHALL BE REMOVED UNDER THE ENTIRE WIDTH OF THE PATH PAVEMENT AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT. ALL FILL SHALL BE PAID FOR AS AGGREGATE SUBGRADE IMPROVEMENT.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm), 1.5"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2.25"	4% @ 50 Gyr.

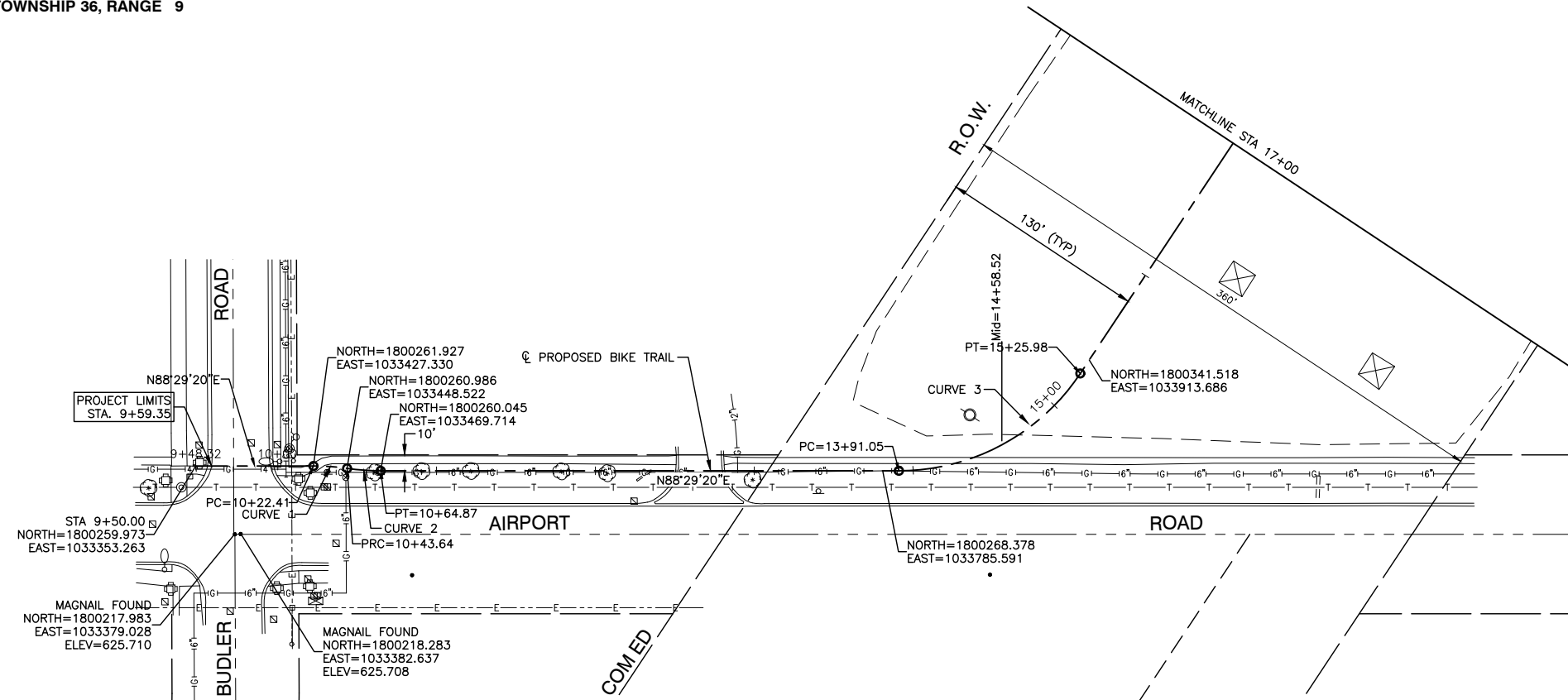
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR NON-POLYMERIZED HMA SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

FILE NAME = 15311_02-TYPX-01 - P01	USER NAME =	DESIGNED -- JR	REVISED --
		CHECKED -- HLG	REVISED --
	PLOT SCALE =	DRAWN -- RG	REVISED --
	PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

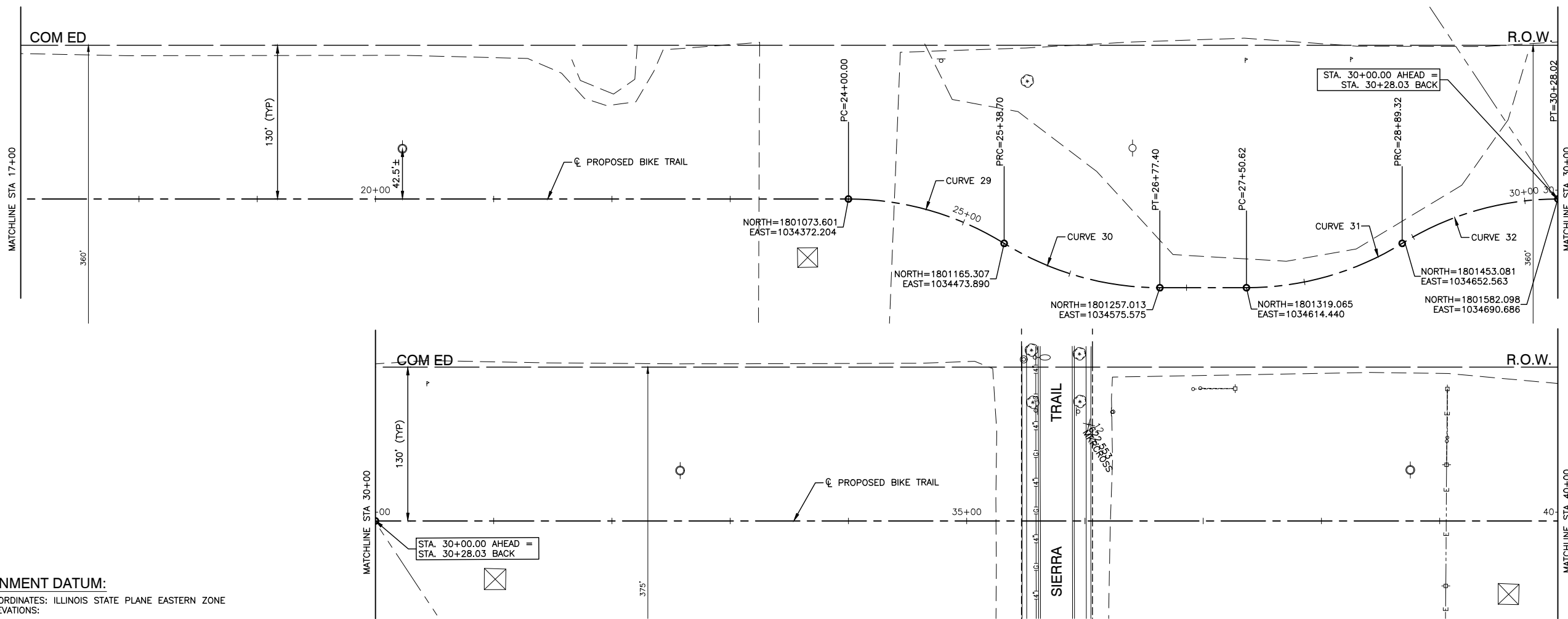
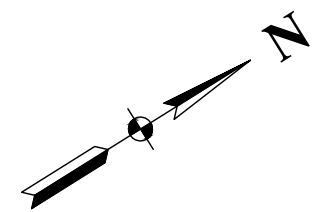
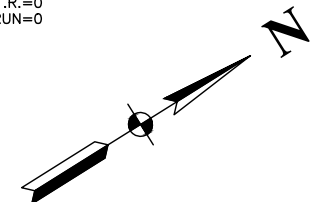
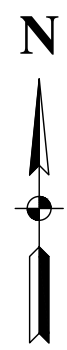
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW COMED MULTI-USE TRAIL TYPICAL SECTIONS			
SCALE: NONE	SHEET NO. 5	OF 91 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----			CONTRACT NO. 61G28	



<p>CURVE 1 PI STA=10+33.05 Δ=8.1096 D=38°56'33" R=150.00 T=10.633 L=21.231 E=0.376 e=NC T.R.=0 S.E.RUN=0</p>	<p>CURVE 29 PI STA=24+71.18 Δ=31.7883 D=23°04'26" R=250.00 T=71.187 L=138.703 E=9.938 e=NC T.R.=0 S.E.RUN=0</p>	<p>CURVE 32 PI STA=29+60.51 Δ=31.7883 D=23°04'26" R=250.00 T=71.187 L=138.703 E=9.938 e=NC T.R.=0 S.E.RUN=0</p>
<p>CURVE 2 PI STA=10+54.28 Δ=8.1096 D=38°56'33" R=150.00 T=10.633 L=21.231 E=0.376 e=NC T.R.=0 S.E.RUN=0</p>	<p>CURVE 30 PI STA=26+09.88 Δ=31.7883 D=23°04'26" R=250.00 T=71.187 L=138.703 E=9.938 e=NC T.R.=0 S.E.RUN=0</p>	
<p>CURVE 3 PI STA=14+64.56 Δ=56.4290 D=42°48'38" R=137.00 T=73.503 L=134.927 E=18.473 e=NC T.R.=0 S.E.RUN=0</p>	<p>CURVE 31 PI STA=28+21.80 Δ=31.7883 D=23°04'26" R=250.00 T=71.187 L=138.703 E=9.938 e=NC T.R.=0 S.E.RUN=0</p>	



ALIGNMENT DATUM:
 1. COORDINATES: ILLINOIS STATE PLANE EASTERN ZONE
 2. ELEVATIONS:

FILE NAME = 15311_02-TIES-01 - P01

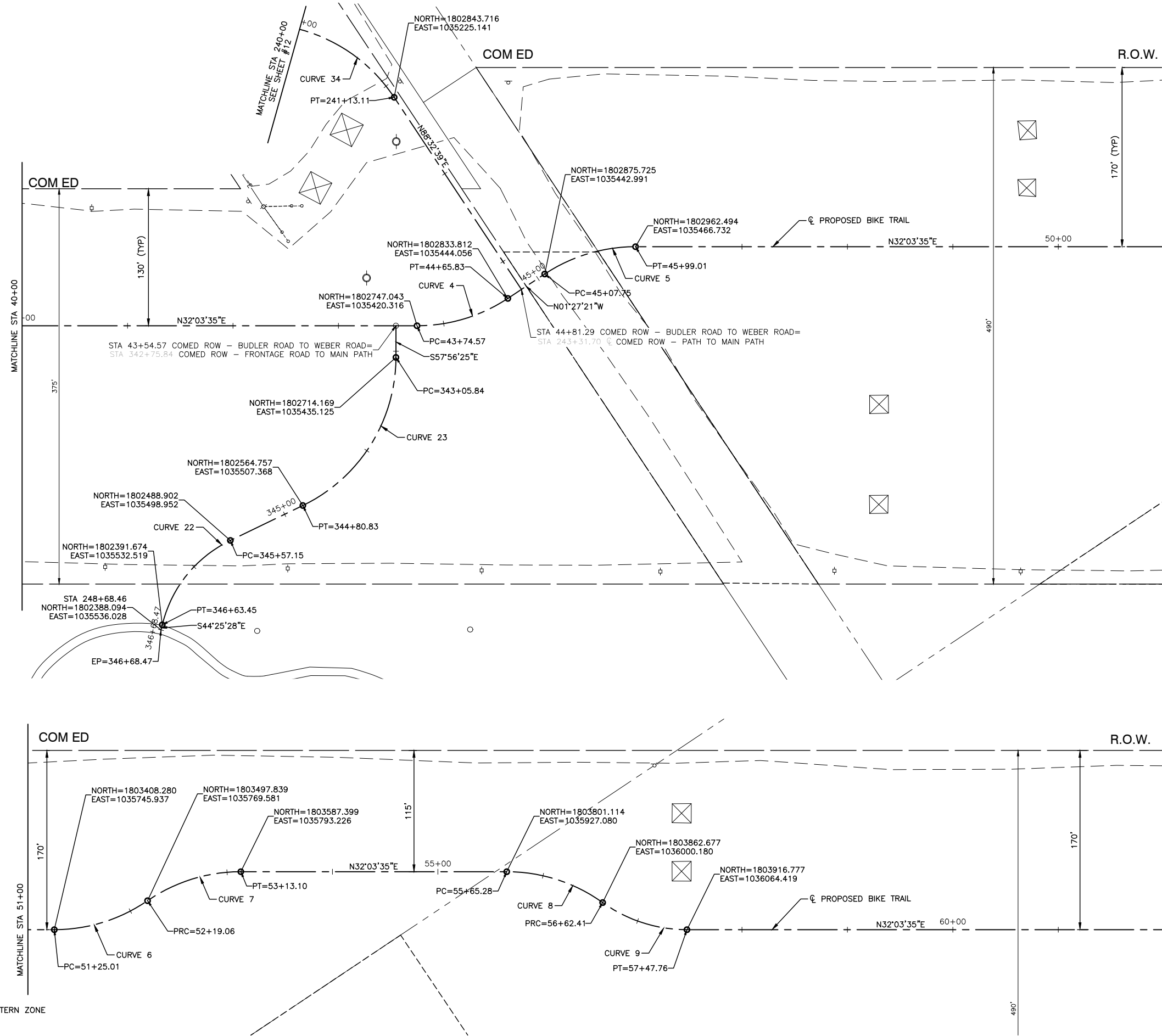
USER NAME =	DESIGNED — JR	REVISED —
PLOT SCALE =	CHECKED — HLG	REVISED —
PLOT DATE = 03-10-20	DRAWN — RG	REVISED —
	CHECKED — AG	REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 ALIGNMENT AND TIES

SCALE: NONE SHEET NO. 6 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	6
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



<p>CURVE 4 PI STA=44+21.55 Δ=33.5157 D=37°23'16" R=156.00 T=46.974 L=91.254 E=6.919 e=NC T.R.=0 S.E.RUN=0</p>	<p>CURVE 22 PI STA=346+14.08 Δ=50.7552 D=49°14'55" R=120.00 T=56.923 L=106.301 E=12.816 e=NC T.R.=0 S.E.RUN=0</p>
<p>CURVE 5 PI STA=45+54.73 Δ=33.5157 D=37°23'16" R=156.00 T=46.974 L=91.254 E=6.919 e=NC T.R.=0 S.E.RUN=0</p>	<p>CURVE 23 PI STA=344+03.83 Δ=64.2711 D=37°23'16" R=156.00 T=97.994 L=174.992 E=28.225 e=NC T.R.=0 S.E.RUN=0</p>
<p>CURVE 6 PI STA=51+73.51 Δ=34.5413 D=37°23'16" R=156.00 T=48.501 L=94.046 E=7.366 e=NC T.R.=0 S.E.RUN=0</p>	<p>CURVE 34 PI STA=240+41.83 Δ=57.8134 D=37°22'59" R=156.02 T=86.151 L=157.429 E=22.205 e=NC T.R.=0 S.E.RUN=0</p>
<p>CURVE 7 PI STA=52+67.56 Δ=34.5413 D=37°23'16" R=156.00 T=48.501 L=94.046 E=7.366 e=NC T.R.=0 S.E.RUN=0</p>	
<p>CURVE 8 PI STA=56+15.47 Δ=35.6745 D=37°23'16" R=156.00 T=50.198 L=97.131 E=7.877 e=NC T.R.=0 S.E.RUN=0</p>	
<p>CURVE 9 PI STA=57+06.52 Δ=35.6745 D=42°46'54" R=137.09 T=44.113 L=85.357 E=6.923 e=NC T.R.=0 S.E.RUN=0</p>	

ALIGNMENT DATUM:

- COORDINATES: ILLINOIS STATE PLANE EASTERN ZONE
- ELEVATIONS:

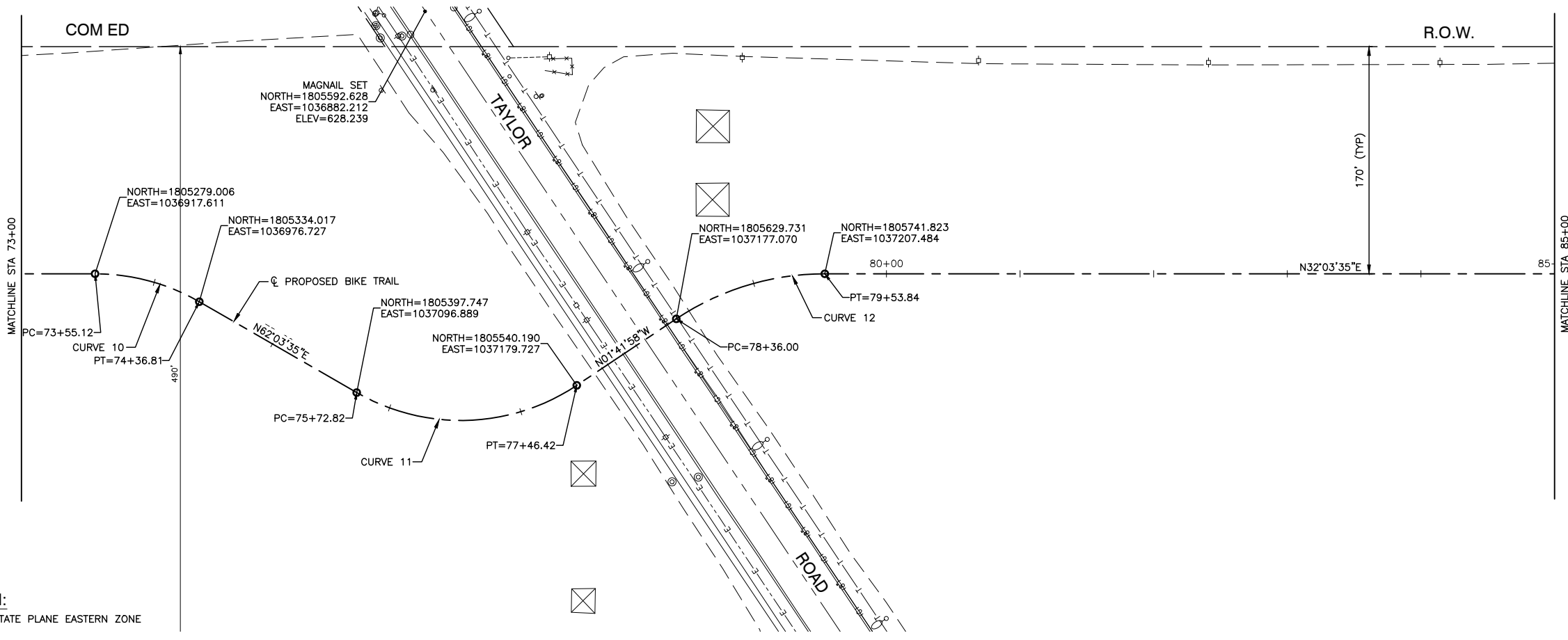
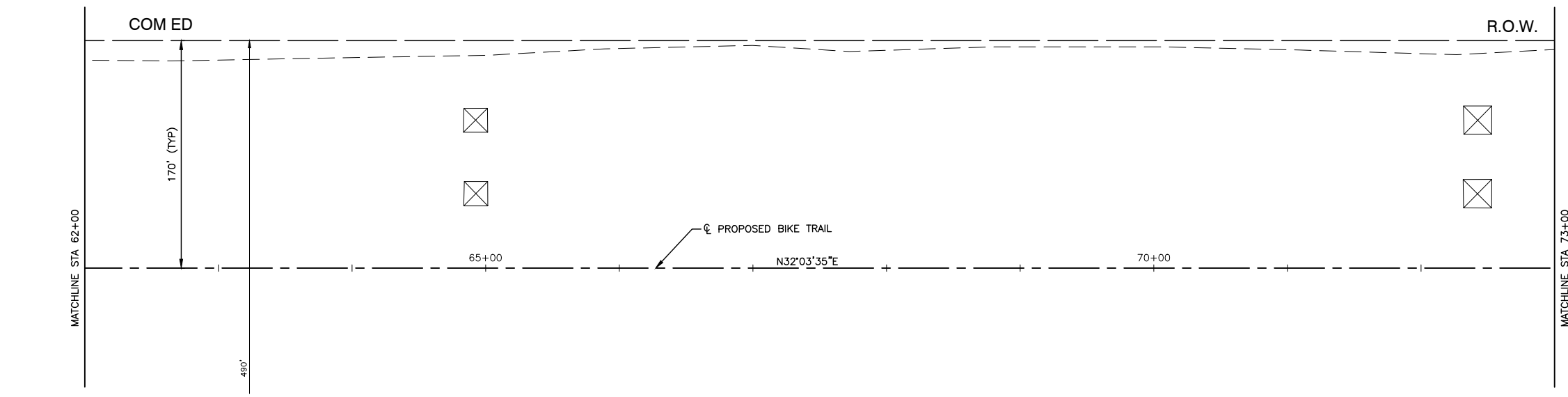
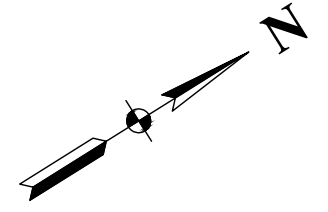
FILE NAME = 15311_02-TIES-01 - P02

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- HLG	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW COMED MULTI-USE TRAIL ALIGNMENT AND TIES			
SCALE: NONE	SHEET NO. 7	OF 91 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	7
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	---	



CURVE 10
 PI STA=73+96.92
 Δ=30.0000
 D=37°23'16"
 R=156.00
 T=41.800
 L=81.681
 E=5.503
 e=NC
 T.R.=0
 S.E.RUN=0

CURVE 11
 PI STA=76+69.85
 Δ=63.7591
 D=37°23'16"
 R=156.00
 T=97.024
 L=173.598
 E=27.711
 e=NC
 T.R.=0
 S.E.RUN=0

CURVE 12
 PI STA=78+96.69
 Δ=33.7591
 D=28°57'18"
 R=200.00
 T=60.687
 L=117.841
 E=9.004
 e=NC
 T.R.=0
 S.E.RUN=0

- ALIGNMENT DATUM:**
- COORDINATES: ILLINOIS STATE PLANE EASTERN ZONE
 - ELEVATIONS:

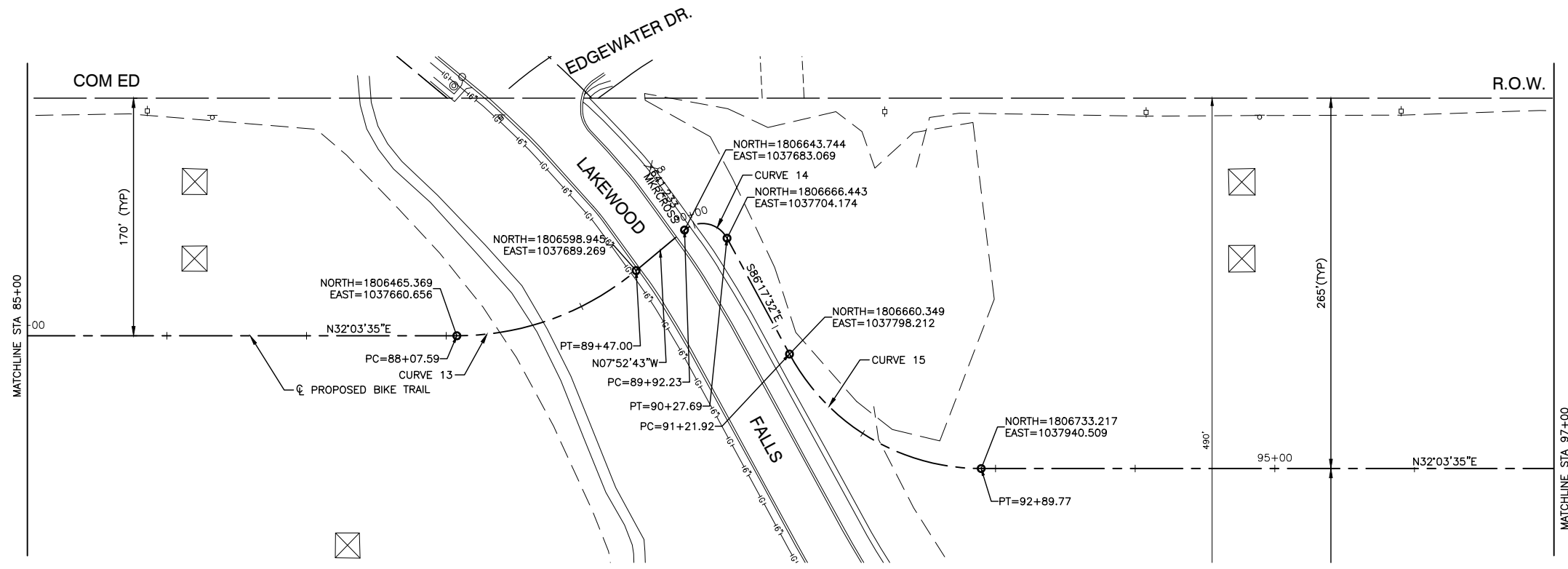
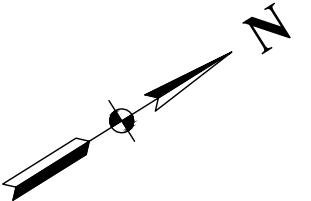
FILE NAME = 15311_02-TIES-01 - P03

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- HLG	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW COMED MULTI-USE TRAIL ALIGNMENT AND TIES			
SCALE: NONE	SHEET NO. 8	OF 91 SHEETS	STA. TO STA.

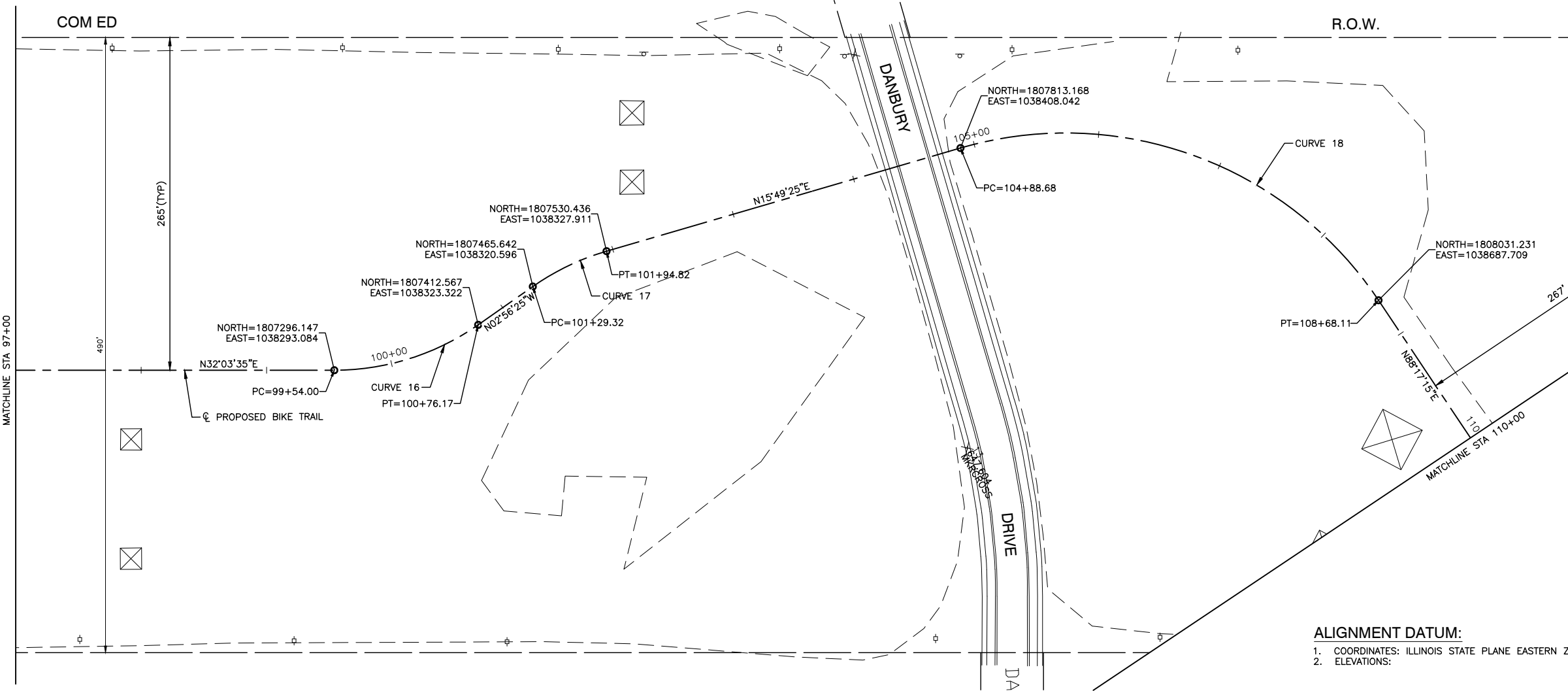
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	8
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



CURVE 13
 PI STA=88+80.26
 Δ=39.9385
 D=28°57'18"
 R=200.00
 T=72.672
 L=139.412
 E=12.794
 e=NC
 T.R.=0
 S.E.RUN=0

CURVE 14
 PI STA=90+16.74
 Δ=101.5865
 D=0°00'00"
 R=20.00
 T=24.517
 L=35.460
 E=11.640
 e=NC
 T.R.=0
 S.E.RUN=0

CURVE 15
 PI STA=92+15.01
 Δ=61.6481
 D=37°23'16"
 R=156.00
 T=93.083
 L=167.850
 E=25.660
 e=NC
 T.R.=0
 S.E.RUN=0



CURVE 16
 PI STA=100+17.06
 Δ=35.0000
 D=28°57'18"
 R=200.00
 T=63.060
 L=122.173
 E=9.706
 e=NC
 T.R.=0
 S.E.RUN=0

CURVE 17
 PI STA=101+62.36
 Δ=18.7638
 D=28°57'18"
 R=200.00
 T=33.045
 L=65.498
 E=2.712
 e=NC
 T.R.=0
 S.E.RUN=0

CURVE 18
 PI STA=107+08.51
 Δ=72.4639
 D=19°11'17"
 R=300.00
 T=219.824
 L=379.420
 E=71.917
 e=NC
 T.R.=0
 S.E.RUN=0

ALIGNMENT DATUM:
 1. COORDINATES: ILLINOIS STATE PLANE EASTERN ZONE
 2. ELEVATIONS:

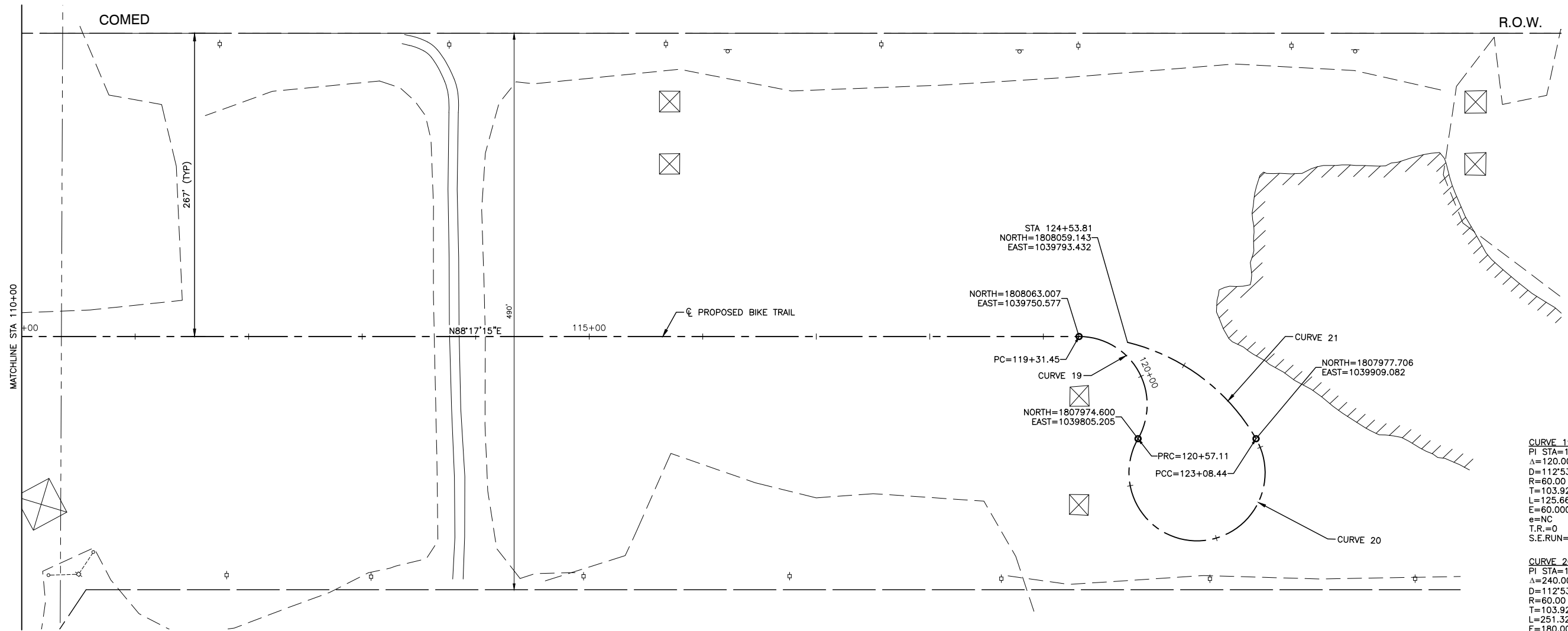
FILE NAME = 15311_02-TIES-01 - P04

USER NAME =	DESIGNED -- JR	REVISED --
CHECKED -- HLG	REVISED --	
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW COMED MULTI-USE TRAIL ALIGNMENT AND TIES	
SCALE: NONE	SHEET NO. 9 OF 91 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	9
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	----	



CURVE 19
 PI STA=120+35.37
 Δ=120.0000
 D=112°53'07"
 R=60.00
 T=103.923
 L=125.664
 E=60.000
 e=NC
 T.R.=0
 S.E.RUN=0

CURVE 20
 PI STA=119+53.19
 Δ=240.0000
 D=112°53'07"
 R=60.00
 T=103.923
 L=251.327
 E=180.000
 e=NC
 T.R.=0
 S.E.RUN=0

CURVE 21
 PI STA=123+85.35
 Δ=46.2709
 D=32°15'19"
 R=180.00
 T=76.908
 L=145.364
 E=15.742
 e=NC
 T.R.=0
 S.E.RUN=0

ALIGNMENT DATUM:

1. COORDINATES: ILLINOIS STATE PLANE EASTERN ZONE
2. ELEVATIONS:

FILE NAME = 15311_02-TIES-01 - P05
USER NAME =
PLOT SCALE =
PLOT DATE = 03-10-20

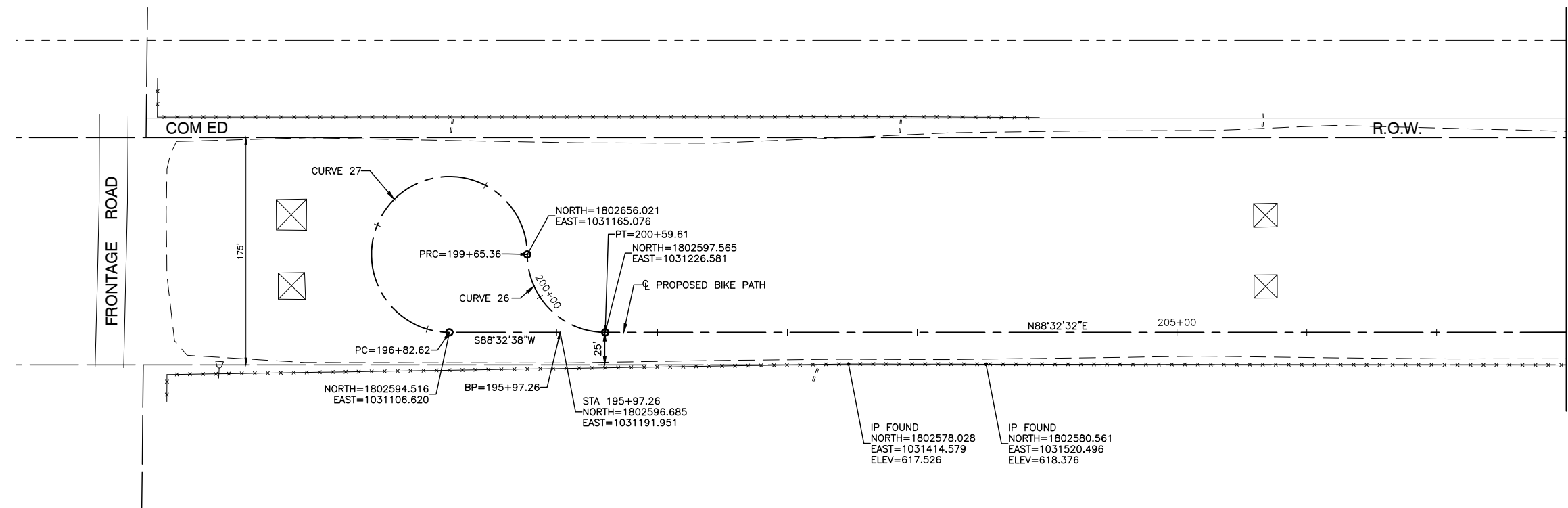
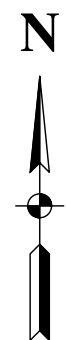
DESIGNED -- JR	REVISED --
CHECKED -- HLG	REVISED --
DRAWN -- RG	REVISED --
CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COMED ROW
 COMED MULTI-USE TRAIL
 ALIGNMENT AND TIES**

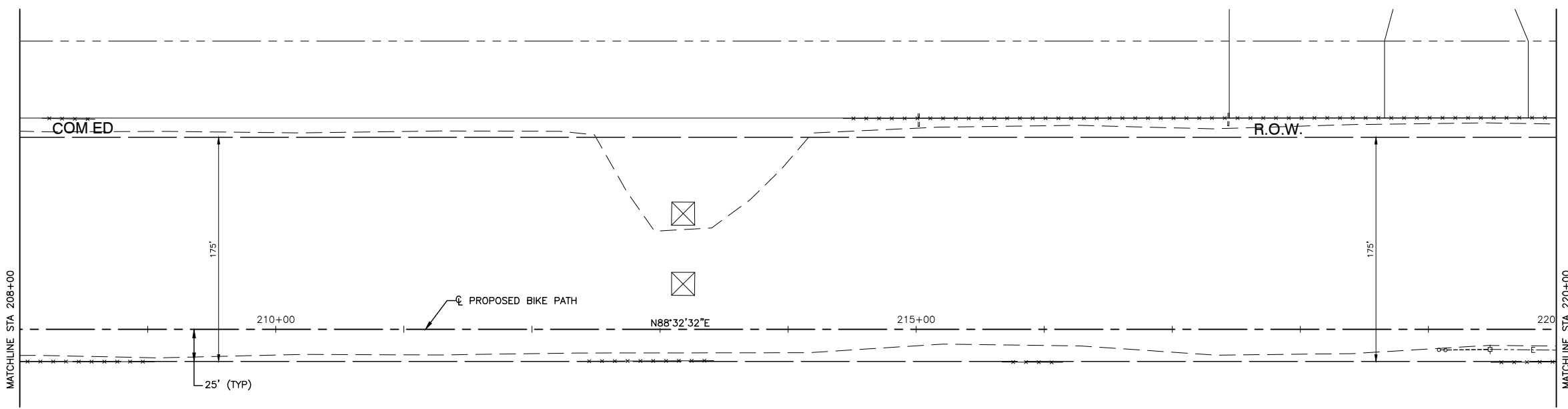
SCALE: NONE SHEET NO. 10 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	10
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	----	



CURVE 26
 PI STA=200+25.36
 $\Delta=90.0000$
 $D=112'53'07''$
 $R=60.00$
 $T=60.000$
 $L=94.248$
 $E=24.853$
 $e=NC$
 $T.R.=0$
 $S.E.RUN=0$

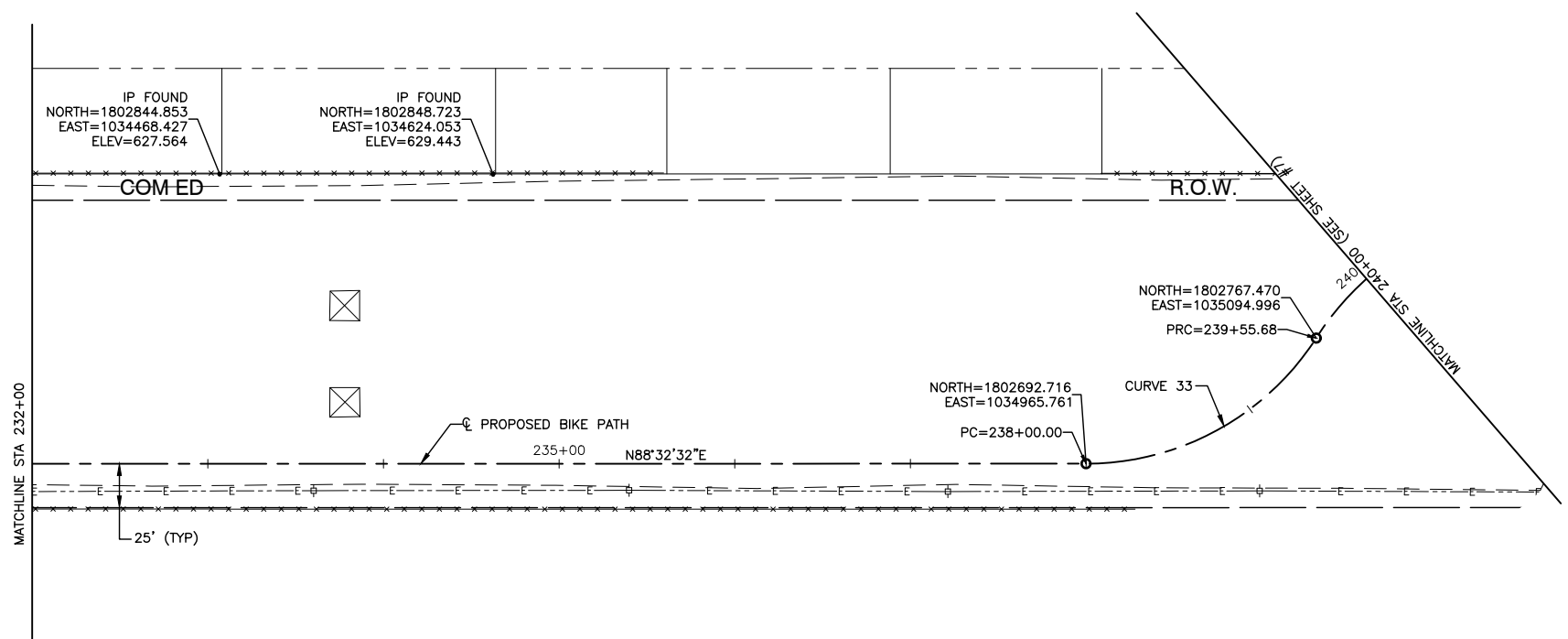
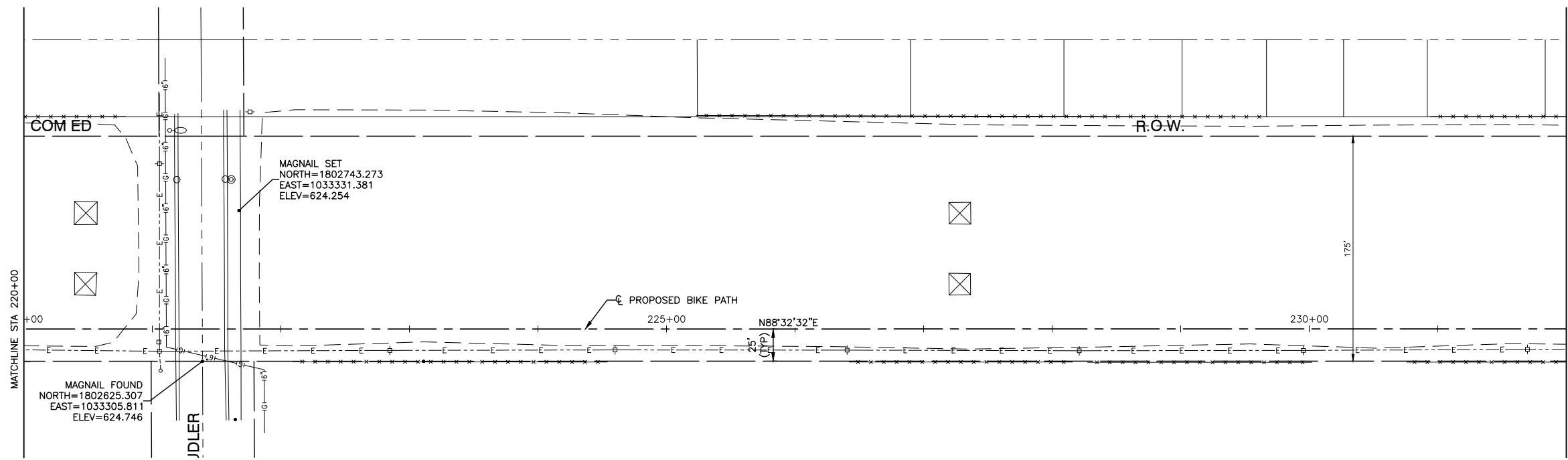
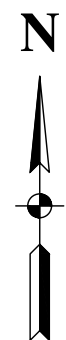
CURVE 27
 PI STA=196+22.62
 $\Delta=270.0000$
 $D=112'53'07''$
 $R=60.00$
 $T=60.000$
 $L=282.743$
 $E=144.853$
 $e=NC$
 $T.R.=0$
 $S.E.RUN=0$



ALIGNMENT DATUM:

1. COORDINATES: ILLINOIS STATE PLANE EASTERN ZONE
2. ELEVATIONS:

FILE NAME = 15311_02-TIES-01 - P06	USER NAME =	DESIGNED -- JR	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL ALIGNMENT AND TIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -- HLG	REVISED --		---	15-00063-00-BT	WILL	91	11			
PLOT DATE = 03-10-20	DRAWN -- RG	REVISED --	SCALE: NONE		SHEET NO. 11 OF 91 SHEETS	STA.	TO STA.	CONTRACT NO. 61G28				
	CHECKED -- AG	REVISED --	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----									



CURVE 33
 PI STA=238+85.01
 $\Delta=57.1776$
 $D=37^{\circ}23'17''$
 $R=156.00$
 $T=85.014$
 $L=155.678$
 $E=21.661$
 $e=NC$
 $T.R.=0$
 $S.E.RUN=0$

ALIGNMENT DATUM:

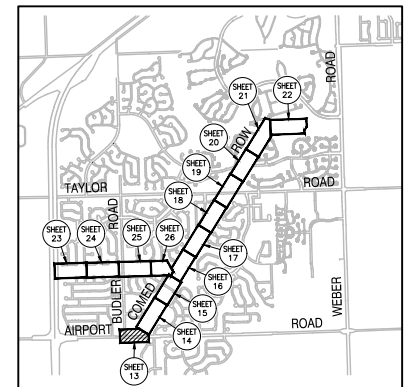
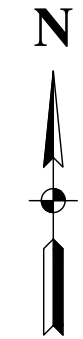
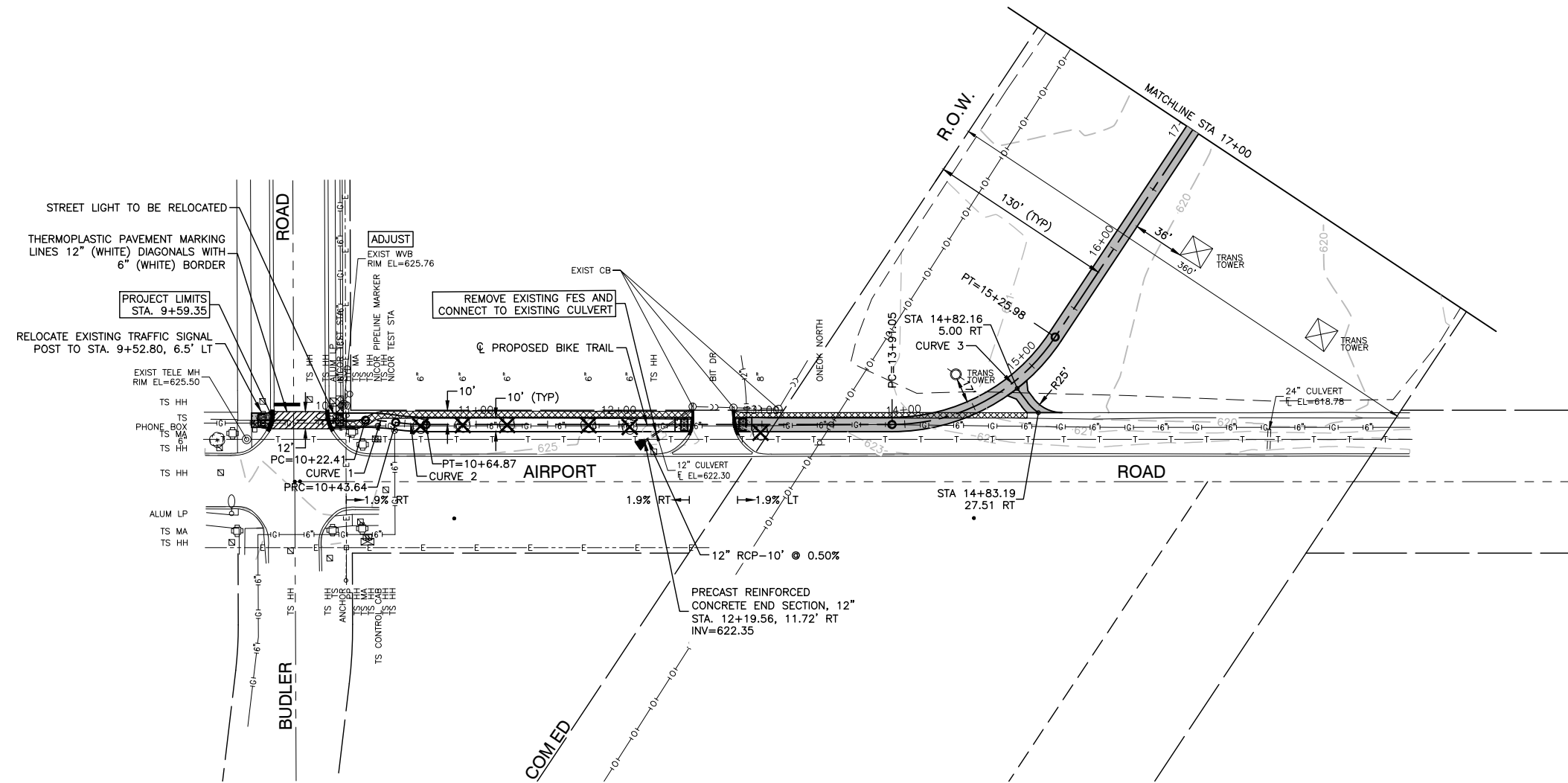
1. COORDINATES: ILLINOIS STATE PLANE EASTERN ZONE
2. ELEVATIONS:

FILE NAME = 15311_02-TIES-01 - P07	USER NAME =	DESIGNED -- JR	REVISED --
		CHECKED -- HLG	REVISED --
	PLOT SCALE =	DRAWN -- RG	REVISED --
	PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMED ROW COMED MULTI-USE TRAIL ALIGNMENT AND TIES	
SCALE: NONE	SHEET NO. 12 OF 91 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	12
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



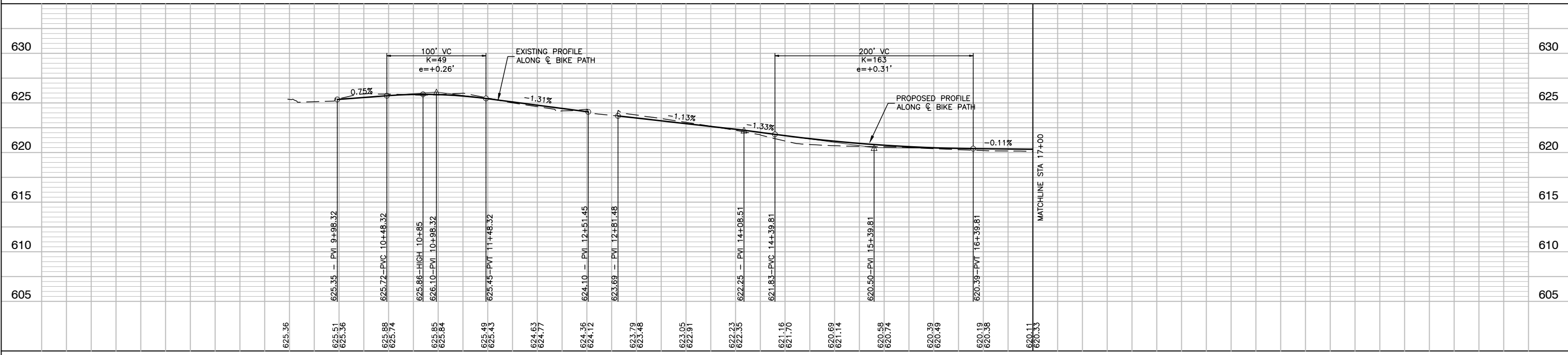
LOCATION MAP
N.T.S.

NOTE:

THE CONTRACTOR SHALL ATTEMPT TO RE-USE THE EXISTING CONDUIT AND ELECTRIC CABLE FOR THE RELOCATION OF THE TRAFFIC SIGNAL POST. THIS WORK SHALL BE PAID AS INTERCEPT EXISTING CONDUIT AND THE CONTRACTOR SHALL TAKE CARE WITH THE EXISTING CONDUIT/CABLE TO NOT DAMAGE IT. IF THE EXISTING CONDUIT/CABLE CANNOT BE REUSED, THE CONTRACTOR SHALL INSTALL NEW CONDUIT AND ELECTRIC CABLE AND SHALL BE PAID AS NECESSARY PER THOSE VARIOUS PAY ITEMS.

LEGEND

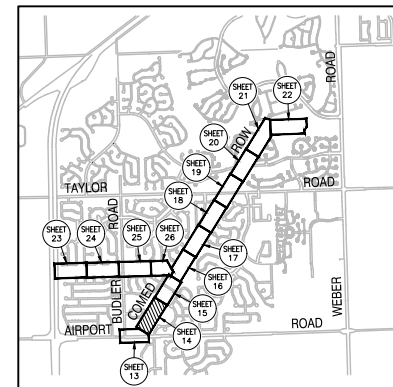
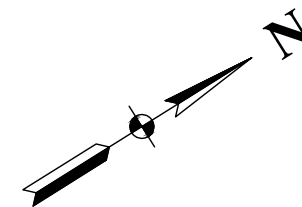
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- \rightarrow XXX XX CROSS SLOPE OF PATH LOOKING UPSTATION



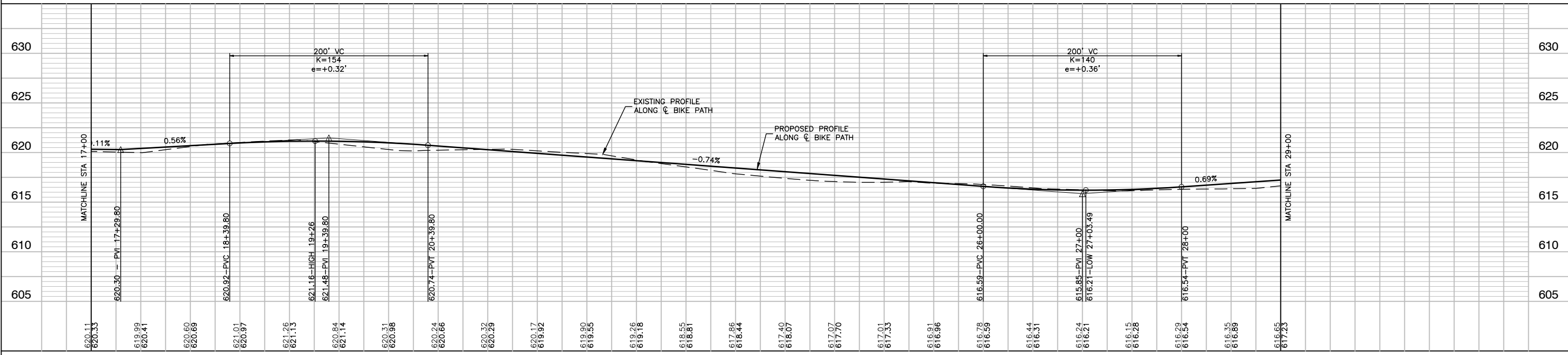
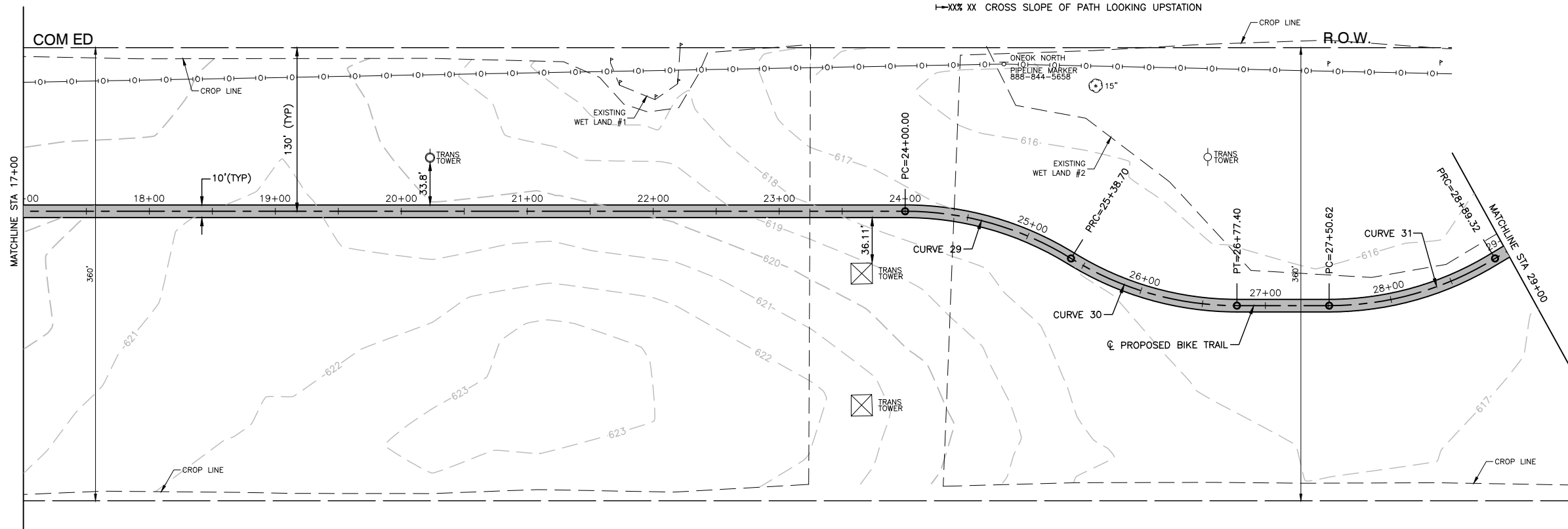
FILE NAME = 15311_02-PLPR-01 - PLPR01	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED - HLG	REVISED -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 13	OF 91 SHEETS	STA.	TO STA.	WILL	91	13
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -		CONTRACT NO. 61G28		FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT ----		
		CHECKED - AG	REVISED -									

LEGEND

- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- \rightarrow XX% XX CROSS SLOPE OF PATH LOOKING UPSTATION

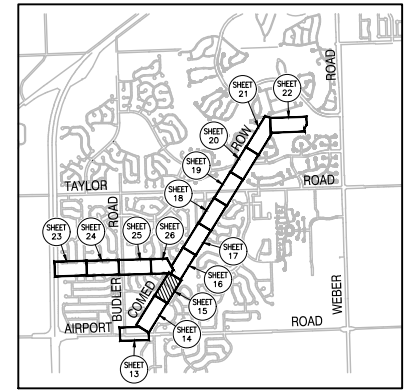
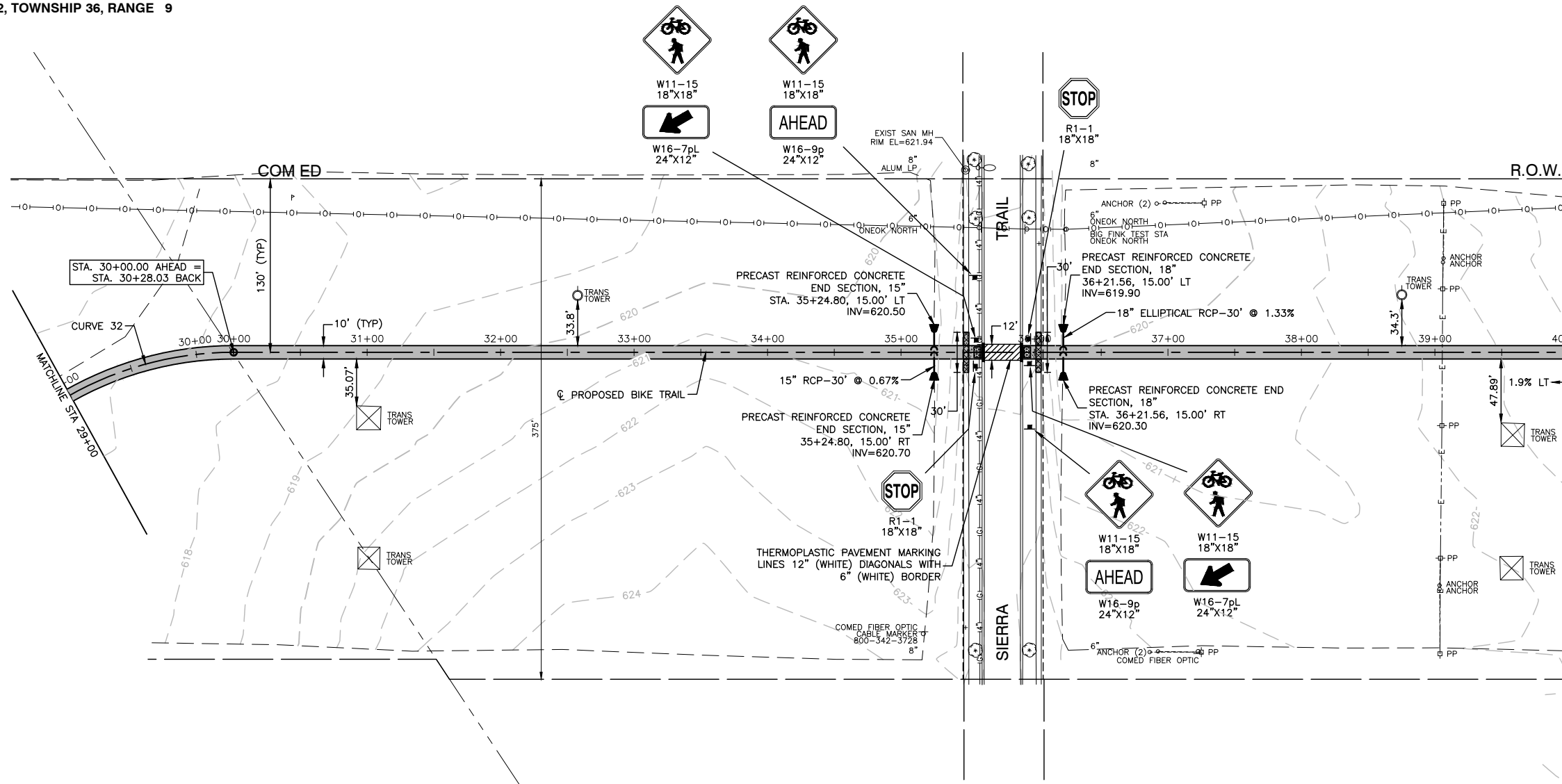


LOCATION MAP
N.T.S.

