

FOR INDEX OF SHEETS, SEE SHEET NO. 2 03-10-2023 LETTING ITEM 151

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA

DESIGN DESIGNATIONS:

COLLINS ROAD = URBAN COLLECTOR
 MINKLER ROAD = MAJOR COLLECTOR
 GROVE ROAD = MINOR ARTERIAL

ADT:

COLLINS ROAD = 11,000 (2040)
 MINKLER ROAD = 13,000 (2040)
 GROVE ROAD = 9,000 (2040)

DESIGN SPEED:

COLLINS ROAD = 45 MPH
 MINKLER ROAD = 45 MPH
 GROVE ROAD = 45 MPH

POSTED SPEED:

COLLINS ROAD = 45 MPH
 MINKLER ROAD = 45 MPH
 GROVE ROAD = 45 MPH

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
**PLANS FOR PROPOSED
 FEDERAL AID HIGHWAY**

FAU ROUTE 2514 / COLLINS ROAD
 FAU ROUTE 3792 / MINKLER ROAD
 FAU ROUTE 2507 / GROVE ROAD
 SECTION 19-00154-00-FP
 PROJECT YJBY(239)

**COLLINS ROAD EXTENSION FROM MINKLER ROAD
 TO GROVE ROAD AND MINKLER ROAD
 ROADWAY RECONSTRUCTION
 KENDALL COUNTY**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	1
		ILLINOIS	CONTRACT NO. 87800	



LOCATION OF SECTION INDICATED THIS: - [Symbol]

HRGreen
 2363 SEQUOIA DRIVE, SUITE 101 | AURORA, ILLINOIS 60506
 Phone: 630.553.7560 | Toll Free: 800.728.7805 | Fax: 630.553.7646 | HRGreen.com
 ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

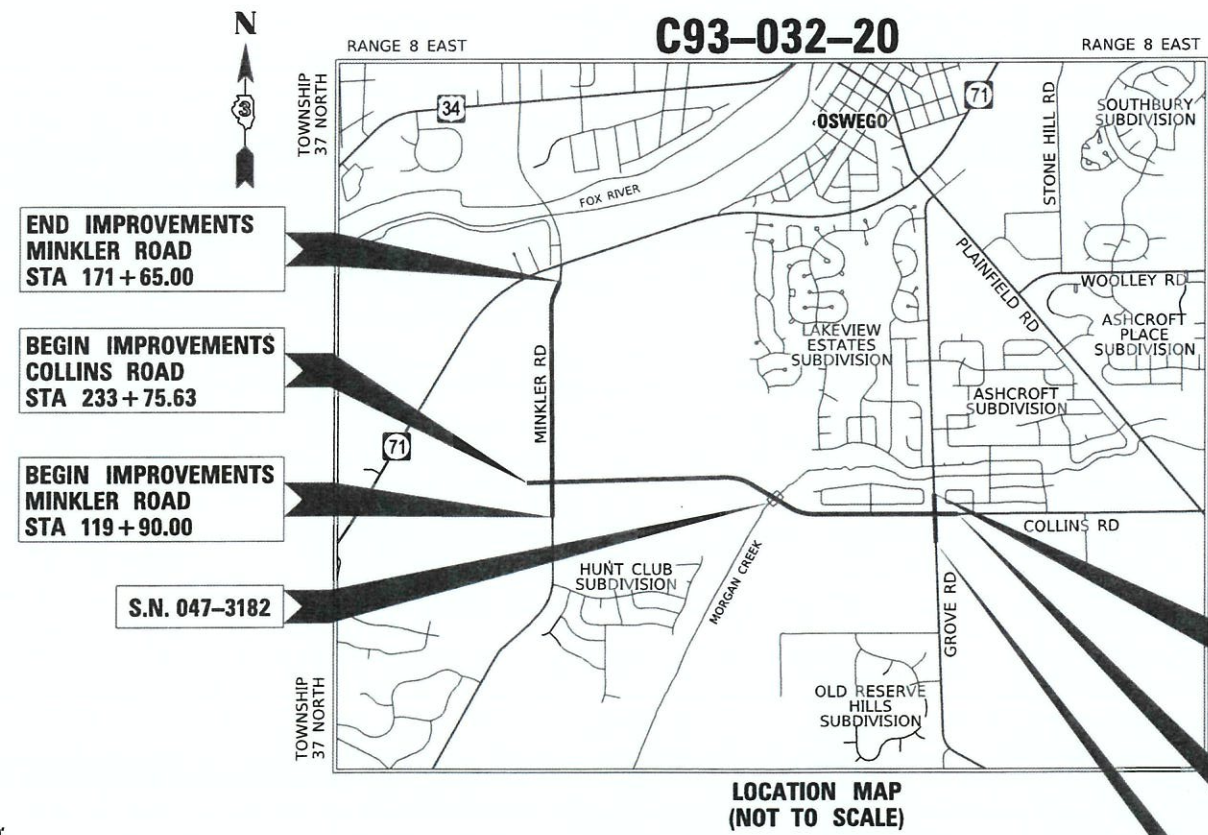
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APPROVED October 21, 2022
 [Signature]
 KENDALL COUNTY ENGINEER

PASSED NOVEMBER 9, 2022
 [Signature]
 DISTRICT 3 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED ON LIMITED
 REVIEW NOVEMBER 9, 2022
 [Signature]
 REGION 2 ENGINEER

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



END IMPROVEMENTS
 MINKLER ROAD
 STA 171 + 65.00

BEGIN IMPROVEMENTS
 COLLINS ROAD
 STA 233 + 75.63

BEGIN IMPROVEMENTS
 MINKLER ROAD
 STA 119 + 90.00

S.N. 047-3182

Jason M. Roitburd
 JASON M. ROITBURD, P.E.
 NO. 062-065592
 EXPIRES: 11/30/2023
 HR GREEN, INC.
 (APPLIES TO SHEETS 1-142, 164-312)

William D. Stermer
 WILLIAM D. STERMER, P.E.
 NO. 062-060936
 EXPIRES: 11/30/2023
 TRANSMART
 (APPLIES TO SHEETS 143-147)

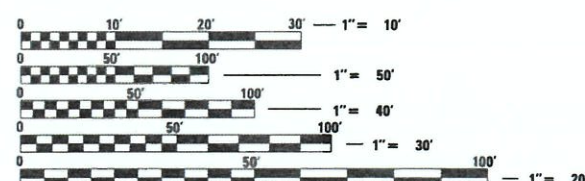
Andrew E. Underwager
 ANDREW E. UNDERWAGER, P.E., S.E.
 NO. 081-006218
 EXPIRES: 11/30/2024
 HR GREEN, INC.
 (APPLIES TO SHEETS 148-155)

Steven L. Schwarz
 STEVEN L. SCHWARZ, P.E., S.E.
 NO. 081-006011
 EXPIRES: 11/30/2022
 HR GREEN, INC.
 (APPLIES TO SHEETS 156-163)



PROJECT GROSS AND NET LENGTHS:
 COLLINS ROAD = 9,353.37 FEET (1.77 MILES)
 MINKLER ROAD = 5175.00 FEET (0.98 MILES)
 GROVE ROAD = 1075.00 FEET (0.20 MILES)
 TOTAL = 15603.37 FEET (2.96 MILES)

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



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.

CONTRACT NO. 87800

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LIST OF HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
601001-05	PIPE UNDERDRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAIN
602301-04	INLET, TYPE A
602401-07	PRECAST MANHOLE, TYPE A, 4' (1.22 M) DIAMETER
602402-03	PRECAST MANHOLE, TYPE A, 5' (1.52 M) DIAMETER
602406-11	PRECAST MANHOLE, TYPE A, 6' (1.83 M) DIAMETER
602411-09	PRECAST MANHOLE, TYPE A, 7' (2.13 M) DIAMETER
602416-09	PRECAST MANHOLE, TYPE A, 8' (2.44 M) DIAMETER
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-05	FRAME AND LIDS, TYPE 1
604036-03	GRATE, TYPE 8
604051-04	FRAME AND GRATE, TYPE 11
604091-05	FRAME AND GRATE, TYPE 24
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
666001-01	RIGHT-OF-WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
821101-02	LUMINAIRE WIRING IN POLE
825026-04	LIGHTING CONTROLLER, BASE MOUNTED, 480V
830001-03	LIGHT POLE ALUMINUM MAST ARM
836001-04	LIGHT POLE FOUNDATION
838001-01	BREAKAWAY DEVICES
878001-11	CONCRETE FOUNDATION DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_Index.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		INDEX OF SHEETS		LIST OF HIGHWAY STANDARDS	
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	2
			CONTRACT NO. 87800	
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

PAVING

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

SEWER AND WATER MAIN

THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING AND AFTER THE CONSTRUCTION. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE OF THE APPLICABLE DRAINAGE ITEMS.

WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. CONTRACTOR SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT ROADSIDE DRAINAGE SYSTEM IS BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

BEFORE ORDERING PIPE CULVERTS OR STORM SEWERS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE PROPOSED STORM SEWER ITEMS.

ANY LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THE CONTRACT SHALL HAVE ONE OF THE FOLLOWING WORDS CAST INTO THE LID: "STORM" (FOR STORM SEWER STRUCTURES), "SANITARY" (FOR SANITARY SEWER STRUCTURES), OR "WATER" (FOR WATER SYSTEM STRUCTURES). ANY ADDITIONAL COST FOR THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE FRAMES AND CLOSED LIDS PROVIDED.

FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL STRUCTURES WILL BE ADJUSTED TO THE FINAL ELEVATION AND CROSS SLOPE OF THE AREA IN WHICH THEY ARE LOCATED.

PROPOSED END SECTIONS SHALL BE SLOPED TO MATCH THE PROPOSED STORM SEWER AND CULVERT PIPE SLOPES.

THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED FROM SEDIMENT IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.

STAKING

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.

UNLESS OTHERWISE NOTED, THE OFFSETS FOR DRAINAGE STRUCTURES WITHIN THE CURB ARE MEASURED TO THE EDGE OF PAVEMENT. THE OFFSETS FOR ALL OTHER DRAINAGE STRUCTURES ARE MEASURED TO THE CENTER OF THE STRUCTURE.

ALL ELEVATIONS ARE ON NAVD 88 DATUM.

MISCELLANEOUS

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THE CONTRACT.

WHERE NEW WORK MEETS EXISTING FEATURES TO REMAIN, THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS PRIOR TO PROCEEDING WITH CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ANY REFERENCE TO A STANDARD THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS INCLUDED IN THESE PLANS.

THE REMOVAL OF AGGREGATE SHOULDERS AND ENTRANCES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR EARTH EXCAVATION.

SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER. THE COST OF SAW CUTTING WILL BE INCLUDED IN CONTRACT UNIT BID PRICES FOR THE ITEMS BEING REMOVED.

ADDITIONAL PAVEMENT REMOVAL WILL BE REQUIRED IN AREAS WHERE THE PROPOSED PAVEMENT WIDENING IS LESS THAN 2' IN ORDER TO OBTAIN THE REQUIRED COMPACTION WITHIN THE PROPOSED WIDENING AREA. ADEQUATE QUANTITIES HAVE BEEN PROVIDED.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.

THE PRESERVATION OF EXISTING TREES IS OF THE UTMOST IMPORTANCE. TREE REMOVAL PAY ITEMS AND QUANTITIES HAVE BEEN PROVIDED FOR TREES THAT MAY BE IN CONFLICT WITH CONSTRUCTION. ANY TREE REMOVAL ALONG WITH ALL TREE PROTECTION, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER. PRUNING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL ERECT A TREE PROTECTION AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" TO THE SATISFACTION OF THE ENGINEER BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOB SITE. NO WORK IS TO BE PERFORMED (OTHER THAN PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". TREE PROTECTION SHALL BE REMOVED ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED. TREE PROTECTION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE SUBGRADE SHALL BE KEPT DRAINED DURING CONSTRUCTION OF THE PAVEMENT STRUCTURE. THE CONTRACTOR SHALL FACILITATE SURFACE DRAINAGE BY CUTTING WEEPS IN THE SUBGRADE OR ADJACENT TERRAIN AS NECESSARY. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
BITUMINOUS MAT (PRIME COAT)	0.05	LBS / SQ FT (MILLED HMA/AGED HMA)
	0.025	LBS / SQ FT (HMA LIFTS)
	0.25	LBS / SQ FT (AGGREGATE)
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT / 100 FT OF APPLICATION

UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF EARTH EXCAVATION.

THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.

UTILITY CONTACTS

UTILITY COMPANY	CONTACT PERSON	ADDRESS	PHONE NUM
AT&T	CARL DONAHUE	866 ROCK CREEK ROAD PLANO, IL 60545	(630) 573-6414
AT&T	JMC ENGINEERS AND ASSOCIATES, INC. RICH MEYERS	201 S. CRESCENT STREET GILMAN, IL 60938	(815) 265-4056
COMCAST	ROBERT STROLL	688 INDUSTRIAL DRIVE ELMHURST, IL 60126	(630) 600-6213
COMED	PETE KRATZER	1N423 SWIFT ROAD LOMBARD, IL 60148	(630) 424-5704
FOX METRO WATER RECLAMATION DISTRICT	MICHAEL FRANKINO	1135 S. LAKE ST MONTGOMERY, IL 60538	(630) 301-6805
MIDWEST FIBER NETWORKS, LLC	PATRICK GRAHAM	6070 NORTH FILNT ROAD GLENDALE, WI 53209	(414) 672-5612
NICOR	BRUCE KOPPANG	1844 FERRY ROAD NAPERVILLE, IL 60563	(630) 388-3046
VILLAGE OF OSWEGO	JENNIFER HUGHES	100 PARKERS MILL OSWEGO, IL 60543	(630) 551-2366
ILLINOIS DEPARTMENT OF TRANSPORTATION		700 EAST NORRS DRIVE OTTAWA, IL 61350	(815) 434-6131

HMA MIXTURE REQUIREMENT TABLE

LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER ROADWAY	POLYMERIZED HMA SURFACE ROADWAY	HMA BINDER ENTRANCES	HMA SURFACE ENTRANCES	HMA SURFACE MULTI-USE PATH
BINDER GRADE (PG):	PG64-22	SBS PG70-28	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5	IL 19.0	IL 9.5	IL 9.5
FRICITION AGGREGATE:		MIXTURE D		MIXTURE C	
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA	QCQA	QCQA	QCQA
SUBLOT SIZE:	N/A	N/A	N/A	N/A	N/A
DENSITY TEST METHOD:	CORES/NUCLEAR	CORES/NUCLEAR	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER	CORES/NUCLEAR
MATERIAL TRANSFER DEVICE (REQUIRED)	NO	NO	NO	NO	NO

87800 - COLLINS, GROVE AND MINKLER RD IN KENDALL COUNTY

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_08010.dgn
 PEN TABLE: 19162.tbl
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322



HRGreen.com
Illinois Professional Design Firm
#184-001322

USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	3
CONTRACT NO. 87800				
ILLINOIS		FED. AID PROJECT		

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	51,953
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1,302
20400800	FURNISHED EXCAVATION	CU YD	30,164
20700220	POROUS GRANULAR EMBANKMENT	CU YD	796
20800150	TRENCH BACKFILL	CU YD	854
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	4,684
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	56,715
Δ 25000110	SEEDING, CLASS 1A	ACRE	0.10
Δ 25000210	SEEDING, CLASS 2A	ACRE	29
Δ 25000300	SEEDING, CLASS 3	ACRE	0.29
Δ 25000312	SEEDING, CLASS 4A	ACRE	2
Δ 25000314	SEEDING, CLASS 4B	ACRE	0.75
Δ 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	2,890
Δ 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	2,890
Δ 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2,890
Δ 25000750	MOWING	ACRE	31
Δ 25100630	EROSION CONTROL BLANKET	SQ YD	145,676
Δ 25100900	TURF REINFORCEMENT MAT	SQ YD	178
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	5,817
28000305	TEMPORARY DITCH CHECKS	FOOT	1,020
28000400	PERIMETER EROSION BARRIER	FOOT	30,300
28000500	INLET AND PIPE PROTECTION	EACH	39
28000510	INLET FILTERS	EACH	35
28100105	STONE RIPRAP, CLASS A3	SQ YD	165

Δ = INDICATES SPECIALITY ITEM
 * = SEE SPECIAL PROVISIONS

HRG PROJECT NO.: 19152
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PLOT DATE = 10/26/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	4
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
28100107	STONE RIPRAP, CLASS A4	SQ YD	331
28100109	STONE RIPRAP, CLASS A5	SQ YD	101
28200200	FILTER FABRIC	SQ YD	611
* 30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	1,077
* 30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	83,485
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3,755
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	2,767
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,120
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	5,036
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	158,876
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	31,776
40600990	TEMPORARY RAMP	SQ YD	139
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	343
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	35,591
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	691
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	7,910
42001300	PROTECTIVE COAT	SQ YD	14,403
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	102
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	10,076
42400800	DETECTABLE WARNINGS	SQ FT	680
44000100	PAVEMENT REMOVAL	SQ YD	29,683
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	173
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,690
44004250	PAVED SHOULDER REMOVAL	SQ YD	218

Δ = INDICATES SPECIALITY ITEM
 * = SEE SPECIAL PROVISIONS

HRC PROJECT NO.: 19152
 HRC PROJ. CONTACT:
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	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-PP	KENDALL	312	5
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50104400	CONCRETE HEADWALL REMOVAL	EACH	2
* 50105220	PIPE CULVERT REMOVAL	FOOT	311
50200100	STRUCTURE EXCAVATION	CU YD	311
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	1,075
50300225	CONCRETE STRUCTURES	CU YD	60
50800105	REINFORCEMENT BARS	POUND	68,940
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	7,272
51500100	NAME PLATES	EACH	1
52200015	PERMANENT SHEET PILING	SQ FT	3,925
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2
54003000	CONCRETE BOX CULVERTS	CU YD	345
54010804	PRECAST CONCRETE BOX CULVERTS 8' X 4'	FOOT	104
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	30
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	4
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	1
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	4
54262718	METAL FLARED END SECTIONS 18"	EACH	22
54262724	METAL FLARED END SECTIONS 24"	EACH	2
54262730	METAL FLARED END SECTIONS 30"	EACH	2
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	19
542A1069	PIPE CULVERTS, CLASS A, TYPE 2 24"	FOOT	122
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	170
* 542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	497

Δ = INDICATES SPECIALITY ITEM

* = SEE SPECIAL PROVISIONS

HRG PROJECT NO.: 19152
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PLOT DATE = 10/26/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 2514	SECTION 19-00154-00-FP	COUNTY KENDALL	TOTAL SHEETS 312	SHEET NO. 6
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
* 542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	99
* 542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	45
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	195
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	1,700
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	84
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	853
* 55100500	STORM SEWER REMOVAL 12"	FOOT	125
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	30
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	32
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	311
60108501	PIPE UNDERDRAINS, TYPE 3	FOOT	11,478
* 60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
* 60219540	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	18
* 60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2
* 60222240	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1
* 60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1
* 60223900	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 5 FRAME, OPEN LID	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	17
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	16
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2
60500040	REMOVING MANHOLES	EACH	1
60600605	CONCRETE CURB, TYPE B	FOOT	440
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	207
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	26,579

Δ = INDICATES SPECIALITY ITEM

* = SEE SPECIAL PROVISIONS

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PLOT DATE = 10/26/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.U. RTE. 2514	SECTION 19-00154-00-FP	COUNTY KENDALL	TOTAL SHEETS 312	SHEET NO. 7
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
60605500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	110
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	3,264
* 60611811	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)	FOOT	640
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	9,462
61100605	MISCELLANEOUS CONCRETE	CU YD	100
61101005	STORM SEWERS PROTECTED, CLASS A, 4"	FOOT	200
61101007	STORM SEWERS PROTECTED, CLASS A, 6"	FOOT	200
61101009	STORM SEWERS PROTECTED, CLASS A, 8"	FOOT	200
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	10
61139800	STORM SEWERS (SPECIAL), 4"	FOOT	400
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	400
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	400
Δ 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	625
Δ 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1
63200310	GUARDRAIL REMOVAL	FOOT	650
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	68
* 66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	14
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	6
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	30
67100100	MOBILIZATION	L SUM	1
Δ 70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,329
Δ 70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,776
Δ 70306120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE	FOOT	30,733
Δ 70306140	TEMPORARY PAVEMENT MARKING - LINE 8" - TYPE III TAPE	FOOT	235

Δ = INDICATES SPECIALITY ITEM
* = SEE SPECIAL PROVISIONS

HRG PROJECT NO.: 19052
HRG PROJ. CONTACT:
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PLOT DATE = 10/26/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	8
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
70306160	TEMPORARY PAVEMENT MARKING - LINE 12" - TYPE III TAPE	FOOT	638
70306210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE III TAPE	FOOT	12
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	850.00
Δ 72000200	SIGN PANEL - TYPE 2	SQ FT	10
Δ 72000300	SIGN PANEL - TYPE 3	SQ FT	308
Δ 72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	2
Δ 72500400	OBJECT MARKER - TYPE 4	EACH	2
Δ 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1
Δ 73000100	WOOD SIGN SUPPORT	FOOT	1,866
Δ 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	182.0
Δ 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	65,161
Δ 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	2,727
Δ 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	850
Δ 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,050
Δ 78009018	MODIFIED URETHANE PAVEMENT MARKING - LINE 18"	FOOT	80
Δ 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	24
Δ 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	332
Δ 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	65,161
Δ 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2,727
Δ 78011045	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	850
Δ 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1,050
Δ 78011095	GROOVING FOR RECESSED PAVEMENT MARKING 19"	FOOT	80
Δ 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	24
Δ 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8

Δ = INDICATES SPECIALITY ITEM
 * = SEE SPECIAL PROVISIONS

HIG PROJECT NO. 19152
 HIG PROJ. CONTACT
 HIG PROJ. NUMBER
 HIG PROJ. DATE
 HIG PROJ. TITLE



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PLOT DATE = 10/26/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	9
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	7,740
*Δ 80400100	ELECTRIC SERVICE INSTALLATION	EACH	2
*Δ 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
Δ 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	309
Δ 81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	3,898
Δ 81603040	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	108
Δ 82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	30
Δ 82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	2
Δ 83006600	LIGHT POLE, ALUMINUM, 30 FT. M.H., 15 FT. MAST ARM	EACH	30
Δ 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	150
Δ 83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	120
Δ 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1
Δ 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
Δ 88600200	DETECTOR LOOP, TYPE II	FOOT	44
Δ * X1400422	HANDHOLE TO BE ADJUSTED WITH NEW FRAME AND COVER	EACH	1
Δ * X2510635	HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL	SQ YD	2,821
* X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	10,000
Δ * X2510900	TURF REINFORCEMENT MAT (SPECIAL)	SQ YD	440
* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	6
* X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1
* X4024000	TEMPORARY ACCESS (FIELD ENTRANCE)	EACH	4
* X4832505	PORTLAND CEMENT CONCRETE SHOULDERS 12.5" (SPECIAL)	SQ YD	754
Δ * X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	6
Δ * X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EACH	1
* X6022830	MANHOLES, SANITARY, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2

Δ = INDICATES SPECIALITY ITEM
 * = SEE SPECIAL PROVISIONS

HRG PROJECT NO. 19052
 HRG PROJ CONTACT:
 P.L. HANCOCK
 P.L. HANCOCK
 PEN TABLES



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PLOT DATE = 10/26/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	10
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
* X6060300	CONCRETE MEDIAN, TYPE SB-6.24 (SPECIAL)	SQ FT	4,159
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
* X7010238	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL MO	90
*Δ X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	284
* XX000388	STORM WATER CURB OPENING	EACH	25
* XX007099	DETECTOR LOOP REMOVAL	EACH	1
* XX007092	RECESSED REFLECTIVE PAVMENT MARKER REMOVAL	EACH	161
* XX009430	RAMPED MEDIAN NOSE	EACH	23
* XX009553	PERMANENT DITCH CHECKS	FOOT	115
* Z0004542	HOT-MIX ASPHALT REMOVAL (SPECIAL)	SQ YD	530
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* Z0016702	DETOUR SIGNING	L SUM	1
* Z0022800	FENCE REMOVAL	FOOT	3,465
Δ* Z0057900	SANITARY SEWER 36"	FOOT	225
*Δ Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	500
* Z0062456	TEMPORARY PAVEMENT	SQ YD	3,755
#* Z0076600	TRAINEES	HOUR	2,000
#* Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	2,000

= 0042

Δ = INDICATES SPECIALITY ITEM
 * = SEE SPECIAL PROVISIONS

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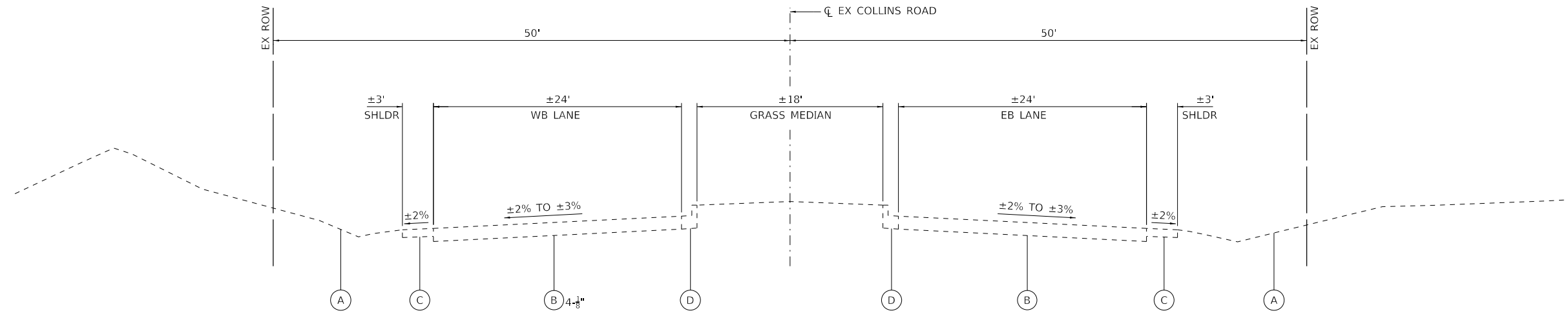
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

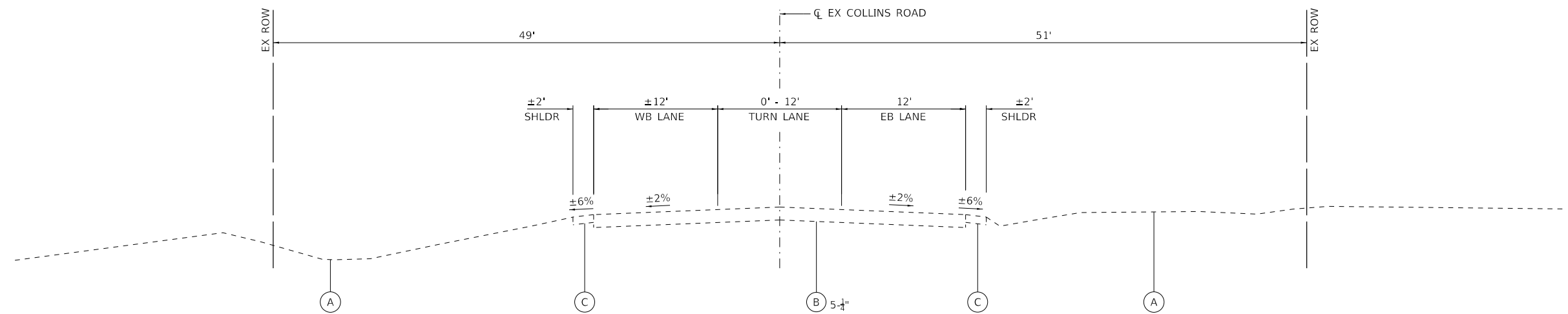
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	11
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

COLLINS ROAD

STA 307+90.00 TO STA 320+83.00
EXISTING HMA - 4 1/8"



EXISTING TYPICAL SECTION

COLLINS ROAD

STA 321+50.00 TO STA 331+00.00
EXISTING HMA - 5 1/4"

LEGEND

- (A) GROUND
- (B) PAVEMENT, HOT-MIX ASPHALT
- (C) AGGREGATE SHOULDER
- (D) COMBINATION CURB AND GUTTER
- (E) MULTI-USE PATH, HOT-MIX ASPHALT

HRG PROJECT NO: 19162
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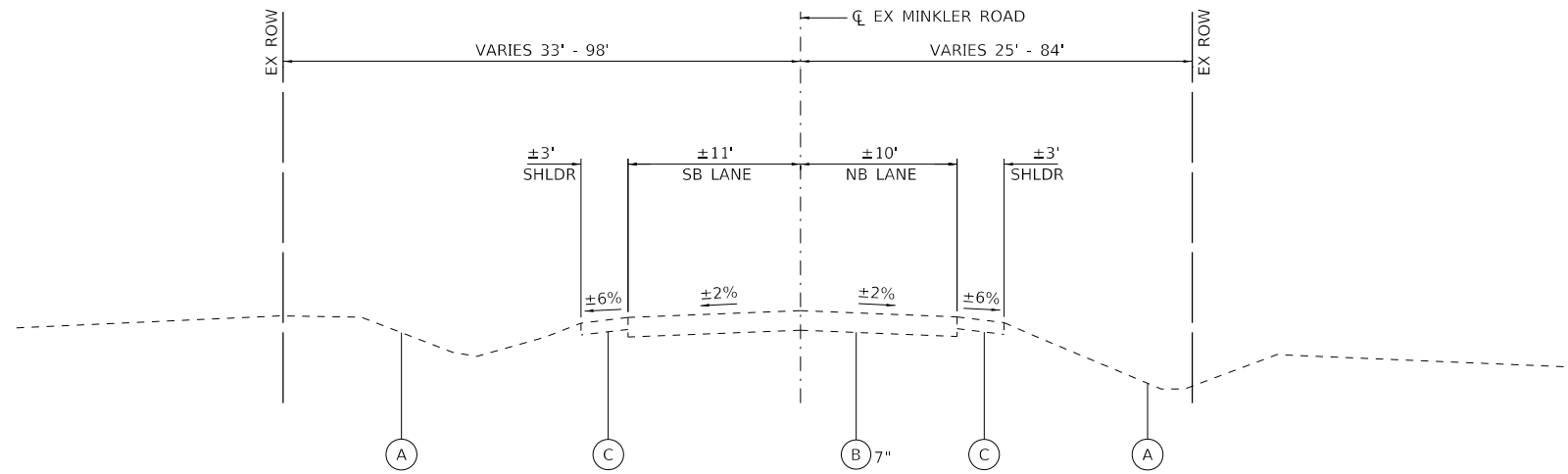
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PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

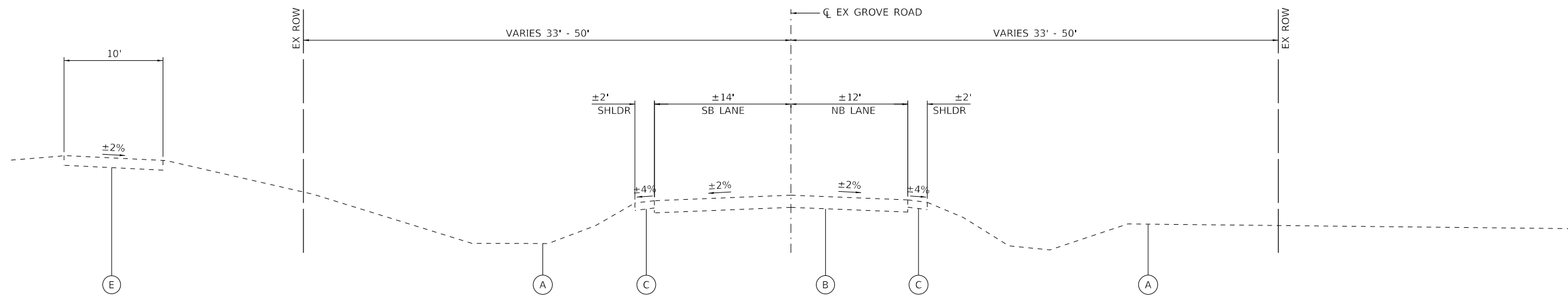
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2514	19-00154-00-FP	KENDALL	312	12
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

MINKLER ROAD

STA 117+58.00 TO STA 175+00.00
EXISTING HMA - 7"



EXISTING TYPICAL SECTION

GROVE ROAD

STA 15+85.00 TO STA 21+67.75
EXISTING HMA - 9"
STA 22+38.00 TO STA 26+45.00
EXISTING HMA - 8"

LEGEND

- (A) GROUND
- (B) PAVEMENT, HOT-MIX ASPHALT
- (C) AGGREGATE SHOULDER
- (D) COMBINATION CURB AND GUTTER
- (E) MULTI-USE PATH, HOT-MIX ASPHALT

HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
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 PEN TABLE: 19162.tbl



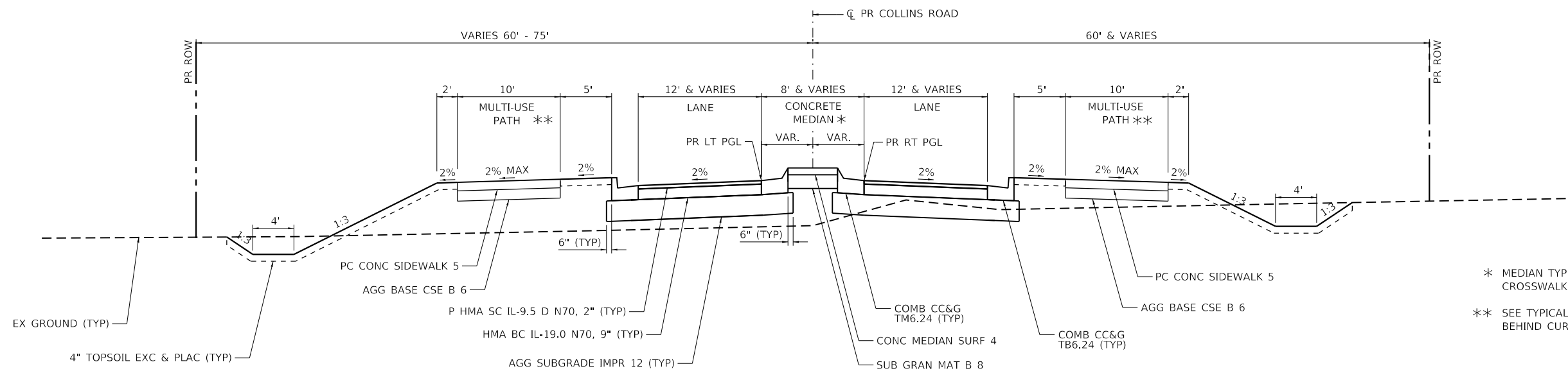
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PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS

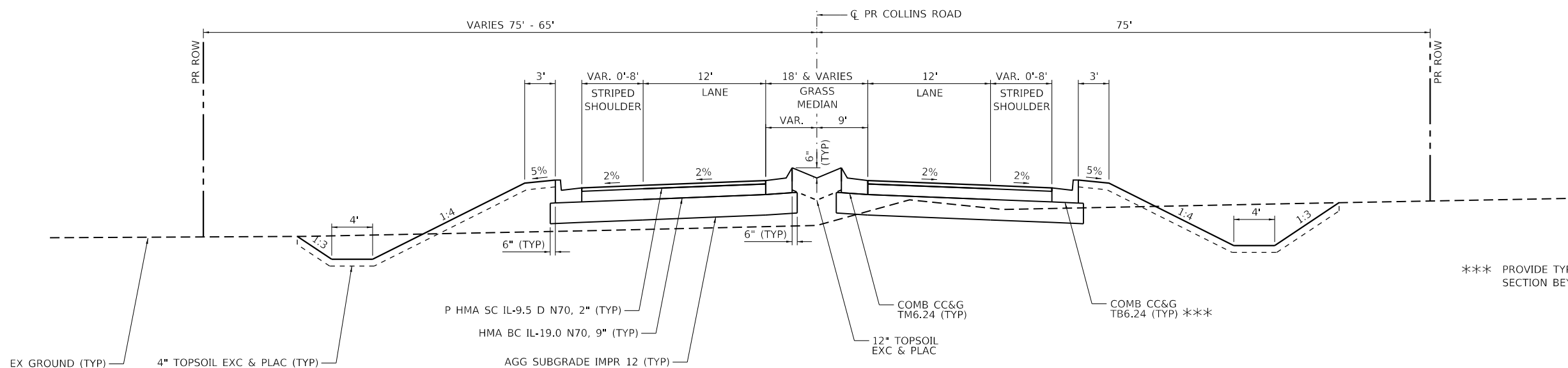
SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	13
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION
COLLINS ROAD SPLITTER ISLAND (AT MINKLER ROAD)

STA 233+75.63 TO STA 234+82.57 (WEST LT PGL STA 1101+00.63 TO STA 1102+09.97)
 STA 236+22.80 TO STA 237+42.35 (EAST LT PGL STA 1300+00.00 TO STA 1301+21.05)



PROPOSED TYPICAL SECTION
COLLINS ROAD SPLITTER ISLAND (AT MINKLER ROAD)

STA 237+42.35 TO 238+60.56 (EAST LT PGL STA 1301+21.05 TO STA 1302+38.92)

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_19162.dgn
 PEN TABLE: 19162.tbl



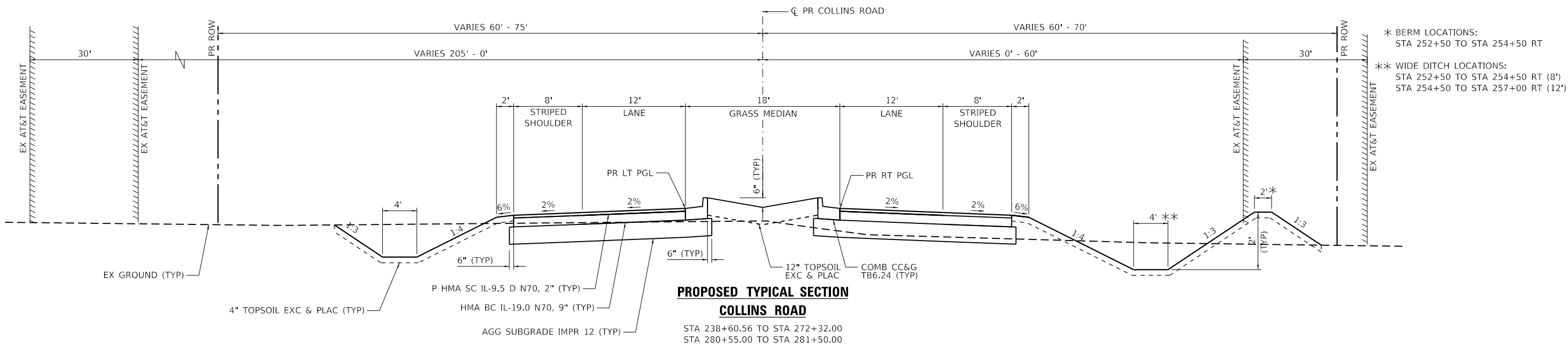
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PLOT SCALE = 12.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

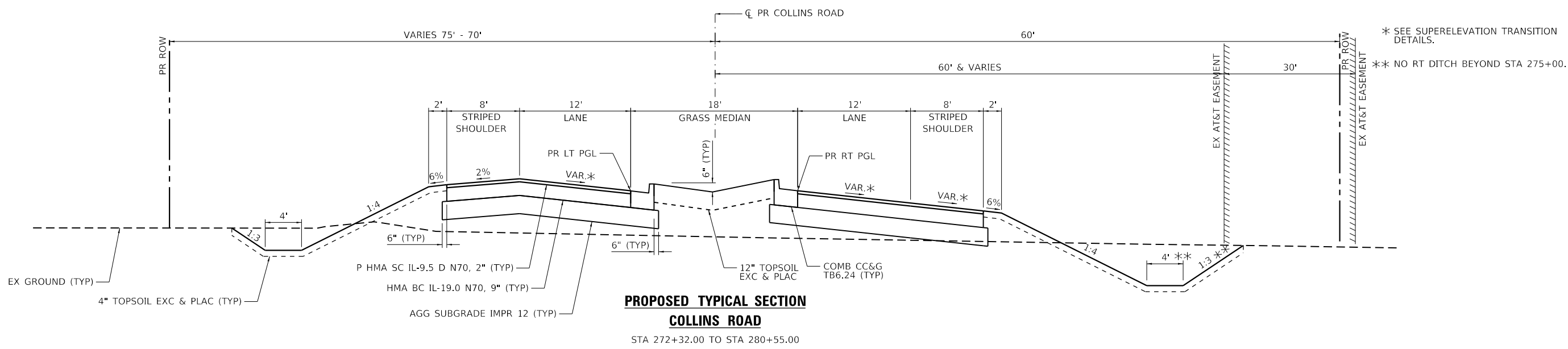
PROPOSED TYPICAL SECTIONS
 COLLINS ROAD

SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

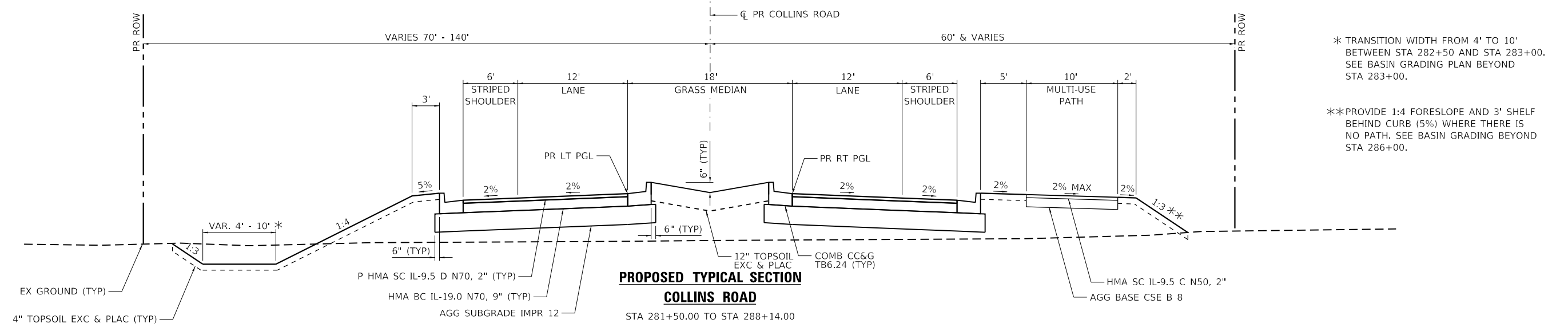
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	14
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



* BERM LOCATIONS:
STA 252+50 TO STA 254+50 RT
** WIDE DITCH LOCATIONS:
STA 252+50 TO STA 254+50 RT (8')
STA 254+50 TO STA 257+00 RT (12')



* SEE SUPERELEVATION TRANSITION
DETAILS.
** NO RT DITCH BEYOND STA 275+00.



* TRANSITION WIDTH FROM 4' TO 10'
BETWEEN STA 282+50 AND STA 283+00.
SEE BASIN GRADING PLAN BEYOND
STA 283+00.
** PROVIDE 1:4 FORESLOPE AND 3' SHELF
BEHIND CURB (5%) WHERE THERE IS
NO PATH. SEE BASIN GRADING BEYOND
STA 286+00.

HRG PROJECT NO: 19162
HRG PROJ CONTACT:
FILE NAME: 19162_19-00154-00-FP.dgn
PEN TABLE: 19-00154-00-FP.tbl

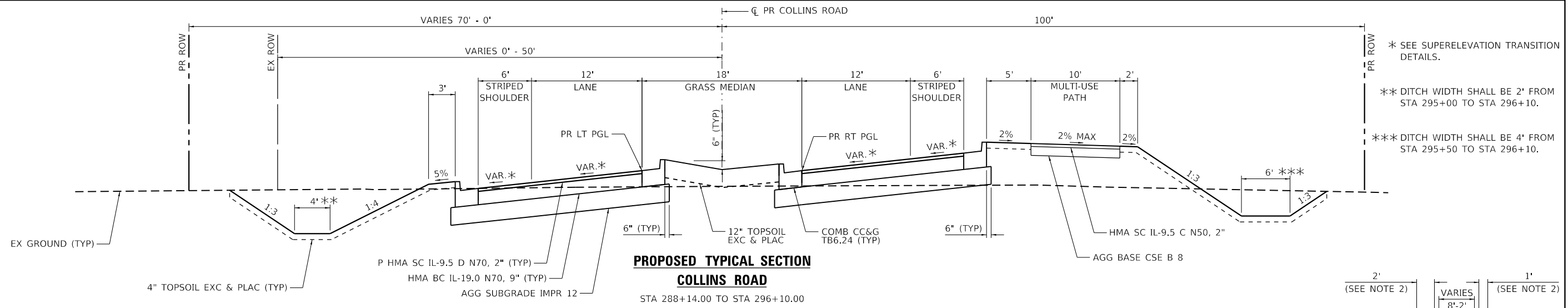


USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 12.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

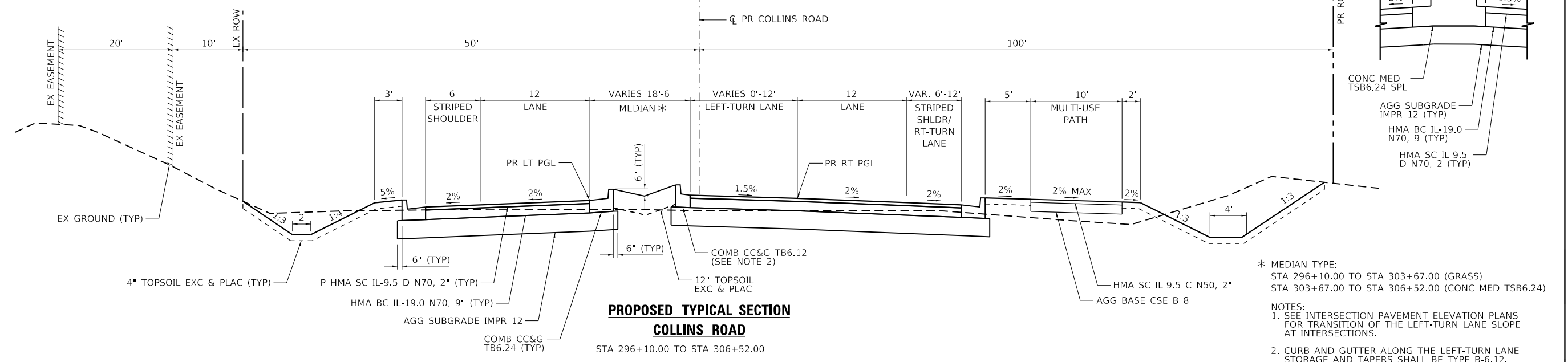
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS COLLINS ROAD	
SCALE:	SHEET 4 OF 11 SHEETS STA. TO STA.

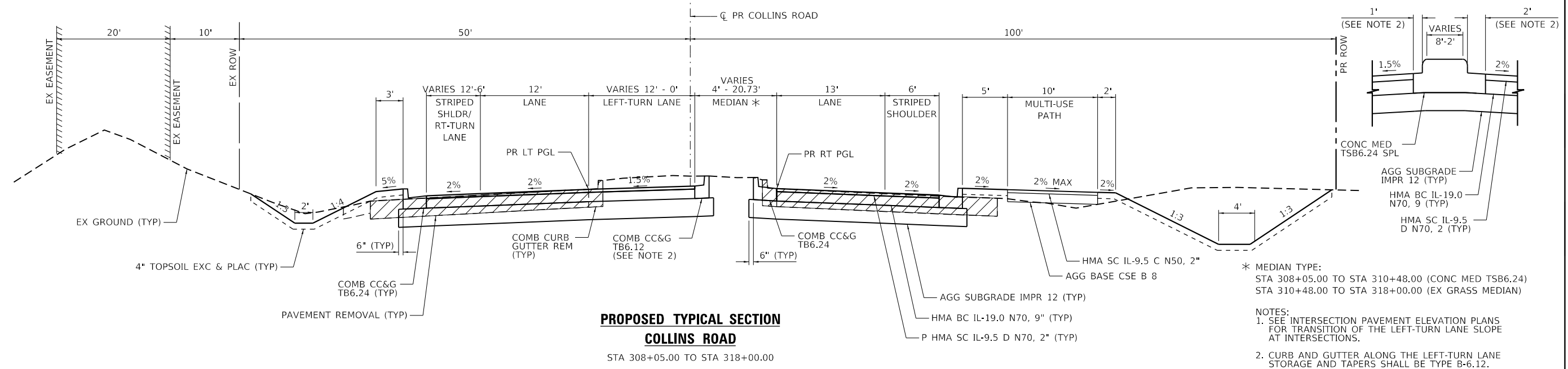
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	15
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	



* SEE SUPERELEVATION TRANSITION DETAILS.
 ** DITCH WIDTH SHALL BE 2' FROM STA 295+00 TO STA 296+10.
 *** DITCH WIDTH SHALL BE 4' FROM STA 295+50 TO STA 296+10.



* MEDIAN TYPE:
 STA 296+10.00 TO STA 303+67.00 (GRASS)
 STA 303+67.00 TO STA 306+52.00 (CONC MED TSB6.24)
 NOTES:
 1. SEE INTERSECTION PAVEMENT ELEVATION PLANS FOR TRANSITION OF THE LEFT-TURN LANE SLOPE AT INTERSECTIONS.
 2. CURB AND GUTTER ALONG THE LEFT-TURN LANE STORAGE AND TAPERS SHALL BE TYPE B-6.12.



* MEDIAN TYPE:
 STA 308+05.00 TO STA 310+48.00 (CONC MED TSB6.24)
 STA 310+48.00 TO STA 318+00.00 (EX GRASS MEDIAN)
 NOTES:
 1. SEE INTERSECTION PAVEMENT ELEVATION PLANS FOR TRANSITION OF THE LEFT-TURN LANE SLOPE AT INTERSECTIONS.
 2. CURB AND GUTTER ALONG THE LEFT-TURN LANE STORAGE AND TAPERS SHALL BE TYPE B-6.12.

HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
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 PEN TABLE: 19162.tbl

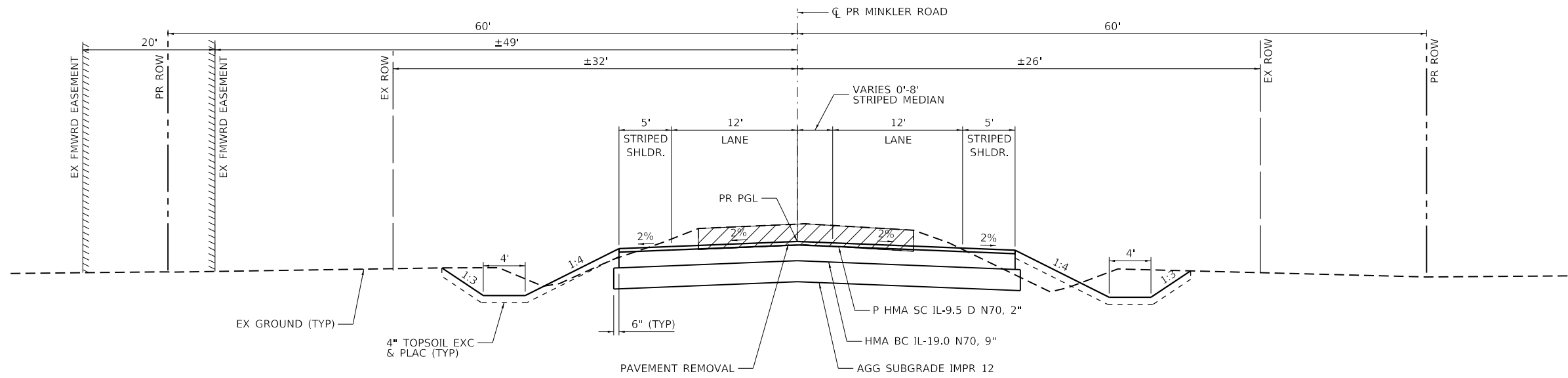


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PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
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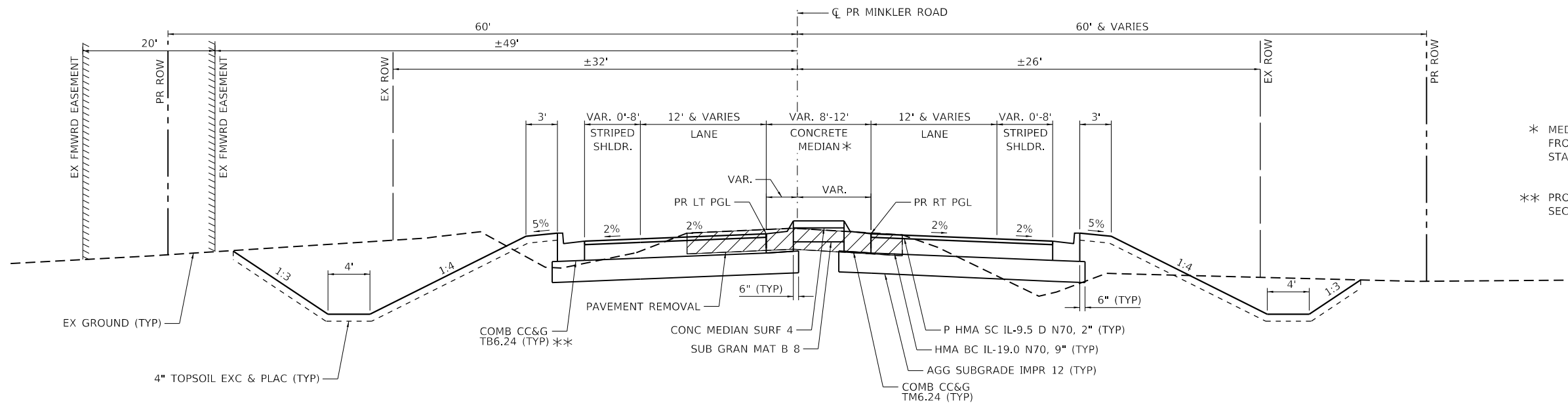
PROPOSED TYPICAL SECTIONS COLLINS ROAD	
SCALE:	SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	16
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	



**PROPOSED TYPICAL SECTION
MINKLER ROAD**

STA 119+90.00 TO STA 124+80.00



**PROPOSED TYPICAL SECTION
MINKLER ROAD SPLITTER ISLAND (AT COLLINS ROAD)**

STA 124+80.00 TO STA 125+97.65 (SOUTH LT PGL STA 1200+00.00 TO STA 1201+17.70)
STA 129+16.75 TO STA 131+20.00 (NORTH LT PGL 1400+82.16 TO STA 1402+85.89)

* MEDIAN SHALL BE STRIPED FROM NORTH LT PGL STA 1402+00.00 TO STA 1402+85.89.

** PROVIDE TYPICAL SHOULDER/DITCH SECTION BEYOND CURB LIMITS.

HRG PROJECT NO: 19162
HRG PROJ CONTACT:
FILE NAME: 19162_19162.dgn
PEN TABLE: 19162.tbl



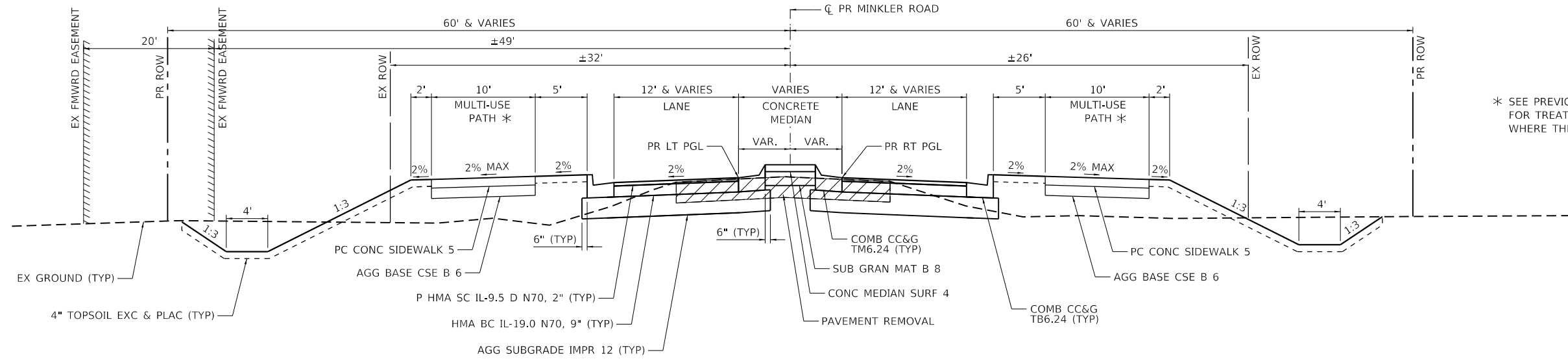
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	DRAWN - AJM	REVISED -
PLOT SCALE = 12.0000" / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
MINKLER ROAD**

SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

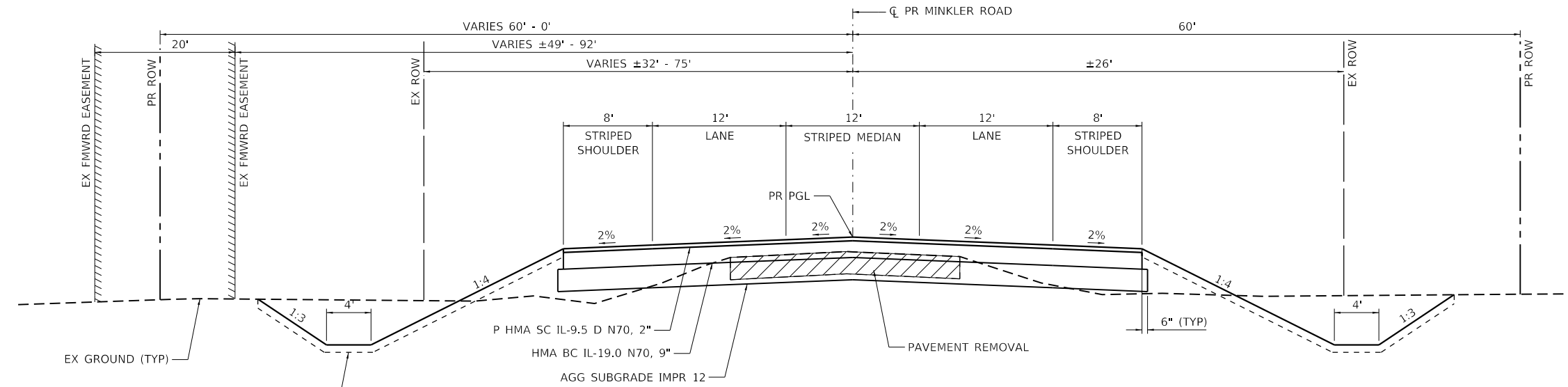
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	18
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL SECTION

MINKLER ROAD SPLITTER ISLAND (AT COLLINS ROAD)

STA 125+97.65 TO STA 126+94.92 (SOUTH LT PGL STA 1201+17.70 TO STA 1202+17.46)
 STA 128+35.49 TO STA 129+16.75 (NORTH LT PGL STA 1400+00.00 TO STA 1400+82.16)



PROPOSED TYPICAL SECTION

MINKLER ROAD

STA 131+20.00 TO STA 143+87.74

HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162_19162.dgn
 PEN TABLE: 19162.tbl



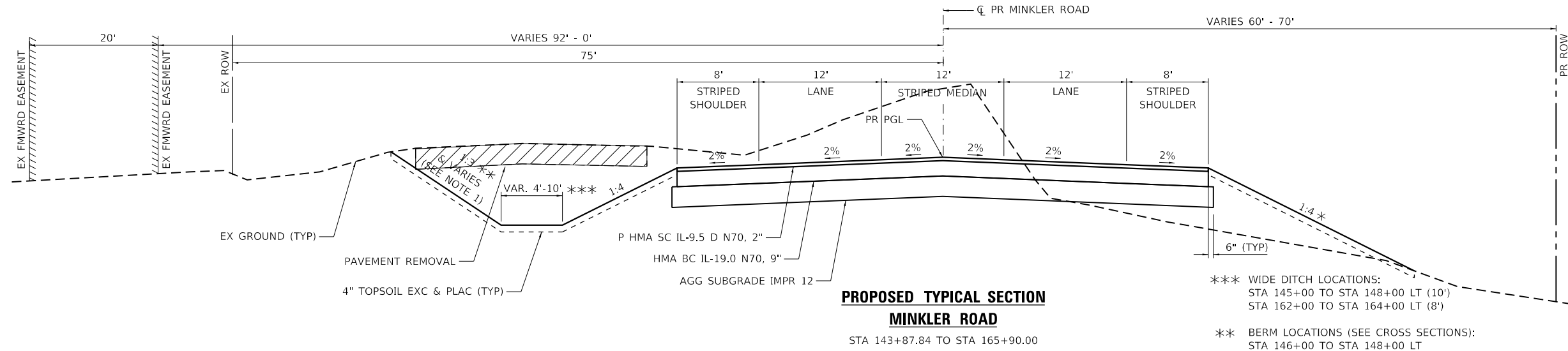
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PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
 MINKLER ROAD**

SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.

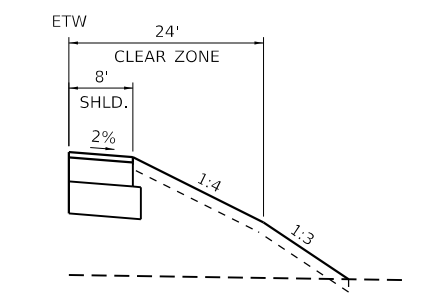
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	19
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



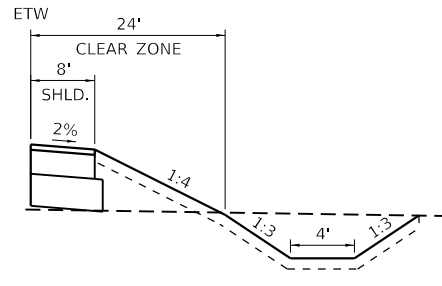
**PROPOSED TYPICAL SECTION
MINKLER ROAD**
STA 143+87.84 TO STA 165+90.00

*** WIDE DITCH LOCATIONS:
STA 145+00 TO STA 148+00 LT (10')
STA 162+00 TO STA 164+00 LT (8')

** BERM LOCATIONS (SEE CROSS SECTIONS):
STA 146+00 TO STA 148+00 LT
STA 164+00 LT



* BARN ROOF WITH NO DITCH
STA 150+50 TO STA 160+50



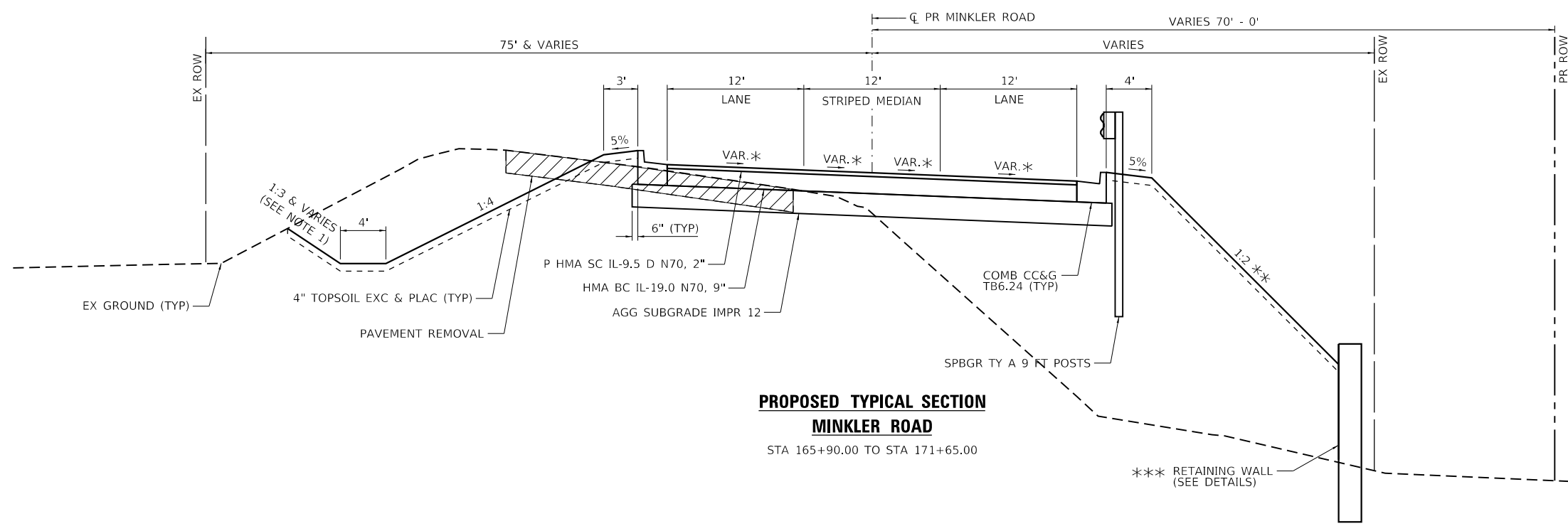
* BARN ROOF WITH DITCH
STA 149+50 TO STA 150+50
STA 160+50 TO STA 165+90

NOTES:
1. MAX BACKSLOPE IS 1:3. THE PROPOSED BACKSLOPE SHALL VARY TO MEET THE EXISTING BACKSLOPE IN THE FOLLOWING AREAS (SEE CROSS SECTIONS):
STA 154+02 TO STA 159+00
STA 165+50 TO STA 167+64

* SEE SUPERELEVATION TRANSITION DETAILS.

** WHERE THERE IS NO RETAINING WALL, PROVIDE 1:4/1:3 BARN ROOF DITCH, HINGED 24' FROM EDGE OF PAVEMENT (SEE CROSS SECTIONS).

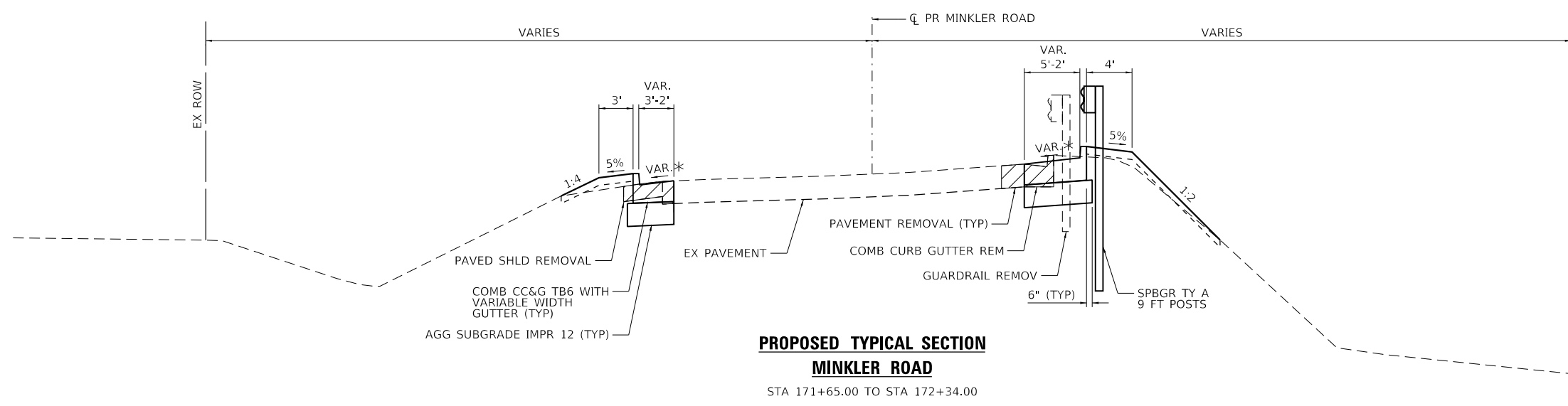
*** RETAINING WALL LIMITS:
STA 168+25 TO STA 170+00



**PROPOSED TYPICAL SECTION
MINKLER ROAD**
STA 165+90.00 TO STA 171+65.00

*** RETAINING WALL (SEE DETAILS)

* MATCH ADJACENT PAVEMENT SLOPE.



**PROPOSED TYPICAL SECTION
MINKLER ROAD**
STA 171+65.00 TO STA 172+34.00

HRG PROJECT NO: 19162
HRG PROJ CONTACT:
FILE NAME: 19162_19-00154-00-FP.dwg
PEN TABLE: 19-00154-00-FP.dwg



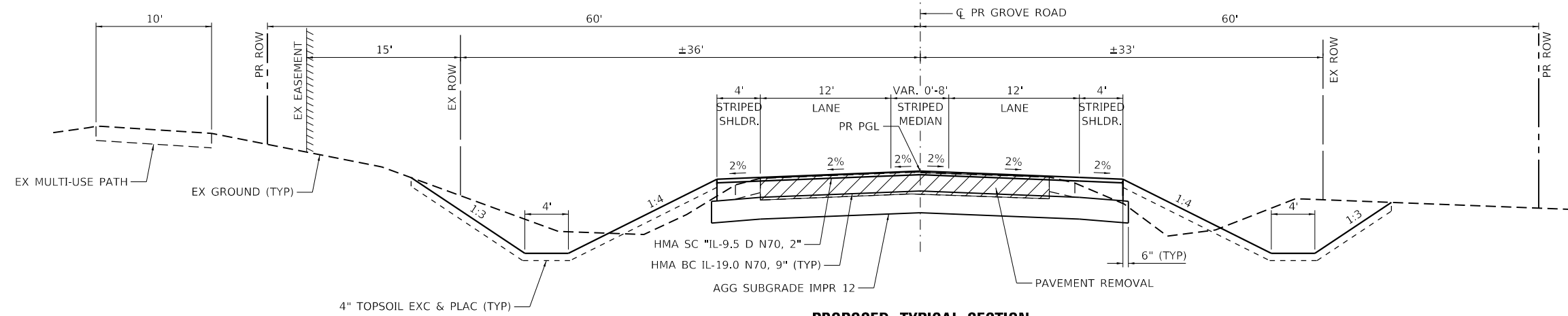
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	DRAWN - AJM	REVISED -
PLOT SCALE = 12.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL SECTIONS
MINKLER ROAD**

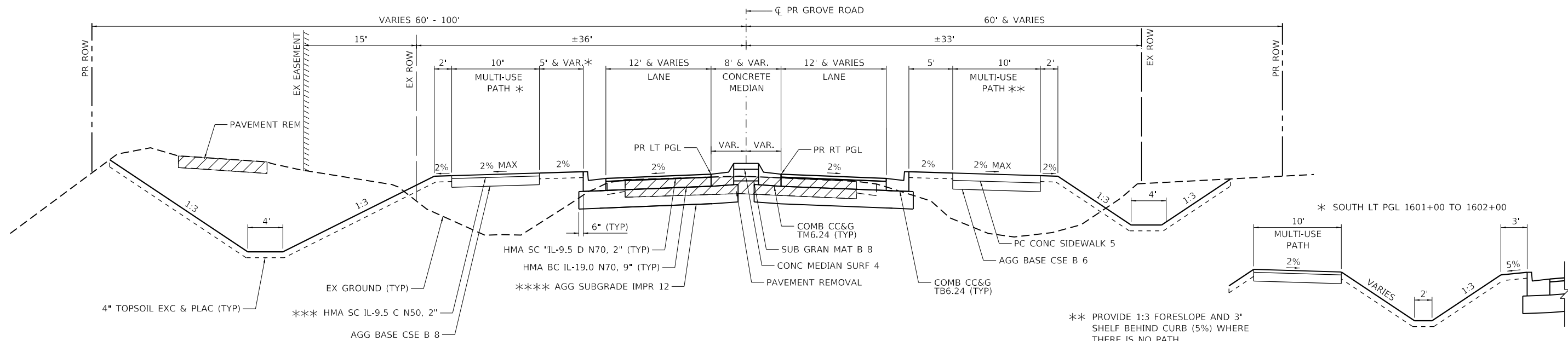
SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	20
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



**PROPOSED TYPICAL SECTION
GROVE ROAD**

STA 15+70.00 TO STA 17+65.00



**PROPOSED TYPICAL SECTION
GROVE ROAD SPLITTER ISLAND (AT COLLINS ROAD)**

STA 17+60.00 TO STA 21+22.84 (SOUTH LT PGL STA 1600+00.00 TO STA 1603+60.17)

** PROVIDE 1:3 FORESLOPE AND 3' SHELF BEHIND CURB (5%) WHERE THERE IS NO PATH.

*** PATH TYPE SHALL BE CONCRETE FROM CROSSWALK LANDINGS ON SOUTH LEG TO CROSSWALK LANDINGS WEST LEG. (SEE CIRCULATING ROADWAY DETAILS)

**** ADDITIONAL UNDERCUTS SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS AND SHALL BE REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) ON A BED OF GEOTECHNICAL FABRIC.

STA 19+00.00 TO STA 21+22.84

ALL UNDERCUT AREAS SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR AND APPROVED BY THE ENGINEER. THE SUBGRADE SHALL BE TESTED IN ACCORDANCE WITH THE IDOT SUBGRADE STABILITY MANUAL. ANY AGGREGATE/FABRIC NOT NEEDED AT THE TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT. NO ADJUSTMENTS IN UNIT PRICE WILL BE ALLOWED FOR AN INCREASE OR DECREASE IN QUANTITIES FROM THE ESTIMATED QUANTITIES SHOWN ON THE PLANS.

HRG PROJECT NO: 19162
HRG PROJ CONTACT:
FILE NAME: 19162_Typical.dgn
PEN TABLE: 19162.tbl



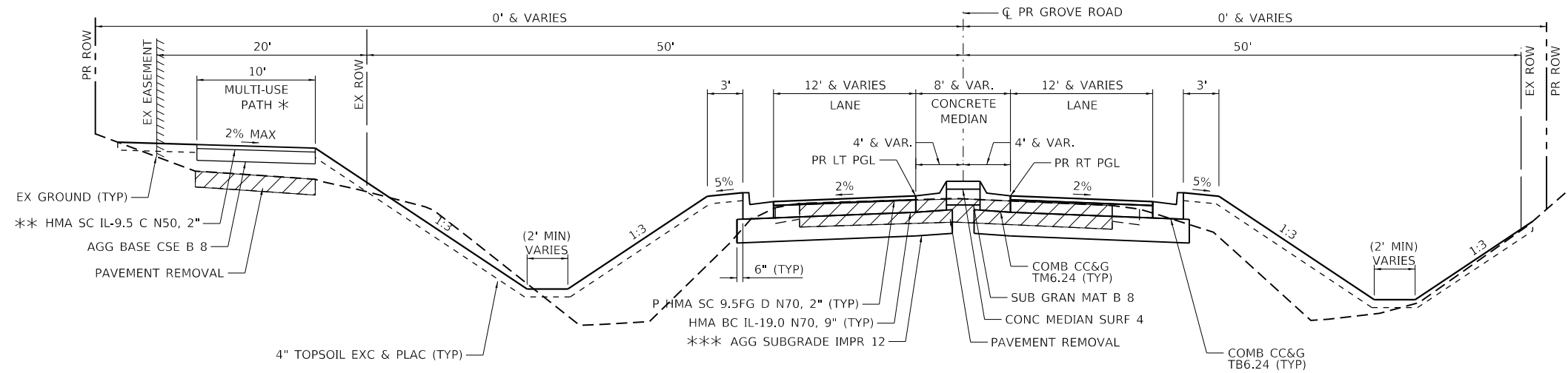
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PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS
GROVE ROAD

SCALE: SHEET 10 OF 11 SHEETS STA. TO STA.

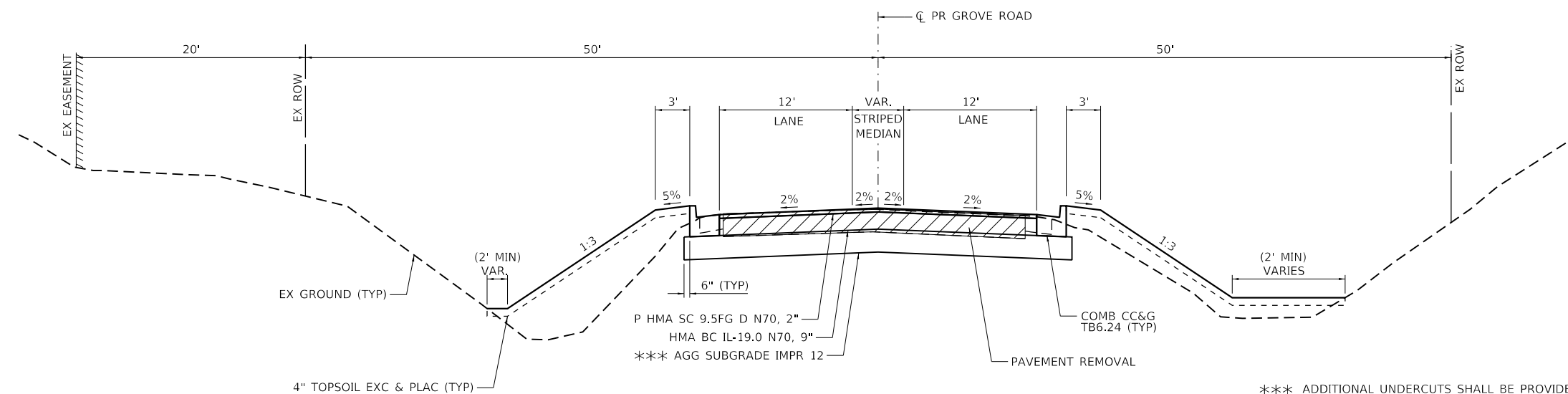
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	21
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



- * MAINTAIN EXISTING PATH BEYOND NORTH LT STA 1801+04.00
- ** PATH TYPE SHALL BE CONCRETE FROM CROSSWALK LANDINGS ON NORTH LEG TO CROSSWALK LANDINGS WEST LEG. (SEE CIRCULATING ROADWAY DETAILS)

**PROPOSED TYPICAL SECTION
GROVE ROAD SPLITTER ISLAND (AT COLLINS ROAD)**

STA 22+63.14 TO STA 24+60.00 (NORTH LT PGL STA 1800+00.00 TO STA 1801+98.11)



*** ADDITIONAL UNDERCUTS SHALL BE PROVIDED IN THE FOLLOWING LOCATIONS AND SHALL BE REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT (CU YD) ON A BED OF GEOTECHNICAL FABRIC.

STA 22+63.14 TO STA 24+60.00
STA 24+60.00 TO STA 26+45.00

ALL UNDERCUT AREAS SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION BY A QUALIFIED SOILS INSPECTOR AND APPROVED BY THE ENGINEER. THE SUBGRADE SHALL BE TESTED IN ACCORDANCE WITH THE IDOT SUBGRADE STABILITY MANUAL. ANY AGGREGATE/FABRIC NOT NEEDED AT THE TIME OF CONSTRUCTION SHALL BE DELETED FROM THE CONTRACT. NO ADJUSTMENTS IN UNIT PRICE WILL BE ALLOWED FOR AN INCREASE OR DECREASE IN QUANTITIES FROM THE ESTIMATED QUANTITIES SHOWN ON THE PLANS.

**PROPOSED TYPICAL SECTION
GROVE ROAD**

STA 24+60.00 TO STA 26+45.00

HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162_Typical.dgn
 PEN TABLE: 19162.tbl

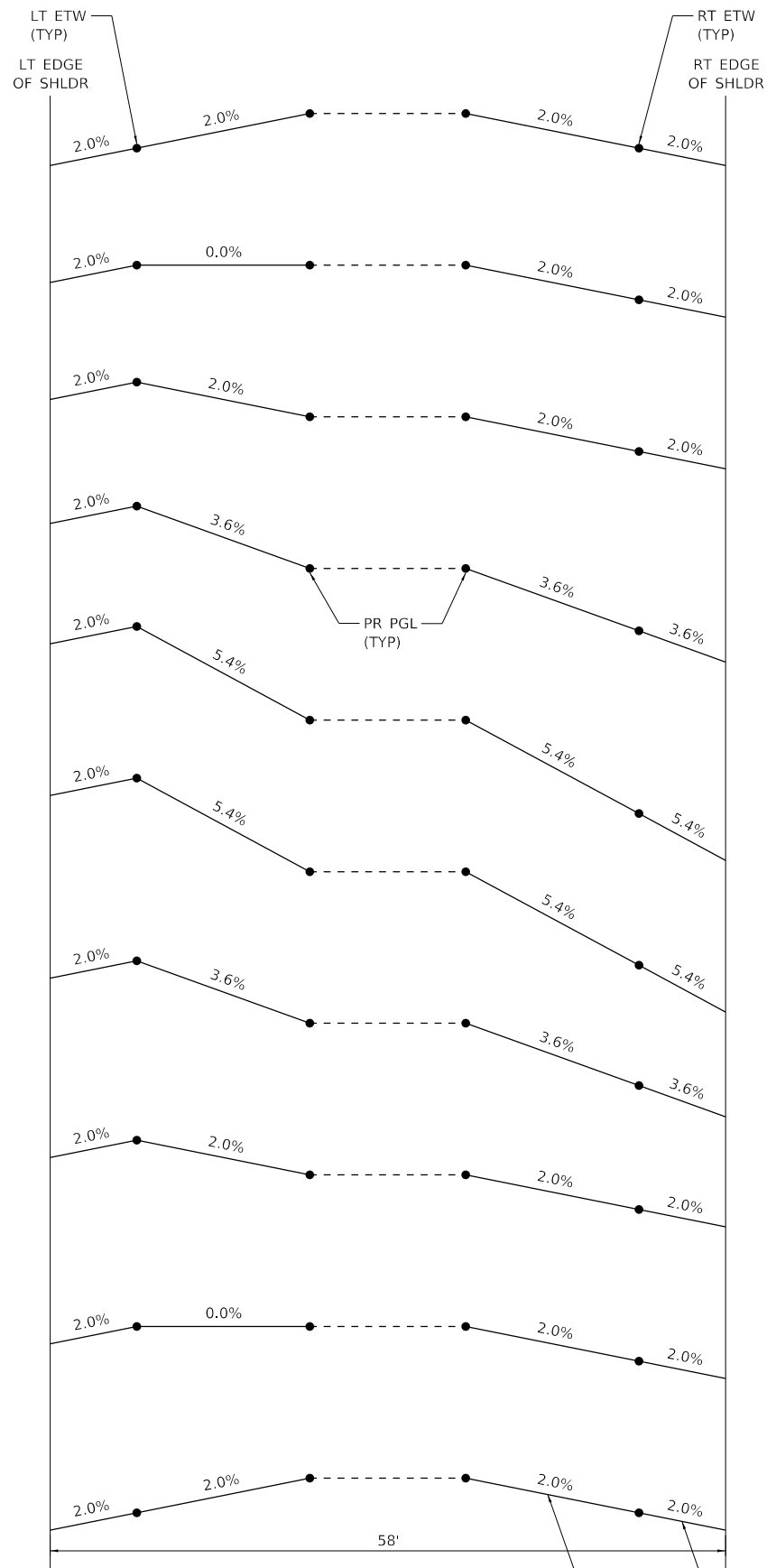


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PLOT SCALE = 12.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TYPICAL SECTIONS GROVE ROAD	
SCALE:	SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	22
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



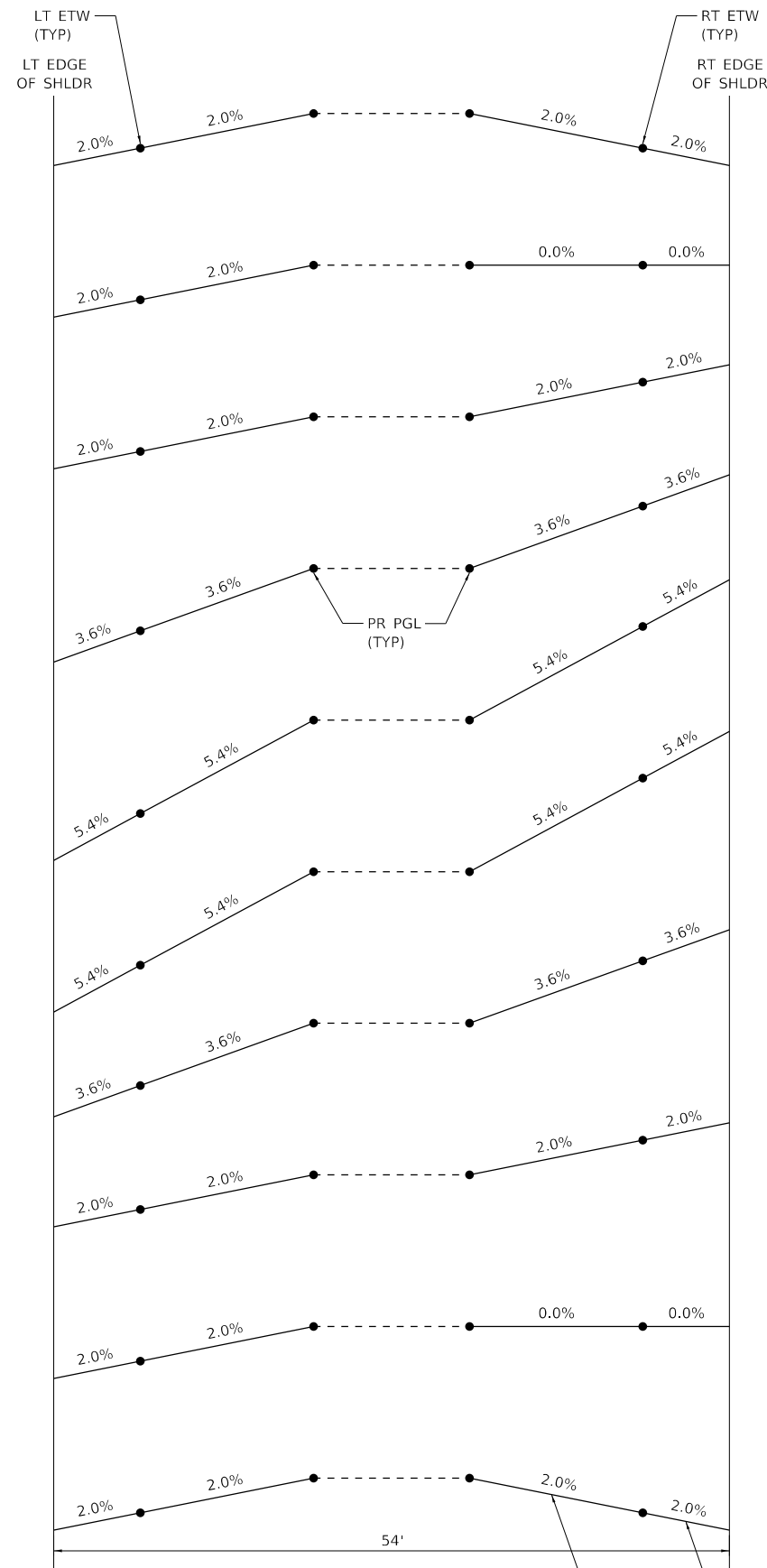
END SUPER TRANSITION: 280+55
 BEGIN TANGENT RUNOUT: 280+10
 PLANAR SECTION: 279+65
 PT STATION: 279+29.64
 END FULL SUPER: 278+90
 BEGIN FULL SUPER: 273+97
 PC STATION: 273+57.49
 PLANAR SECTION: 273+22
 END TANGENT RUNOUT: 272+77
 BEGIN SUPER TRANSITION: 272+32

CURVE PR COLLINS_06

e = 5.4%
 TR = 45'
 SE RUNOFF = 120'

PR SHOULDER (TYP)
 PR THRU LANE (TYP)

NOTES:
 1. FOR NON-CURBED SECTIONS OF ROADWAY, ON THE LOW SIDE OF THE CURVE THE SUPERELEVATION RATE OF THE PAVEMENT AND SHOULDER SHALL MATCH. ON THE HIGH SIDE OF THE CURVE, THE SHOULDER SHALL REMAIN SLOPED AT 2%.
 2. FOR CURBED SECTIONS OF ROADWAY, THE SUPERELEVATION RATE OF THE PAVEMENT AND THE SHOULDER SHALL MATCH ON BOTH THE HIGH AND LOW SIDES OF THE CURVE.



END SUPER TRANSITION: 296+10
 BEGIN TANGENT RUNOUT: 295+65
 PLANAR SECTION: 295+20
 PT STATION: 294+84.28
 END FULL SUPER: 294+45
 BEGIN FULL SUPER: 289+79
 PC STATION: 289+39.00
 PLANAR SECTION: 289+04
 END TANGENT RUNOUT: 288+59
 BEGIN SUPER TRANSITION: 288+14

CURVE PR COLLINS_09

e = 5.4%
 TR = 45'
 SE RUNOFF = 120'

PR SHOULDER (TYP)
 PR THRU LANE (TYP)

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_supper06.dgn
 PEN TABLE: 19162.tbl

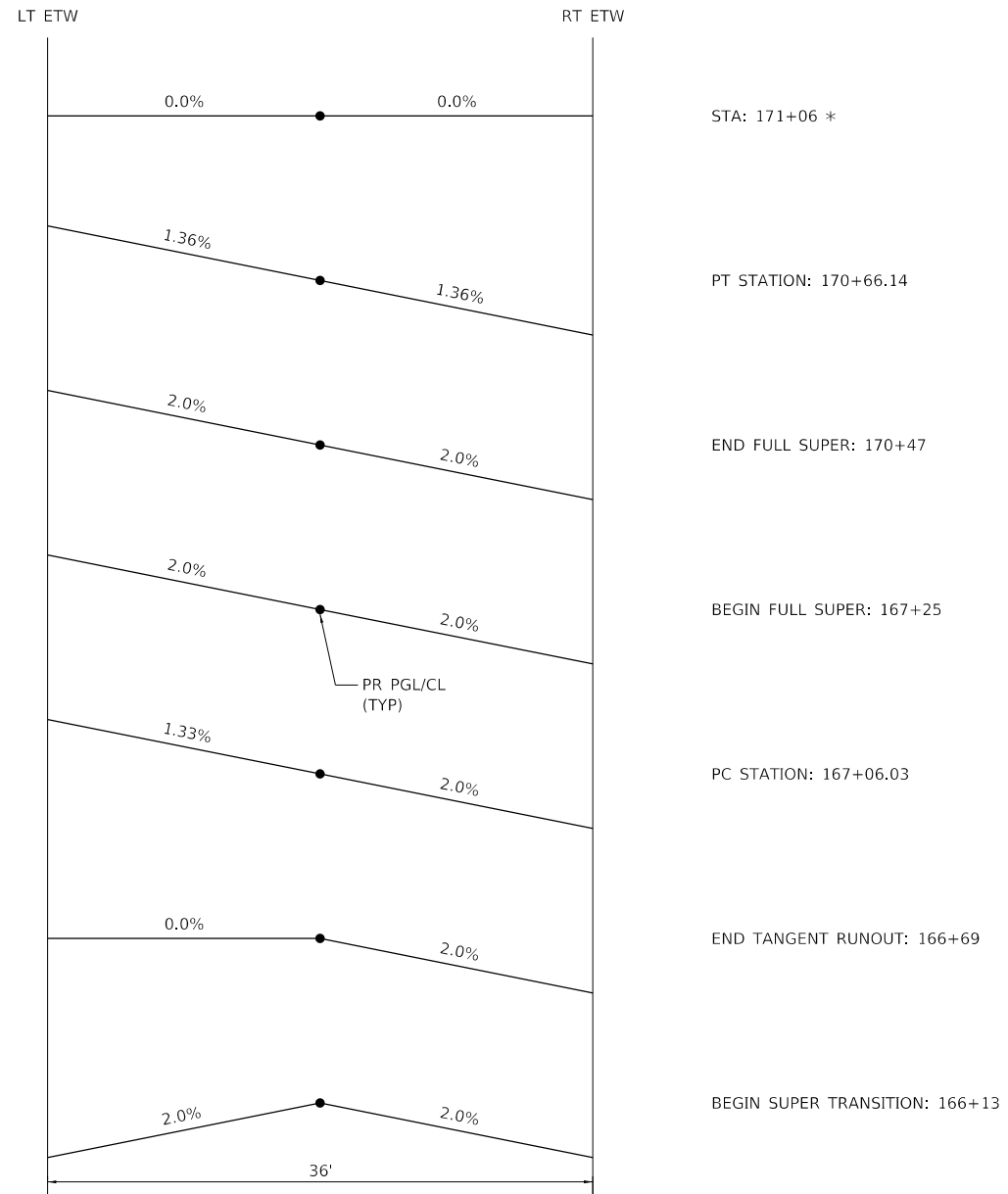


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	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

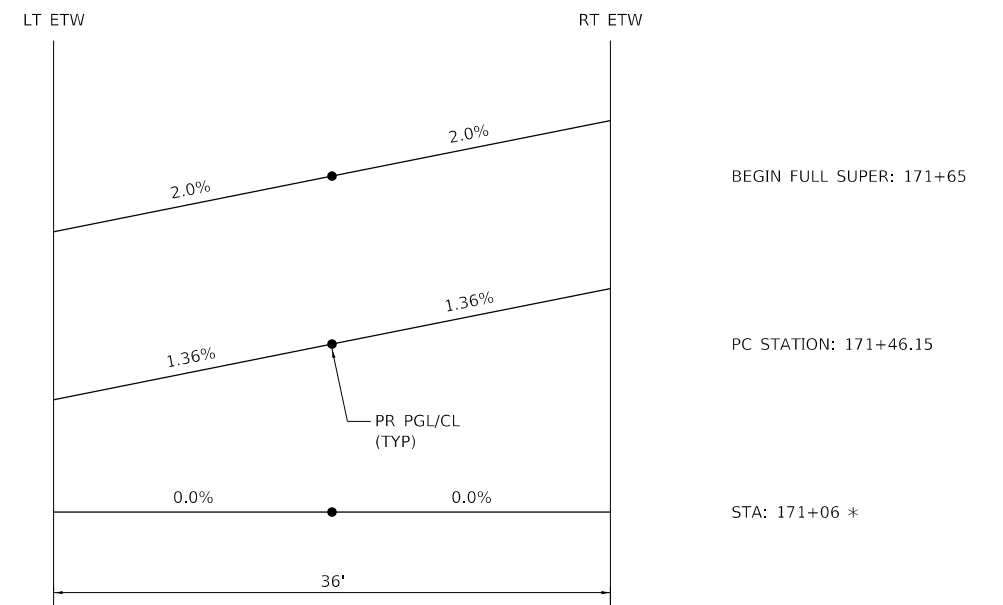
SUPERELEVATION DETAILS	
COLLINS ROAD	
SCALE:	SHEET 1 OF 2 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	23
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



CURVE PR MINKLER_14

e = 2.0%
TR = 56'
SE RUNOFF = 56'



CURVE PR MINKLER_17

e = 2.0%
TR = 56'
SE RUNOFF = 56'

* THE TRANSITION BETWEEN FULL SUPERS OF CURVES PR MINKLER_14 AND PR MINKLER_17 IS CONTINUOUSLY ROTATING. THE SECTION AT STATION 171+06 HAS A 0.0% CROSS SLOPE.