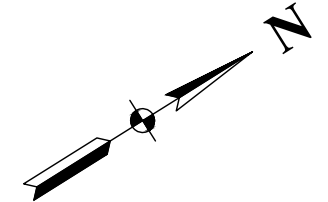


FILE NAME = 15311_02-PLPR-01 - PLPR02	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - HLG	REVISED -				---	15-00063-00-BT	WILL	91	14
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -				CONTRACT NO. 61G28				
		CHECKED - AG	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

SCALE: H 1"=50' V 1"=5' SHEET NO. 14 OF 91 SHEETS STA. TO STA.

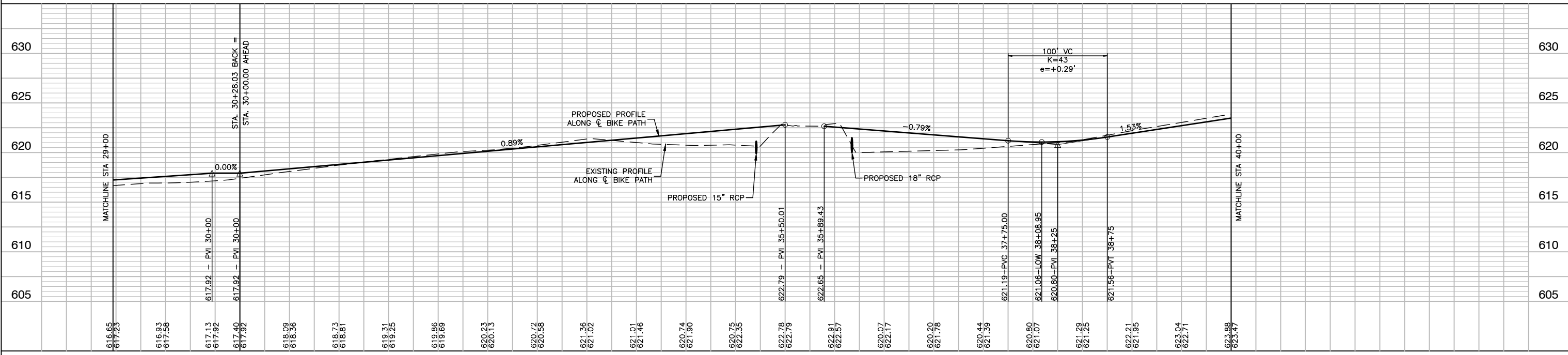


LOCATION MAP
N.T.S.

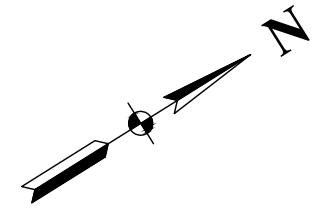
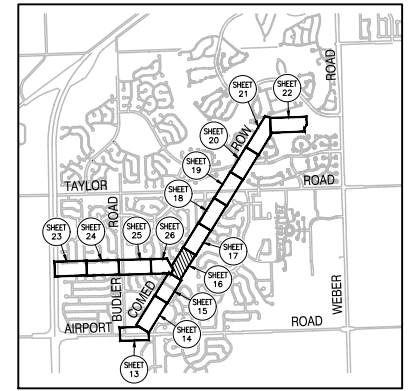
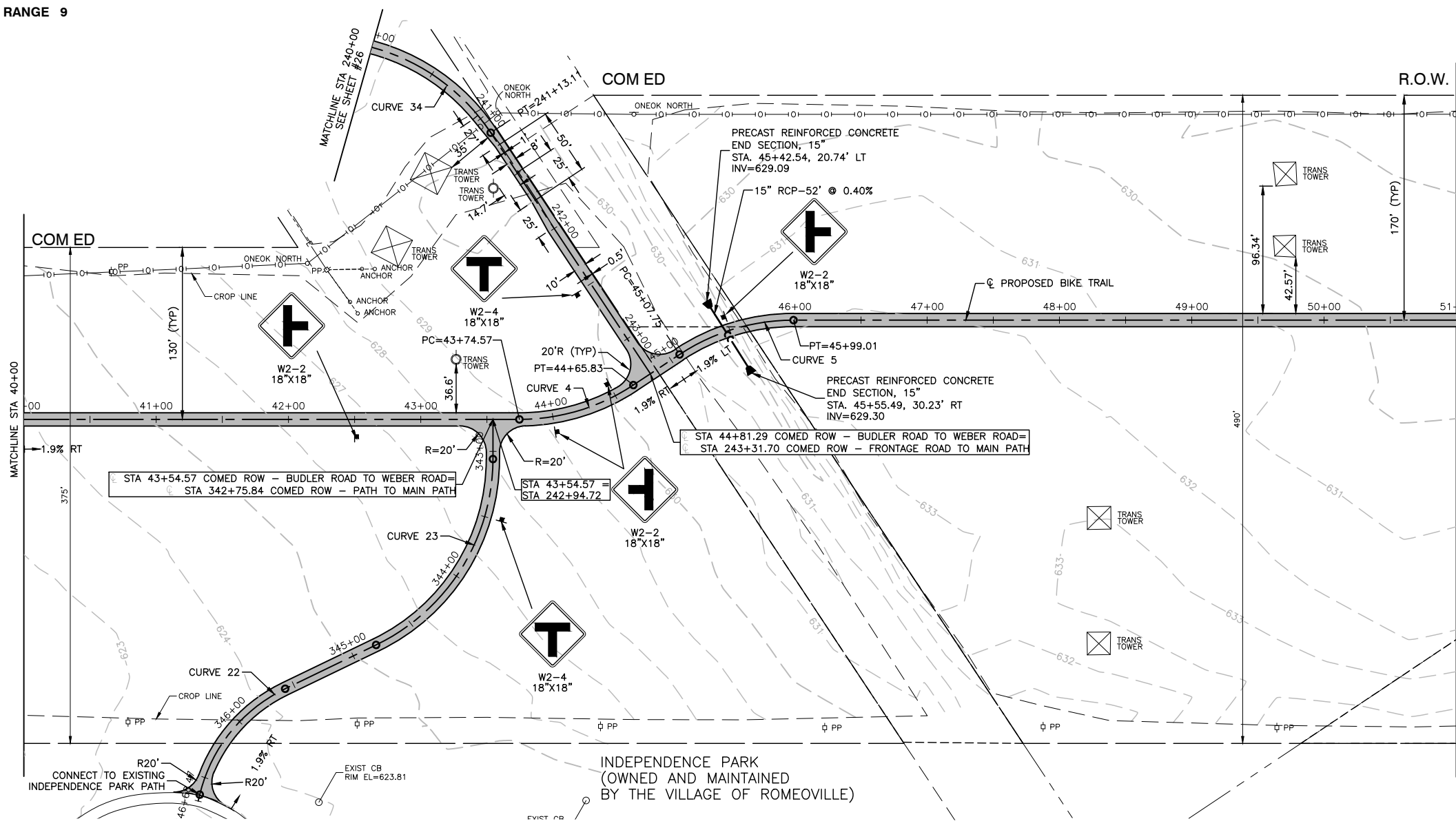


LEGEND

- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- \rightarrow XXX XX CROSS SLOPE OF PATH LOOKING UPSTATION

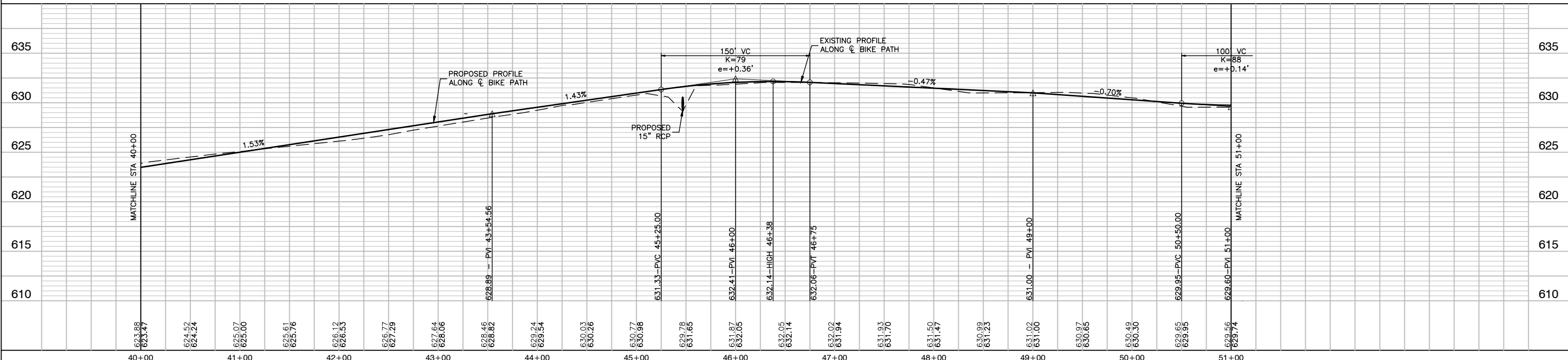


FILE NAME = 15311_02-PLPR-01 - PLPR03	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE		F.A. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE =	CHECKED - HLG	REVISED -		SCALE: H 1"=50' V 1"=5'		SHEET NO. 15	OF 91 SHEETS	STA.	TO STA.	ILLINOIS	91	15
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -		CONTRACT NO. 61G28		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT ----		
		CHECKED - AG	REVISED -		CONTRACT NO. 61G28		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT ----		

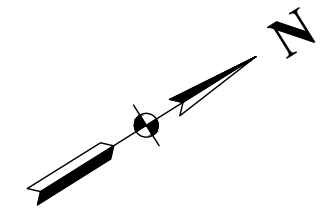
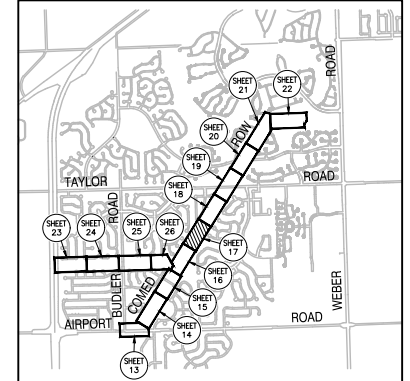
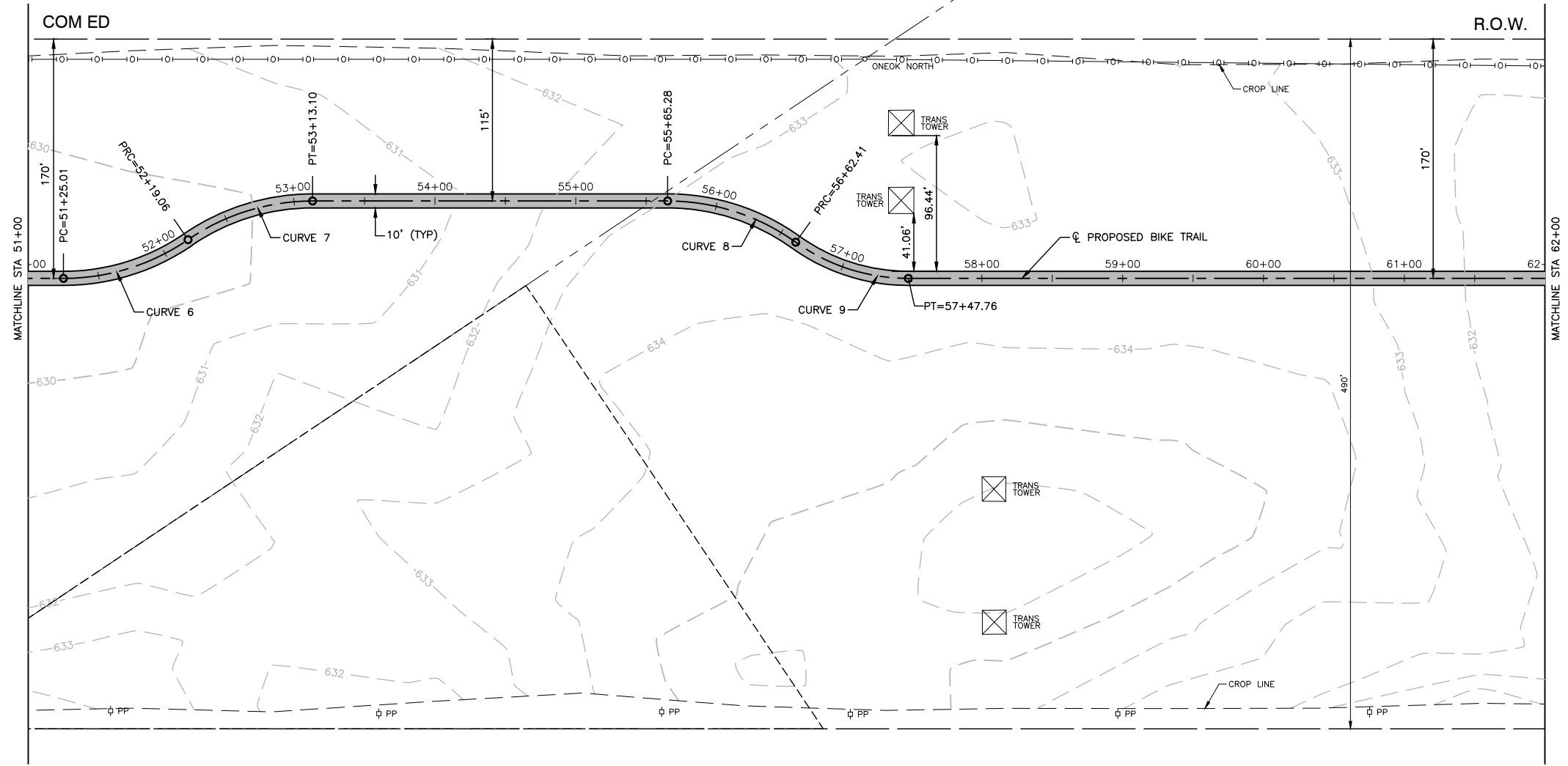


LEGEND

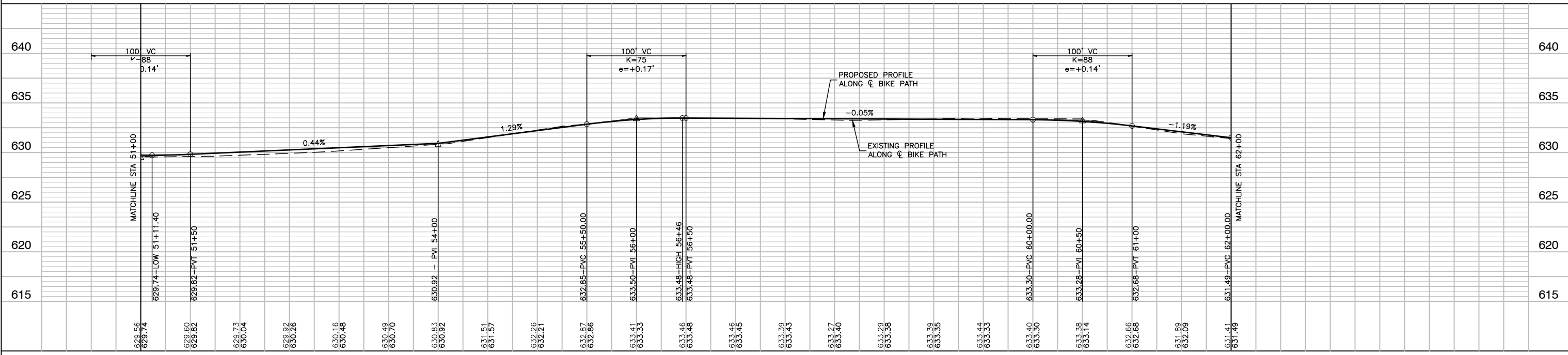
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- \rightarrow XXX XX CROSS SLOPE OF PATH LOOKING UPSTATION



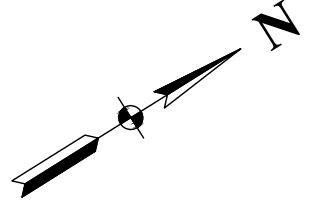
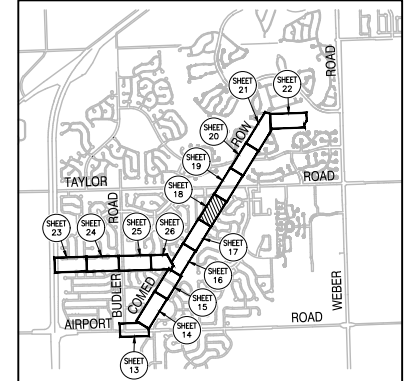
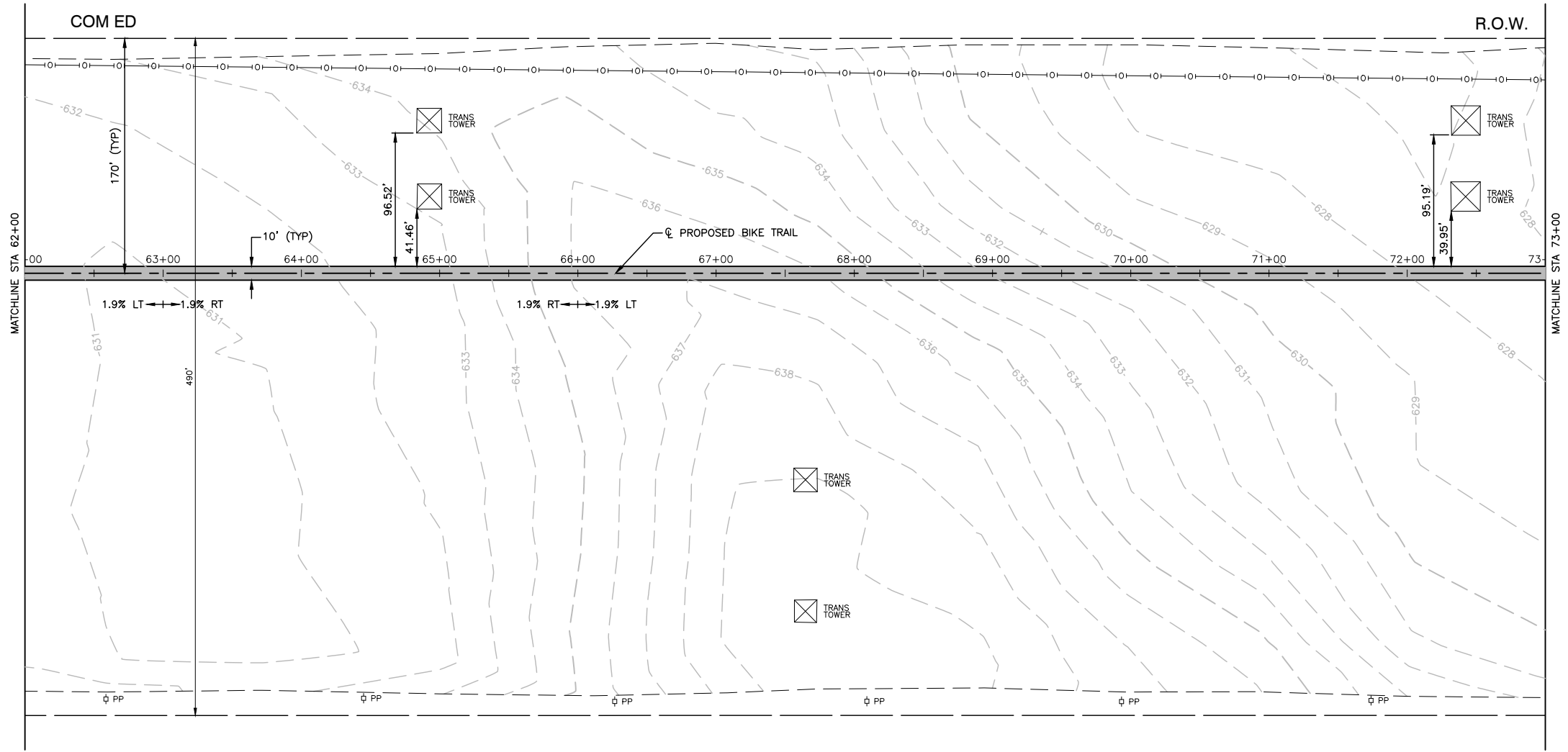
FILE NAME = 15311_02-PLPR-01 - PLPR04	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - HLG	REVISED -				---	15-00063-00-BT	WILL	91	16
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -				CONTRACT NO. 61G28				
		CHECKED - AG	REVISED -				FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



- LEGEND**
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
 - AGGREGATE BASE COURSE, TYPE B, 4"
 - PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
 - SIDEWALK REMOVAL
 - EXISTING TREE REMOVAL
 - DETECTABLE WARNINGS
 - COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - XXX XX CROSS SLOPE OF PATH LOOKING UPSTATION

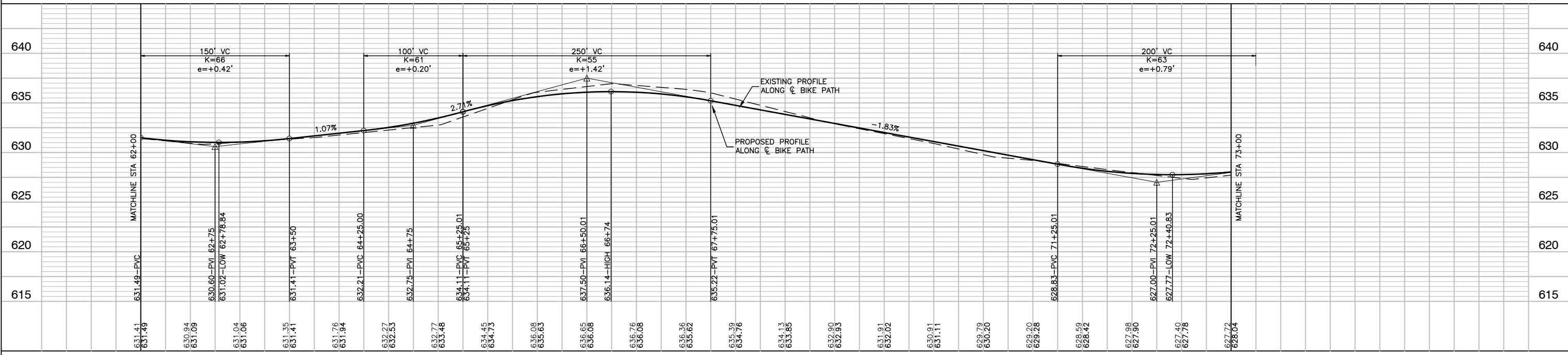


FILE NAME = 15311_02-PLPR-01 - PLPR05	USER NAME =	DESIGNED - JR	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - HLG	REVISD -				---	15-00063-00-BT	WILL	91	17
	PLOT DATE = 03-10-20	DRAWN - RG	REVISD -				CONTRACT NO. 61G28				
		CHECKED - AG	REVISD -				FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	---	



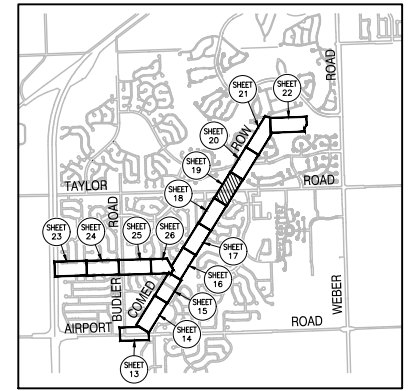
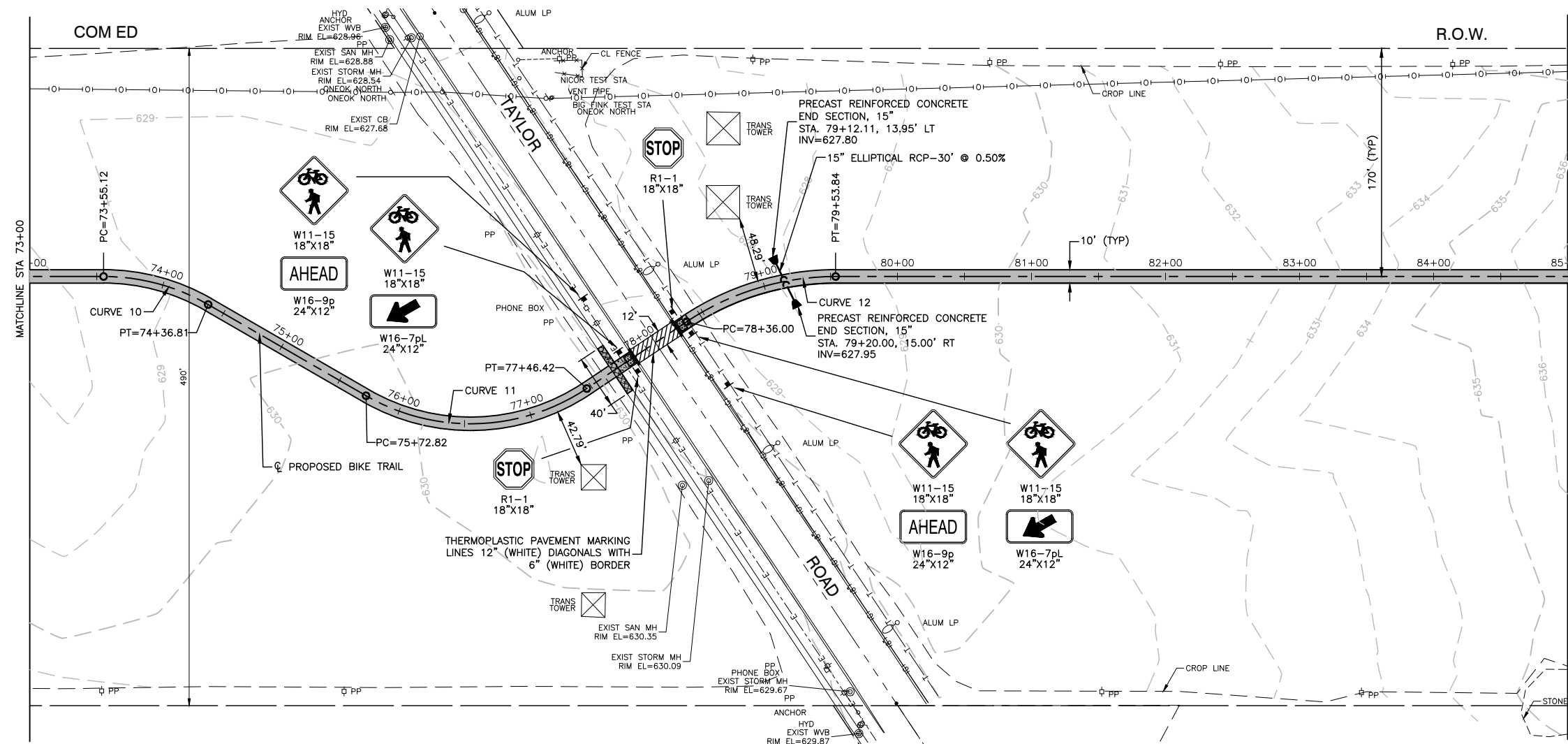
LEGEND

- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- \rightarrow XXX XX CROSS SLOPE OF PATH LOOKING UPSTATION

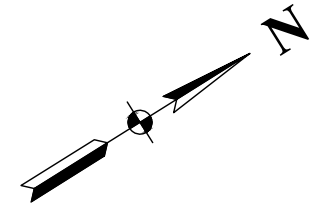


FILE NAME = 15311_02-PLPR-01 - PLPR06	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - HLG	REVISED -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 18	OF 91 SHEETS	STA.	TO STA.	WILL	91	18
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -		CONTRACT NO. 61G28							
		CHECKED - AG	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----							

SECTION 6, TOWNSHIP 36, RANGE 10
SECTION 7, TOWNSHIP 36, RANGE 10

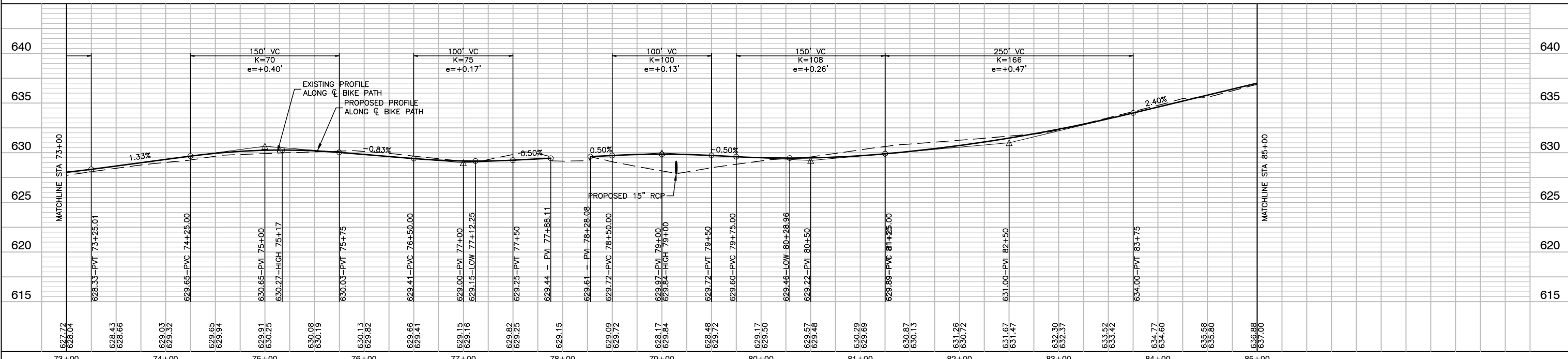


LOCATION MAP
N.T.S.

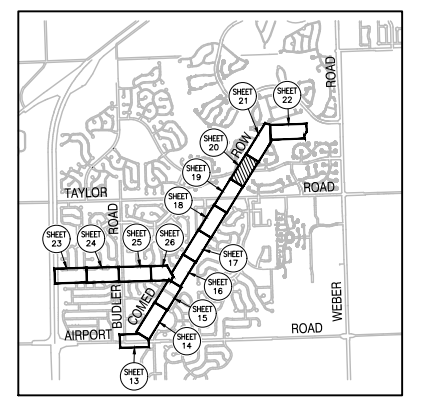
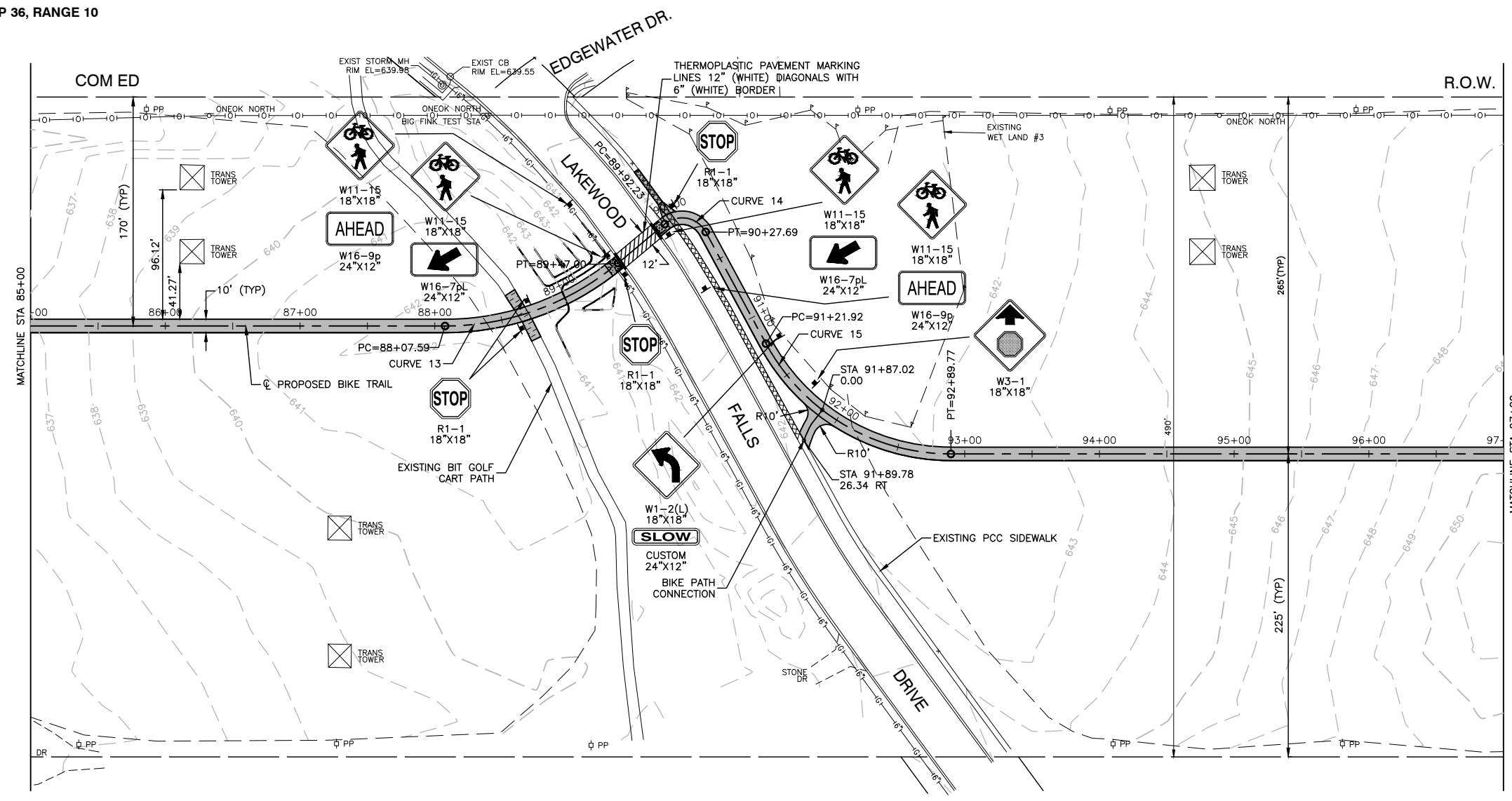


LEGEND

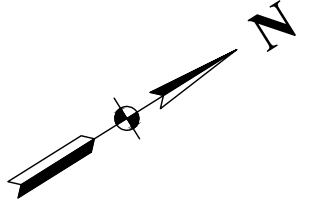
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- \rightarrow XXX XX CROSS SLOPE OF PATH LOOKING UPSTATION



FILE NAME = 15311_02-PLPR-01 - PLPR07	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE		F.A. RTE. ---	SECTION 15-00063-00-BT	COUNTY WILL	TOTAL SHEETS 91	SHEET NO. 19
	PLOT SCALE =	CHECKED - HLG	REVISED -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 19 OF 91 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ---	CONTRACT NO. 61G28
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -								
		CHECKED - AG	REVISED -								

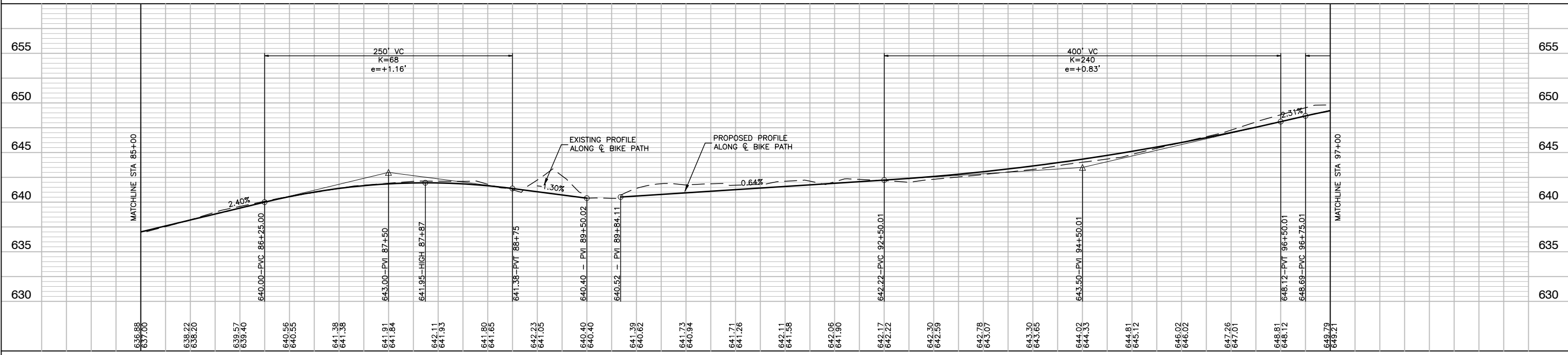


LOCATION MAP
N.T.S.

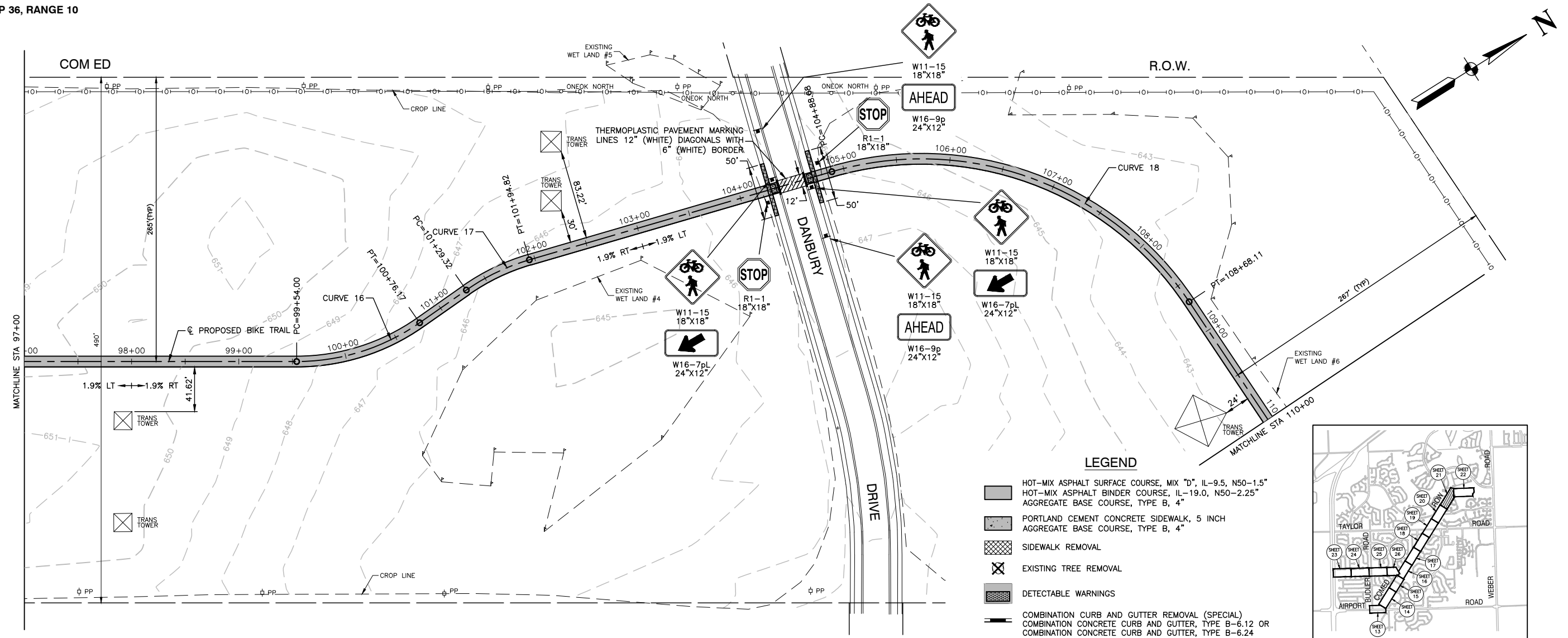


LEGEND

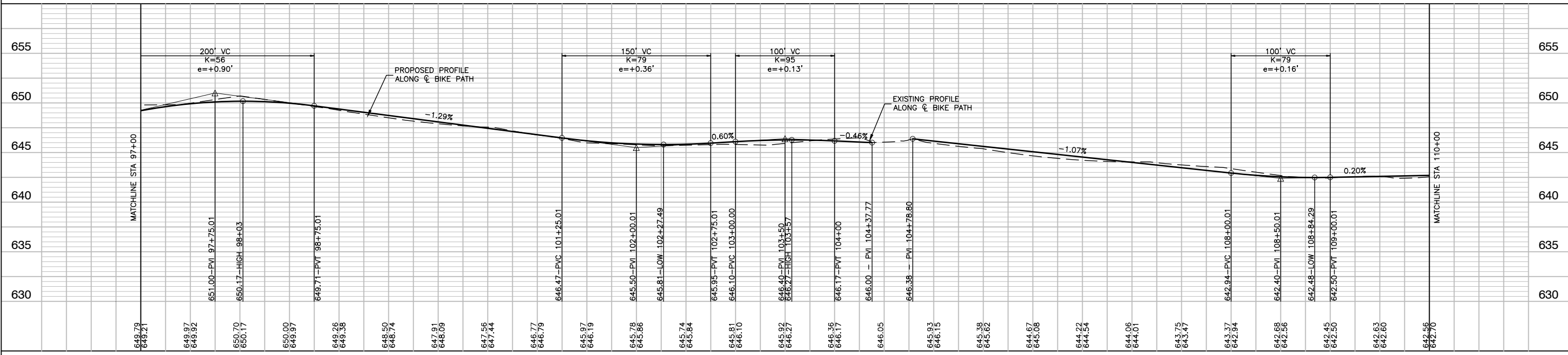
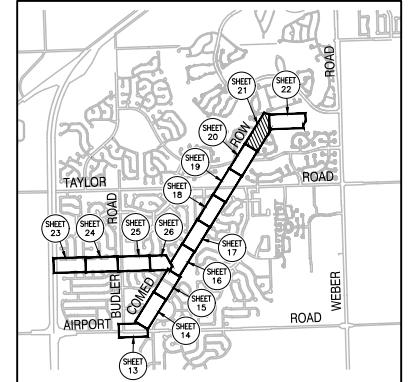
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- >XX XX CROSS SLOPE OF PATH LOOKING UPSTATION
- PAVEMENT REMOVAL



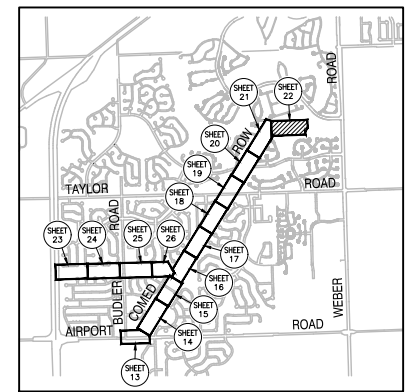
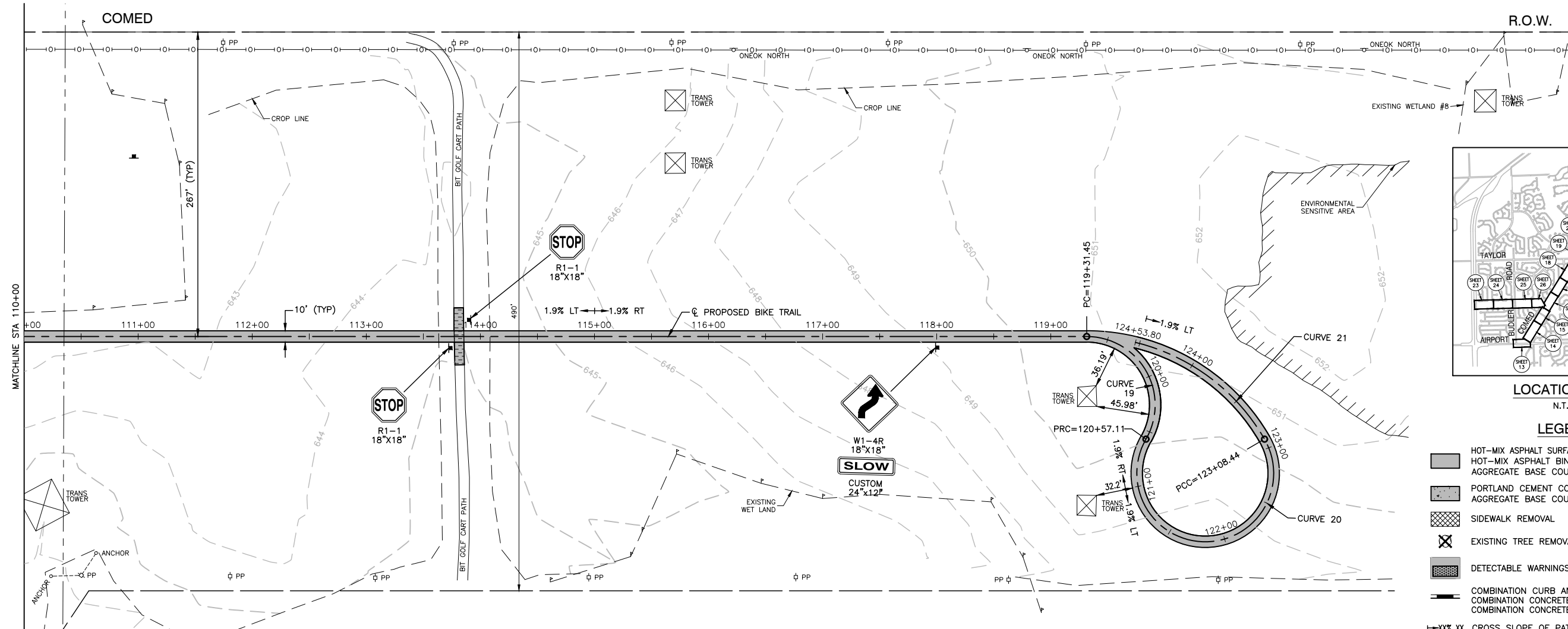
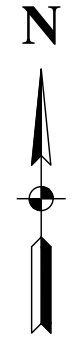
FILE NAME = 15311_02-PLPR-01 - PLPR08	USER NAME =	DESIGNED - JR	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE		F.A. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	CHECKED - HLG	REVISOR -					15-00063-00-BT	WILL	91	20	
	PLOT DATE = 03-10-20	DRAWN - RG	REVISOR -									CONTRACT NO. 61G28
		CHECKED - AG	REVISOR -				SCALE: H 1"=50' V 1"=5'	SHEET NO. 20	OF 91 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----



- LEGEND**
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
AGGREGATE BASE COURSE, TYPE B, 4"
 - PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
AGGREGATE BASE COURSE, TYPE B, 4"
 - SIDEWALK REMOVAL
 - EXISTING TREE REMOVAL
 - DETECTABLE WARNINGS
 - COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- XX% XX CROSS SLOPE OF PATH LOOKING UPSTATION



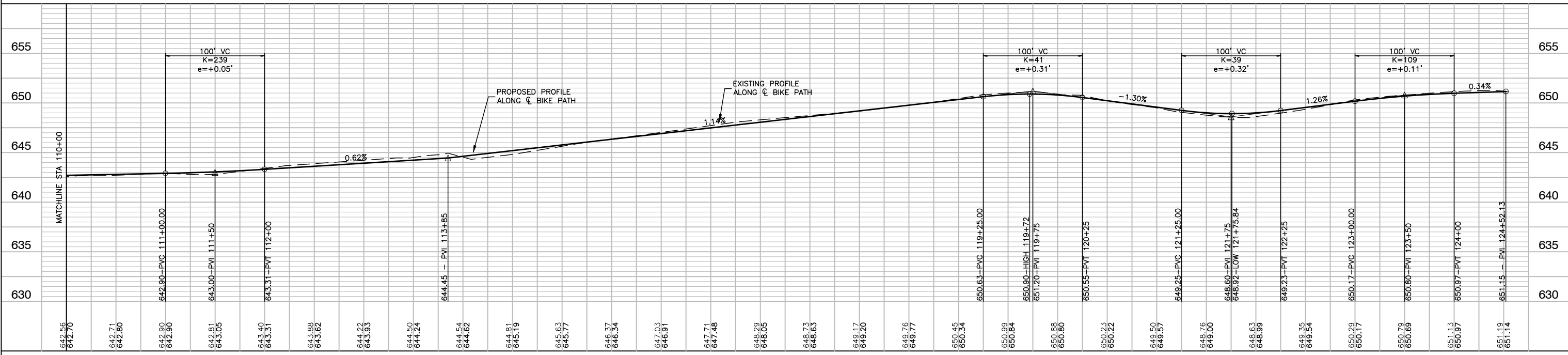
FILE NAME = 15311_02-PLPR-01 - PLPR09	USER NAME =	DESIGNED -- JR	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -- HLG	REVISED --					---	15-00063-00-BT	WILL	91	21
	PLOT DATE = 03-10-20	DRAWN -- RG	REVISED --					CONTRACT NO. 61G28				
		CHECKED -- AG	REVISED --					SCALE: H 1"=50' V 1"=5' SHEET NO. 21 OF 91 SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



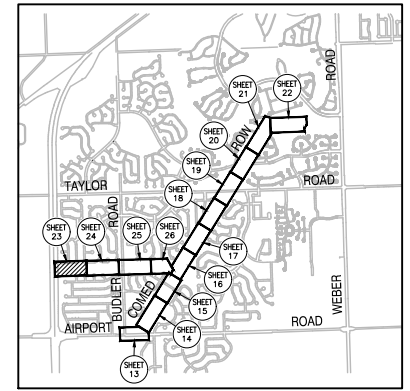
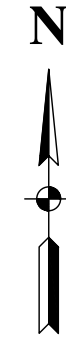
LOCATION MAP
N.T.S.

LEGEND

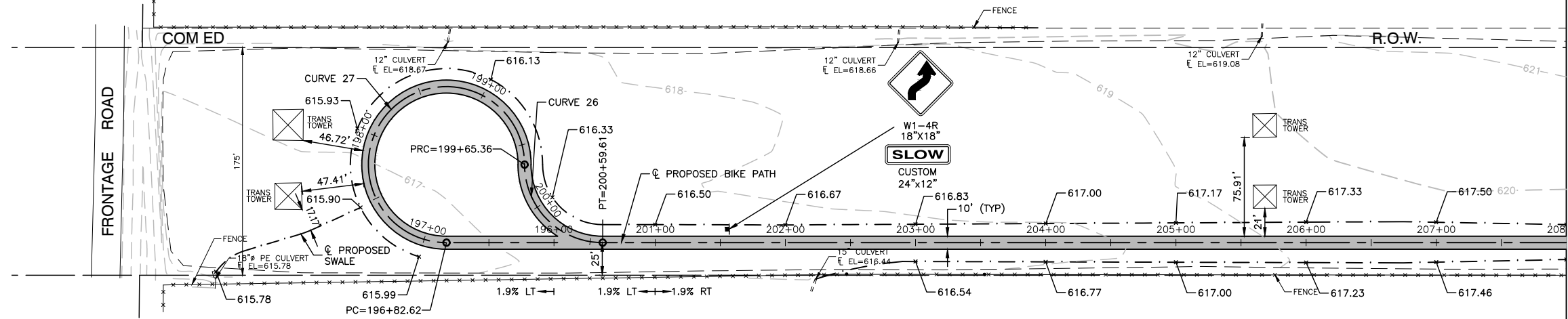
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- \rightarrow XXX XX CROSS SLOPE OF PATH LOOKING UPSTATION
- PAVEMENT REMOVAL



FILE NAME = 15311_02-PLPR-01 - PLPR10	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE	F.A. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE =	CHECKED - HLG	REVISED -				---	15-00063-00-BT	WILL	91	22	
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -			SCALE: H 1"=50' V 1"=5'	SHEET NO. 22	OF 91 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT ----
		CHECKED - AG	REVISED -									



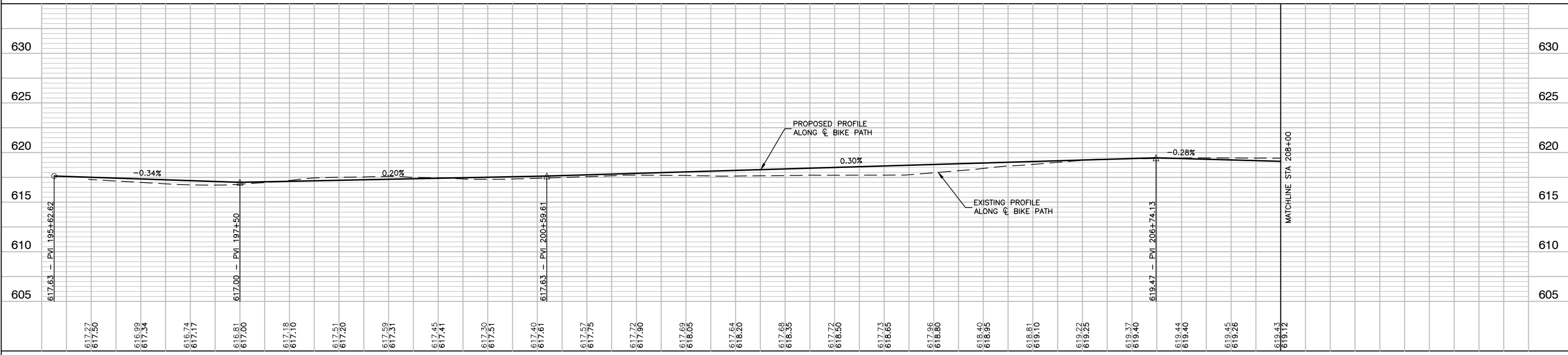
LOCATION MAP
N.T.S.



MATCHLINE STA 208+00

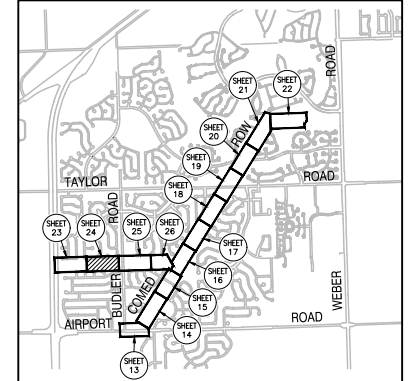
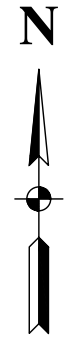
LEGEND

- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- \rightarrow XX% XX CROSS SLOPE OF PATH LOOKING UPSTATION

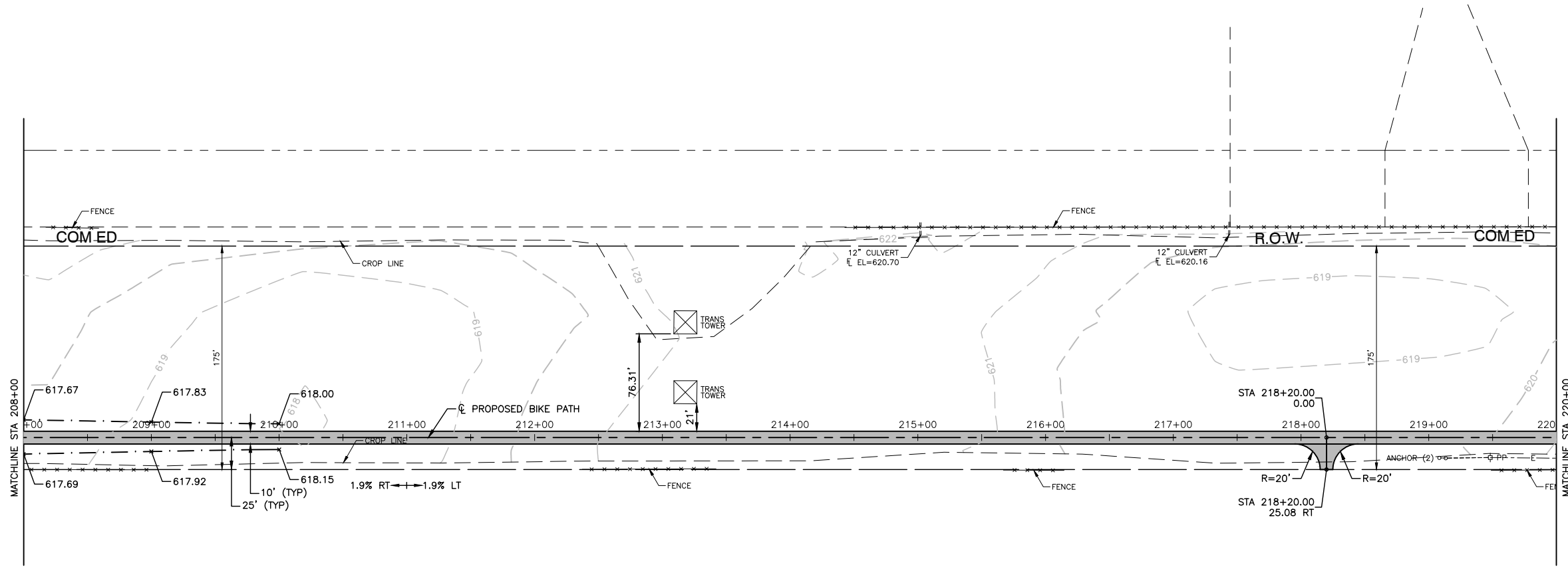


MATCHLINE STA 208+00

FILE NAME = 15311_02-PLPR-01 - PLPR12	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - HLG	REVISED -		SCALE: H 1"=50' V 1"=5'			---	15-00063-00-BT	WILL	91	23
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -		SHEET NO. 23 OF 91 SHEETS			---	---	---	---	---
		CHECKED - AG	REVISED -		STA. TO STA.			FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	---	---

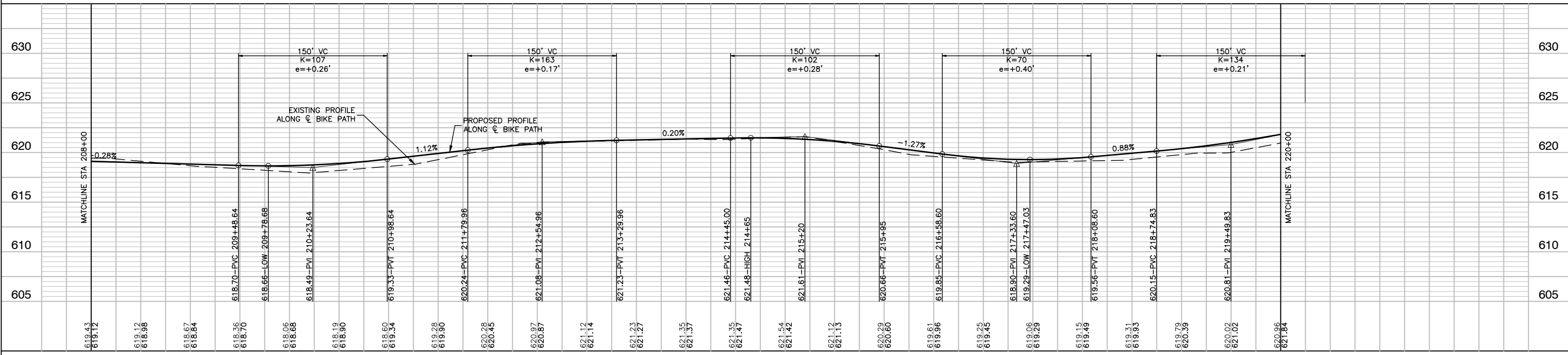


LOCATION MAP
N.T.S.

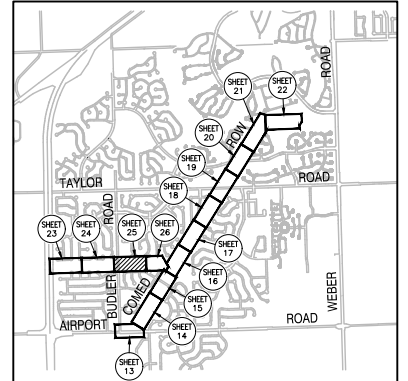
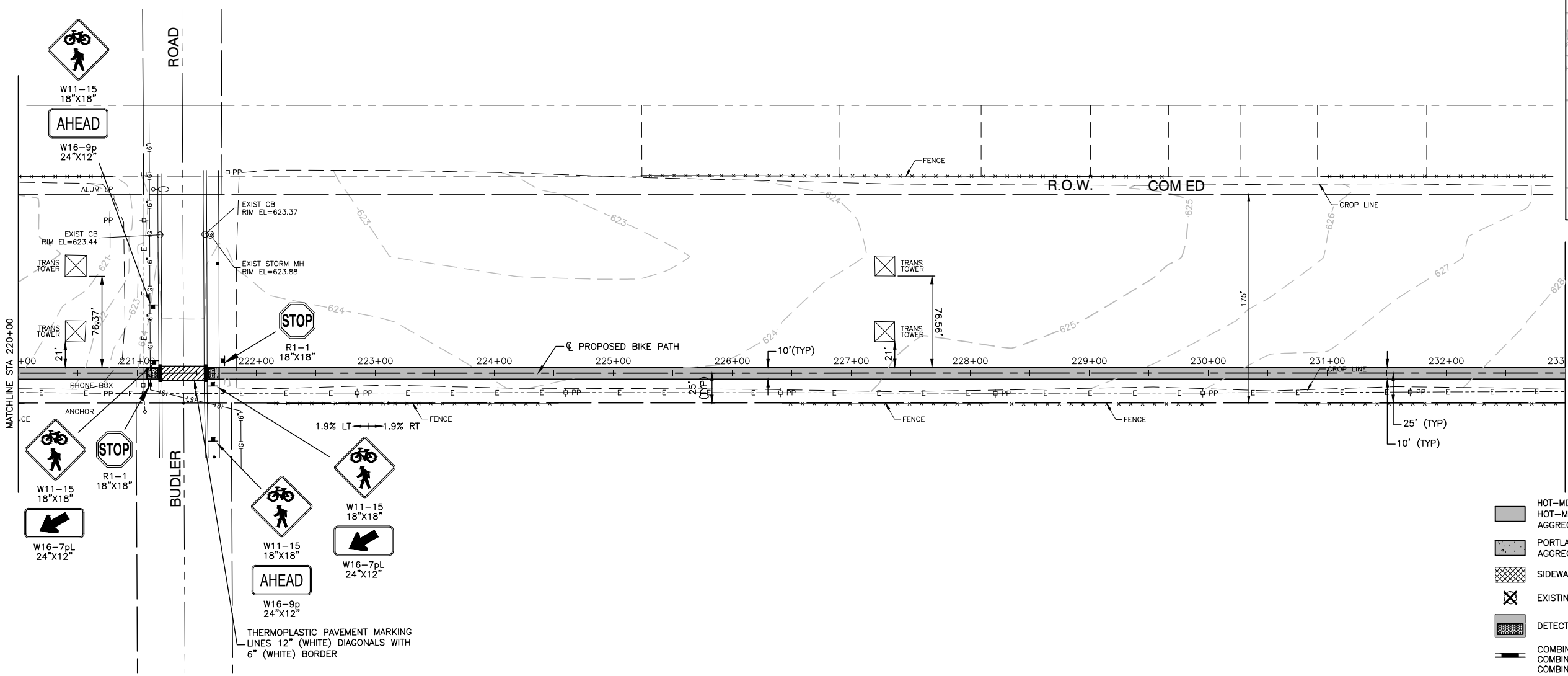


LEGEND

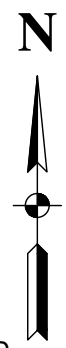
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- \rightarrow XX% XX CROSS SLOPE OF PATH LOOKING UPSTATION



FILE NAME = 15311_02-PLPR-01 - PLPR13	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - HLG	REVISED -				---	15-0063-00-BT	WILL	91	24
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -				CONTRACT NO. 61G28				
		CHECKED - AG	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

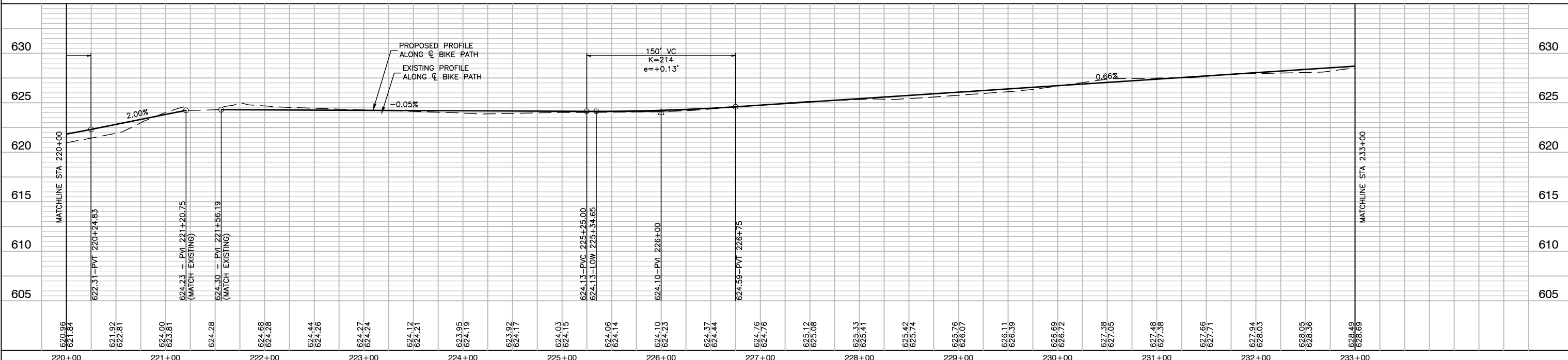


LOCATION MAP
N.T.S.

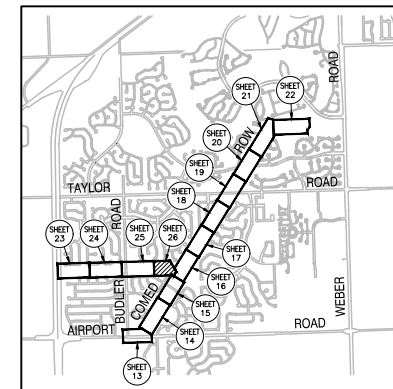


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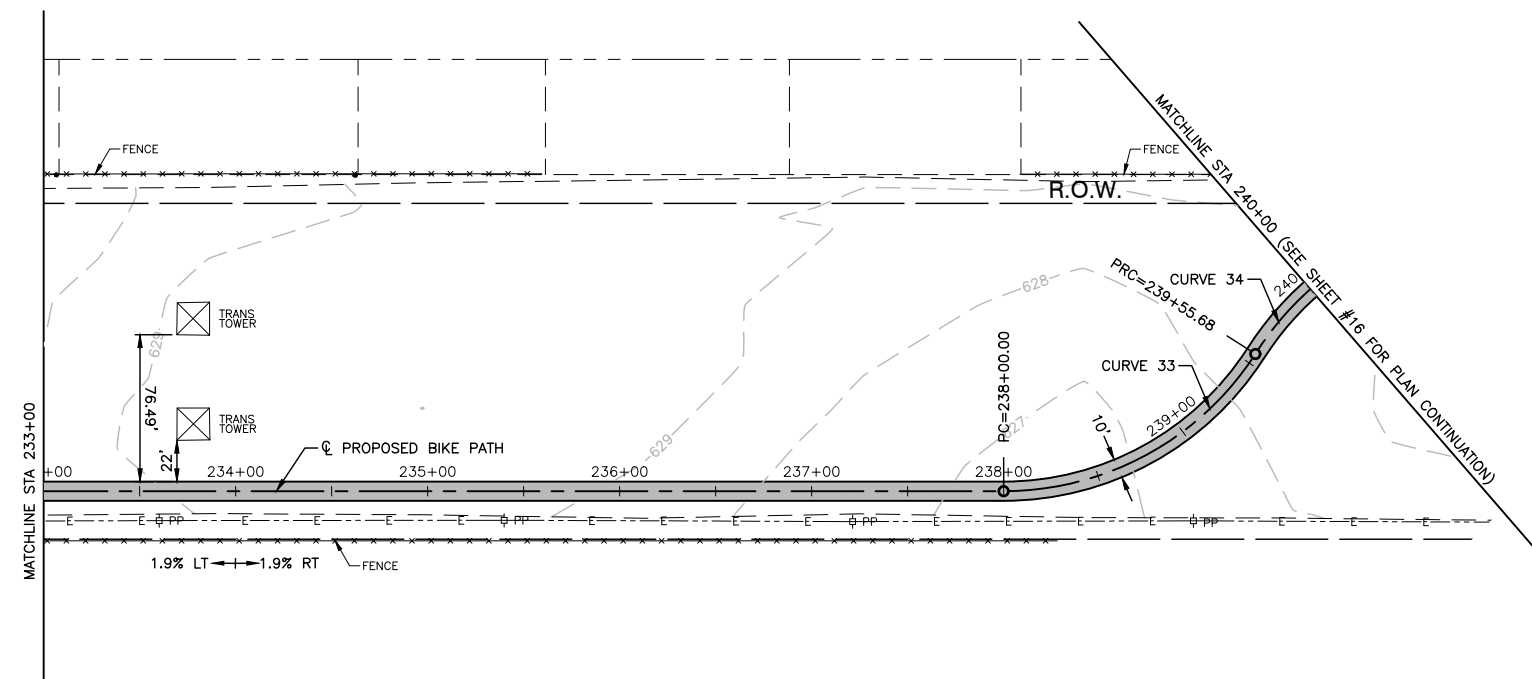
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
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- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- 1-XX% XX CROSS SLOPE OF PATH LOOKING UPSTATION



FILE NAME = 15311_02-PLPR-01 - PLPR14	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - HLG	REVISED -				---	15-00063-00-BT	WILL	91	25
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -						CONTRACT NO. 61G28		
		CHECKED - AG	REVISED -				SCALE: H 1"=50' V 1"=5'	SHEET NO. 25 OF 91 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS

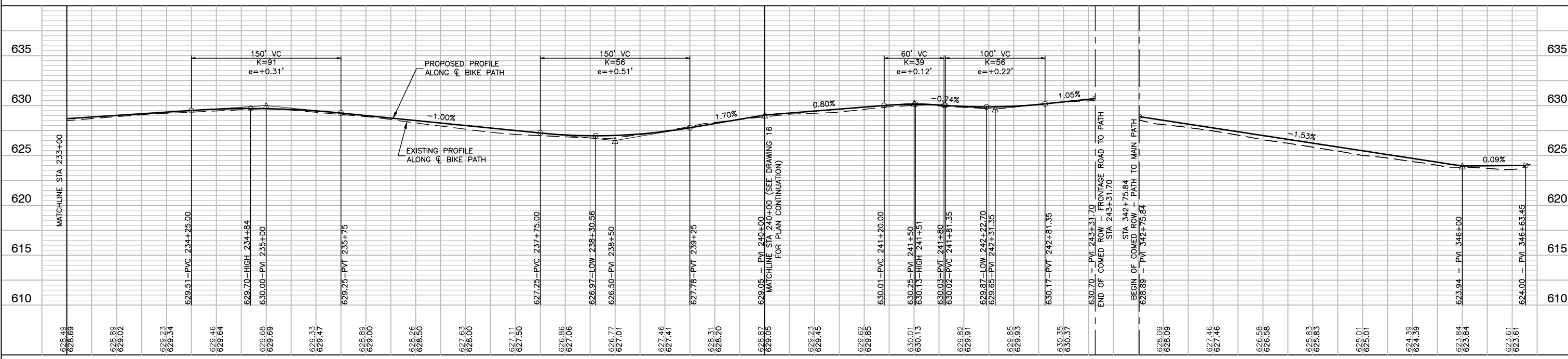


LOCATION MAP
N.T.S.



LEGEND

- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50-1.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50-2.25"
- AGGREGATE BASE COURSE, TYPE B, 4"
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH AGGREGATE BASE COURSE, TYPE B, 4"
- SIDEWALK REMOVAL
- EXISTING TREE REMOVAL
- DETECTABLE WARNINGS
- COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 OR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- XXX XX CROSS SLOPE OF PATH LOOKING UPSTATION



FILE NAME = 15311_02-PLPR-01 - PLPR15	USER NAME =	DESIGNED - JR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL PLAN & PROFILE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - HLG	REVISED -		SCALE: H 1"=50' V 1"=5'	15-00063-00-BT	WILL	91	26			
	PLOT DATE = 03-10-20	DRAWN - RG	REVISED -		SHEET NO. 26 OF 91 SHEETS	TO STA.	CONTRACT NO. 61G28					
		CHECKED - AG	REVISED -				FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT ----			

SECTION 6, TOWNSHIP 36, RANGE 9

SECTION 7, TOWNSHIP 36, RANGE 9

SECTION 12, TOWNSHIP 36, RANGE 9

GENERAL NOTES

THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES ILR10 CONSTRUCTION GENERAL PERMIT (CGP) ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORWATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE SWPPP ON SITE AT ALL TIMES. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING THE QUALIFIED PERSONNEL AND FOR PERFORMING THE REQUIRED INSPECTIONS.

1. PROJECT DESCRIPTION
THE PROJECT CONSISTS OF THE CONSTRUCTION OF MULTI-USE PATH, INSTALLATION OF NEW STORM SEWER / PIPE CULVERTS AND EXTENSIONS OF EXISTING PIPE CULVERTS. THE TOTAL AREA OF DISTURBANCE IS APPROXIMATELY 7 ACRES.

2. EXISTING SITE CONDITIONS AND SURROUNDING AREAS
THE WORK IS CONTAINED WITHIN THE VILLAGE OF ROMEOVILLE RIGHT-OF-WAY, AND COMED RIGHT-OF-WAY AREAS SURROUNDING THE PROJECT ARE RESIDENTIAL AND COMMERCIAL.

3. SOILS
THE SOIL WITHIN THE PROJECT SITE ARE A MIXTURE OF SILT LOAM AND SILTY CLAY LOAM. EXCAVATION OUTSIDE OF PAVED AREAS WILL BE BACKFILLED WITH NATIVE SOILS.

4. STANDARD SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES
SOIL EROSION AND SEDIMENT CONTROL PRACTICES FOR THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAILS AS PROVIDED IN THE PLANS. ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO STARTING EACH PHASE OF CONSTRUCTION. AFTER AWARD OF THE CONTRACT, THE CONTRACTOR FOR THE PROJECT SHALL SIGN THIS PLAN ACKNOWLEDGING RESPONSIBILITY FOR THE IMPLEMENTATION OF ON-GOING MAINTENANCE OF THIS PLAN. THE EROSION CONTROL PRACTICES SHALL BE INSPECTED AT LEAST WEEKLY, AND AFTER ANY RAINFALL GREATER THAN 0.5". ANY VISIBLE DISRUPTION TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED. ANY EXISTING SUBSURFACE DRAINAGE SYSTEMS OR FIELD TILES THAT ARE DISTURBED DURING THE CONSTRUCTION SHALL BE RESTORED. TOPSOIL SHALL BE STRIPPED AT THE TIME OF EXCAVATION AND REPLACED DURING THE BACKFILL OPERATION. ANY DUST OR MUD FROM THIS PROJECT TRACKED ONTO PUBLIC STREETS SHALL BE CLEANED UP AT THE END OF EACH WORKING DAY.

5. PERMANENT STABILIZATION PLANS
TOPSOIL & SEED AND BLANKET SHALL BE INSTALLED ON ALL DISTURBED AREAS IN ACCORDANCE WITH THE RESTORATION PLANS.

6. MAINTENANCE OF EROSION CONTROL PRACTICES
THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF EROSION CONTROL PRACTICES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL DESIGNATE A CONTACT PERSON FOR MAINTENANCE FOR ENSURING ALL VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN ARE KEPT IN GOOD AND EFFECTIVE OPERATING CONDITIONS.

THE PROCEDURES SET FORTH IN THE ILLINOIS URBAN MANUAL SHALL BE FOLLOWED WHERE APPLICABLE. IF NOT, APPLICABLE PROCEDURES SHALL BE FOLLOWED IN ACCORDANCE WITH MANUFACTURERS STANDARDS.

CONSTRUCTION SEQUENCE

1. INSTALL EROSION CONTROL
2. STORM SEWER / CULVERTS
3. CONSTRUCTION OF SIDEWALK AND MULTI-USE PATH
4. RESTORATION

INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE, WHICH HAVE NOT BEEN FINAL STABILIZED, STRUCTURAL CONTROL MEASURES AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER (OR EQUIVALENT SNOWFALL).

- A. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE IMPROVEMENT PLANS SHALL BE OBSERVED TO ENSURE THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.
- B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN THE PROJECT DESCRIPTION AND POLLUTION PREVENTION MEASURES IDENTIFIED UNDER EROSION AND SEDIMENT CONTROLS SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.
- C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, DATE(S) OF THE INSPECTION(S), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORMWATER POLLUTION PREVENTION PLAN AND ACTIONS TAKEN IN ACCORDANCE WITH THE ABOVE SECTION B SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.
- D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE INSPECTOR SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER OR RESIDENT TECHNICIAN SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF THE NONCOMPLIANCE, ACTIONS TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

THE REPORT OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

(WITH COPIES SENT TO THE OWNER AND ENGINEER)

DESCRIPTION OF STORMWATER MANAGEMENT CONTROLS

1. INSTALL EROSION CONTROL MEASURES AS INDICATED ON THE LANDSCAPING AND EROSION CONTROL PLAN.
2. AFTER CONSTRUCTION OF THE PROPOSED STORM SEWERS AND CULVERTS, PLACE INLET FILTERS PER THE DETAIL ON THE PLANS OR APPROVED EQUAL IN ALL STORM STRUCTURES ACCEPTING SURFACE FLOW OUTSIDE OF PAVED AREAS.
3. INSTALL PERMANENT EROSION CONTROL MEASURES SEED AND BLANKET AS SHOWN ON THE LANDSCAPING AND EROSION CONTROL PLAN.

STABILIZATION PRACTICES

THIS SECTION OF THE PLAN ADDRESSES THE VARIOUS CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR THAT WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION IS INDICATED. EACH SUCH CONTRACTOR SHALL SIGN THE REQUIRED CERTIFICATION ON FORMS WHICH ARE PART OF THIS PLAN.

1. INSTALL ONSITE SEDIMENT CONTROL MEASURES AS SHOWN ON THE IMPROVEMENT PLANS PRIOR TO INITIATING CONSTRUCTION.
2. STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA.
3. TEMPORARY SEED MIXTURE SHALL BE APPLIED AT 100 LBS/ ACRE OR 150 LBS/ ACRE DEPENDING ON THE SEED MIXTURE USED.
4. TOPSOIL STOCKPILES SHALL BE SEEDED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA. ALL SOIL STORAGE PILES SHALL BE PROTECTED FROM EROSION WITH SILT FENCE ON THE DOWNSLOPE SIDE OF THE PILES.
5. WATER PUMPED DURING CONSTRUCTION OPERATION SHALL BE FILTERED.
6. DUST CONTROL SHALL BE PERFORMED ON A DAILY BASIS USING WATER DISPERSED FROM TRUCK MOUNTED TANK WITH STANDARD DISCHARGE HEADER TO PROVIDE A UNIFORM RATE OF APPLICATION.
7. PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC ROADWAYS. ANY SEDIMENT REACHING A PUBLIC ROAD SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORKING DAY.
8. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE EFFECTIVE PERFORMANCE.
9. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE MUNICIPALITY AS CONSTRUCTION PROGRESSES.
10. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE REMOVED AND DISPOSED OF WITHIN 30 DAYS OF FINAL STABILIZATION.
11. ALL EROSION AND SEDIMENTATION CONTROL SHALL BE IN ACCORDANCE WITH THE VILLAGE OF ROMEOVILLE ORDINANCES.
12. SPECIFIC EROSION CONTROLS ARE SHOWN ON THE LANDSCAPING AND EROSION CONTROL PLAN IN THIS SET.

NON-STORMWATER DISCHARGES

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORMWATER THAT IS COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE.

- WATERMAIN FLUSHING
- FIRE HYDRANT FLUSHING
- GROUNDWATER (TRENCH DE-WATERING WATER)
- WATERING FOR DUST CONTROL
- DRAINAGE FOR VEGITATIVE GROWTH

APPROVED STATE OR LOCAL PLANS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, LATEST EDITION. REQUIREMENTS SPECIFIED IN THE SWPPP, OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE TO BE AUTHORIZED TO DISCHARGE UNDER PERMITS ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

EROSION CONTROL NOTES

THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO CONTROL WASTE SUCH AS DISCARDED CONSTRUCTION MATERIALS, CONCRETE TRUCK WASHOUT, CHEMICALS, LITTER AND SANITARY WASTE AT THE CONSTRUCTION SITE THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY.

ALL EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.

ANY OBSERVED DISRUPTION TO THE EROSION CONTROL PRACTICES SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR.

ANY DUST OR MUD TRACKED ONTO STREETS SHALL BE CLEANED AT THE END OF EACH WORKING DAY.

STABILIZATION OF DISTURBED AREAS MUST BE INITIATED WITHIN ONE (1) WORKING DAY OF PERMANENT OR TEMPORARY CESSATION OF EARTH DISTURBING ACTIVITIES AND SHALL BE COMPLETED AS SOON AS POSSIBLE BUT NOT LATER THAN 14 DAYS FROM THE INITIATION OF THE STABILIZATION WORK IN AN AREA.



VILLAGE OF ROMEOVILLE

FILE NAME = 15311_02-SWPP-01 - P01	USER NAME =	DESIGNED -- JR	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED MULTI-USE TRAIL STORM WATER POLLUTION PREVENTION PLAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED -- HLG	REVISED --		SCALE: NONE	SHEET NO. 27 OF 91 SHEETS	STA.	TO STA.	---	15-00063-00-BT	WILL	91	27
	PLOT SCALE =	DRAWN -- PS	REVISED --		CONTRACT NO. 61G28								
	PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----								

DETAIL 1
Anchor Trench
2 Rows Of Staples, Staggered 12" O.C.
Temp Soil Firmly
1 Row Of Staples, 12" O.C. Along Row

DETAIL 2
4" Staggered
Staple
6" Minimum
Blanket Roll End Overlap

DETAIL 3
Center of Waterway
6" Min
Staple
Blanket Side Overlap

STAPLE DETAIL
1" Min
6" to 12"

DETAIL 4
Center of Waterway
Staple Every 12"

DETAIL 5
12" Staggered
Staples
Terminal End

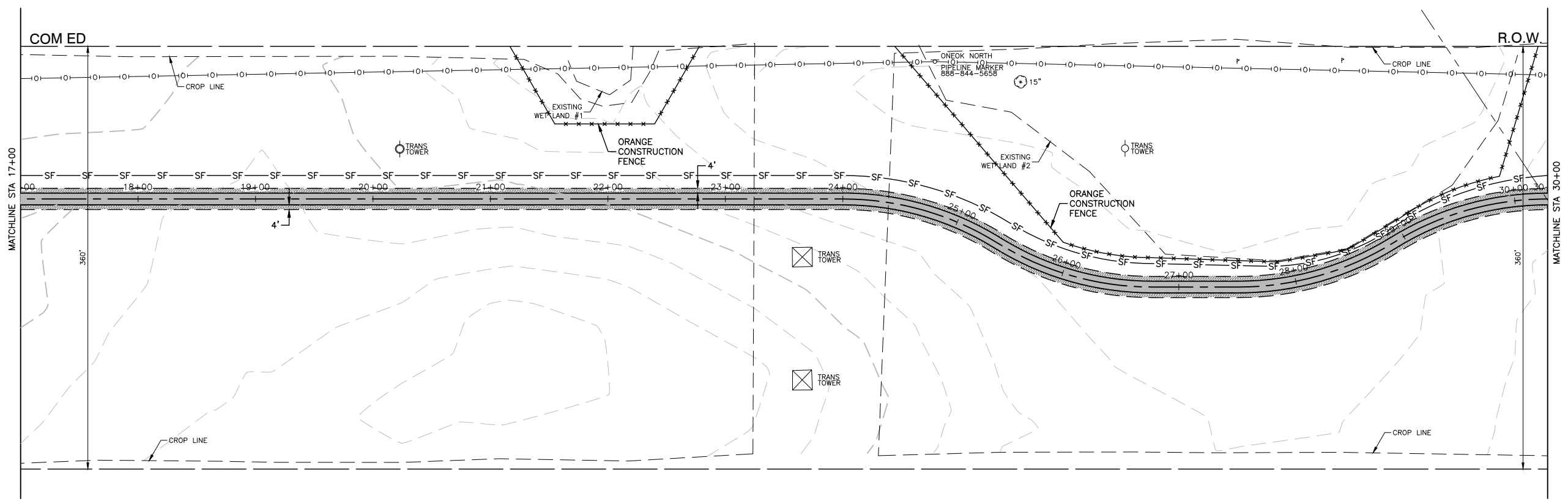
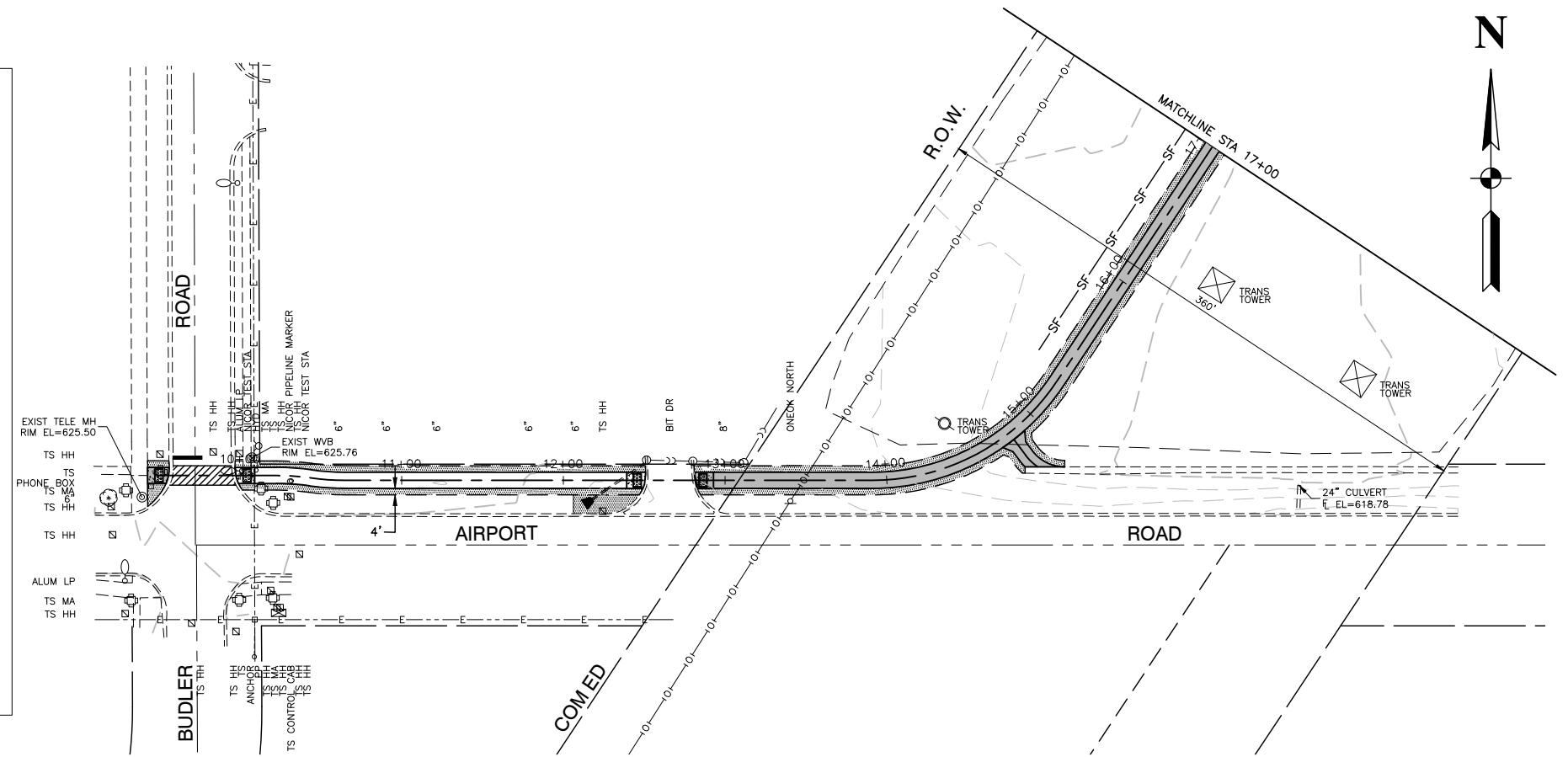
Not To Scale

Waterway #	Waterway Width (ft)	ECB Width (ft)	Length (ft)	Stations

NOTES:
1. The erosion control blanket consists of a machine produced mat of specified material. The product must meet the minimum requirements specified in Table 1, below. Ensure that the product is new and unused, and is furnished in rolls. Alternative materials may be used upon approval by the designer.
2. Prepare soil prior to installing erosion control blanket, including seeding, fertilizing, and lime application.
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. Use "U" shaped staples, 0.12 in diameter wire or greater (#11 gauge). See Staple Detail for dimensions.
b. Bury upstream end of blanket in a trench 6 inch wide by 6 inch deep and stapled in staggered rows across the width as shown in Detail 1.
c. For joining ends of rolls, overlap end of upstaple blanket a minimum of 6 inches over downstaple blanket (shingle style). Use a double row of staggered staples 4 inches apart, as shown in Detail 2.
d. Overlap blankets on side slopes a minimum 6 inches over the blanket below (shingle style). Staple overlap at 12 inch intervals. See Detail 3.
e. Staple the outer edge along sides of the blanket every 12 inches. See Detail 4.
f. Staples are to be placed alternately in columns (in the direction of the waterway) 2 feet apart and in rows (across the waterway) 3 feet apart, throughout the area covered by erosion blanket.
g. Downstream (terminal) end of blanket are to be stapled with a double row of staggered staples 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.

(See Note 1)	Coconut Blanket	Wood Fiber Blanket
Type of Fiber	100% coconut fibers	100% curled wood fibers
Weight, lbs/sq. yd.	0.50	0.63
Life Expectancy		
Fiber Length	N/A	80% of fibers > 6 in.
Fiber Dimensions	N/A	0.021 in. x 0.042 in.
Netting		
Netting Required ?	Cover Top and bottom of blanket with a max. 5/8" x 5/8" opening size netting, bound to the mat on max. 1.5" centers.	Cover Top and bottom of blanket with a max. 5/8" x 5/8" opening size netting
<input type="checkbox"/> Yes <input type="checkbox"/> No		

USDA
United States Department of Agriculture
Natural Resources Conservation Service
Ill. ENG-61
Page 1 of 1



NOTES
1. ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

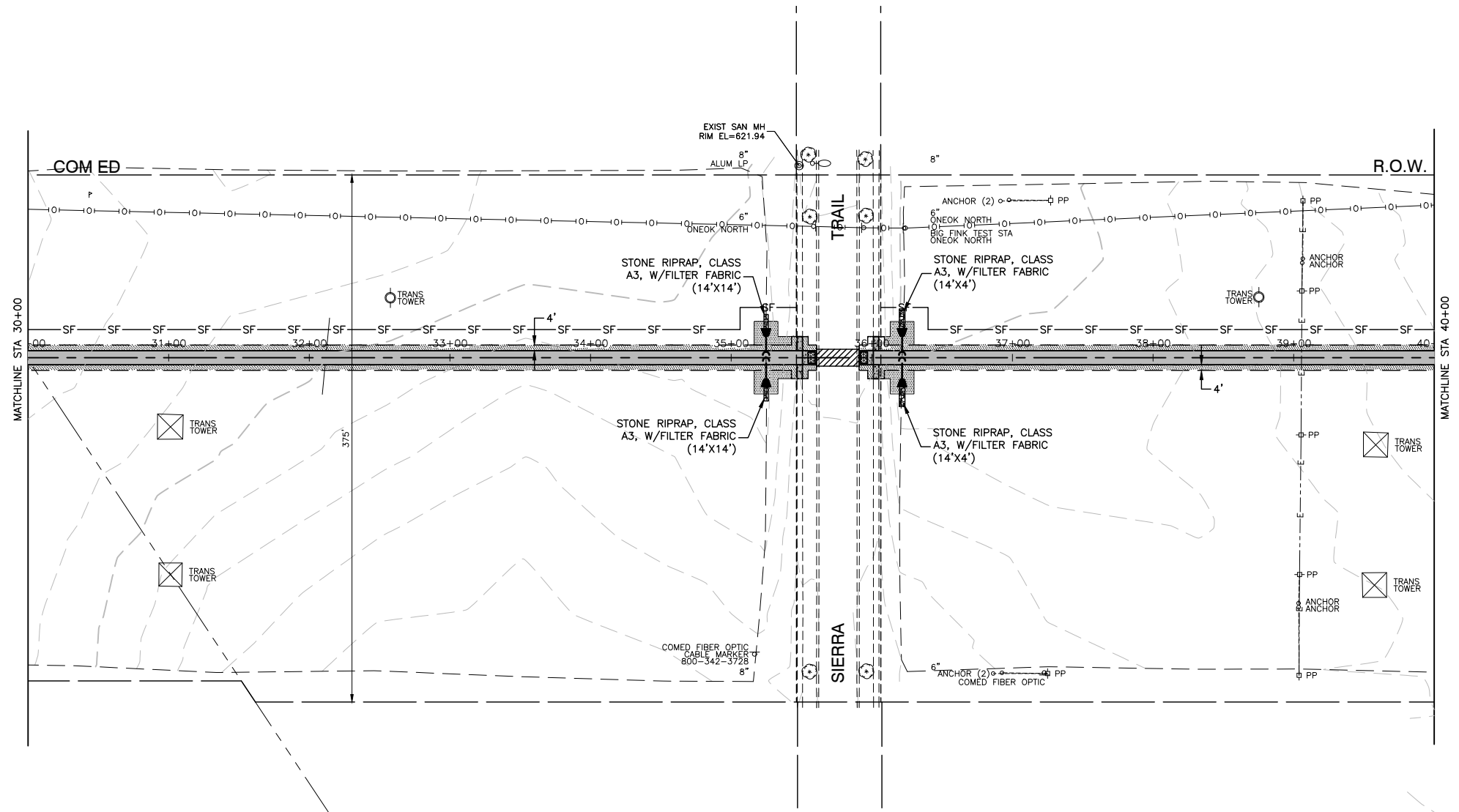
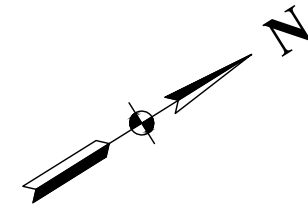
LEGEND
TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A
EROSION CONTROL BLANKET
—SF— PERIMETER EROSION BARRIER

FILE NAME = 15311_02-EROS-01 - P1R01	USER NAME =	DESIGNED — JR	REVISED —
		CHECKED — HLG	REVISED —
	PLOT SCALE =	DRAWN — RG	REVISED —
	PLOT DATE = 03-10-20	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW
COMED MULTI-USE TRAIL
LANDSCAPING & EROSION CONTROL
SCALE: H 1"=50' V 1"=5'
SHEET NO. 28 OF 91 SHEETS
STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	28
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	---	



NOTES

- ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

LEGEND

- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

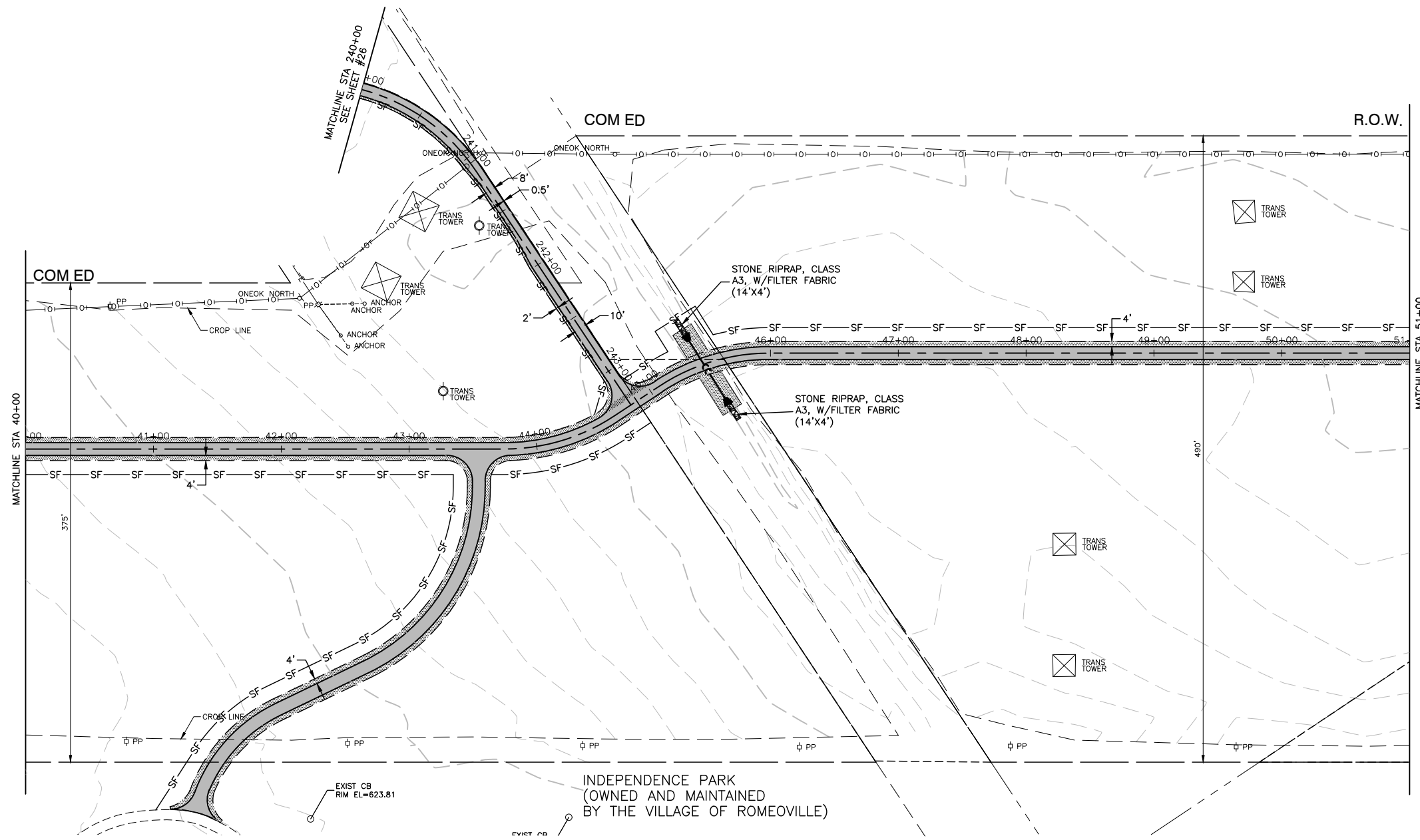
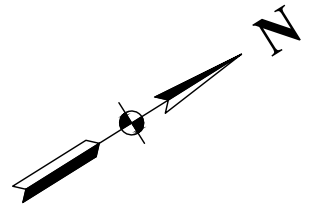
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	CHECKED -- HLG	REVISED --	
	PLOT SCALE =	DRAWN -- RG	REVISED --
	PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMED ROW
COMED MULTI-USE TRAIL
LANDSCAPING & EROSION CONTROL**

SCALE: H 1"=50' V 1"=5' SHEET NO. 29 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	29
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	---	



NOTES

1. ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

LEGEND

- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

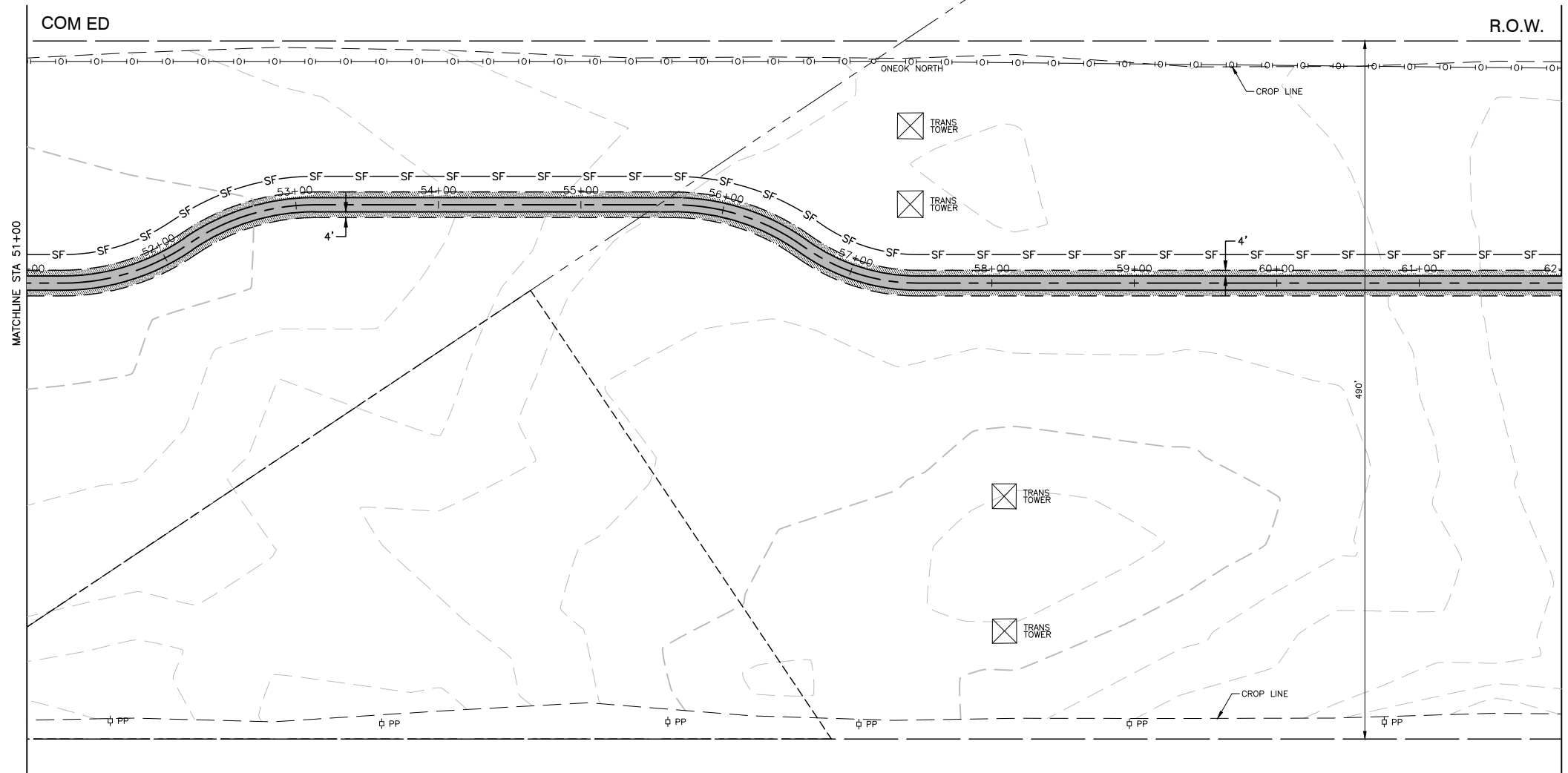
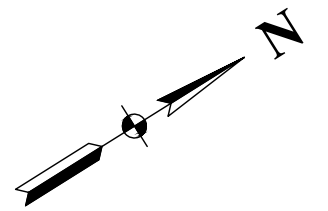
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USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- HLG	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW COMED MULTI-USE TRAIL LANDSCAPING & EROSION CONTROL	
SCALE: H 1"=50' V 1"=5'	SHEET NO. 30 OF 91 SHEETS
STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00063-00-BT	WILL	91	30
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



NOTES

1. ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

LEGEND

- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

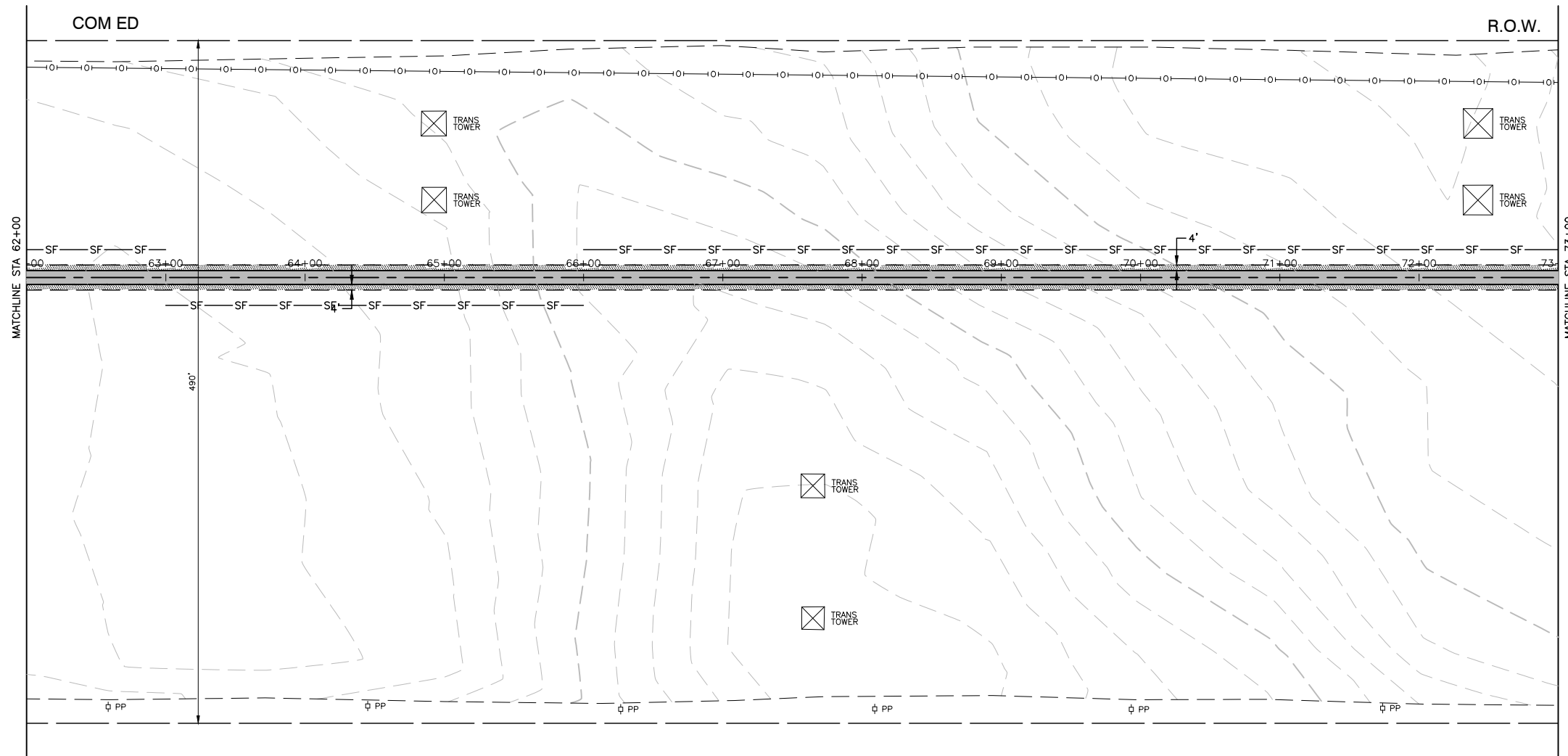
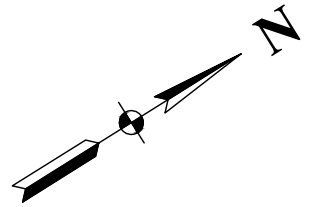
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PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMED ROW COMED MULTI-USE TRAIL LANDSCAPING & EROSION CONTROL	
SCALE: H 1"=50' V 1"=5'	SHEET NO. 31 OF 91 SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	31
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	----	



NOTES

1. ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

LEGEND

- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

FILE NAME = 15311_02-EROS-01 - PLPR05

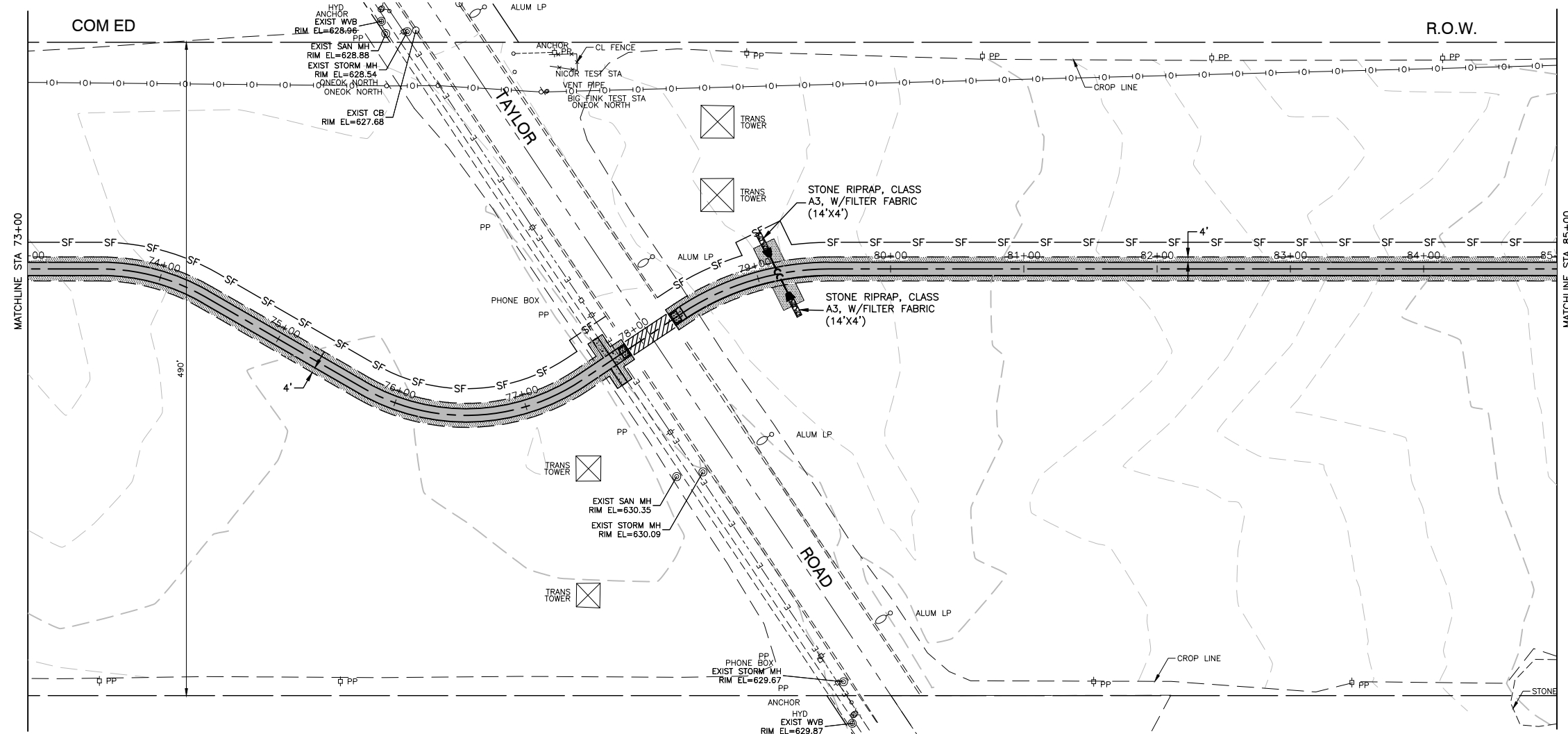
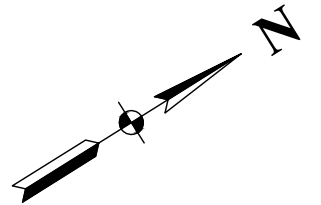
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PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW
COMED MULTI-USE TRAIL
LANDSCAPING & EROSION CONTROL

SCALE: H 1"=50' V 1"=5' SHEET NO. 32 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	32
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



NOTES

1. ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

LEGEND

- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

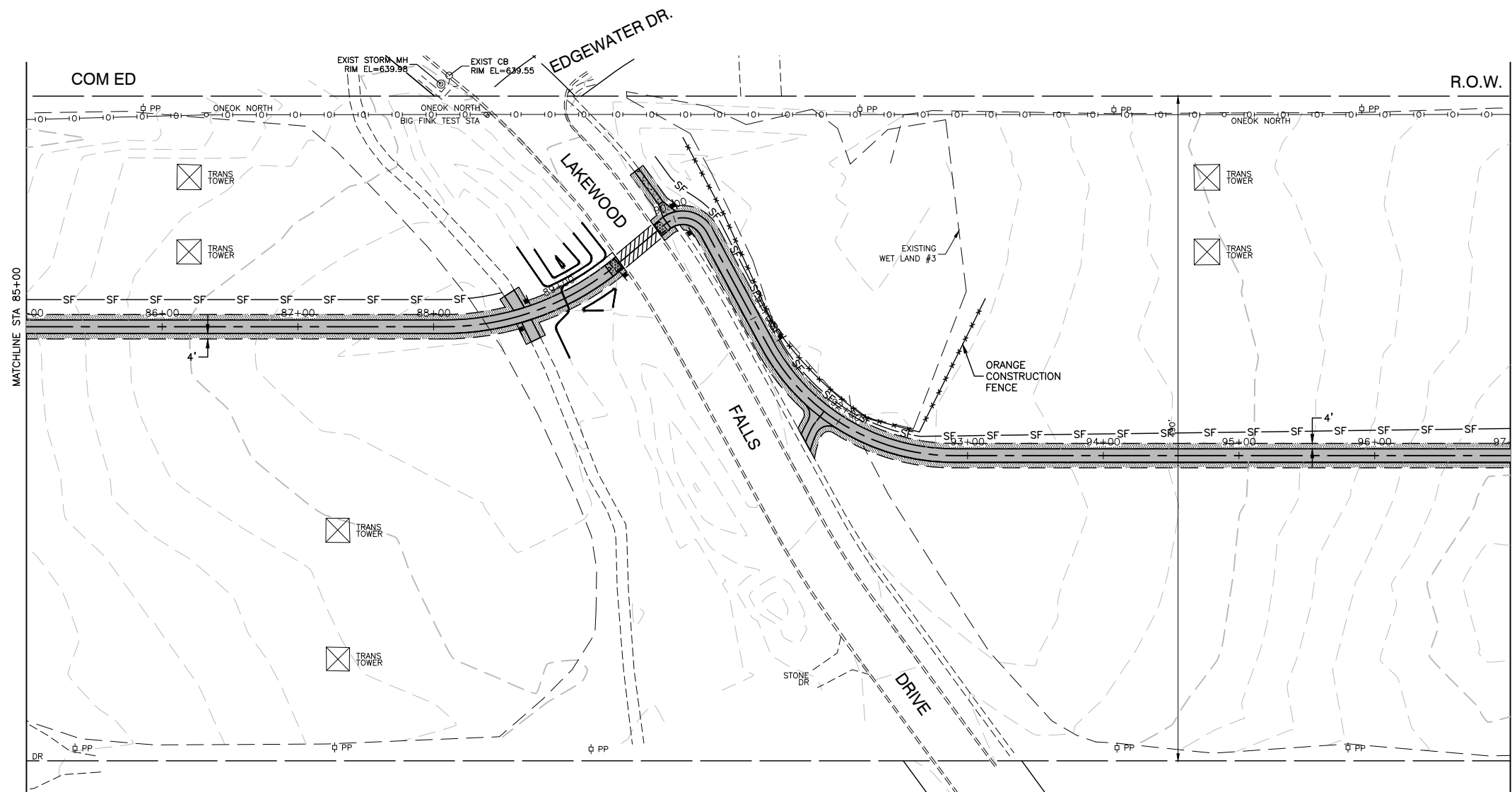
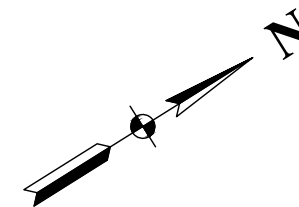
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PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMED ROW COMED MULTI-USE TRAIL LANDSCAPING & EROSION CONTROL	
SCALE: H 1"=50' V 1"=5'	STA. TO STA.
SHEET NO. 33 OF 91 SHEETS	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	33
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



NOTES

1. ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

LEGEND

- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

FILE NAME = 15311_02-EROS-01 - PLPR07

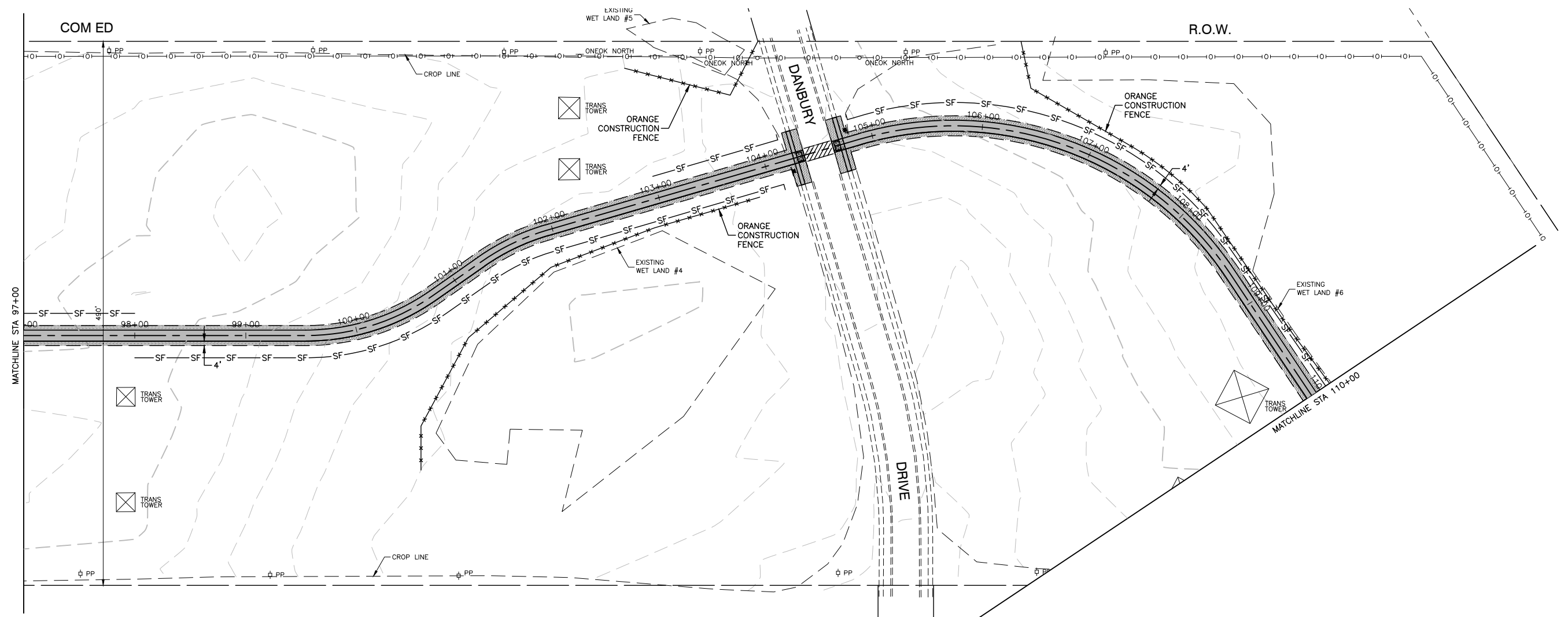
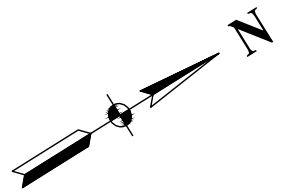
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	CHECKED -- HLG	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMED ROW
COMED MULTI-USE TRAIL
LANDSCAPING & EROSION CONTROL**