HRG PROJECT NO.: 19162
HRG PROJ. CONTACT:
FILE NAME: 19162_super02.dgn
PEN TABLE: 19162.tbl



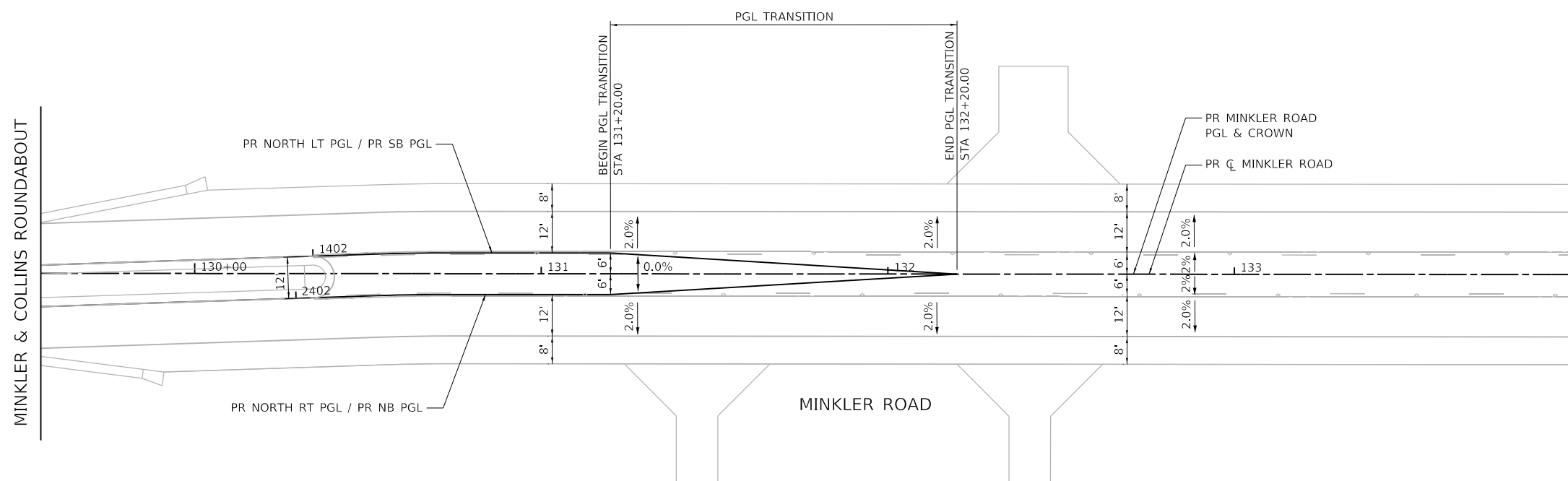
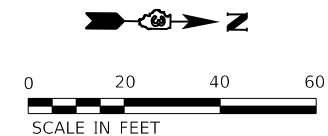
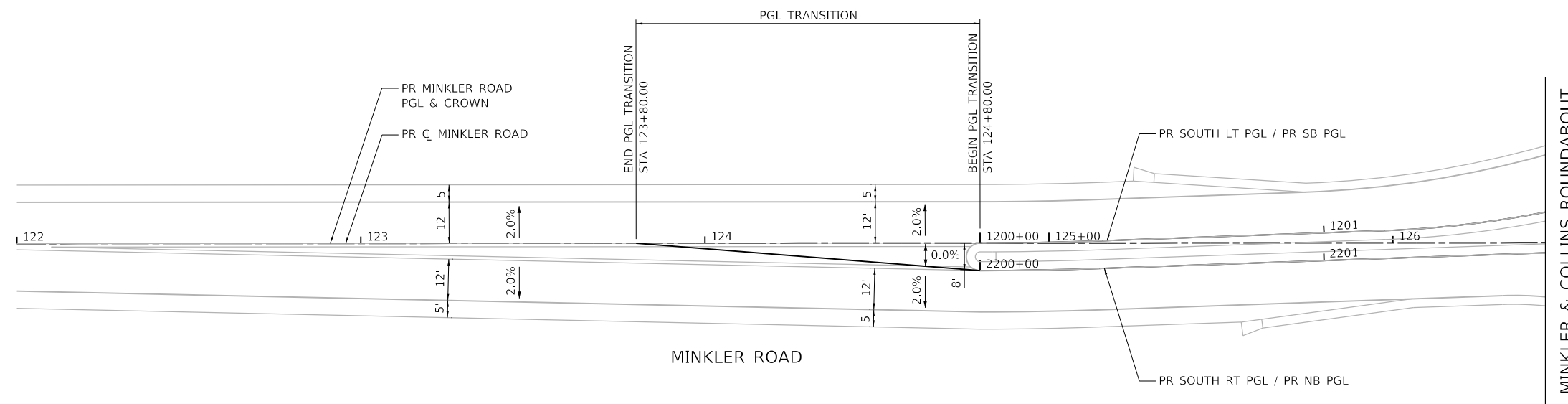
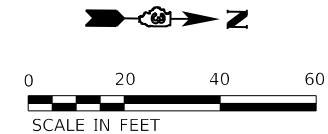
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	DRAWN - AJM	REVISED -
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PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUPERELEVATION DETAILS
MINKLER ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	24
CONTRACT NO. 87800				
ILLINOIS		FED. AID PROJECT		



HRG PROJECT NO: 19162
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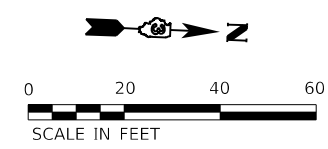
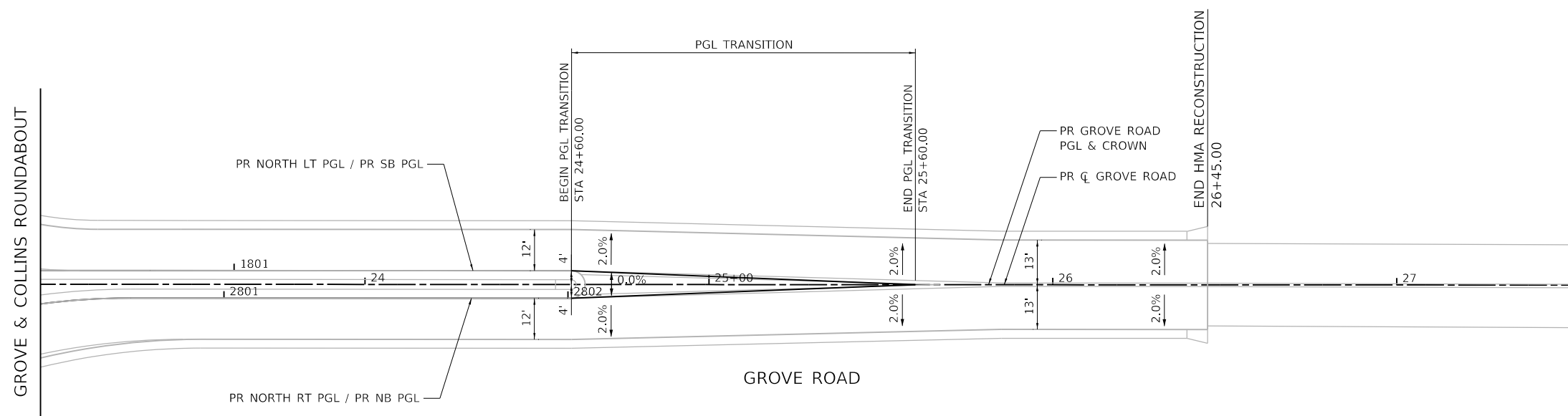
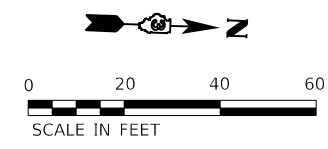
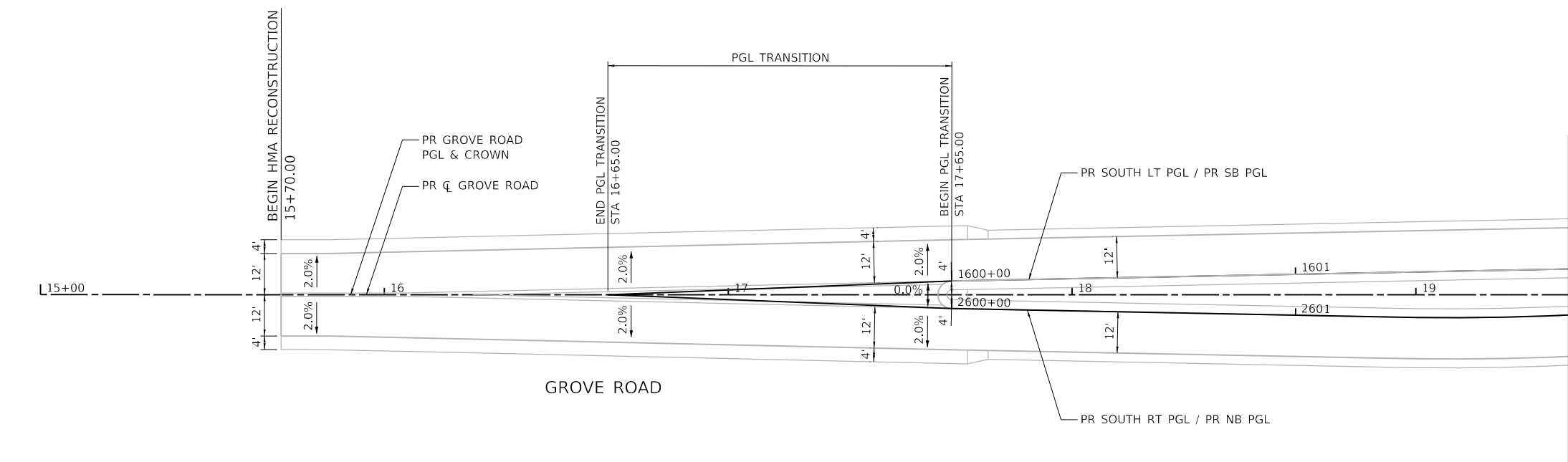
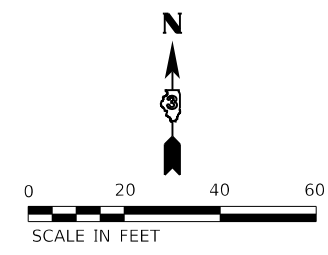
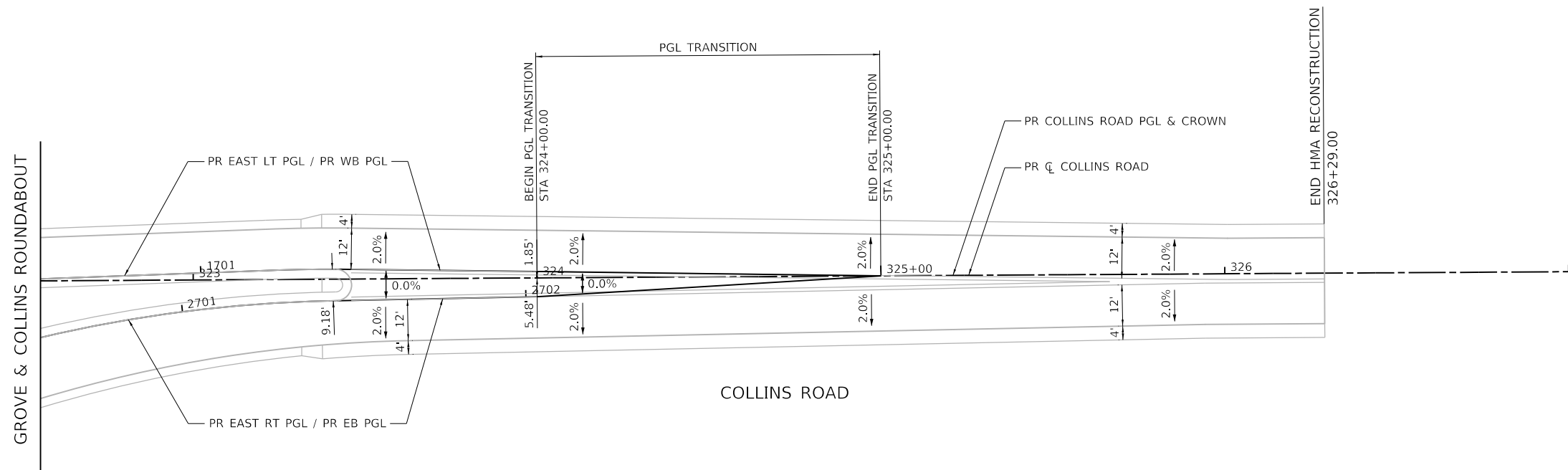


USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PGL TRANSITION DETAILS	
MINKLER ROAD	
SCALE:	SHEET 1 OF 2 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	25
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PGL TRANSITION DETAILS COLLINS ROAD & GROVE ROAD	
SCALE:	SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	26
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

SEEDING, CLASS 1A

ACRES	LOCATION
0.10	COLLINS ROAD
0.10	STA 285+15.00, 319.00' RT TO 286+00.00, 293.00' RT
	SUB-TOTAL
0.10	TOTAL

SEEDING, CLASS 2A

ACRES	LOCATION
0.46	COLLINS ROAD TO MINKLER ROAD
0.80	STA 233+53.39, 59.00' LT TO 235+36.21, 446.40' LT
1.26	STA 233+54.76, 59.00' RT TO 235+15.81, 772.90' LT
	SUB-TOTAL
0.01	COLLINS ROAD - MINKLER ROAD - NW QUAD - INSIDE PATH
0.01	STA 234+47.09, 38.84' LT TO 235+34.04, 101.79' RT
	SUB-TOTAL
0.01	COLLINS ROAD - MINKLER ROAD - SW QUAD - INSIDE PATH
0.01	STA 234+50.89, 27.76' RT TO 235+15.33, 101.91' RT
	SUB-TOTAL
0.09	COLLINS ROAD - MINKLER ROAD - INSIDE ROUNDABOUT
0.09	STA 235+16.69, 1.14' LT TO 235+85.48, 1.14' LT
	SUB-TOTAL
0.01	COLLINS ROAD - MINKLER ROAD - SE QUAD - INSIDE PATH
0.01	STA 235+70.04, 102.84 RT TO 236+53.75, 41.75' RT
	SUB-TOTAL
0.01	COLLINS ROAD - MINKLER ROAD - NE QUAD - INSIDE PATH
0.01	STA 235+90.71, 100.84' LT TO 236+52.15, 22.12' LT
	SUB-TOTAL
3.53	COLLINS ROAD TO MINKLER ROAD
3.08	STA 235+49.80, 773.71' RT TO 271+82.49, 69.00' RT
6.61	STA 236+01.43, 373.94' LT TO 271+82.49, 84.00' LT
	SUB-TOTAL
1.96	COLLINS ROAD - MEDIAN
0.04	STA 236+57.48, 12.45' RT TO 303+67.00, 6.42' LT
0.08	STA 310+55.61, 7.70' RT TO 311+90.05, 9.87' LT
2.09	STA 318+00.00, 7.70' RT TO 320+24.87, 9.12' LT
	SUB-TOTAL
2.88	COLLINS ROAD
1.16	STA 272+10.00, 74.00' LT TO 307+02.09, 79.42' LT
0.26	STA 272+10.00, 59.00' RT TO 284+50.00, 29.58' RT
0.26	STA 284+50.00, 29.58' RT TO 306+57.63, 35.58' RT
4.71	STA 284+76.61, 307.19' RT TO 320+71.27, 302.52' RT
0.16	STA 284+76.61, 307.19' RT TO 320+71.27, 302.52' RT
9.16	STA 306+67.61, 34.58' RT TO 320+25.39, 36.58' RT
	SUB-TOTAL
0.85	COLLINS ROAD - GROVE ROAD
0.73	STA 307+62.74, 69.87' LT TO 321+04.25, 444.23' LT
0.88	STA 321+38.19, 445.32' LT TO 326+29.00, 58.79' LT
2.46	STA 321+69.38, 629.23' RT TO 326+29.00, 49.00' RT
	SUB-TOTAL
0.03	COLLINS ROAD - GROVE ROAD - NW QUAD - INSIDE PATH
0.03	STA 320+35.45, 33.48 LT TO 321+08.62, 89.37' LT
	SUB-TOTAL
0.01	COLLINS ROAD - GROVE ROAD - SW QUAD - INSIDE PATH
0.01	STA 320+35.42, 32.38' RT TO 321+00.62, 111.76' RT
	SUB-TOTAL
0.09	COLLINS ROAD - GROVE ROAD - INSIDE ROUNDABOUT
0.09	STA 320+97.55, 8.71' RT TO 321+66.35, 9.13' RT
	SUB-TOTAL
0.01	COLLINS ROAD - GROVE ROAD - SE QUAD - INSIDE PATH
0.01	STA 321+58.50, 107.15' RT TO 322+35.52, 48.67' RT
	SUB-TOTAL

0.01	COLLINS ROAD - GROVE ROAD - NE QUAD - INSIDE PATH
0.01	STA 321+60.58, 92.68' LT TO 322+29.92, 23.48' LT
	SUB-TOTAL
0.06	MINKLER ROAD
2.23	STA 131+50.60, 59.00' RT TO 132+35.11, 59.00' RT
1.21	STA 132+47.11, 59.00' RT TO 159+82.66, 69.00' RT
0.81	STA 132+59.41, 59.00' LT TO 146+42.00, 74.00' LT
0.15	STA 146+58.00, 74.00' LT TO 153+95.84, 74.00' LT
0.12	STA 154+07.84, 74.00 LT TO 155+46.67, 74.00' LT
0.93	STA 155+60.67, 74.00' LT TO 156+76.52, 74.00' LT
0.80	STA 156+90.52, 74.00' LT TO 165+78.51, 74.00' RT
0.23	STA 160+10.66, 69.00' RT TO 168+00.00, 70.00' RT
0.38	STA 165+92.51, 74.00' LT TO 167+57.51, 75.60' LT
0.17	STA 167+70.43, 76.50' LT TO 170+31.04, 73.23' LT
7.09	STA 170+50.31, 72.14' LT TO 172+05.36, 67.65' LT
	SUB-TOTAL
29.00	TOTAL

SEEDING, CLASS 3

ACRES	LOCATION
0.29	MINKLER ROAD
0.29	STA 168+00.00, 70' RT TO 172+36.00, 50' RT
	SUB-TOTAL
0.29	TOTAL

SEEDING, CLASS 4A

ACRES	LOCATION
2.01	COLLINS ROAD
2.01	STA 284+73.91, 55.81' RT TO 320+50.00, 101.0' RT
	SUB-TOTAL
2.00	TOTAL

SEEDING, CLASS 4B

ACRES	LOCATION
0.75	COLLINS ROAD
0.75	STA 285+57.40, 255.13' RT TO 320+50.00, 101.0' RT
	SUB-TOTAL
0.75	TOTAL

NITROGEN, PHOSPHOROUS, POTASSIUM FERTILIZER NUTRIENT

POUNDS	LOCATION	POUNDS	LOCATION
41.65	COLLINS ROAD TO MINKLER ROAD	5.29	MINKLER ROAD
72.00	STA 233+53.39, 59.00' LT TO 235+36.21, 446.40' LT	200.61	STA 131+50.60, 59.00' RT TO 132+35.11, 59.00' RT
113.65	STA 233+54.76, 59.00' RT TO 235+15.81, 772.90' LT	108.70	STA 132+47.11, 59.00' RT TO 159+82.66, 69.00' RT
	SUB-TOTAL	72.73	STA 132+59.41, 59.00' LT TO 146+42.00, 74.00' LT
1.08	COLLINS ROAD - MINKLER ROAD - NW QUAD - INSIDE PATH	13.32	STA 146+58.00, 74.00' LT TO 153+95.84, 74.00' LT
1.08	STA 234+47.09, 38.84' LT TO 235+34.04, 101.79' RT	11.04	STA 154+07.84, 74.00 LT TO 155+46.67, 74.00' LT
	SUB-TOTAL	83.72	STA 155+60.67, 74.00' LT TO 156+76.52, 74.00' LT
1.08	COLLINS ROAD - MINKLER ROAD - SW QUAD - INSIDE PATH	71.77	STA 156+90.52, 74.00' LT TO 165+78.51, 74.00' LT
1.08	STA 234+50.89, 27.76' RT TO 235+15.33, 101.91' RT	20.99	STA 160+10.66, 69.00' RT TO 168+00.00, 70.00' RT
	SUB-TOTAL	34.45	STA 165+92.51, 74.00' LT TO 167+57.51, 75.60' LT
7.69	COLLINS ROAD - MINKLER ROAD - INSIDE ROUNDABOUT	26.10	STA 167+70.43, 76.50' LT TO 170+31.04, 73.23' LT
7.69	STA 235+16.69, 1.14' LT TO 235+85.48, 1.14' LT	15.61	STA 168+00.00, 70' RT TO 172+36.00, 50' RT
	SUB-TOTAL	664.34	STA 170+50.31, 72.14' LT TO 172+05.36, 67.65' LT
		2890.00	SUB-TOTAL
			TOTAL
1.12	COLLINS ROAD - MINKLER ROAD - SE QUAD - INSIDE PATH		
1.12	STA 235+70.04, 102.84 RT TO 236+53.75, 41.75' RT		
	SUB-TOTAL		
1.06	COLLINS ROAD - MINKLER ROAD - NE QUAD - INSIDE PATH		
1.06	STA 235+90.71, 100.84' LT TO 236+52.15, 22.12' LT		
	SUB-TOTAL		
317.83	COLLINS ROAD TO MINKLER ROAD		
276.94	STA 235+49.80, 773.71' RT TO 271+82.49, 69.00' RT		
594.77	STA 236+01.43, 373.94' LT TO 271+82.49, 84.00' LT		
	SUB-TOTAL		
176.52	COLLINS ROAD - MEDIAN		
3.76	STA 236+57.48, 12.45' RT TO 303+67.00, 6.42' LT		
7.57	STA 310+55.61, 7.70' RT TO 311+90.05, 9.87' LT		
187.85	STA 318+00.00, 7.70' RT TO 320+24.87, 9.12' LT		
	SUB-TOTAL		
258.88	COLLINS ROAD		
104.03	STA 272+10.00, 74.00' LT TO 307+02.09, 79.42' LT		
22.99	STA 272+10.00, 59.00' RT TO 284+50.00, 29.58' RT		
180.90	STA 284+50.00, 29.58' RT TO 306+57.63, 35.58' RT		
423.51	STA 284+73.91, 55.81' RT TO 320+50.00, 101.0' RT		
9.00	STA 284+76.61, 307.19' RT TO 320+71.27, 302.52' RT		
67.50	STA 285+15.00, 319.00' RT TO 286+00.00, 293.00' RT		
14.74	STA 285+57.40, 255.13' RT TO 320+50.00, 101.0' RT		
1081.55	STA 306+67.61, 34.58' RT TO 320+25.39, 36.58' RT		
	SUB-TOTAL		
76.58	COLLINS ROAD - GROVE ROAD		
65.98	STA 307+62.74, 69.87' LT TO 321+04.25, 444.23' LT		
79.19	STA 321+38.19, 445.32' LT TO 326+29.00, 58.79' LT		
221.74	STA 321+69.38, 629.23' RT TO 326+29.00, 49.00' RT		
	SUB-TOTAL		
2.26	COLLINS ROAD - GROVE ROAD - NW QUAD - INSIDE PATH		
2.26	STA 320+35.45, 33.48 LT TO 321+08.62, 89.37' LT		
	SUB-TOTAL		
1.06	COLLINS ROAD - GROVE ROAD - SW QUAD - INSIDE PATH		
1.06	STA 320+35.42, 32.38' RT TO 321+00.62, 111.76' RT		
	SUB-TOTAL		
7.69	COLLINS ROAD - GROVE ROAD - INSIDE ROUNDABOUT		
7.69	STA 320+97.55, 8.71' RT TO 321+66.35, 9.13' RT		
	SUB-TOTAL		
1.05	COLLINS ROAD - GROVE ROAD - SE QUAD - INSIDE PATH		
1.05	STA 321+58.50, 107.15' RT TO 322+35.52, 48.67' RT		
	SUB-TOTAL		
1.07	COLLINS ROAD - GROVE ROAD - NE QUAD - INSIDE PATH		
1.07	STA 321+60.58, 92.68' LT TO 322+29.92, 23.48' LT		
	SUB-TOTAL		

HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_sch04.dgn
 PEN TABLE: 19162.tbl



HRGreen.com
 Micro Professional Design Firm
 #184-001322

USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 (SHEET 1 OF 3)

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	27
CONTRACT NO. 87800				
ILLINOIS		FED. AID PROJECT		

EROSION CONTROL BLANKET

SO YD	LOCATION
COLLINS ROAD TO MINKLER ROAD	
2239.68	STA 233+53.39, 59.00' LT TO 235+36.21, 446.40' LT
3872.00	STA 233+54.76, 59.00' RT TO 235+15.81, 772.90' LT
6111.68	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - SW QUAD - INSIDE PATH	
57.94	STA 234+50.89, 27.76' RT TO 235+15.33, 101.91' RT
57.94	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - INSIDE ROUNDABOUT	
413.47	STA 235+16.69, 1.14' LT TO 235+85.48, 1.14' LT
413.47	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - SE QUAD - INSIDE PATH	
60.41	STA 235+70.04, 102.84 RT TO 236+53.75, 41.75' RT
60.41	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - NE QUAD - INSIDE PATH	
57.18	STA 235+90.71, 100.84' LT TO 236+52.15, 22.12' LT
57.18	SUB-TOTAL
COLLINS ROAD TO MINKLER ROAD	
17091.97	STA 235+49.80, 773.71' RT TO 271+82.49, 69.00' RT
14893.25	STA 236+01.43, 373.94' LT TO 271+82.49, 84.00' LT
31985.22	SUB-TOTAL
COLLINS ROAD - MEDIAN	
9493.12	STA 236+57.48, 12.45' RT TO 303+67.00, 6.42' LT
202.25	STA 310+55.61, 7.70' RT TO 311+90.05, 9.87' LT
406.94	STA 318+00.00, 7.70' RT TO 320+24.87, 9.12' LT
10102.32	SUB-TOTAL
COLLINS ROAD	
14096.51	STA 272+10.00, 74.00' LT TO 307+02.09, 79.42' LT
4712.37	STA 272+10.00, 59.00' RT TO 284+50.00, 29.58' RT
1236.24	STA 284+50.00, 29.58' RT TO 306+57.63, 35.58' RT
6969.60	STA 284+73.91, 55.81' RT TO 290+48.98, 79.08' RT
19,911.12	STA 284+76.61, 307.19' RT TO 320+71.27, 302.52' RT
822.80	STA 285+57.40, 255.13' RT TO 286+64.51, 230.25' RT
792.92	STA 306+67.61, 34.58' RT TO 320+25.39, 36.58' RT
48541.57	SUB-TOTAL
COLLINS ROAD - GROVE ROAD	
4118.14	STA 307+62.74, 69.87' LT TO 321+04.25, 444.23' LT
3548.01	STA 321+38.19, 445.32' LT TO 326+29.00, 58.79' LT
4258.58	STA 321+69.38, 629.23' RT TO 326+29.00, 49.00' RT
11924.73	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - NW QUAD - INSIDE PATH	
121.35	STA 320+35.45, 33.48 LT TO 321+08.62, 89.37' LT
121.35	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - SW QUAD - INSIDE PATH	
57.27	STA 320+35.42, 32.38' RT TO 321+00.62, 111.76' RT
57.27	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - INSIDE ROUNDABOUT	
413.47	STA 320+97.55, 8.71' RT TO 321+66.35, 9.13' RT
413.47	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - SE QUAD - INSIDE PATH	
56.24	STA 321+58.50, 107.15' RT TO 322+35.52, 48.67' RT
56.24	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - NE QUAD - INSIDE PATH	
57.32	STA 321+60.58, 92.68' LT TO 322+29.92, 23.48' LT
57.32	SUB-TOTAL

SO YD	LOCATION
MINKLER ROAD	
284.60	STA 131+50.60, 59.00' RT TO 132+35.11, 59.00' RT
10788.49	STA 132+47.11, 59.00' RT TO 159+82.66, 69.00' RT
5845.84	STA 132+59.41, 59.00' LT TO 146+42.00, 74.00' LT
3911.09	STA 146+58.00, 74.00' LT TO 153+95.84, 74.00' LT
716.45	STA 154+07.84, 74.00' LT TO 155+46.67, 74.00' LT
593.67	STA 155+60.67, 74.00' LT TO 156+76.52, 74.00' LT
4502.39	STA 156+90.52, 74.00' LT TO 165+78.51, 74.00' LT
5252.44	STA 160+10.66, 69.00' RT TO 172+34.22, 91.11' RT
1128.88	STA 165+92.51, 74.00' LT TO 167+57.51, 75.60' LT
1,852.75	STA 167+70.43, 76.50' LT TO 170+31.04, 73.23' LT
839.59	STA 170+50.31, 72.14' LT TO 172+05.36, 67.65' LT
35716.19	SUB-TOTAL

145,676.34 TOTAL

TURF REINFORCEMENT MAT

SO YD	LOCATION
COLLINS ROAD - MINKLER ROAD - NW QUAD	
4.00	STA 1101+04.44 20.57' LT
5.00	STA 1401+07.35 19.49' LT
9.00	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - SW QUAD	
4.00	STA 2101+05.11 19.49' RT
6.00	STA 1201+66.49 23.69' LT
10.00	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - NE QUAD	
7.00	STA 2401+07.52 19.51' RT
7.00	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - SE QUAD	
9.00	STA 2201+42.97 19.49' RT
9.00	SUB-TOTAL
COLLINS ROAD	
9.00	STA 2201+42.97 19.49' RT
14.00	STA 283+00.00 34.49' RT
8.00	STA 283+00.00 34.49' LT
10.00	STA 288+00.00 34.49' LT
4.00	STA 290+35.00 34.49' LT
5.00	STA 292+00.00 34.49' LT
7.00	STA 294+50.00 34.49' LT
4.00	STA 297+00.00 34.49' LT
4.00	STA 299+50.00 34.49' LT
4.00	STA 302+00.00 34.49' LT
2.00	STA 311+00.00 36.94' LT
3.00	STA 313+50.00 36.94' LT
74.00	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - SE QUAD	
8.00	STA 2601+50.00 19.49' RT
8.00	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - NE QUAD	
8.00	STA 2801+40.00 19.49' RT
8.00	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - NW QUAD	
6.00	STA 1801+40.00 19.49' LT
6.00	SUB-TOTAL
MINKLER ROAD	
12.00	STA 170+05.00 25.49' RT
12.00	STA 170+50.00 25.49' RT
12.00	STA 171+00.00 25.49' RT
11.00	STA 171+60.00 25.49' LT
47.00	SUB-TOTAL

178.00 TOTAL

TEMPORARY EROSION CONTROL SEEDING

POUNDS	LOCATION
COLLINS ROAD TO MINKLER ROAD	
93	STA 233+53.39, 59.00' LT TO 235+36.21, 446.40' LT
160	STA 233+54.76, 59.00' RT TO 235+15.81, 772.90' LT
253	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - SW QUAD - INSIDE PATH	
2	STA 234+50.89, 27.76' RT TO 235+15.33, 101.91' RT
2	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - SW QUAD - INSIDE PATH	
2	STA 234+50.89, 27.76' RT TO 235+15.33, 101.91' RT
2	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - INSIDE ROUNDABOUT	
17	STA 235+16.69, 1.14' LT TO 235+85.48, 1.14' LT
17	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - SE QUAD - INSIDE PATH	
2	STA 235+70.04, 102.84 RT TO 236+53.75, 41.75' RT
2	SUB-TOTAL
COLLINS ROAD - MINKLER ROAD - NE QUAD - INSIDE PATH	
2	STA 235+90.71, 100.84' LT TO 236+52.15, 22.12' LT
2	SUB-TOTAL
COLLINS ROAD TO MINKLER ROAD	
706	STA 235+49.80, 773.71' RT TO 271+82.49, 69.00' RT
615	STA 236+01.43, 373.94' LT TO 271+82.49, 84.00' LT
1322	SUB-TOTAL
COLLINS ROAD - MEDIAN	
392	STA 236+57.48, 12.45' RT TO 303+67.00, 6.42' LT
8	STA 310+55.61, 7.70' RT TO 311+90.05, 9.87' LT
17	STA 318+00.00, 7.70' RT TO 320+24.87, 9.12' LT
417	SUB-TOTAL
COLLINS ROAD	
583	STA 272+10.00, 74.00' LT TO 307+02.09, 79.42' LT
195	STA 272+10.00, 59.00' RT TO 284+50.00, 29.58' RT
51	STA 284+50.00, 29.58' RT TO 306+57.63, 35.58' RT
939	STA 284+76.61, 307.19' RT TO 320+71.27, 302.52' RT
33	STA 306+67.61, 34.58' RT TO 320+25.39, 36.58' RT
1800	SUB-TOTAL
COLLINS ROAD - GROVE ROAD	
170	STA 307+62.74, 69.87' LT TO 321+04.25, 444.23' LT
147	STA 321+38.19, 445.32' LT TO 326+29.00, 58.79' LT
176	STA 321+69.38, 629.23' RT TO 326+29.00, 49.00' RT
493	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - NW QUAD - INSIDE PATH	
5	STA 320+35.45, 33.48 LT TO 321+08.62, 89.37' LT
5	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - SW QUAD - INSIDE PATH	
2	STA 320+35.42, 32.38' RT TO 321+00.62, 111.76' RT
2	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - INSIDE ROUNDABOUT	
17	STA 320+97.55, 8.71' RT TO 321+66.35, 9.13' RT
17	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - SE QUAD - INSIDE PATH	
2	STA 321+58.50, 107.15' RT TO 322+35.52, 48.67' RT
2	SUB-TOTAL
COLLINS ROAD - GROVE ROAD - NE QUAD - INSIDE PATH	
2	STA 321+60.58, 92.68' LT TO 322+29.92, 23.48' LT
2	SUB-TOTAL

POUNDS	LOCATION
MINKLER ROAD	
12	STA 131+50.60, 59.00' RT TO 132+35.11, 59.00' RT
446	STA 132+47.11, 59.00' RT TO 159+82.66, 69.00' RT
242	STA 132+59.41, 59.00' LT TO 146+42.00, 74.00' LT
162	STA 146+58.00, 74.00' LT TO 153+95.84, 74.00' LT
30	STA 154+07.84, 74.00' LT TO 155+46.67, 74.00' LT
25	STA 155+60.67, 74.00' LT TO 156+76.52, 74.00' LT
186	STA 156+90.52, 74.00' LT TO 165+78.51, 74.00' LT
217	STA 160+10.66, 69.00' RT TO 172+34.22, 91.11' RT
47	STA 165+92.51, 74.00' LT TO 167+57.51, 75.60' LT
77	STA 167+70.43, 76.50' LT TO 170+31.04, 73.23' LT
35	STA 170+50.31, 72.14' LT TO 172+05.36, 67.65' LT
1476	SUB-TOTAL

5,816.50 TOTAL

VALVE VAULTS TO BE ADJUSTED

EACH	LOCATION
COLLINS ROAD	
1.00	STA 32078.93, 44.18' RT
1.00	STA 321+73.17, 13.65' RT
2.00	SUB-TOTAL

2.00 TOTAL

REMOVING MANHOLES

EACH	LOCATION
COLLINS ROAD	
1.00	STA 320+11.38, 36.02' LT
1.00	SUB-TOTAL

1.00 TOTAL

HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162_SCH02.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
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	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES
 (SHEET 2 OF 3)**

SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	28
			CONTRACT NO. 87800	
		ILLINOIS	FED. AID PROJECT	

FURNISHING AND ERECTING RIGHT OF WAY MARKERS

EACH	LOCATION	OFFSET
COLLINS ROAD		
1	STA 232+00.00	60.0' LT
1	STA 232+00.00	60.0' RT
1	STA 234+00.00	60.0' LT
1	STA 234+25.00	60.0' RT
1	STA 237+00.00	75.0' LT
1	STA 237+50.00	75.0' RT
1	STA 238+00.00	75.0' LT
1	STA 238+00.00	65.0' LT
1	STA 239+00.00	75.0' RT
1	STA 239+00.00	65.0' RT
1	STA 241+00.00	65.0' LT
1	STA 241+00.00	60.0' LT
1	STA 252+00.00	65.0' RT
1	STA 252+00.00	70.0' RT
1	STA 258+00.00	70.0' RT
1	STA 258+00.00	60.0' RT
1	STA 265+00.00	60.0' LT
1	STA 265+00.00	75.0' LT
1	STA 273+00.00	75.0' LT
1	STA 273+00.00	70.0' LT
1	STA 273+57.49	70.0' LT
1	STA 273+57.49	60.0' RT
1	STA 279+26.64	60.0' RT
1	STA 279+29.64	70.0' LT
1	STA 282+50.00	70.0' LT
1	STA 283+16.11	60.0' RT
1	STA 284+50.00	140.0' LT
1	STA 284+64.55	290.3' RT
1	STA 285+18.12	100.0' RT
1	STA 285+85.68	140.0' LT
1	STA 286+00.00	70.0' LT
1	STA 289+39.00	70.0' LT
1	STA 289+39.00	100.0' RT
1	STA 290+00.00	70.0' LT
1	STA 290+00.00	60.0' LT
1	STA 293+93.74	40.7' LT
1	STA 294+83.88	50.0' LT
1	STA 294+84.28	100.0' RT
1	STA 320+00.00	49.8' LT
1	STA 320+00.16	100.2' RT
1	STA 322+50.00	59.8' LT
1	STA 323+49.68	50.2' RT
1	STA 327+00.00	50.2' RT
43	SUB-TOTAL	

MINKLER ROAD		
1	STA 119+50.00	60.0' LT
1	STA 119+50.00	60.0' RT
1	STA 126+00.00	60.0' LT
1	STA 126+20.00	60.0' RT
1	STA 129+00.00	60.0' LT
1	STA 129+25.00	60.0' RT
1	STA 135+07.99	60.0' LT
1	STA 135+07.99	60.0' RT
1	STA 136+85.73	60.0' LT
1	STA 136+85.73	60.0' RT
1	STA 140+47.41	60.0' LT
1	STA 142+05.90	60.0' RT
1	STA 143+87.74	60.0' RT
1	STA 153+00.00	60.0' RT
1	STA 153+00.00	70.0' RT
1	STA 167+06.00	70.0' RT
1	STA 168+96.46	70.0' RT
17	SUB-TOTAL	

GROVE ROAD		
1	STA 14+50.00	60.0' LT
1	STA 14+50.00	60.0' RT
1	STA 19+00.00	60.0' LT
1	STA 19+00.00	100.0' LT
1	STA 20+50.00	100.0' LT
1	STA 20+50.00	60.0' RT
1	STA 23+00.00	50.0' RT
1	STA 23+25.00	50.0' LT
8	SUB-TOTAL	
68.00	TOTAL	

PERMANENT SURVEY MARKERS, TYPE I

EACH	LOCATION	DESCRIPTION
COLLINS ROAD		
1.00	229+88.97	PT
1.00	SUB-TOTAL	
MINKLER ROAD		
1.00	107+22.81	PT
1.00	135+07.99	PC
1.00	136+85.73	PT
1.00	142+05.90	PC
1.00	143+87.74	PT
1.00	167+06.00	PC
1.00	107+66.10	PT
1.00	171+46.12	PC
1.00	174+87.55	PT
1.00	176+43.44	POT (COLLINS ROAD)
10.00	SUB-TOTAL	
GROVE ROAD		
1.00	331+04.90	POT
1.00	10+00.00	POT
1.00	33+52.45	POT
3.00	SUB-TOTAL	
14.00	TOTAL	

PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION	DESCRIPTION
COLLINS ROAD		
1.00	235+51.08	(127+63.5 POT (CL MINKLER ROAD)
1.00	273+57.49	PC
1.00	279+29.64	PT
1.00	289+39.00	PC
1.00	294+84.28	PT
1.00	321+35.52	(22+00.00 POT (CL GROVE ROAD)
6.00	SUB-TOTAL	
6.00	TOTAL	

HEAVY DUTY EROSION CONTROL BLANKET, SPECIAL

SO YD	LOCATION
2,820.91	COLLINS ROAD
2820.91	STA 284+76.61, 307.19' RT TO 320+71.27, 302.52' RT
	SUB-TOTAL
2,821.00	TOTAL

TURF REINFORCEMENT MAT (SPECIAL)

SO YD	LOCATION
440.12	COLLINS ROAD
440.12	STA 285+28.34, 256.11' RT TO 285+97.00, 311.20' RT
	SUB-TOTAL
440.12	TOTAL

SANITARY MANHOLES TO BE ADJUSTED

EACH	LOCATION	
COLLINS ROAD		
1.00	STA 321+82.96, 3.76' LT	
1.00	SUB-TOTAL	
MINKLER ROAD		
1.00	STA 128+21.49, 59.14' RT	
1.00	STA 156+50.00, 23.88' LT	
1.00	STA 161+41.62, 29.93' LT	
1.00	STA 165+98.41, 29.84' LT	
1.00	STA 168+29.92, 59.20' LT	
5.00	SUB-TOTAL	
6.00	TOTAL	

SANITARY MANHOLES TO BE RECONSTRUCTED

EACH	LOCATION	
MINKLER ROAD		
1.00	STA 152+12.39, 23.82' LT	
1.00	SUB-TOTAL	
1.00	TOTAL	

STORM WATER CURB OPENING

EACH	LOCATION	
COLLINS ROAD		
1.00	STA 233+79.81 LT	
1.00	STA 233+79.91 RT	
1.00	STA 283+00.00 LT	
1.00	STA 283+00.00 RT	
1.00	STA 288+00.00 LT	
1.00	STA 290+35.00 LT	
1.00	STA 292+00.00 LT	
1.00	STA 294+50.00 LT	
1.00	STA 297+00.16 LT	
1.00	STA 299+50.19 LT	
1.00	STA 302+00.11 LT	
1.00	STA 305+00.00 LT	
1.00	STA 311+00.00 LT	
14.00	SUB-TOTAL	

MINKLER ROAD		
1.00	STA 126+23.31 LT	
1.00	STA 126+43.47 RT	
1.00	STA 129+37.22 LT	
1.00	STA 129+41.15 RT	
1.00	STA 170+05.00 RT	
1.00	STA 170+50.00 RT	
1.00	STA 171+00.00 RT	
1.00	STA 171+60.00 LT	
8.00	SUB-TOTAL	

GROVE ROAD		
1.00	STA 19+15.00 RT	
1.00	STA 24+00.00 RT	
1.00	STA 24+01.98 LT	
3.00	SUB-TOTAL	
25.00	TOTAL	

FENCE REMOVAL

FOOT	LOCATION	
COLLINS ROAD		
3465.00	STA 236+84 TO 271+50	
3465.00	SUB-TOTAL	
3,465.00	TOTAL	

HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162_SCH03.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
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PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
 (SHEET 3 OF 3)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	29
CONTRACT NO. 87800				
ILLINOIS		FED. AID PROJECT		

LOCATION	AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD)	SUBBASE GRANULAR MATERIAL TYPE B 4" (SQ YD)	SUBBASE GRANULAR MATERIAL TYPE B 8" (SQ YD)	AGGREGATE BASE COURSE TYPE B 6" (SQ YD)	AGGREGATE BASE COURSE TYPE B 8" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	TEMPORARY RAMP (SQ YD)	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50 (TON)	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N70 (TON)	HOT-MIX ASPHALT SURF. COURSE IL-9.5 MIX "C", N50 (TON)	POLYMERIZED HOT-MIX ASPHALT SURF. COURSE IL-9.5 MIX "D", N70 (TON)	PROTECTIVE COAT (SQ YD)	PCC DRIVEWAY PAVEMENT 6 INCH (SQ YD)	PCC SIDEWALKS 5 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	PAVEMENT REMOVAL	
																	EXISTING PAVEMENT (SQ YD)	TEMPORARY PAVEMENT (SQ YD)
COLLINS ROAD																		
STA 233+75.63 TO STA 235+52.89	1,285		102	287		2,056	411			461		102	1,104		2,586	80	169	
STA 235+52.89 TO STA 238+60.26	1,961		64	279		3,245	649			727		162	657		2,511	80	168	
STA 238+60.26 TO STA 272+00.00	17,502		127			33,394	6,679			7,480	19	1,662	2,345				0	
STA 272+00.00 TO STA 306+67.61	19,055		0		3,211	33,536	6,707		56	7,512	360	1,669	3,993				0	
STA 306+67.61 TO STA 318+00.00	7,052		0		1,258	13,100	2,620	27		2,937	141	653	1,537			40	6,485	
STA 318+00.00 TO STA 321+38.17	2,174		79	279	250	3,527	705			790	28	176	991		2,511	80	2,120	
STA 321+38.17 TO STA 323+42.31	1,689		170	274		2,258	452			506		112	1,190		2,466	80	1,176	
STA 323+42.31 TO STA 326+29.00	935					2,091	418	16		468		104					968	
MINKLER ROAD																		
STA 119+90.00 TO STA 124+80.00	2,066	1,302				4,519	904	27		1,012		225					1,115	3,457
STA 124+80.00 TP STA 126+93.71	1,048	501	131			1,618	324			363		81	359			80	485	
STA 128+32.27 TO STA 130+35.19	1,526	602	200			1,567	313			351		78	425			80	462	
STA 130+35.19 TO STA 171+62.00	23,180	1,350	1,483			51,385	10,277	40	287	11,510	108	2,558	544	101			10,034	297
GROVE ROAD																		
STA 15+70.00 TO STA 17+65.00	823					1,734	347			388		86					576	
STA 17+65.00 TO STA 21+21.63	1,563		307		243	2,274	455			509	27	113	779			80	1,047	
STA 22+61.76 TO STA 24+60.00	907		102		73	1,281	256			287	8	64	349			80	581	
STA 24+60.00 TO STA 26+45.00	721					1,290	258	29		289		64	130				541	
TOTALS:	83,485	3,755	2,767	1,120	5,036	158,876	31,776	139	343	35,591	691	7,910	14,403	102	10,076	680	29,683	

LOCATION	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	COMBINATION CURB & GUTTER REMOVAL (FOOT)	PAVED SHOULDER REMOVAL (SQ YD)	CONCRETE CURB TYPE B (FOOT)	COMBINATION CONCRETE CURB & GUTTER TYPE B-6.12 (FOOT)		COMBINATION CONCRETE CURB & GUTTER TYPE B-6.24 (FOOT)		COMB. CC&G TYPE B-6.24 (VARIABLE WIDTH GUTTER FLAG) (FOOT)		COMBINATION CONCRETE CURB & GUTTER TYPE M-6.24 (FOOT)	COMBINATION CONCRETE CURB & GUTTER TYPE M (MODIFIED) (FOOT)	CONCRETE MEDIAN SURFACE, 4 INCH (SQ FT)	TEMPORARY ACCESS PRIVATE ENTRANCE (EACH)	TEMPORARY ACCESS COMMERCIAL ENTRANCE (EACH)	TEMPORARY ACCESS FIELD ENTRANCE (EACH)	CONCRETE MEDIAN TYPE SB-6.24 (SPECIAL) (SQ FT)	HOT-MIX ASPHALT REMOVAL (SPECIAL) (SQ YD)	TEMPORARY PAVEMENT (SQ YD)	PCC SHOULDERS 12.5 INCH (SPECIAL) (SQ YD)	RAMPED MEDIAN NOSE (EACH)
					LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT											
COLLINS ROAD																					
STA 233+75.63 TO STA 235+52.89				220	LT	RT	169	158			194	320	844							377	2
STA 235+52.89 TO STA 238+60.26							220	232			465		502								2
STA 238+60.26 TO STA 272+00.00							3,339	3,339													
STA 272+00.00 TO STA 306+67.61							81	5,666	5,625												1
STA 306+67.61 TO STA 318+00.00		2116		126			1,740	1,878									2008	23			1
STA 318+00.00 TO STA 321+38.17		573					318	318			510		636				2150				2
STA 321+38.17 TO STA 323+42.31				220			192	181			261	320	1,385							377	3
STA 323+42.31 TO STA 326+29.00																					
MINKLER ROAD																					
STA 119+90.00 TO STA 124+80.00					LT	RT	LT	RT											1,302		
STA 124+80.00 TP STA 126+93.71							164	127			402		1,041						501		3
STA 128+32.27 TO STA 130+35.19							159	154			378		1,640						602		3
STA 130+35.19 TO STA 171+62.00	173		218				583	567	39	70				6	1	4			1,350		
GROVE ROAD																					
STA 15+70.00 TO STA 17+65.00					LT	RT	LT	RT													
STA 17+65.00 TO STA 21+21.63							347	352			688		2,629					359			3
STA 22+61.76 TO STA 24+60.00							187	192			367		784					148			3
STA 24+60.00 TO STA 26+45.00							185	185													
TOTALS:	173	2,690	218	440			207	26,579	110		3,264	640	9,462	6	1	4	4,159	530	3,755	754	23

HRG PROJECT NO: 19162
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USER NAME = amiller	DESIGNED - JMR	REVISED -
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	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT SCHEDULE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	30
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

LOCATION	TOPSOIL EXCAVATION (CU YD)	TOPSOIL EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (CU YD)	TOPSOIL PLACEMENT (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (25%) (CU YD)	EMBANKMENT (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	EARTH BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SQ YD)	AGGREGATE SUBGRADE IMPROVEMENT (CU YD)
COLLINS ROAD											
STA 238+60.56 TO STA 318+00.00	32924	24693	6993	23629	17722	42677	17700	-24955			
STA 324+00.00 TO STA 326+29.00	247	185	94	455	342	91	91	250			
DETENTION BASIN	2241	1681	759	4558	3419	502	922	2916			
MINKLER ROAD											
STA 119+90.00 TO STA 124+80.00	1013	760	275	1413	1060	368	485	692			
STA 131+20.00 TO STA 171+65.00	11680	8760	2743	16470	12352	13661	6016	-1309			
GROVE ROAD											
STA 15+70.00 TO STA 17+65.00	415	311	122	370	278	247	189	31			
STA 24+60.00 TO STA 26+45.00	304	228	91	0	0	562	137	-562	311	704	235
ROUNDBOUT (COLLINS RD AT MINKLER RD)											
STA 1101+00.63 TO STA 1102+09.97 (WEST-LEFT)	197	148	25	0	0	306	123	-306			
STA 2101+00.63 TO STA 2102+05.46 (WEST-RIGHT)	172	129	26	3	2	226	103	-224			
STA 1300+00.00 TO STA 1302+38.92 (EAST-LEFT)	561	421	121	298	223	517	300	-294			
STA 2300+00.00 TO STA 2302+43.56 (EAST-RIGHT)	616	462	136	387	291	556	327	-266			
STA 1200+00.00 TO STA 1202+17.46 (SOUTH-LEFT)	374	280	74	266	199	257	206	-58			
STA 2202+00.00 TO STA 2202+12.95 (SOUTH-RIGHT)	351	263	74	243	182	194	190	-12			
STA 1400+00.00 TO STA 1402+85.89 (NORTH-LEFT)	388	291	74	269	202	202	217	0			
STA 2400+00.00 TO STA 2402+90.74 (NORTH-RIGHT)	531	398	94	202	152	277	304	-125			
CIRCULATING ROADWAY	973	730	182	101	76	2234	548	-2159			
ROUNDBOUT (COLLINS RD AT GROVE RD)											
STA 1500+00.00 TO STA 1502+64.55 (WEST-LEFT)	225	169	75	160	120	257	93	-137			
STA 2500+00.00 TO STA 2502+61.89 (WEST-RIGHT)	567	425	164	1009	757	442	261	315			
STA 1700+00.00 TO STA 1701+97.79 (EAST-LEFT)	157	118	59	130	98	218	59	-121			
STA 2700+00.00 TO STA 2702+03.26 (EAST-RIGHT)	294	221	76	289	217	208	145	9			
STA 1600+00.00 TO STA 1603+60.17 (SOUTH-LEFT)	783	587	198	979	734	931	389	-197			
STA 2600+00.00 TO STA 2603+55.74 (SOUTH-RIGHT)	531	398	150	523	392	454	248	-62	208	1615	269
STA 1800+00.00 TO STA 1801+98.11 (NORTH-LEFT)	319	239	78	48	36	812	161	-776	207	1289	215
STA 2800+00.00 TO STA 2802+01.02 (NORTH-RIGHT)	298	224	79	51	38	608	145	-570	288	526	175
CIRCULATING ROADWAY	555	416	196	101	76	2321	221	-2246	288	550	183
TOTAL	56,715	42,536	12,958	51,953	38,965	69,129	29,578	-30,164	1,302	4,684	1,077

NOTES:

- ALL MATERIAL TO BE UTILIZED AS EMBANKMENT ON THIS PROJECT SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS INCLUDED IN THIS CONTRACT AT THE TIME OF LETTING.
- EXCESS TOPSOIL SHALL BE UTILIZED IN THE EMBANKMENT TO REDUCE THE VOLUME OF FURNISHED EXCAVATION NEEDED, HOWEVER THE USE OF TOPSOIL IN THE EMBANKMENT SHALL BE IN ACCORDANCE WITH NOTE #1 ABOVE. THE EARTHWORK SCHEDULE HAS NOT BEEN ADJUSTED TO ACCOUNT FOR USE OF EXCESS TOPSOIL IN EMBANKMENT.

SHRINKAGE FACTORS

TOPSOIL & EARTH EXCAVATION 25%

PAY ITEMS

20200100	EARTH EXCAVATION	51,953	CU YD
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	1,302	CU YD
20400800	FURNISHED EXCAVATION	30,164	CU YD
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	4,684	SQ YD
21101505	TOPSOIL EXCAVATION AND PLACEMENT	56,715	CU YD
30300001	AGGREGATE SUBGRADE IMPROVEMENT	1,077	CU YD

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
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USER NAME = amiller	DESIGNED - JMR	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EARTHWORK SCHEDULE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	31
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

LOCATION	PIPE UNDERDRAINS	PIPE UNDERDRAINS	CONCRETE HEADWALLS
	4" (SPECIAL)	TYPE 3	FOR PIPE DRAINS
	(FOOT)	(FOOT)	(EACH)
COLLINS ROAD			
STA 233+76 LT	10		1
STA 233+76 TO STA 235+12 LT		146	
STA 233+76 RT	10		1
STA 233+76 TO STA 235+06 RT		156	
STA 236+22 TO STA 237+42 LT		125	
STA 236+02 TO STA 237+40 RT		143	
STA 237+40 RT	13		1
STA 237+42 LT	12		1
STA 237+40 TO STA 239+37 RT		197	
STA 237+42 TO STA 239+37 LT		196	
STA 239+37 LT	10		1
STA 239+37 RT	10		1
STA 239+37 TO STA 241+87 LT		250	
STA 239+37 TO STA 241+87 RT		250	
STA 253+50 TO STA 256+00 LT		250	
STA 253+50 TO STA 256+00 RT		250	
STA 256+00 LT	10		1
STA 256+00 TO STA 258+50 LT		250	
STA 256+00 TO STA 258+50 RT		250	
STA 278+00 TO STA 279+25 LT		125	
STA 278+00 TO STA 280+58 RT		250	
STA 279+35 TO STA 280+60 LT		125	
STA 280+58 RT	10		1
STA 280+60 TO STA 283+00 LT		240	
STA 280+58 TO STA 283+00 RT		242	
STA 287+85 TO STA 290+25 LT		238	
STA 288+10 TO STA 290+35 RT		226	
STA 290+35 LT	13		1
STA 290+25 TO STA 292+85 LT		250	
STA 290+45 TO STA 291+90 RT		146	
STA 292+00 TO STA 292+85 RT		85	
STA 316+00 TO STA 318+50 LT		250	
STA 316+00 TO STA 318+50 RT		250	
STA 318+60 TO STA 320+45 LT		185	
STA 318+60 TO STA 320+45 RT		185	
STA 321+89 TO STA 232+62 LT		179	
STA 322+09 TO STA 232+62 RT		158	
STA 232+62 LT	12		1
STA 232+62 RT	12		1
STA 323+62 TO STA 324+86 LT		125	
STA 323+62 TO STA 324+86 RT		125	
STA 324+86 LT	8		1
STA 324+86 RT	8		1
STA 324+86 TO STA 326+29 LT		143	
STA 324+86 TO STA 326+29 RT		143	
STA			
MINKLER ROAD			
STA 119+90 TO STA 122+29 LT		239	
STA 119+90 TO STA 122+29 RT		239	
STA 122+29 LT	8		1
STA 122+29 RT	8		1

LOCATION	PIPE UNDERDRAINS	PIPE UNDERDRAINS	CONCRETE HEADWALLS
	4" (SPECIAL)	TYPE 3	FOR PIPE DRAINS
	(FOOT)	(FOOT)	(EACH)
STA 122+29 TO STA 123+38 LT		109	
STA 122+29 TO STA 123+38 RT		109	
STA 123+38 TO STA 124+80 LT		142	
STA 123+38 TO STA 124+80 RT		142	
STA 124+80 LT	8		1
STA 124+80 RT	8		1
STA 124+80 TO STA 126+32 LT		153	
STA 124+80 TO STA 126+13 RT		134	
STA 126+13 RT	12		1
STA 126+13 TO STA 127+07 RT		105	
STA 126+32 TO STA 126+86 LT		57	
STA 128+29 TO STA 129+50 LT		127	
STA 128+03 TO STA 129+50 RT		158	
STA 129+50 LT	12		1
STA 129+50 RT	12		1
STA 129+50 TO STA 132+00 LT		250	
STA 129+50 TO STA 132+00 RT		250	
STA 142+04 TO STA 143+04 LT		99	
STA 142+04 TO STA 143+04 RT		101	
STA 143+04 LT	8		1
STA 143+04 RT	8		1
STA 143+04 TO STA 145+54 LT		250	
STA 143+04 TO STA 145+54 RT		250	
STA 145+54 LT	8		1
STA 145+54 RT	8		1
STA 145+54 TO STA 148+04 LT		250	
STA 145+54 TO STA 148+04 RT		250	
STA 148+04 LT	8		1
STA 148+04 RT	8		1
STA 148+04 TO STA 150+54 LT		250	
STA 148+04 TO STA 150+54 RT		250	
STA 159+10 TO STA 161+60 LT		250	
STA 159+10 TO STA 161+60 RT		250	
STA 161+60 LT	8		1
STA 161+60 RT	8		1
STA 161+60 TO STA 164+10 LT		250	
STA 161+60 TO STA 164+10 RT		250	
STA 164+10 LT	8		1
STA 164+10 RT	8		1
STA 164+10 TO STA 165+90 LT		180	
STA 164+10 TO STA 165+90 RT		180	
STA 165+90 RT	12		1
STA 165+90 TO STA 166+60 RT		70	
TOTAL	311	11,478	32

NOTE:
SEE HIGHWAY STANDARD 601001-05 FOR PLACEMENT OF PIPE UNDERDRAIN 4" (SPECIAL).