SCALE: H 1"=50' V 1"=5' SHEET NO. 34 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	34
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



NOTES

1. ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

LEGEND

- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

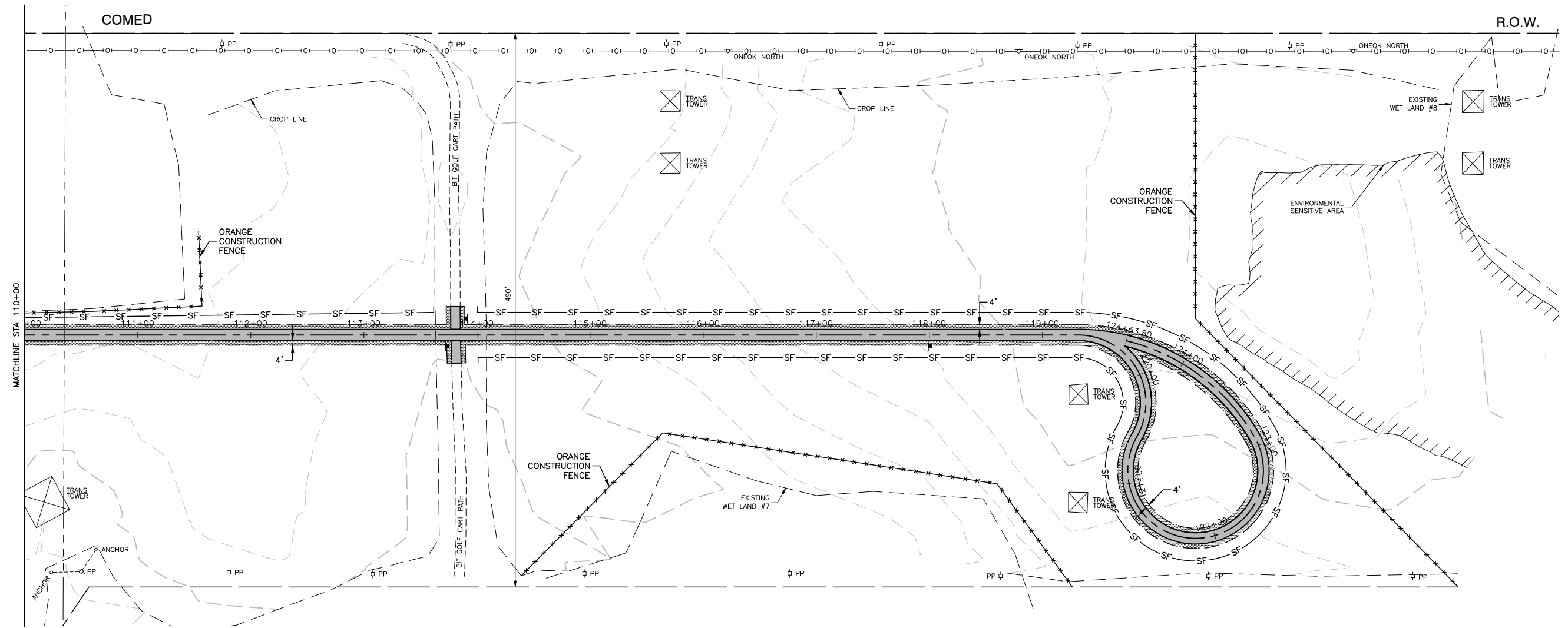
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PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMED ROW COMED MULTI-USE TRAIL LANDSCAPING & EROSION CONTROL	
SCALE: H 1"=50' V 1"=5'	SHEET NO. 35 OF 91 SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	35
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	----	



NOTES

1. ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

LEGEND

- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

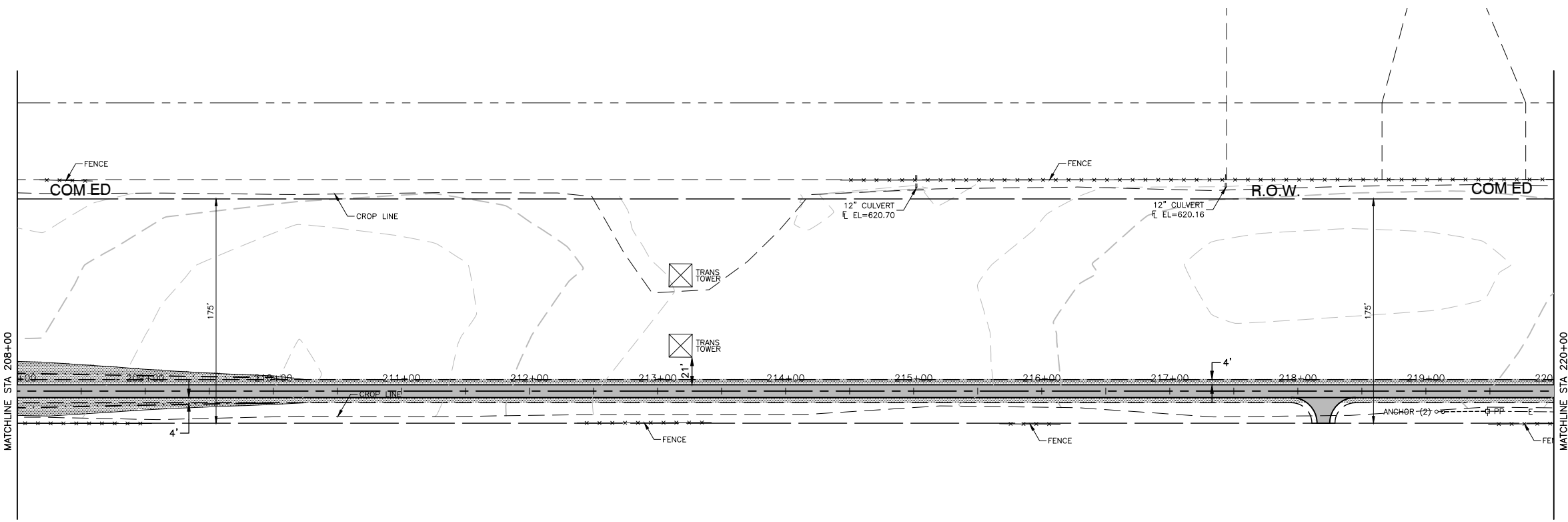
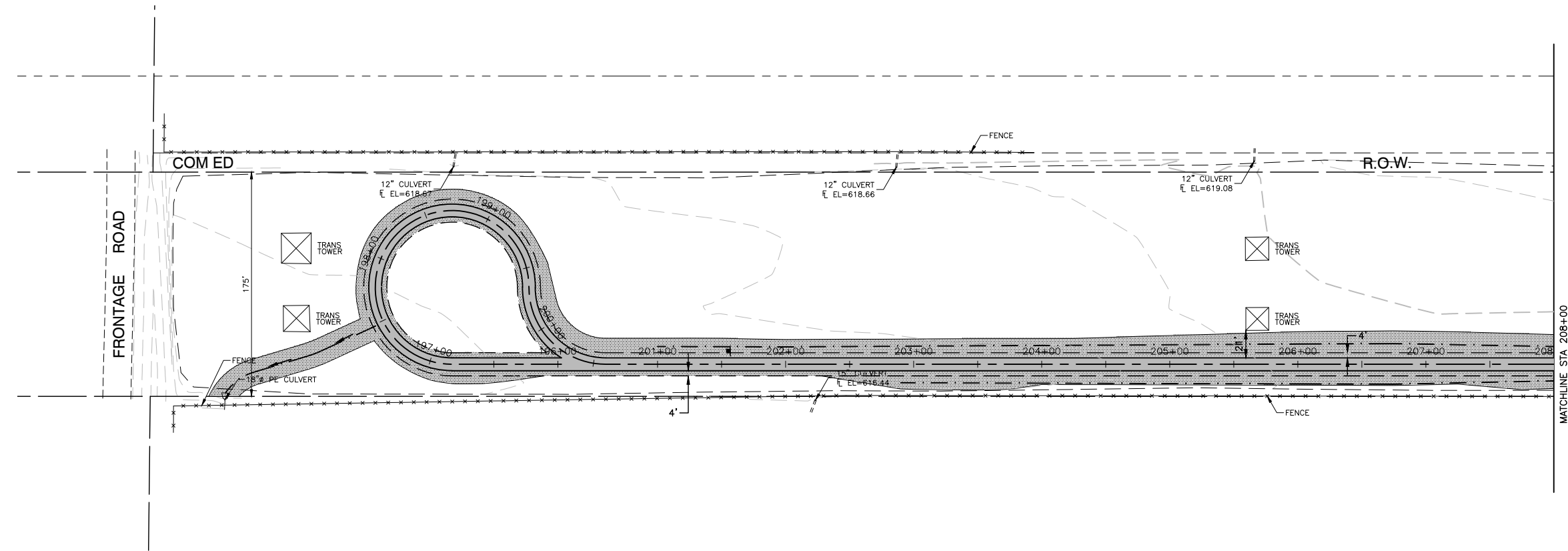
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	CHECKED — HLG	REVISED —
PLOT SCALE =	DRAWN — RG	REVISED —
PLOT DATE = 03-10-20	CHECKED — AG	REVISED —

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMED ROW COMED MULTI-USE TRAIL LANDSCAPING & EROSION CONTROL	
SCALE: H 1"=50' V 1"=5'	SHEET NO. 36 OF 91 SHEETS
STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	36
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



- NOTES**
- ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

- LEGEND**
- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A EROSION CONTROL BLANKET
 - SF PERIMETER EROSION BARRIER

FILE NAME = 15311_02-EROS-01 - PLPR11

USER NAME =	DESIGNED -- JR	REVISED --
	CHECKED -- HLG	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

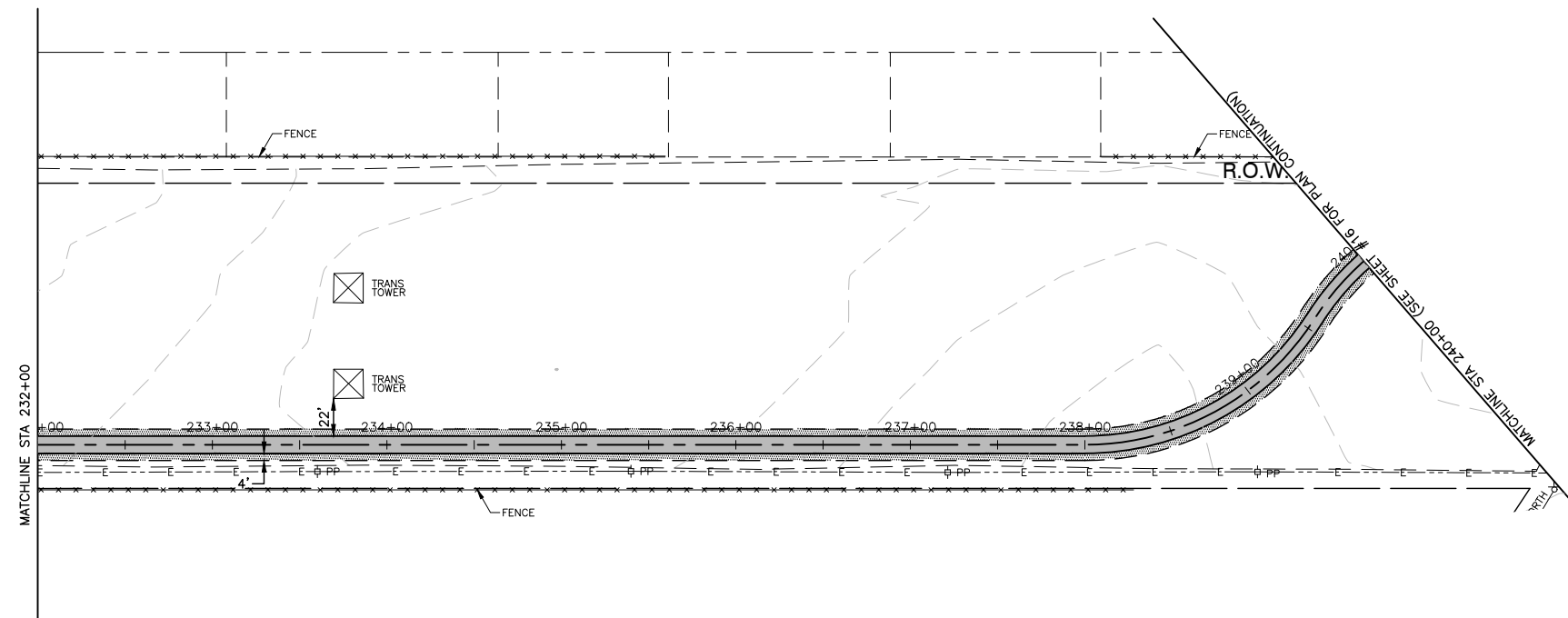
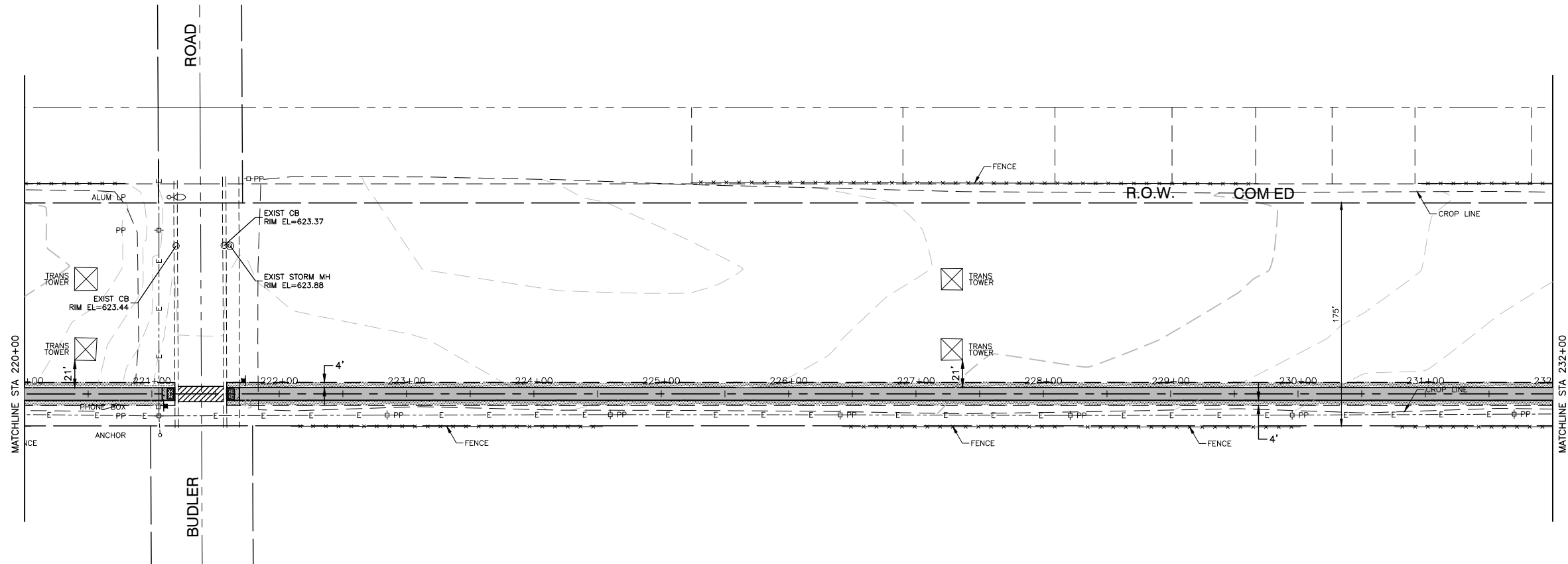
COMED ROW
COMED MULTI-USE TRAIL
LANDSCAPING & EROSION CONTROL

SCALE: H 1"=50' V 1"=5'

SHEET NO. 37 OF 91 SHEETS

STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	15-00063-00-BT	WILL	91	37
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



NOTES

1. ALL COMED ROW SHALL BE RESTORED WITH A PRAIRIE MIX AND ALL VILLAGE PROPERTY SHALL BE RESTORED WITH SEEDING CLASS 2A MIX.

LEGEND

- TOPSOIL FURNISH AND PLACE, 4" PRAIRIE MIX OR SEEDING CLASS 2A
- EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

FILE NAME = 15311_02-EROS-01 - PLPR12

USER NAME =	DESIGNED -- JR	REVISED --
PLOT SCALE =	CHECKED -- HLG	REVISED --
PLOT DATE = 03-10-20	DRAWN -- RG	REVISED --
	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMED ROW
COMED MULTI-USE TRAIL
LANDSCAPING & EROSION CONTROL**

SCALE: H 1"=50' V 1"=5' SHEET NO. 38 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	38
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----			CONTRACT NO. 61G28	

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

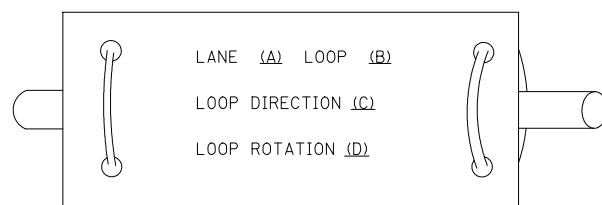
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE			SIGNAL HEAD		
COMMUNICATION CABINET			HANDHOLE -ROUND			-(P) PROGRAMMABLE SIGNAL HEAD		
MASTER CONTROLLER			HEAVY DUTY HANDHOLE -SQUARE			SIGNAL HEAD WITH BACKPLATE		
MASTER MASTER CONTROLLER			HEAVY DUTY HANDHOLE -ROUND			-(P) PROGRAMMABLE SIGNAL HEAD		
UNINTERRUPTABLE POWER SUPPLY			DOUBLE HANDHOLE			-(RB) RETROREFLECTIVE BACKPLATE		
SERVICE INSTALLATION -(P) POLE MOUNTED			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
SERVICE INSTALLATION -(G) GROUND MOUNTED			RAILROAD CANTILEVER MAST ARM			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
-(GM) GROUND MOUNTED METERED			RAILROAD FLASHING SIGNAL			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
TELEPHONE CONNECTION			RAILROAD CROSSING GATE			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CROSSBUCK			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
ALUMINUM MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			COAXIAL CABLE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			VENDOR CABLE		
WOOD POLE			SYSTEM ITEM			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
GUY WIRE			INTERSECTION ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F		
SIGNAL HEAD			REMOVE ITEM			-NO. 62.5/125, MM12F SM12F		
SIGNAL HEAD WITH BACKPLATE			RELOCATE ITEM			-NO. 62.5/125, MM12F SM24F		
SIGNAL HEAD OPTICALLY PROGRAMMED			ABANDON ITEM					
FLASHER INSTALLATION -(FS) SOLAR POWERED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			SIGNAL POST AND FOUNDATION TO BE REMOVED					
RADAR DETECTION SENSOR			DETECTOR LOOP, TYPE I					
VIDEO DETECTION CAMERA			PREFORMED DETECTOR LOOP					
RADAR/VIDEO DETECTION ZONE			SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
CONFIRMATION BEACON			WIRELESS DETECTOR SENSOR					
WIRELESS INTERCONNECT			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT RADIO REPEATER								

TS SHT NO. 1

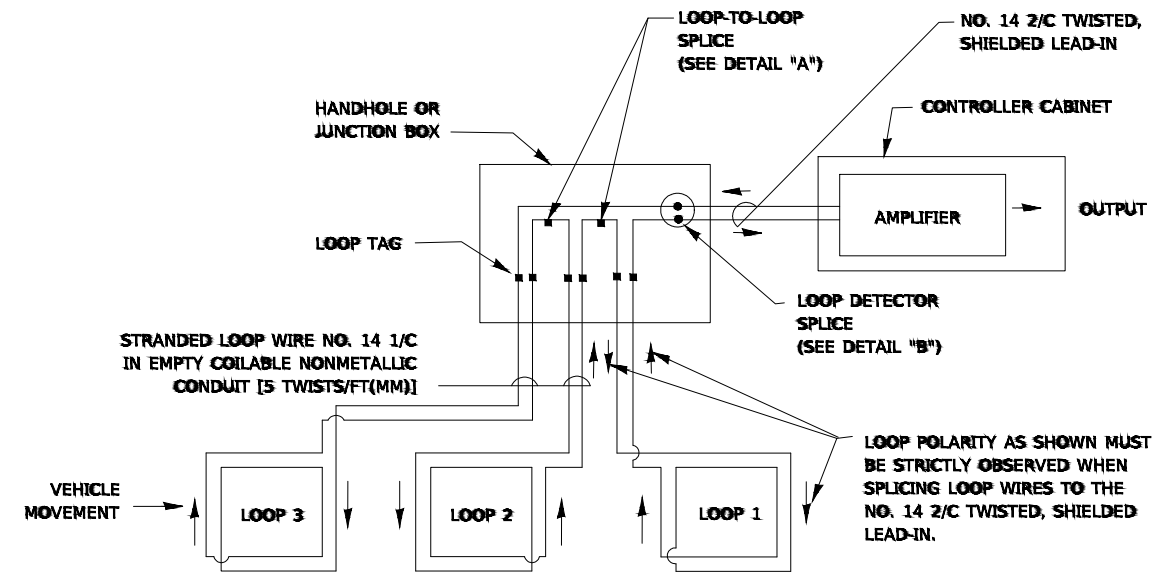
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

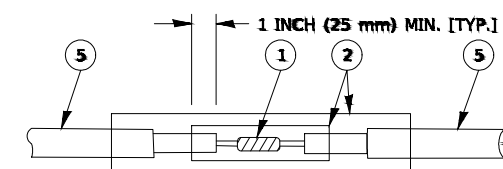


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

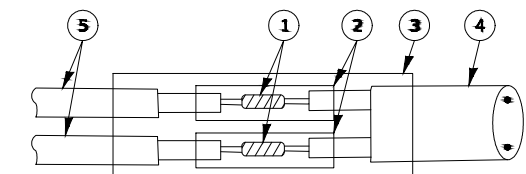


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

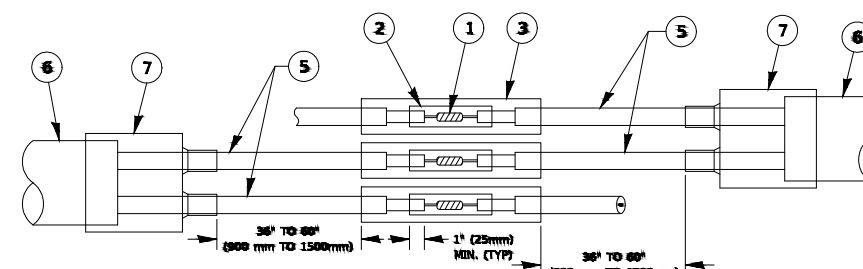


DETAIL "A"
LOOP-TO-LOOP SPLICE

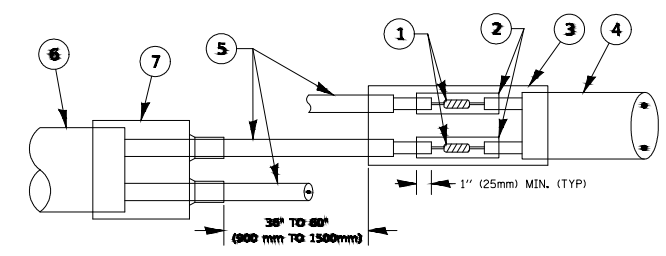


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR
- BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

TS SHT NO. 2

FILE NAME = 15311_02-DTLS-TS05 - P02

USER NAME = [Redacted]	DESIGNED --	REVISED --
	CHECKED --	REVISED --
PLOT SCALE = 50,000 1 / in.	DRAWN --	REVISED --
PLOT DATE = 3/4/2019	CHECKED --	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

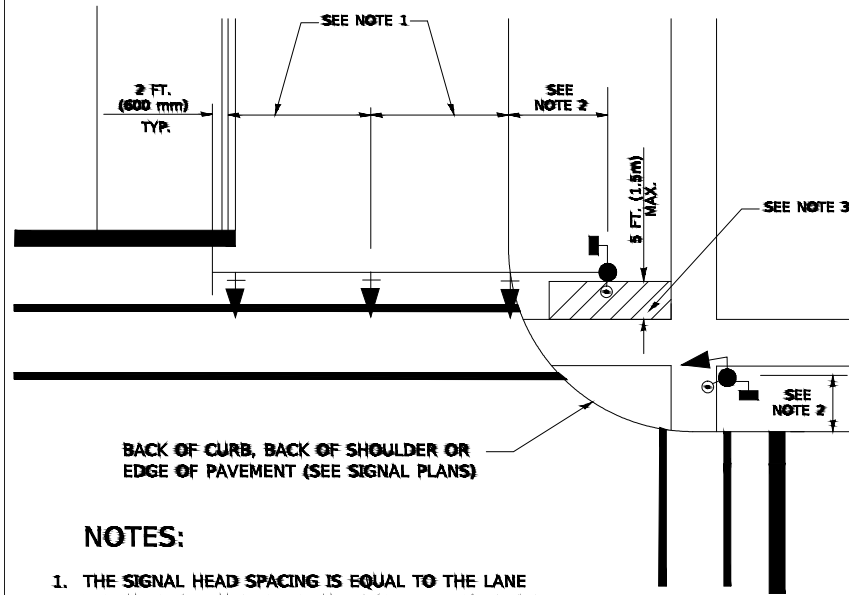
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET NO. 40 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	15-00063-00-BT	WILL	91	40
TS-85			CONTRACT NO. 61G28	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

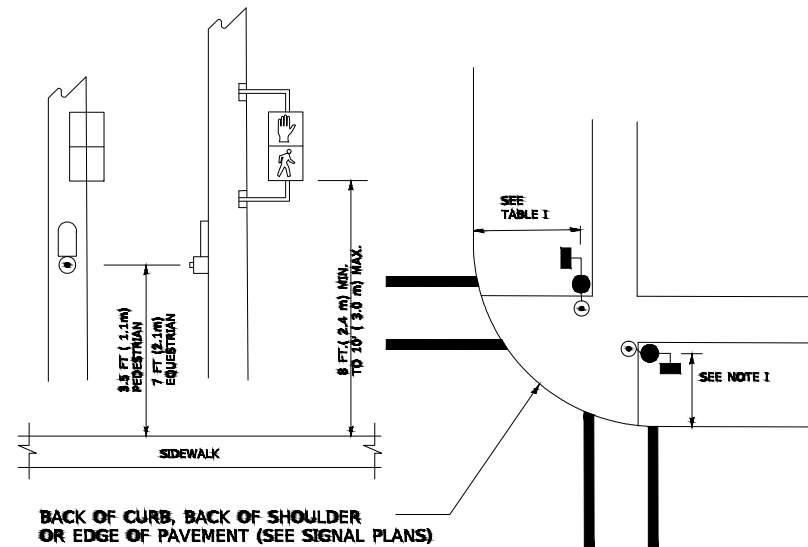
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

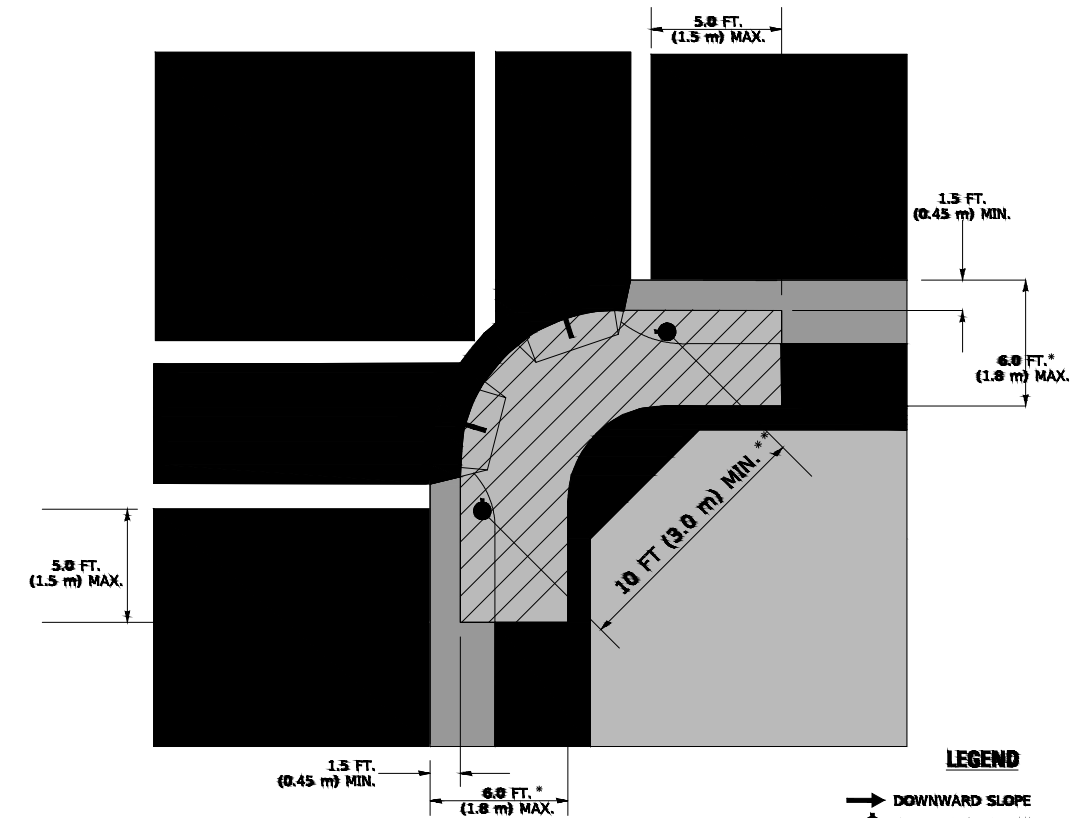
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

TS SHT NO. 3

FILE NAME = 15311_02-DTL-TS05 - P03

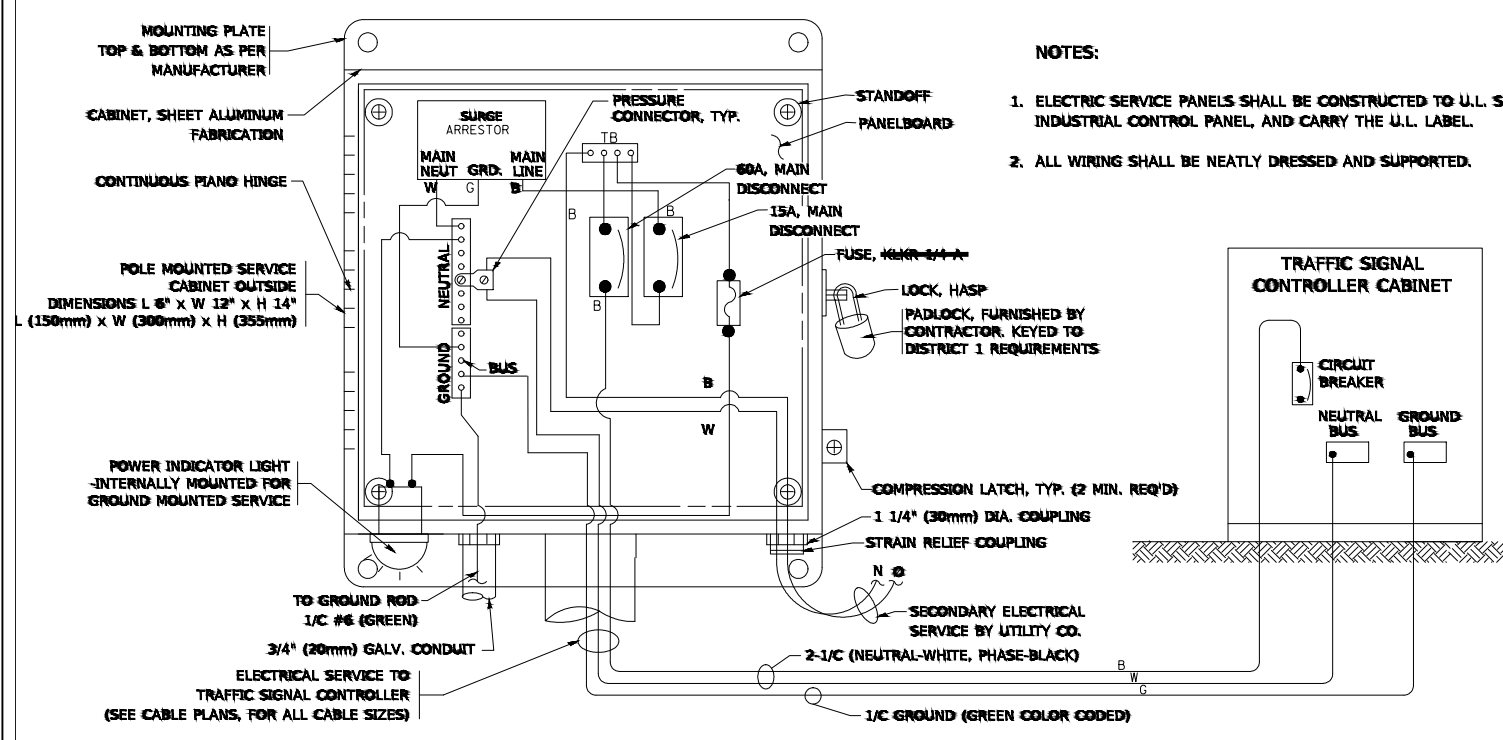
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	CHECKED —	REVISED —
PLOT SCALE = 50,000 1 / in.	DRAWN —	REVISED —
PLOT DATE = 3/4/2019	CHECKED —	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

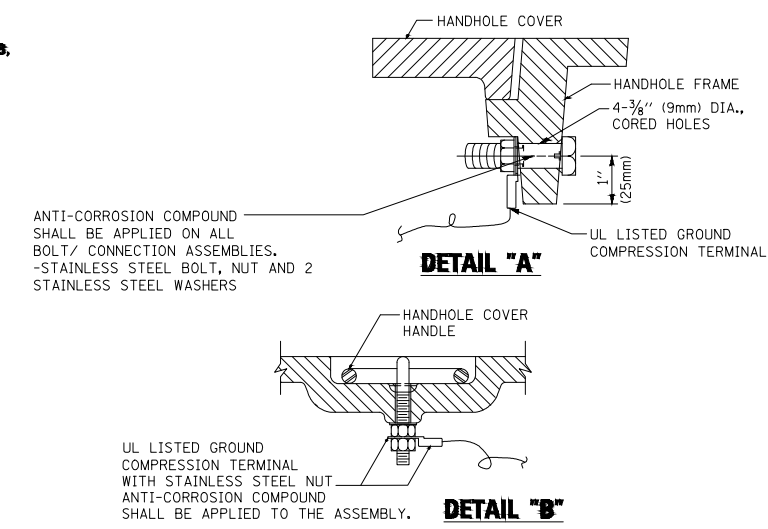
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET NO. 41 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	15-00063-00-BT	WILL	91	41
TS-05		CONTRACT NO. 61G28		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	----	

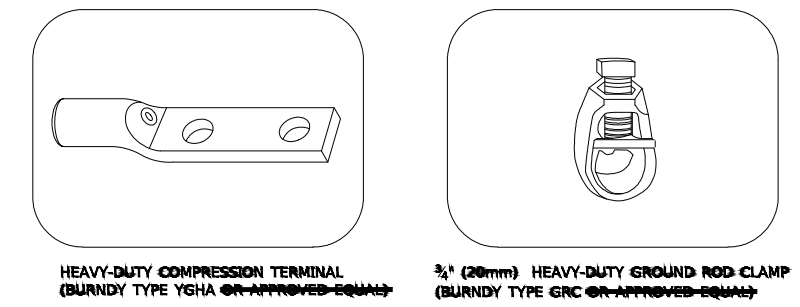
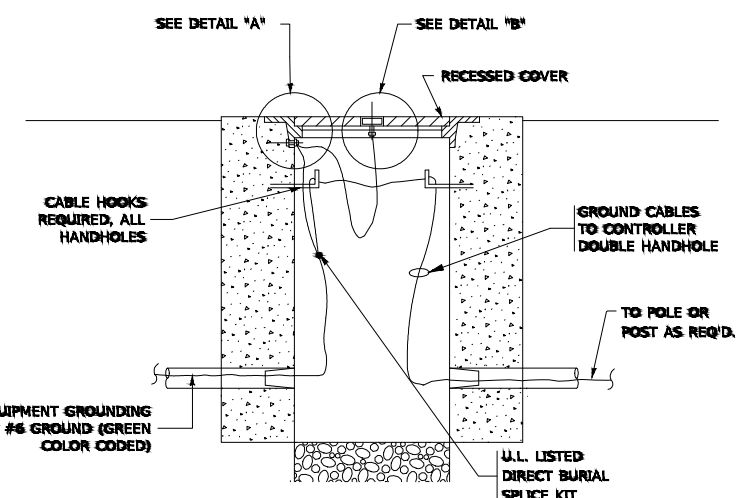


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



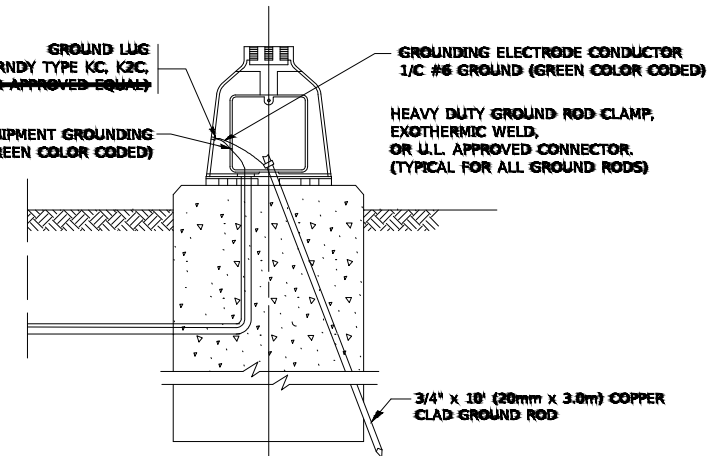
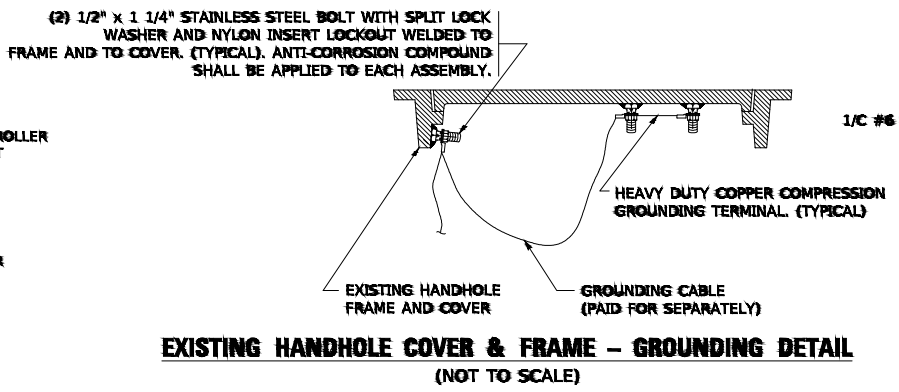
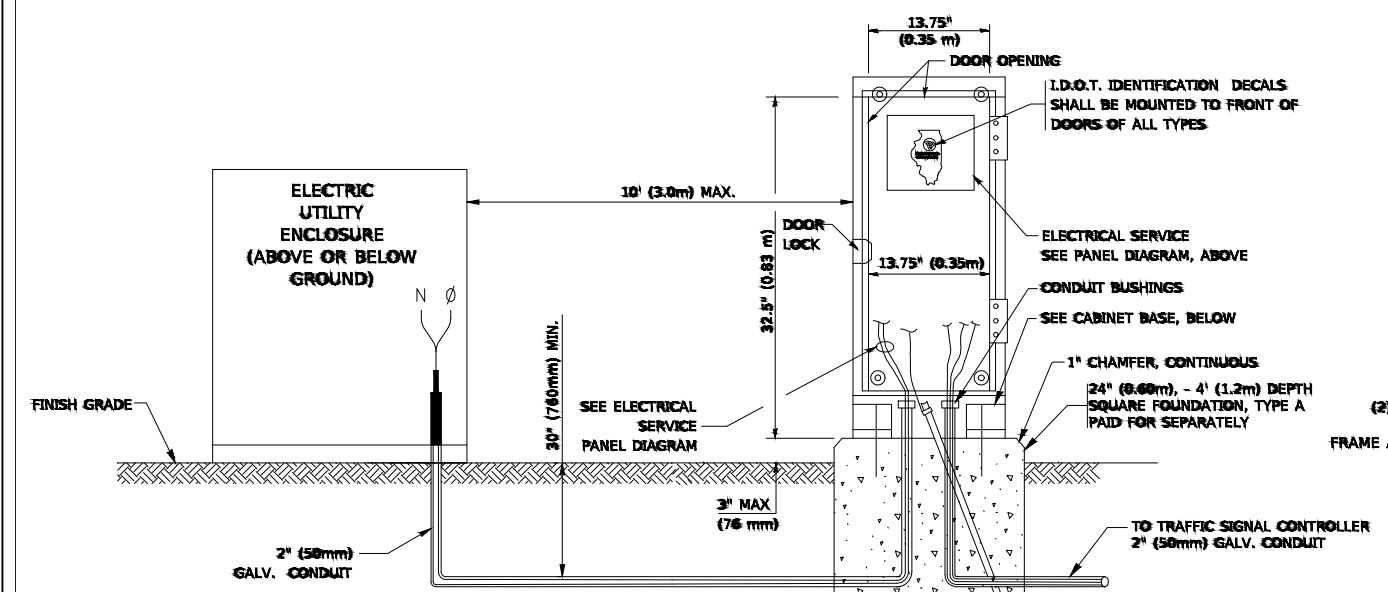
NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



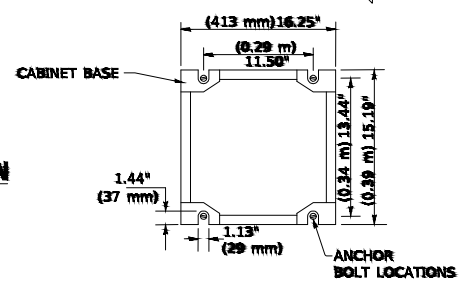
NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
- 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
- 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
- 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

CABINET – BASE BOLT PATTERN
 (NOT TO SCALE)



TS SHT NO. 4

FILE NAME = 15311_02-DTL5-TS05 - P04

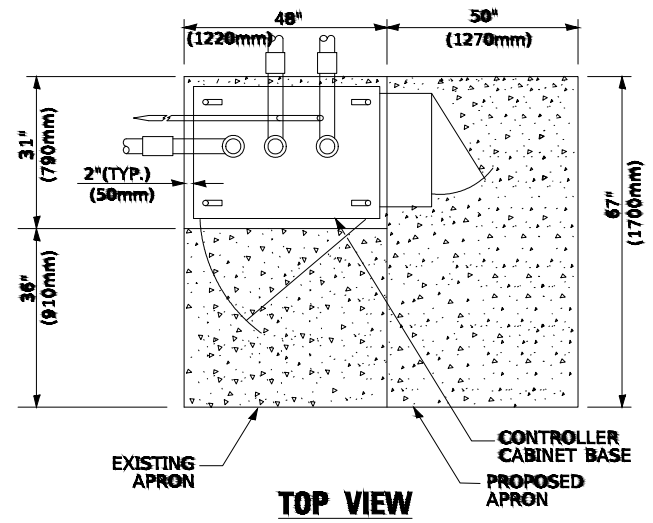
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

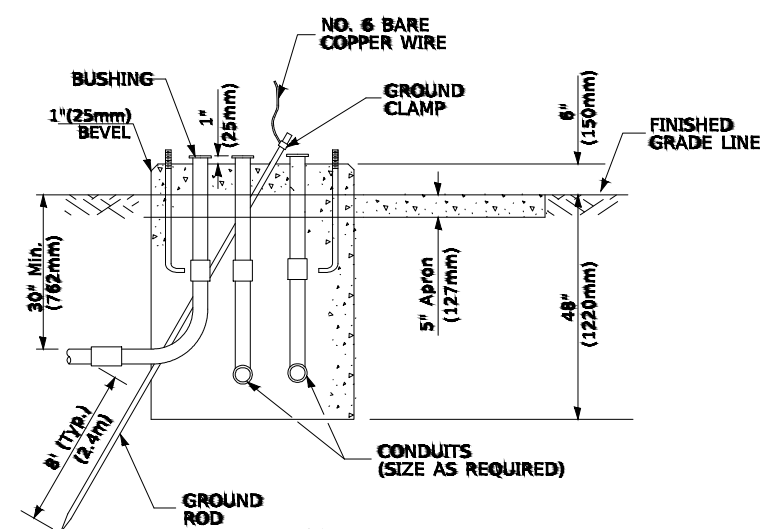
DISTRICT ONE
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05		CONTRACT NO. 61G28		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	----	

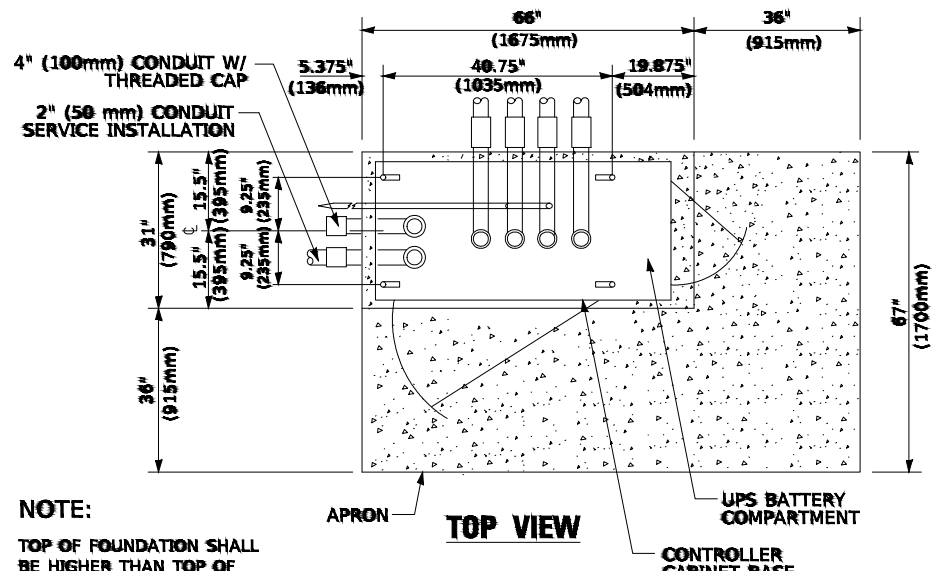
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TOP VIEW

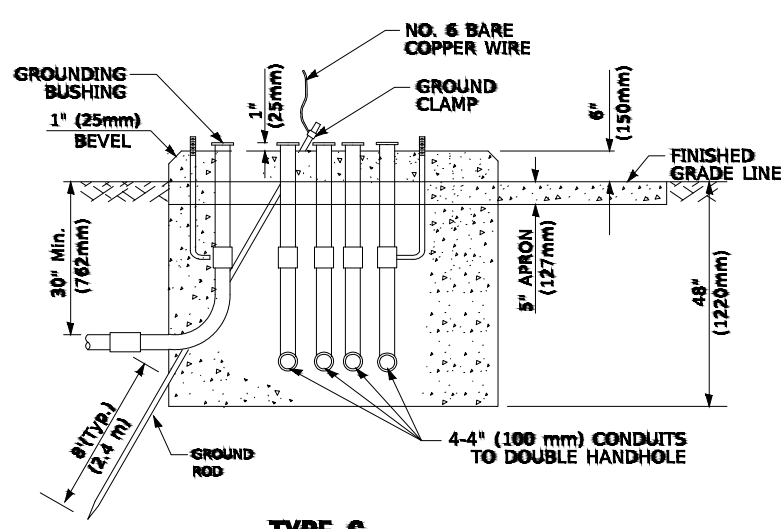


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

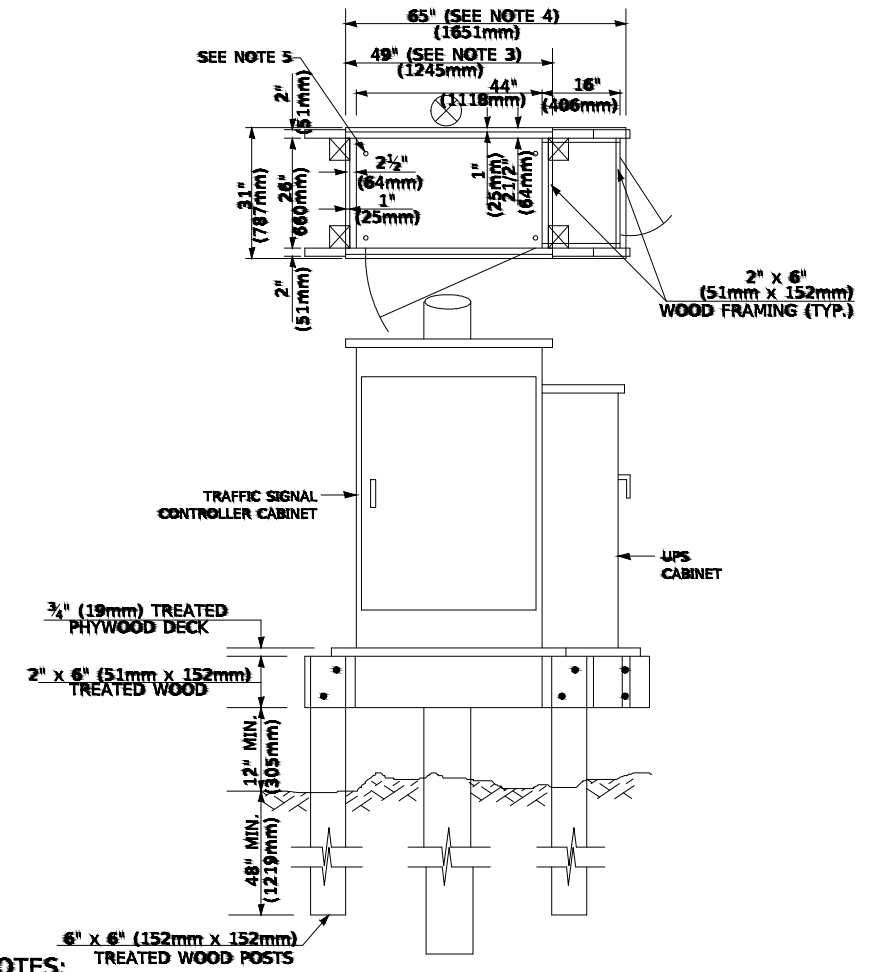


TOP VIEW

NOTE:
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

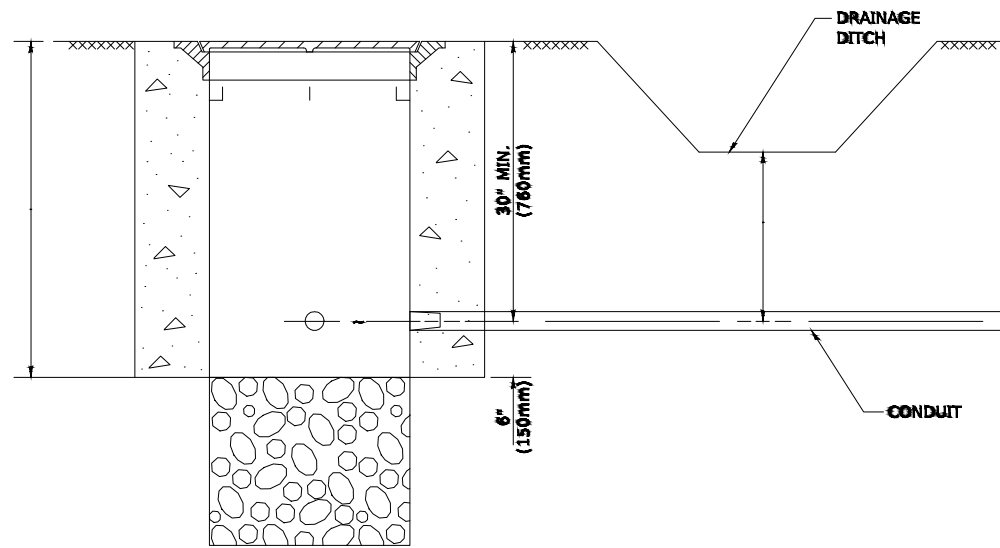
Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

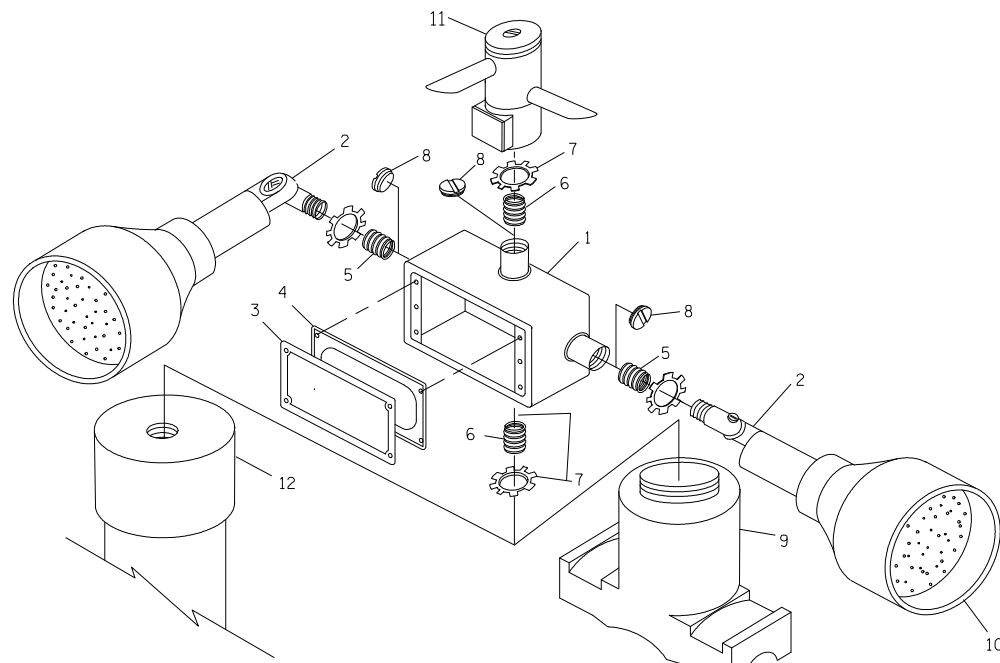
TS SHT NO. 5



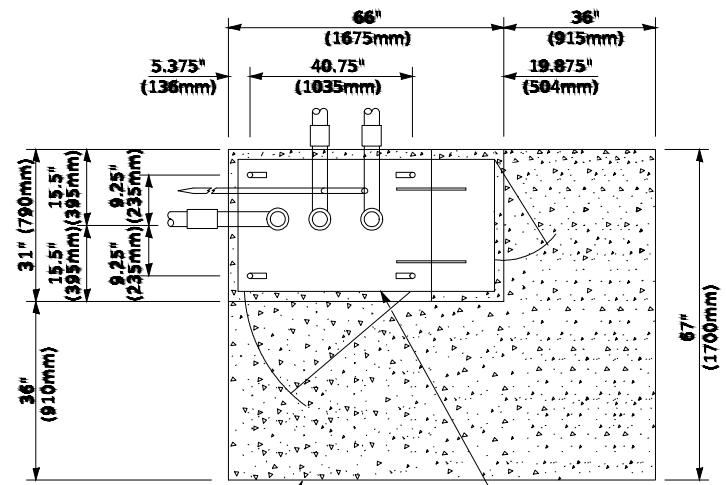
NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

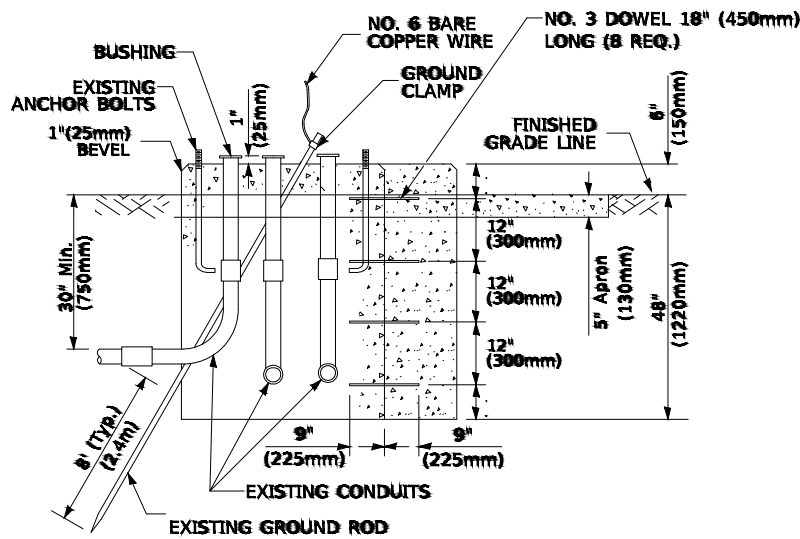
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION
BEACON MOUNTING DETAIL



PROPOSED APRON **TOP VIEW**
(NOT TO SCALE) **CONTROLLER CABINET BASE**

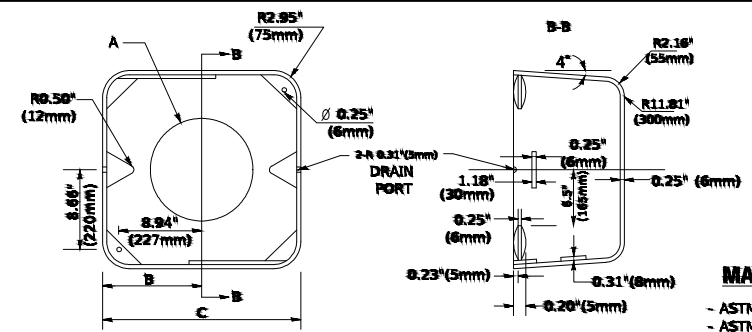


MODIFY EXISTING TYPE "D" FOUNDATION
TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CLIN. (0.000344 CL-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



MATERIAL
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	18.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	61 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

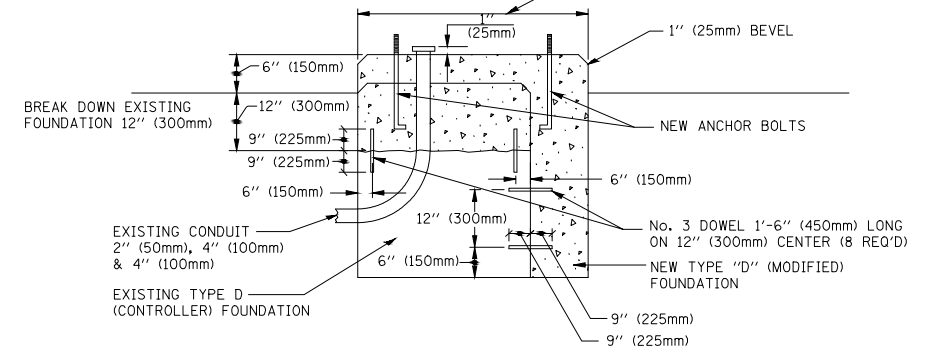
SHROUD

NOTES:

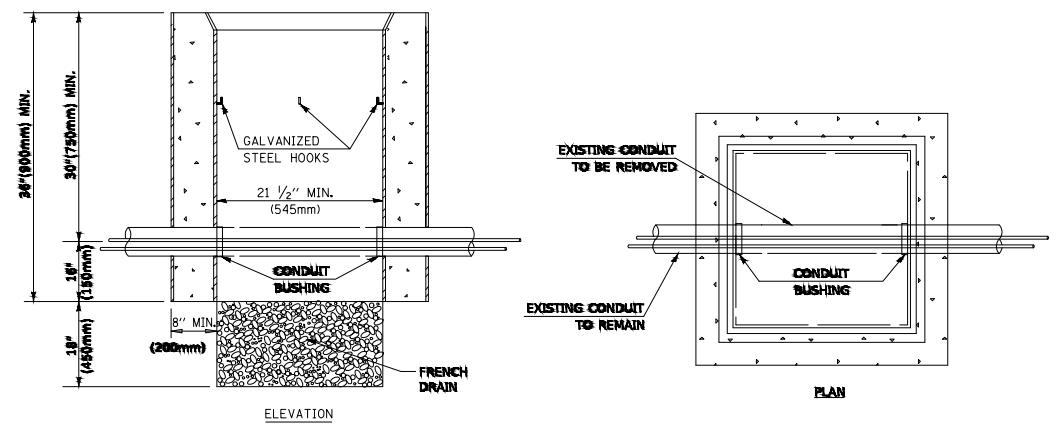
1. DIMENSION 'A' IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION

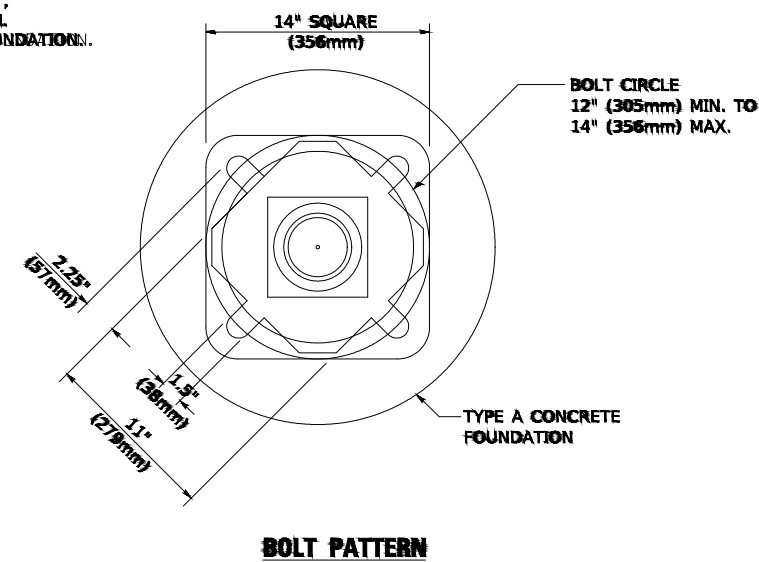
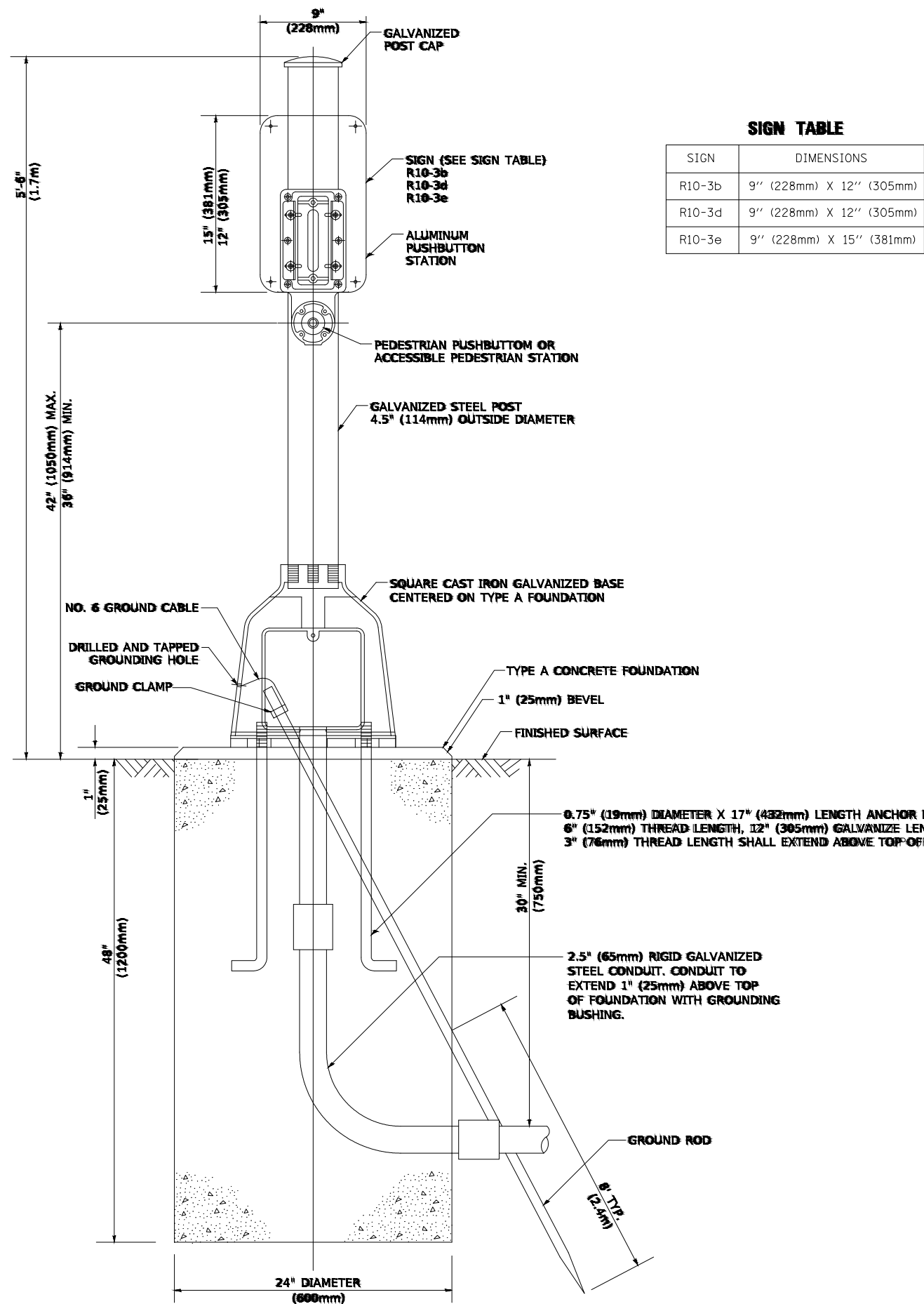


NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

TS SHT NO. 6



PEDESTRIAN PUSH BUTTON POST, TYPE A

FILE NAME = 15311_02-DTLS-TS05 - P07

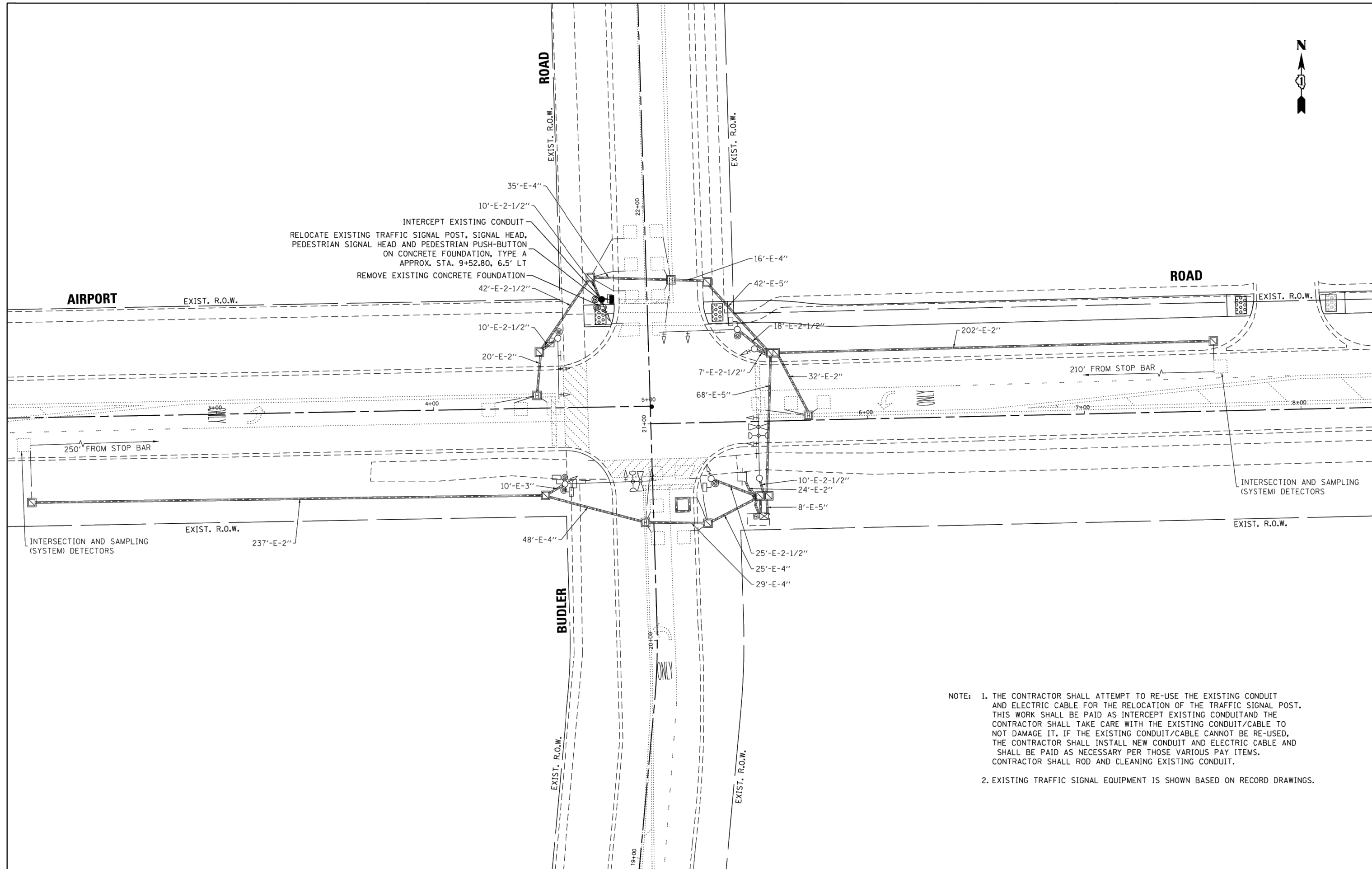
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PLOT DATE = <u>3/4/2019</u>	CHECKED —	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET NO. 45 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	15-00063-00-BT	WILL	91	45
TS-05			CONTRACT NO. 61G28	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



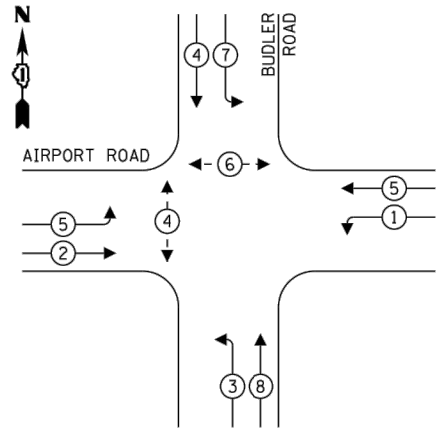
NOTE: 1. THE CONTRACTOR SHALL ATTEMPT TO RE-USE THE EXISTING CONDUIT AND ELECTRIC CABLE FOR THE RELOCATION OF THE TRAFFIC SIGNAL POST. THIS WORK SHALL BE PAID AS INTERCEPT EXISTING CONDUIT AND THE CONTRACTOR SHALL TAKE CARE WITH THE EXISTING CONDUIT/CABLE TO NOT DAMAGE IT. IF THE EXISTING CONDUIT/CABLE CANNOT BE RE-USED, THE CONTRACTOR SHALL INSTALL NEW CONDUIT AND ELECTRIC CABLE AND SHALL BE PAID AS NECESSARY PER THOSE VARIOUS PAY ITEMS. CONTRACTOR SHALL ROD AND CLEANING EXISTING CONDUIT.

2. EXISTING TRAFFIC SIGNAL EQUIPMENT IS SHOWN BASED ON RECORD DRAWINGS.

TS SHT NO. 8

FILE NAME = Pa\2015\15-311_02\02\15311_02-SGNL-01.dwg	USER NAME = mdowns	DESIGNED - JDH	REVISED - -----	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL TRAFFIC SIGNAL INSTALLATION PLAN	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT DATE = 11/19/2019	DATE - 03-10-20	REVISED - -----			CONTRACT NO.				
						SCALE: 1"=20'	SHEET 46 OF 91 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

EXISTING CONTROLLER SEQUENCE



LEGEND:

- ← ⊙ ← PROTECTED PHASE
- ← ⊙ - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	10
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	247
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	247
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	240
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	213
CONCRETE FOUNDATION, TYPE A	FOOT	4
RELOCATE EXISTING SIGNAL HEAD	EACH	1
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	958
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1
ROD AND CLEAN EXISTING CONDUIT	FOOT	10
INTERCEPT EXISTING CONDUIT	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

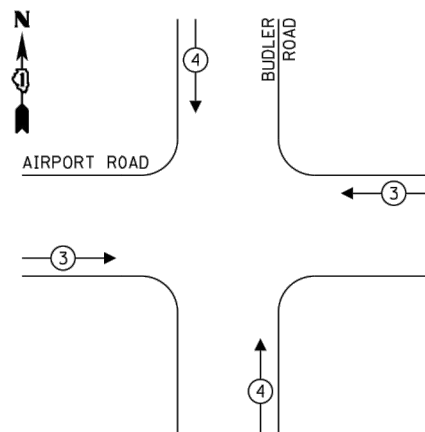
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12	135	17	50	102.0
(YELLOW)	12	135	25	25	75.0
(GREEN)	12	135	15	25	45.0
PERMISSIVE ARROW	16	135	12	10	19.2
PED. SIGNAL	6	90	25	100	200.0
CONTROLLER	1	100	100	100	100.0
ILLUM. SIGN	-	84	-	5	-
FLASHER	-	-	-	50	-
				TOTAL =	492

ENERGY COSTS TO:

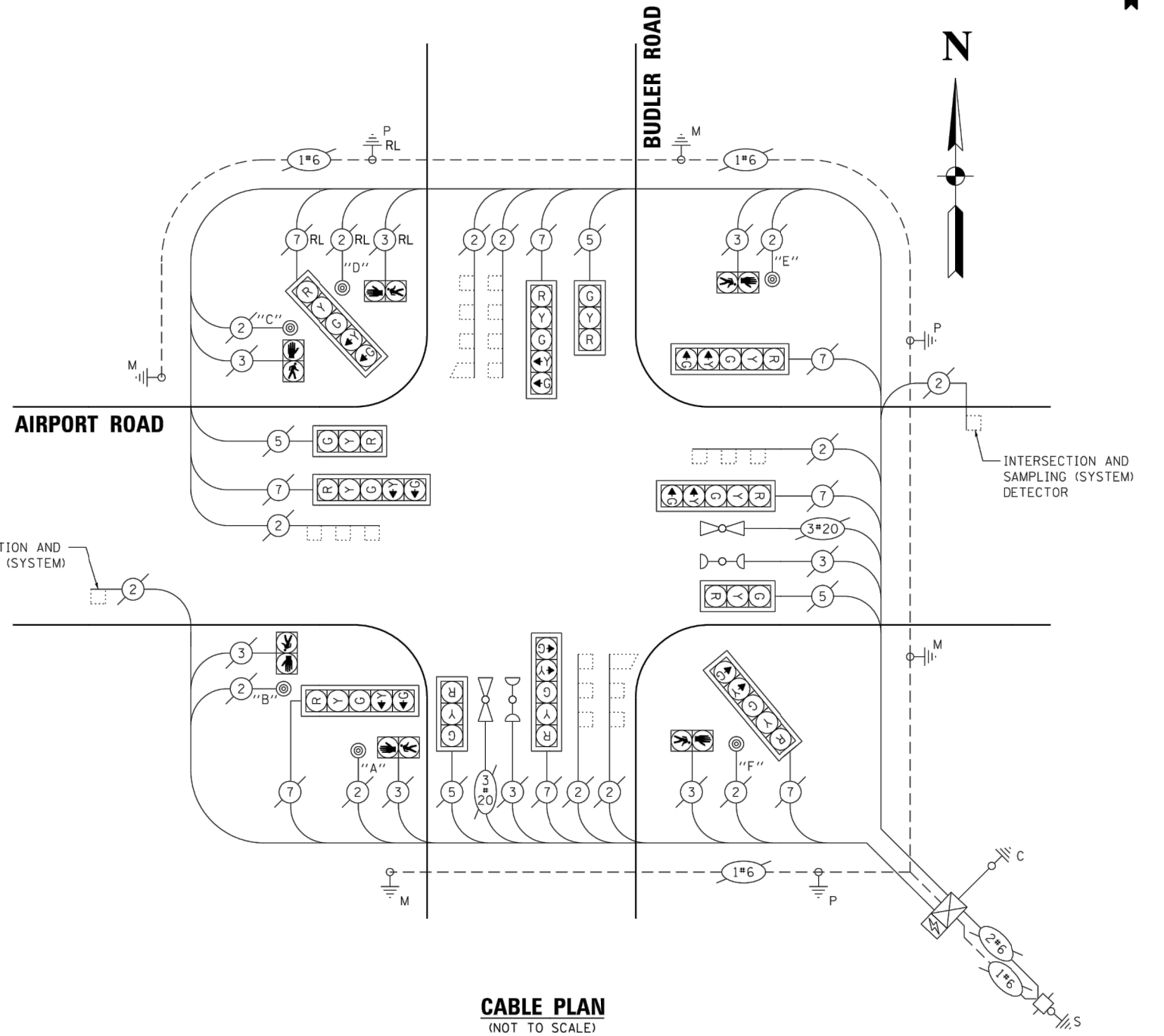
VILLAGE OF ROMEOVILLE
1050 WEST ROMEO ROAD
ROMEOVILLE, IL 60446

ENERGY SUPPLY: CONTACT: COM-ED BUSINESS DEPARTMENT
PHONE: 866-639-3532
COMPANY: COMMONWEALTH EDISON COMPANY
ACCOUNT NUMBER: ---

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



PUSH BUTTONS "A" & "F" SHALL PLACE A CALL IN PHASE 2
PUSH BUTTONS "B" & "C" SHALL PLACE A CALL IN PHASE 4
PUSH BUTTONS "D" & "E" SHALL PLACE A CALL IN PHASE 6



CABLE PLAN
(NOT TO SCALE)

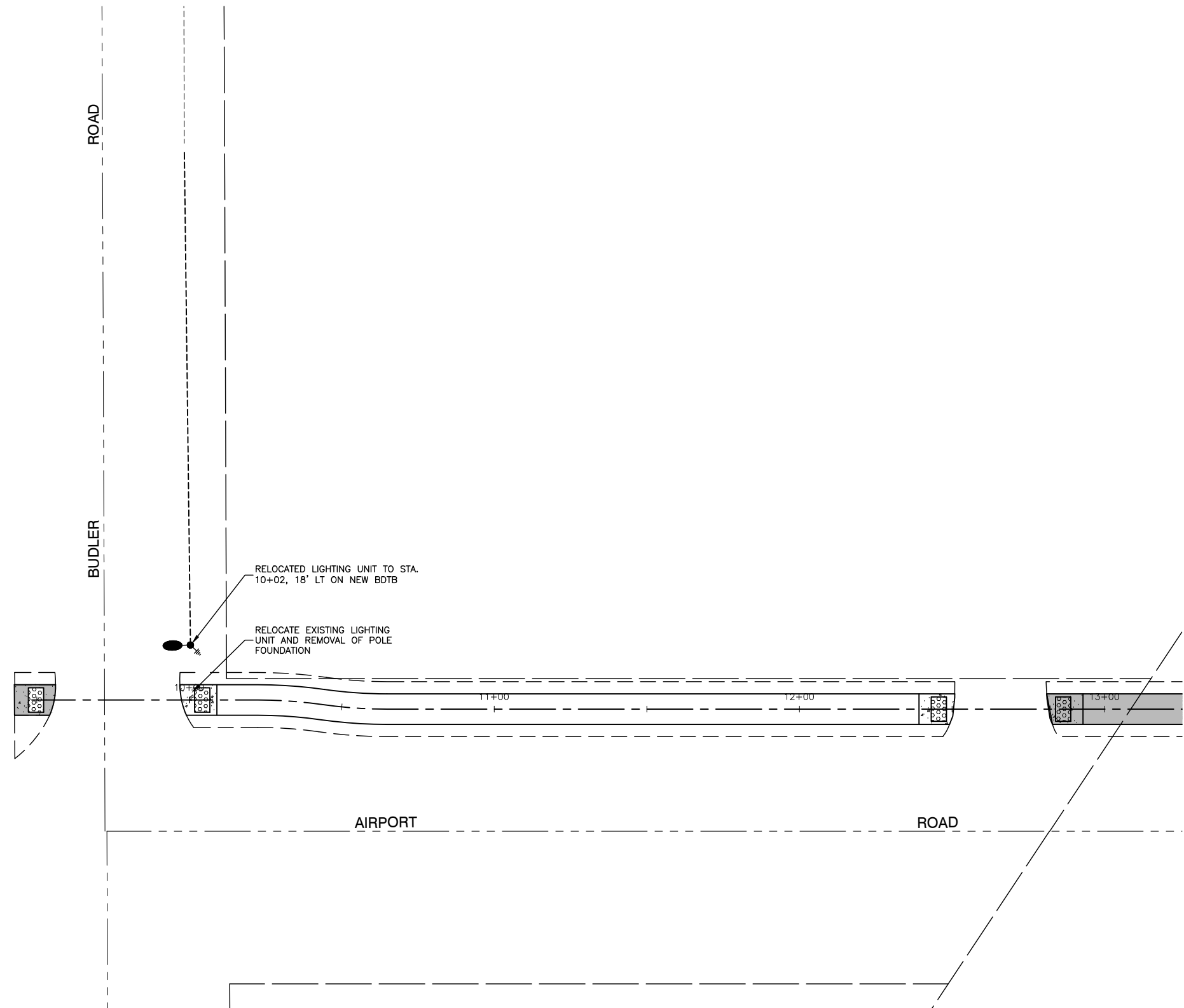
TS SHT NO. 8

FILE NAME =	USER NAME = mdowns	DESIGNED - JR	REVISED - -----
Pa\2015\15-311.02\DCN\15311.02-CABL-01.dgn		DRAWN - KWM	REVISED - -----
Default	PLOT SCALE = 20.0000' / 1"	CHECKED - HG	REVISED - -----
	PLOT DATE = 11/19/2019	DATE - 03-10-20	REVISED - -----

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW
COMED MULTI-USE TRAIL
CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EVP SEQUENCE
SCALE: _____ SHEET 47 OF 91 SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	91	47
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



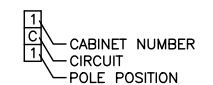
NOMINAL WATTAGE	FUSE SIZE
250	3.0 AMP

LUMINAIRE FUSE SIZE TABLE

LEGEND:

- EXISTING STREET LIGHT
- RELOCATED STREET LIGHT
- UNIT DUCT, 600V, 3-1/C, NO.6 AWG AND NO.6 GROUND, (XLP-TYPE USE), IN 1-1/4" DIA. POLYETHYLENE
- LT LEFT
- RT RIGHT
- MH MOUNTING HEIGHT
- MA MAST ARM
- B/C BACK OF CURB
- BDTB BREAKAWAY DEVICE, TRANSFORMER BASE, 15" BOLT CIRCLE

POLE IDENTIFICATION



NOTES

- CONNECTION TO EXISTING LIGHTS SHALL BE ACCOMPLISHED BY PROVIDING NEW FUSE KITS AND SPLICES PER THE LIGHTING DETAILS. THE COST OF CONNECTING TO THE EXISTING LIGHTS, INCLUDING ALL MATERIALS REQUIRED, SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE UNIT PRICES BID FOR THE VARIOUS LIGHTING ITEMS IN THE CONTRACT.
- CONTRACTOR SHALL ATTEMPT TO REUSE EXISTING UNIT DUCT. THIS WORK SHALL BE INCLUDED IN THE RELOCATE EXISTING LIGHTING UNIT PAY ITEM. IF THE EXISTING UNIT DUCT CANNOT BE USED, THE CONTRACTOR SHALL INSTALL NEW UNIT DUCT, WHICH SHALL BE PAID FOR AS THE APPROPRIATE PAY ITEMS.

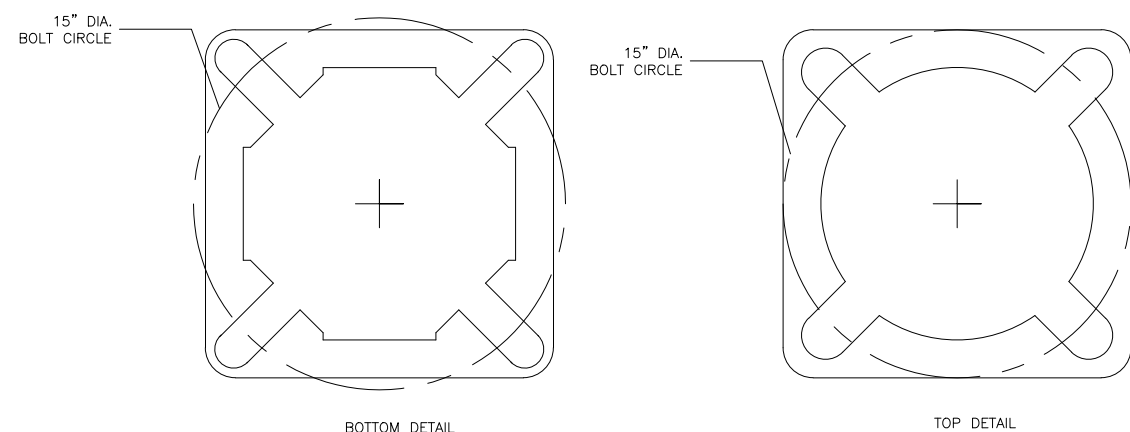
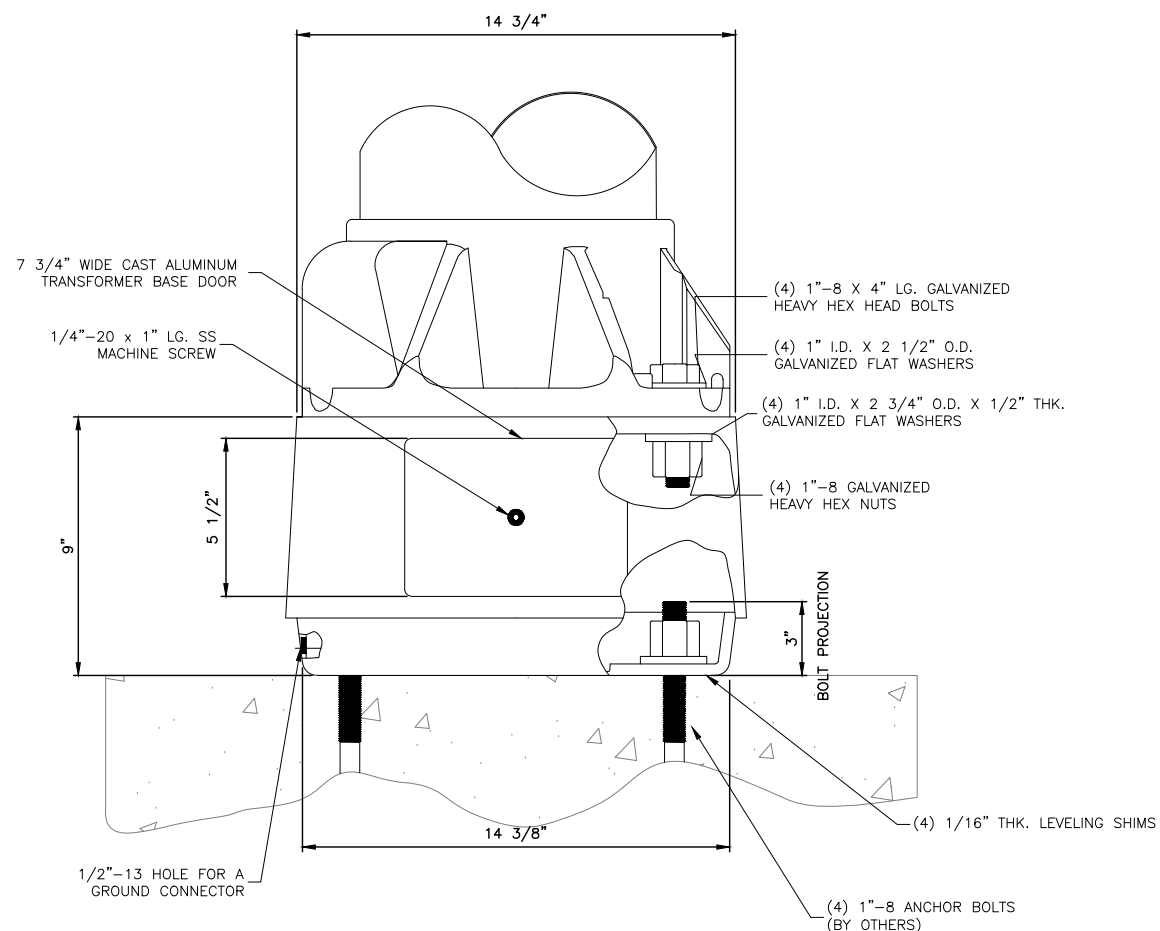
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		CHECKED -- HLG	REVISED --
	PLOT SCALE =	DRAWN -- RG	REVISED --
	PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

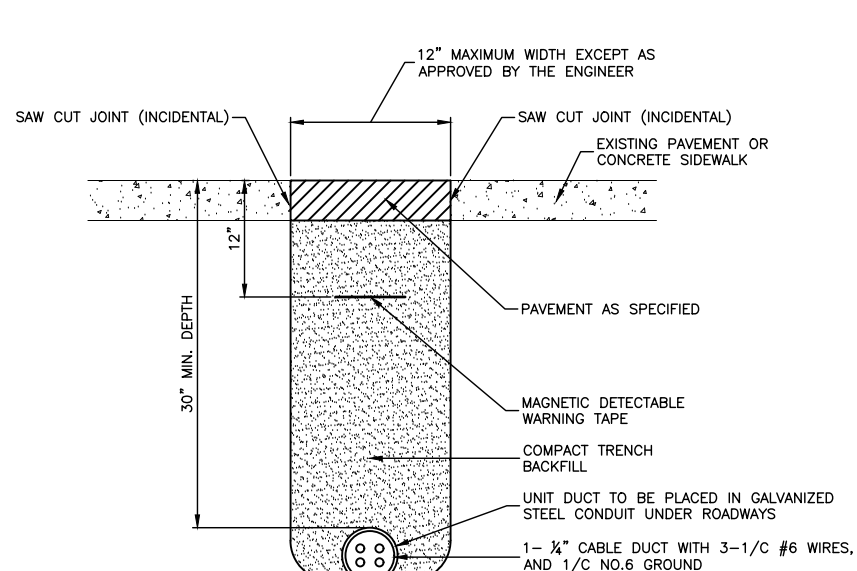
COMED ROW COMED MULTI-USE TRAIL LIGHTING PLAN	
SCALE: H 1"=50' V 1"=5'	SHEET NO. 48 OF 91 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	48
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

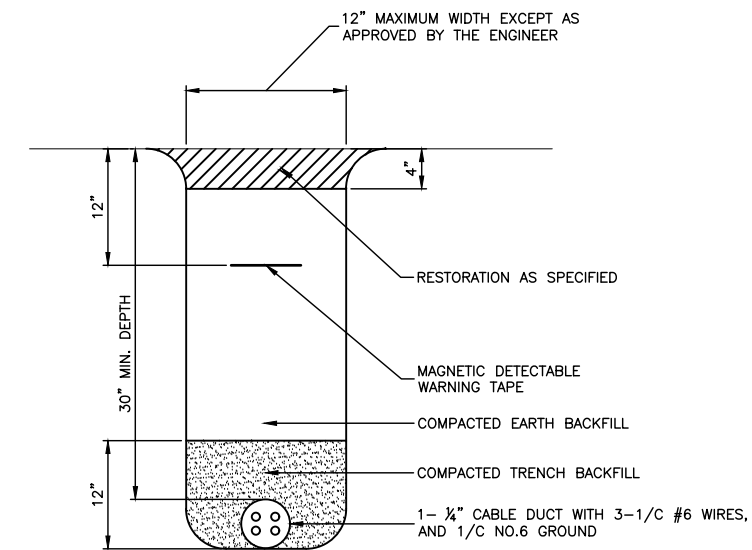
IMPORTANT NOTE:
 TRANSFORMER BASE AND LIGHTPOLE
 TO BE LEVELED AS ONE UNIT. USING
 LEVELING SHIMS IF REQUIRED.



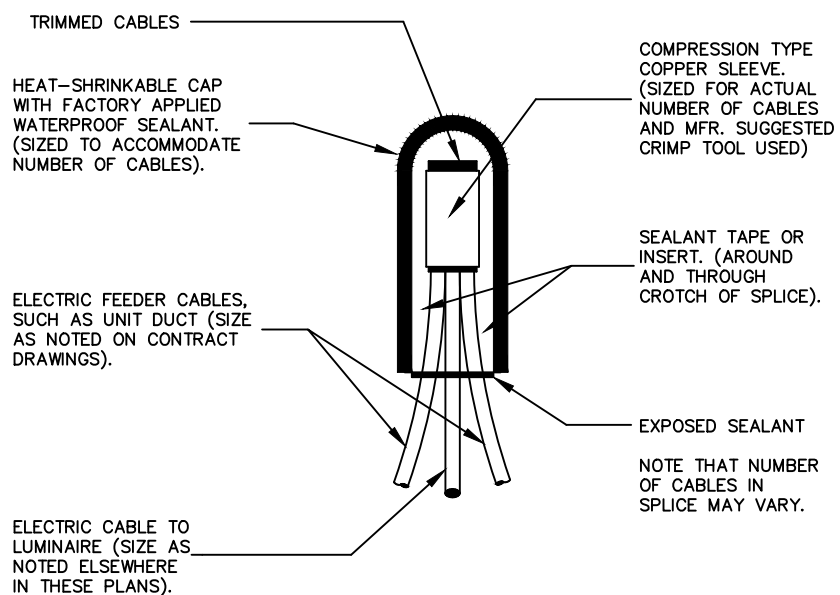
LOW PROFILE TRANSFORMER BASE, 15" BOLT CIRCLE



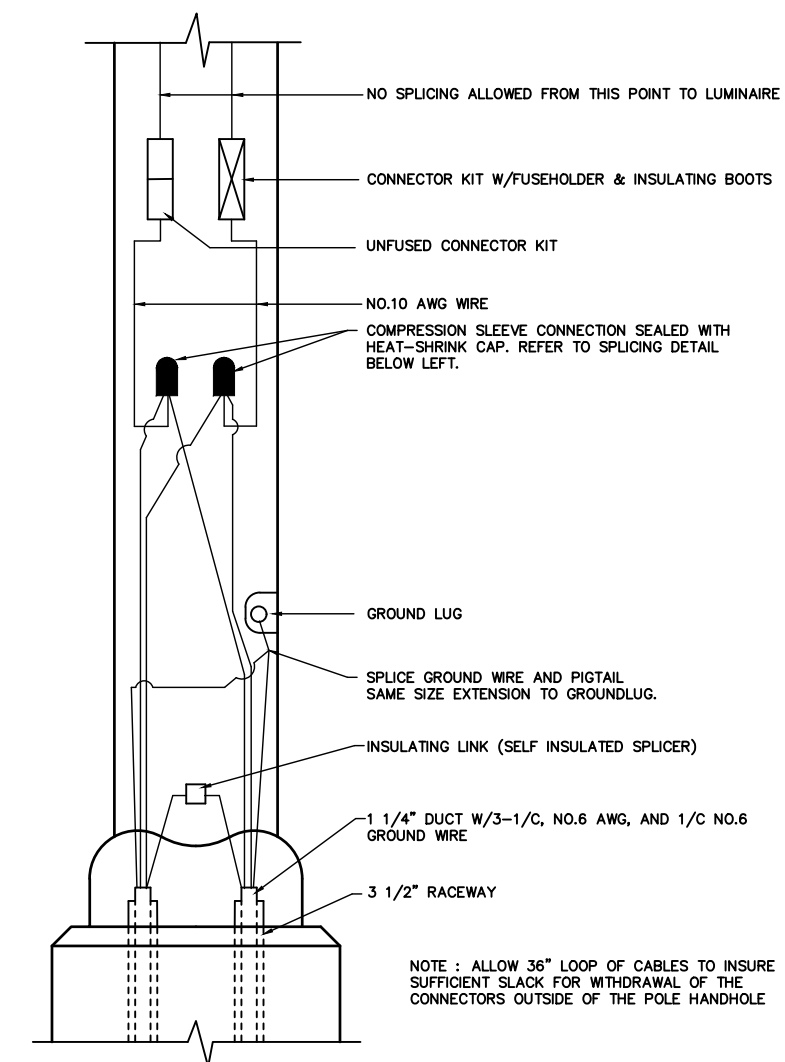
TRENCH DETAIL - PAVED AREAS



TRENCH DETAIL - UNPAVED AREAS



**SPLICING ELECTRIC CABLES
 BASIC MATERIALS AND METHODS**

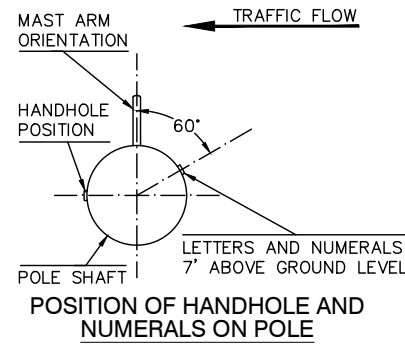


**POLE HANDHOLE WIRING DIAGRAM
 (TYPICAL FOR SINGLE LUMINAIRE INSTALLATION)**

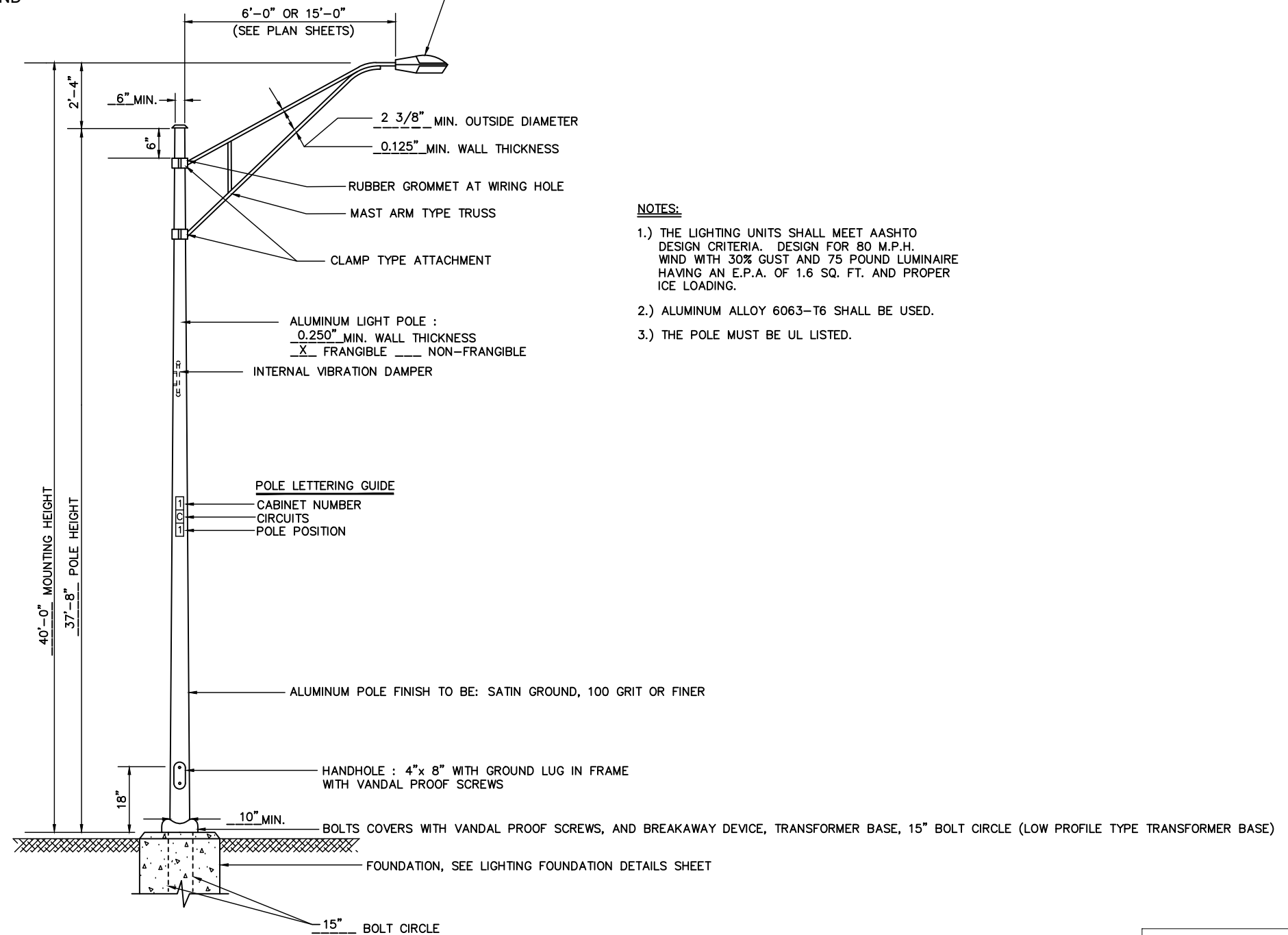
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		CHECKED -- HLG	REVISED --
	PLOT SCALE =	DRAWN -- KM	REVISED --
	PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW COMED MULTI-USE TRAIL LIGHTING DETAILS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE		---	15-00063-00-BT	WILL	91	49
SHEET NO. 49 OF 91 SHEETS	STA. TO STA.	CONTRACT NO. 61G28				
		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	---	



LUMINAIRE:
250 WATT HIGH PRESSURE SODIUM LAMP
240 VOLT BALLAST
 I.E.S. TYPE MC III LIGHT DISTRIBUTION
 LENS TYPE: X FLAT OR BUBBLE
 INITIAL LAMP LUMENS: 28,000
 LAMP LIFE : 24,000 HOURS



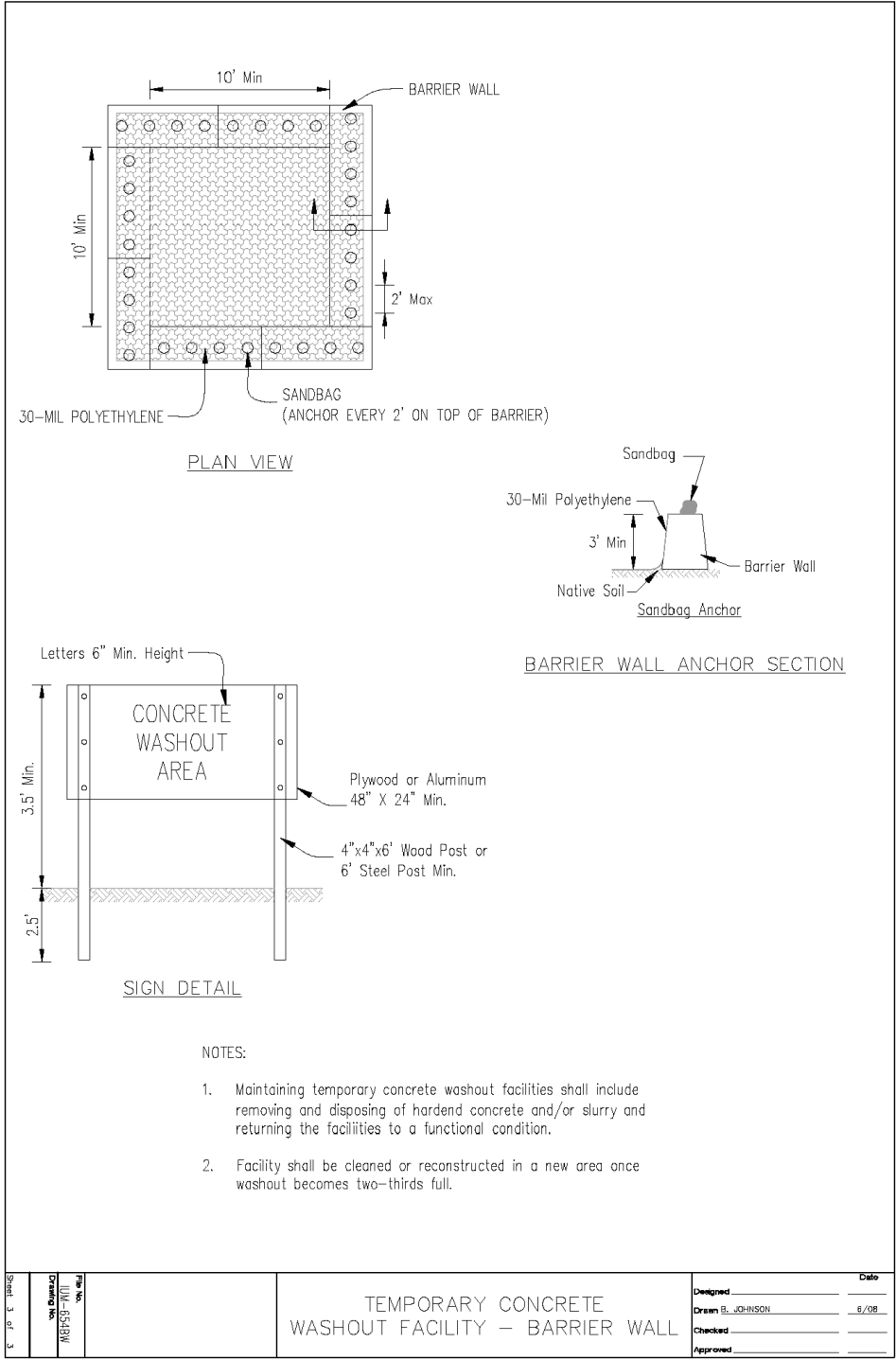
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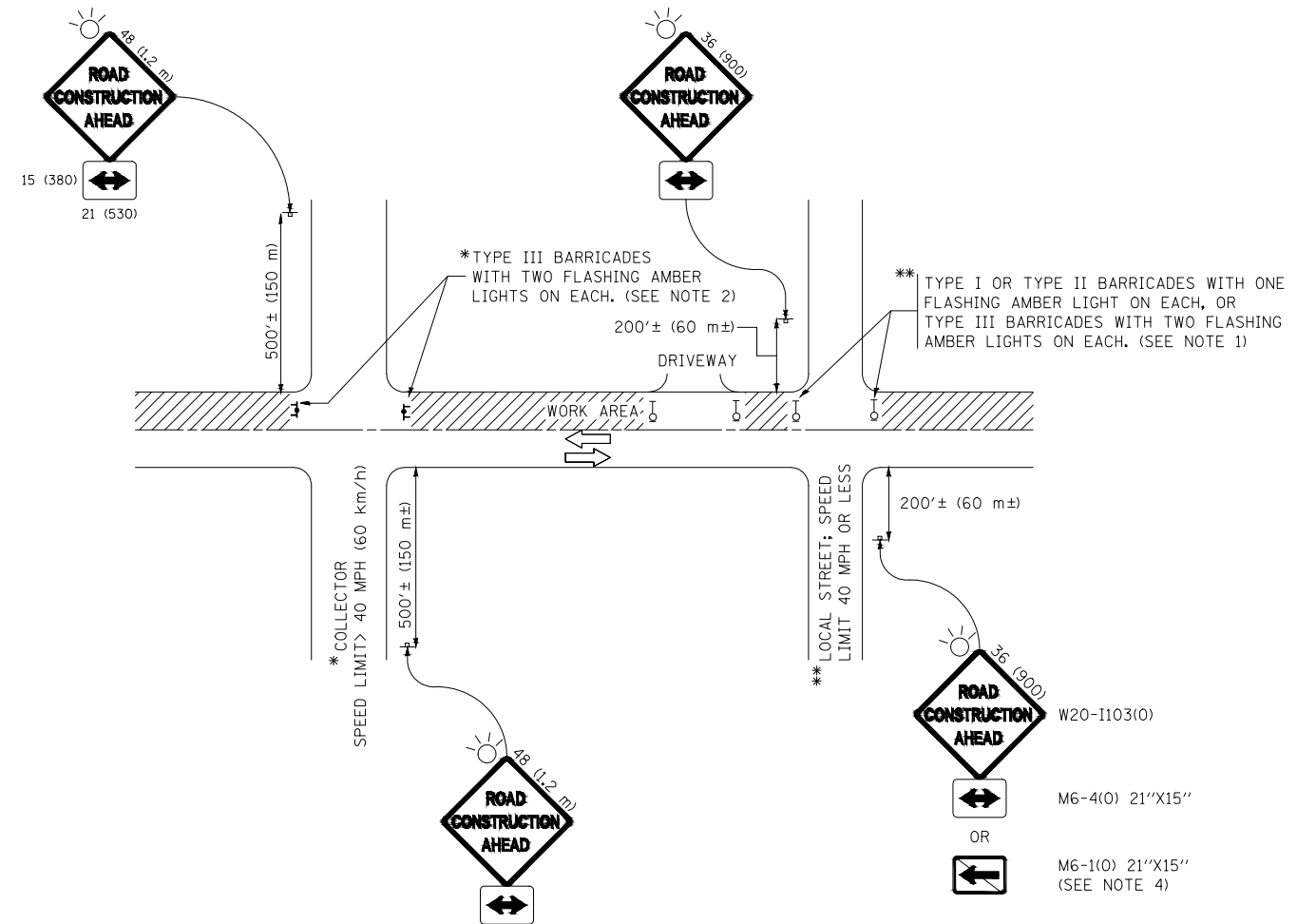
- 1.) THE LIGHTING UNITS SHALL MEET AASHTO DESIGN CRITERIA. DESIGN FOR 80 M.P.H. WIND WITH 30% GUST AND 75 POUND LUMINAIRE HAVING AN E.P.A. OF 1.6 SQ. FT. AND PROPER ICE LOADING.
- 2.) ALUMINUM ALLOY 6063-T6 SHALL BE USED.
- 3.) THE POLE MUST BE UL LISTED.

TYPICAL POLE INSTALLATION

FOR REFERENCE ONLY

FILE NAME = 15311_02-DTLS-03-LGHT - P02	USER NAME =	DESIGNED -- JR	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMED ROW COMED MULTI-USE TRAIL LIGHTING DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -- HLG	REVISED --		SCALE: NONE	SHEET NO. 50 OF 91 SHEETS	STA.	TO STA.	15-00063-00-BT	WILL	91	50
	PLOT SCALE =	DRAWN -- KM	REVISED --					CONTRACT NO. 61G28				
	PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				





NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

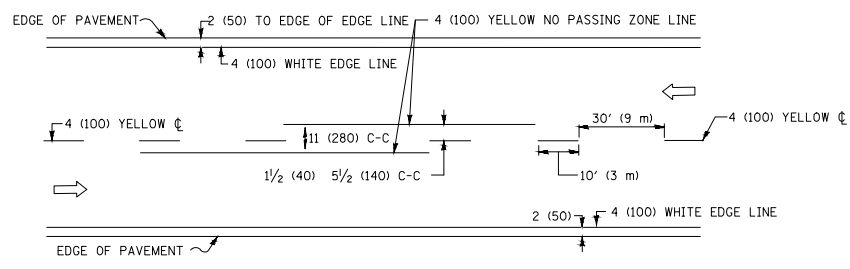
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		CHECKED --	REVISED -- T. RAMMACHER 01-06-00
	PLOT SCALE =	DRAWN --	REVISED -- A. SCHUETZE 07-01-13
	PLOT DATE =	CHECKED --	REVISED -- A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

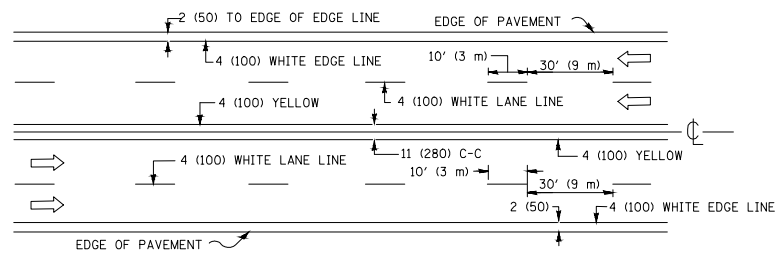
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: SHEET NO. 52 OF 91 SHEETS STA. TO STA.

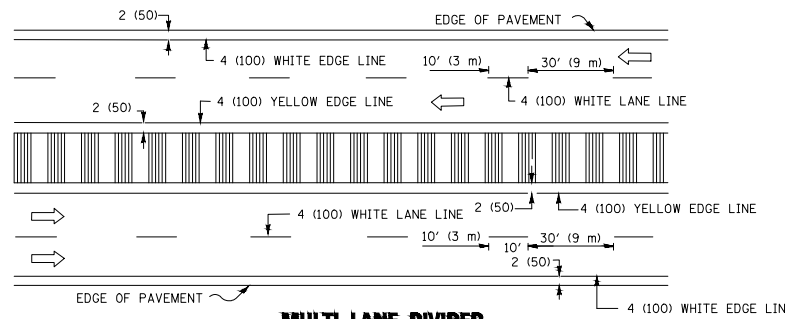
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	52
TC-10			CONTRACT NO. 61G28	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY

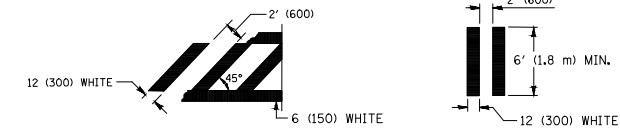
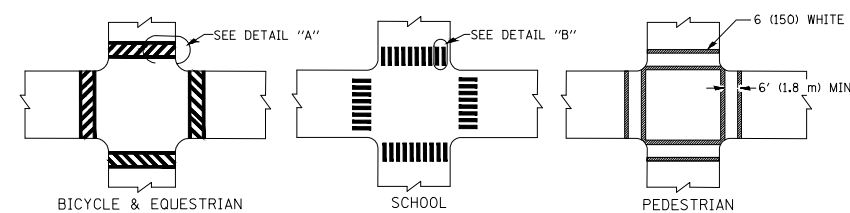


MULTI-LANE UNDIVIDED



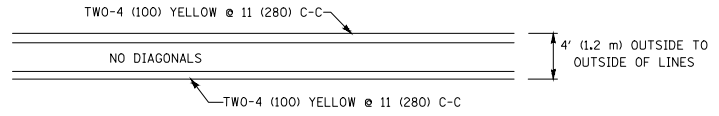
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

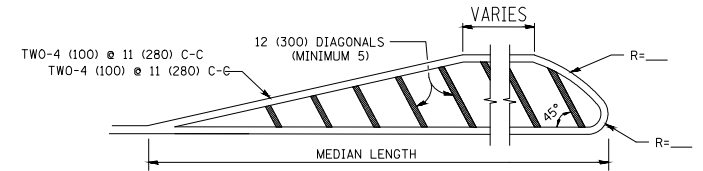


DETAIL "A" TYPICAL CROSSWALK MARKING

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

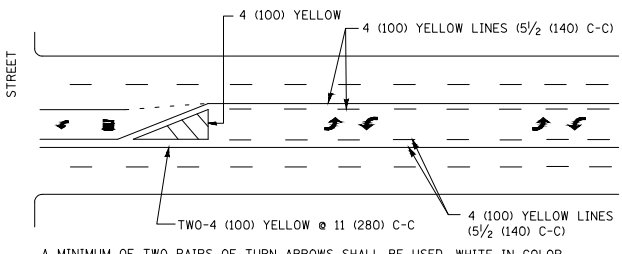


4' (1.2 m) WIDE MEDIANS ONLY

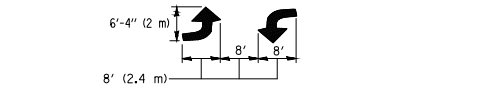


MEDIANS OVER 4' (1.2 m) WIDE

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))



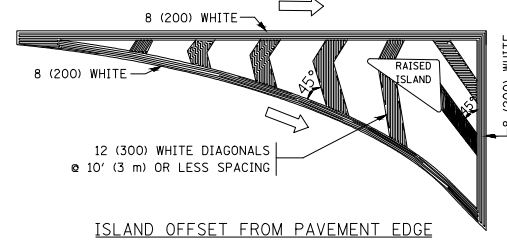
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



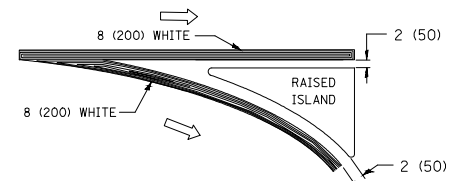
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE 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".

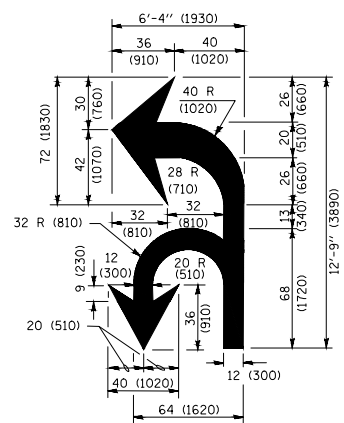


ISLAND OFFSET FROM PAVEMENT EDGE

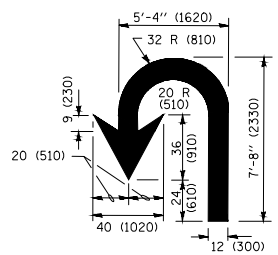


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / SPACING
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	5/2 (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; 5/2 (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 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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.

FILE NAME = 15811_02-DTL5-01 - P03

USER NAME =	DESIGNED =	REVISED = C. JUCIUS 09-09-09
PLOT SCALE =	CHECKED =	REVISED = C. JUCIUS 07-01-13
PLOT DATE =	DRAWN =	REVISED = C. JUCIUS 12-21-15
	CHECKED =	REVISED = C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

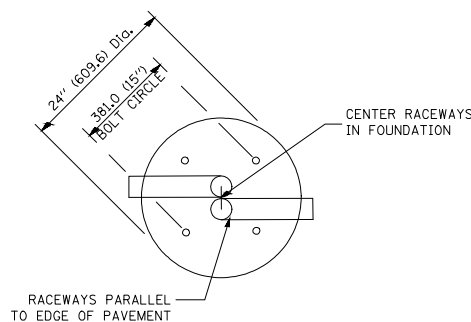
DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE:	SHEET NO. 53 OF 91 SHEETS	STA. TO STA.
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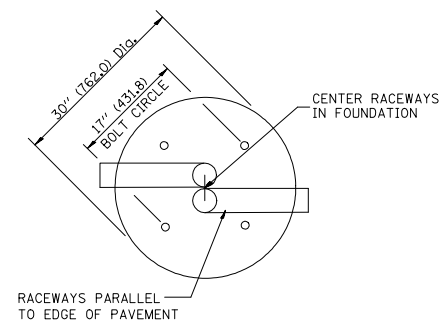
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	53
TC-13		CONTRACT NO. 61G28		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192 m) TO 47.5 FT. (14.478 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	13'-0" (3.96 m)	15'-0" (4.57 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-6" (2.93 m)	10'-9" (3.23 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-0" (2.13 m)	8'-0" (2.44 m)
LOOSE SAND φ = 34°	9'-0" (2.74 m)	10'-0" (3.05 m)
MEDIUM SAND φ = 37.5°	8'-3" (2.52 m)	9'-0" (2.74 m)
DENSE SAND φ = 40°	7'-9" (2.36 m)	9'-0" (2.74 m)



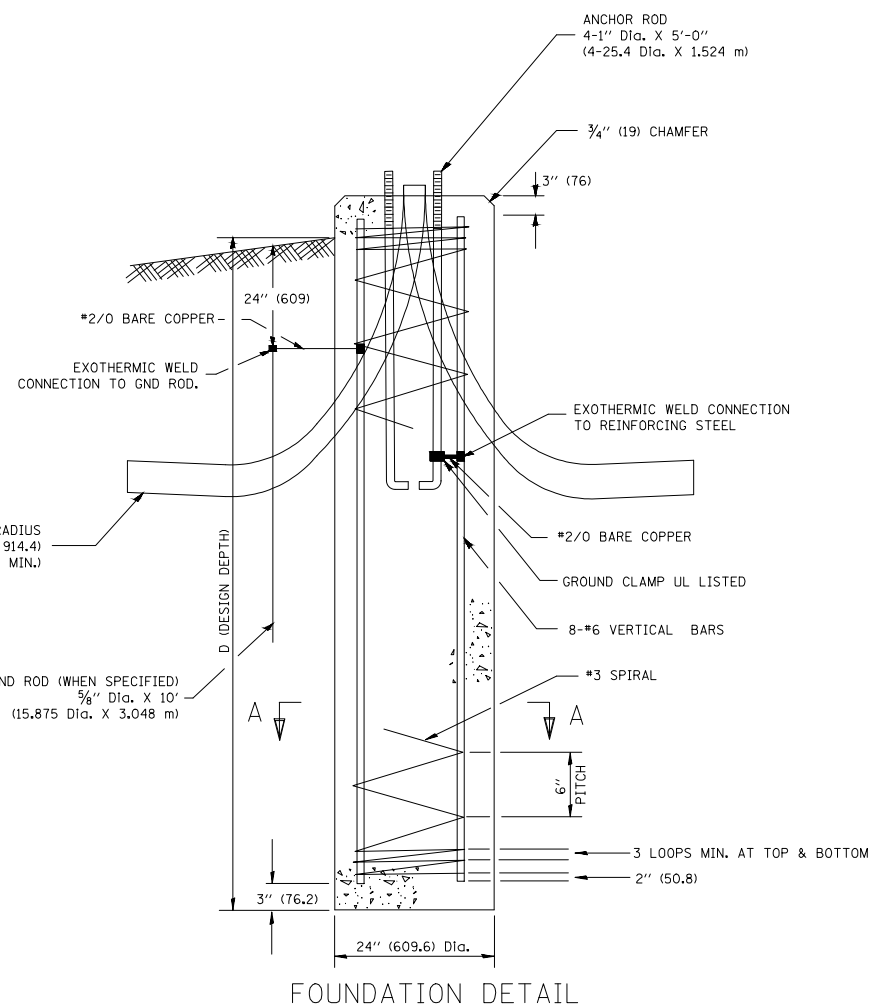
TOP VIEW



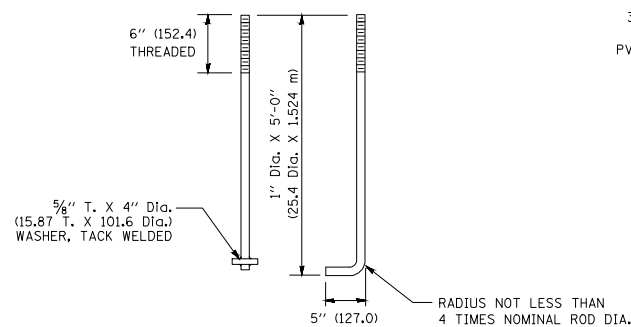
TOP VIEW

NOTES

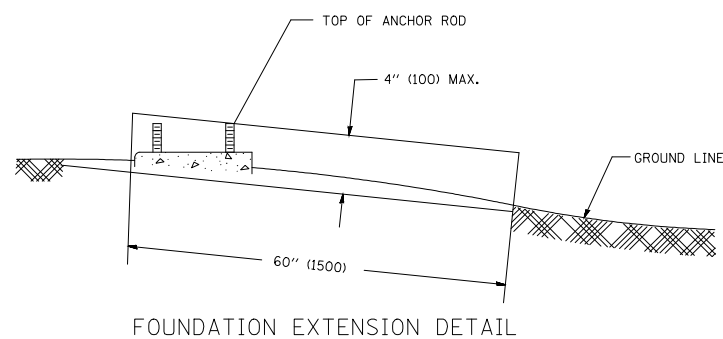
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UMG MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.



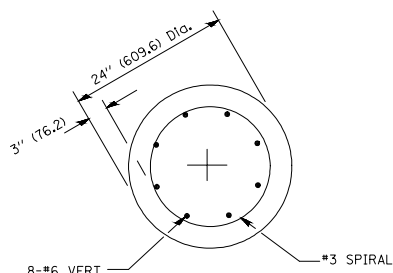
FOUNDATION DETAIL



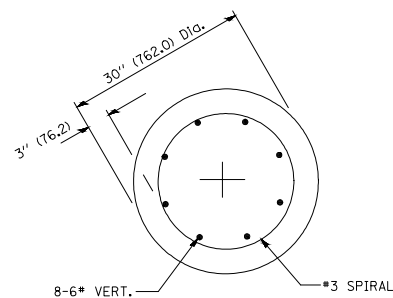
ANCHOR ROD DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A



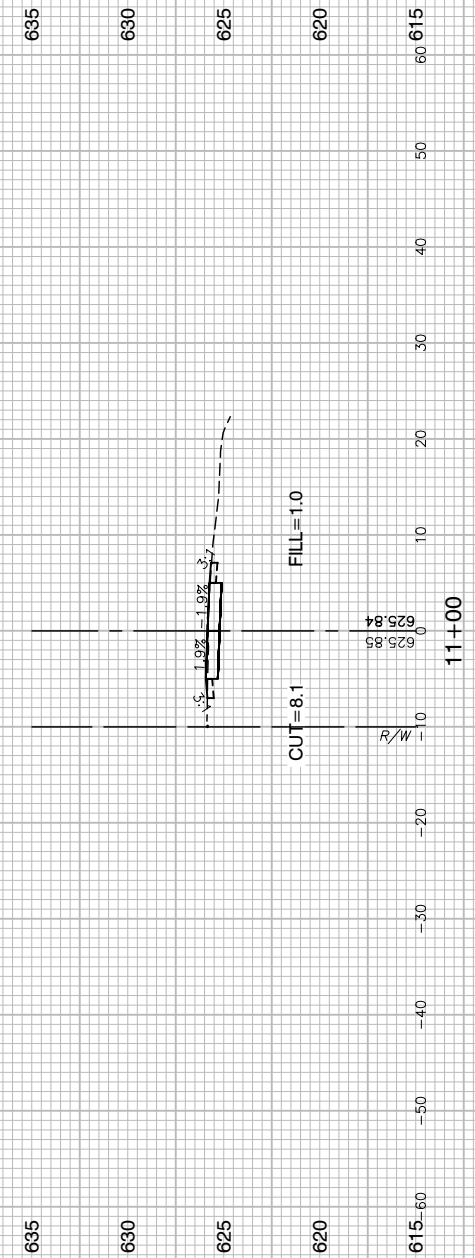
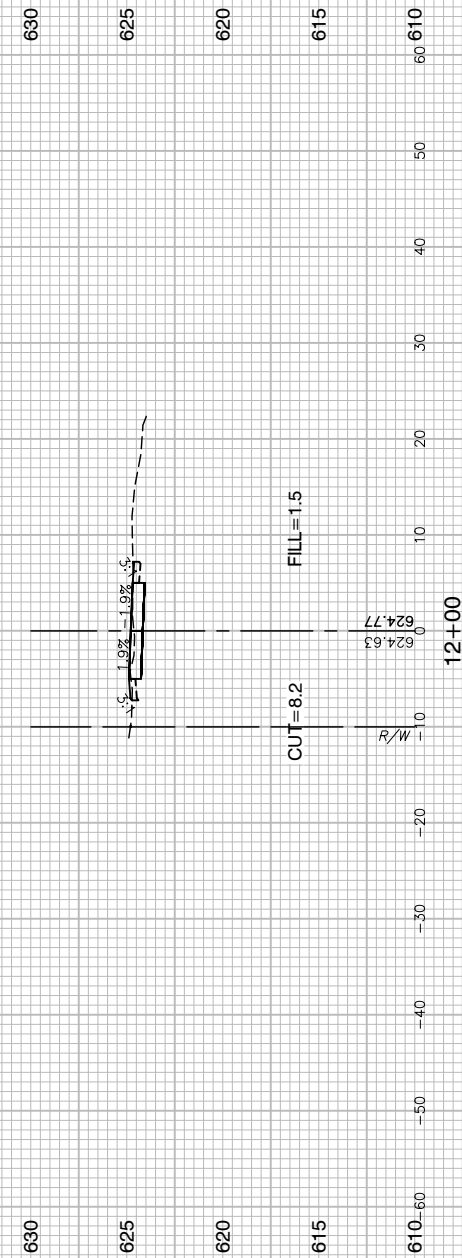
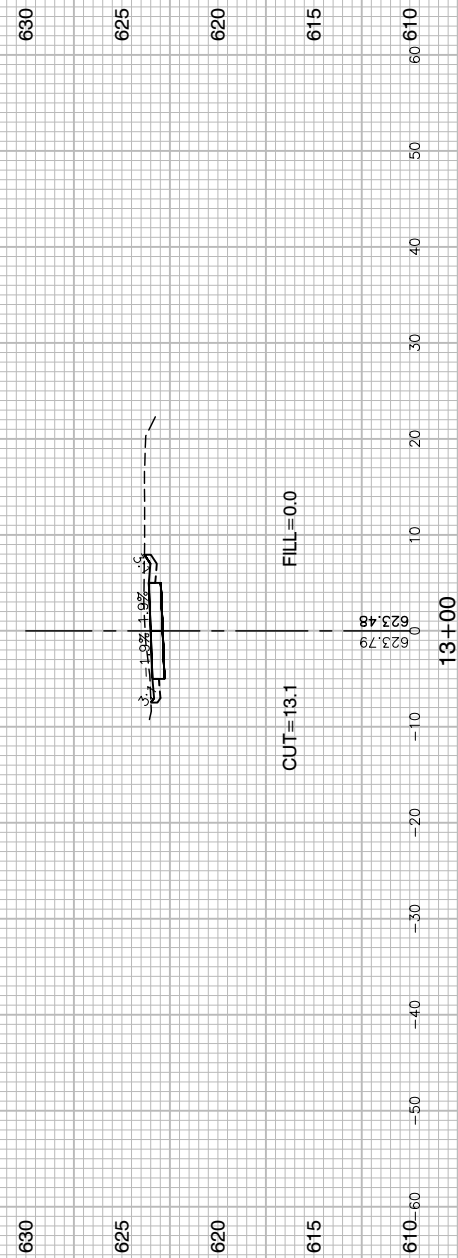
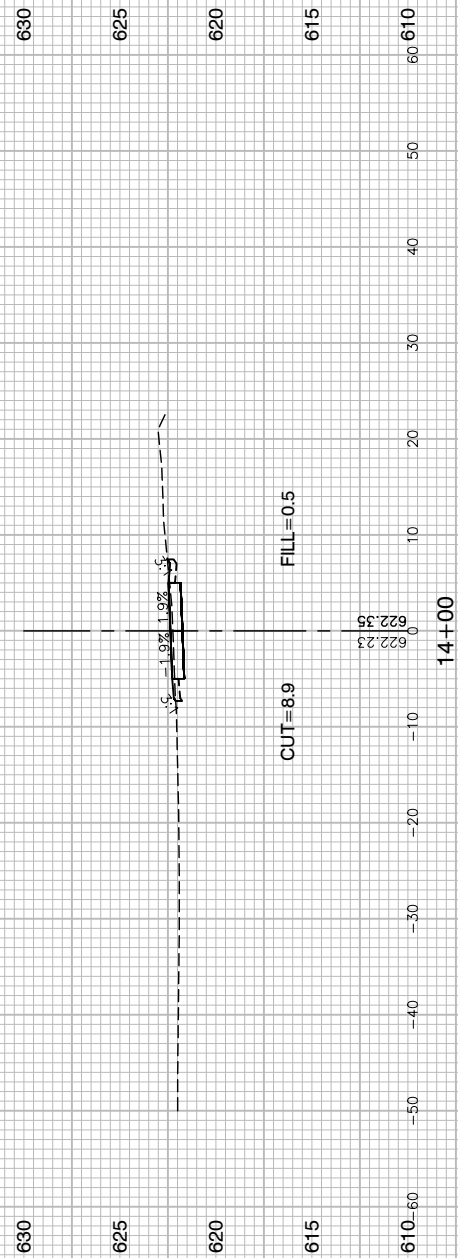
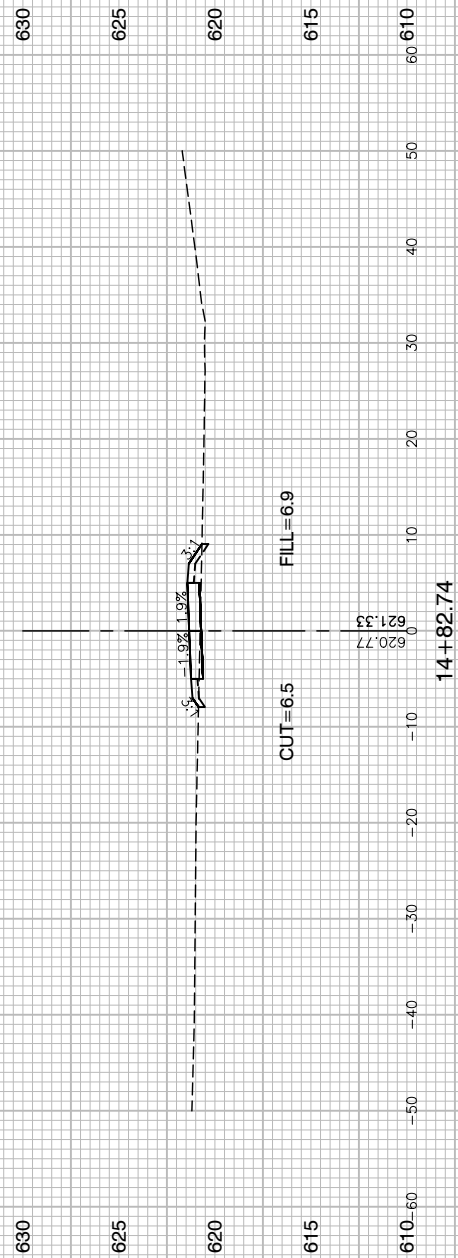
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	CHECKED —	REVISED — T. RAMMACHER 01-06-00
PLOT SCALE =	DRAWN —	REVISED — A. SCHUETZE 07-01-13
PLOT DATE =	CHECKED —	REVISED — A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
48" (12.192 m) TO 47 1/2" (14.478 m) M.H. 15" (381 mm) BOLT CIRCLE		---	15-00063-00-BT	WILL	91	54
SCALE:		SHEET NO. 54 OF 91 SHEETS		STA. TO STA.	CONTRACT NO. 61G28	
		FED. ROAD DIST. NO.		ILLINOIS		FED. AID PROJECT



FILE NAME = 15311_02-XSEC-01 - X(1)

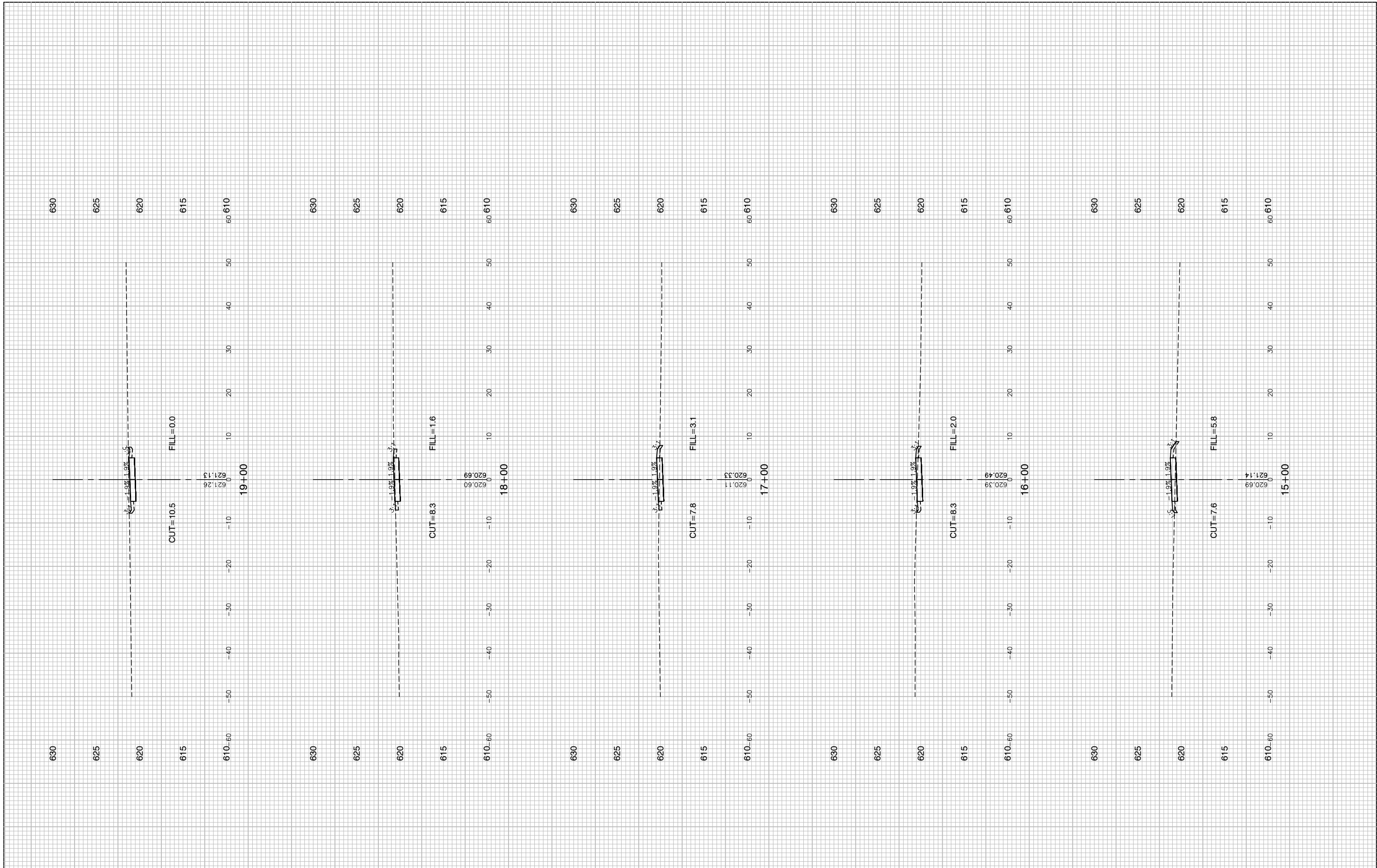
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PLOT SCALE =	DRAWN -- PS	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS

SCALE: H 1"=5' V 1"=5' SHEET NO. 55 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	55
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----			CONTRACT NO. 61G28	



FILE NAME = 15311_02-XSEC-01 - X(2)
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 PLOT DATE = 03-10-20

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 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

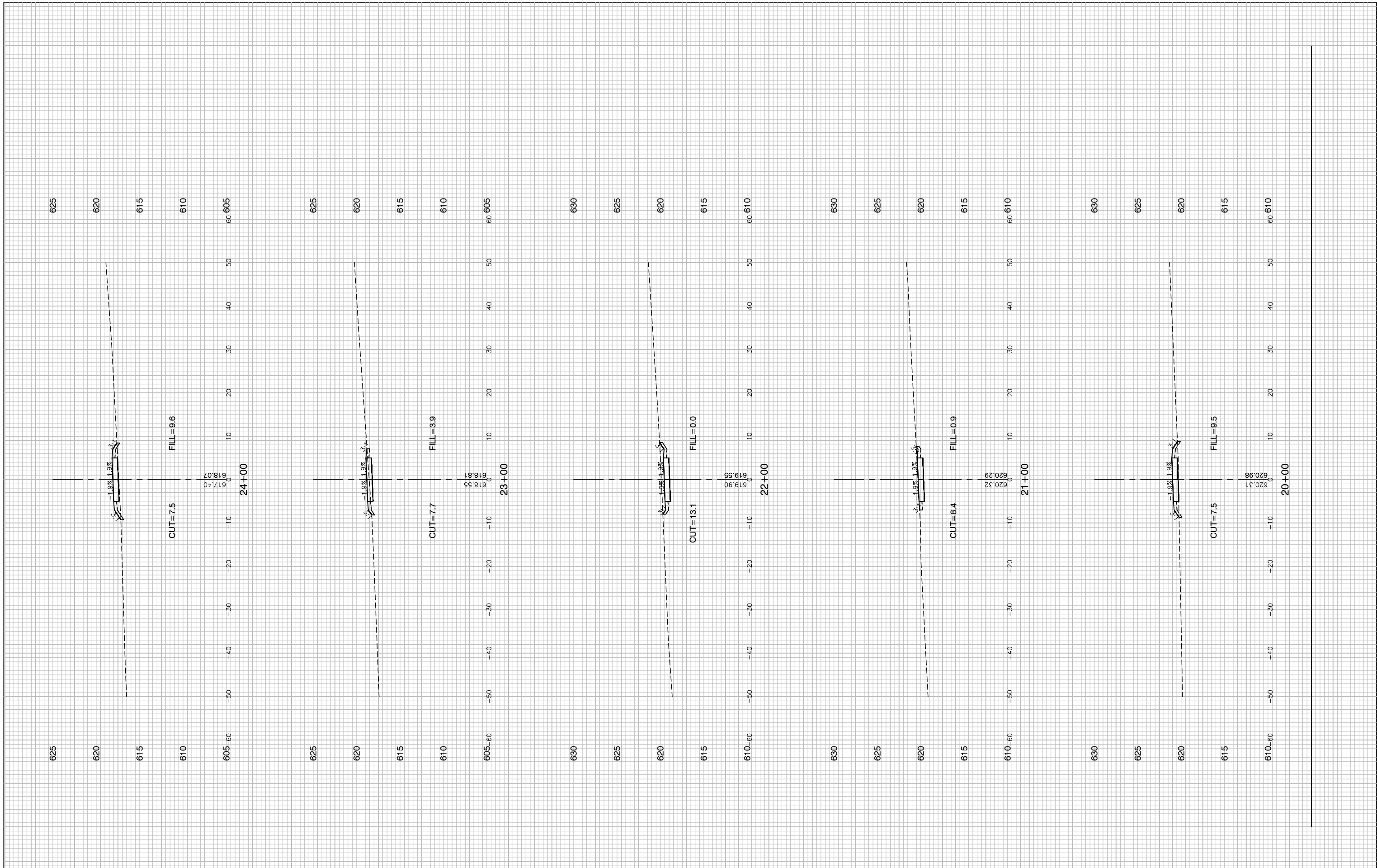
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 56 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	56
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RGOODEX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



FILE NAME = 15311_02-XSEC-01 - X(3)	USER NAME =	DESIGNED -- JR	REVISED --
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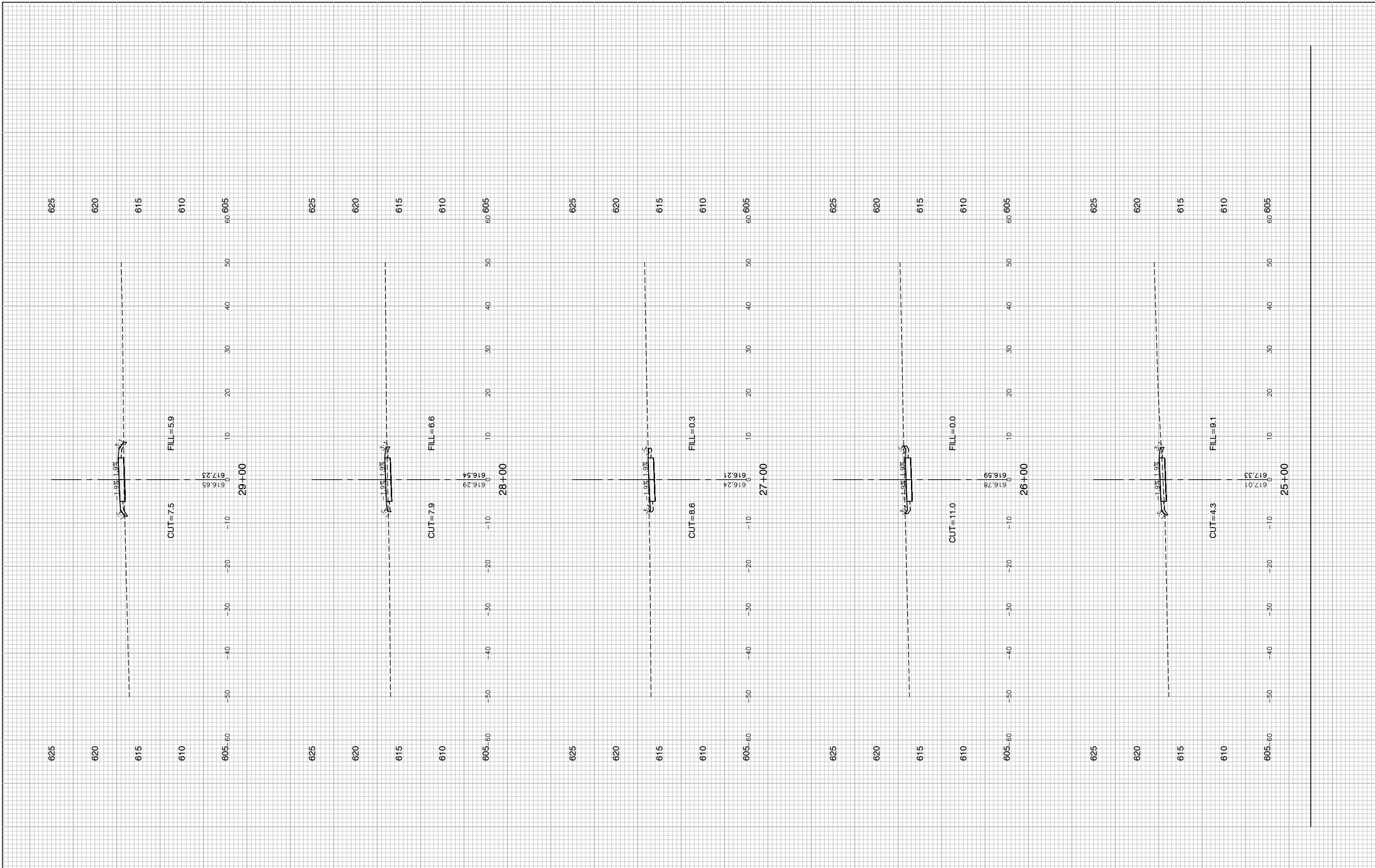
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS**

SCALE: H 1"=5' V 1"=5' SHEET NO. 57 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	57
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
PLOTTED BY: KEVIN BURR ON 6/11/20



FILE NAME = 15311_02-XSEC-01 - X(4)	USER NAME =	DESIGNED -- JR	REVISED --
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	PLOT SCALE =	DRAWN -- PS	REVISED --
	PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

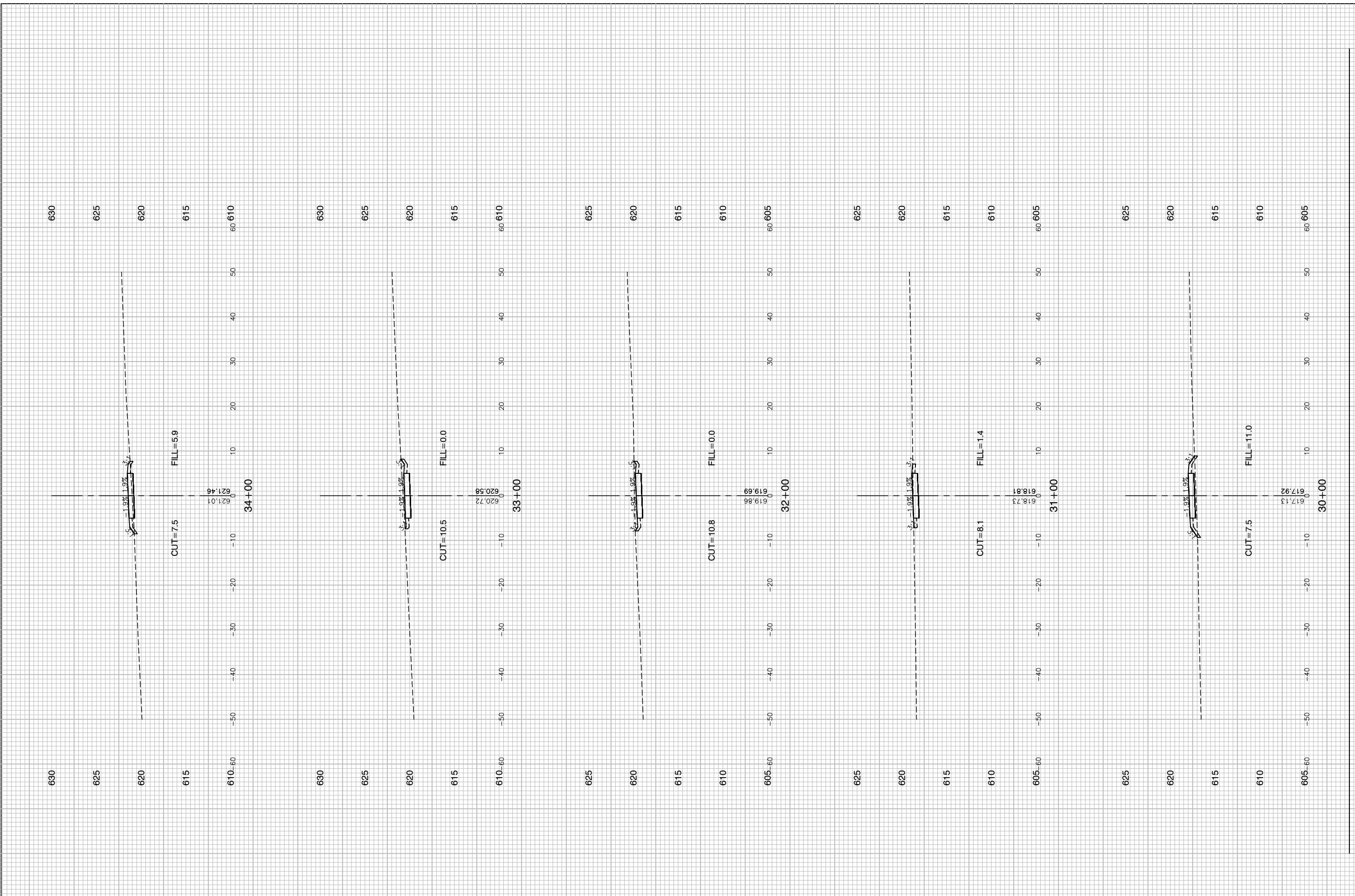
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS**

SCALE: H 1"=5' V 1"=5' SHEET NO. 58 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	58
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
PLOT BY: KEVIN BURR ON 6/3/20



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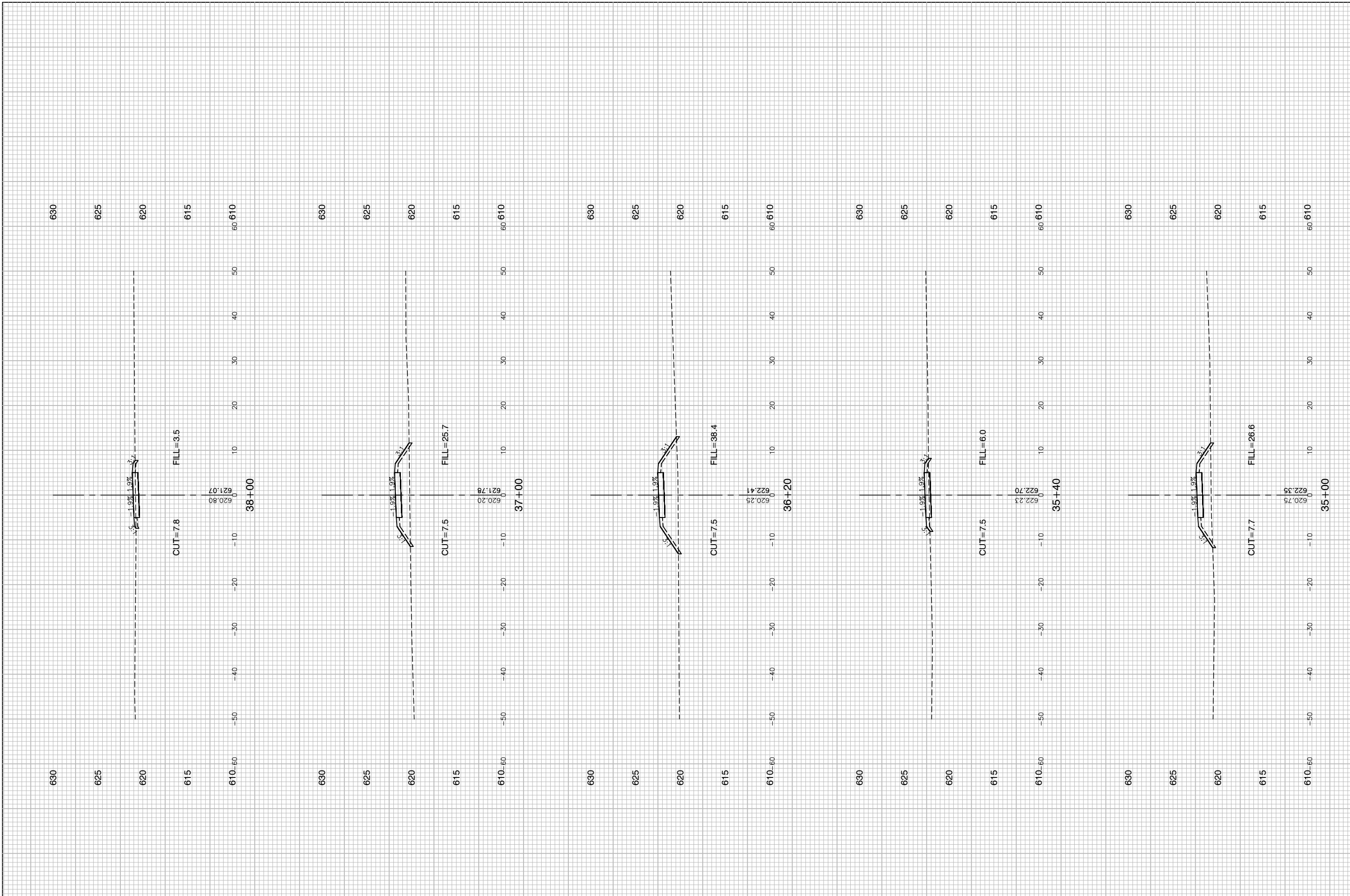
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 59 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	59
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 3/17/20



FILE NAME = 15311_02-XSEC-01 - X(6)
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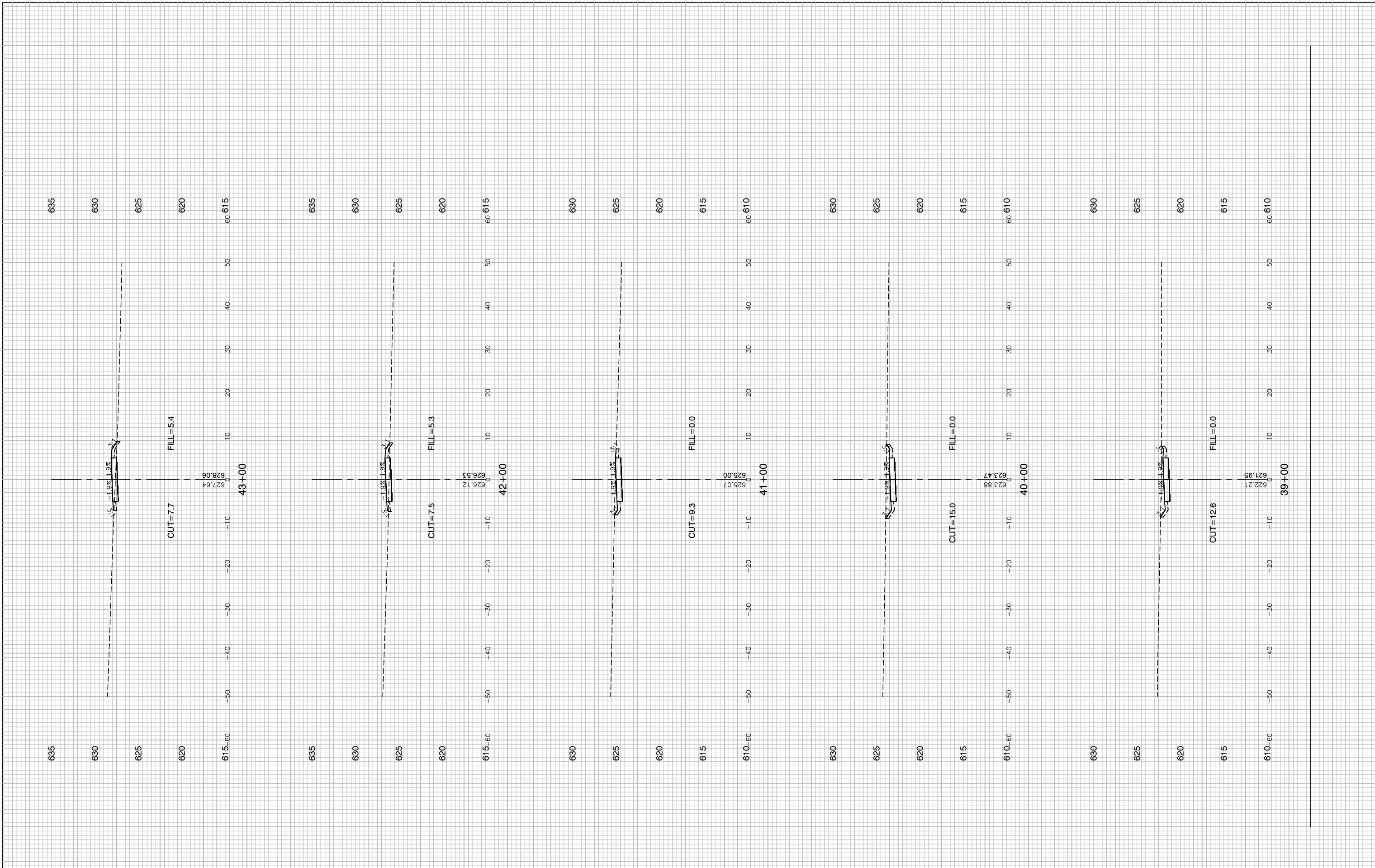
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5'
 SHEET NO. 60 OF 91 SHEETS
 STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	60
FED. ROAD DIST. NO. 1 ILLINOIS			CONTRACT NO. 61G28	
FED. AID PROJECT ----				

LAST SAVED BY: RGOODEK ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



FILE NAME = 15311_02-XSEC-01 - X(7)
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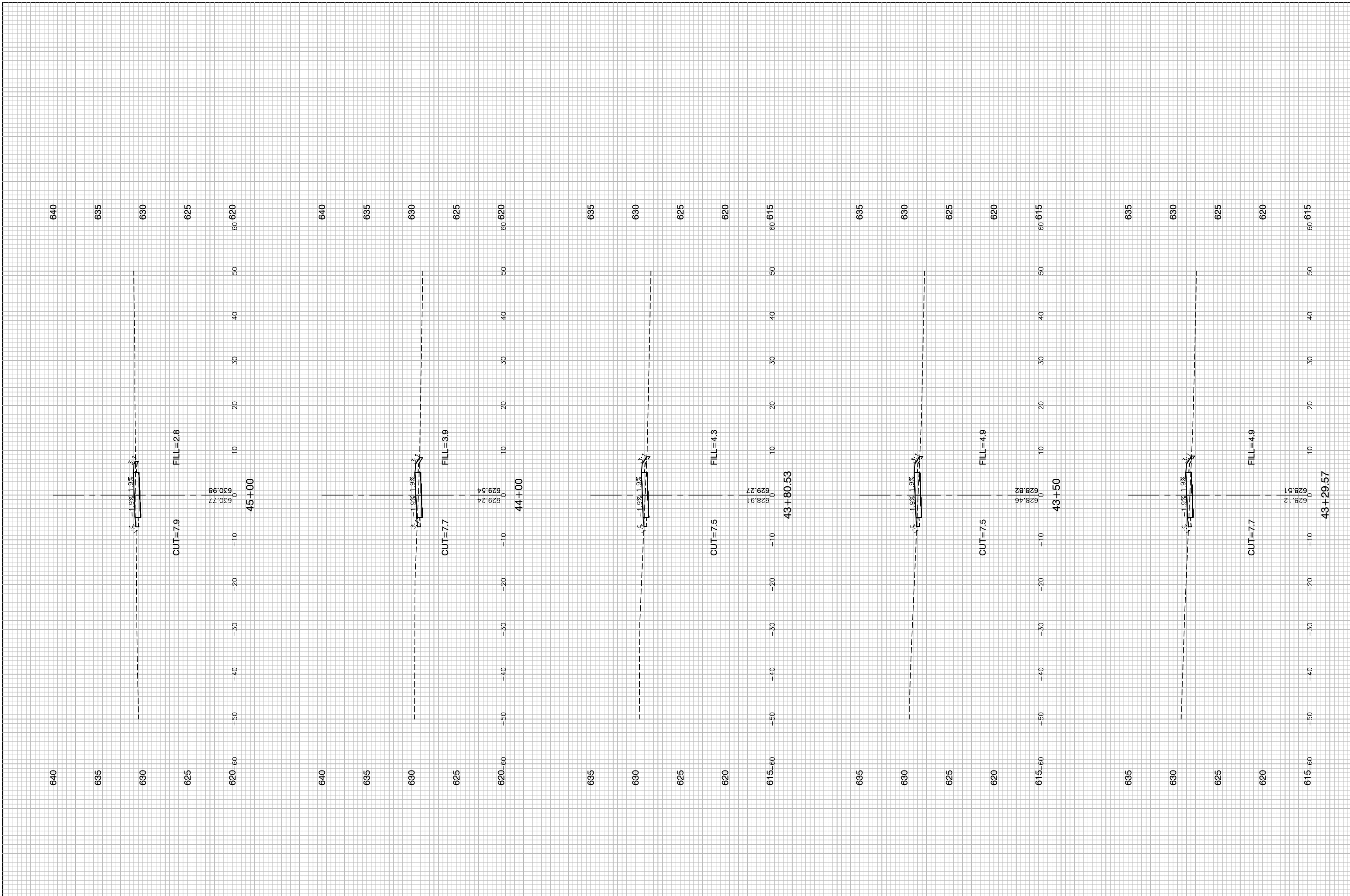
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 61 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	61
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 3/17/20



FILE NAME = 15311_02-XSEC-01 - X(B)
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 CHECKED — HLG
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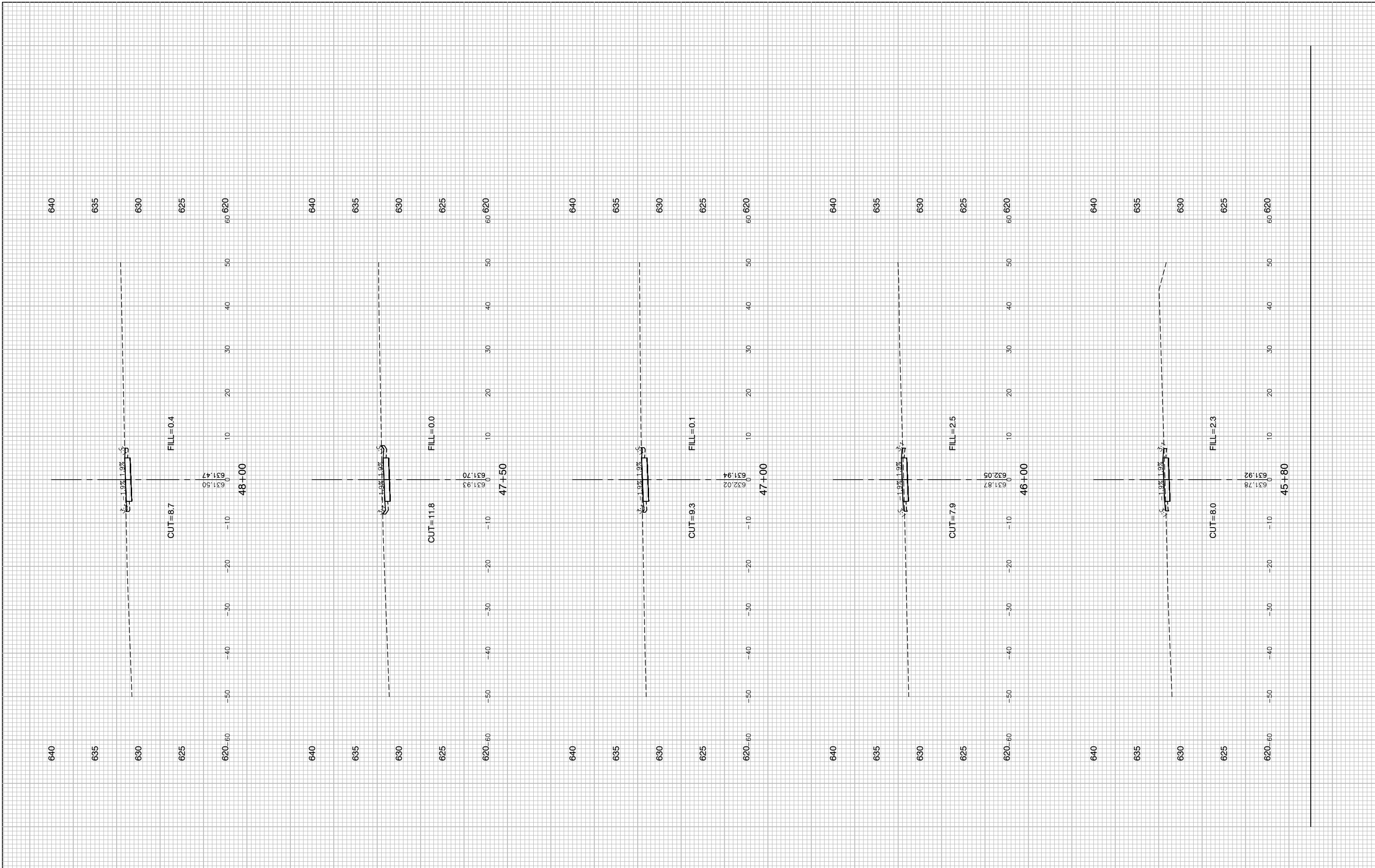
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5'
 SHEET NO. 62 OF 91 SHEETS
 STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	62
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RGOODEK ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



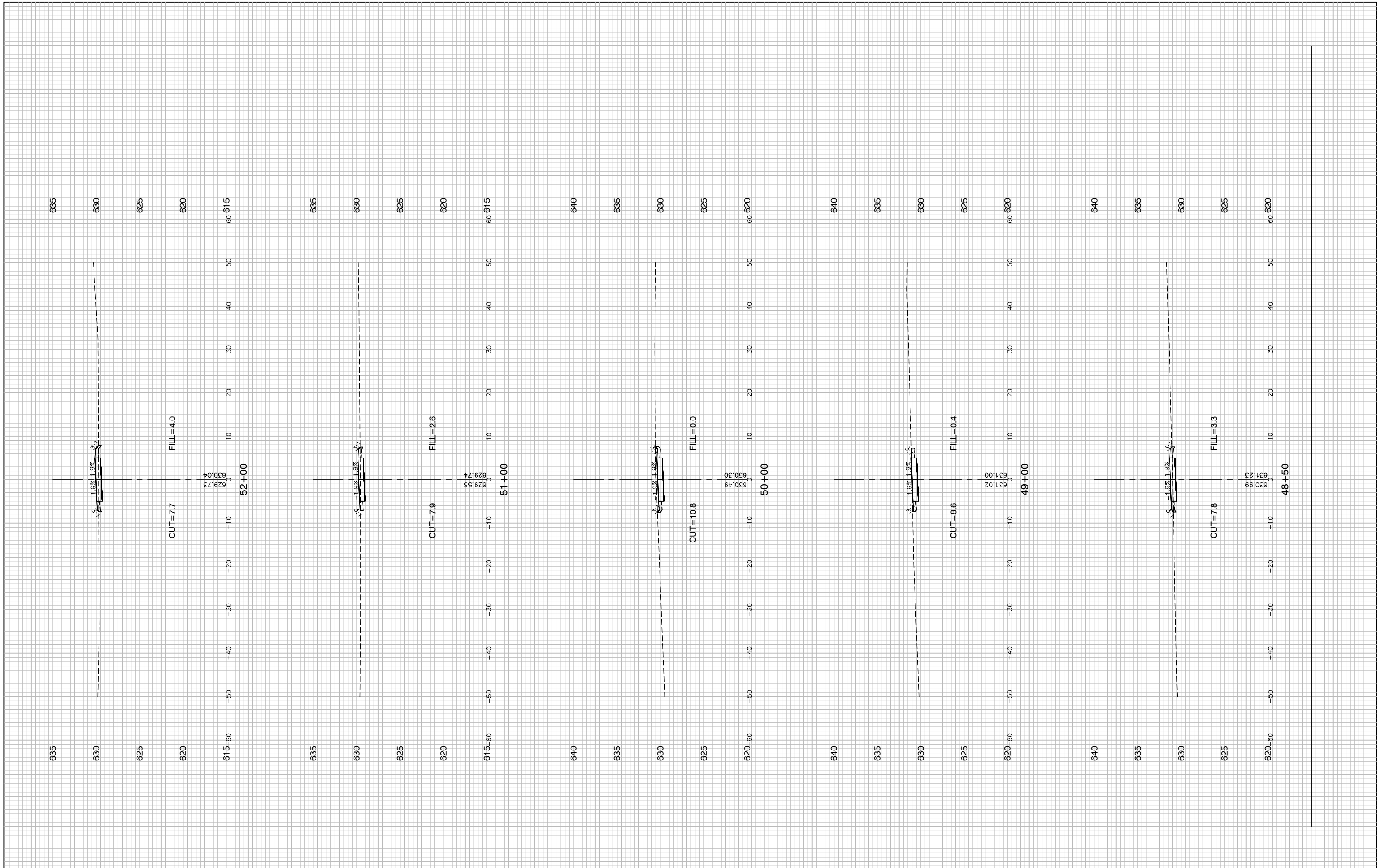
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

COMED ROW COMED MULTI-USE TRAIL CROSS SECTIONS	
SCALE: H 1"=5' V 1"=5'	SHEET NO. 63 OF 91 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	63
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RGOODEK ON 3/14/20
PLOTTED BY: KEVIN BURR ON 6/3/20



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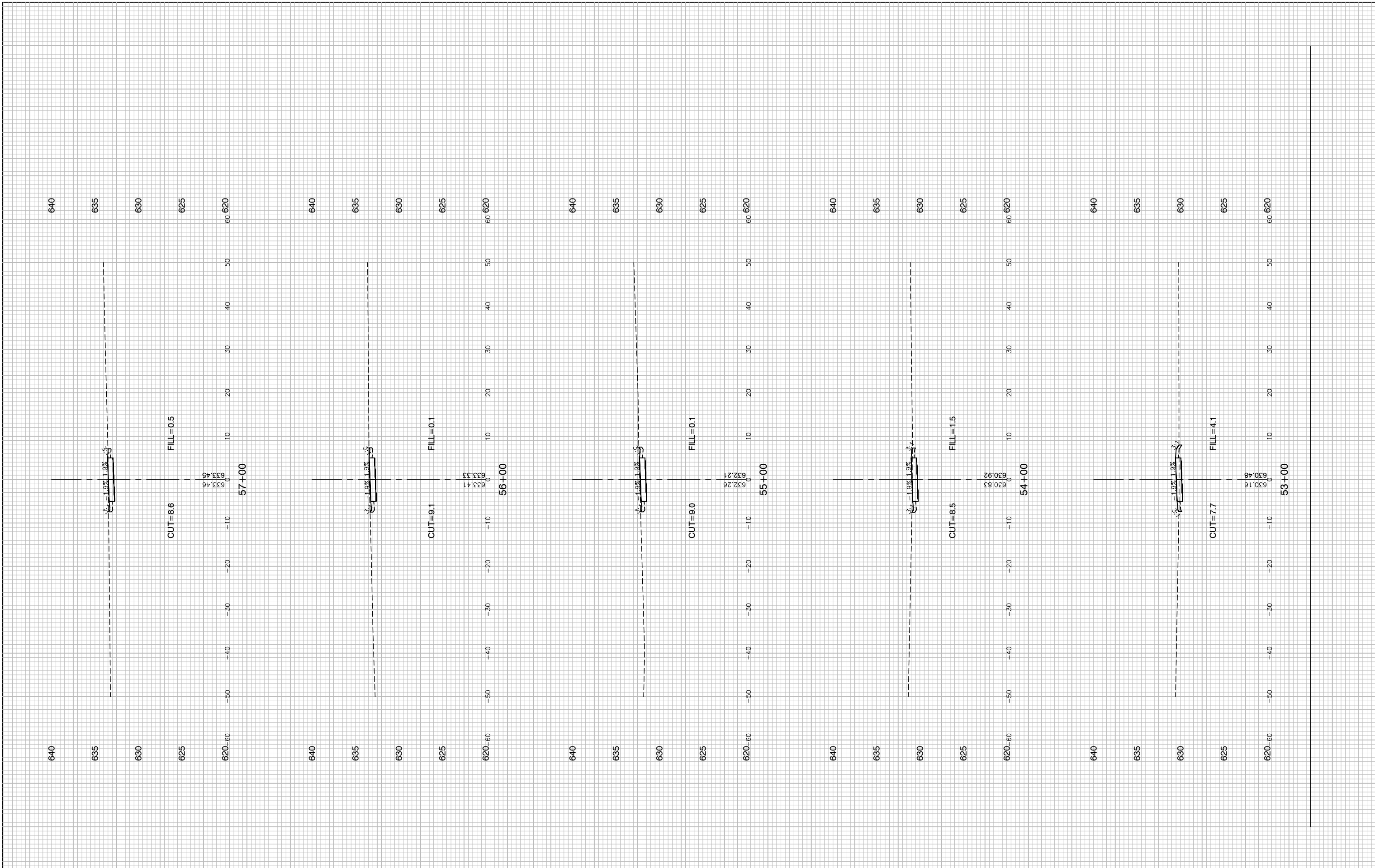
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 64 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	64
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



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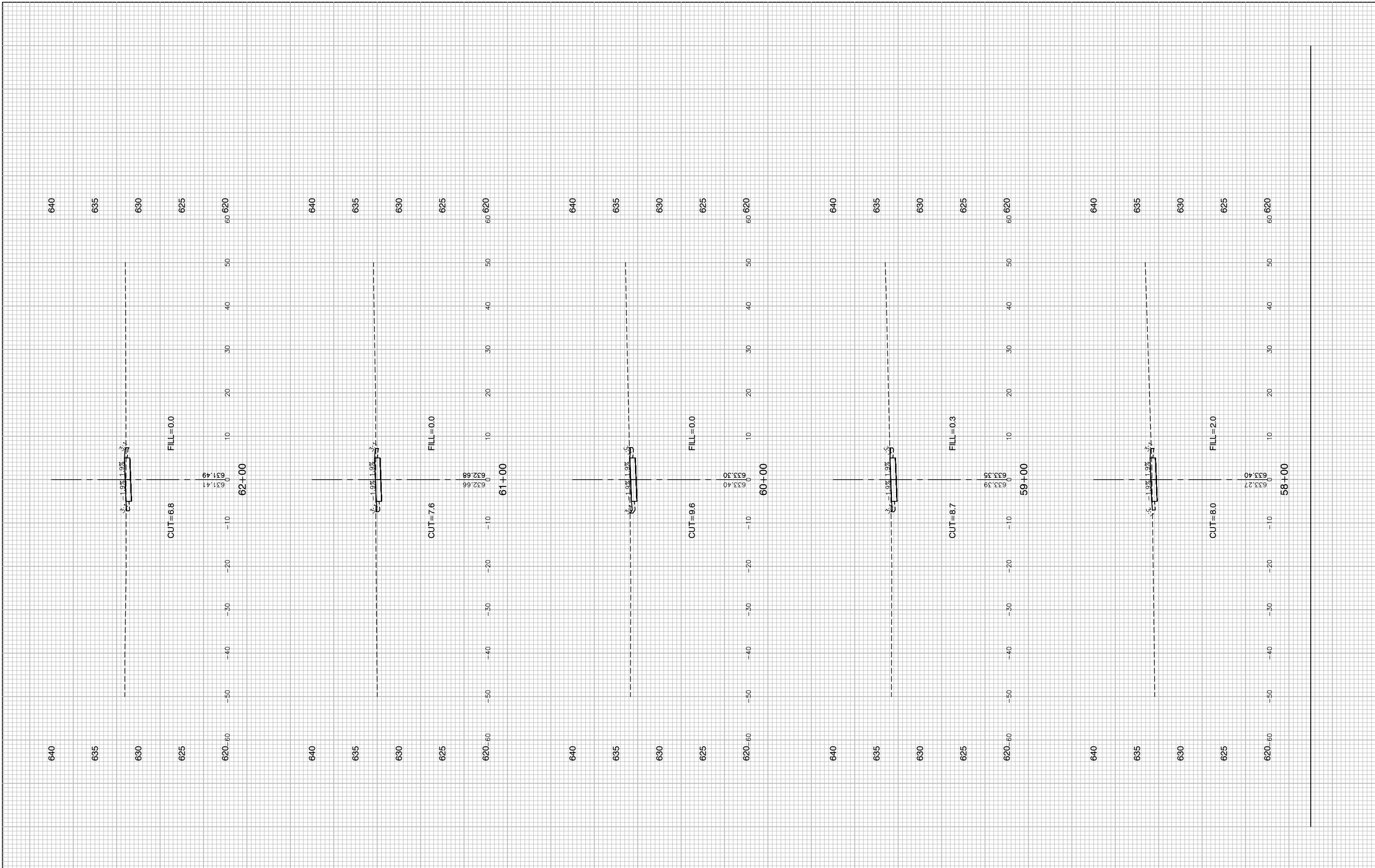
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 65 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	65
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



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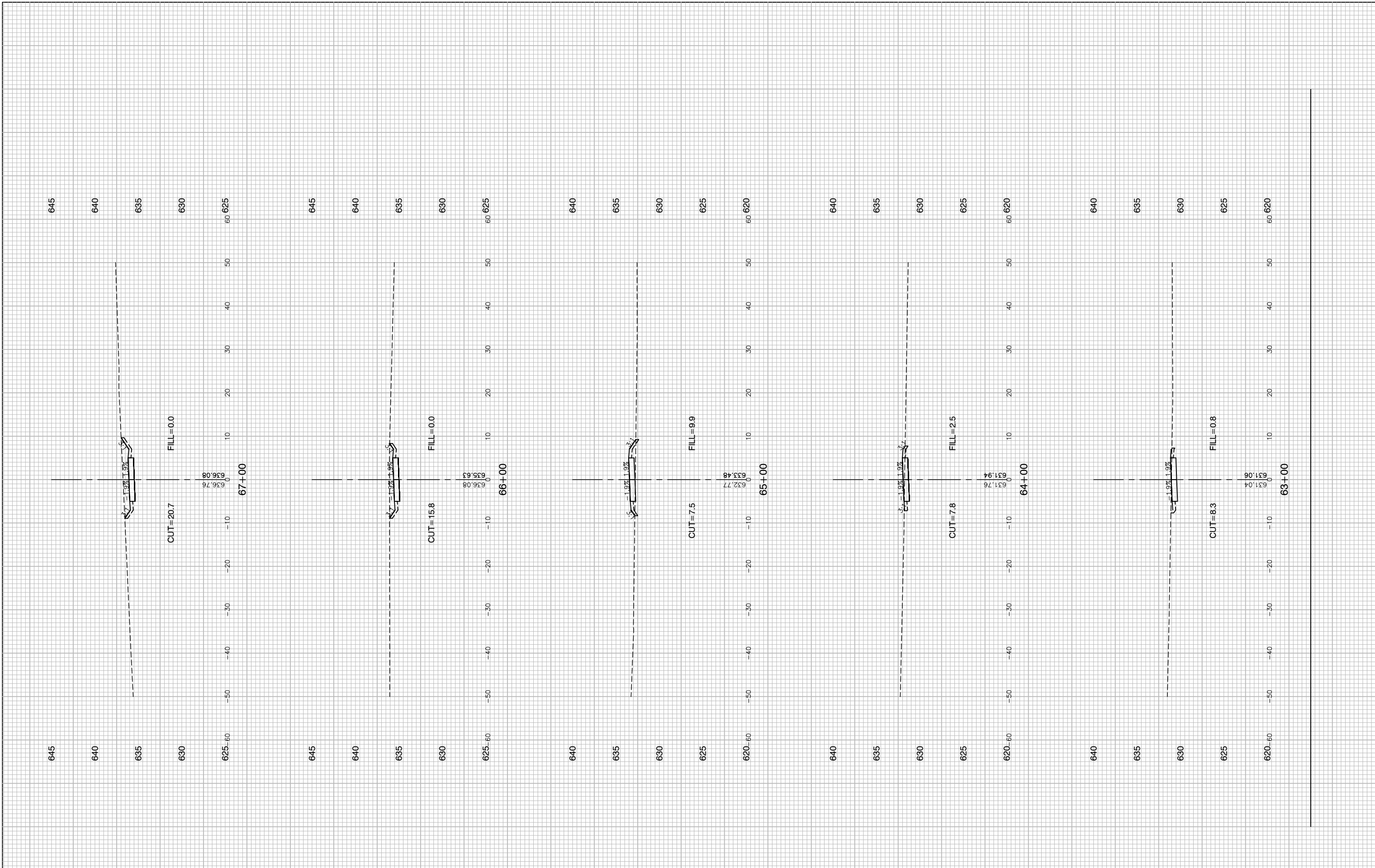
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 66 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	66
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