LOCATION	PAVEMENT MARKING REMOVAL WATER BLASTING (SQ FT)	WORK ZONE PAVEMENT MARKING						SHORT-TERM PAVEMENT MARKING		SHORT TERM PAVEMENT MARKING REMOVAL (SQ FT)
		LINE - 4"		LINE - 8"		LINE - 12"	LINE - 24"	MEDIAN LINE YELLOW (FOOT)	LANE LINE WHITE (FOOT)	
		SOLID EDGE LINE WHITE (FOOT)	SOLID MEDIAN CL YELLOW (FOOT)	SOLID LEFT TURN WHITE (FOOT)	DASH LEFT TURN WHITE (FOOT)	SOLID LINE WHITE (FOOT)	SOLID STOP BAR WHITE (FOOT)			
PRE-STAGE										
COLLINS ROAD										
STA 306+50 TO STA 327+00										
MINKLER ROAD										
STA 116+50 TO STA 175+50	2031									
GROVE ROAD										
STA 20+50 TO STA 28+00	105									
PRE-STAGE SUB-TOTALS	2136									
STAGE I										
COLLINS ROAD										
STA 306+50 TO STA 327+00	736	2967	1674							
MINKLER ROAD										
STA 116+50 TO STA 175+50	303	6025	3009							
GROVE ROAD										
STA 20+50 TO STA 28+00	165	348	174							
STAGE I SUB-TOTALS	1204	9341	4857							
STAGE II										
COLLINS ROAD										
STA 306+50 TO STA 327+00	291	794	793							
MINKLER ROAD										
STA 116+50 TO STA 175+50	3494	10484								
GROVE ROAD										
STA 20+50 TO STA 28+00	83	1142								
STAGE II SUB-TOTALS	3869	12419	793							
STAGE III										
COLLINS ROAD										
STA 306+50 TO STA 327+00	343	2514	243	185	50	638	12	71	300	124
MINKLER ROAD										
STA 116+50 TO STA 175+50								2382	2291	1558
GROVE ROAD										
STA 20+50 TO STA 28+00	188	566						125	160	95
STAGE III SUB-TOTALS	531	3080	243	185	50	638	12			
TOTAL	7740	30733		235		638	12	5329		1776

PIPE CULVERT REMOVAL SCHEDULE								
STATION FROM	OFFSET	RT/LT	STATION TO	OFFSET	RT/LT	LENGTH	SIZE	TRENCH BACKFILL (FOR EX PIPE REMOVAL) (CY)
						(FEET)	(INCHES)	
295+04.85	36.33	LT	295+06.43	55.96	RT	92	18	0
321+62.47	43.28	LT	321+62.47	37.64	RT	81	30	37
321+62.47	43.28	LT	321+62.47	37.64	RT	81	30	37
165+67.51	63.53	LT	156+97.57	66.03	LT	31	12	6
170+48.67	47.37	LT	170+73.28	45.64	LT	26	12	5
TOTALS						311		84

STORM SEWER REMOVAL SCHEDULE								
STATION FROM	OFFSET	RT/LT	STATION TO	OFFSET	RT/LT	LENGTH	SIZE	TRENCH BACKFILL (FOR EX PIPE REMOVAL) (CY)
						(FEET)	(INCHES)	
320+11.38	36.03	LT	320+94.38	38.32	LT	83	12	53
320+55.23	38.68	RT	320+96.48	37.75	RT	42	12	27
TOTALS						125		80

LOCATION	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REMOVAL
	(FOOT)	(EACH)	(EACH)	(EACH)	(FOOT)
MINKLER ROAD					
STA 166+00 TO STA 172+56.00	625.0	1	8	1	650
TOTAL	625	1	8	1	650

HRG PROJECT NO. 19162
HRG PROJ. CONTACT:
FILE NAME: 19162_SCH06.dgn
PEN TABLE: 19162.tbl



USER NAME = amiller
DESIGNED - JMR
DRAWN - AJM
PLOT SCALE = 100.0000' / in.
PLOT DATE = 10/21/2022

CHECKED - APS
DATE - 10/21/2022

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNDERDRAIN SCHEDULE, GUARDRAIL SCHEDULE,
WORK ZONE PAVEMENT MARKING SCHEDULE,
AND PIPE REMOVAL SCHEDULE

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

F.A.U. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
2514 19-00154-00-FP KENDALL 312 32
CONTRACT NO. 87800
ILLINOIS FED. AID PROJECT

LOCATION	PAVEMENT MARKING																					
	LETTERS AND SYMBOLS WHITE (SQ FT)	LINE - 4"						LINE - 6"				LINE - 8"				LINE - 12"		LINE - 18"		LINE - 24"		
		MEDIAN LINE SOLID YELLOW		MEDIAN LINE SOLID DOUBLE YELLOW		EDGE LINE SOLID WHITE		LANE LINE 30'-10' SKIP-DASH YELLOW		CROSSWALK LINE WHITE		LANE LINE 6'-2' SKIP-DASH WHITE		LANE LINE WHITE		CROSSWALK BAR WHITE		LANE LINE 2'-2' SKIP-DASH WHITE		STOP BAR WHITE		
		LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	(FOOT)		
COLLINS ROAD																						
STA 233+75.63 TO STA 235+52.89	30	113	151			172	161			35	29					60	50	10	10			
STA 235+52.89 TO STA 238+60.56	30	287	248			291	302			31	35					50	60	10	10			
STA 238+60.56 TO STA 306+67.61	47	6983	6607			6798	7574			120		100	370	200								
STA 306+67.61 TO STA 318+00.00	16	811	1187			1122	996			100		280								24		
STA 318+00.00 TO STA 321+38.17	30	268	307			320	321			36	32					60	60	10	10			
STA 321+38.17 TO STA 326+29.00	30	190	149	441	566	486	487			29	36					50	50	10	10			
MINKLER ROAD																						
STA 116+50.00 TO STA 119+90.00				340	340	340	340															
STA 119+90.00 TO STA 124+80.00					1504	490	490															
STA 124+80.00 TP STA 126+98.64		221	258			210	204			34	30					50	50					
STA 126+98.64 TO STA 131+20.00		291	337			276	284			31	33					50	50					
STA 131+20.00 TO STA 173+89.96		4087	4083	367	371	4091	4109	1043	1042													
GROVE ROAD																						
STA 15+70.00 TO STA 17+65.00		390	270			195	195															
STA 17+65.00 TO STA 21+26.58				406	360	353	347			35	31					60	50					
STA 22+56.98 TO STA 24+60.00				239	200	189	193			31	33					50	50					
STA 24+60.00 TO STA 26+45.00		214	370			185	185															
STA 26+45.00 TO STA 27+70.00				125	125	125	125															
TOTALS:	182	65,161						2,727				850				1,050		80		24		

LOCATION	GROOVING FOR RECESSED PAVEMENT MARKING																				RECESSED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	RECESSED REFLECTIVE PAVEMENT MARKER (EACH)	
	LETTERS AND SYMBOLS (SQ FT)	LINE - 5"						LINE - 7"				LINE - 9"				LINE - 13"		LINE - 19"		LINE - 25"			
		MEDIAN LINE SOLID		MEDIAN LINE SOLID DOUBLE		EDGE LINE SOLID		LANE LINE 30' SKIP -10' DASH		CROSSWALK LINE SOLID		LANE LINE 6' SKIP - 2' DASH		LANE LINE SOLID		CROSSWALK BAR SOLID		LANE LINE 2' SKIP - 2' DASH		STOP BAR SOLID			
		LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	LEFT (FOOT)	RIGHT (FOOT)	(FOOT)			
COLLINS ROAD																							
STA 233+75.63 TO STA 235+52.89	30	113	151			172	161			35	29					60	50	10	10				
STA 235+52.89 TO STA 238+60.56	30	287	248			291	302			31	35					50	60	10	10				
STA 238+60.56 TO STA 306+67.61	159	6983	6607			6798	7574			120		100	370	200							4		
STA 306+67.61 TO STA 318+00.00	53	811	1187			1122	996			100		280								24	3		
STA 318+00.00 TO STA 321+38.17	30	268	307			320	321			36	32					60	60	10	10				
STA 321+38.17 TO STA 326+29.00	30	190	149	441	566	486	487			29	36					50	50	10	10		14		
MINKLER ROAD																							
STA 116+50.00 TO STA 119+90.00				340	340	340	340														161	27	
STA 119+90.00 TO STA 124+80.00					1504	490	490																
STA 124+80.00 TP STA 126+98.64		221	258			210	204			34	30					50	50						
STA 126+98.64 TO STA 131+20.00		291	337			276	284			31	33					50	50						
STA 131+20.00 TO STA 173+89.96		4087	4083	367	371	4091	4109	1043	1042													218	
GROVE ROAD																							
STA 15+70.00 TO STA 17+65.00		390	270			195	195															8	
STA 17+65.00 TO STA 21+26.58				406	360	353	347			35	31					60	50						
STA 22+56.98 TO STA 24+60.00				239	200	189	193			31	33					50	50						
STA 24+60.00 TO STA 26+45.00		214	370			185	185																
STA 26+45.00 TO STA 27+70.00				125	125	125	125															10	
TOTALS:	332	65,161						2,727				850				1,050		80		24		161	284

HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162_SCH08.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 10/21/2022

DESIGNED - JMR
 DRAWN - AJM
 CHECKED - APS
 DATE - 10/21/2022

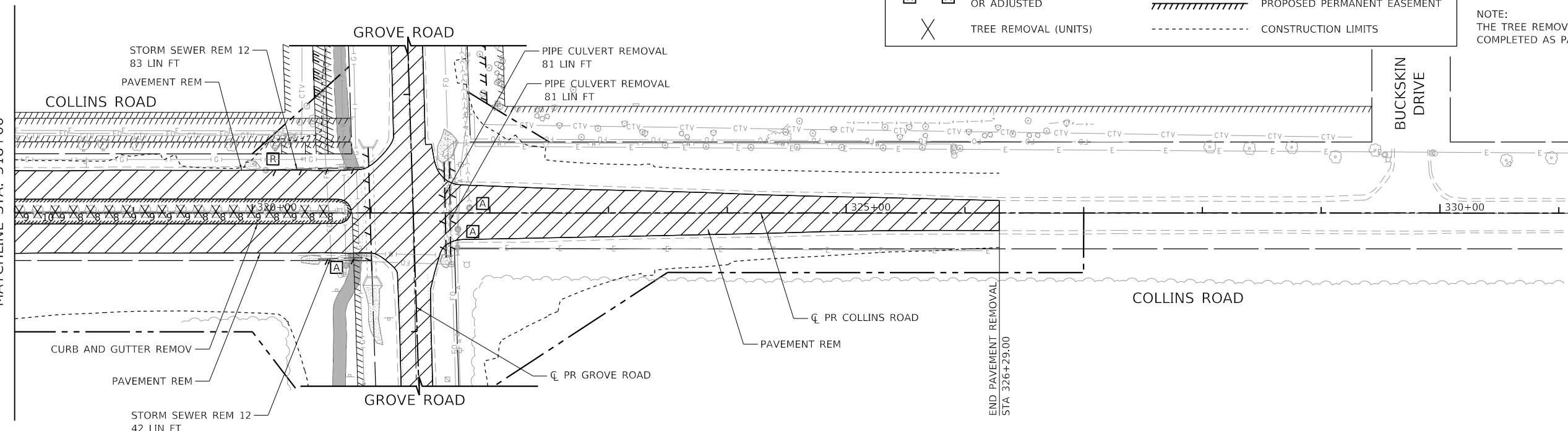
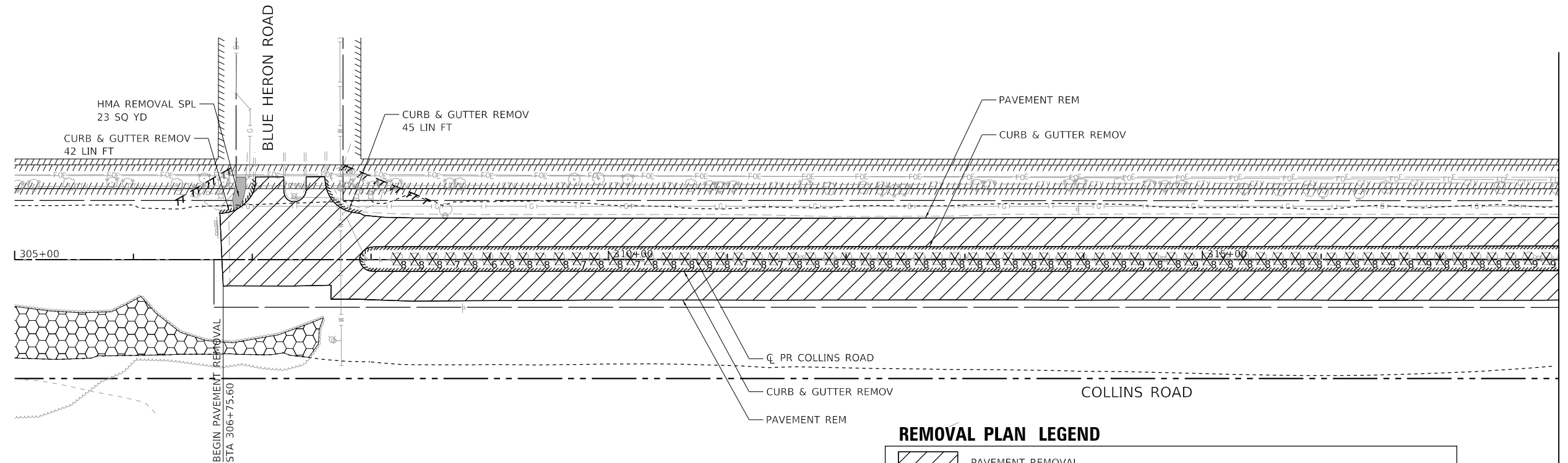
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 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING SCHEDULE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	34
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



REMOVAL PLAN LEGEND

	PAVEMENT REMOVAL		TREE REMOVAL (ACRES)
	DRIVEWAY REMOVAL		EXISTING RIGHT-OF-WAY
	PAVED SHOULDER REMOVAL		EXISTING PROPERTY LINE
	HMA PATH REMOVAL		EXISTING EASEMENT
	CURB & GUTTER REMOVAL		PROPOSED RIGHT-OF-WAY
	LINEAR REMOVAL		PROPOSED TEMPORARY EASEMENT
	STRUCTURES TO BE REMOVED OR ADJUSTED		PROPOSED PERMANENT EASEMENT
	TREE REMOVAL (UNITS)		CONSTRUCTION LIMITS

NOTE:
THE TREE REMOVAL FOR THIS PROJECT WAS COMPLETED AS PART OF A SEPARATE CONTRACT.



HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162_Removal.dgn
 PEN TABLE: 19162.tbl



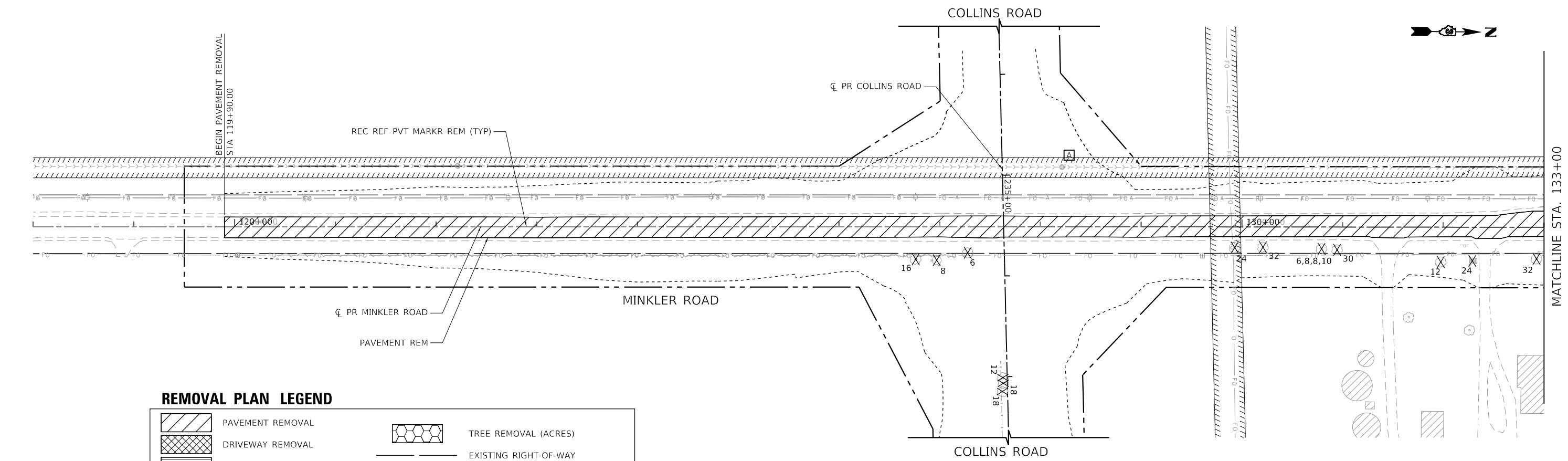
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PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
 COLLINS ROAD**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

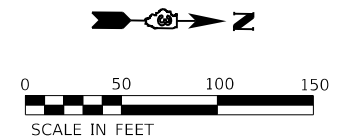
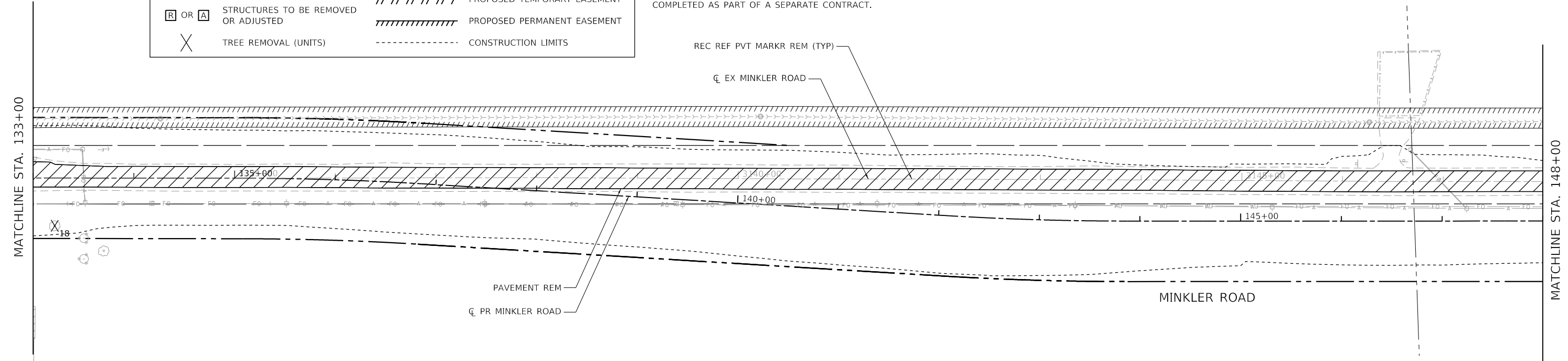
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	36
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



REMOVAL PLAN LEGEND

	PAVEMENT REMOVAL		TREE REMOVAL (ACRES)
	DRIVEWAY REMOVAL		EXISTING RIGHT-OF-WAY
	PAVED SHOULDER REMOVAL		EXISTING PROPERTY LINE
	HMA PATH REMOVAL		EXISTING EASEMENT
	CURB & GUTTER REMOVAL		PROPOSED RIGHT-OF-WAY
	LINEAR REMOVAL		PROPOSED TEMPORARY EASEMENT
	STRUCTURES TO BE REMOVED OR ADJUSTED		PROPOSED PERMANENT EASEMENT
	TREE REMOVAL (UNITS)		CONSTRUCTION LIMITS

NOTE:
THE TREE REMOVAL FOR THIS PROJECT WAS COMPLETED AS PART OF A SEPARATE CONTRACT.



HRG PROJECT NO.: 19162
HRG PROJ. CONTACT:
FILE NAME: 19162_19162.dwg
PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

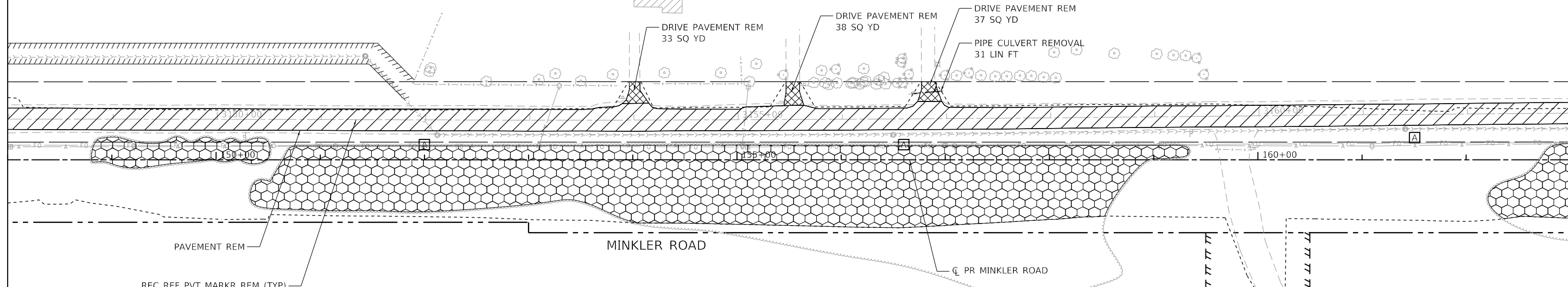
**REMOVAL PLAN
MINKLER ROAD**

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	37
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 148+00

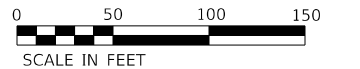
MATCHLINE STA. 163+00



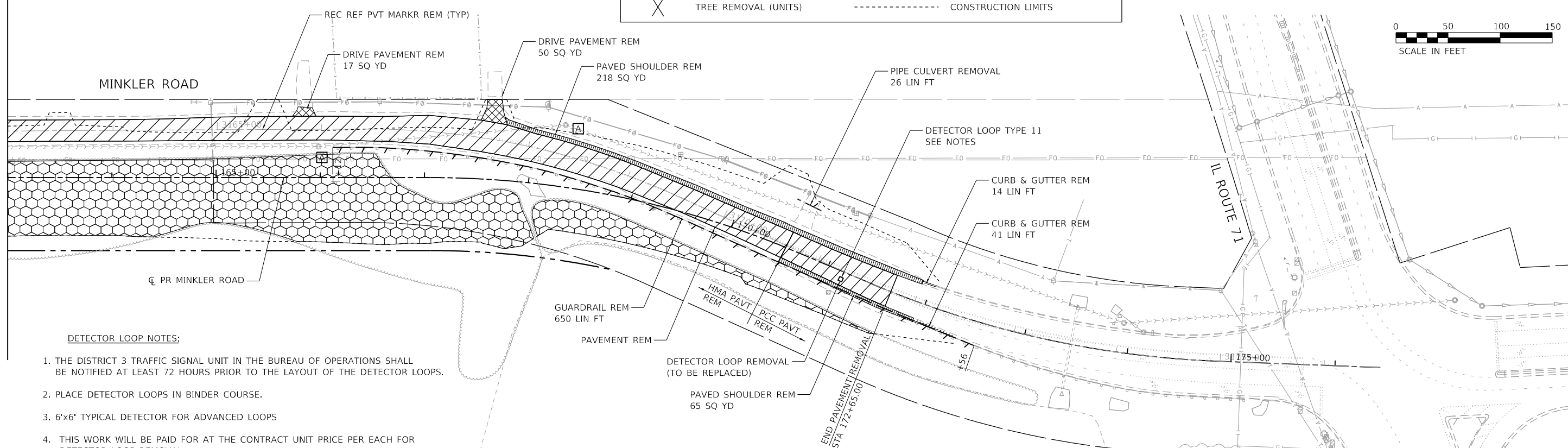
REMOVAL PLAN LEGEND

	PAVEMENT REMOVAL		TREE REMOVAL (ACRES)
	DRIVEWAY REMOVAL		EXISTING RIGHT-OF-WAY
	PAVED SHOULDER REMOVAL		EXISTING PROPERTY LINE
	HMA PATH REMOVAL		EXISTING EASEMENT
	CURB & GUTTER REMOVAL		PROPOSED RIGHT-OF-WAY
	LINEAR REMOVAL		PROPOSED TEMPORARY EASEMENT
	STRUCTURES TO BE REMOVED OR ADJUSTED		PROPOSED PERMANENT EASEMENT
	TREE REMOVAL (UNITS)		CONSTRUCTION LIMITS

NOTE:
THE TREE REMOVAL FOR THIS PROJECT WAS COMPLETED AS PART OF A SEPARATE CONTRACT.



MATCHLINE STA. 163+00



DETECTOR LOOP NOTES:

1. THE DISTRICT 3 TRAFFIC SIGNAL UNIT IN THE BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE DETECTOR LOOPS.
2. PLACE DETECTOR LOOPS IN BINDER COURSE.
3. 6'x6' TYPICAL DETECTOR FOR ADVANCED LOOPS
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DETECTOR LOOP REMOVAL.

HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162_Remo03.dwg
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

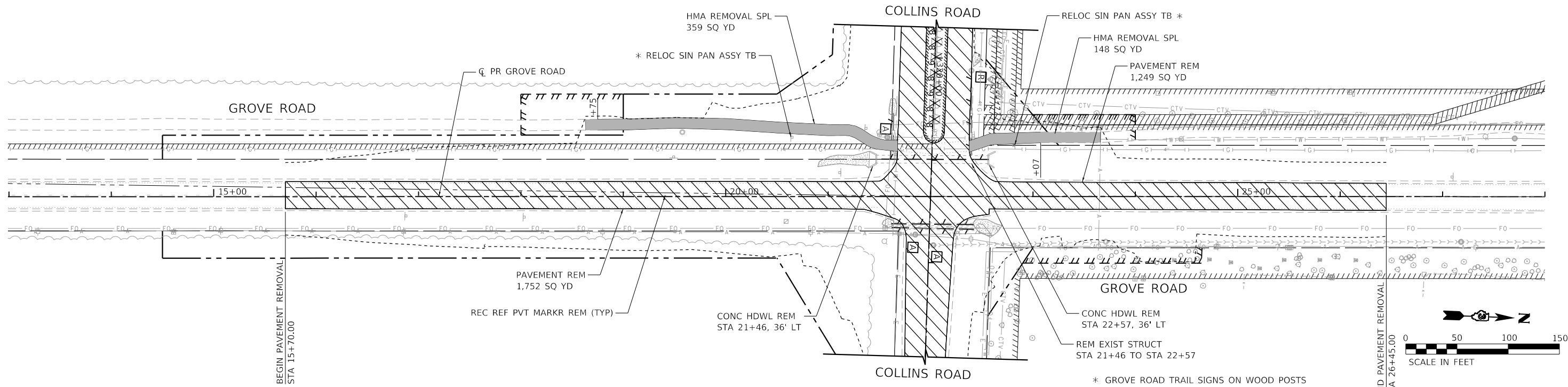
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
MINKLER ROAD**

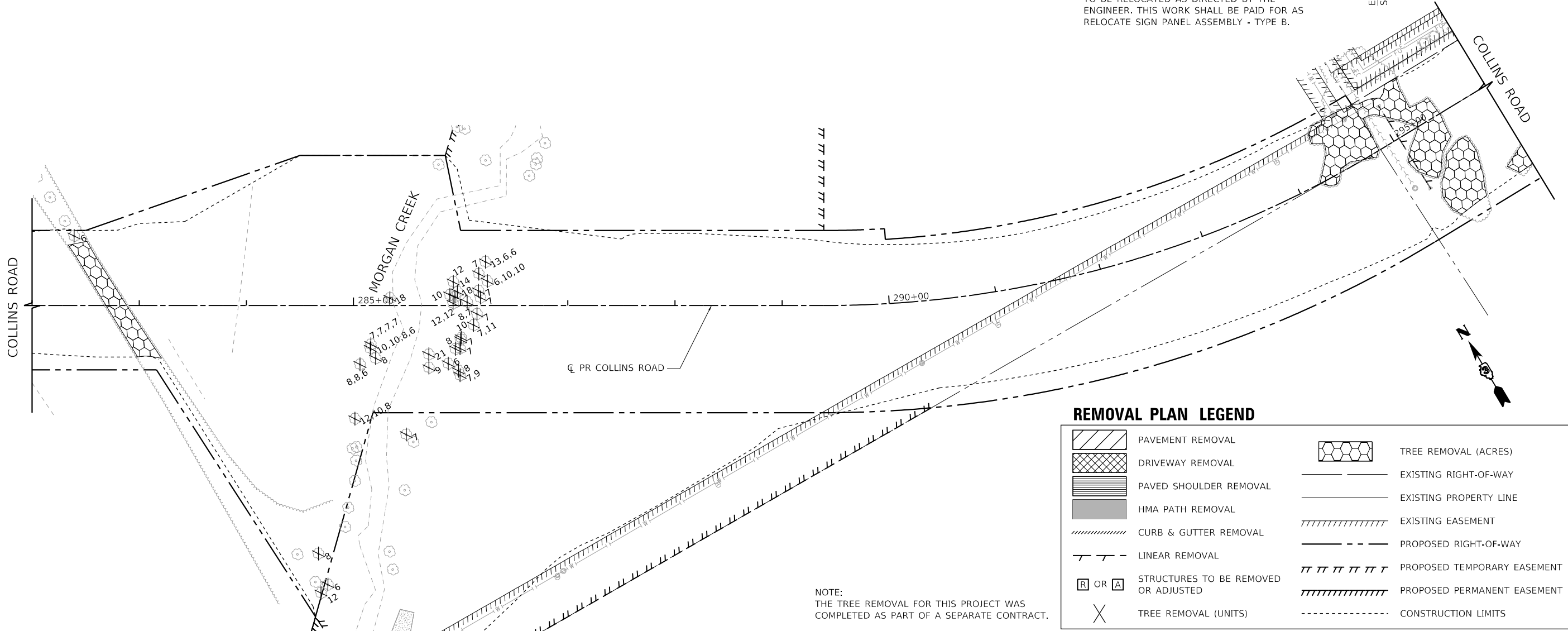
SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	38
CONTRACT NO. 87800				

ILLINOIS FED. AID PROJECT



* GROVE ROAD TRAIL SIGNS ON WOOD POSTS TO BE RELOCATED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AS RELOCATE SIGN PANEL ASSEMBLY - TYPE B.



NOTE:
THE TREE REMOVAL FOR THIS PROJECT WAS COMPLETED AS PART OF A SEPARATE CONTRACT.

REMOVAL PLAN LEGEND	
	PAVEMENT REMOVAL
	DRIVEWAY REMOVAL
	PAVED SHOULDER REMOVAL
	HMA PATH REMOVAL
	CURB & GUTTER REMOVAL
	LINEAR REMOVAL
	STRUCTURES TO BE REMOVED OR ADJUSTED
	TREE REMOVAL (UNITS)
	TREE REMOVAL (ACRES)
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	CONSTRUCTION LIMITS

HRG PROJECT NO: 19162
HRG PROJ CONTACT:
FILE NAME: 19162_19162.dgn
PEN TABLE: 19162.tbl



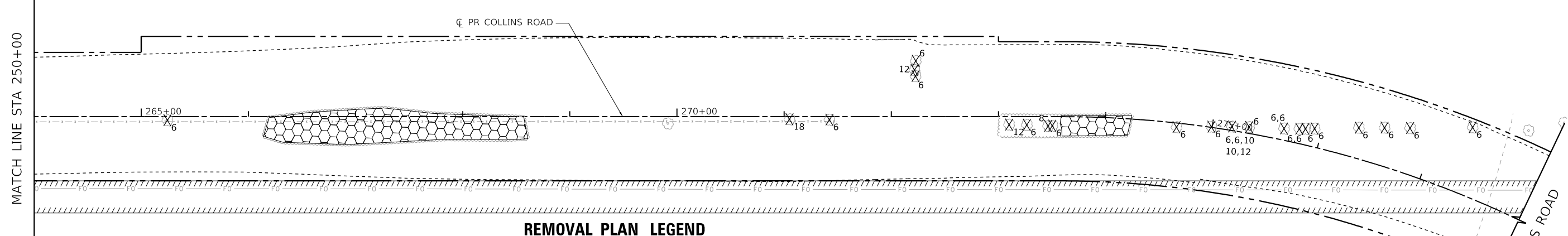
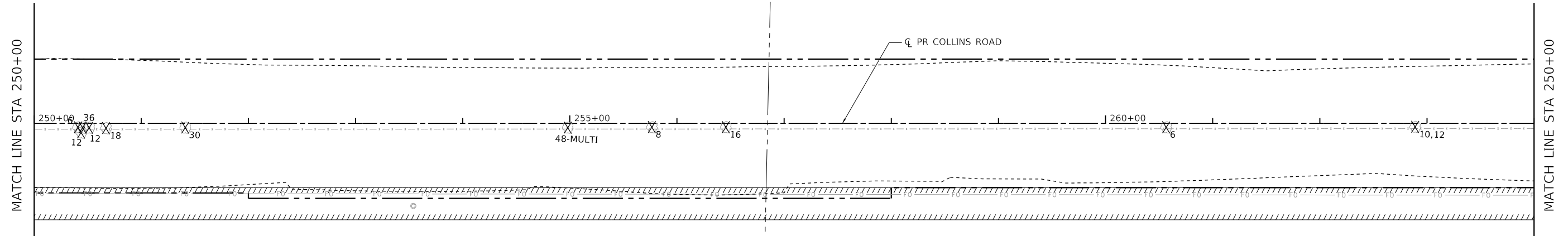
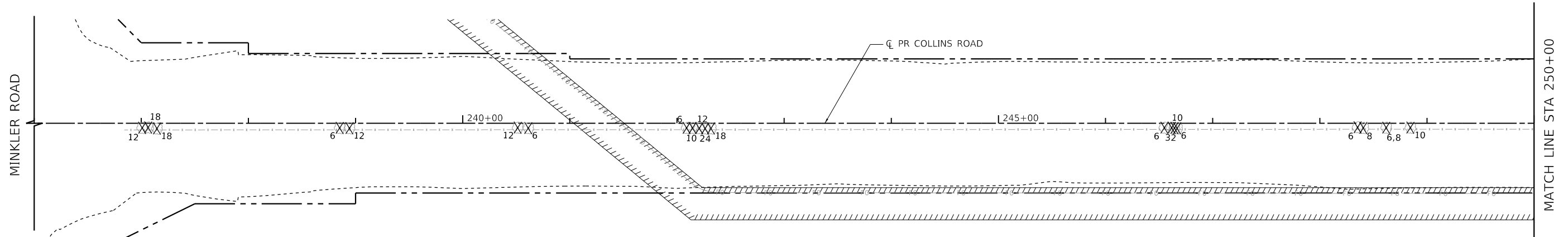
USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN
GROVE ROAD & COLLINS ROAD**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

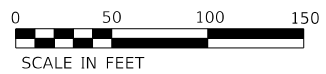
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	39
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



REMOVAL PLAN LEGEND

	PAVEMENT REMOVAL		LINEAR REMOVAL		EXISTING PROPERTY LINE
	DRIVEWAY REMOVAL		STRUCTURES TO BE REMOVED OR ADJUSTED		EXISTING EASEMENT
	PAVED SHOULDER REMOVAL		TREE REMOVAL (UNITS)		PROPOSED RIGHT-OF-WAY
	HMA PATH REMOVAL		TREE REMOVAL (ACRES)		PROPOSED TEMPORARY EASEMENT
	CURB & GUTTER REMOVAL		EXISTING RIGHT-OF-WAY		PROPOSED PERMANENT EASEMENT
					CONSTRUCTION LIMITS

NOTE:
THE TREE REMOVAL FOR THIS PROJECT WAS COMPLETED AS PART OF A SEPARATE CONTRACT.



HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_19162.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

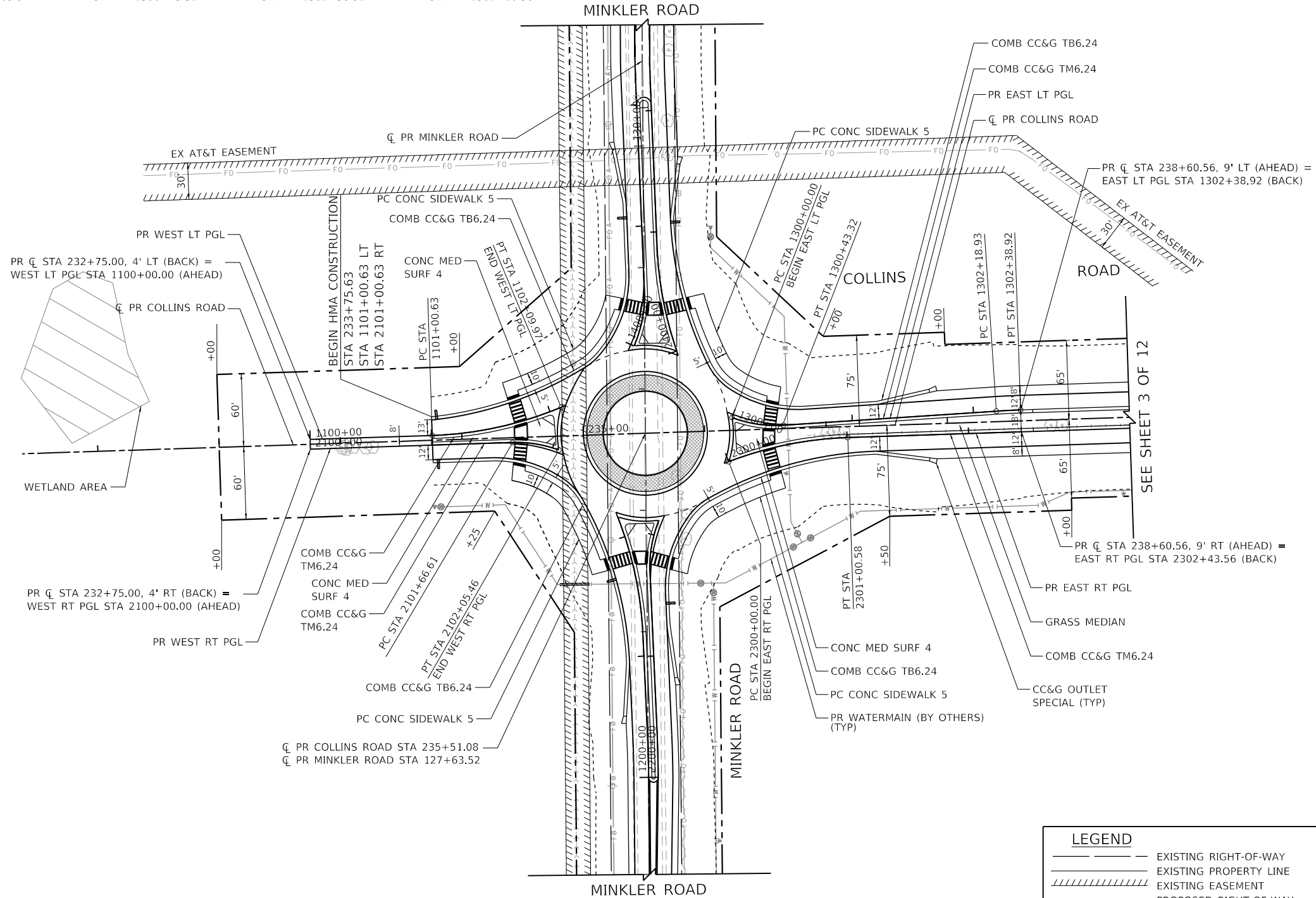
**REMOVAL PLAN
COLLINS ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	40
CONTRACT NO. 87800				

ILLINOIS FED. AID PROJECT

PR CURVE MRAB_WRT_3 PI STA. = 2101+86.28 Δ = 22° 15' 49" (RT) D = 57° 17' 45" R = 100.00' T = 19.68' L = 38.86' E = 1.92' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 2101+66.61 P.T. STA. = 2102+05.46	PR CURVE MRAB_WLT_3 PI STA. = 1101+55.91 Δ = 20° 53' 02" (LT) D = 19° 05' 55" R = 300.00' T = 55.29' L = 109.35' E = 5.05' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 1101+00.63 P.T. STA. = 1102+09.97	PR CURVE MRAB_ELT_1 PI STA. = 1300+22.00 Δ = 24° 49' 04" (LT) D = 57° 17' 45" R = 100.00' T = 22.00' L = 43.32' E = 2.39' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 1300+00.00 P.T. STA. = 1300+43.32	PR CURVE MRAB_ELT_4 PI STA. = 1302+28.93 Δ = 1° 54' 33" (RT) D = 9° 32' 57" R = 600.00' T = 10.00' L = 19.99' E = 0.08' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 1302+18.93 P.T. STA. = 1302+38.92	PR CURVE MRAB_ERT_1 PI STA. = 2300+50.76 Δ = 19° 12' 30" (RT) D = 19° 05' 55" R = 300.00' T = 50.76' L = 100.58' E = 4.26' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 2300+00.00 P.T. STA. = 2301+00.58
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SEE SHEET 3 OF 12

- NOTES:
1. ALL ROW CALLOUTS ARE RELATIVE TO THE PROPOSED CENTERLINE.
 2. SEE ROADWAY LAYOUT DETAILS FOR LAYOUT OF CIRCULATING ROADWAY, APPROACH ROADWAYS AND ISLANDS.
 3. MEDIAN CC&G SHALL BE TM6.24 WITHIN LIMITS OF SPLITTER ISLANDS.

LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- /// EXISTING EASEMENT
- - - PROPOSED RIGHT-OF-WAY
- - - PROPOSED TEMPORARY EASEMENT
- /// PROPOSED PERMANENT EASEMENT
- - - PROPOSED CONSTRUCTION LIMITS
- INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED

0 50 100 150
SCALE IN FEET

HRG PROJECT NO.: 19162
HRG PROJ. CONTACT:
FILE NAME: 19162_Proposed.dwg
PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

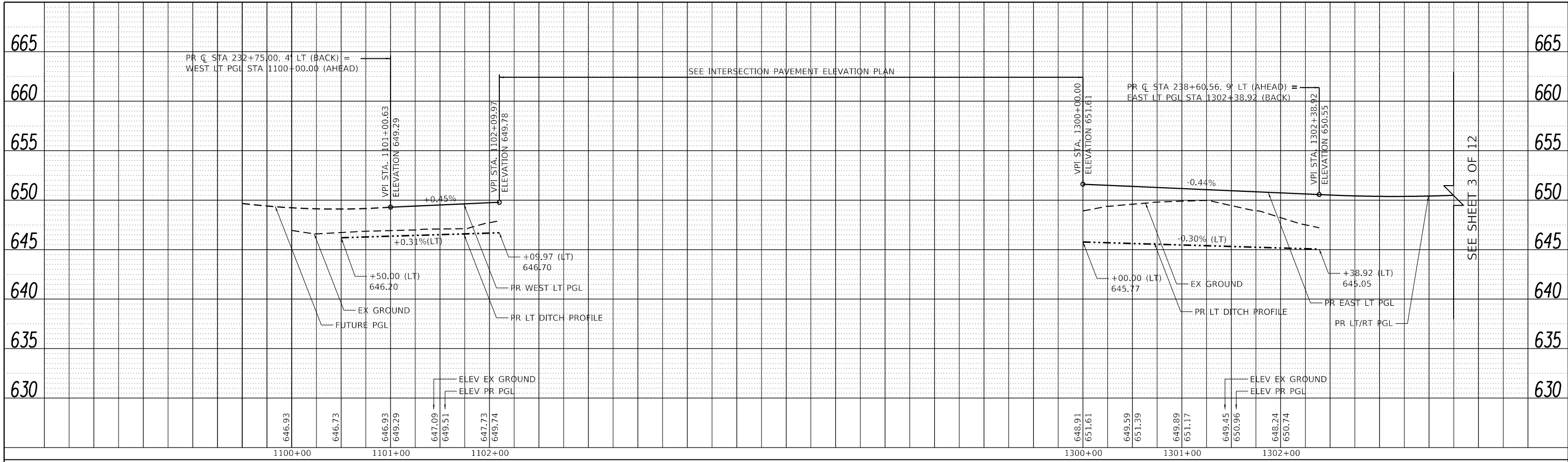
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
COLLINS ROAD (SHEET 1 OF 12)**

SCALE: SHEET 1 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	41
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	



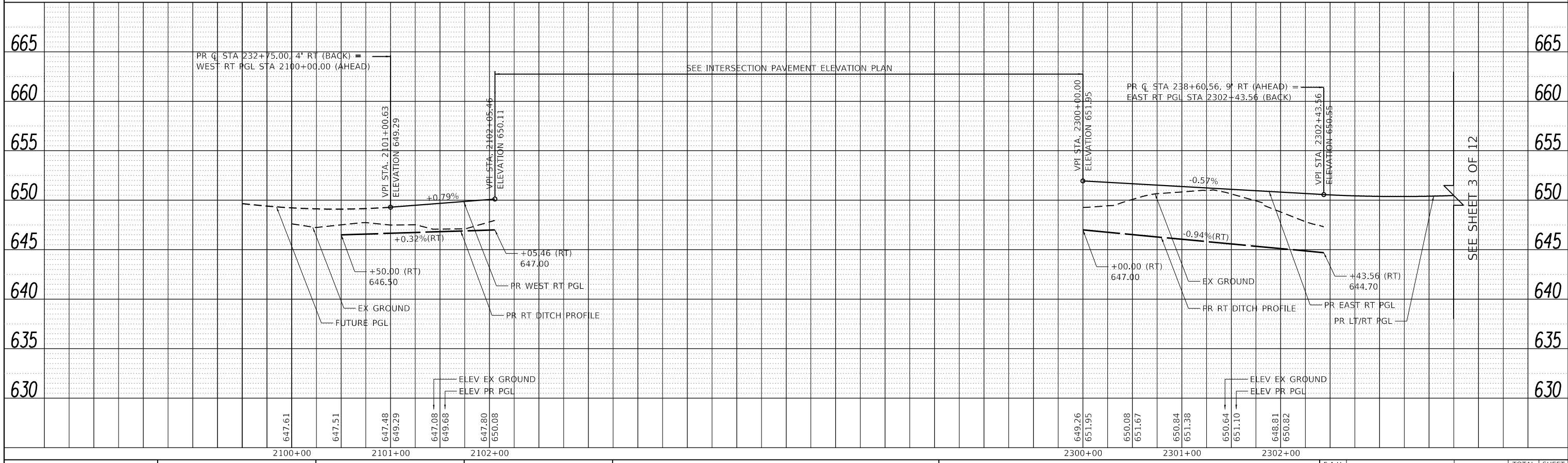
PR WEST LT PGL – COLLINS ROAD (AT MINKER ROAD)

PR EAST LT PGL – COLLINS ROAD (AT MINKER ROAD)

PR WEST RT PGL – COLLINS ROAD (AT MINKER ROAD)

PR EAST RT PGL – COLLINS ROAD (AT MINKER ROAD)

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	



HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_P19162.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE COLLINS ROAD (SHEET 2 OF 12)	
SCALE:	SHEET 2 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	42
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

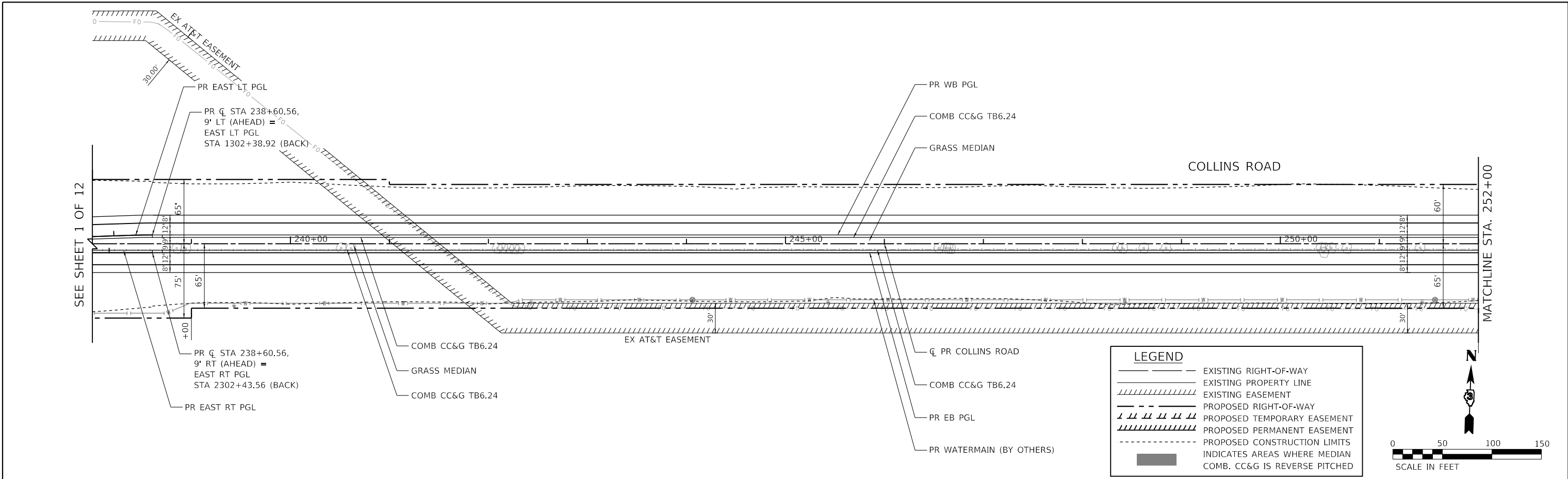
SEE SHEET 3 OF 12

SEE SHEET 3 OF 12

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	FILED	NO.
	NOTE BOOK	
	CARD FILE NAME	

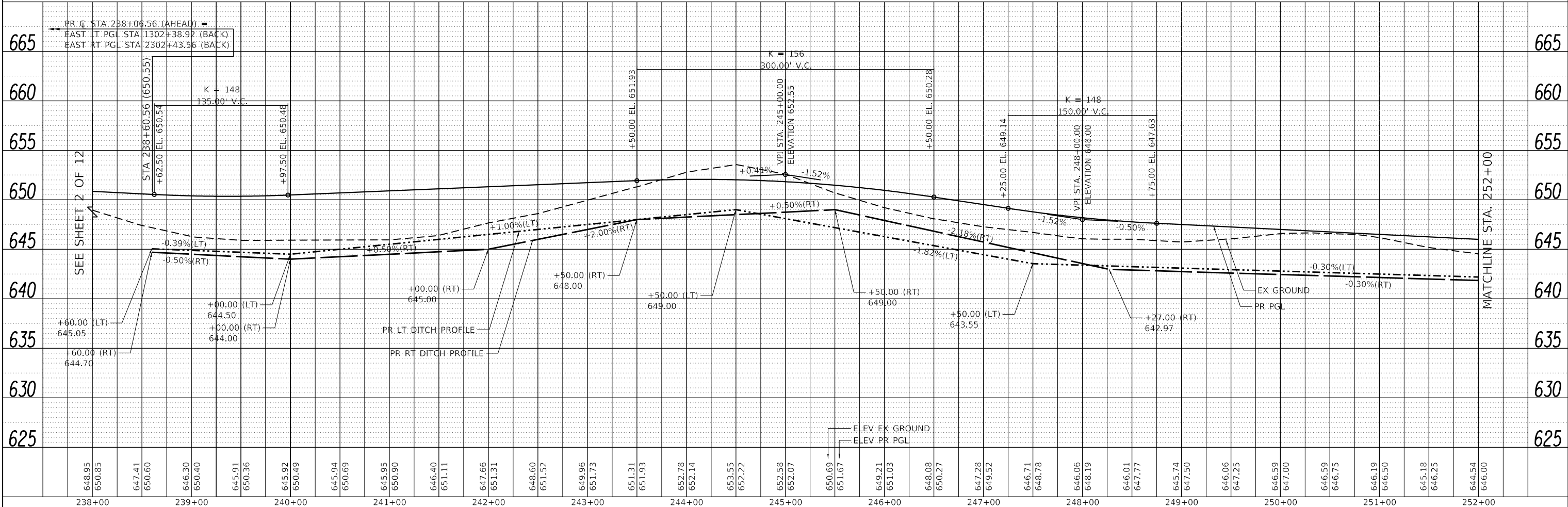
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_Plan03.dgn
 PEN TABLE: 19162.tbl



LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- /// EXISTING EASEMENT
- - - PROPOSED RIGHT-OF-WAY
- /// PROPOSED TEMPORARY EASEMENT
- /// PROPOSED PERMANENT EASEMENT
- - - PROPOSED CONSTRUCTION LIMITS
- INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



648.95	650.95	647.41	650.60	646.30	650.40	645.91	650.36	645.92	650.49	645.94	650.69	645.95	650.90	646.40	651.11	647.66	651.31	648.60	651.52	649.96	651.73	651.31	651.93	652.78	652.14	653.55	652.22	652.58	652.07	650.69	651.67	649.21	651.03	648.08	650.27	647.28	649.52	646.71	648.78	646.06	648.19	646.01	647.77	645.74	647.50	646.06	647.25	646.59	647.00	646.59	646.75	646.19	646.50	645.18	646.25	644.54	646.00	665	660	655	650	645	640	635	630	625	238+00	239+00	240+00	241+00	242+00	243+00	244+00	245+00	246+00	247+00	248+00	249+00	250+00	251+00	252+00	PR EAST LT PGL PR C STA 238+60.56, 9' LT (AHEAD) = EAST LT PGL STA 1302+38.92 (BACK)	PR EAST RT PGL PR C STA 238+60.56, 9' RT (AHEAD) = EAST RT PGL STA 2302+43.56 (BACK)	COMB CC&G TB6.24	GRASS MEDIAN	EX AT&T EASEMENT	PR WB PGL	COMB CC&G TB6.24	GRASS MEDIAN	PR COLLINS ROAD	COMB CC&G TB6.24	PR EB PGL	PR WATERMAIN (BY OTHERS)	PR LT DITCH PROFILE	PR RT DITCH PROFILE	EX GROUND	PR PGL	STA 238+60.56 (650.55) +62.50 EL. 650.54	STA 238+60.56 (650.55) +97.50 EL. 650.48	K = 148 135.00' V.C.	K = 156 300.00' V.C.	VPI STA. 245+00.00 ELEVATION 652.55	K = 148 150.00' V.C.	VPI STA. 248+00.00 ELEVATION 648.00	PR C STA 238+06.56 (AHEAD) = EAST LT PGL STA 1302+38.92 (BACK) EAST RT PGL STA 2302+43.56 (BACK)
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 Illinois Professional Design Firm
 #184-001322

USER NAME	= amiller	DESIGNED	- JMR	REVISED	-
DRAWN	- AJM	REVISION	-	REVISION	-
PLOT SCALE	= 100.0000' / in.	CHECKED	- APS	REVISION	-
PLOT DATE	= 10/26/2022	DATE	- 10/21/2022	REVISION	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 COLLINS ROAD (SHEET 3 OF 12)**

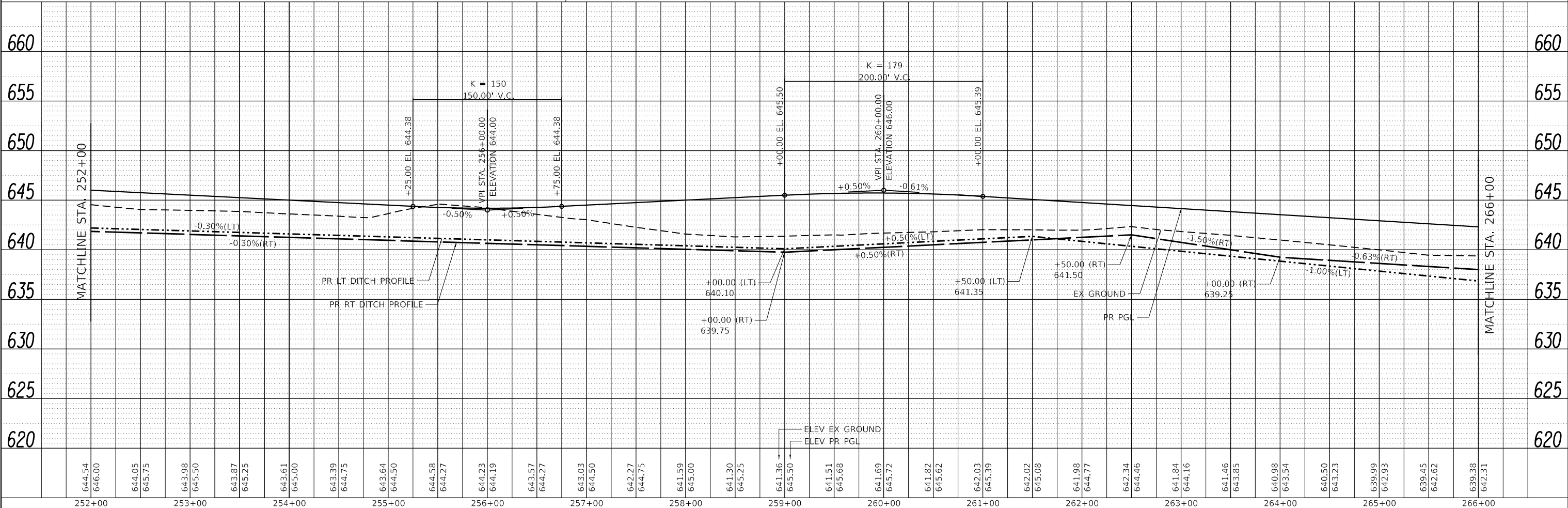
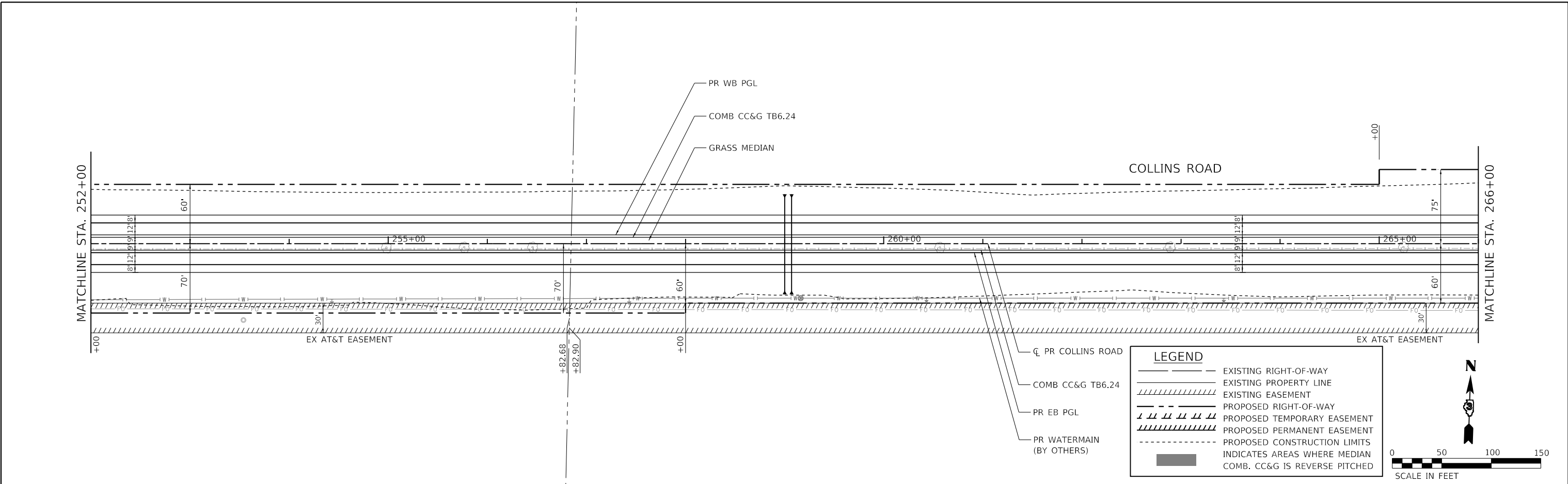
SCALE: SHEET 3 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	43
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	DESIGNED		
	FILE NAME		
	TABLE NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	FILE NAME		
	TABLE NO.		

HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_Plan04.dgn
 PEN TABLE: 19162.tbl



644.54	646.00	644.05	645.75	643.98	645.50	643.87	645.25	643.61	645.00	643.39	644.75	643.64	644.50	644.58	644.27	644.23	644.19	643.57	644.27	643.03	644.50	642.27	644.75	641.59	645.00	641.30	645.25	641.36	645.50	641.51	645.68	641.69	645.72	641.82	645.62	642.03	645.39	642.02	645.08	641.98	644.77	642.34	644.46	641.84	644.16	641.46	643.95	640.98	643.54	640.50	643.23	639.99	642.93	639.45	642.62	639.38	642.31
252+00	253+00	254+00	255+00	256+00	257+00	258+00	259+00	260+00	261+00	262+00	263+00	264+00	265+00	266+00																																											

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USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

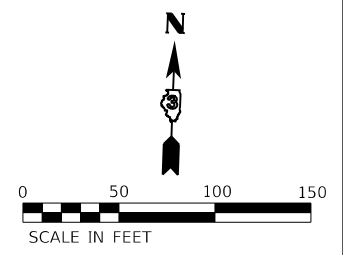
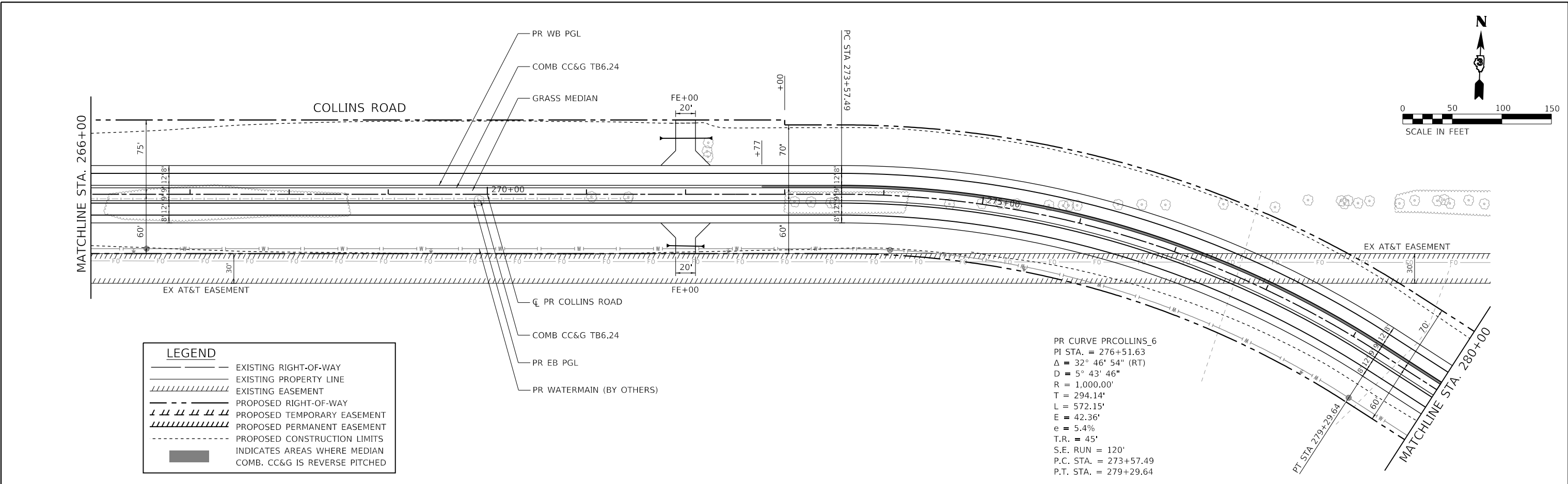
PLAN AND PROFILE COLLINS ROAD (SHEET 4 OF 12)	
SCALE:	SHEET 4 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	44
CONTRACT NO. 87800				
ILLINOIS		FED. AID PROJECT		

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	PLOTTED		
	ALIGNED		
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	NO.		

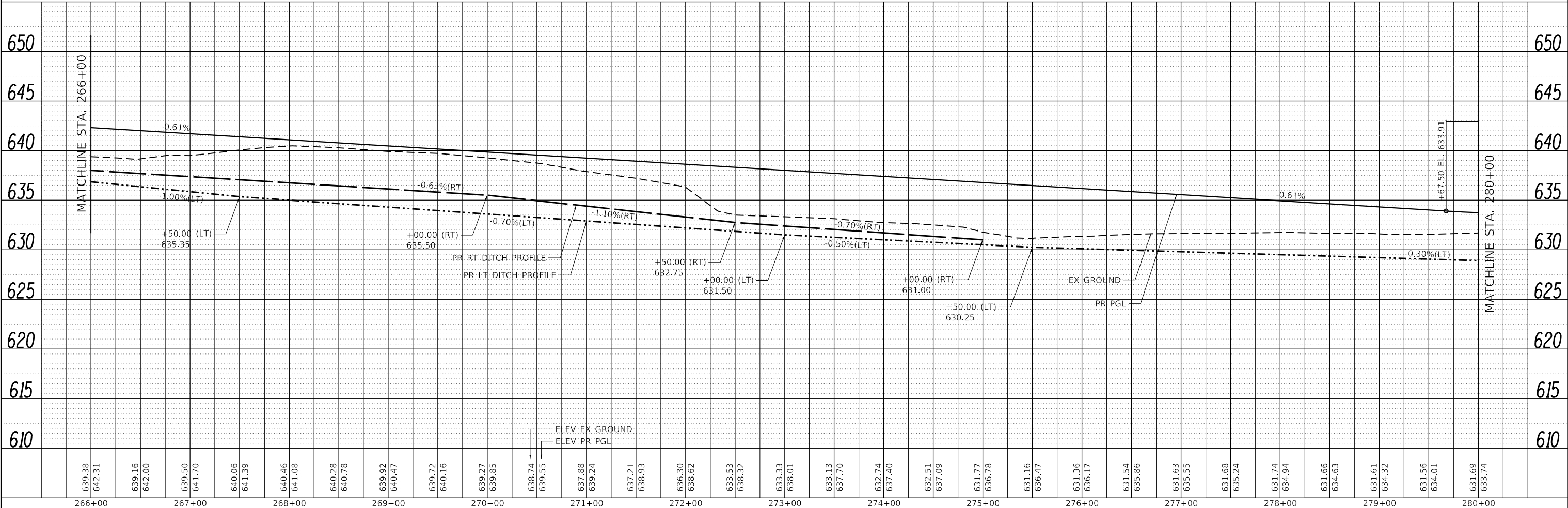
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NO.		

HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_Plan05.dgn
 PEN TABLE: 19162.tbl



LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED CONSTRUCTION LIMITS
	INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED

PR CURVE PRCOLLINS_6
 PI STA. = 276+51.63
 $\Delta = 32^\circ 46' 54''$ (RT)
 $D = 5^\circ 43' 46''$
 $R = 1,000.00'$
 $T = 294.14'$
 $L = 572.15'$
 $E = 42.36'$
 $e = 5.4\%$
 $T.R. = 45'$
 $S.E. RUN = 120'$
 $P.C. STA. = 273+57.49$
 $P.T. STA. = 279+29.64$



639.38	642.31	639.16	642.00	639.50	641.70	640.06	641.39	640.46	641.08	640.28	640.78	639.92	640.47	639.72	640.16	639.27	639.85	638.74	639.55	637.88	639.24	637.21	638.93	636.30	638.62	633.53	638.32	633.33	638.01	633.13	637.70	632.74	637.40	632.51	637.09	631.77	636.78	631.16	636.47	631.36	636.17	631.54	635.86	631.63	635.55	631.68	635.24	631.74	634.94	631.66	634.63	631.61	634.32	631.56	634.01	631.69	633.74
266+00	267+00	268+00	269+00	270+00	271+00	272+00	273+00	274+00	275+00	276+00	277+00	278+00	279+00	280+00																																											

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USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

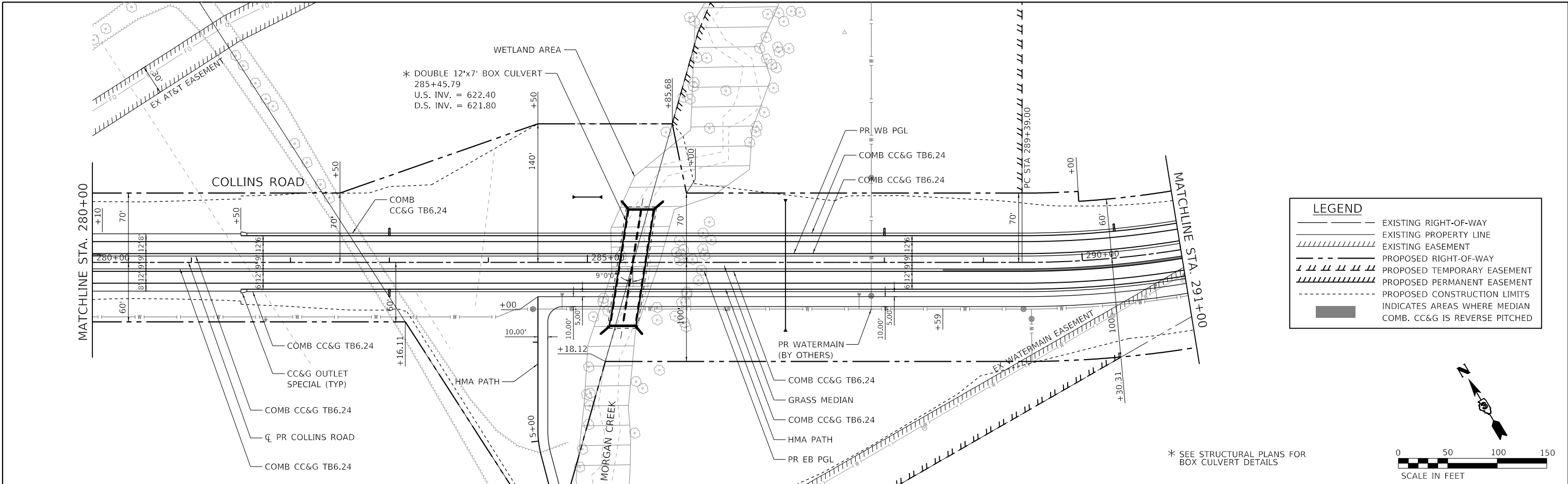
PLAN AND PROFILE	
COLLINS ROAD (SHEET 5 OF 12)	
SCALE:	SHEET 5 OF 23 SHEETS STA. TO STA.

F.A.U. RTE. 2514	SECTION 19-00154-00-FP	COUNTY KENDALL	TOTAL SHEETS 312	SHEET NO. 45
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	

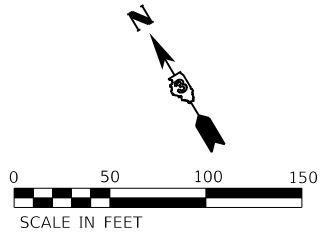
PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	GRADE CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

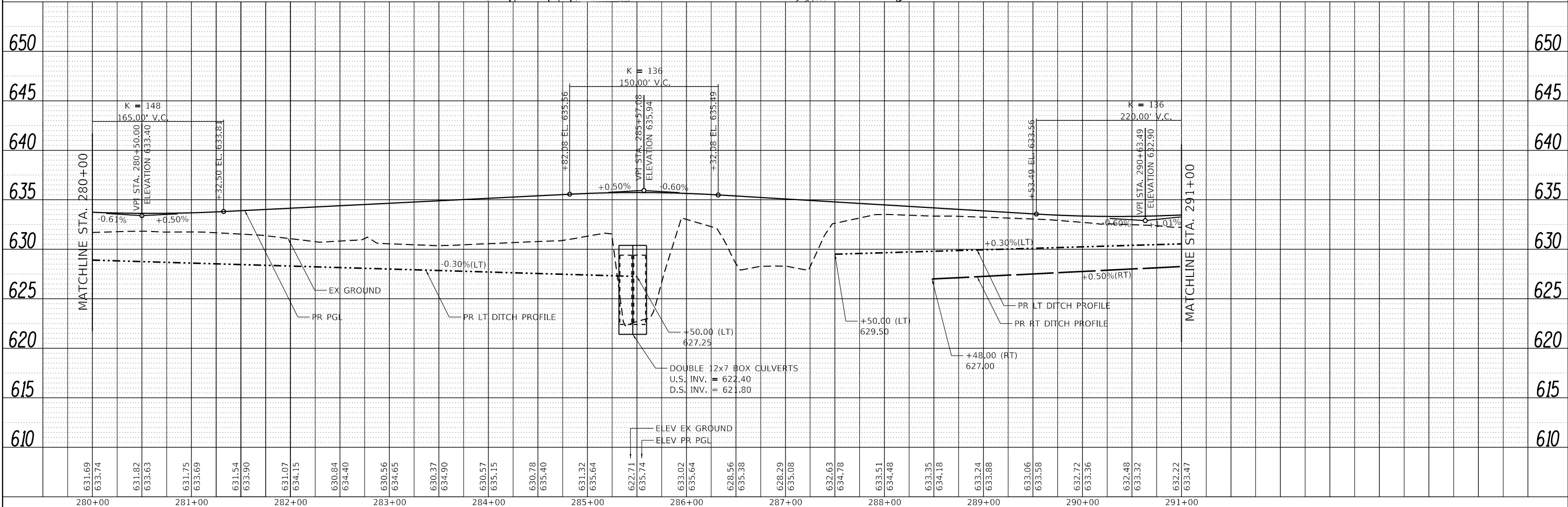
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 FILE NAME: 19152_Plan06.dgn
 PEN TABLE: 19152.tbl



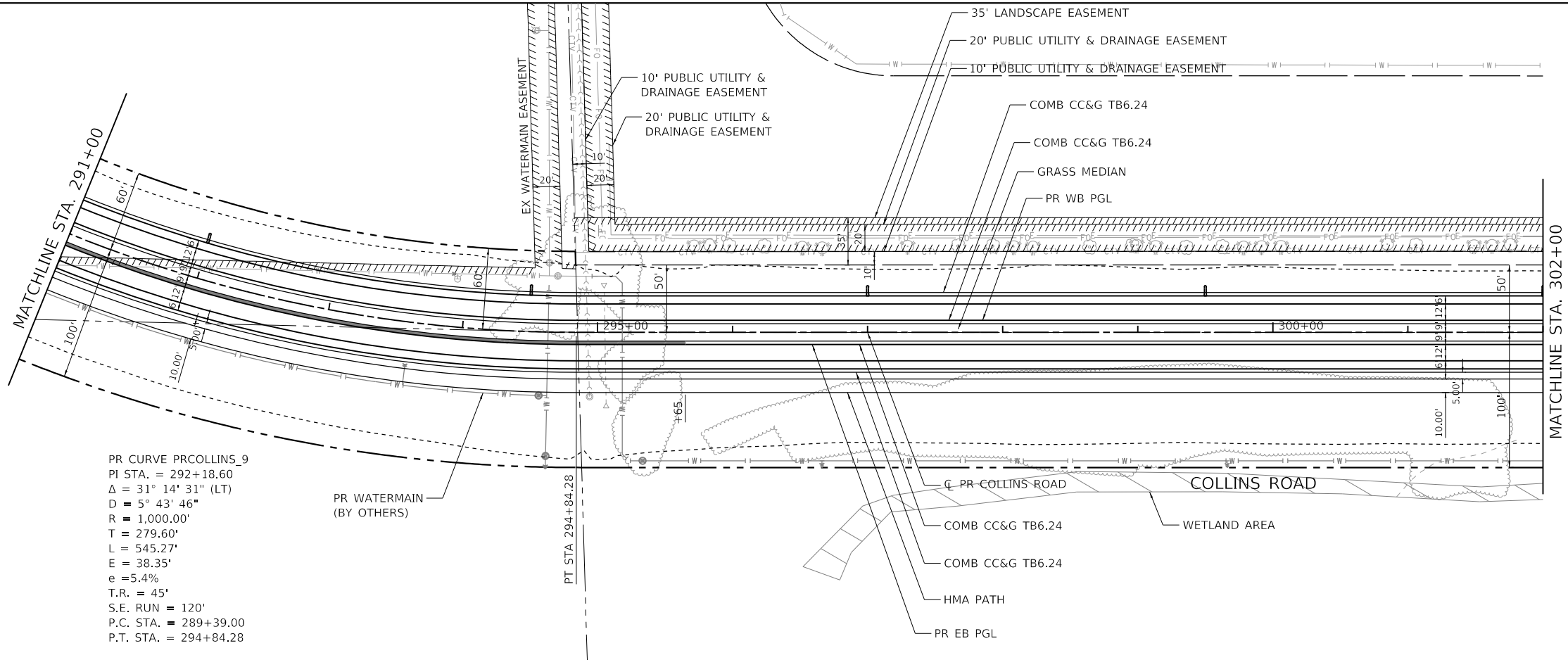
LEGEND	
---	EXISTING RIGHT-OF-WAY
---	EXISTING PROPERTY LINE
///	EXISTING EASEMENT
- - -	PROPOSED RIGHT-OF-WAY
- . - . -	PROPOSED TEMPORARY EASEMENT
///	PROPOSED PERMANENT EASEMENT
- - -	PROPOSED CONSTRUCTION LIMITS
█	INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



* SEE STRUCTURAL PLANS FOR BOX CULVERT DETAILS

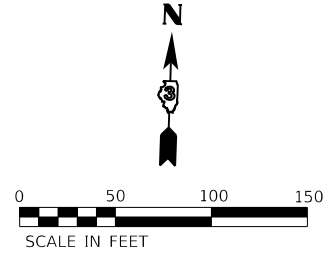


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	DESIGNED		
	FILE NAME		
	FILE NO.		
	FILE DATE		
	FILE TIME		
	FILE SIZE		
	FILE TYPE		
	FILE PATH		
	FILE EXTENSION		
	FILE FULL PATH		

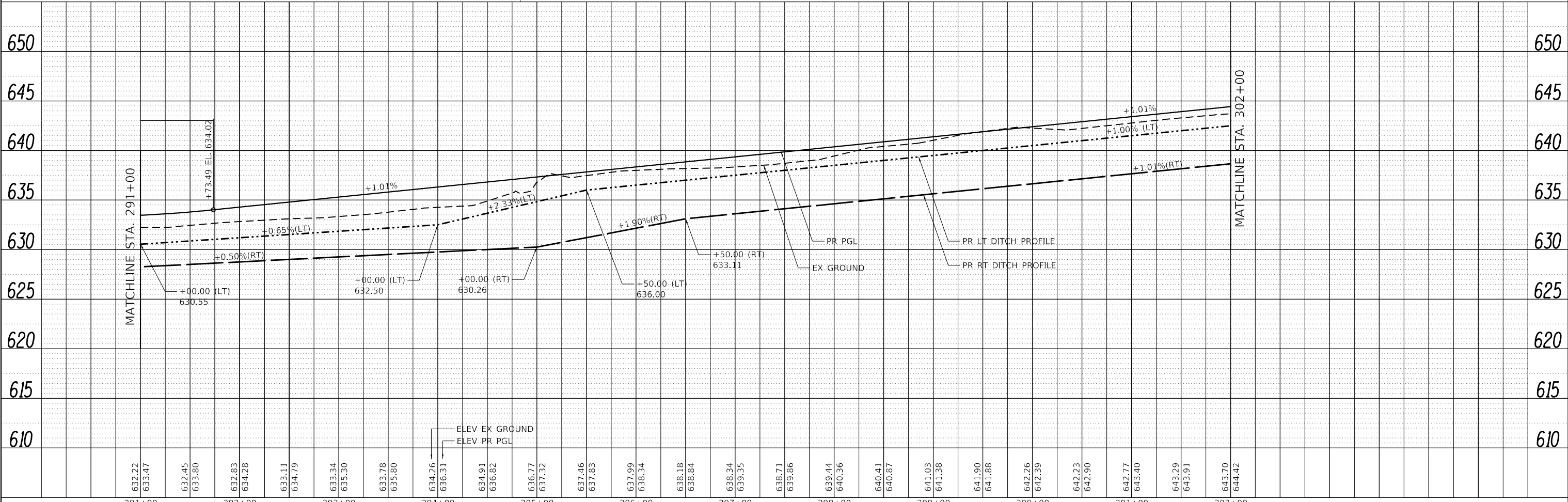


PR CURVE PRCOLLINS_9
 PI STA. = 292+18.60
 $\Delta = 31^\circ 14' 31''$ (LT)
 $D = 5^\circ 43' 46''$
 $R = 1,000.00'$
 $T = 279.60'$
 $L = 545.27'$
 $E = 38.35'$
 $e = 5.4\%$
 $T.R. = 45'$
 $S.E. RUN = 120'$
 $P.C. STA. = 289+39.00$
 $P.T. STA. = 294+84.28$

LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED CONSTRUCTION LIMITS
	INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK		
	FILE NAME		
	FILE NO.		
	FILE DATE		
	FILE TIME		
	FILE SIZE		
	FILE TYPE		
	FILE FULL PATH		



HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_PlanProfile.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

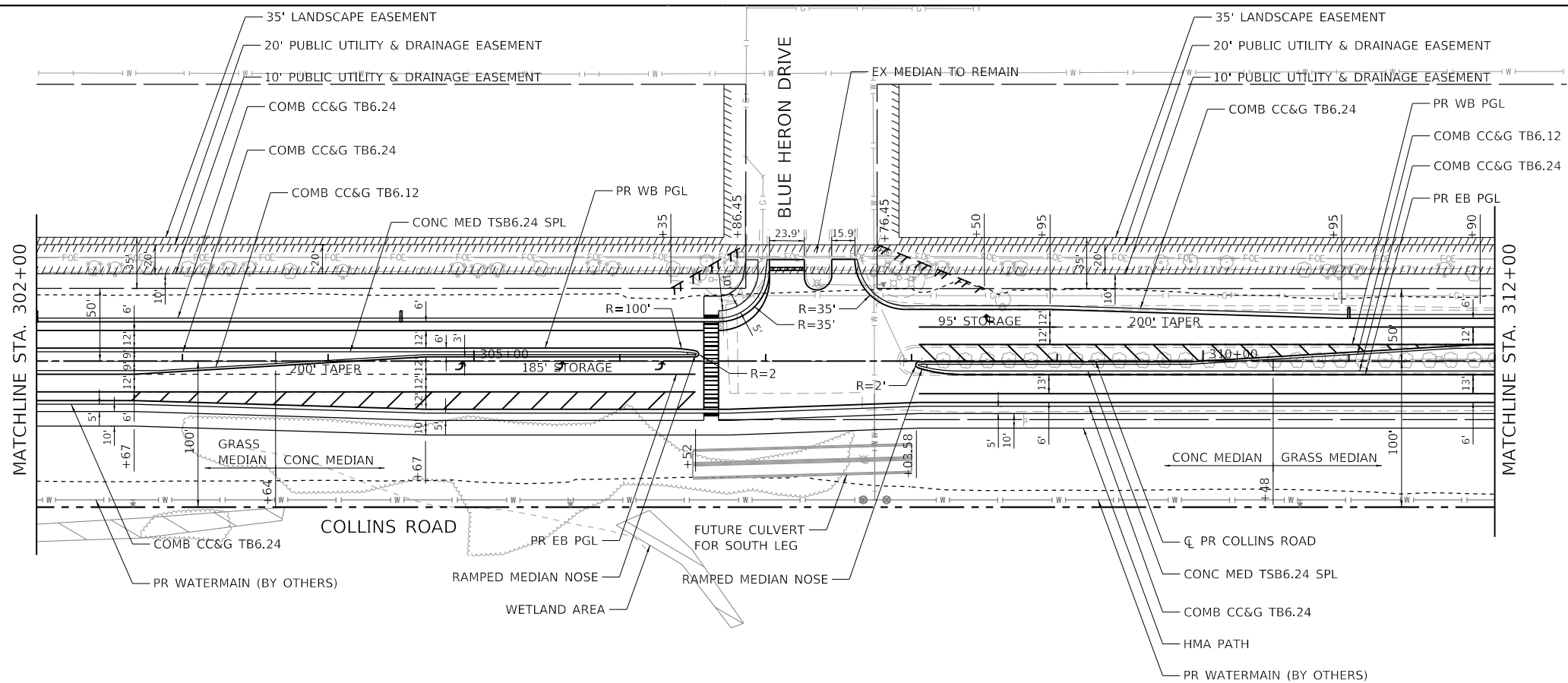
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE	
COLLINS ROAD (SHEET 7 OF 12)	
SCALE:	SHEET 7 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	47
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

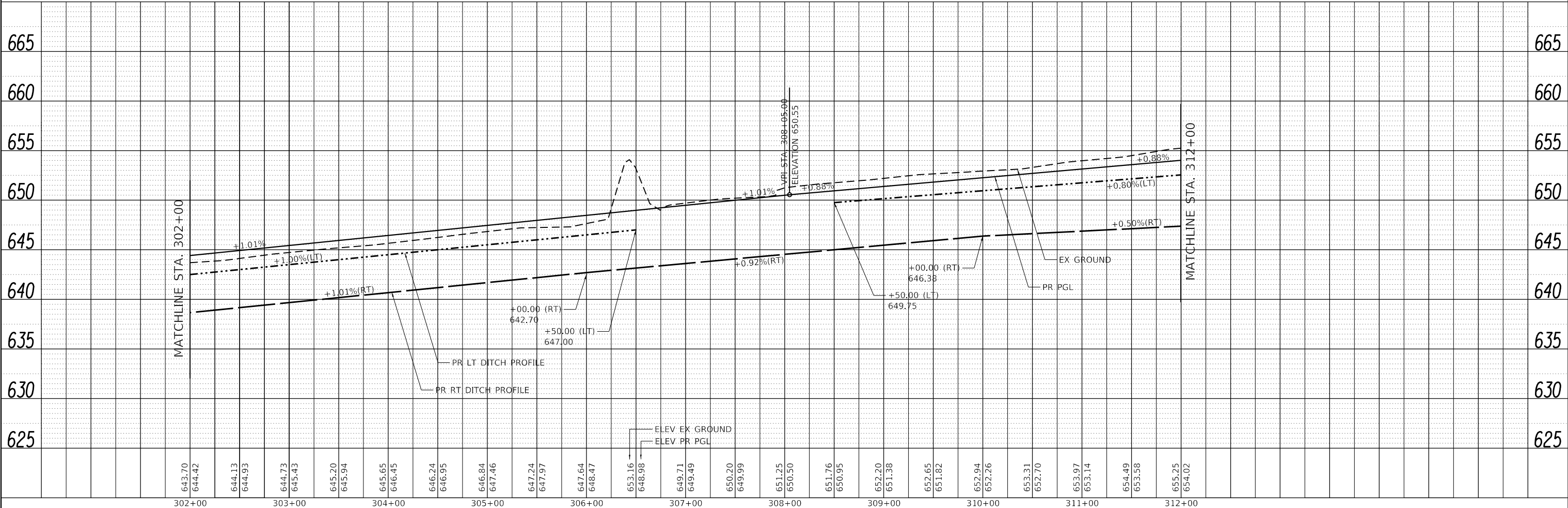
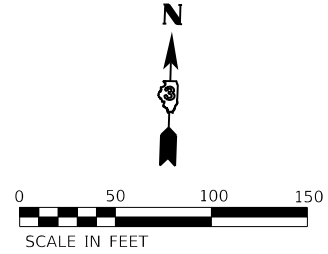
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	DESIGNED		
	FILE NAME		
	TABLE NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NOTE BOOK		
	STRUCTURE		
	NOTATION		
	NO.		



LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT-OF-WAY
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- PROPOSED CONSTRUCTION LIMITS
- INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



HRG PROJECT NO. 1962
HRG PROJ. CONTACT:
FILE NAME: 1962_Plan_P08.dgn
PEN TABLE: 1962.tbl

HRGreen.com
Micro Professional Design Firm
#184-001322

USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

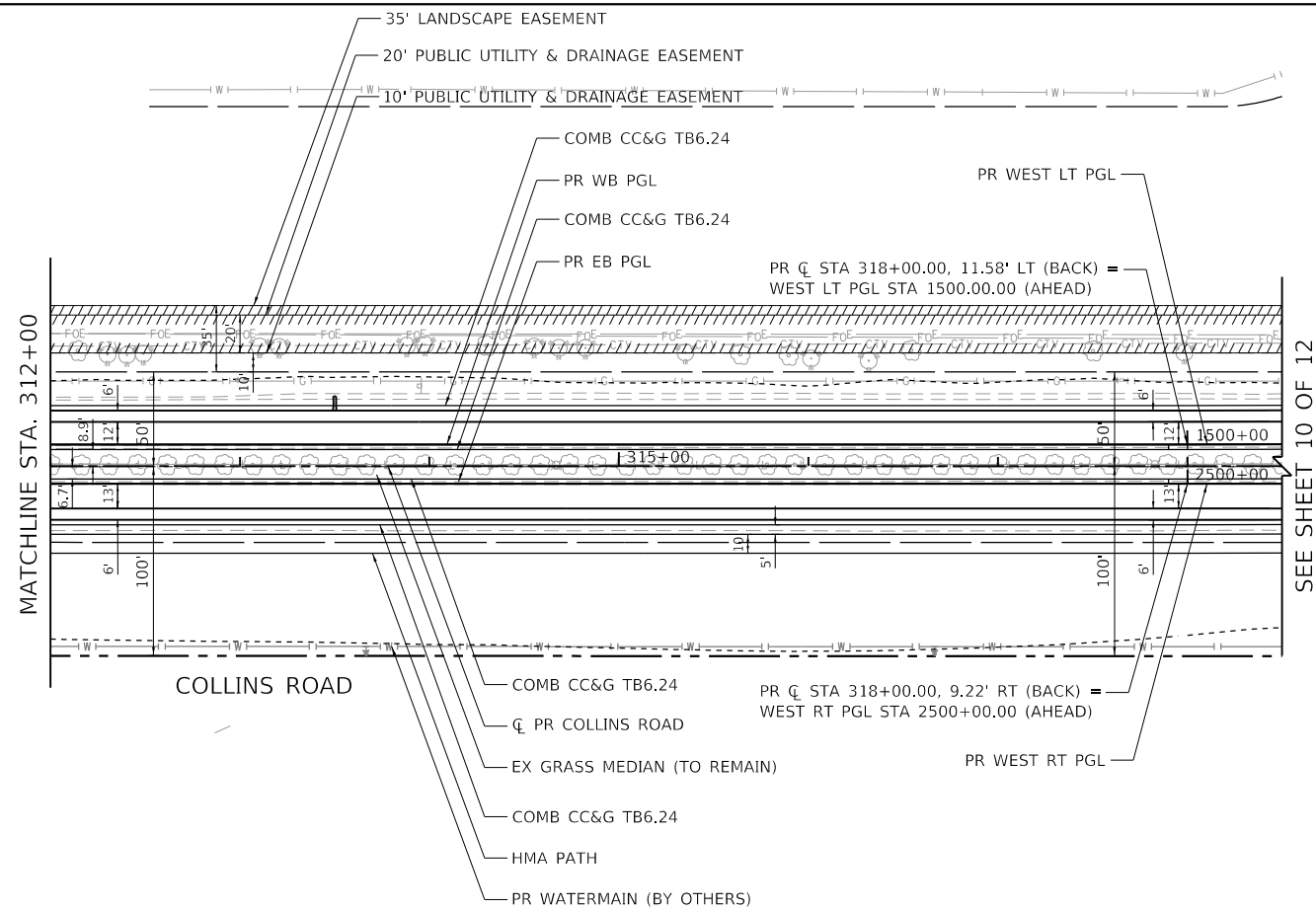
**PLAN AND PROFILE
COLLINS ROAD (SHEET 8 OF 12)**

SCALE: SHEET 8 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	48
				CONTRACT NO. 87800
				ILLINOIS FED. AID PROJECT

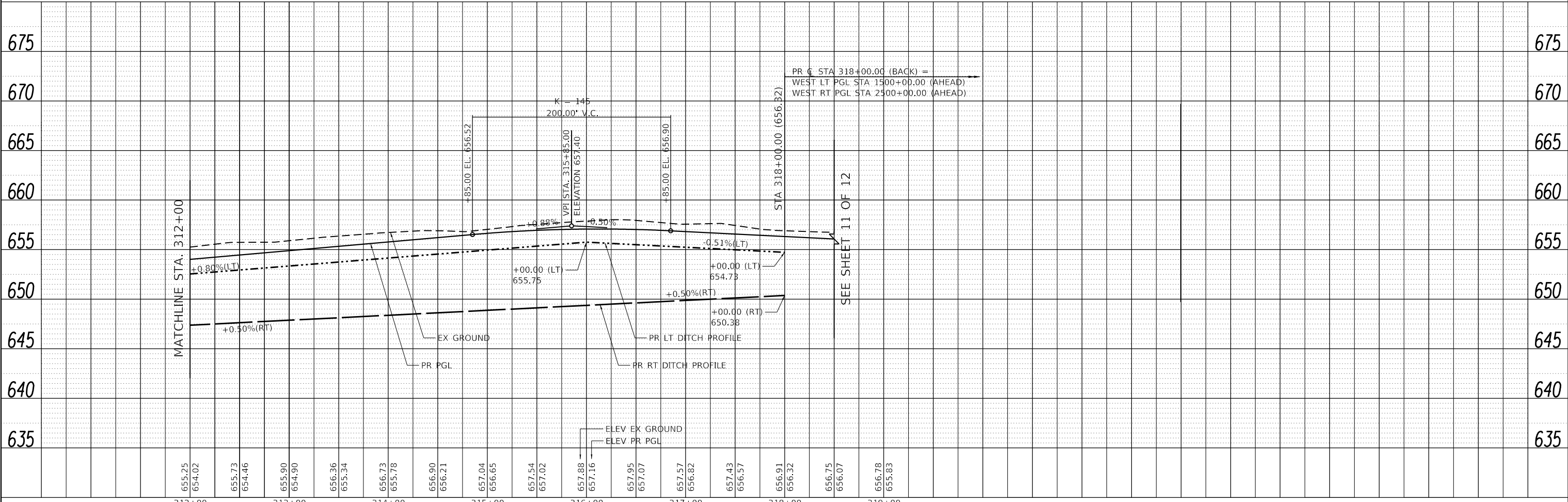
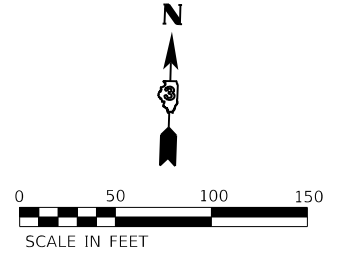
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	AS-BUILT CHECKED		
	CADD FILE NAME		
	NO.		

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



LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- PROPOSED RIGHT-OF-WAY
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT
- PROPOSED CONSTRUCTION LIMITS
- INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_PlanProfile.dgn
 PEN TABLE: 19162.tbl

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 #184-001322

USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

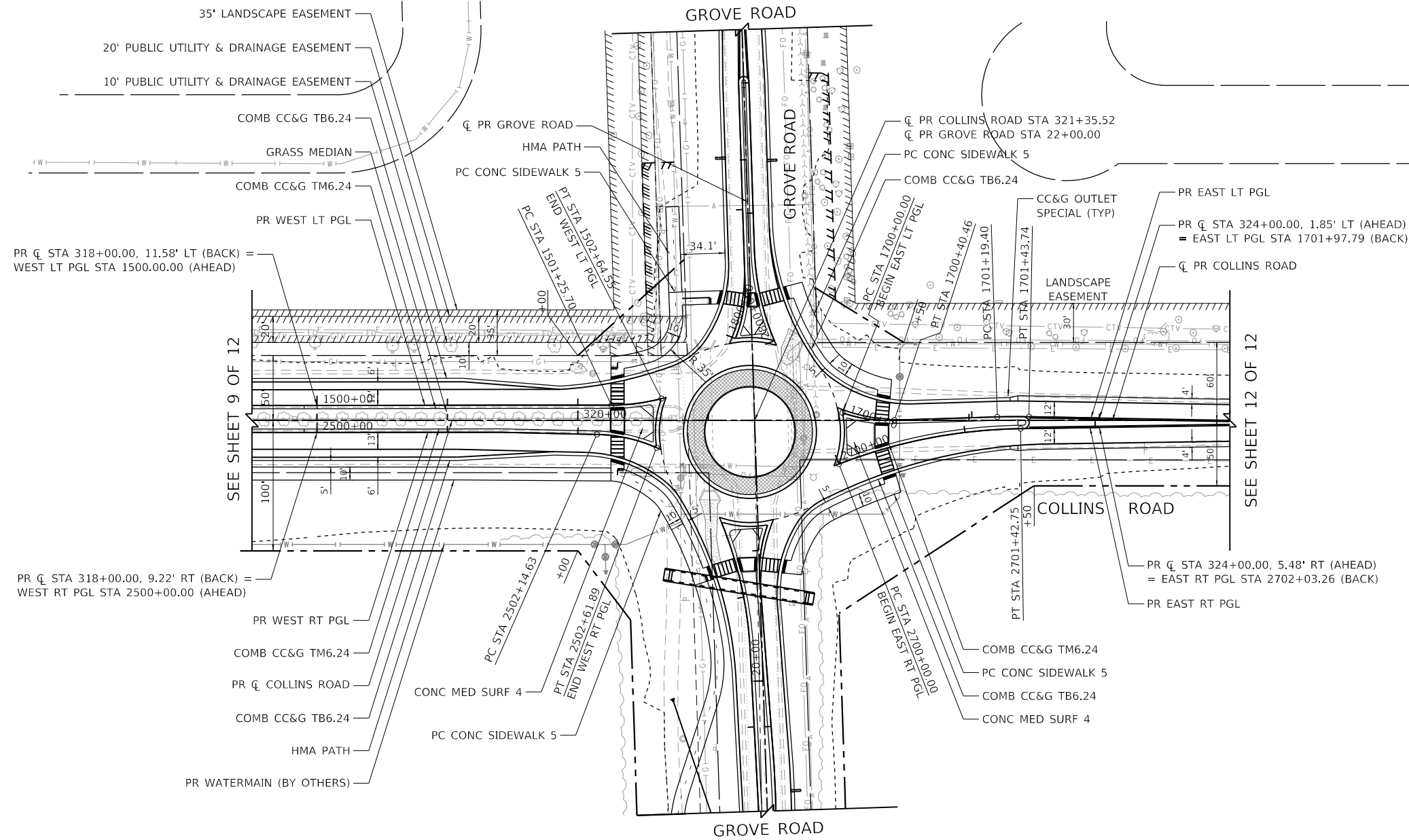
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 COLLINS ROAD (SHEET 9 OF 12)**

SCALE: SHEET 9 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	49
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PR CURVE GRAB_WRT_5 PI STA. = 2502+38.57 Δ = 22° 34' 01" (RT) D = 47° 44' 47" R = 120.00' T = 23.94' L = 47.26' E = 2.37' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 2502+14.63 P.T. STA. = 2502+61.89	PR CURVE GRAB_WLT_5 PI STA. = 1502+45.23 Δ = 14° 50' 31" (LT) D = 38° 11' 50" R = 150.00' T = 19.54' L = 38.86' E = 1.27' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 1502+25.70 P.T. STA. = 1502+64.55	PR CURVE GRAB_ELT_1 PI STA. = 1700+20.51 Δ = 23° 11' 03" (LT) D = 57° 17' 45" R = 100.00' T = 20.51' L = 40.46' E = 2.08' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 1700+00.00 P.T. STA. = 1700+40.46	PR CURVE GRAB_ELT_4 PI STA. = 1701+31.58 Δ = 2° 47' 22" (RT) D = 11° 27' 33" R = 500.00' T = 12.17' L = 24.34' E = 0.15' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 1701+19.40 P.T. STA. = 1701+43.74	PR CURVE GRAB_ERT_1 PI STA. = 2700+72.14 Δ = 20° 26' 51" (RT) D = 14° 19' 26" R = 400.00' T = 72.14' L = 142.75' E = 6.45' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 2700+00.00 P.T. STA. = 2701+42.75
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SEE SHEET 9 OF 12

SEE SHEET 12 OF 12

- NOTES:
1. ALL ROW CALLOUTS ARE RELATIVE TO THE PROPOSED CENTERLINE.
 2. SEE ROADWAY LAYOUT DETAILS FOR LAYOUT OF CIRCULATING ROADWAY, APPROACH ROADWAYS AND ISLANDS.
 3. MEDIAN CC&G SHALL BE TM6.24 WITHIN LIMITS OF SPLITTER ISLANDS.

LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- - - PROPOSED RIGHT-OF-WAY
- /// PROPOSED TEMPORARY EASEMENT
- /// PROPOSED PERMANENT EASEMENT
- - - PROPOSED CONSTRUCTION LIMITS
- INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED

SCALE IN FEET

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.dwg
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

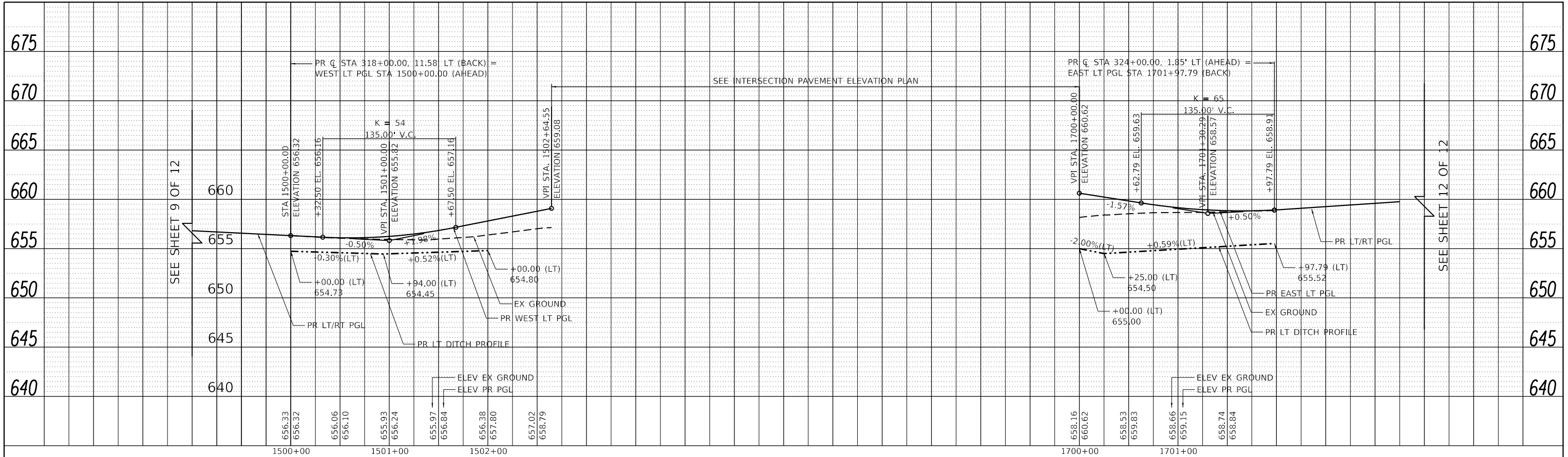
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
COLLINS ROAD (SHEET 10 OF 12)**

SCALE: SHEET 10 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	50
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



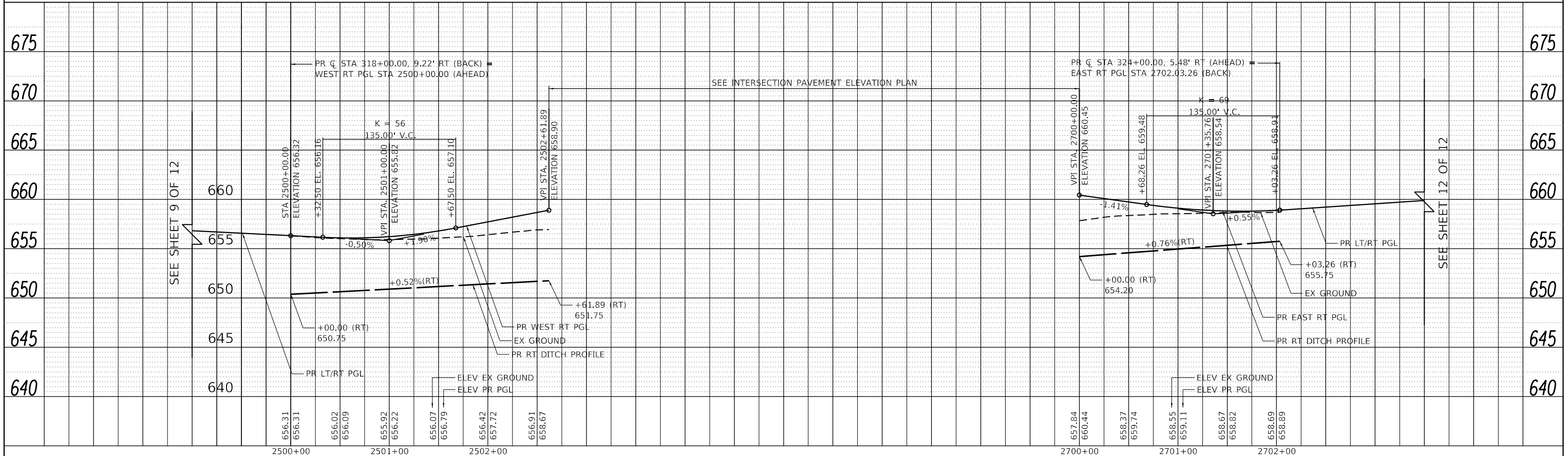
PR WEST LT PGL – COLLINS ROAD (AT GROVE ROAD)

PR EAST LT PGL – COLLINS ROAD (AT GROVE ROAD)

PR WEST RT PGL – COLLINS ROAD (AT GROVE ROAD)

PR EAST RT PGL – COLLINS ROAD (AT GROVE ROAD)

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



PR WEST RT PGL – COLLINS ROAD (AT GROVE ROAD)

PR EAST RT PGL – COLLINS ROAD (AT GROVE ROAD)

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.dwg
 PEN: TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

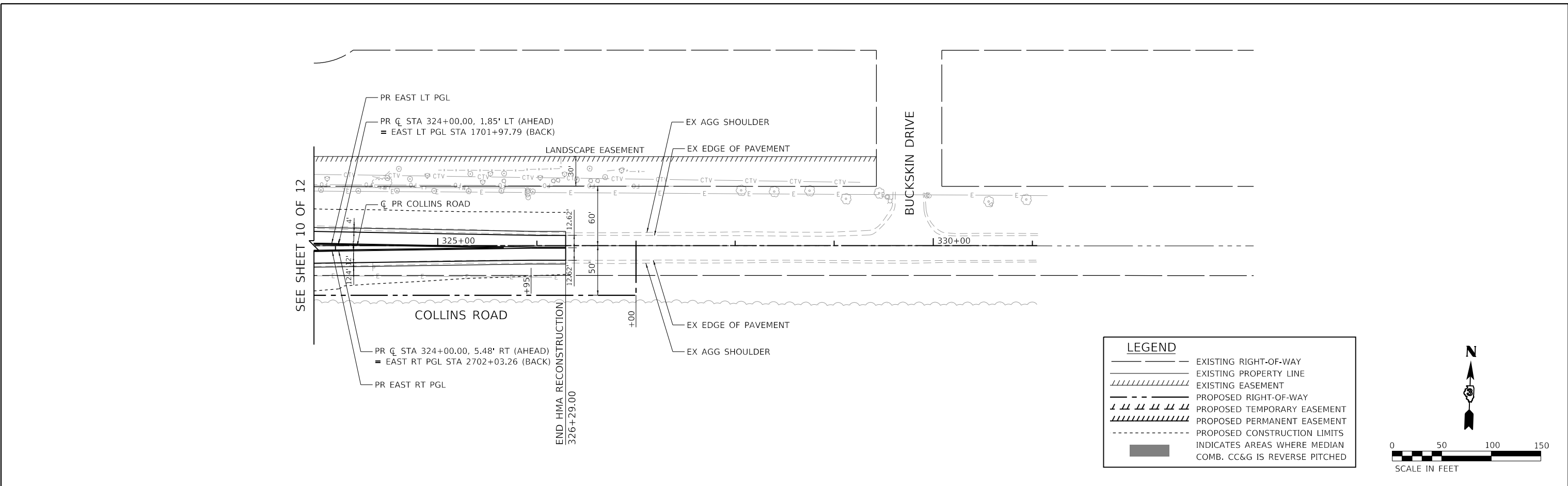
PLAN AND PROFILE	
COLLINS ROAD (SHEET 11 OF 12)	
SCALE:	SHEET 11 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	51
				CONTRACT NO. 87800
		ILLINOIS	FED. AID PROJECT	

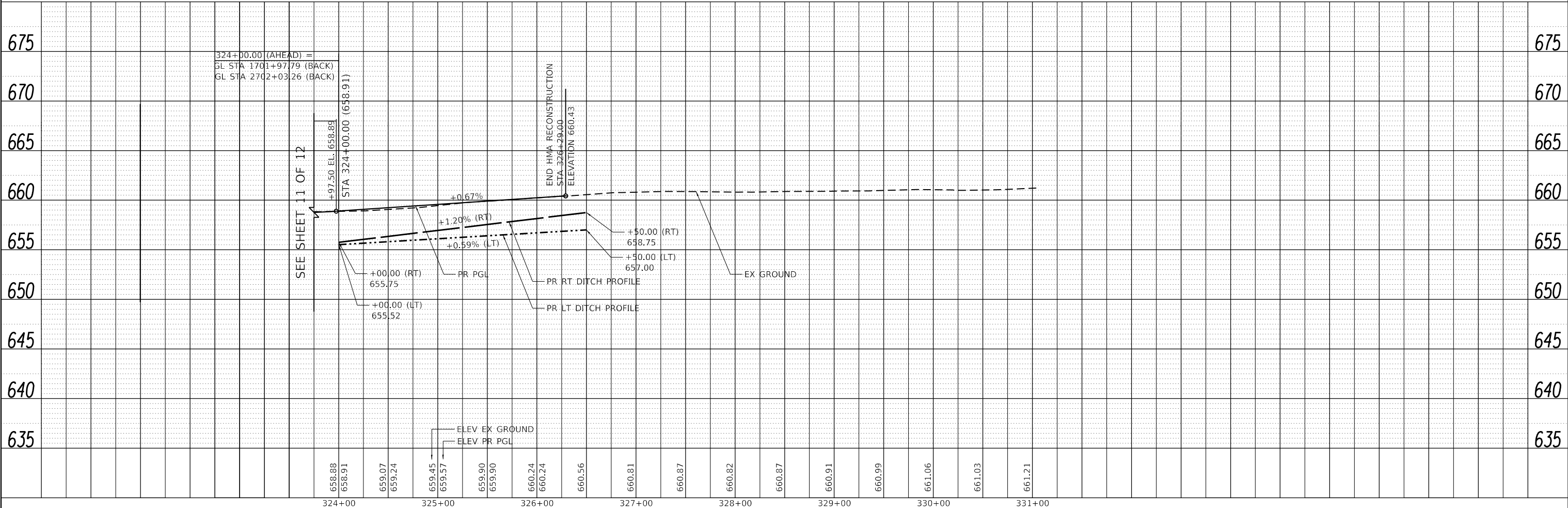
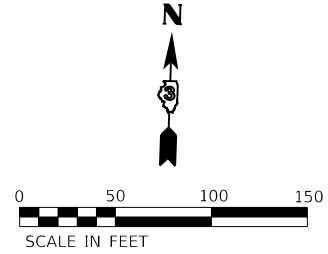
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

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

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_Plan2.dgn
 PEN TABLE: 19162.tbl



LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED CONSTRUCTION LIMITS
	INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



658.88	658.91	659.07	659.24	659.45	659.57	659.90	659.90	660.24	660.24	660.56	660.81	660.87	660.82	660.87	660.91	660.99	661.06	661.03	661.21
324+00	325+00	326+00	327+00	328+00	329+00	330+00	331+00												

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	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

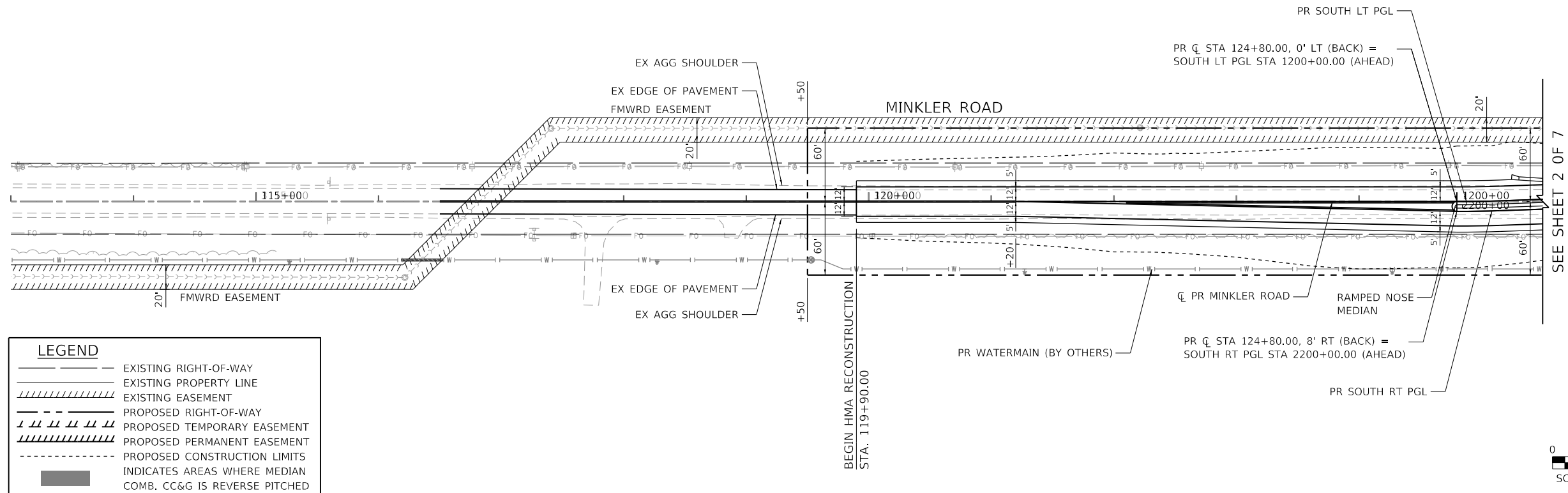
PLAN AND PROFILE
 COLLINS ROAD (SHEET 12 OF 12)
 SCALE: SHEET 12 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	52
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

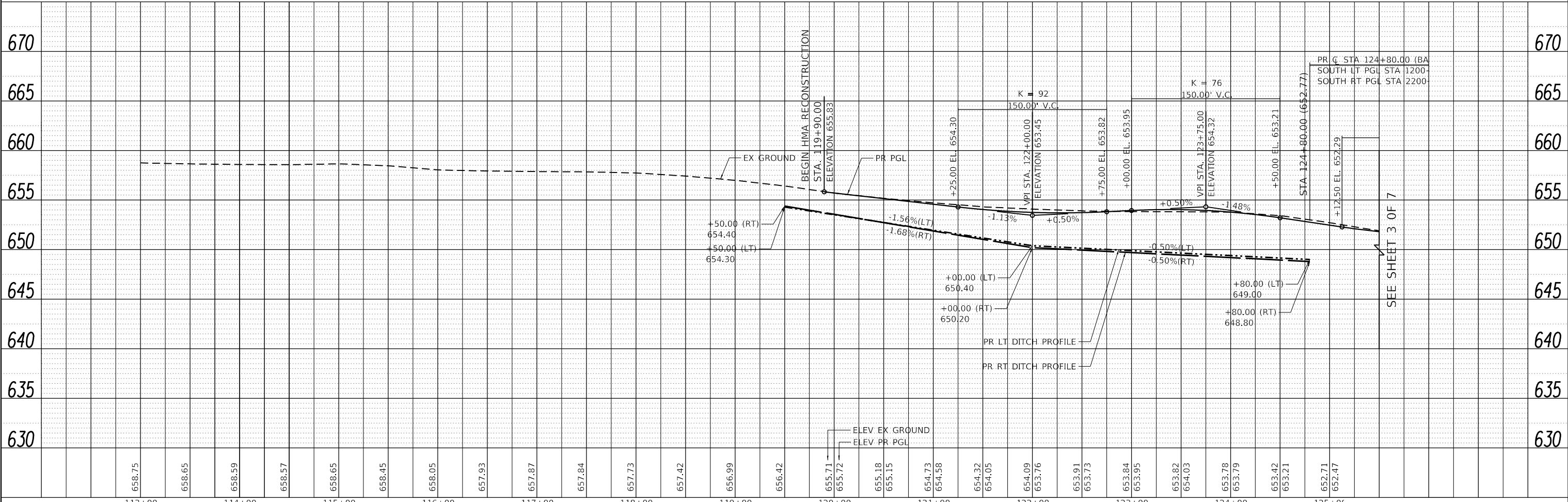
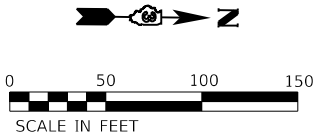
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	BY	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	BY	
	DATE	

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_PlanProfile.dgn
 PEN TABLE: 19162.tbl



LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED CONSTRUCTION LIMITS
	INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



113+00	658.75	114+00	658.65	658.59	658.57	115+00	658.65	658.45	658.05	657.93	657.87	657.84	118+00	657.73	657.42	656.99	656.42	655.71	655.72	655.18	655.15	654.73	654.58	654.32	654.05	654.09	653.76	653.91	653.73	653.84	653.95	653.82	654.03	653.78	653.79	653.42	653.21	652.71	652.47	125+00	670
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 Illinois Professional Design Firm
 #184-001322

USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE	
MINKLER ROAD (1 OF 7)	
SCALE:	SHEET 13 OF 23 SHEETS STA. TO STA.

F.A.U. RTE. 2514	SECTION 19-00154-00-FP	COUNTY KENDALL	TOTAL SHEETS 312	SHEET NO. 53
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PR CURVE MRAB_SLT_1
 PI STA. = 1200+17.80
 $\Delta = 02^\circ 02' 22''$ (LT)
 $D = 05^\circ 43' 46''$
 $R = 1,000.00'$
 $T = 17.80'$
 $L = 35.59'$
 $E = 0.16'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 1200+00.00
 P.T. STA. = 1200+35.59

PR CURVE MRAB_SLT_4
 PI STA. = 1201+68.04
 $\Delta = 19^\circ 03' 04''$ (LT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 50.34'$
 $L = 99.75'$
 $E = 4.19'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 1201+17.70
 P.T. STA. = 1202+17.46

PR CURVE MRAB_SRT_1
 PI STA. = 2200+17.34
 $\Delta = 01^\circ 59' 13''$ (LT)
 $D = 05^\circ 43' 46''$
 $R = 1,000.00'$
 $T = 17.34'$
 $L = 34.68'$
 $E = 0.15'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 2200+00.00
 P.T. STA. = 2200+34.68

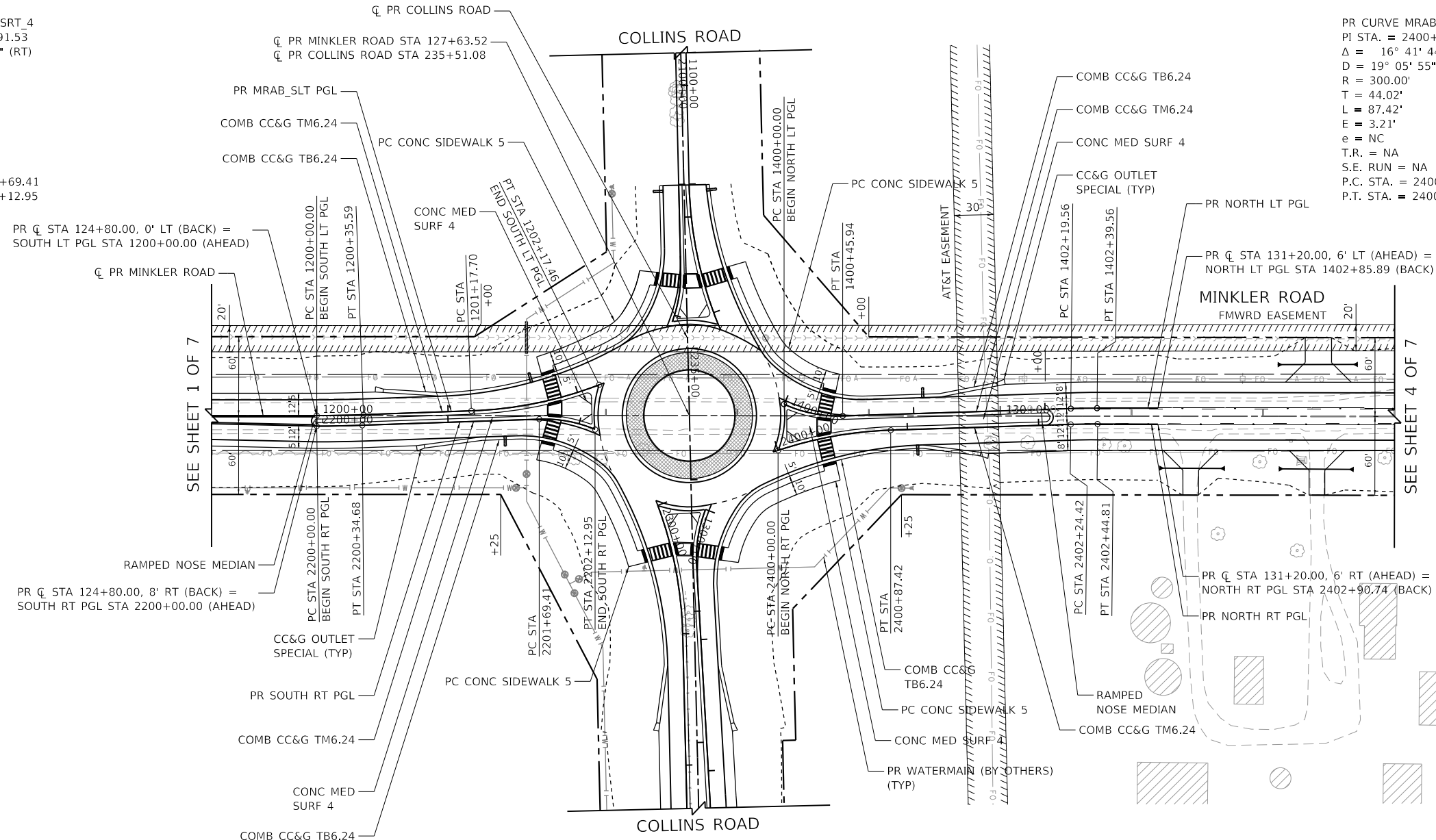
PR CURVE MRAB_SRT_4
 PI STA. = 2201+91.53
 $\Delta = 24^\circ 56' 39''$ (RT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 22.12'$
 $L = 43.54'$
 $E = 2.42'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 2201+69.41
 P.T. STA. = 2202+12.95

PR CURVE MRAB_NLT_1
 PI STA. = 1400+23.38
 $\Delta = 26^\circ 19' 08''$ (LT)
 $D = 57^\circ 17' 45''$
 $R = 100.00'$
 $T = 23.38'$
 $L = 45.94'$
 $E = 2.70'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 1400+00.00
 P.T. STA. = 1400+45.94

PR CURVE MRAB_NLT_4
 PI STA. = 1402+29.56
 $\Delta = 01^\circ 54' 33''$ (RT)
 $D = 09^\circ 32' 57''$
 $R = 600.00'$
 $T = 10.00'$
 $L = 19.99'$
 $E = 0.08'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 1402+19.56
 P.T. STA. = 1402+39.56

PR CURVE MRAB_NRT_1
 PI STA. = 2400+44.02
 $\Delta = 16^\circ 41' 44''$ (RT)
 $D = 19^\circ 05' 55''$
 $R = 300.00'$
 $T = 44.02'$
 $L = 87.42'$
 $E = 3.21'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 2400+00.00
 P.T. STA. = 2400+87.42

PR CURVE MRAB_NRT_4
 PI STA. = 2402+34.62
 $\Delta = 01^\circ 54' 33''$ (RT)
 $D = 09^\circ 21' 43''$
 $R = 612.00'$
 $T = 10.20'$
 $L = 20.39'$
 $E = 0.08'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 2402+24.42
 P.T. STA. = 2402+44.81



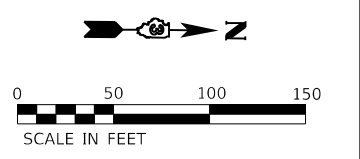
SEE SHEET 1 OF 7

SEE SHEET 4 OF 7

LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- EXISTING EASEMENT
- - - PROPOSED RIGHT-OF-WAY
- /// PROPOSED TEMPORARY EASEMENT
- /// PROPOSED PERMANENT EASEMENT
- - - PROPOSED CONSTRUCTION LIMITS
- INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED

- NOTES:**
- ALL ROW CALLOUTS ARE RELATIVE TO THE PROPOSED CENTERLINE.
 - SEE ROADWAY LAYOUT DETAILS FOR LAYOUT OF CIRCULATING ROADWAY, APPROACH ROADWAYS AND ISLANDS.
 - MEDIAN CC&G SHALL BE TM6.24 WITHIN LIMITS OF SPLITTER ISLANDS.



HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_Plan4.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

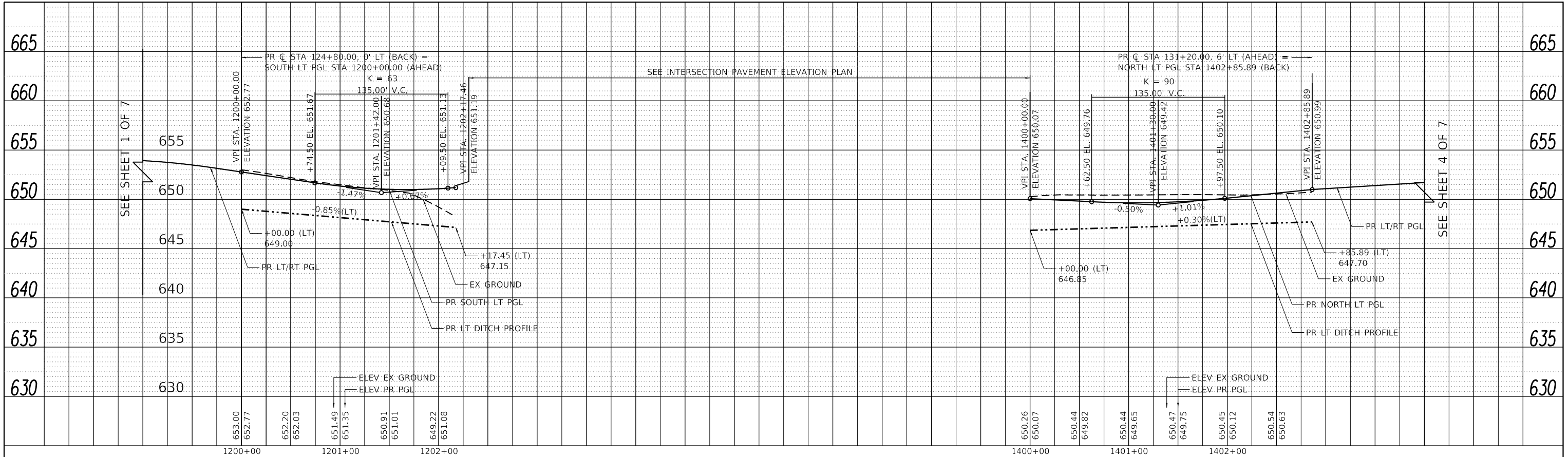
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
 MINKLER ROAD (2 OF 7)**

SCALE: SHEET 14 OF 23 SHEETS STA. TO STA.

F.A.U. RTE. 2514	SECTION 19-00154-00-FP	COUNTY KENDALL	TOTAL SHEETS 312	SHEET NO. 54
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

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



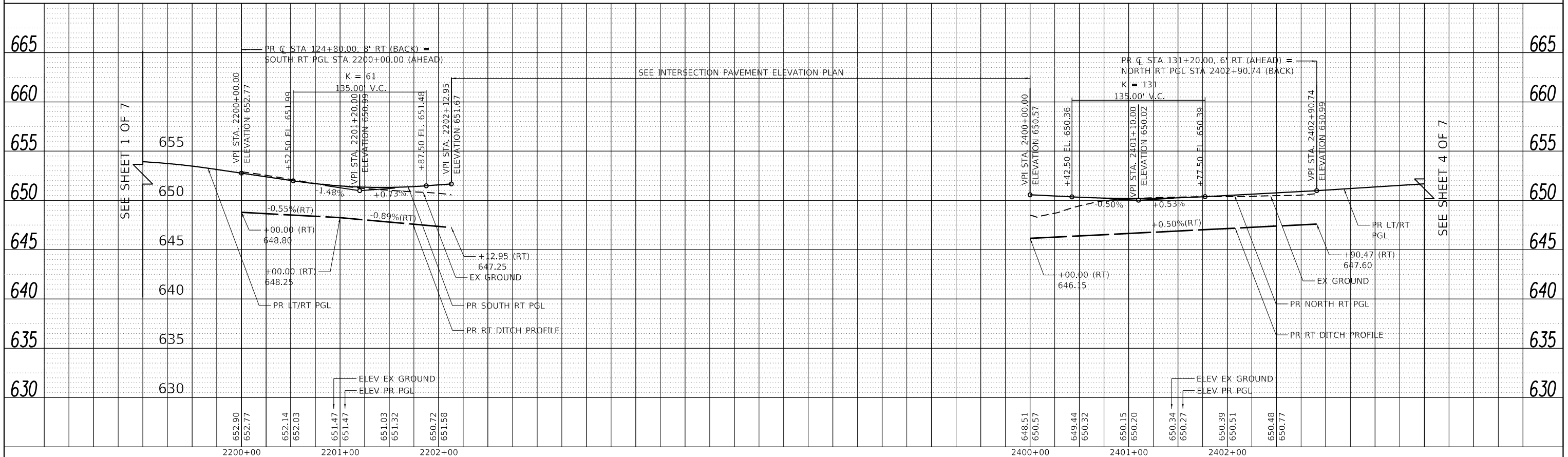
PR SOUTH LT PGL – MINKLER ROAD

PR NORTH LT PGL – MINKLER ROAD

PR SOUTH RT PGL – MINKLER ROAD

PR NORTH RT PGL – MINKLER ROAD

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATIS CHFD		
	NO.		



HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_PlanProfile.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN AND PROFILE	
MINKLER ROAD (3 OF 7)	
SCALE:	SHEET 15 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	55
				CONTRACT NO. 87800
ILLINOIS		FED. AID PROJECT		

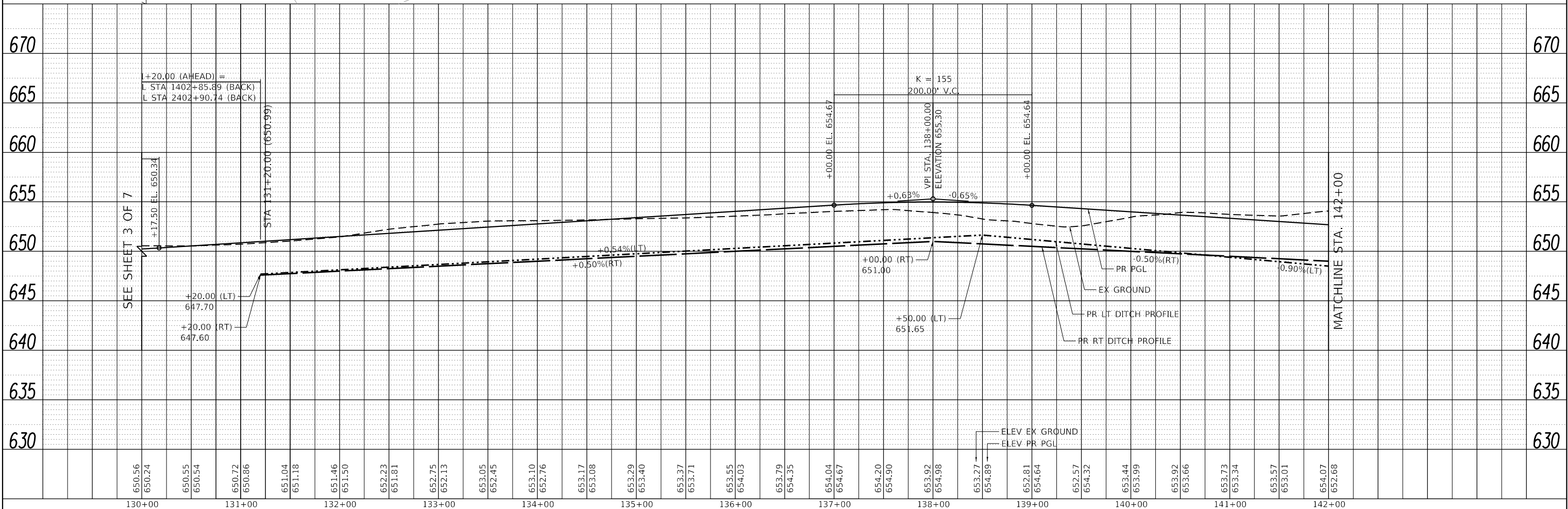
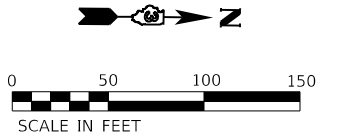
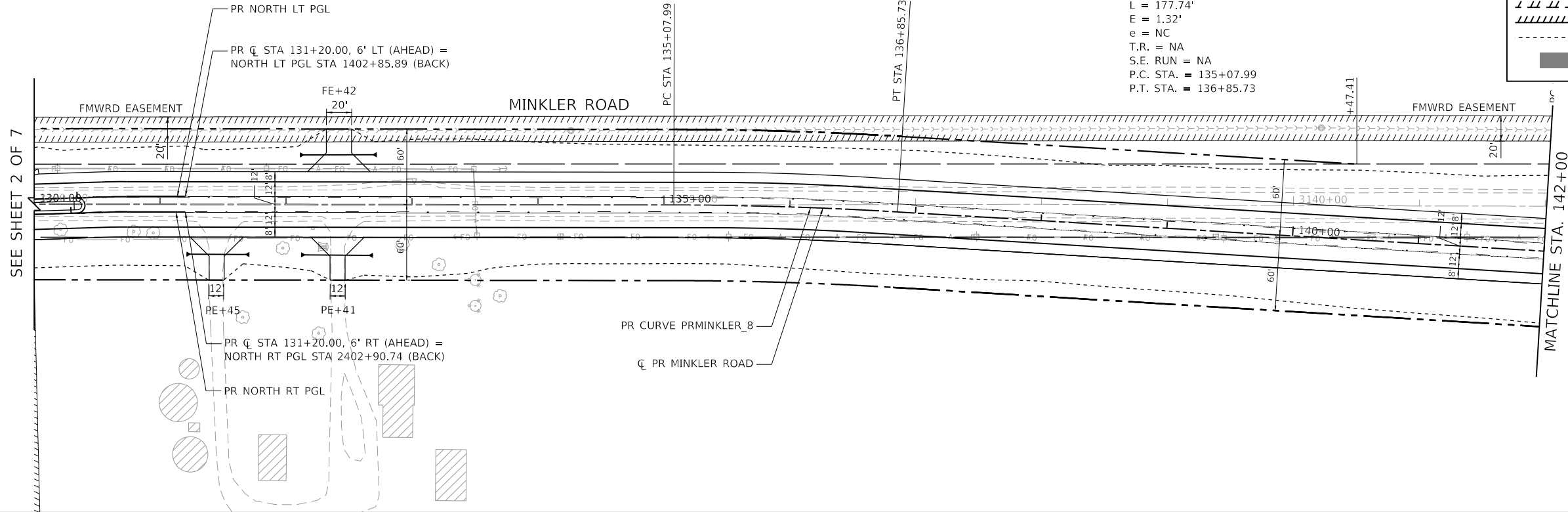
PLAN	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	ALIGNMENT CHECKED	
NO.	CARD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
NOTE BOOK	GRADES CHECKED	
NO.	STRUCTURE NOTATIONS CHKD	

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_19162.dgn
 PEN: TABLE: 19162.tbl

PR CURVE PRMINKLER_8
 PI STA. = 135+96.89
 $\Delta = 3^\circ 23' 41''$ (RT)
 D = 1° 54' 35"
 R = 3,000.00'
 T = 88.90'
 L = 177.74'
 E = 1.32'
 e = NC
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 135+07.99
 P.T. STA. = 136+85.73

LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED CONSTRUCTION LIMITS
	INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



650.56	650.24	650.55	650.34	650.72	650.96	651.04	651.18	651.46	651.50	652.23	651.81	652.75	652.13	653.05	652.45	653.10	652.76	653.17	653.08	653.29	653.40	653.37	653.71	653.55	654.03	653.79	654.35	654.04	654.67	654.20	654.90	653.92	654.98	653.27	654.89	652.81	654.64	652.57	654.32	653.44	653.99	653.92	653.66	653.73	653.34	653.57	653.01	654.07	652.68
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HRGreen.com	DESIGNED - JMR	REVISIION -
Micro Professional Design Firm	DRAWN - AJM	REVISIION -
# 184-001322	CHECKED - APS	REVISIION -
	DATE - 10/21/2022	REVISIION -

USER NAME = amiller	DESIGNED - JMR	REVISIION -
	DRAWN - AJM	REVISIION -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISIION -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISIION -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

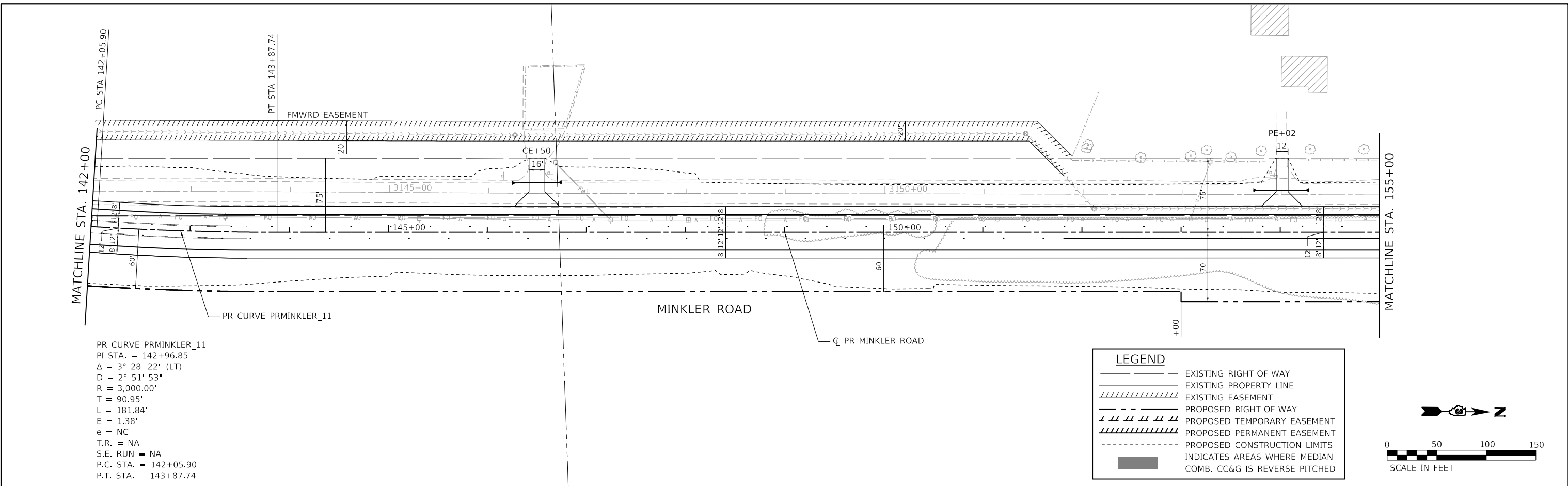
SCALE:		SHEET 16 OF 23 SHEETS		STA. TO STA.		PLAN AND PROFILE MINKLER ROAD (4 OF 7)	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	56
CONTRACT NO. 87800				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO. _____		
	NO. _____		

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

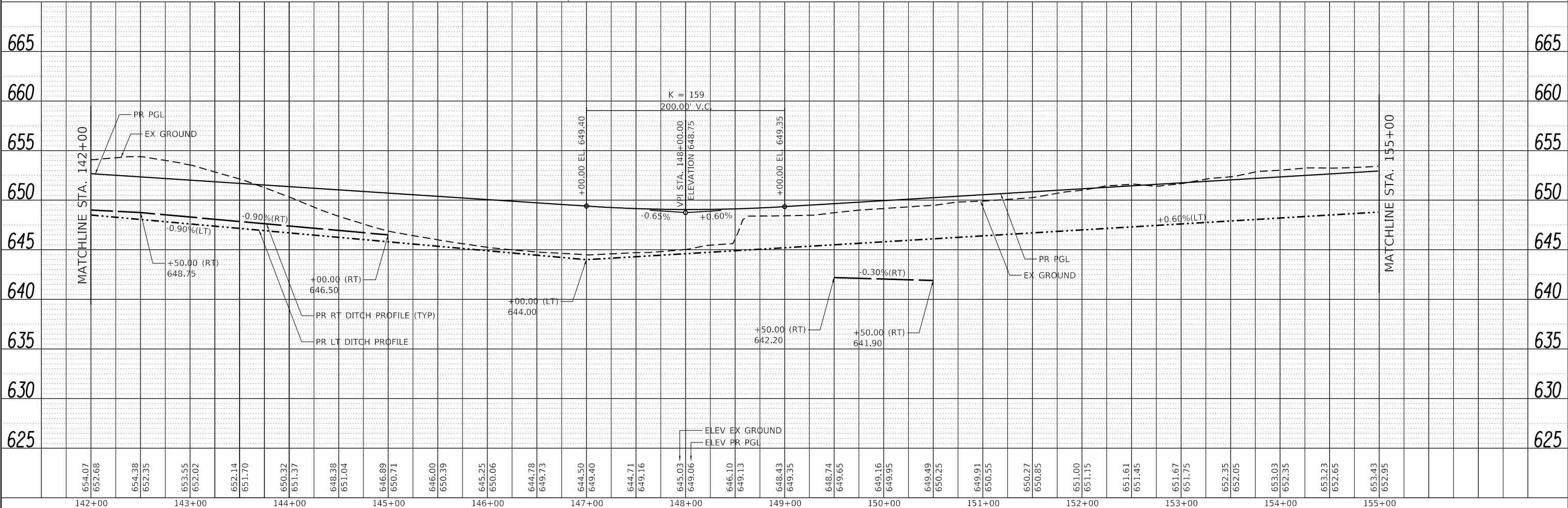
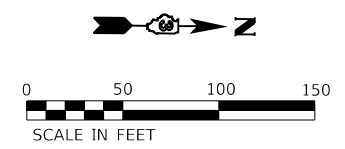
HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_Plan_Profile.dgn
 PEN TABLE: 19162.tbl



PR CURVE PRMINKLER_11
 PI STA. = 142+96.85
 $\Delta = 3^\circ 28' 22''$ (LT)
 $D = 2^\circ 51' 53''$
 $R = 3,000.00'$
 $T = 90.95'$
 $L = 181.84'$
 $E = 1.38'$
 $e = NC$
 T.R. = NA
 S.E. RUN = NA
 P.C. STA. = 142+05.90
 P.T. STA. = 143+87.74

LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- /// EXISTING EASEMENT
- - - PROPOSED RIGHT-OF-WAY
- /// PROPOSED TEMPORARY EASEMENT
- /// PROPOSED PERMANENT EASEMENT
- - - PROPOSED CONSTRUCTION LIMITS
- INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED

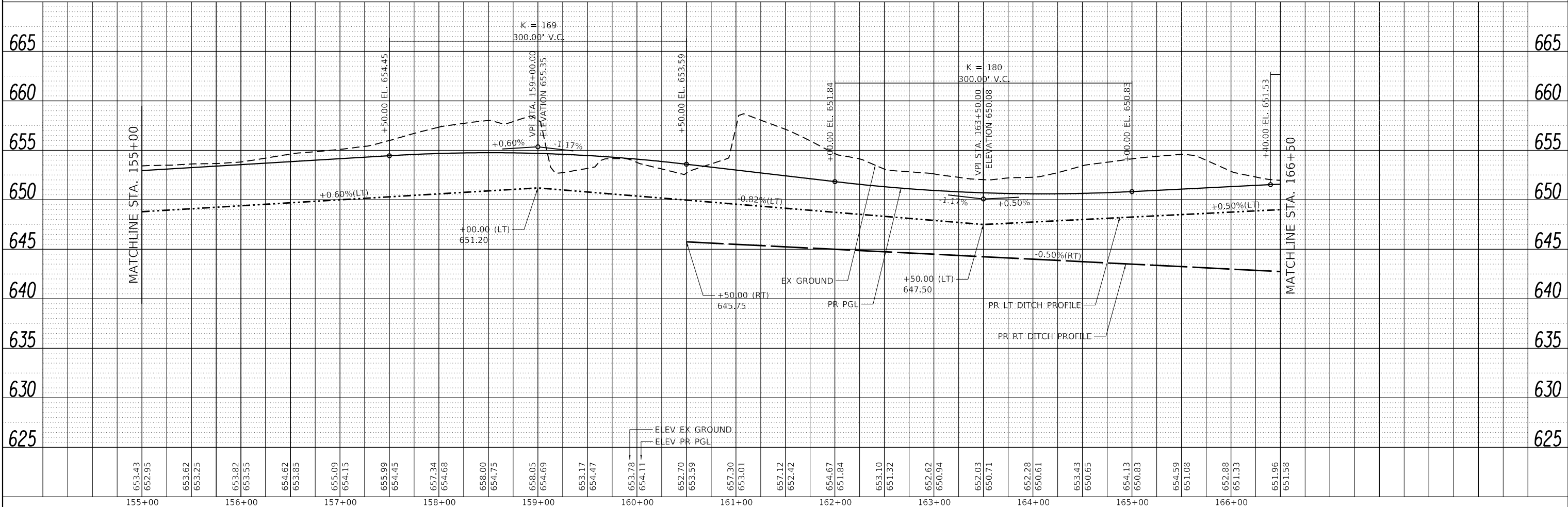
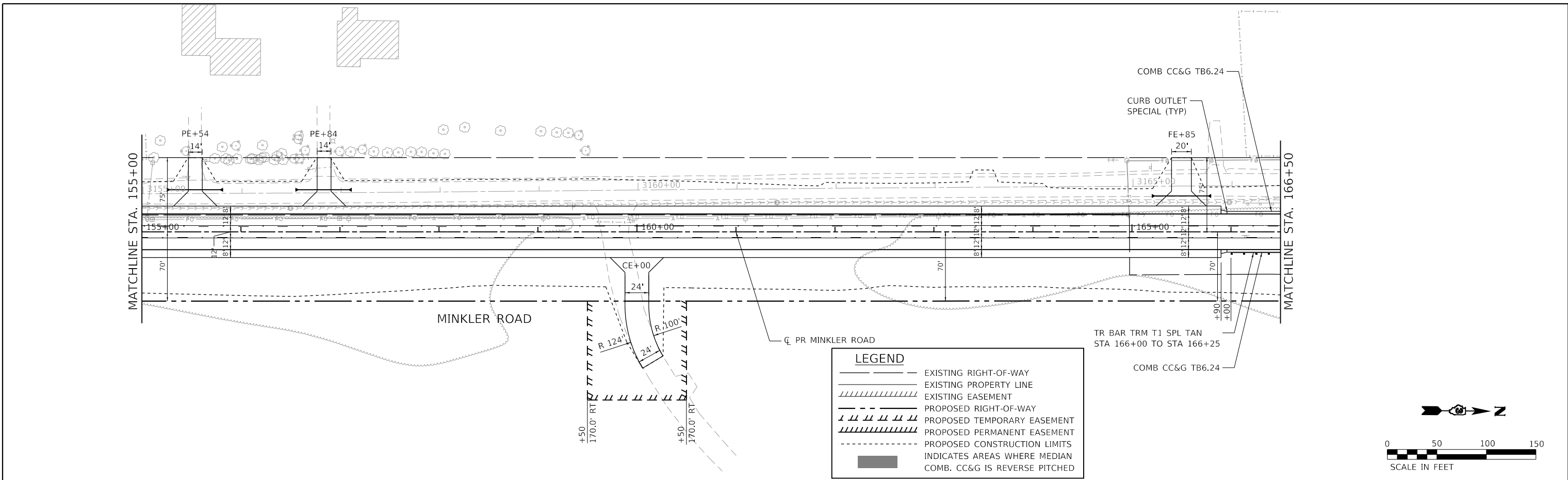


654.07	652.68	654.38	652.35	653.55	652.02	652.14	651.70	650.32	651.37	648.38	651.04	646.89	650.71	646.00	650.39	645.25	650.06	644.78	649.73	644.50	649.40	644.71	649.16	645.03	649.06	646.10	649.13	648.43	649.35	648.74	649.65	649.16	649.95	649.49	650.25	649.91	650.55	650.27	650.85	651.00	651.15	651.61	651.45	651.67	651.75	652.35	652.05	653.03	652.35	653.23	652.65	653.43	652.95
142+00	143+00	144+00	145+00	146+00	147+00	148+00	149+00	150+00	151+00	152+00	153+00	154+00	155+00	USER NAME = amiller		DESIGNED - JMR	REVISED -	DRAWN - AJM		REVISED -	CHECKED - APS		REVISED -	PLOT SCALE = 100.0000' / in.		CHECKED - APS	REVISED -	PLOT DATE = 10/21/2022		DATE - 10/21/2022	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">PLAN AND PROFILE MINKLER ROAD (5 OF 7)</p>										F.A.U. R.T.E. 2514	SECTION 19-00154-00-FP	COUNTY KENDALL	TOTAL SHEETS 312	SHEET NO. 57							
SCALE:		SHEET 17 OF 23 SHEETS		STA.	TO STA.		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 87800																																										

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	

HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_Plan6.dgn
 PEN TABLE: 19162.tbl