FILE NAME = 15311_02-XSEC-01 - X(13)
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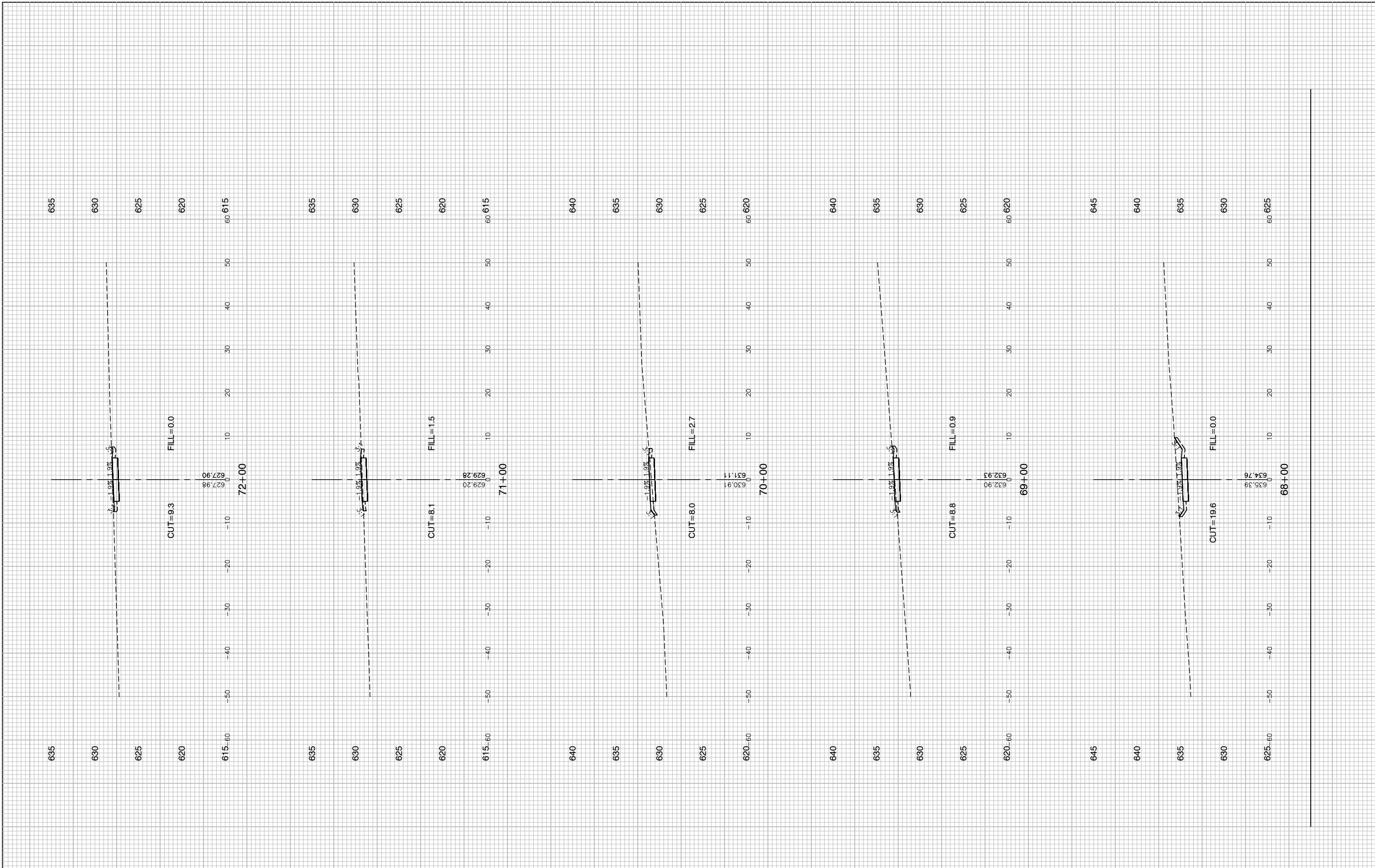
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5'
 SHEET NO. 67 OF 91 SHEETS
 STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	67
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RGOODEK ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 3/31/20



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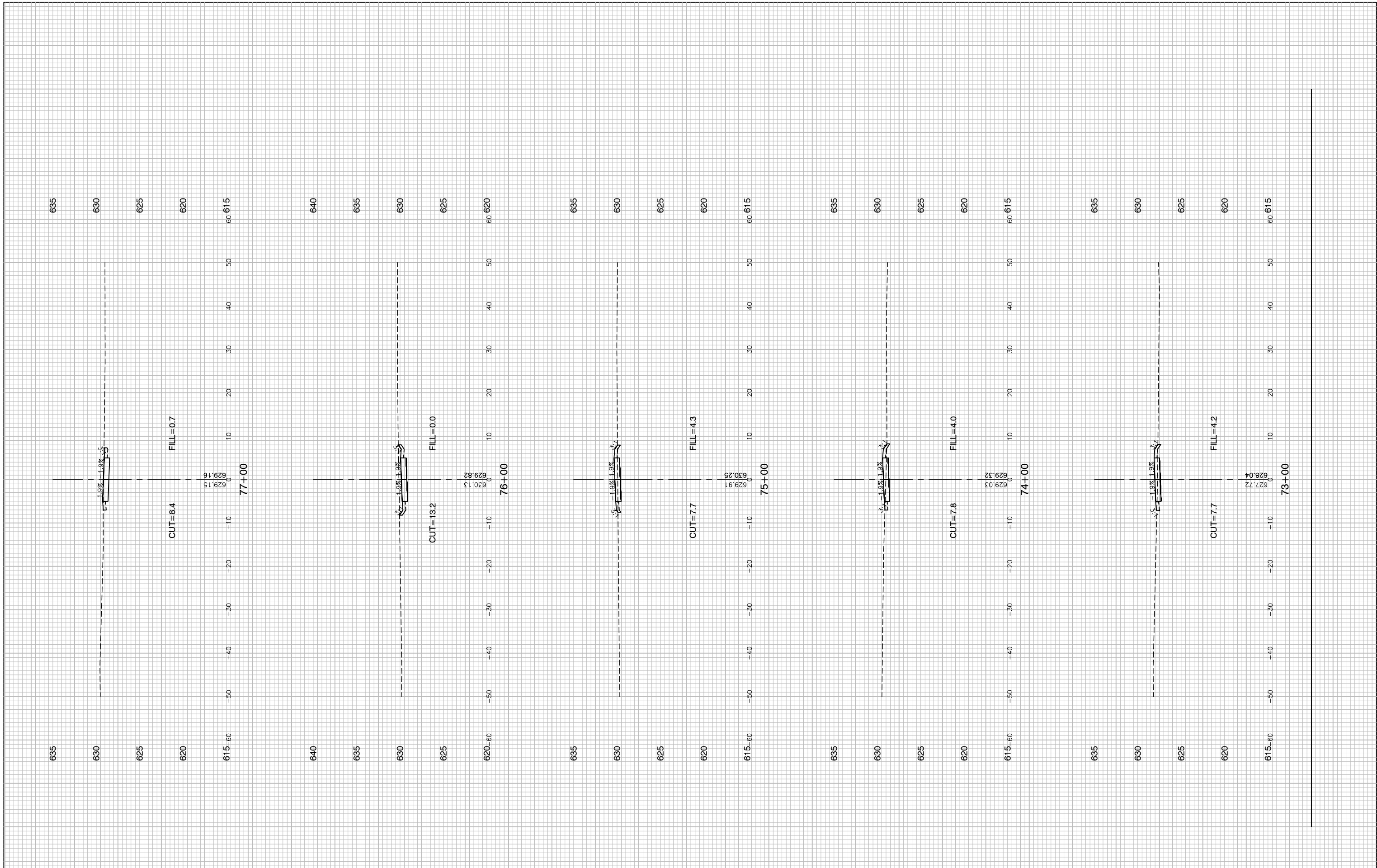
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 68 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	68
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



FILE NAME = 15311_02-XSEC-01 - X(15)	USER NAME =	DESIGNED -- JR	REVISED --
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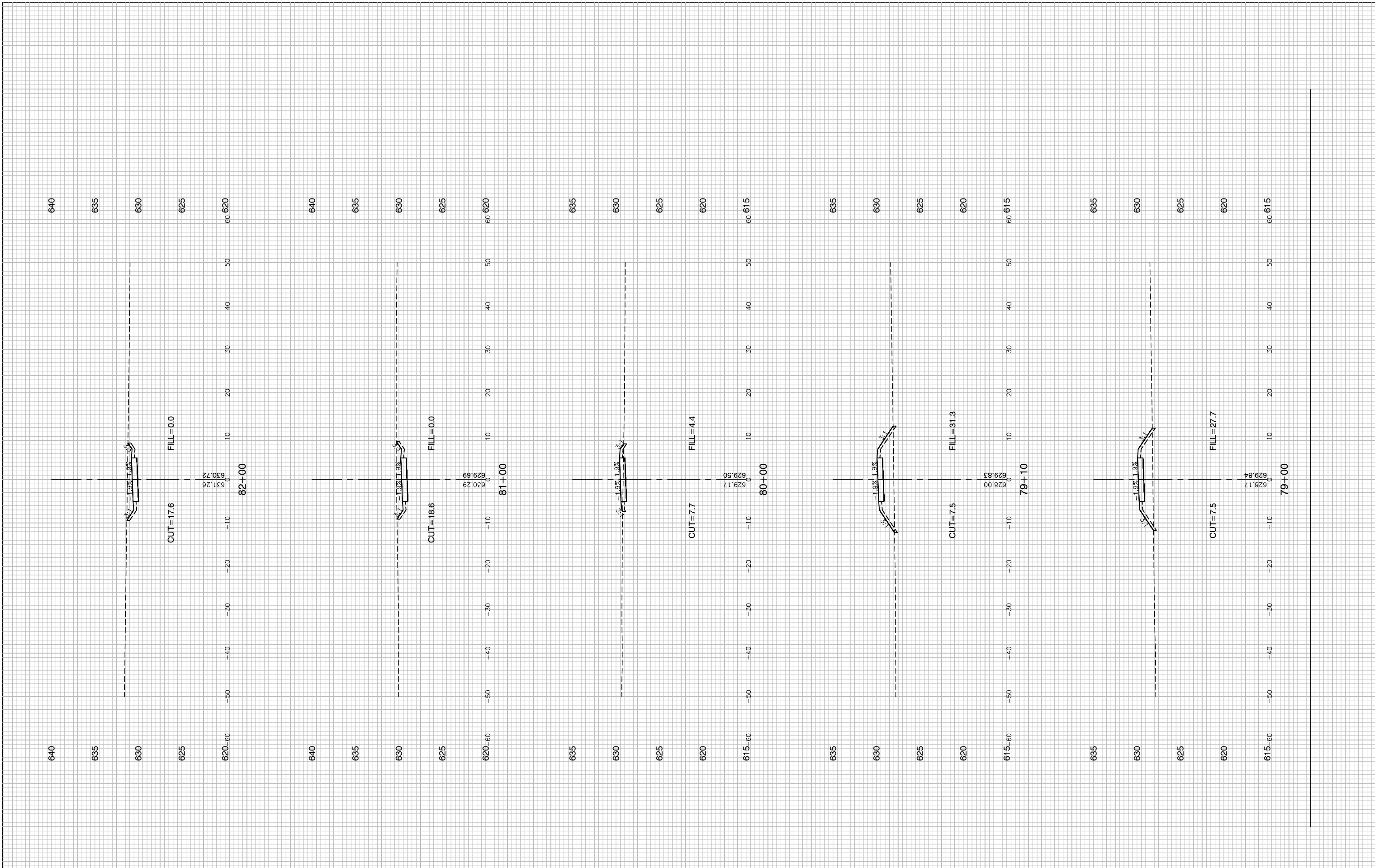
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS**

SCALE: H 1"=5' V 1"=5' SHEET NO. 69 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	69
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
PLOTTED BY: KEVIN BURR ON 6/3/20



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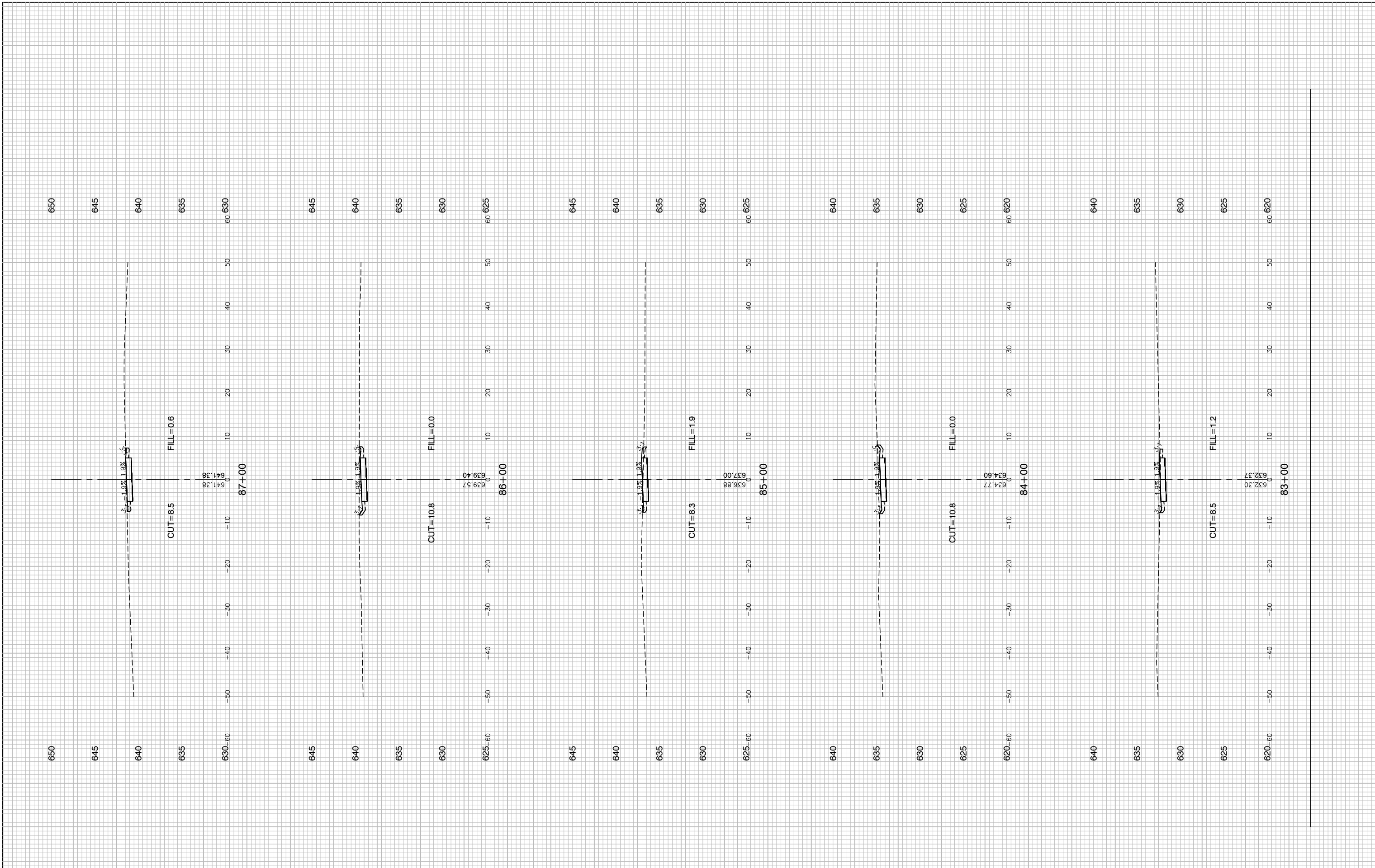
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 70 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	70
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



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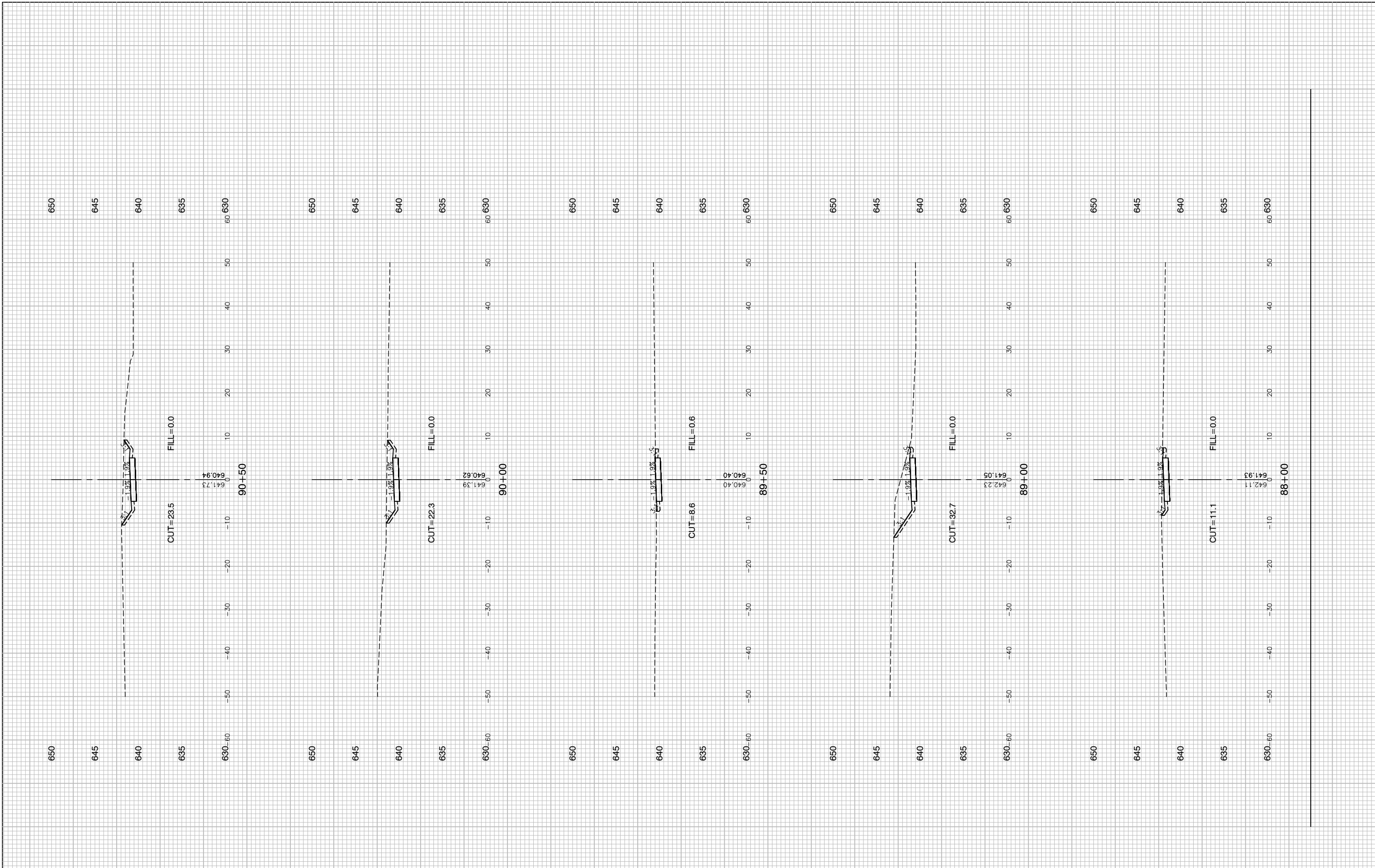
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 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 71 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	71
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RGOODEX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



FILE NAME = 15311_02-XSEC-01 - X(18)
 USER NAME =
 PLOT SCALE =
 PLOT DATE = 03-10-20

DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

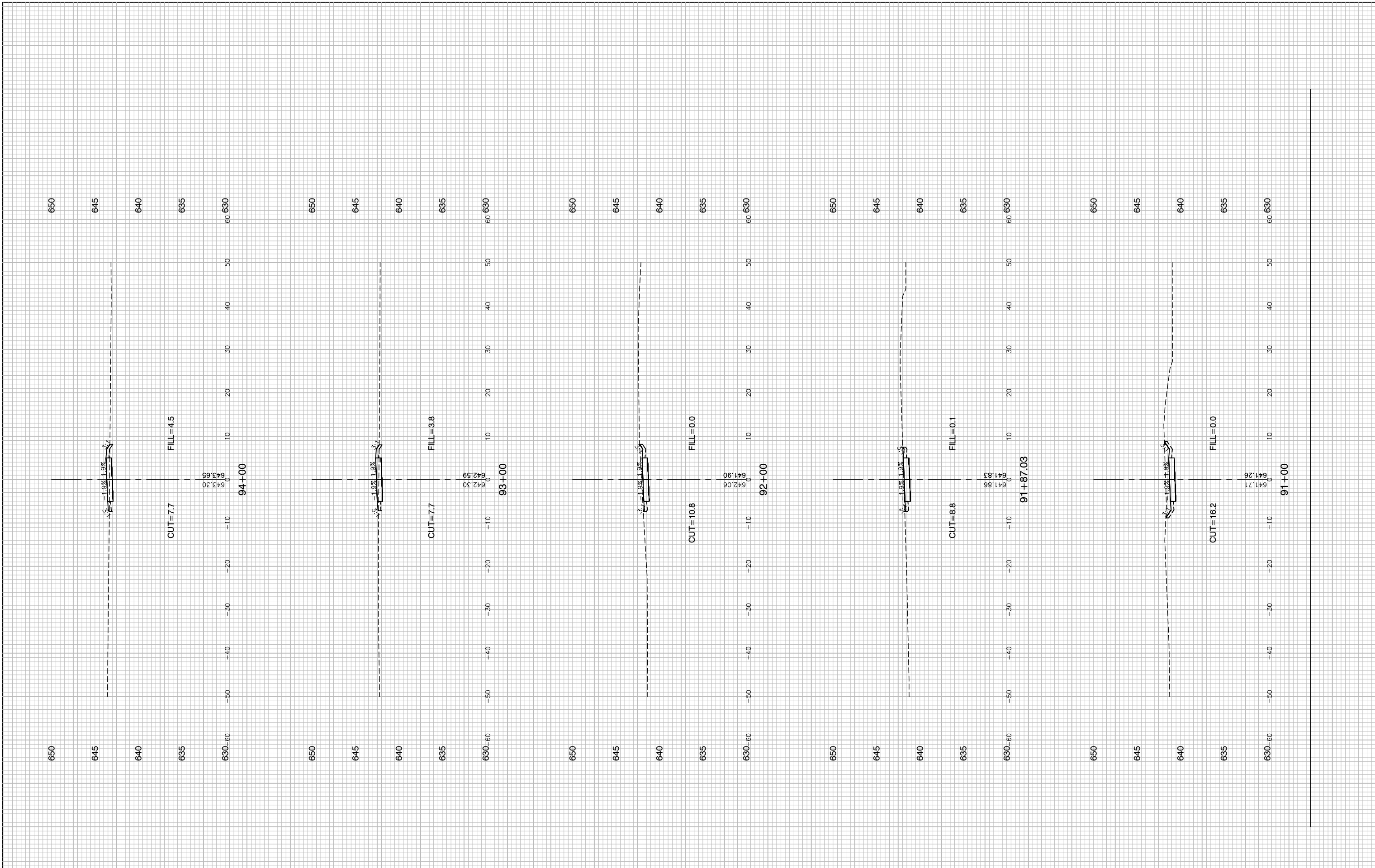
REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 72 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	72
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



FILE NAME = 15311_02-XSEC-01 - X(19)
 USER NAME =
 PLOT SCALE =
 PLOT DATE = 03-10-20

DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

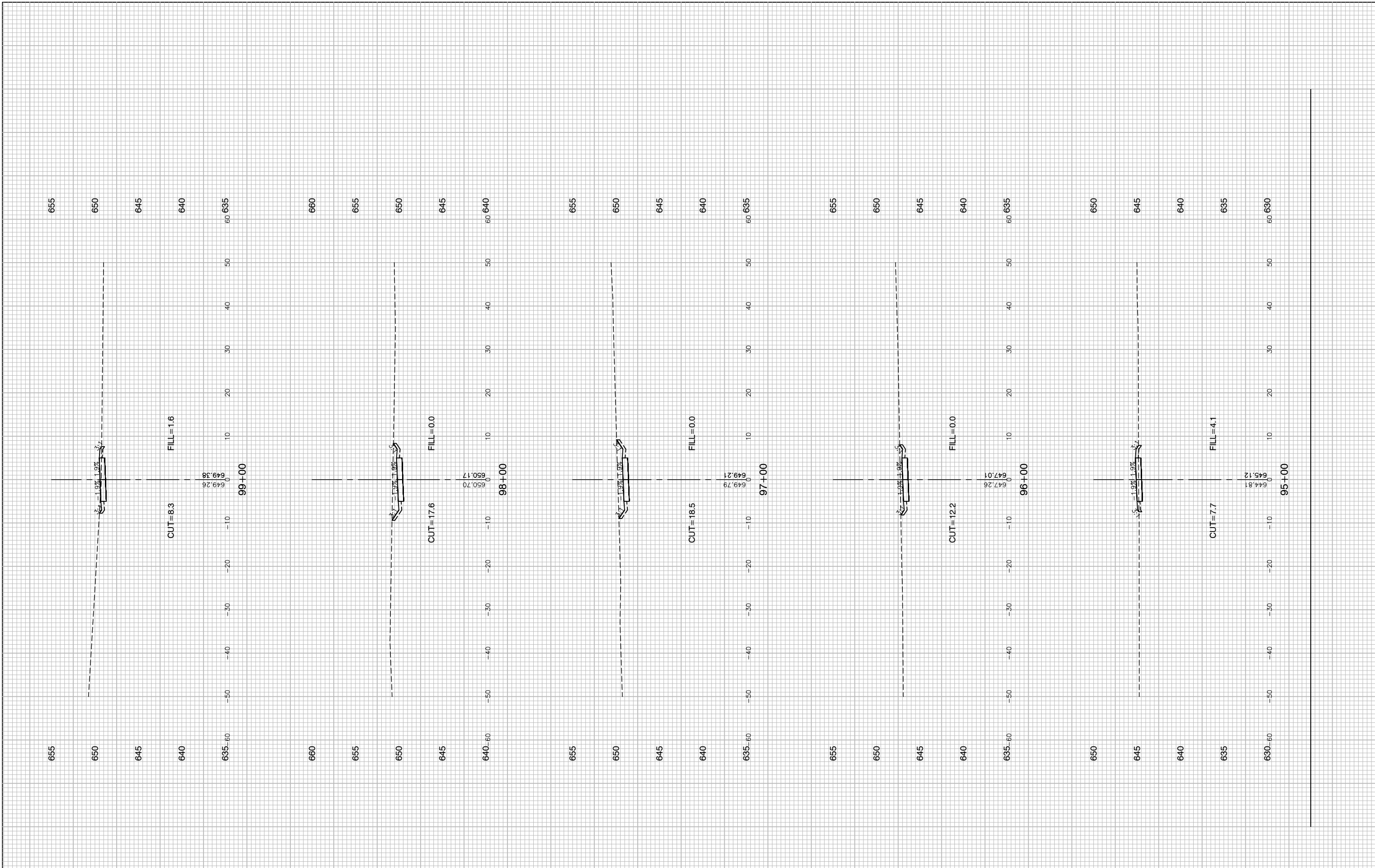
REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 73 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	73
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



FILE NAME = 15311_02-XSEC-01 - X(20)
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 PLOT SCALE =
 PLOT DATE = 03-10-20

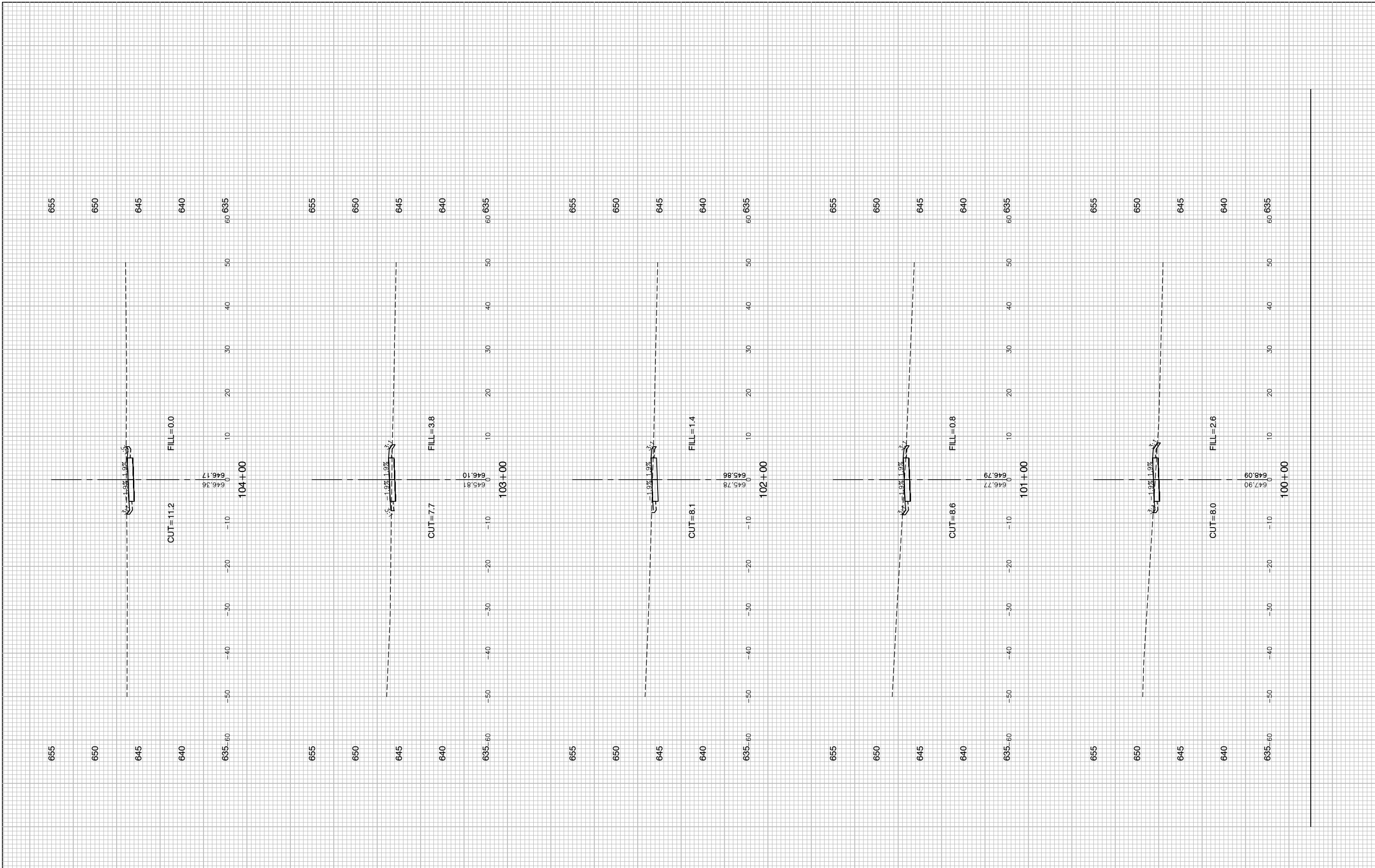
DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 74 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	74
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



FILE NAME = 15311_02-XSEC-01 - X(21)
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 PLOT SCALE =
 PLOT DATE = 03-10-20

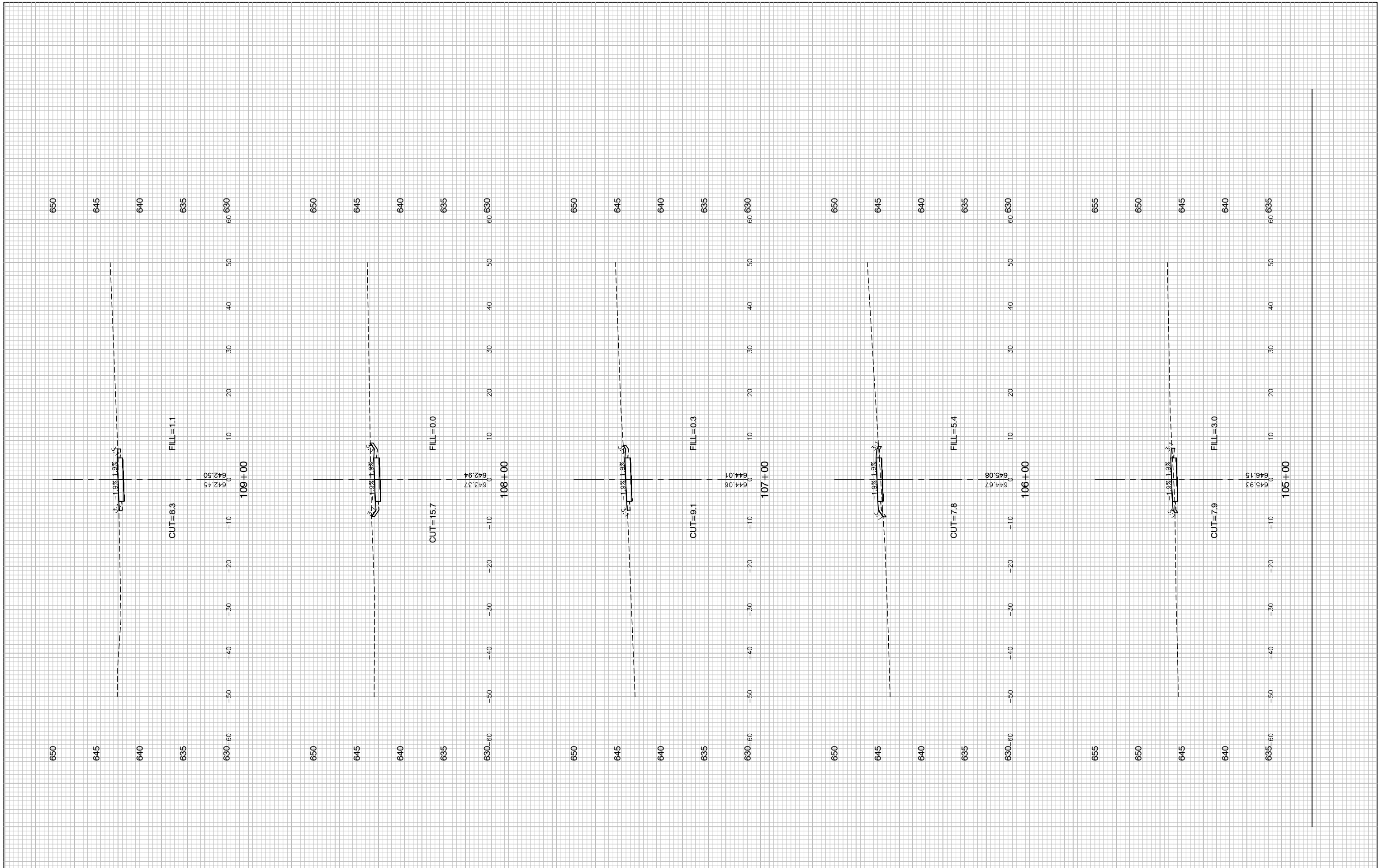
DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 75 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	75
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



FILE NAME = 15311_02-XSEC-01 - X(22)
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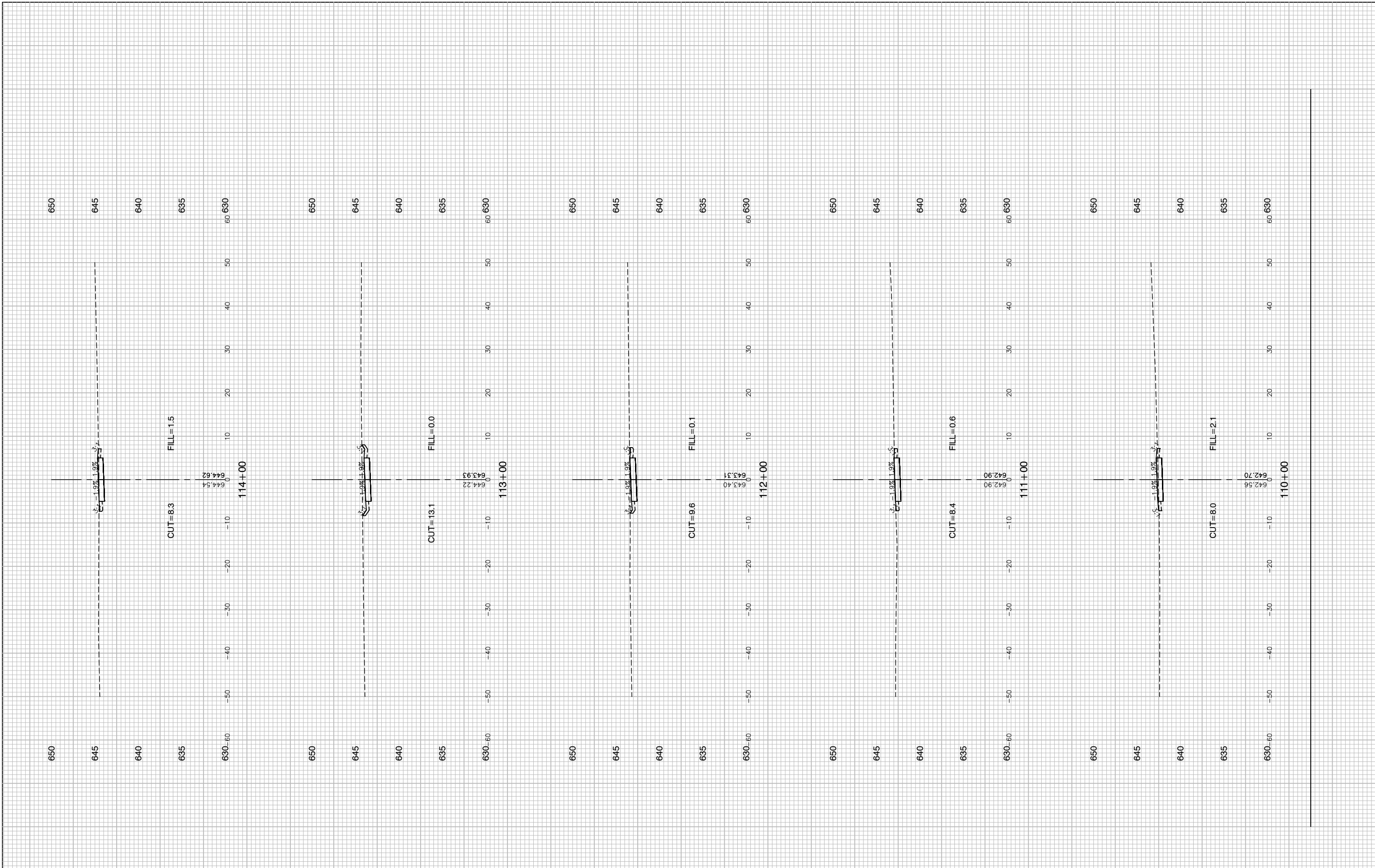
DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 76 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	76
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



FILE NAME = 15311_02-XSEC-01 - X(23)
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 PLOT DATE = 03-10-20

DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

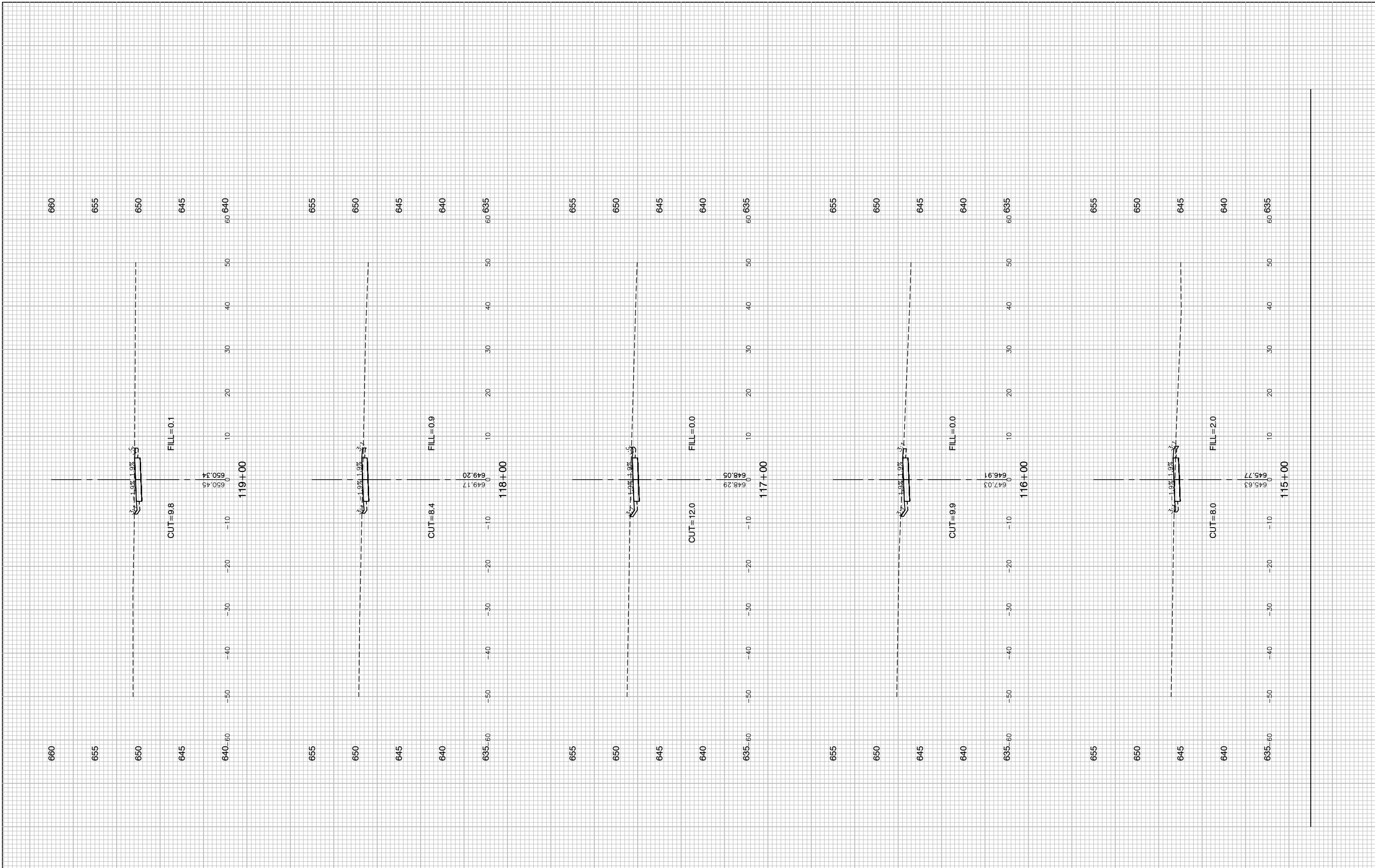
REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 77 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	77
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQGNDEK ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



FILE NAME = 15311_02-XSEC-01 - X(24)
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 PLOT SCALE =
 PLOT DATE = 03-10-20

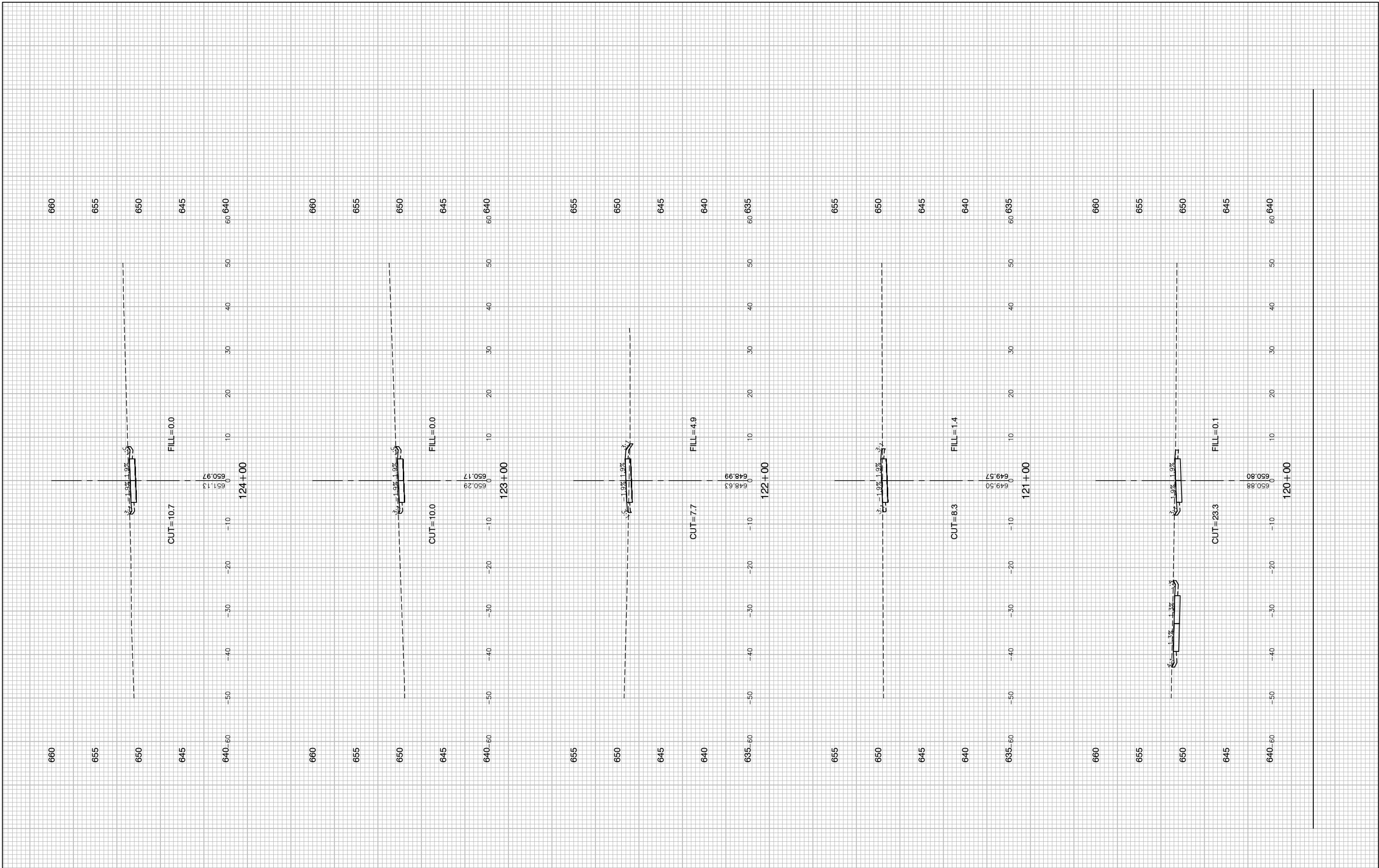
DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 78 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	78
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



FILE NAME = 15311_02-XSEC-01 - X(25)
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 PLOT SCALE =
 PLOT DATE = 03-10-20

DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 79 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	79
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: RQNDKX ON 3/14/20
 PLOTTED BY: KEVIN BURR ON 6/3/20



FILE NAME = 15311_02-XSEC-01 - X(26)
 USER NAME =
 PLOT SCALE =
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DESIGNED — JR	REVISOR —
CHECKED — HLG	REVISOR —
DRAWN — PS	REVISOR —
CHECKED — AG	REVISOR —

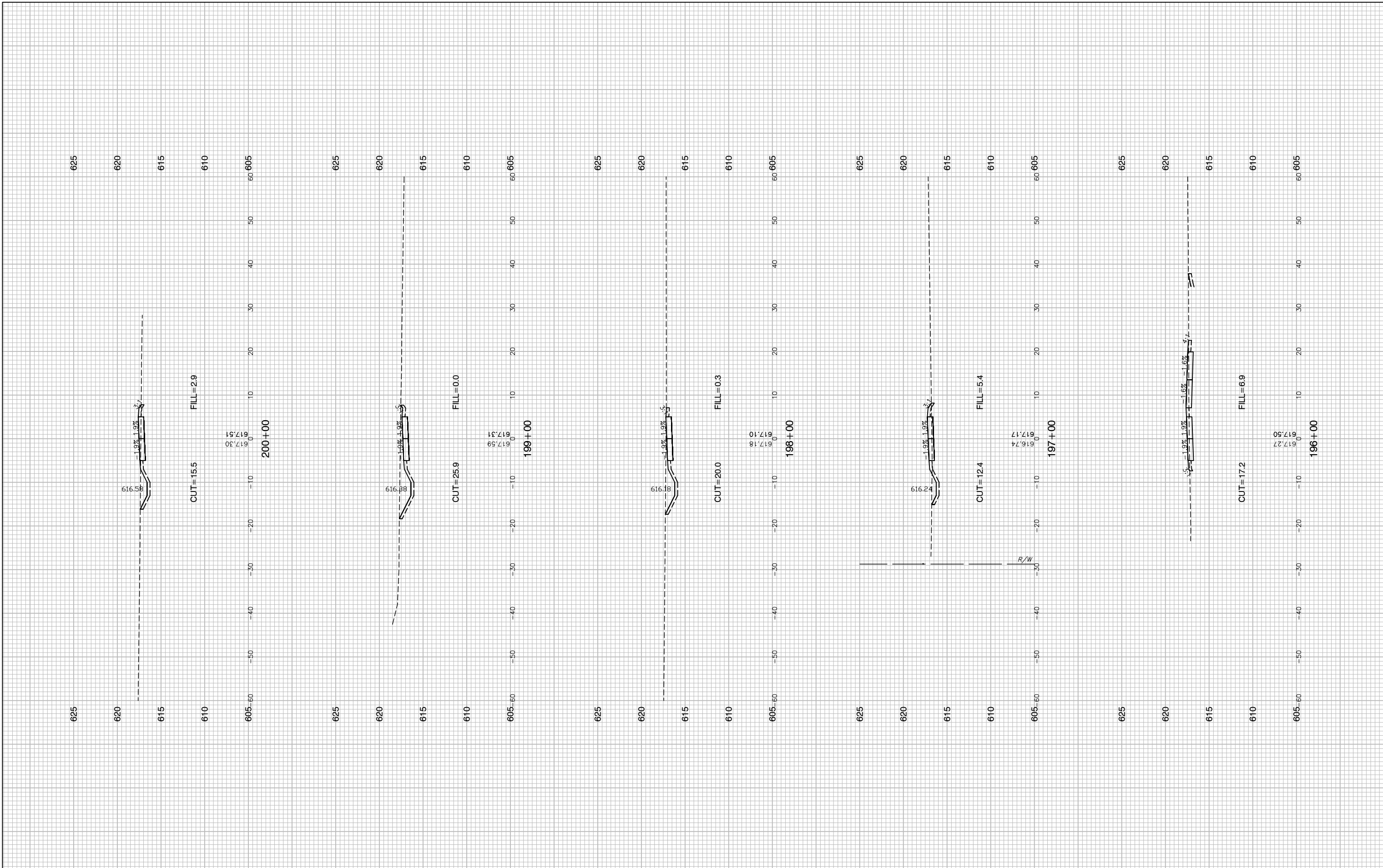
DESIGNED — JR	REVISOR —
CHECKED — HLG	REVISOR —
DRAWN — PS	REVISOR —
CHECKED — AG	REVISOR —

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS**

SCALE: H 1"=5' V 1"=5' SHEET NO. 80 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	80
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT ----	
			CONTRACT NO. 61G28	



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 PLOT SCALE =
 PLOT DATE = 03-10-20

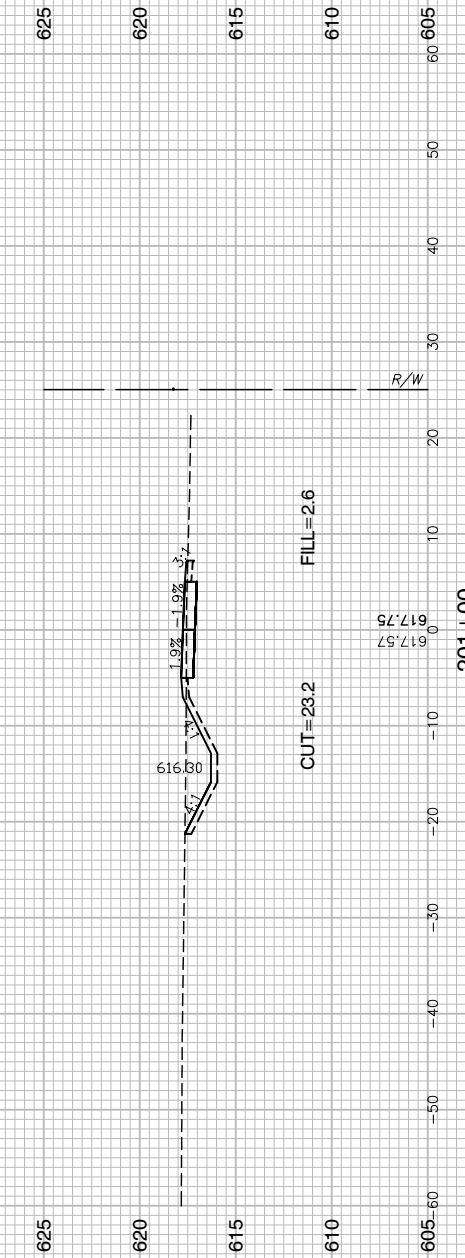
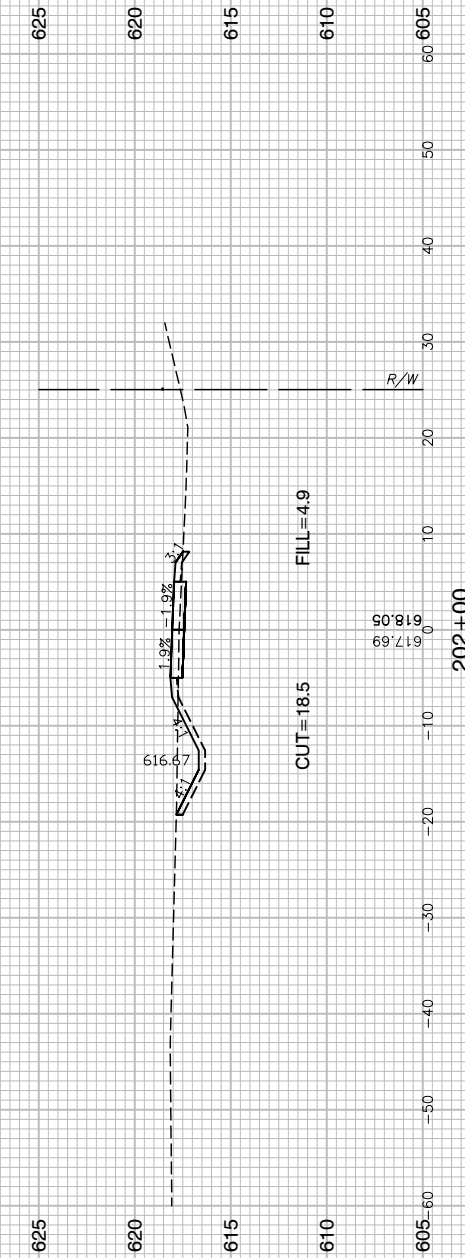
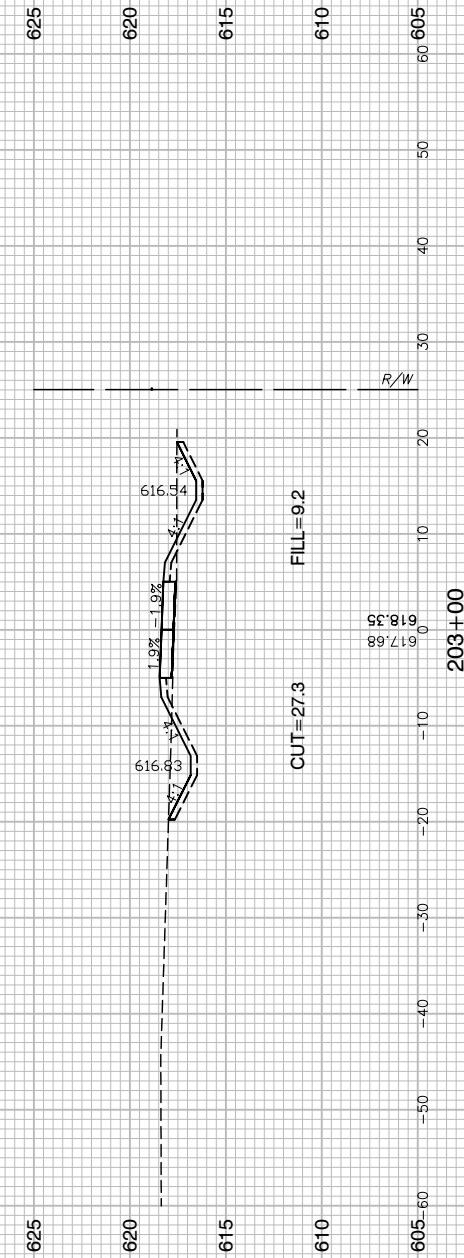
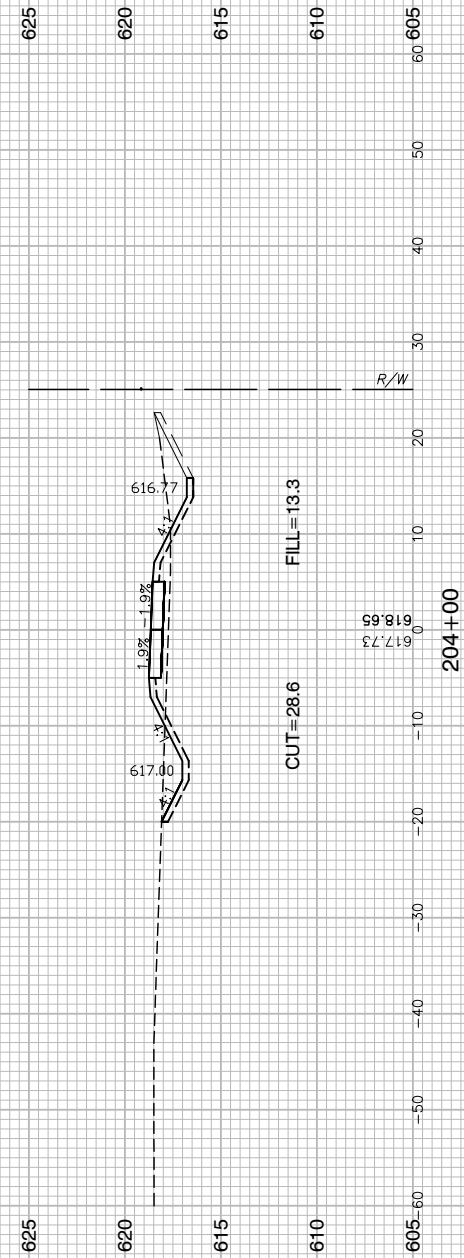
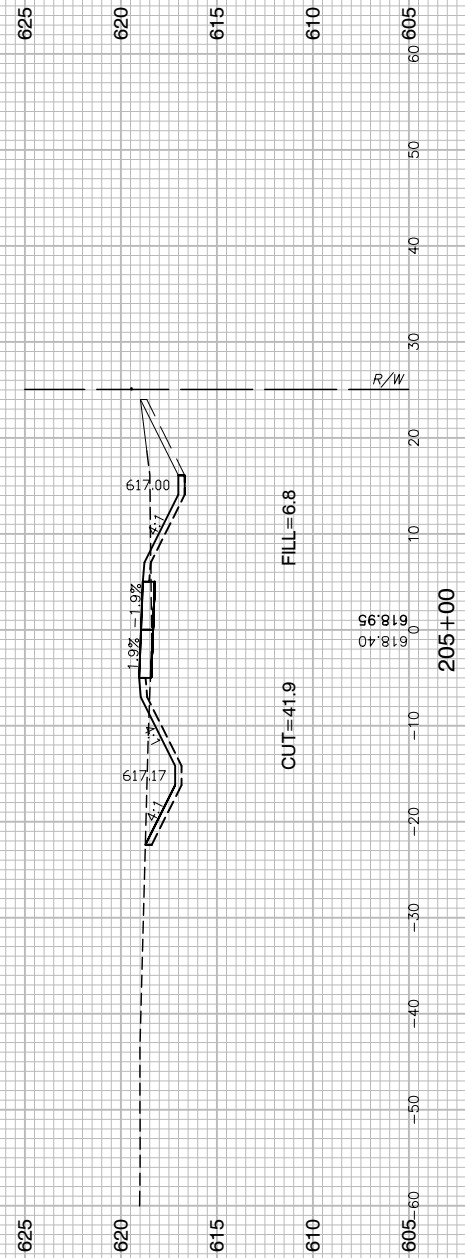
DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