653.43	652.95	653.62	653.25	653.82	653.55	654.62	653.85	655.09	654.15	655.99	654.45	657.34	654.68	658.00	654.75	658.05	654.69	653.17	654.47	653.78	654.11	652.70	653.59	657.30	653.01	657.12	652.42	654.67	651.84	653.10	651.32	652.62	650.94	652.03	650.71	652.28	650.61	653.43	650.65	654.13	650.83	654.59	651.08	652.88	651.33	651.96	651.58
155+00				156+00				157+00				158+00				159+00				160+00				161+00				162+00				163+00				164+00				165+00				166+00			

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 #184-001322

USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
MINKLER ROAD (6 OF 7)**

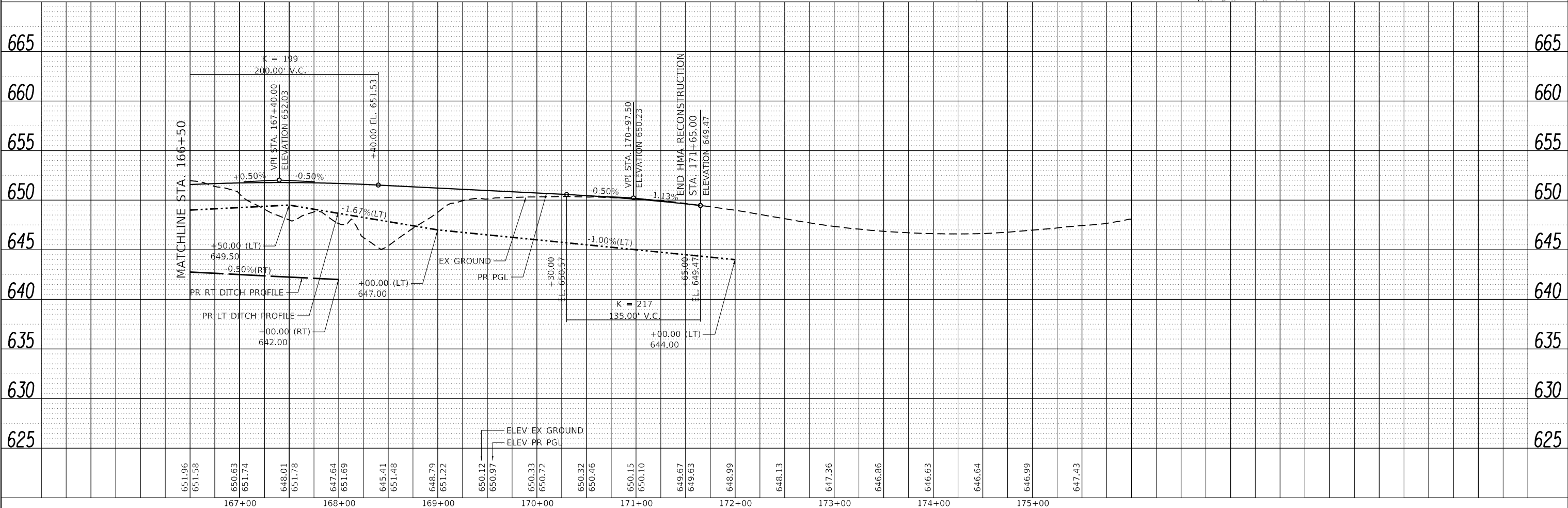
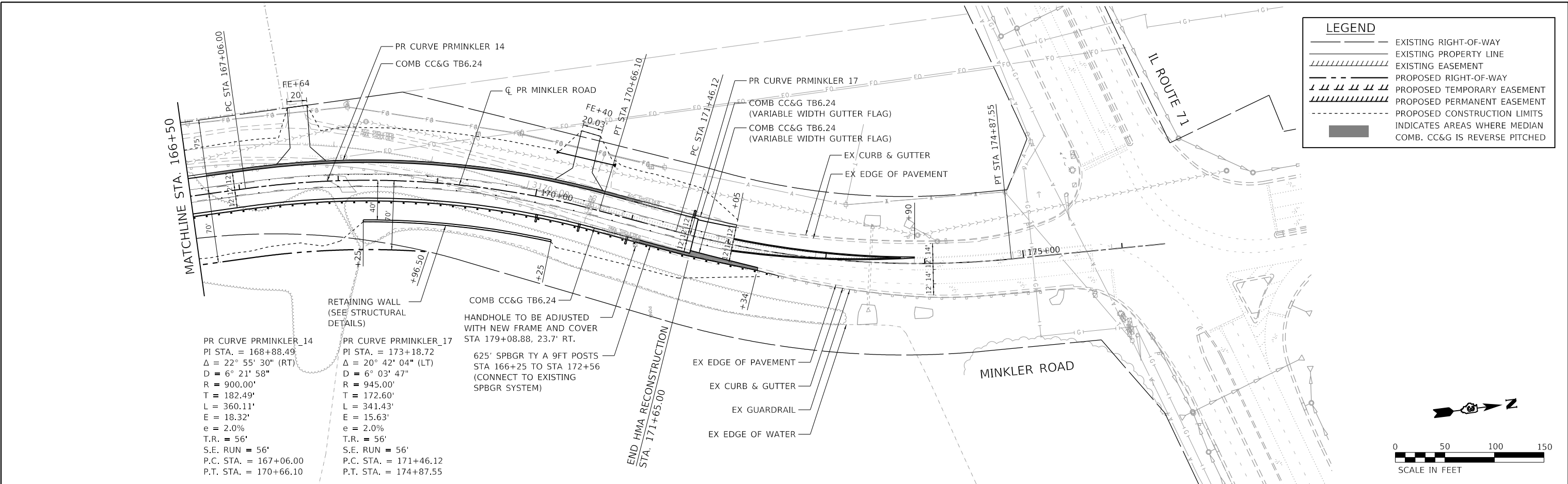
SCALE: SHEET 18 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	58
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	DESIGNED		
	FILE NAME		
	FILE NO.		
	FILE DATE		

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

HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_PlanProfile.dwg
 PEN TABLE: 19162.tbl



651.96	651.58	650.63	651.74	648.01	651.78	647.64	651.69	645.41	651.48	648.79	651.22	650.12	650.97	650.33	650.72	650.32	650.46	650.15	650.10	649.67	649.63	648.99	648.13	647.26	646.86	646.63	646.64	646.99	647.43	665	
167+00	168+00	169+00	170+00	171+00	172+00	173+00	174+00	175+00																							665

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USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

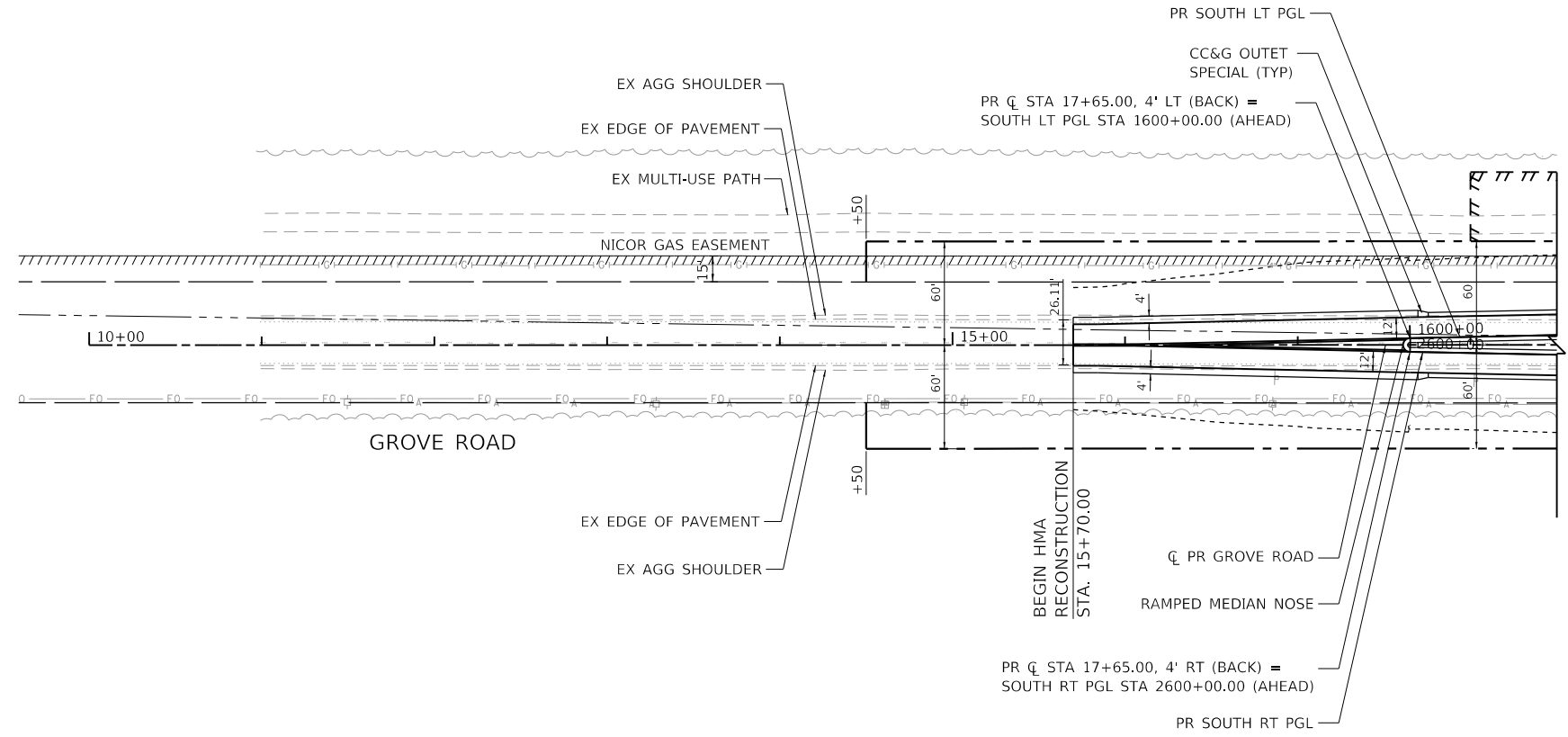
**PLAN AND PROFILE
 MINKLER ROAD (7 OF 7)**

SCALE: SHEET 19 OF 23 SHEETS STA. TO STA.

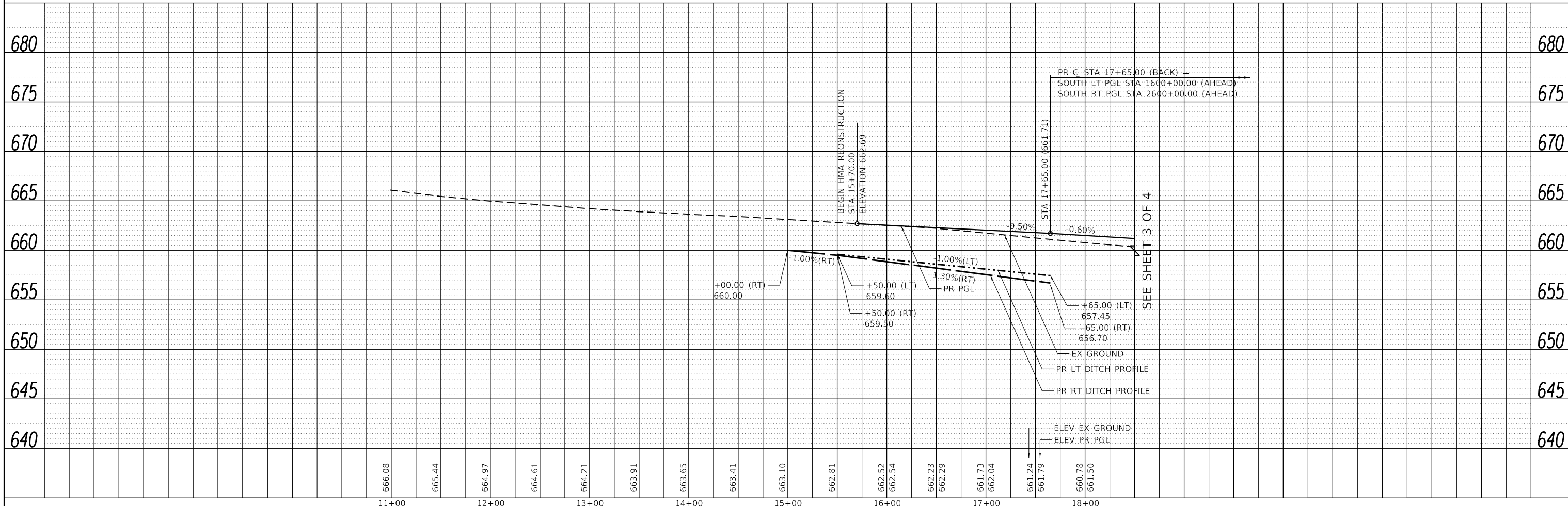
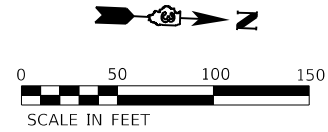
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	59
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

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

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	
	FILE NAME	
	TABLE NAME	



LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	PROPOSED CONSTRUCTION LIMITS
	INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



HRG PROJECT NO. 19162
HRG PROJ. CONTACT
FILE NAME: 19162_Plan20.dgn
PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

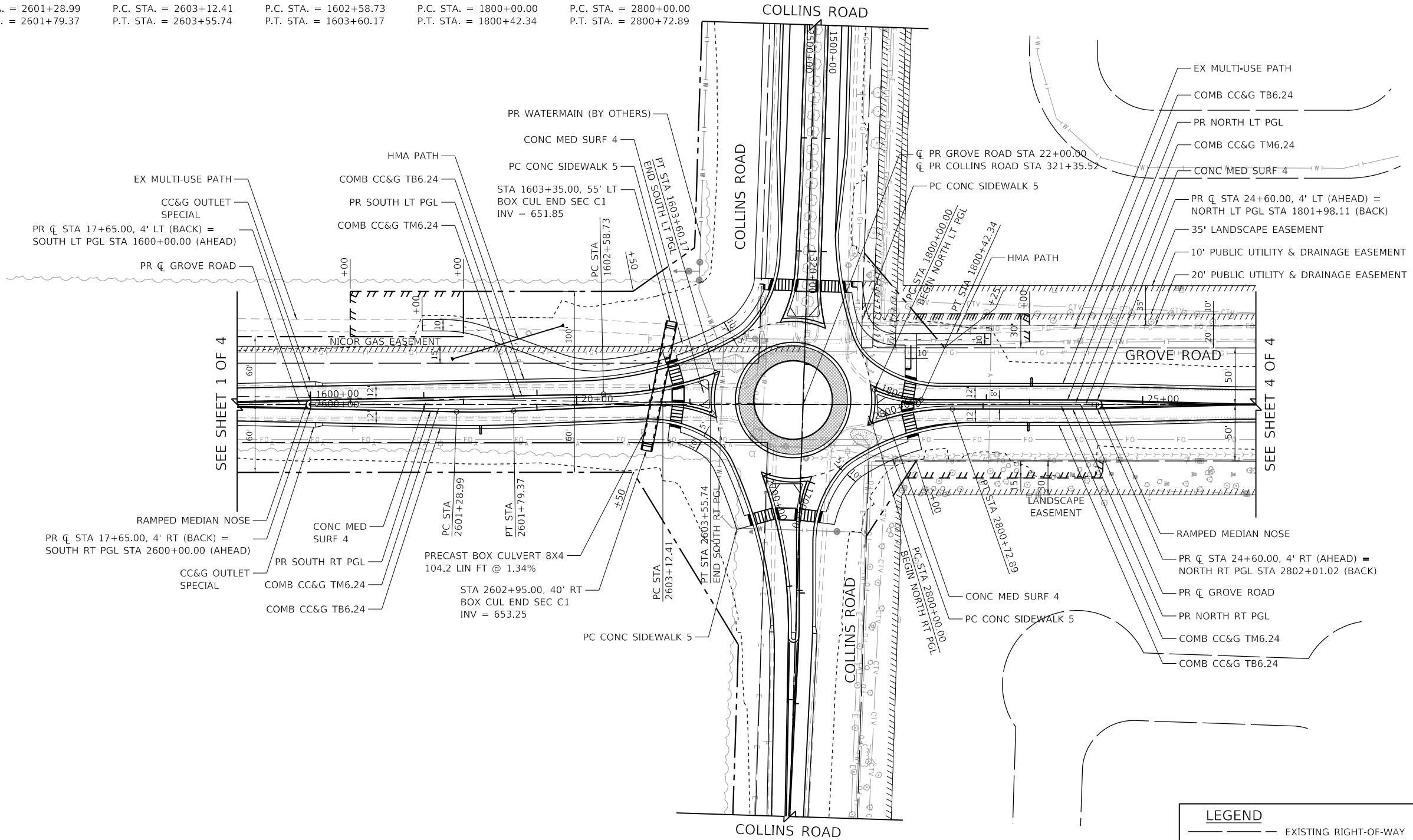
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
GROVE ROAD (1 OF 4)

SCALE: SHEET 20 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	60
				CONTRACT NO. 87800
ILLINOIS FED. AID PROJECT				

PR CURVE GRAB_SRT_3 PI STA. = 2601+54.19 Δ = 03° 36' 29" (LT) D = 07° 09' 43" R = 800.00' T = 25.20' L = 50.38' E = 0.40' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 2601+28.99 P.T. STA. = 2601+79.37	PR CURVE GRAB_SRT_6 PI STA. = 2603+34.42 Δ = 24° 49' 31" (RT) D = 57° 17' 45" R = 100.00' T = 22.01' L = 43.33' E = 2.39' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 2603+12.41 P.T. STA. = 2603+55.74	PR CURVE GRAB_SLT_3 PI STA. = 1603+09.94 Δ = 19° 22' 27" (LT) D = 19° 05' 55" R = 300.00' T = 51.21' L = 101.44' E = 4.34' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 1602+58.73 P.T. STA. = 1603+60.17	PR CURVE GRAB_NLT_1 PI STA. = 1800+21.49 Δ = 24° 15' 28" (LT) D = 57° 17' 45" R = 100.00' T = 21.49' L = 42.34' E = 2.28' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 1800+00.00 P.T. STA. = 1800+42.34	PR CURVE GRAB_NRT_1 PI STA. = 2800+36.85 Δ = 20° 52' 54" (RT) D = 28° 38' 52" R = 200.00' T = 36.85' L = 72.89' E = 3.37' e = NC T.R. = NA S.E. RUN = NA P.C. STA. = 2800+00.00 P.T. STA. = 2800+72.89
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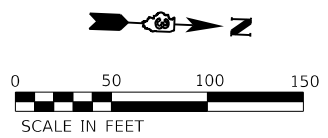
SEE SHEET 1 OF 4

SEE SHEET 4 OF 4

LEGEND

- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- /// EXISTING EASEMENT
- - - PROPOSED RIGHT-OF-WAY
- /// PROPOSED TEMPORARY EASEMENT
- /// PROPOSED PERMANENT EASEMENT
- - - PROPOSED CONSTRUCTION LIMITS
- INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED

- NOTES:**
- ALL ROW CALLOUTS ARE RELATIVE TO THE PROPOSED CENTERLINE.
 - SEE ROADWAY LAYOUT DETAILS FOR LAYOUT OF CIRCULATING ROADWAY, APPROACH ROADWAYS AND ISLANDS.
 - MEDIAN CC&G SHALL BE TM6.24 WITHIN LIMITS OF SPLITTER ISLANDS.



HRG PROJECT NO.: 19162
HRG PROJ. CONTACT:
FILE NAME: 19162_Plan2.dwg
PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

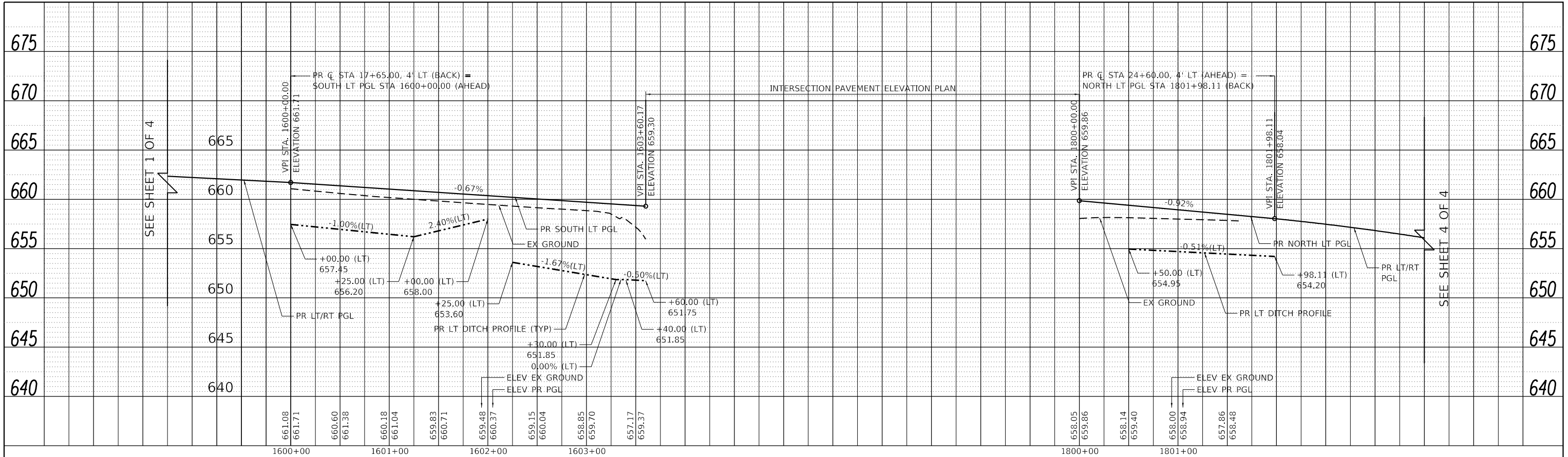
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
GROVE ROAD (2 OF 4)**

SCALE: SHEET 21 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	61
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	



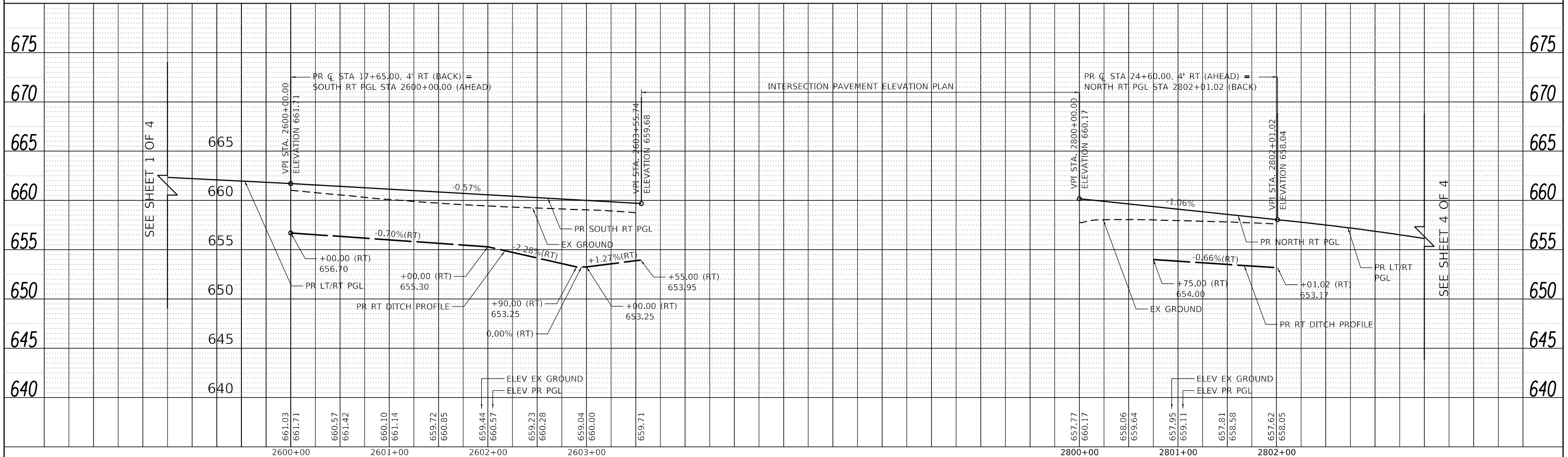
SOUTH LT PGL - GROVE ROAD

NORTH LT PGL - GROVE ROAD

SOUTH RT PGL - GROVE ROAD

NORTH RT PGL - GROVE ROAD

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CARD FILE NAME	



USER NAME	= amiller	DESIGNED	- JMR	REVISED	-
		DRAWN	- AJM	REVISED	-
PLOT SCALE	= 100.0000' / in.	CHECKED	- APS	REVISED	-
PLOT DATE	= 10/21/2022	DATE	- 10/21/2022	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
GROVE ROAD (3 OF 4)**

SCALE: SHEET 22 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	62
CONTRACT NO.			87800	
ILLINOIS		FED. AID PROJECT		

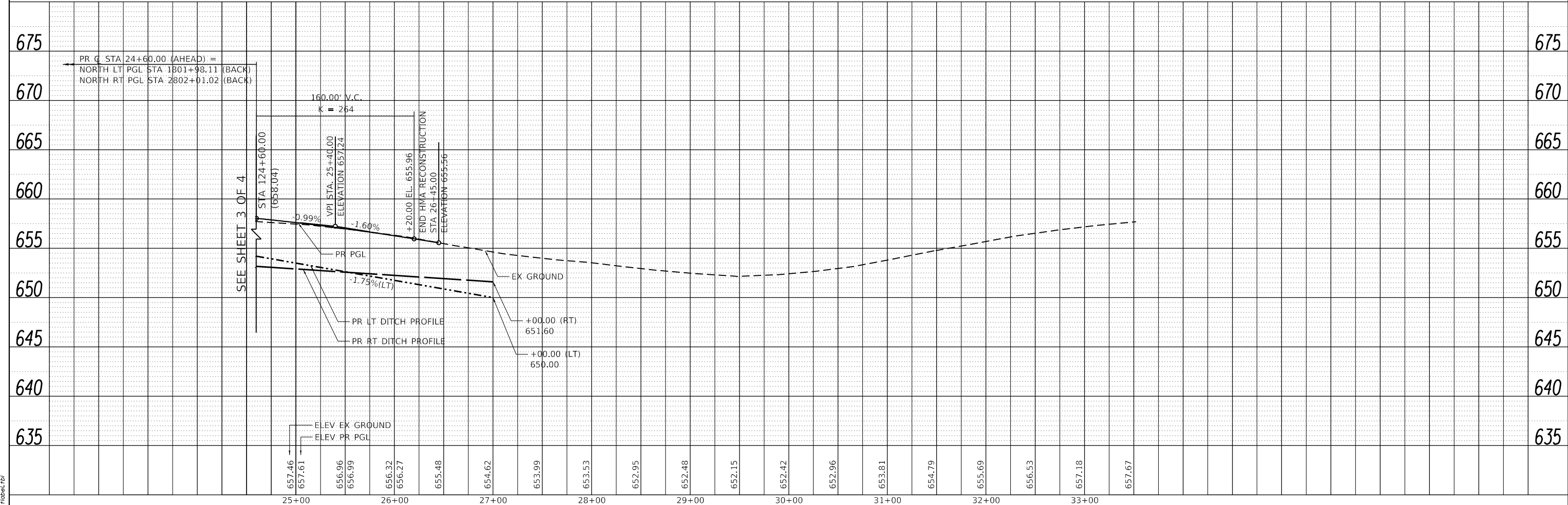
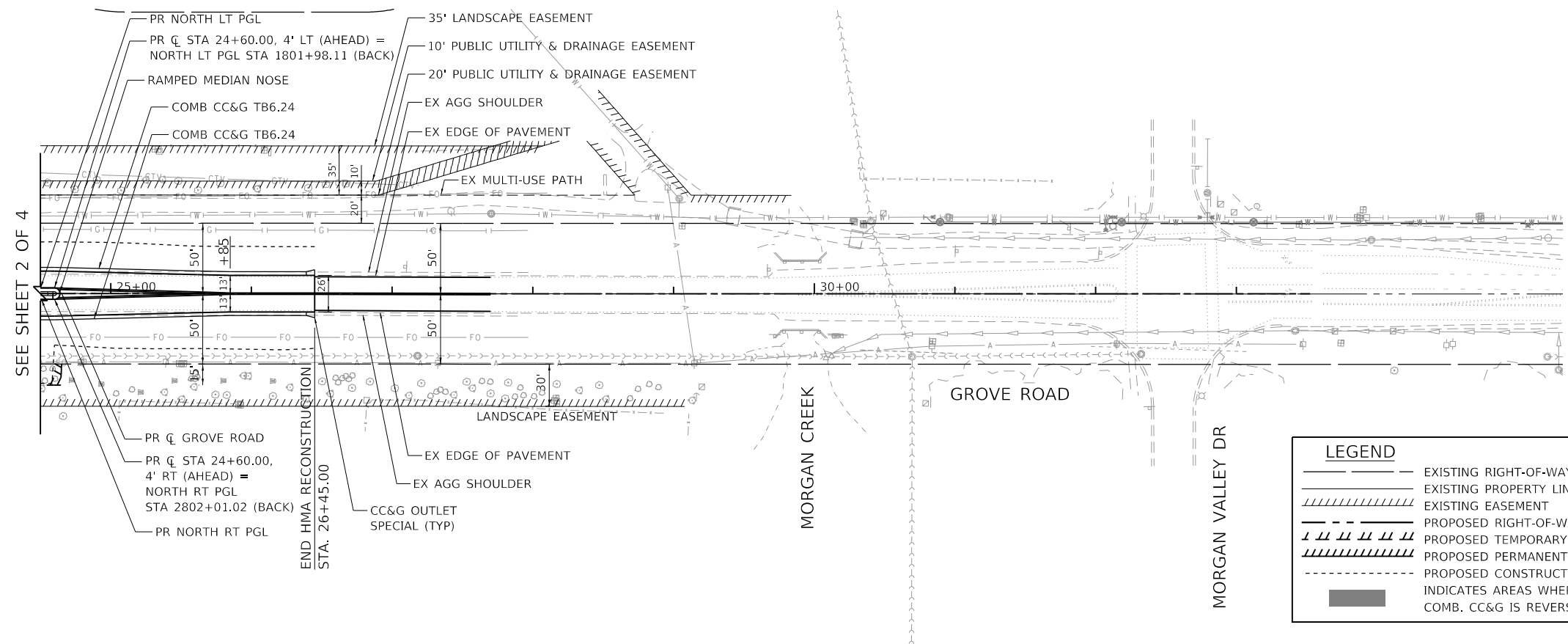
HRG PROJECT NO.: 19162
HRG PROJ. CONTACT:
FILE NAME: 19162_P1922.dgn
PEN TABLE: 19162.tbl



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

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

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_Plan23.dgn
 PEN TABLE: 19162.tbl

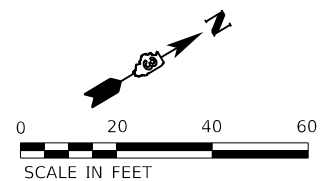
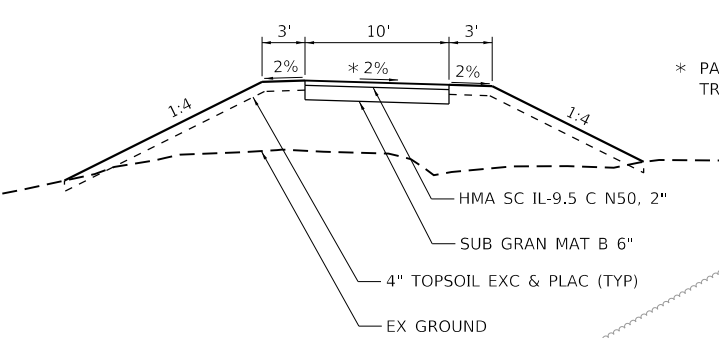
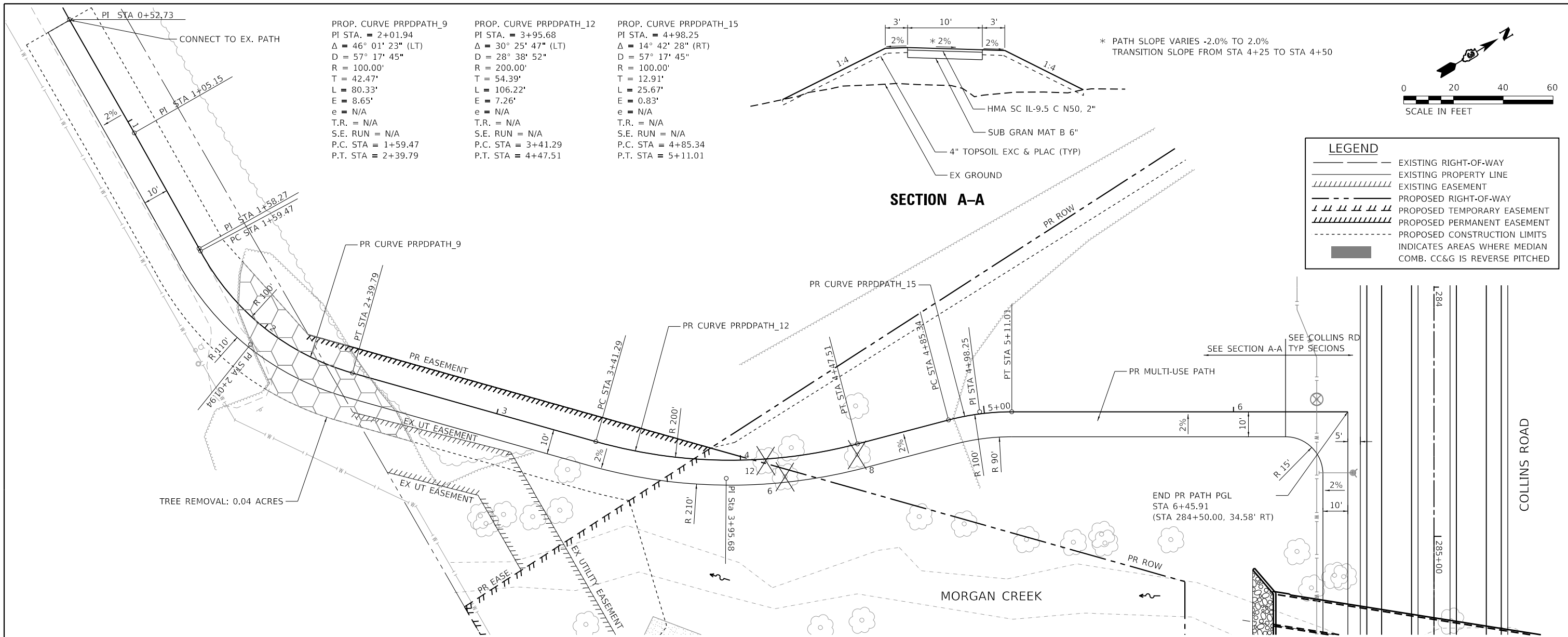


	USER NAME = amiller DESIGNED - JMR DRAWN - AJM CHECKED - APS DATE - 10/21/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE GROVE ROAD (4 OF 4)	F.A.U. RTE. 2514 SECTION 19-00154-00-FP COUNTY KENDALL TOTAL SHEETS 312 SHEET NO. 63
	PLOT SCALE = 100.0000' / in. PLOT DATE = 10/21/2022	SCALE: SHEET 23 OF 23 SHEETS STA. TO STA.			CONTRACT NO. 87800 ILLINOIS FED. AID PROJECT

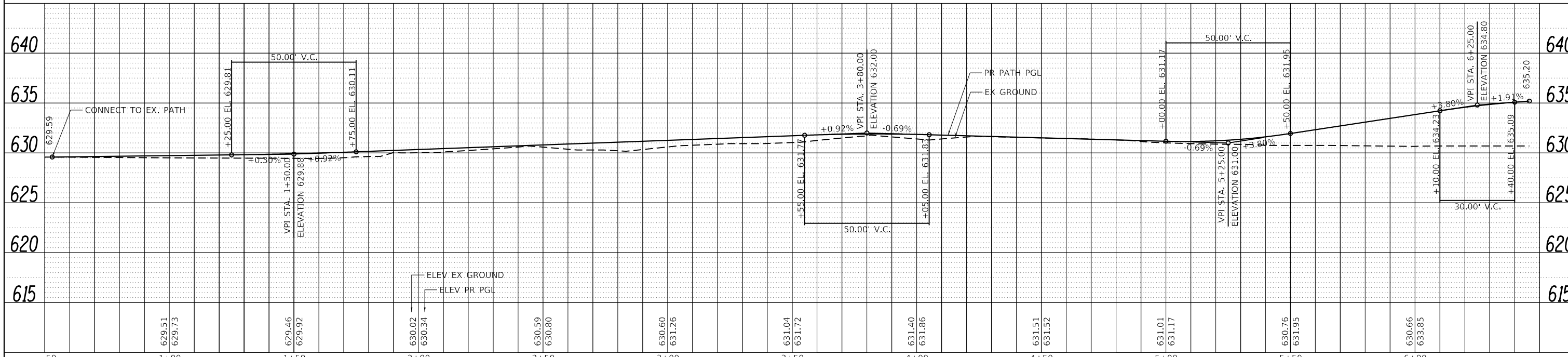
DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES	
CHECKED	
FILE NAME	
NO.	

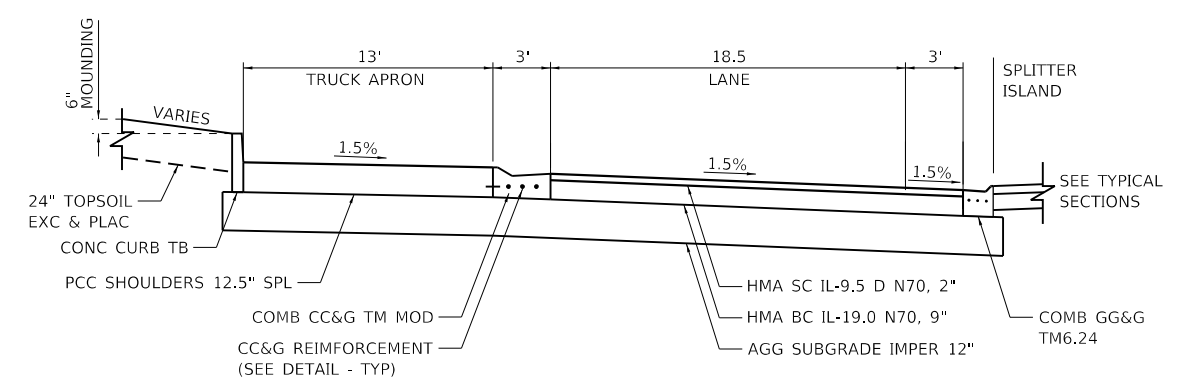
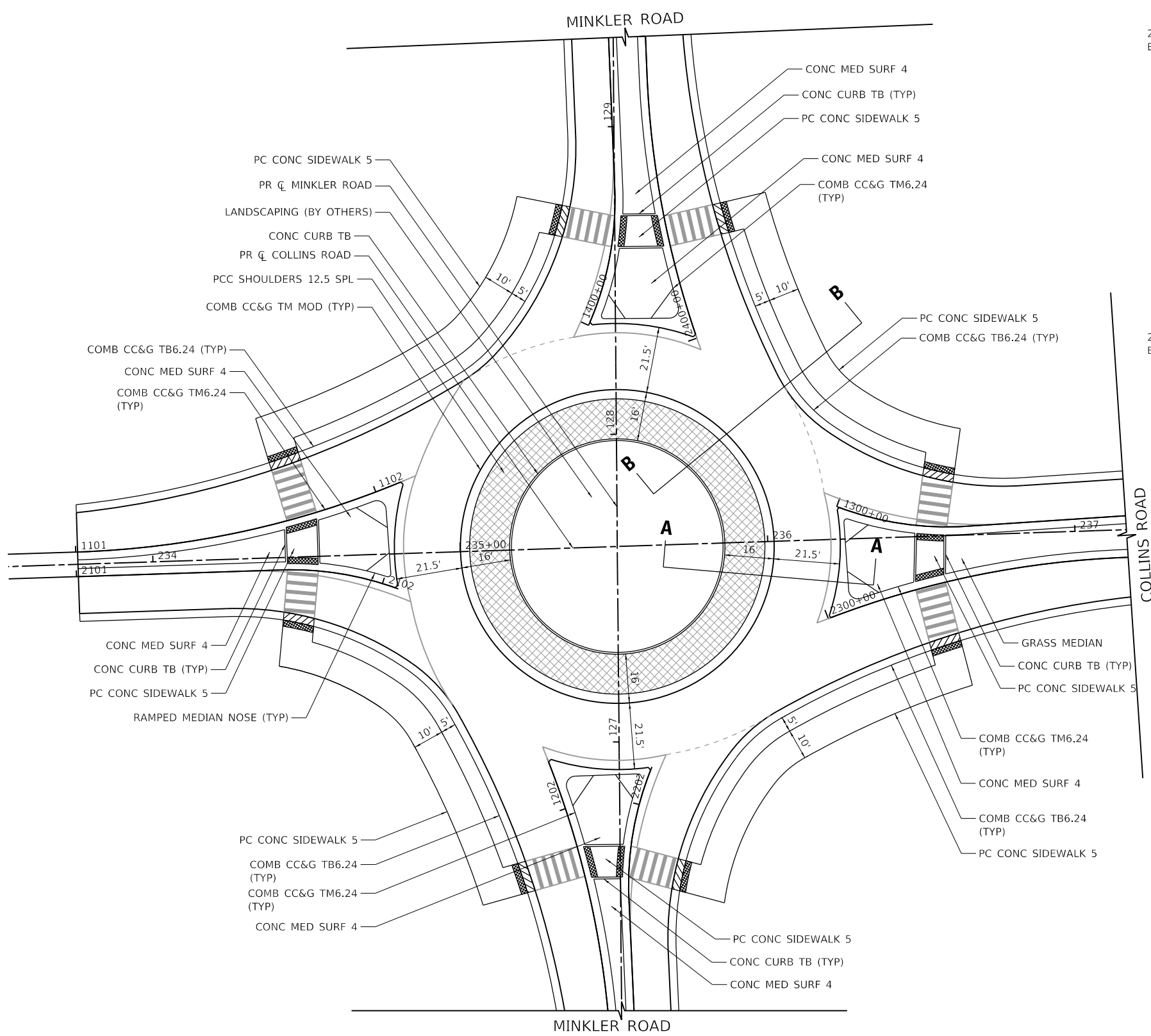
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 HRG PROJ. CONTACT:
 FILE NAME: 19162.pnp-patm01.dgn
 PEN TABLE: patm01.tbl



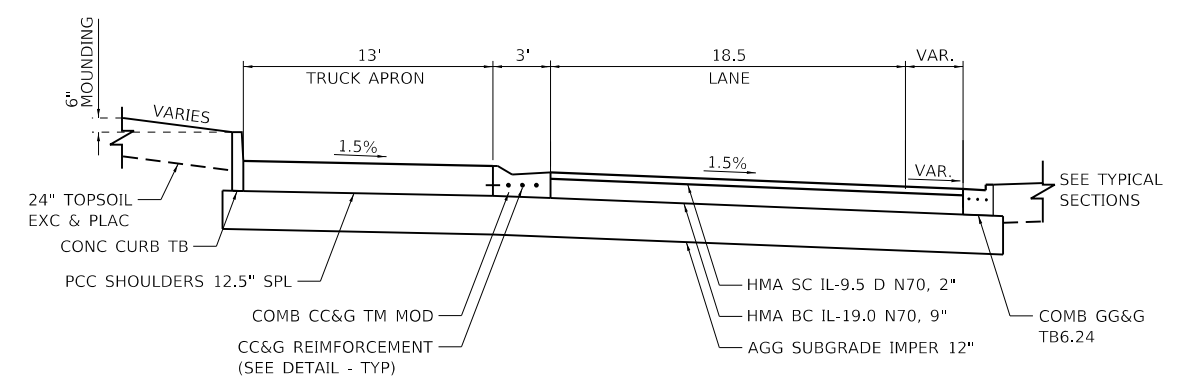
LEGEND	
---	EXISTING RIGHT-OF-WAY
---	EXISTING PROPERTY LINE
---	EXISTING EASEMENT
---	PROPOSED RIGHT-OF-WAY
---	PROPOSED TEMPORARY EASEMENT
---	PROPOSED PERMANENT EASEMENT
---	PROPOSED CONSTRUCTION LIMITS
---	INDICATES AREAS WHERE MEDIAN COMB. CC&G IS REVERSE PITCHED



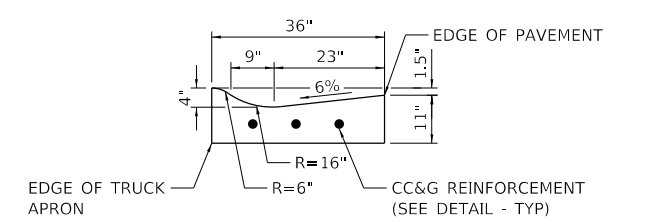
HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = amiller	DESIGNED - JMR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE MULTI-USE PATH	F.A.U. RTE. 2514	SECTION 19-00154-00-FP	COUNTY KENDALL	TOTAL SHEETS 312	SHEET NO. 64	
PLOT SCALE = 40.0000' / in.	CHECKED - APS	REVISOR	SCALE:			SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 87800		ILLINOIS FED. AID PROJECT	
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISOR									



SECTION A-A



SECTION B-B

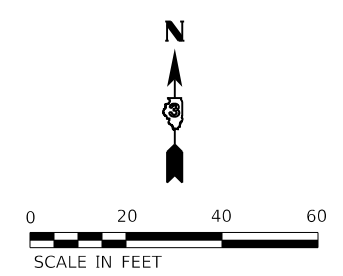


COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)

- NOTES:
- SEE ROADWAY LAYOUT DETAILS FOR LAYOUT OF CIRCULATING ROADWAY, APPROACH ROADWAYS, AND ISLANDS.