REVISED —
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 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 81 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	81
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----			CONTRACT NO. 61G28	



FILE NAME = 15311_02-XSEC-02 - X(2)

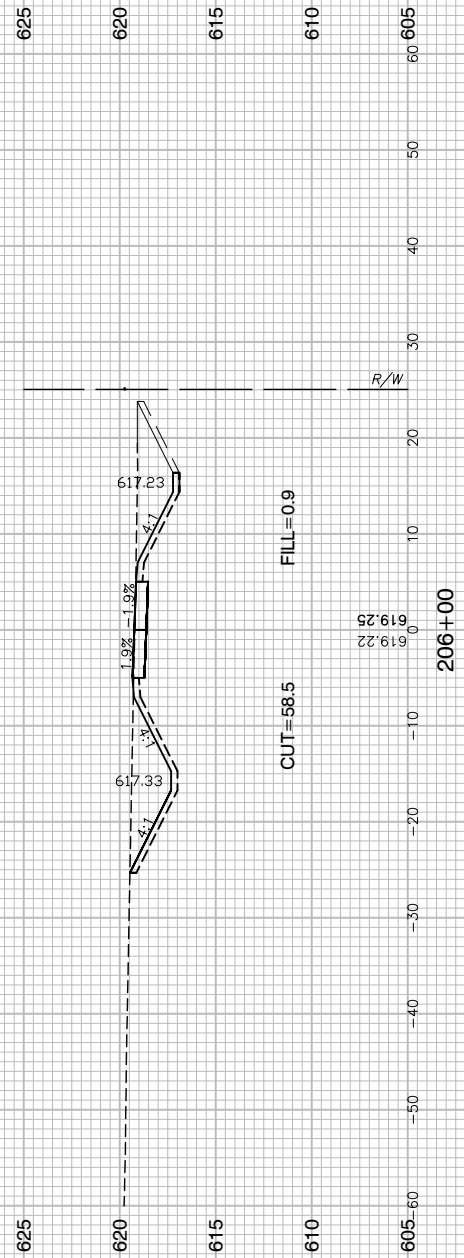
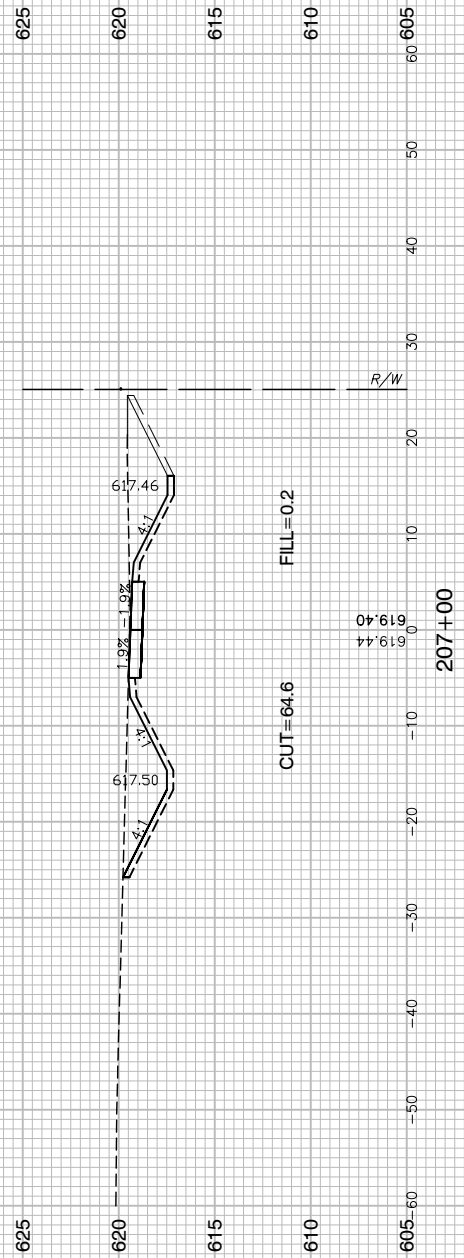
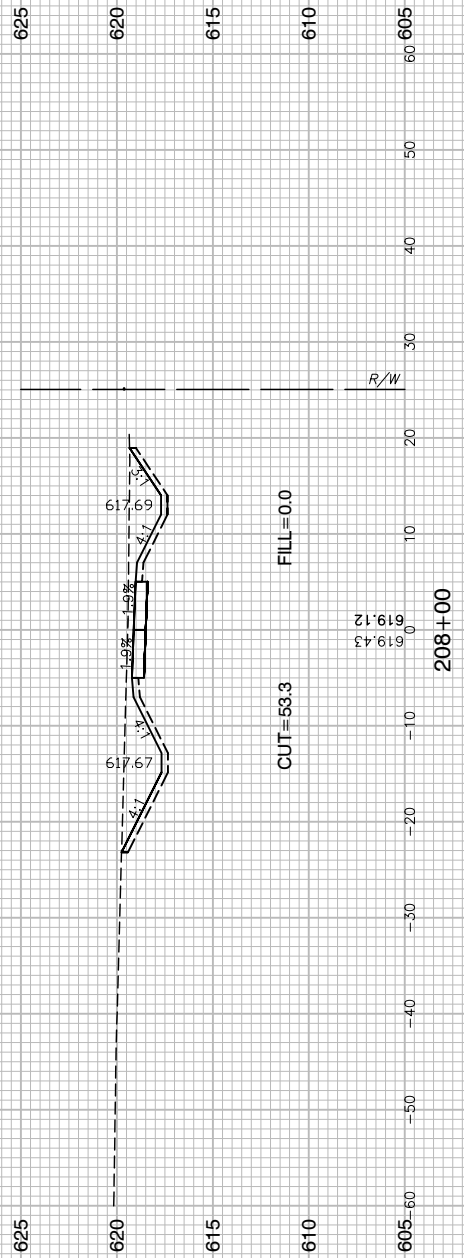
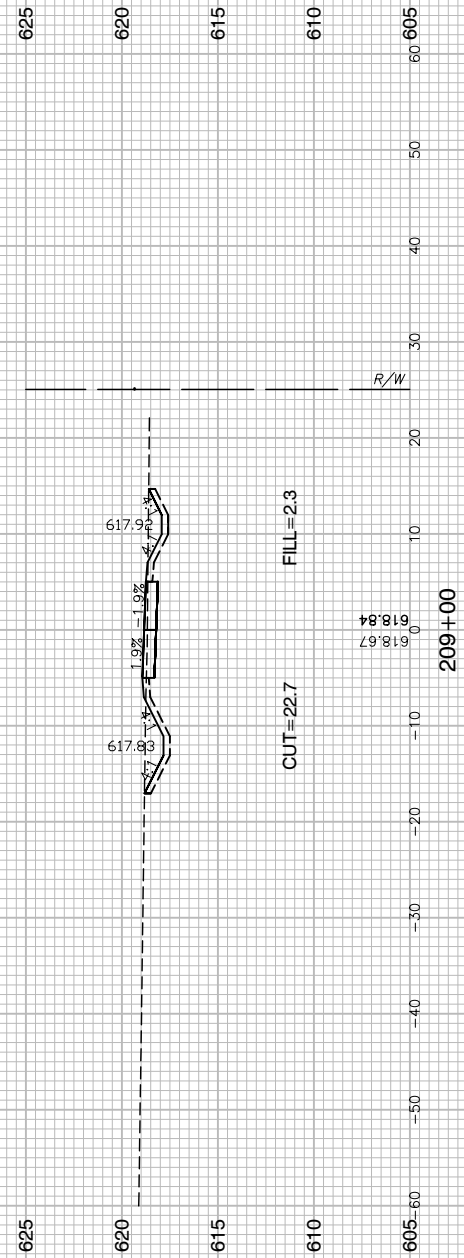
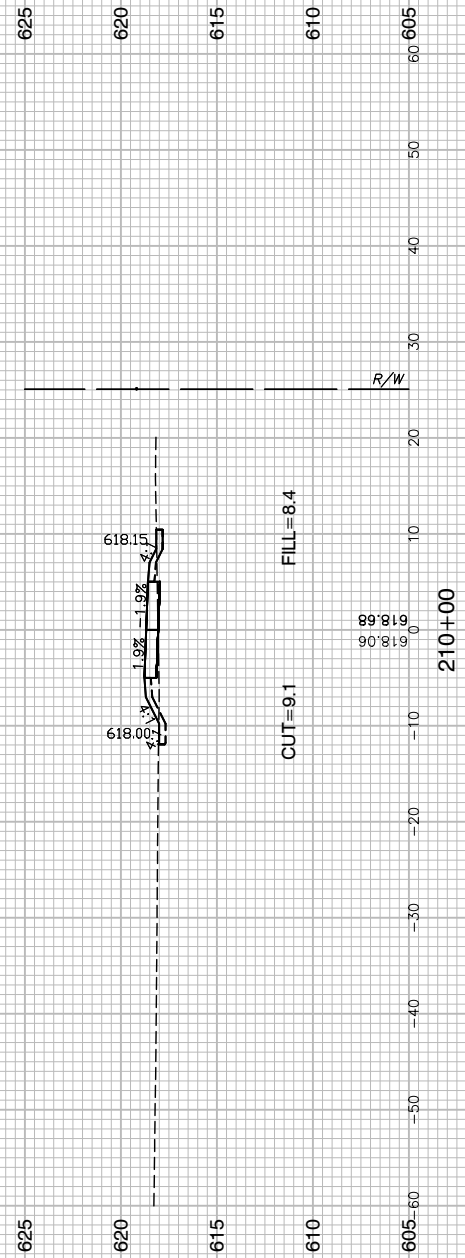
USER NAME =	DESIGNED — JR	REVISED —
	CHECKED — HLG	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 03-10-20	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: H 1"=5' V 1"=5' SHEET NO. 82 OF 91 SHEETS STA. TO STA.

COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	82
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----			CONTRACT NO. 61G28	

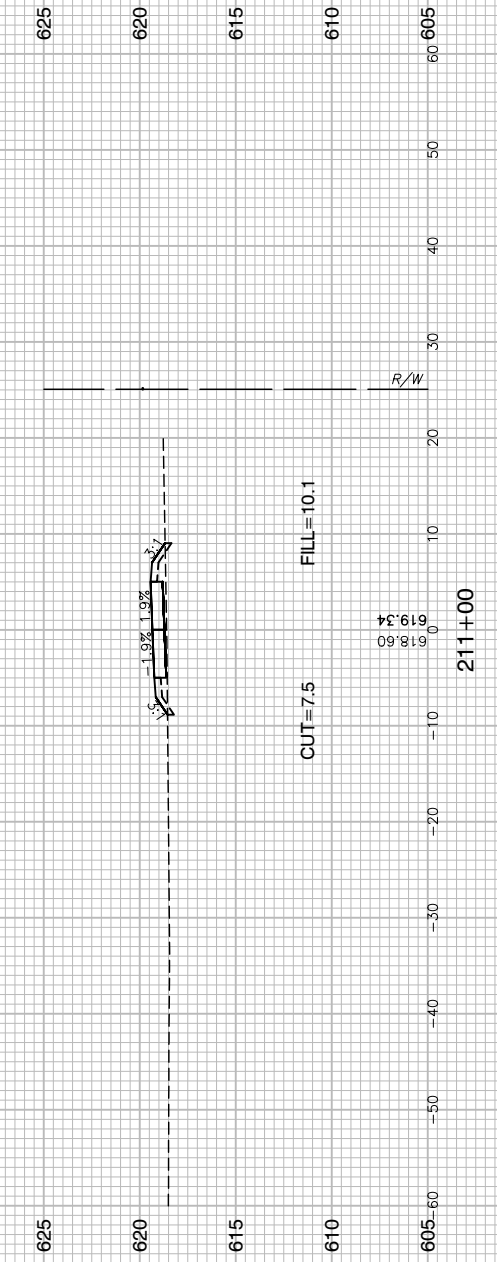
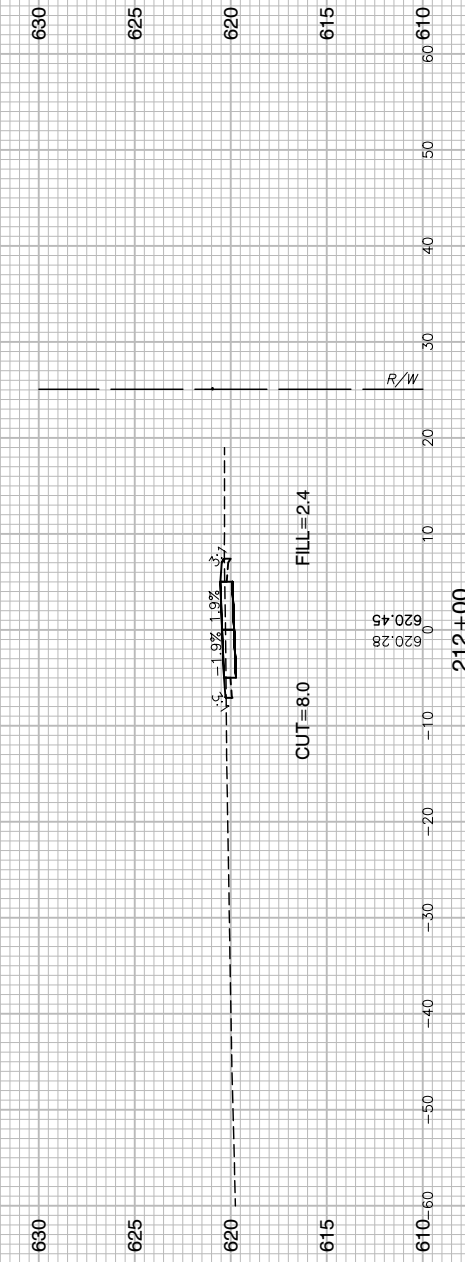
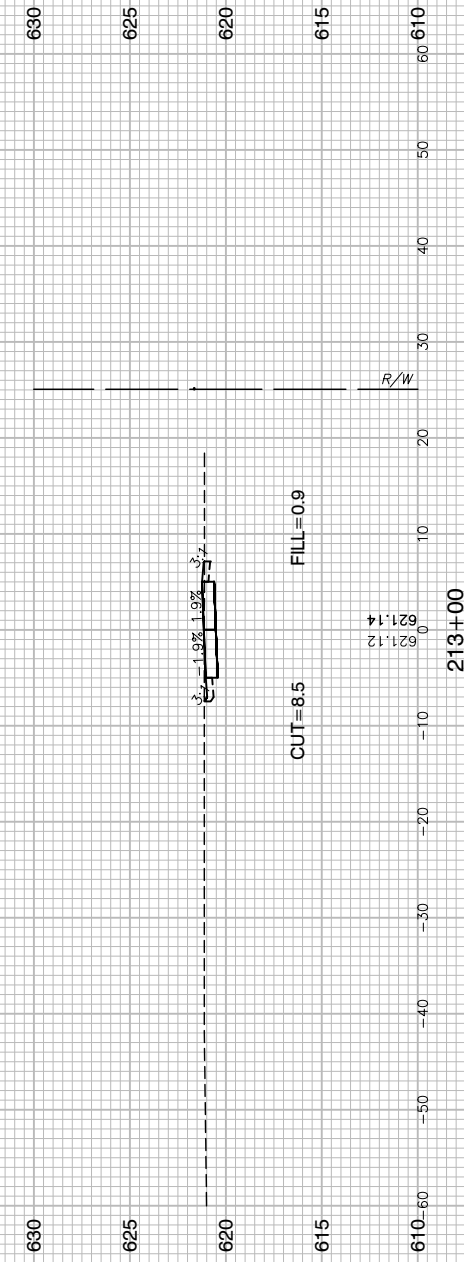
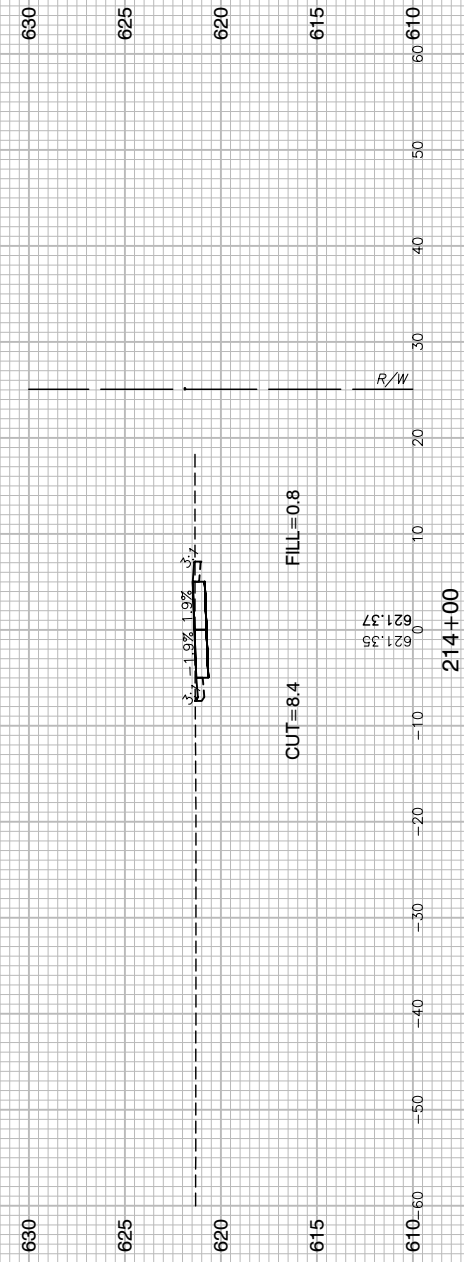
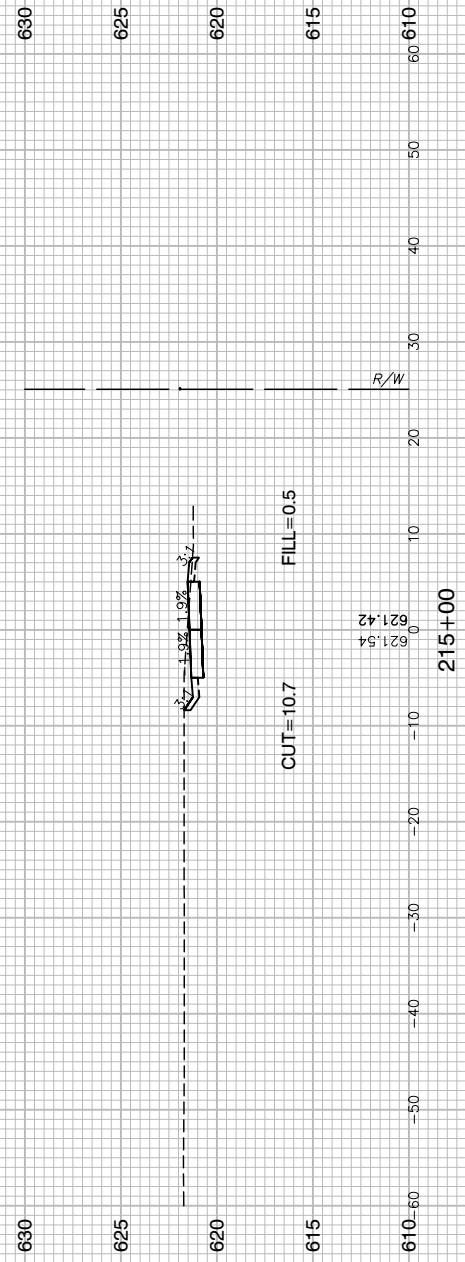


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	PLOT DATE = 03-10-20	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW COMED MULTI-USE TRAIL CROSS SECTIONS			
SCALE: H 1"=5' V 1"=5'	SHEET NO. 83	OF 91 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	83
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



FILE NAME = 15311_02-XSEC-02 - X(4)

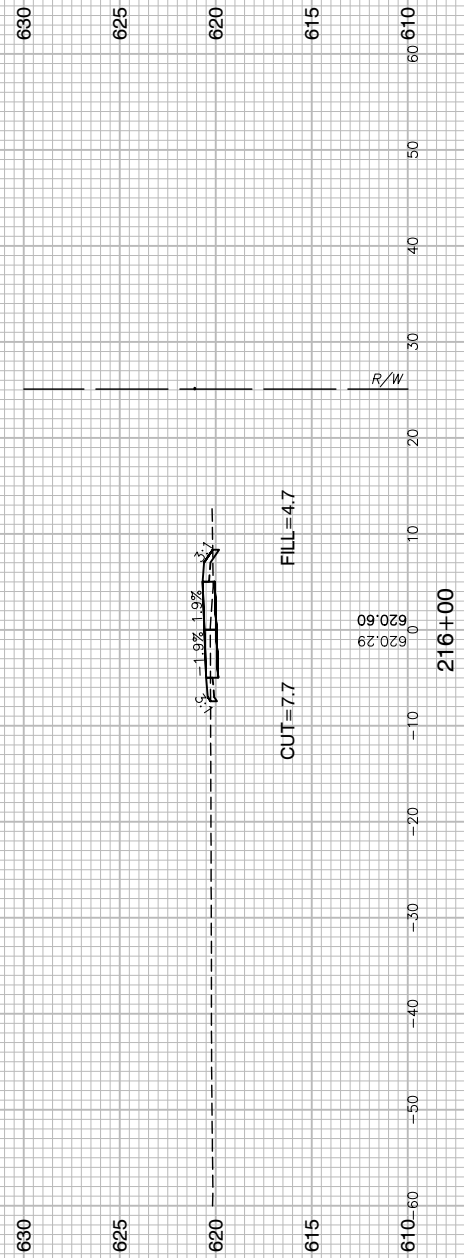
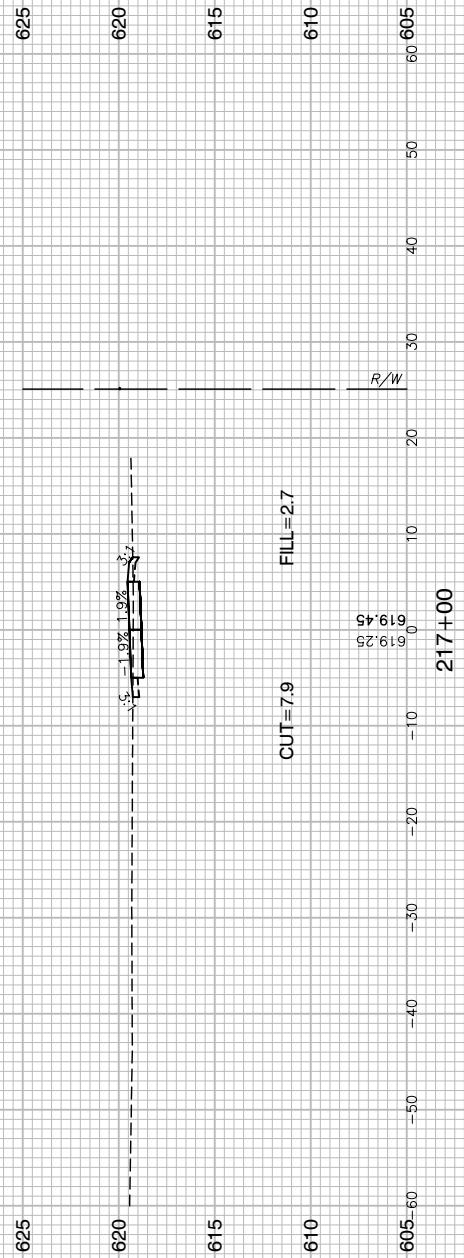
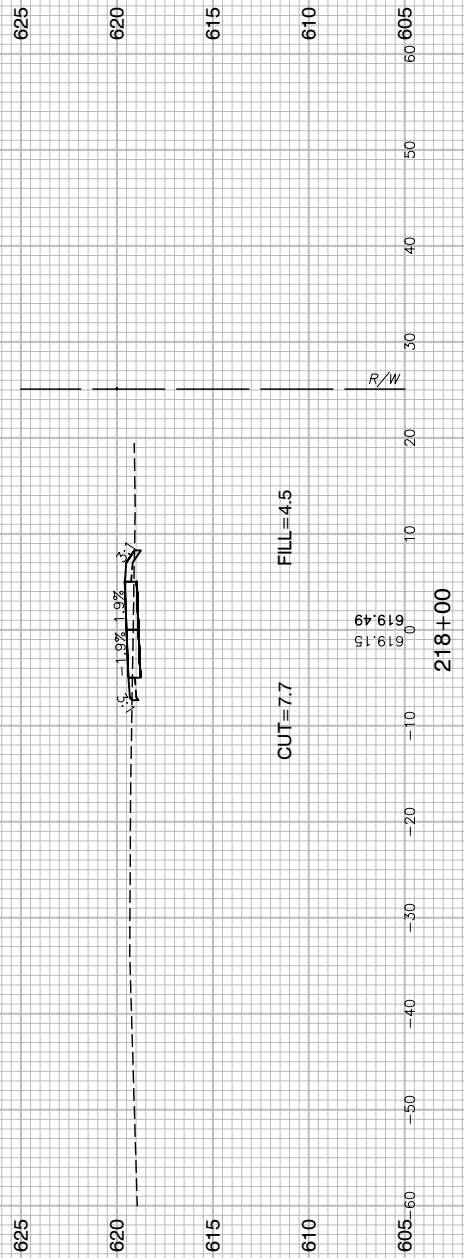
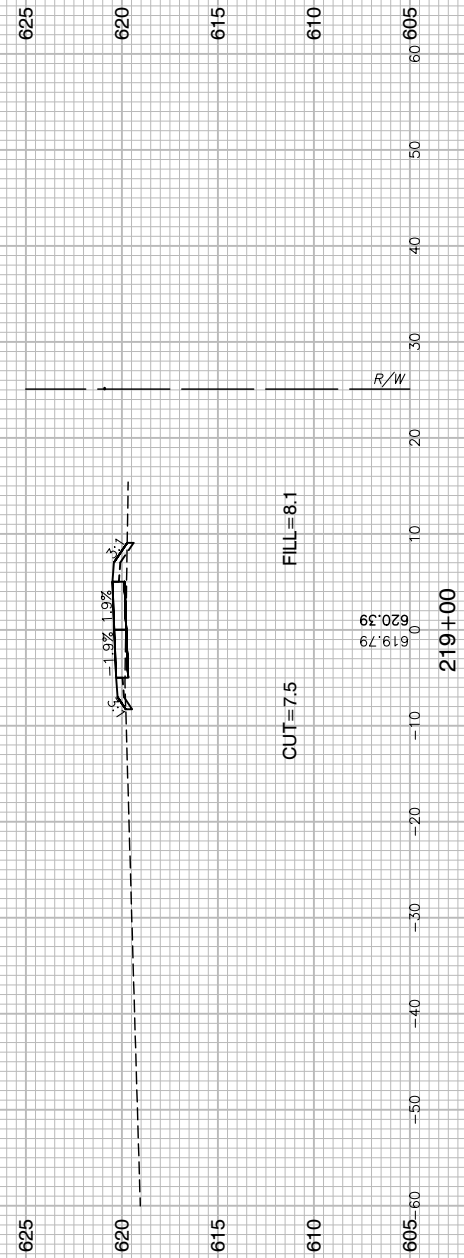
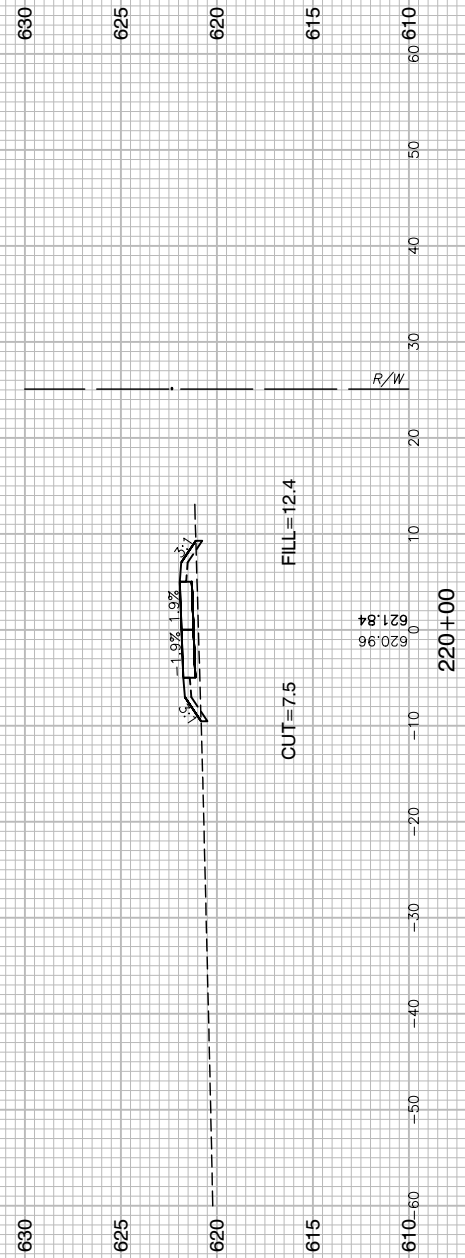
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	CHECKED — HLG	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 03-10-20	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS

SCALE: H 1"=5' V 1"=5' SHEET NO. 84 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	84
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	---	



FILE NAME = 15311_02-XSEC-02 - X(5)

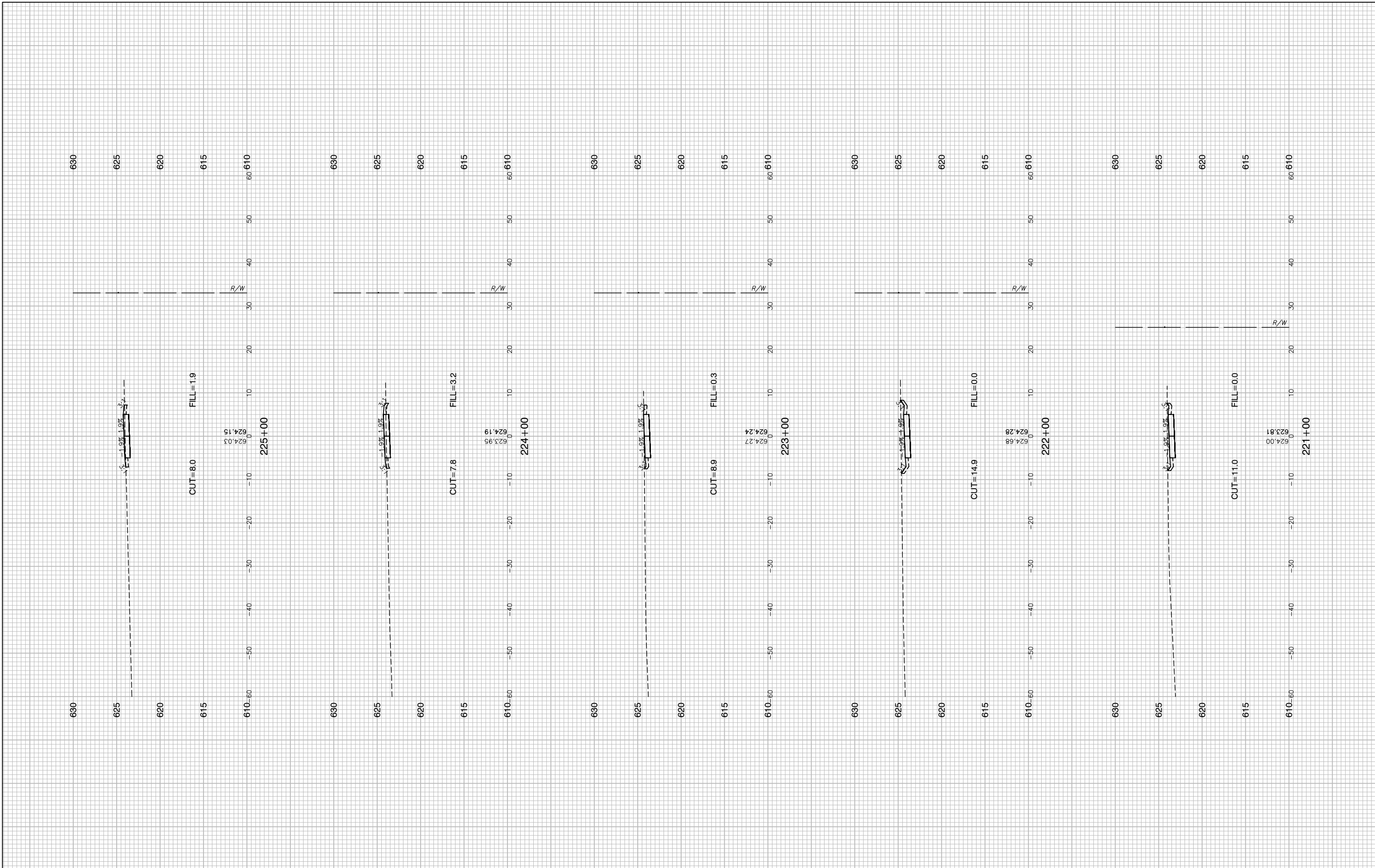
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	CHECKED — HLG	REVISED —
PLOT SCALE =	DRAWN — PS	REVISED —
PLOT DATE = 03-10-20	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS

SCALE: H 1"=5' V 1"=5' SHEET NO. 85 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	85
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----			CONTRACT NO. 61G28	



FILE NAME = 15311_02-XSEC-02 - X(8)	USER NAME =	DESIGNED -- JR	REVISED --
		CHECKED -- HLG	REVISED --
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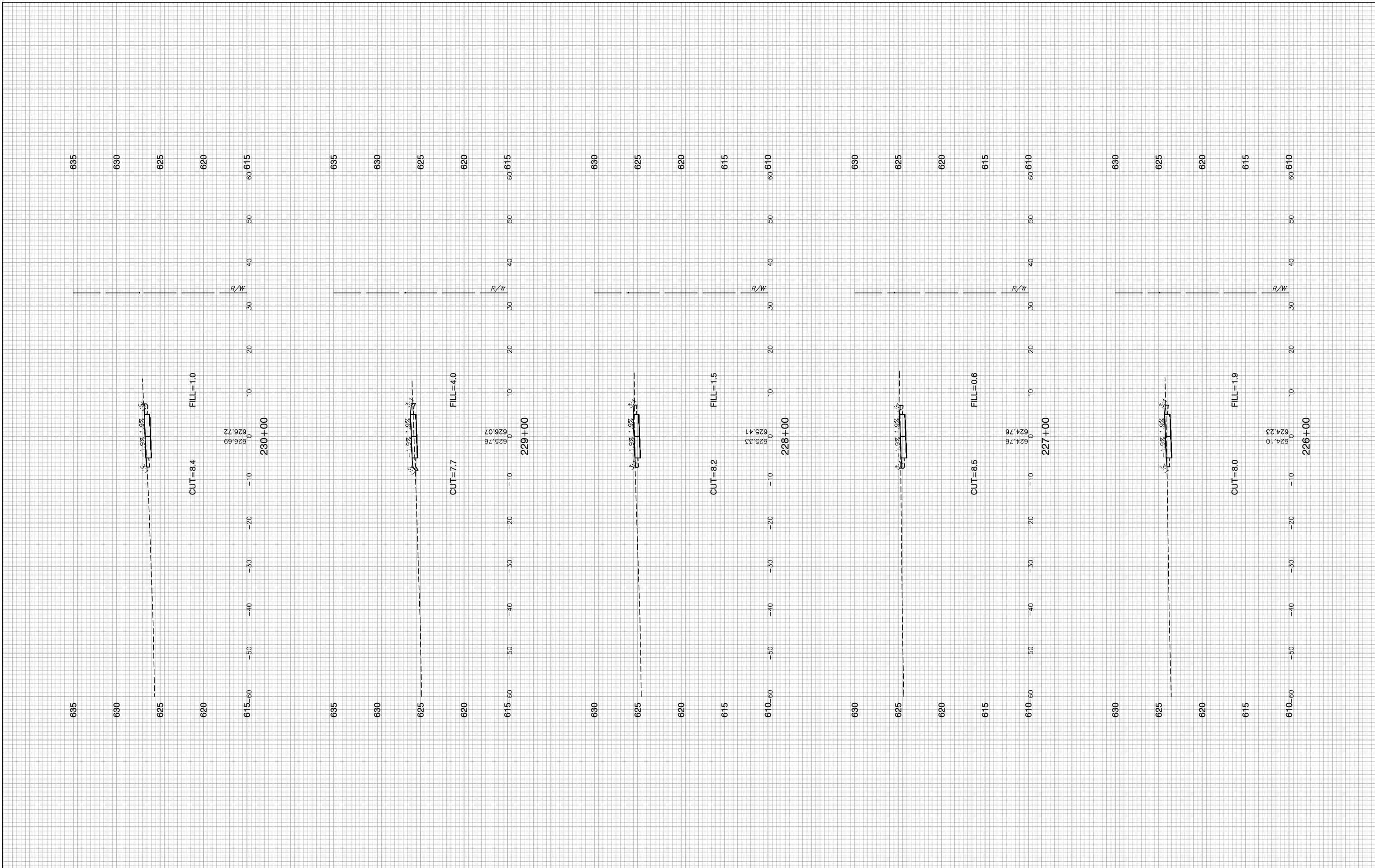
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS**

SCALE: H 1"=5' V 1"=5' SHEET NO. 86 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	86
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

AST SAVED BY: KIMJHR ON 1/6/20
LOTTED BY: KEVIN MUIR ON 6/1/20



FILE NAME = 15311_02-XSEC-02 - X(7)	USER NAME =	DESIGNED -- JR	REVISED --
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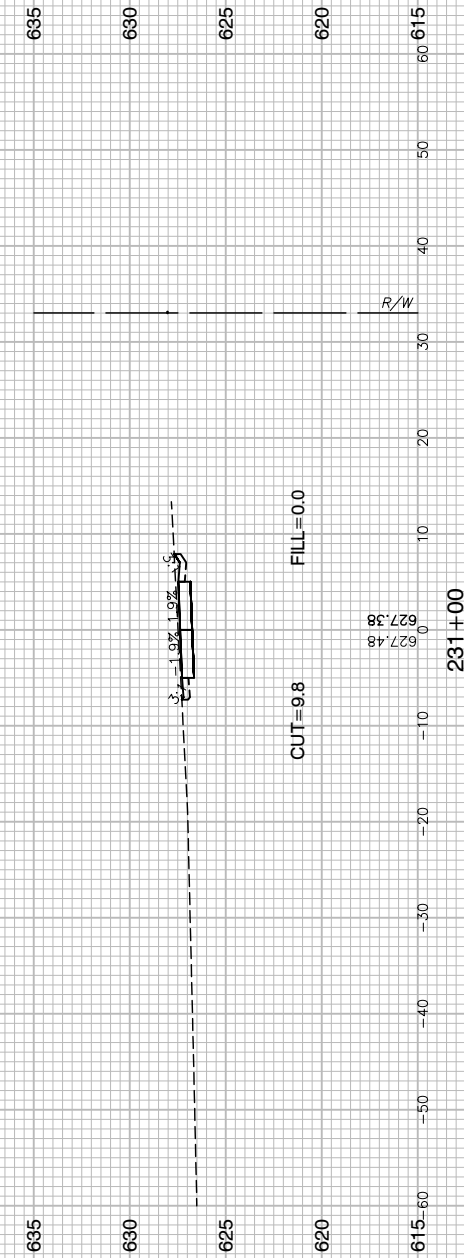
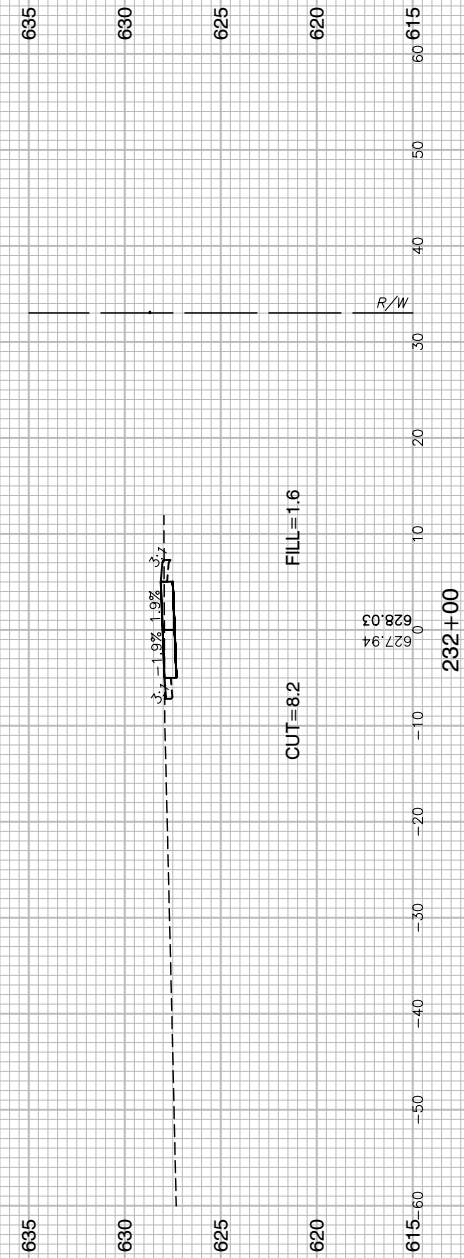
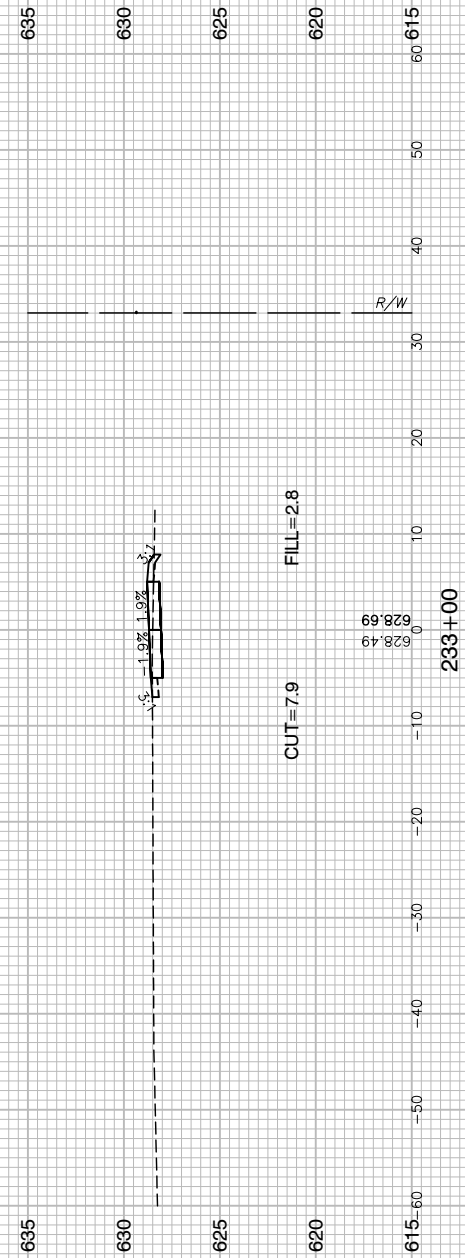
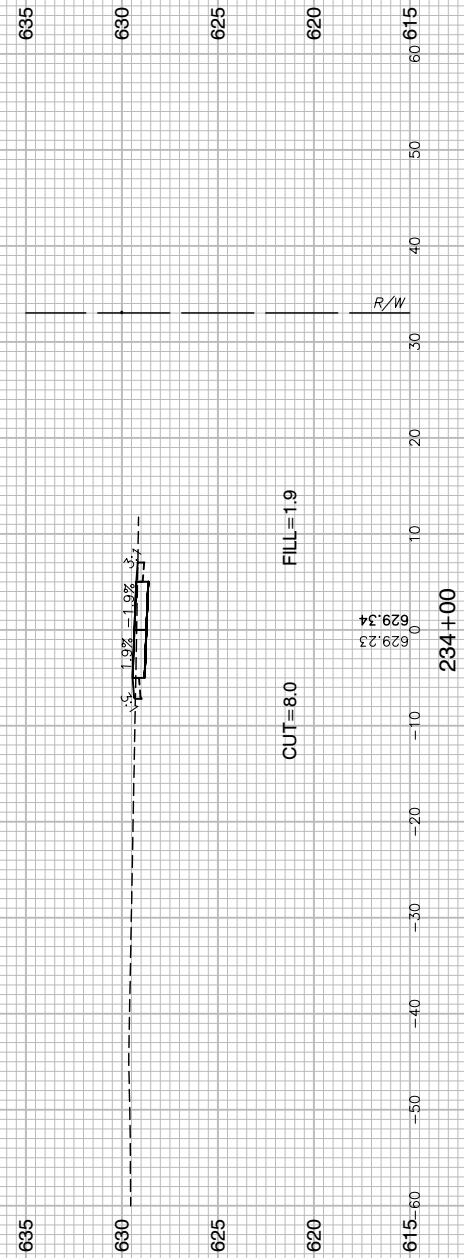
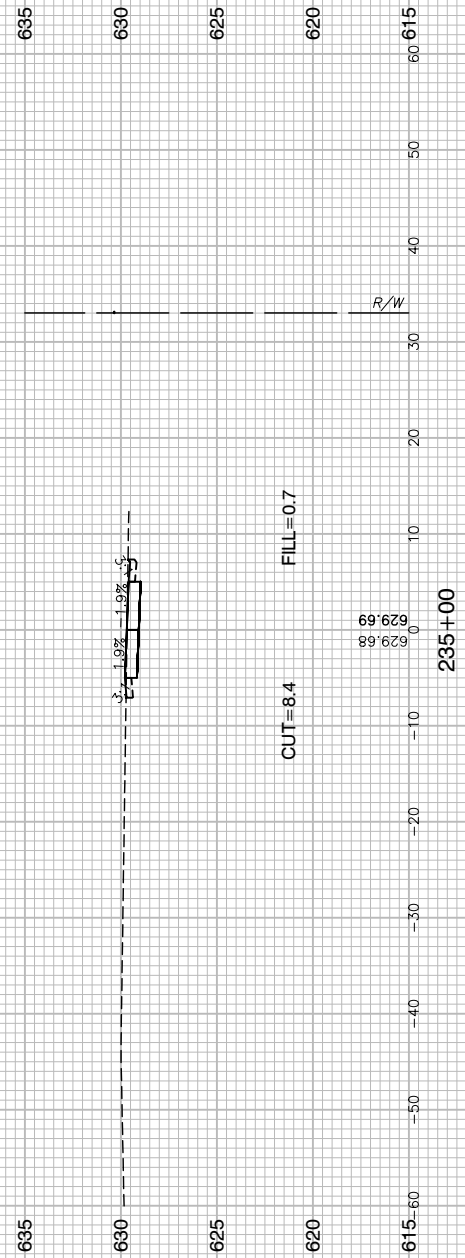
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS**

SCALE: H 1"=5' V 1"=5' SHEET NO. 87 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	87
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

LAST SAVED BY: KIMJHR ON 1/9/20
PLOT BY: KEVIN MURPHY ON 6/1/20



FILE NAME = 15311_02-XSEC-02 - X(8)

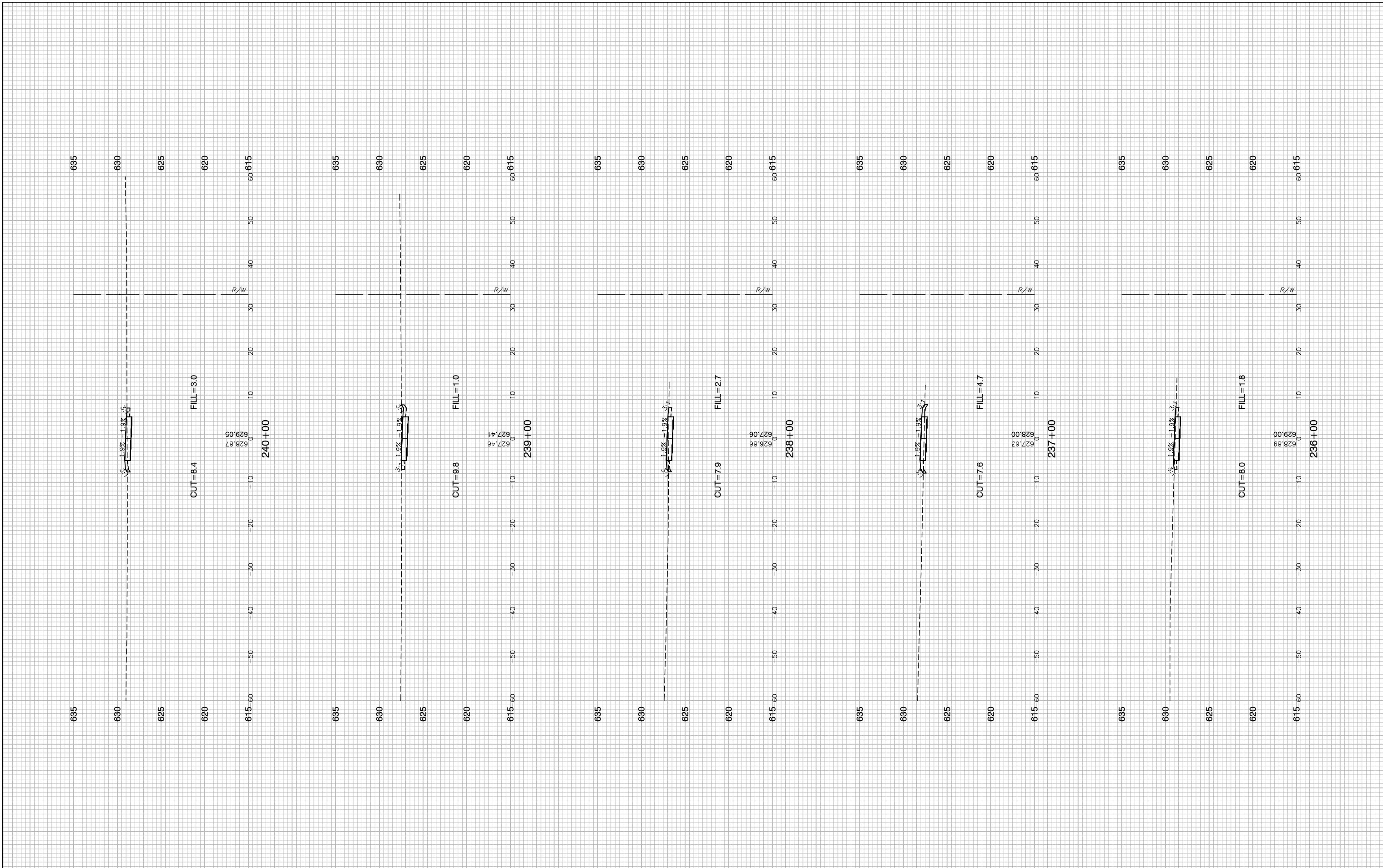
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	CHECKED -- HLG	REVISED --
PLOT SCALE =	DRAWN -- PS	REVISED --
PLOT DATE = 03-10-20	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMED ROW
COMED MULTI-USE TRAIL
CROSS SECTIONS

SCALE: H 1"=5' V 1"=5' SHEET NO. 88 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	88
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				



FILE NAME = 15311_02-XSEC-02 - X(9)
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 PLOT DATE = 03-10-20

DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

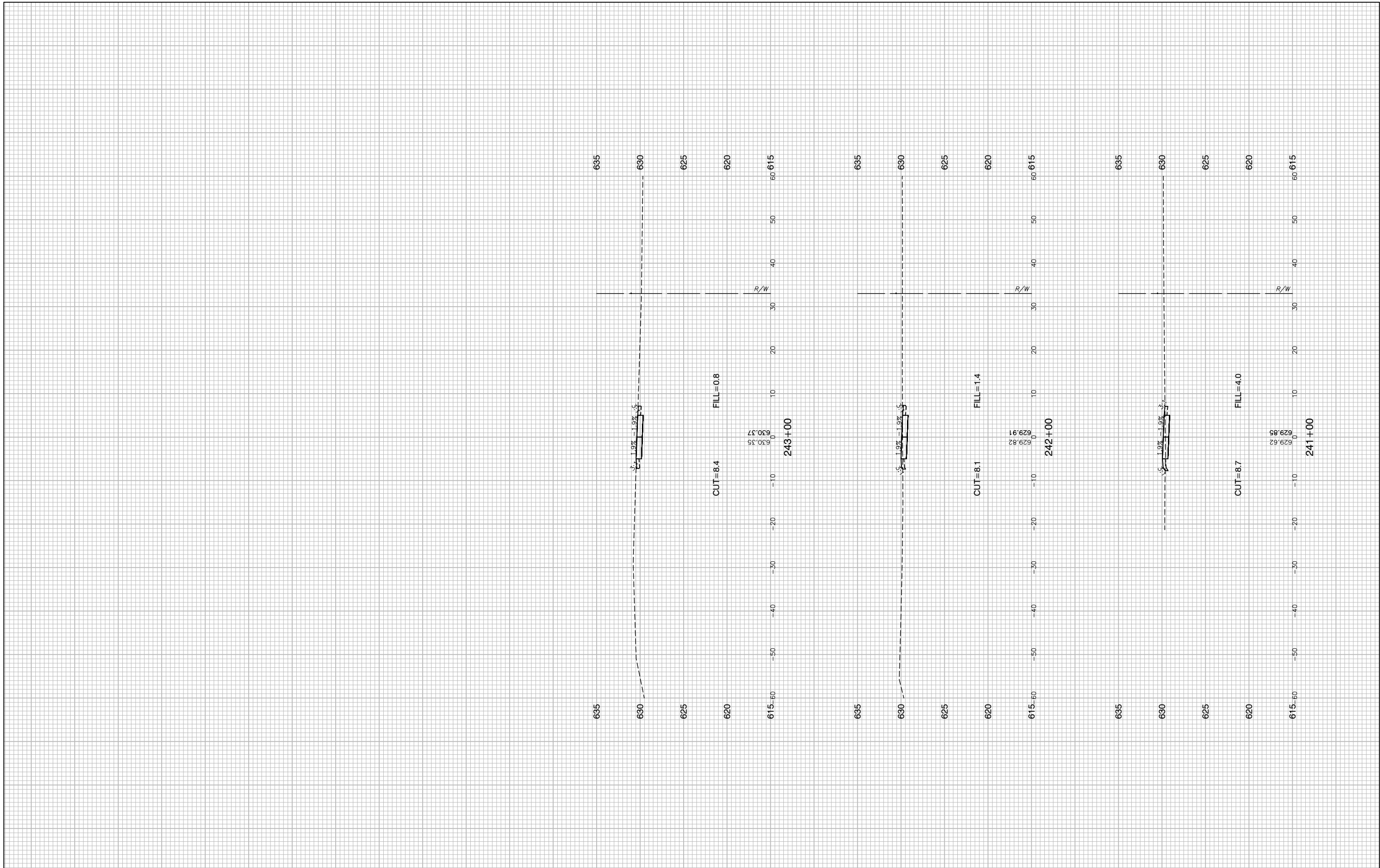
REVISED —
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 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 89 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	89
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----				

AST SAVED BY: KIMJHR ON 1/6/20
 PLOTTED BY: KEVIN MUIR ON 6/1/20



FILE NAME = 15311_02-XSEC-02 - X(10)
 USER NAME =
 PLOT SCALE =
 PLOT DATE = 03-10-20

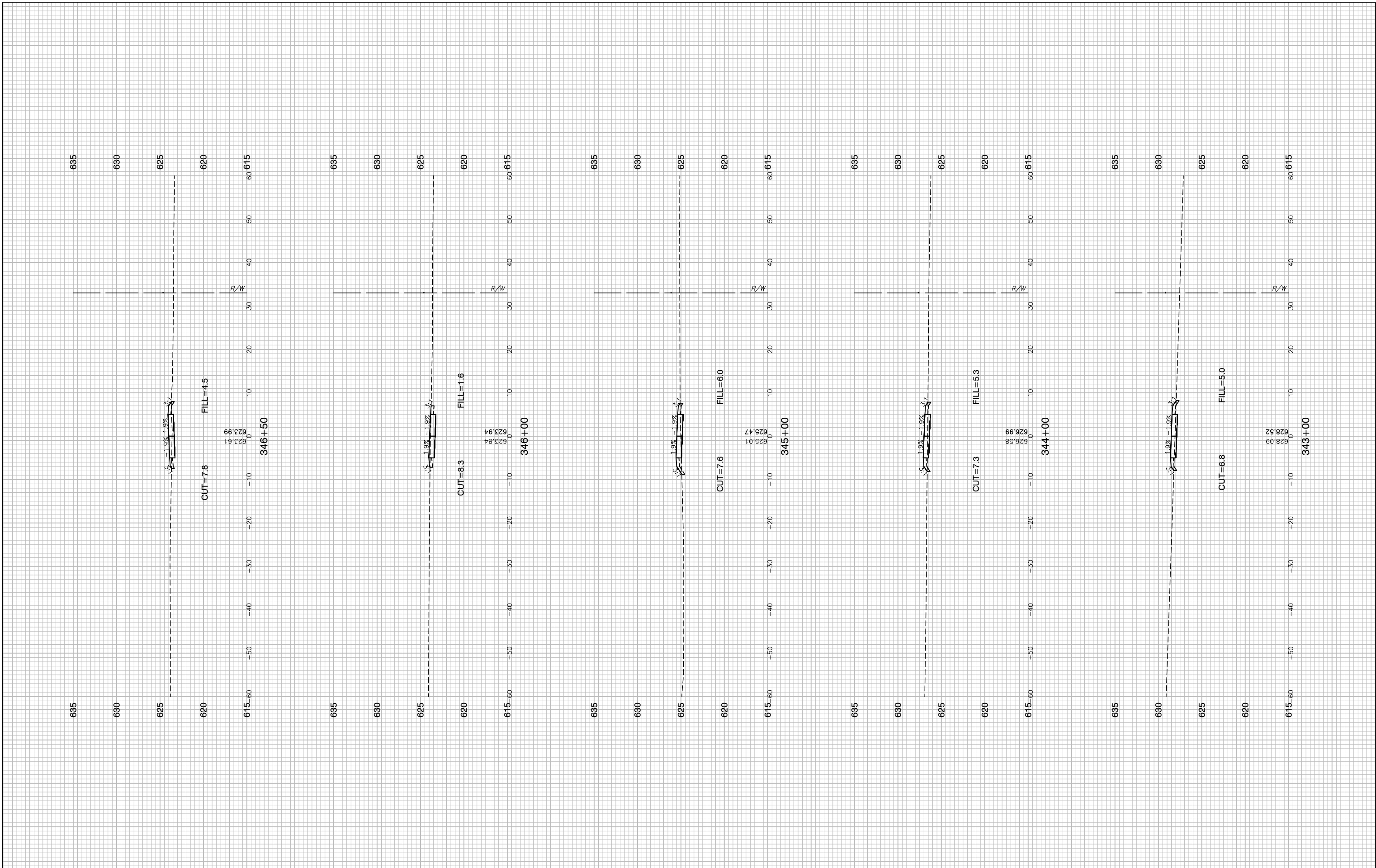
DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 90 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	90
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ----			CONTRACT NO. 61G28	



FILE NAME = 15311_02-XSEC-02 - X(11)
 USER NAME =
 PLOT SCALE =
 PLOT DATE = 03-10-20

DESIGNED — JR
 CHECKED — HLG
 DRAWN — PS
 CHECKED — AG

REVISED —
 REVISED —
 REVISED —
 REVISED —

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

COMED ROW
 COMED MULTI-USE TRAIL
 CROSS SECTIONS
 SCALE: H 1"=5' V 1"=5' SHEET NO. 91 OF 91 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	15-00063-00-BT	WILL	91	91
CONTRACT NO. 61G28				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	----	