LEGEND

	INDICATES AREAS WHERE MEDIAN COMB CC&G IS REVERSE PITCHED
	PROPOSED DEPRESSED CURB
	PROPOSED DETECTABLE WARNINGS
	LIMITS OF TYPE M-4 CURB AND GUTTER



HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.dwg
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CIRCULATING ROADWAY DETAILS	
COLLINS ROAD AT MINKLER ROAD	
SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	65
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_19162.dgn
 PEN TABLE: 19162.tbl

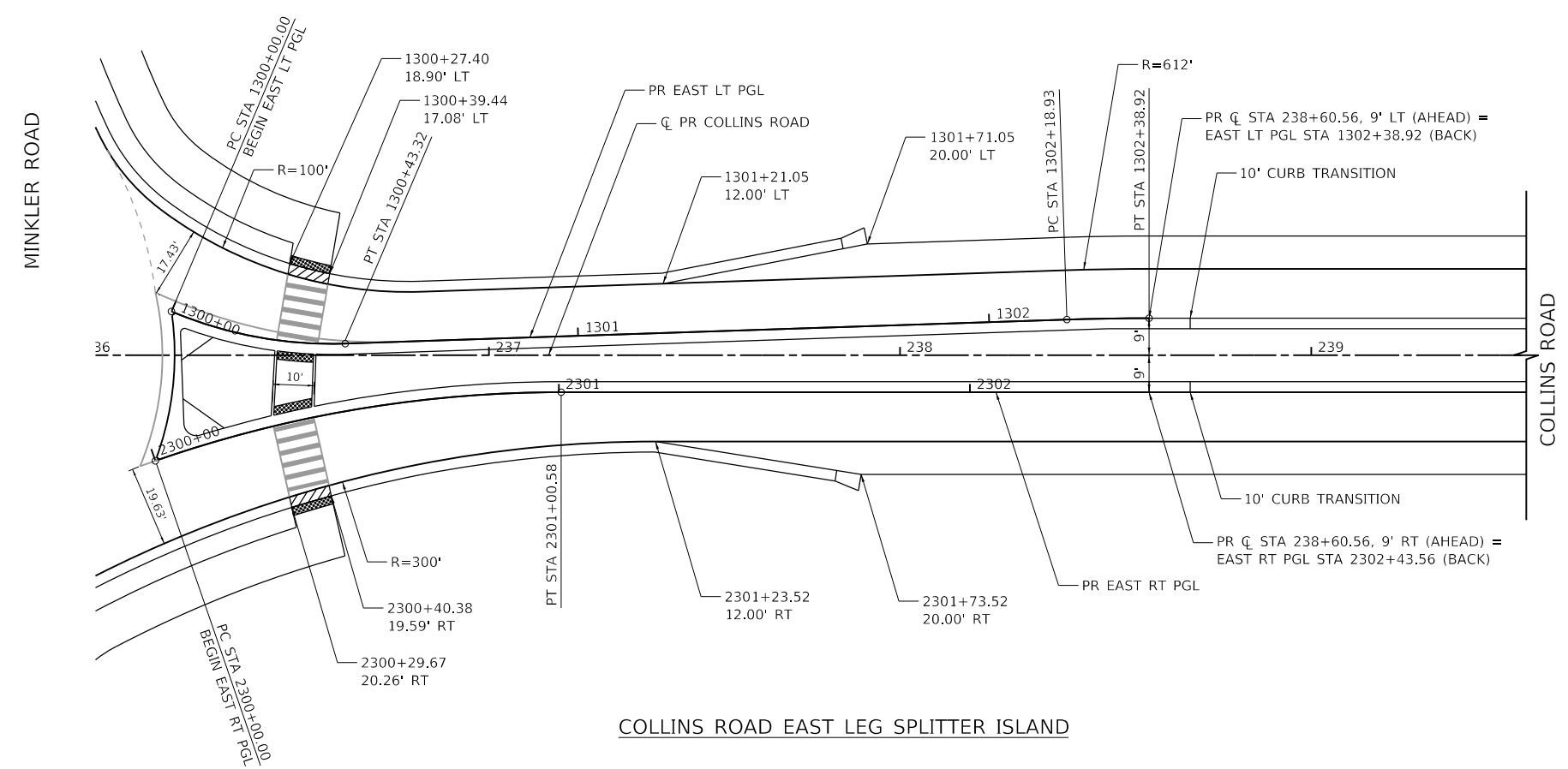
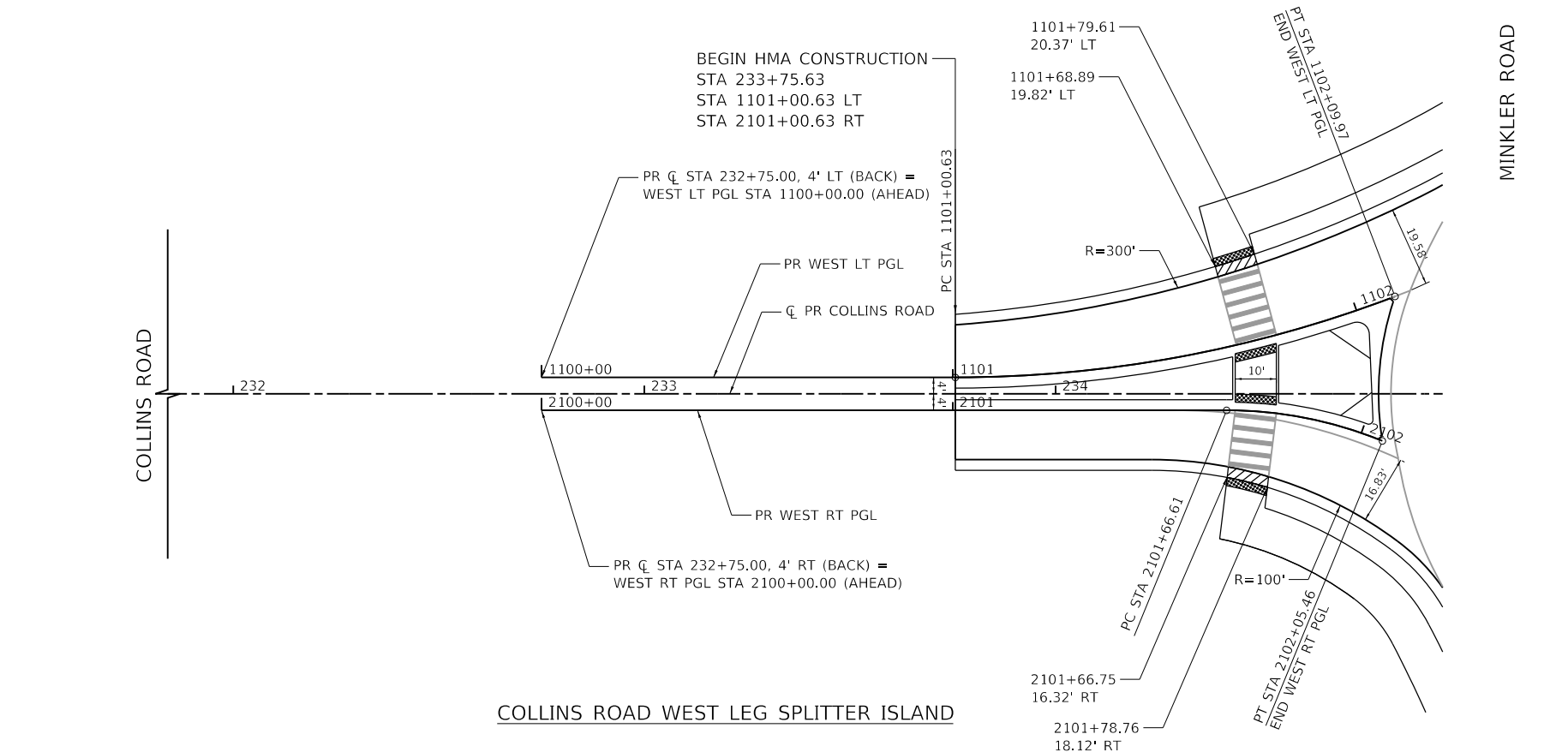


USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SPLITTER ISLAND DETAILS	
COLLINS ROAD AT MINKLER ROAD	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

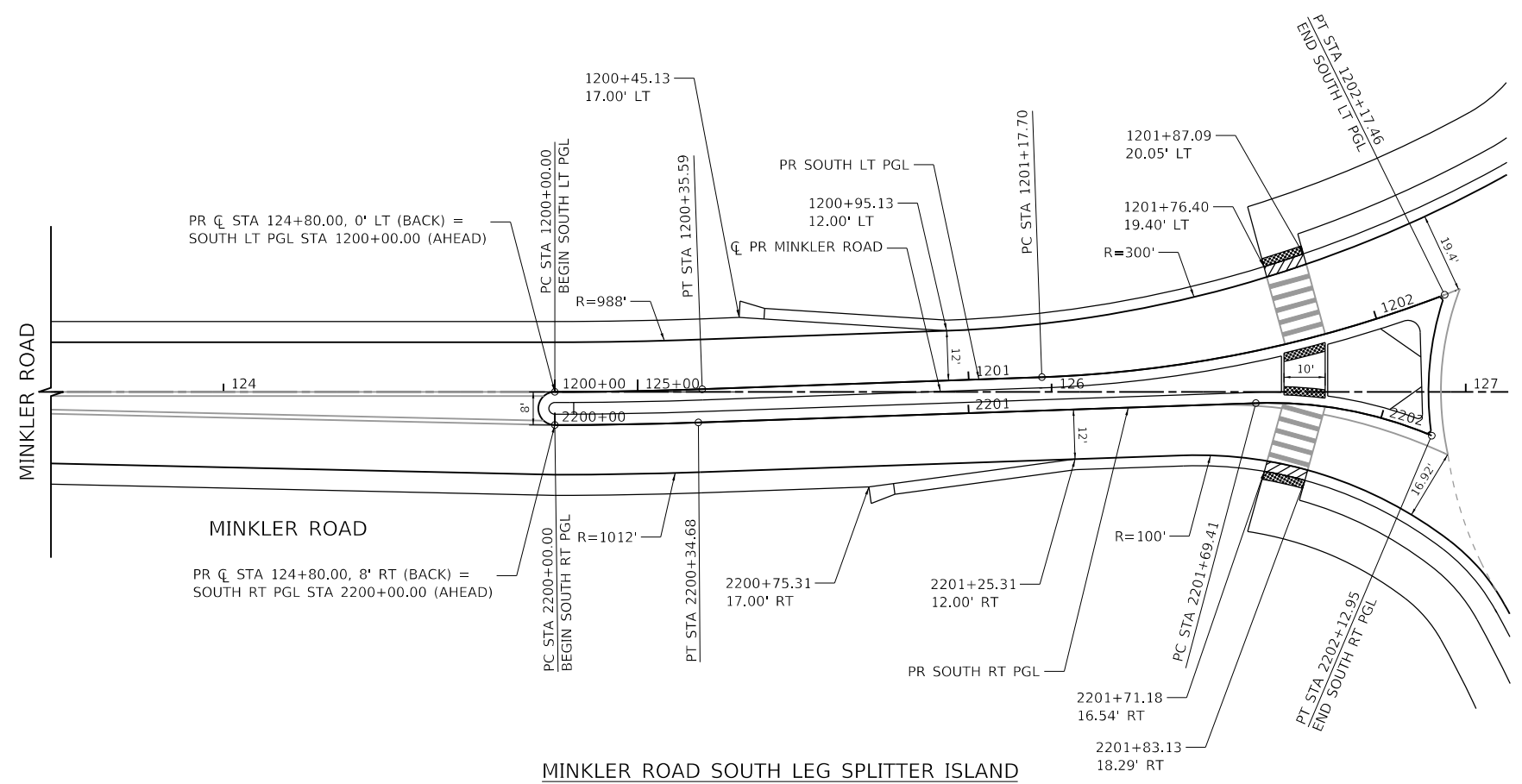
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	66
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



LEGEND

	INDICATES AREAS WHERE MEDIAN COMB CC&G IS REVERSE PITCHED
	PROPOSED DEPRESSED CURB
	PROPOSED DETECTABLE WARNINGS
	LIMITS OF TYPE M-4 CURB AND GUTTER

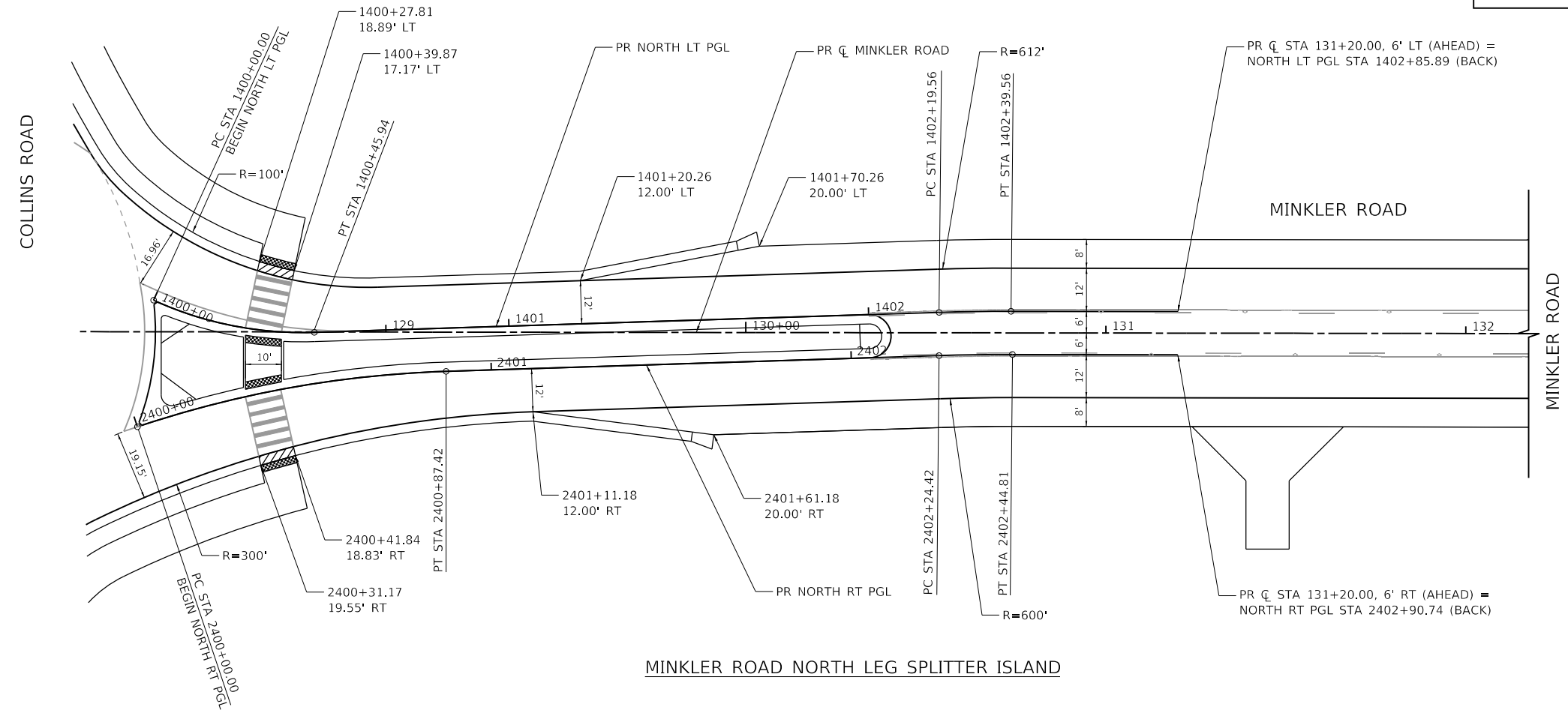




MINKLER ROAD SOUTH LEG SPLITTER ISLAND

LEGEND

- INDICATES AREAS WHERE MEDIAN COMB CC&G IS REVERSE PITCHED
- PROPOSED DEPRESSED CURB
- PROPOSED DETECTABLE WARNINGS
- LIMITS OF TYPE M-4 CURB AND GUTTER



MINKLER ROAD NORTH LEG SPLITTER ISLAND



HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_19162.dwg
 PEN TABLE: 19162.tbl

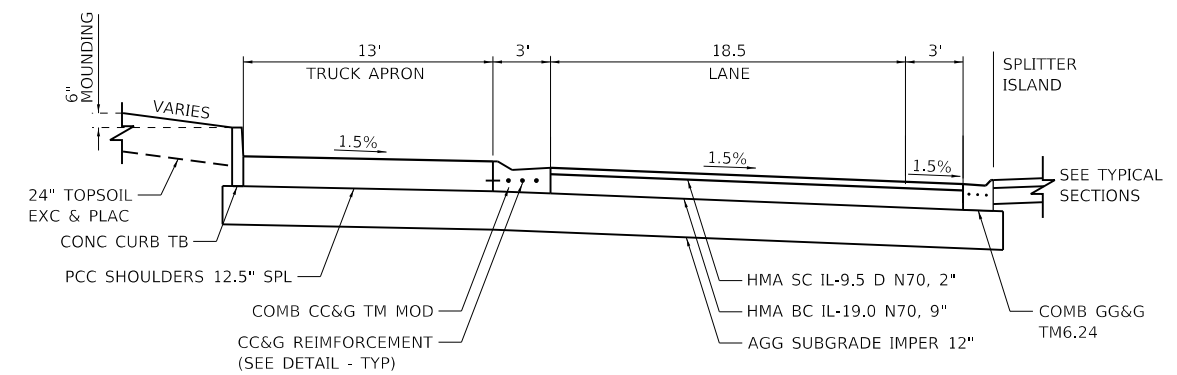


USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - AJM	REVISED -
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	DATE - 10/21/2022	REVISED -

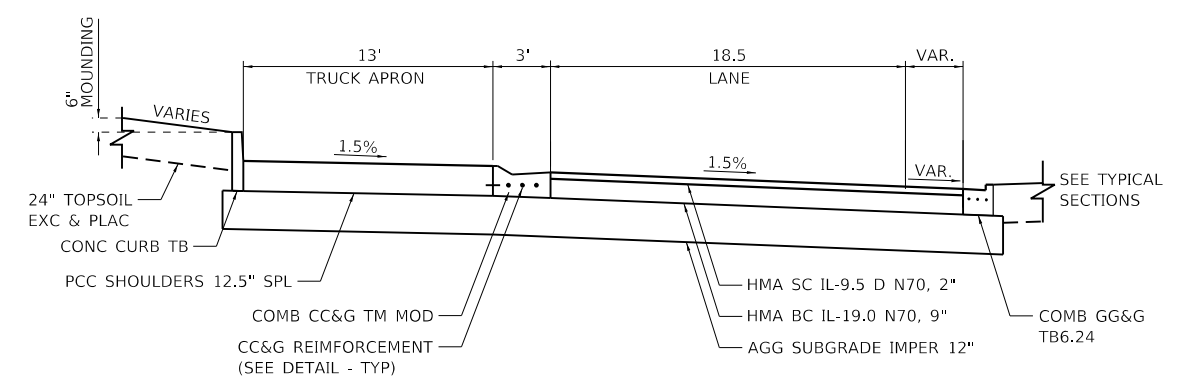
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPLITTER ISLAND DETAILS			
COLLINS ROAD AT MINKLER ROAD			
SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.

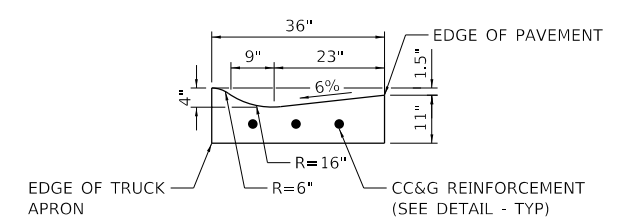
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	67
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



SECTION A-A



SECTION B-B

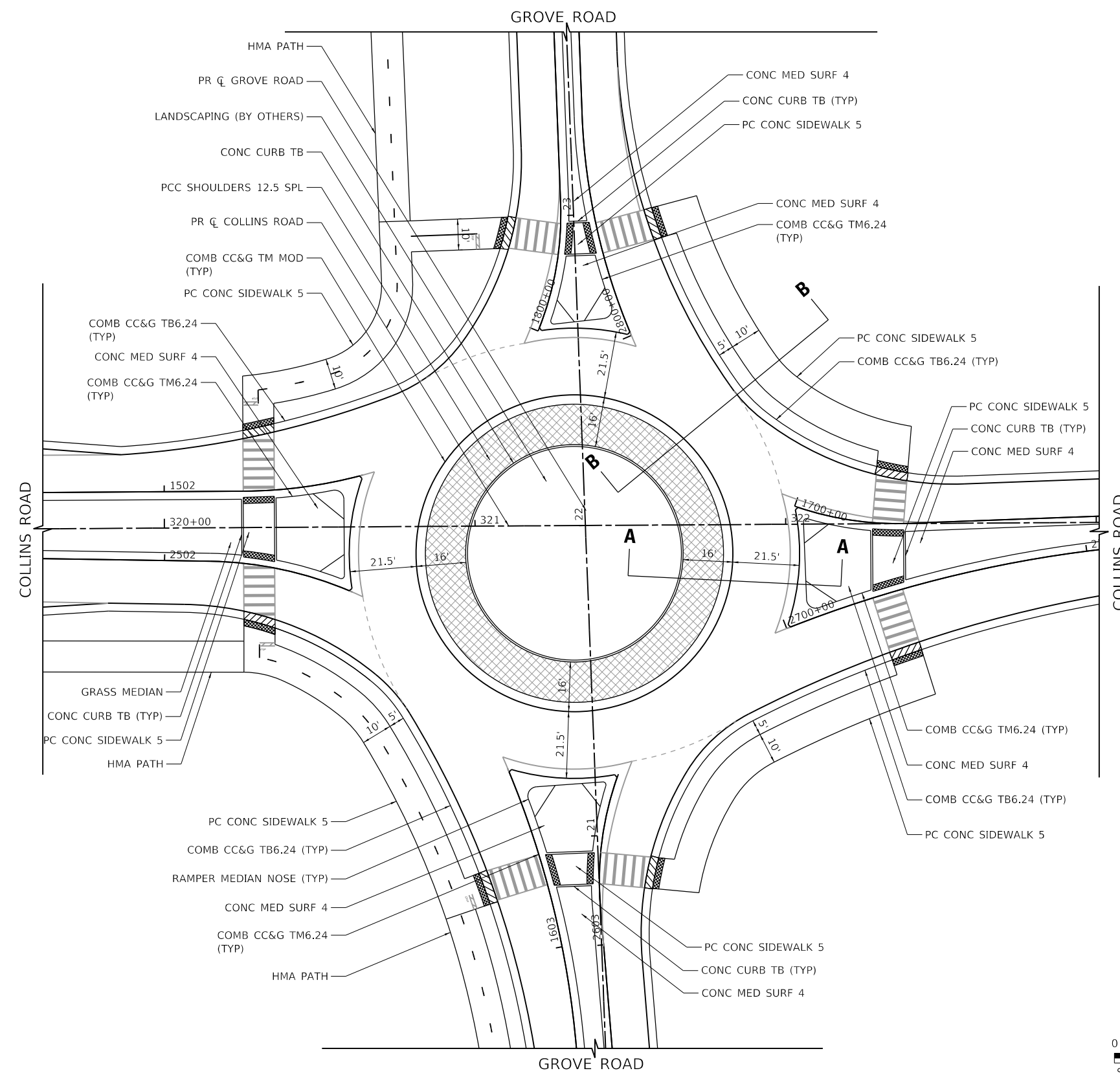
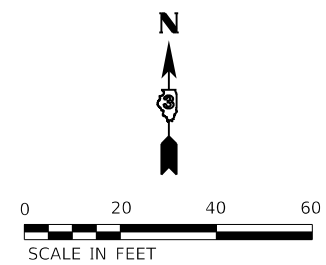


COMBINATION CONCRETE CURB AND GUTTER, TYPE M (MODIFIED)

- NOTES:
- SEE ROADWAY LAYOUT DETAILS FOR LAYOUT OF CIRCULATING ROADWAY, APPROACH ROADWAYS, AND ISLANDS.

LEGEND

	INDICATES AREAS WHERE MEDIAN COMB CC&G IS REVERSE PITCHED
	PROPOSED DEPRESSED CURB
	PROPOSED DETECTABLE WARNINGS
	LIMITS OF TYPE M-4 CURB AND GUTTER



HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162.dwg
 PEN TABLE: 19162.tbl



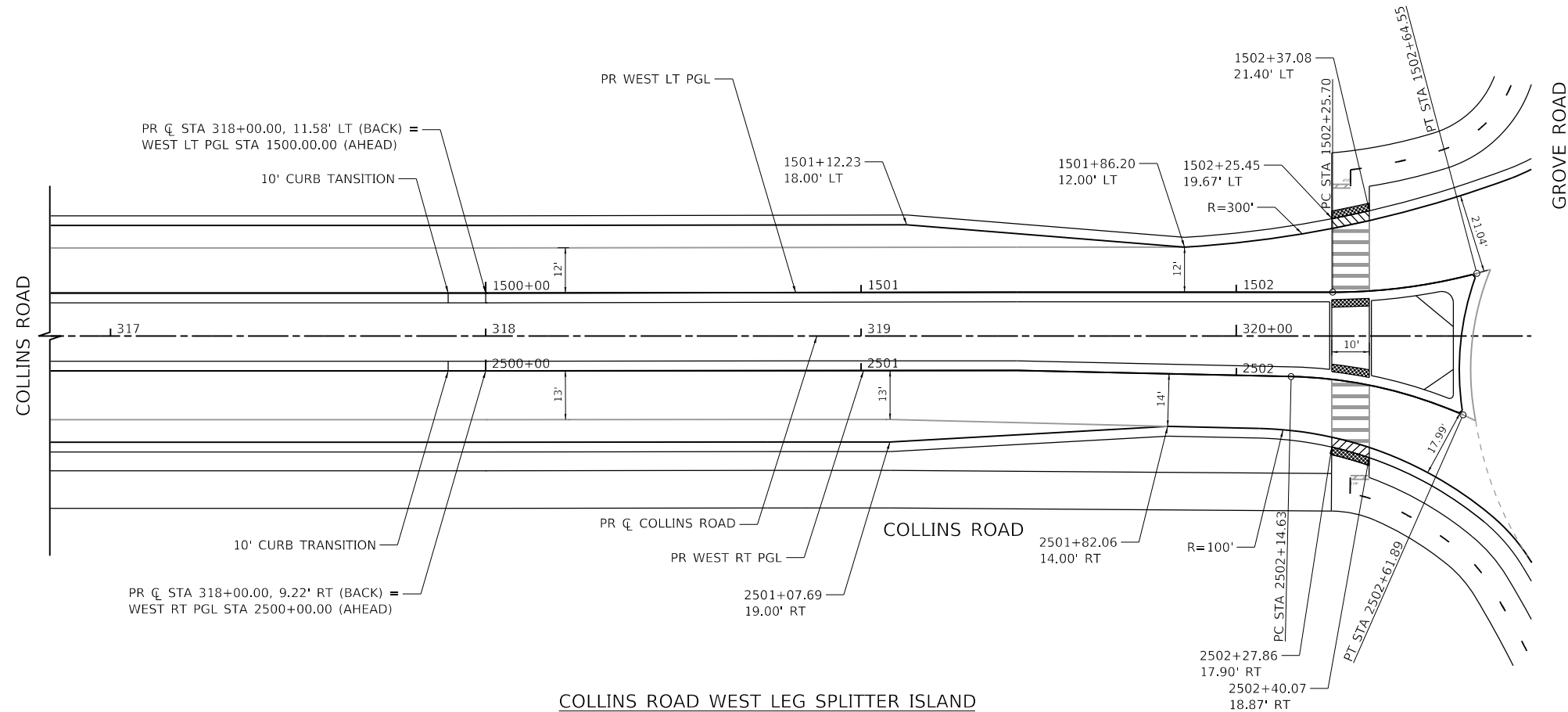
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**STATE OF ILLINOIS
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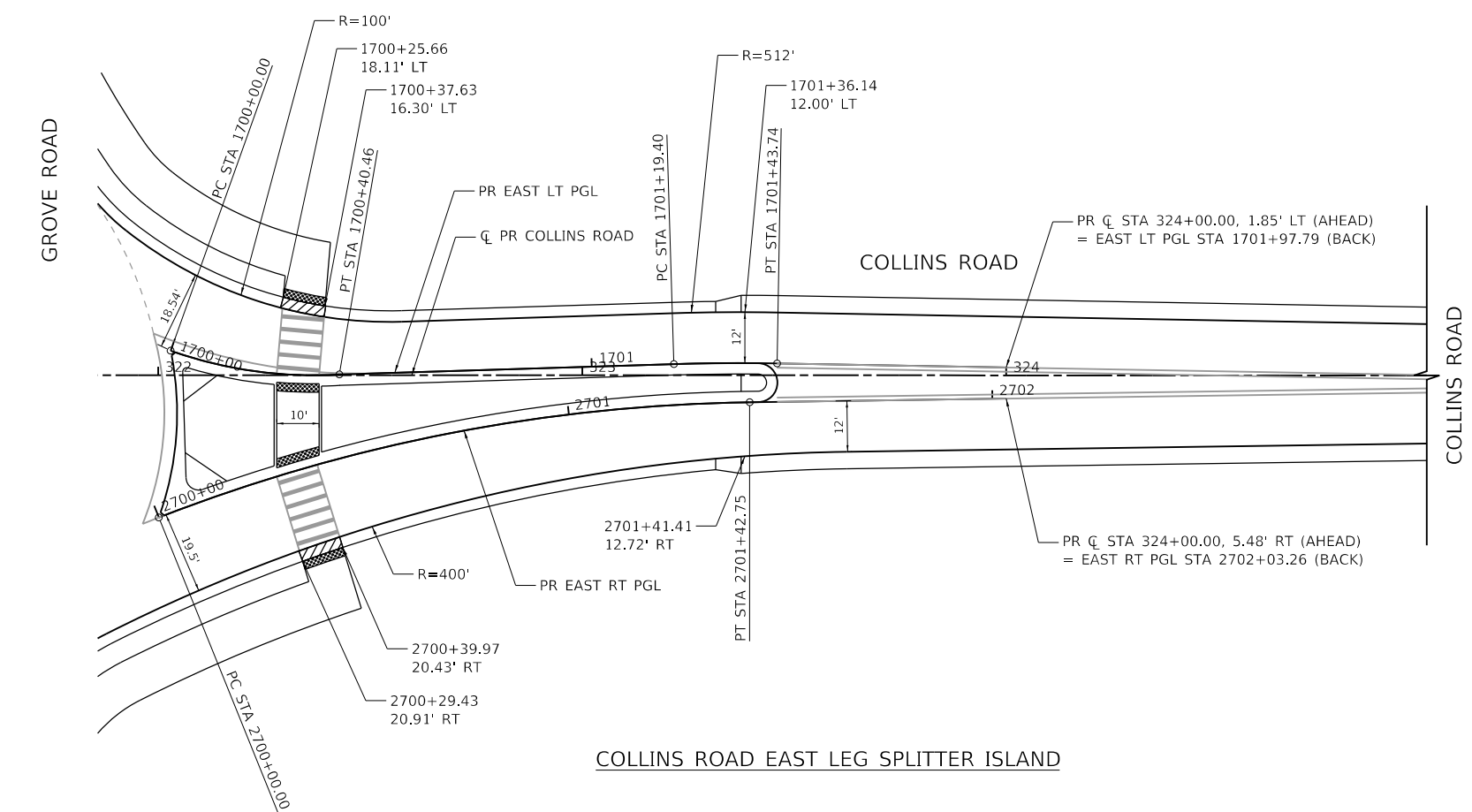
**CIRCULATING ROADWAY DETAILS
COLLINS ROAD AT GROVE ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	68
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	



COLLINS ROAD WEST LEG SPLITTER ISLAND



COLLINS ROAD EAST LEG SPLITTER ISLAND

LEGEND

- INDICATES AREAS WHERE MEDIAN COMB CC&G IS REVERSE PITCHED
- PROPOSED DEPRESSED CURB
- PROPOSED DETECTABLE WARNINGS
- LIMITS OF TYPE M-4 CURB AND GUTTER



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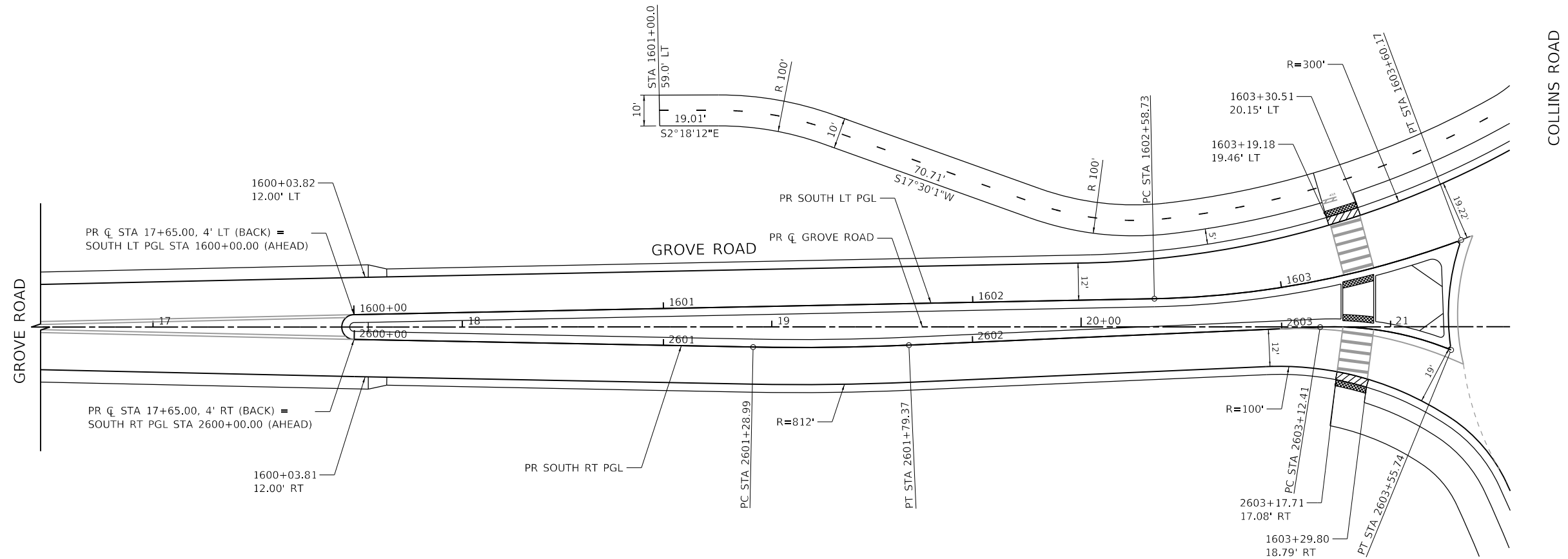


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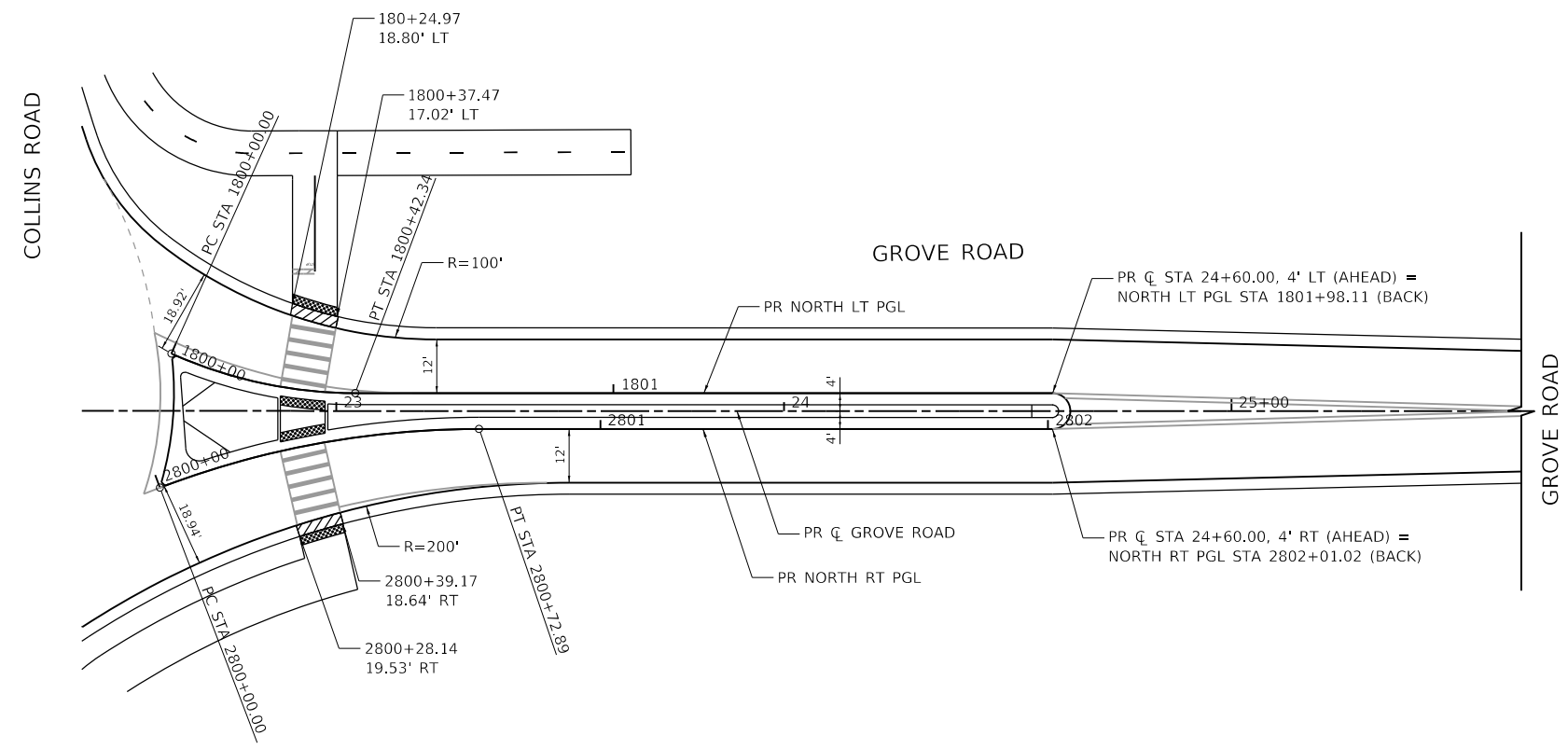
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SPLITTER ISLAND DETAILS	
COLLINS ROAD AT GROVE ROAD	
SCALE:	SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	69
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



GROVE ROAD SOUTH LEG SPLITTER ISLAND



GROVE ROAD NORTH LEG SPLITTER ISLAND

LEGEND

- INDICATES AREAS WHERE MEDIAN COMB CC&G IS REVERSE PITCHED
- PROPOSED DEPRESSED CURB
- PROPOSED DETECTABLE WARNINGS
- LIMITS OF TYPE M-4 CURB AND GUTTER



HRG PROJECT NO.: 19162
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PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SPLITTER ISLAND DETAILS COLLINS ROAD AT GROVE ROAD			
SCALE:	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	70
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. THE SUGGESTED SEQUENCE OF OPERATIONS AND CONSTRUCTION STAGING DOES NOT, NOR IS IT INTENDED TO, DEPICT ALL OF THE WORK REQUIRED BY THE CONTRACTOR FOR STAGING OPERATIONS THROUGHOUT THE CONTRACT. THE SUGGESTED SEQUENCE OF CONSTRUCTION IS PROVIDED AS A GUIDE FOR THE CONTRACTOR'S USE TO ESTABLISH THE NECESSARY GUIDELINES FOR EFFICIENT TRAFFIC OPERATION DURING THE DURATION OF THE CONTRACT.
2. THE TEMPORARY TRAFFIC CONTROL SHOWN ON THE PLANS IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED BY IDOT STANDARDS AND SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.
3. THE CONTRACTOR MAY DESIRE TO MAKE REVISIONS OR MODIFICATIONS TO THE SEQUENCE OF CONSTRUCTION OR THE MAINTENANCE OF TRAFFIC PLANS. ALL CHANGES MUST BE SUBMITTED IN WRITING TO THE ENGINEER FOR APPROVAL. REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OPERATIONS MAY REQUIRE ADDITIONAL TRAFFIC CONTROL TO BE INSTALLED OTHER THAN THOSE INDICATED IN THE PLANS. REVISIONS IN THE PHASING OF CONSTRUCTION OR MAINTENANCE OF TRAFFIC OPERATIONS REQUESTED BY THE CONTRACTOR REQUIRING ADDITIONAL SIGNING, BARRICADES, FLAGGING, OR OTHER TRAFFIC CONTROL DEVICES SHALL BE AT THE CONTRACTOR'S EXPENSE.
4. EXCAVATION FOR CONSTRUCTION ON BOTH SIDES OF THE PAVEMENT AT ONE TIME SHALL NOT BE PERMITTED IN ACCORDANCE WITH ARTICLE 701.08 OF THE STANDARD SPECIFICATIONS.
5. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER A MINIMUM OF 72 HOURS IN ADVANCE OF ANY CHANGE IN STAGING.
6. TEMPORARY TRAFFIC LANES SHALL BE A MINIMUM OF TEN (10) FEET IN WIDTH.
7. ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE BEFORE CONSTRUCTION IS STARTED. ALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL BE IN PLACE AT THE BEGINNING OF EACH STAGE, AND SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THAT STAGE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
8. ALL TRAFFIC CONTROL WARNING SIGNS AND ASSOCIATED SIGNING SHALL HAVE BLACK LEGENDS AND BOARDERS ON FLUORESCENT ORANGE REFLECTIVE SHEETING.
9. TRAFFIC CONTROL DEVICES SHALL BE REMOVED OR COVERED IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY OR APPLICABLE. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE DELINEATOR INSTALLED TO THE SATISFACTION OF THE ENGINEER.
10. ALL EXISTING SIGNS CONFLICTING WITH THE TRAFFIC CONTROL PLAN SHALL BE TEMPORARILY REMOVED OR COVERED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
11. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC SHALL BE REMOVED. MARKINGS BEYOND THE LIMITS OF CONSTRUCTION SHALL BE REMOVED VIA WATER-BLASTING. MARKINGS REMOVED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED WITH GRINDING METHODS.
12. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ENTRANCES AND APPROACHES AT ALL TIMES AS INDICATED IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING CONSTRUCTION ACCESS POINTS. THE PROPOSED LOCATIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDED ADEQUATE POSITIVE DRAINAGE DURING CONSTRUCTION. THIS WORK SHALL BE IN ACCORDANCE WITH ARTICLE 202.05 OF THE STANDARD SPECIFICATIONS.
15. THE CONTRACTOR SHALL CONSTRUCT ALL SUBSURFACE UTILITY STRUCTURES (DRAINAGE, SANITARY, WATER MAIN, ETC.) WITHIN THE CLEAR ZONE AND LEFT IN A TEMPORARY CONDITION SO AS NOT TO PRESENT A POINT HAZARD FOR OFF-THE-ROAD VEHICLES DURING SUBSEQUENT STAGES OF CONSTRUCTION.
16. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUESTS MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO (2) HOURS FROM NOTIFICATION.
17. DRUMS, BARRICADES, AND VERTICAL PANELS SHALL BE SPACED 50' C-C IN TANGENT SECTIONS, 20' C-C ON TAPERS, AND 10' C-C ALONG RADII AT A MINIMUM AND AS DIRECTED BY THE ENGINEER.
18. THE CONTRACTOR IS ADVISED THAT BLUE HERON DRIVE IS THE ONLY ACCESS POINT FOR THE DEERPATH CREEK SUBDIVISION. ACCESS TO THE SUBDIVISION SHALL BE MAINTAINED AT ALL TIMES.

SUGGESTED SEQUENCE OF CONSTRUCTION

STAGE I

COLLINS ROAD AT GROVE ROAD:

1. SETUP THE DETOUR ROUTE FOR GROVE ROAD AND COLLINS ROAD.
2. CLOSE THE SOUTH AND EAST LEGS OF THE INTERSECTION WITH GROVE ROAD.
3. SHIFT TRAFFIC ON THE WEST LEG OF THE INTERSECTION TO HAVE TWO-WAY TRAFFIC ON THE EXISTING WESTBOUND LANE TO ACCESS BLUE HERON DRIVE.
4. CONSTRUCT THE SOUTHERN PORTION OF COLLINS ROAD EAST OF BLUE HERON DRIVE.
5. CONSTRUCT THE NEW COLLINS ROAD BETWEEN MINKLER ROAD AND BLUE HERON DRIVE.
6. CONSTRUCT GROVE ROAD SOUTH OF COLLINS ROAD.
7. INSTALL TEMPORARY AND PERMANENT LANDSCAPING SOIL EROSION AND SEDIMENT CONTROL MEASURES.

MINKLER ROAD:

1. CONSTRUCT TEMPORARY PAVEMENT WIDENING.
2. SHIFT TRAFFIC TO WEST ONTO TEMPORARY PAVEMENT. MAINTAIN TWO-WAY TRAFFIC ON MINKLER ROAD.
3. CONSTRUCT THE EASTERN PORTION OF MINKLER ROAD.
4. INSTALL TEMPORARY AND PERMANENT LANDSCAPING SOIL EROSION AND SEDIMENT CONTROL MEASURES.

STAGE II

COLLINS ROAD AT GROVE ROAD:

1. UPDATE DETOUR ROUTE SIGNAGE FOR COLLINS ROAD AND GROVE ROAD.
2. CLOSE NORTHBOUND TRAFFIC ON GROVE ROAD NORTH OF COLLINS ROAD.
3. OPEN COLLINS ROAD EAST OF GROVE ROAD TO EASTBOUND TRAFFIC ONLY.
4. REOPEN DIVIDED TWO-WAY TRAFFIC ON COLLINS ROAD BETWEEN BLUE HERON DRIVE AND GROVE ROAD.
5. CONTINUE CONSTRUCTION OF NEW COLLINS ROAD BETWEEN MINKLER ROAD AND BLUE HERON DRIVE.
6. CONTINUE CONSTRUCTION OF GROVE ROAD SOUTH OF COLLINS ROAD.
7. CONSTRUCT THE NORTHEAST INTERSECTION AND ROADWAY IMPROVEMENT OF COLLINS ROAD AT GROVE ROAD.
8. INSTALL TEMPORARY AND PERMANENT LANDSCAPING SOIL EROSION AND SEDIMENT CONTROL MEASURES.

MINKLER ROAD:

1. SETUP THE DETOUR ROUTE FOR MINKLER ROAD.
2. SHIFT NORTHBOUND TRAFFIC ONTO PAVEMENT CONSTRUCTED IN STAGE I AND DETOUR SOUTHBOUND TRAFFIC.
3. CONSTRUCT THE WESTERN PORTION OF MINKLER ROAD.
4. INSTALL TEMPORARY AND PERMANENT LANDSCAPING SOIL EROSION AND SEDIMENT CONTROL MEASURES.

STAGE III

COLLINS ROAD AT GROVE ROAD:

1. UPDATE DETOUR ROUTE SIGNAGE FOR COLLINS ROAD AND GROVE ROAD.
2. OPEN EASTBOUND COLLINS ROAD BETWEEN MINKLER ROAD AND GROVE ROAD. NO WESTBOUND TRAFFIC IN THIS AREA.
3. CLOSE SOUTHBOUND TRAFFIC ON GROVE ROAD NORTH OF COLLINS ROAD.
4. MAINTAIN ONE-WAY EASTBOUND TRAFFIC ON COLLINS ROAD EAST OF GROVE ROAD.
5. CONSTRUCT THE NORTHWEST INTERSECTION AND ROADWAY IMPROVEMENT OF COLLINS ROAD AT GROVE ROAD.
6. CONSTRUCT THE NORTHERN PORTION OF COLLINS ROAD BETWEEN BLUE HERON DRIVE AND THE EASTERN PROJECT LIMITS.
7. CONTINUE CONSTRUCTION OF GROVE ROAD SOUTH OF COLLINS ROAD.
8. INSTALL TEMPORARY AND PERMANENT LANDSCAPING SOIL EROSION AND SEDIMENT CONTROL MEASURES.

MINKLER ROAD:

1. REMOVE THE MINKLER ROAD DETOUR AND REOPEN MINKLER ROAD TO TWO WAY TRAFFIC.
2. INSTALL HMA SURFACE COURSE AND PERMANENT PAVEMENT MARKING USING APPLICABLE IDOT STANDARDS FOR MAINTENANCE OF TRAFFIC.
3. INSTALL REMAINING PERMANENT LANDSCAPING SOIL EROSION AND SEDIMENT CONTROL MEASURES.

STAGE IV

COLLINS ROAD AND GROVE ROAD:

1. OPEN ALL ROUTES TO TWO WAY TRAFFIC AND REMOVE THE DETOUR ROUTE.
2. INSTALL HMA SURFACE COURSE AND PERMANENT PAVEMENT MARKING USING APPLICABLE IDOT STANDARDS FOR MAINTENANCE OF TRAFFIC.
4. INSTALL REMAINING PERMANENT LANDSCAPING SOIL EROSION AND SEDIMENT CONTROL MEASURES.

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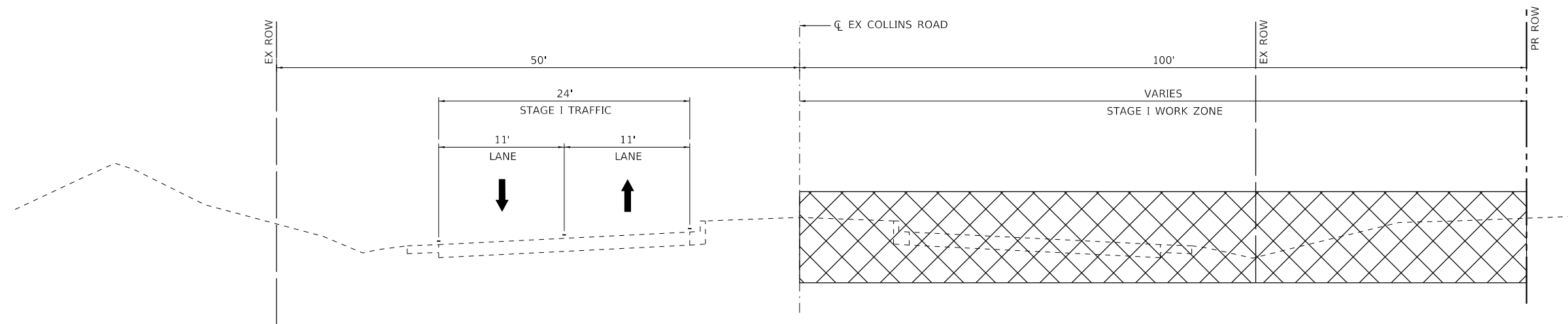
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 DEPARTMENT OF TRANSPORTATION**

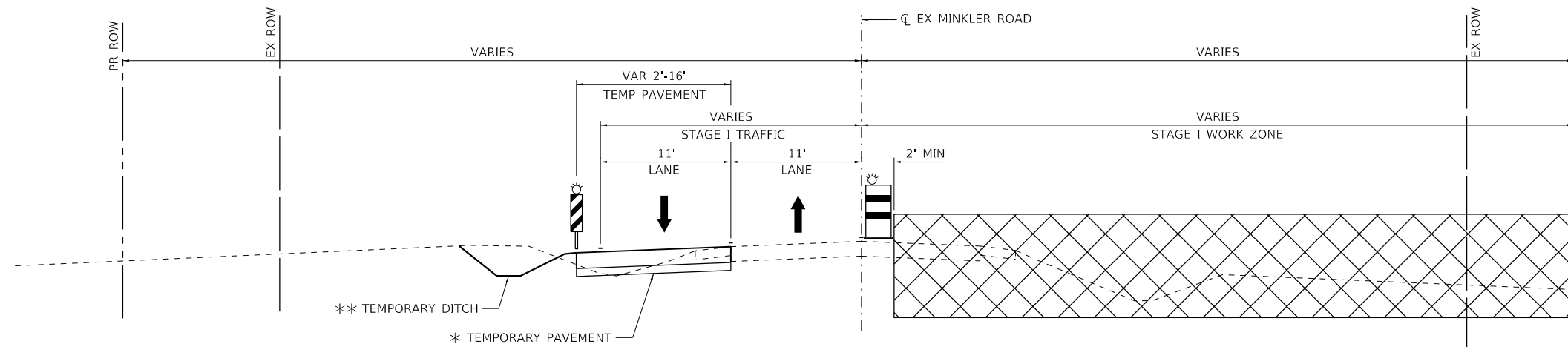
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 GENERAL NOTES**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	71
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	



**PROPOSED MAINTENANCE OF TRAFFIC
TYPICAL SECTION (STAGE I)
COLLINS ROAD**
STA 307+90 TO STA 326+50



**PROPOSED MAINTENANCE OF TRAFFIC
TYPICAL SECTION (STAGE I)
MINKLER ROAD**
STA 116+00 TO STA 139+00
STA 169+00 TO STA 174+00

TEMPORARY PAVEMENT REQUIRED

STA 116+40 TO STA 119+20
VARIES 2' TO 16'

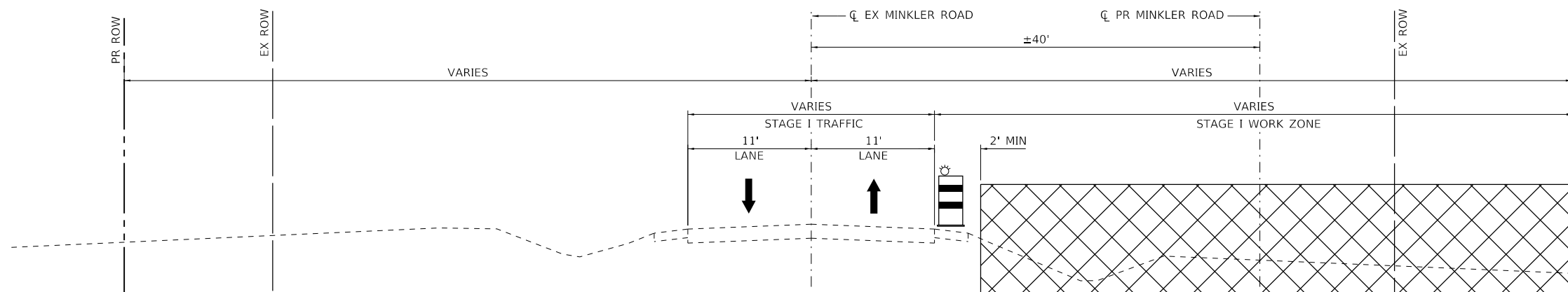
STA 169+60 TO STA 174+00
VARIES 2' TO 11'

*** TEMPORARY PAVEMENT STRUCTURE**

OPTION 1:
8" FULL DEPTH HMA PAVEMENT
8" HMA BINDER COURSE, IL-19.0, N50
4" SUBBASE GRANULAR MATERIAL, TYPE B

OPTION 2:
8" FULL DEPTH PCC PAVEMENT
8" TEMPORARY PCC PAVEMENT
4" SUBBASE GRANULAR MATERIAL, TYPE B

**** THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AS REQUIRED OR AS DIRECTED BY THE ENGINEER THROUGHOUT THE CONSTRUCTION ZONE FOR THE DURATION OF THE CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION (SPECIAL).**



**PROPOSED MAINTENANCE OF TRAFFIC
TYPICAL SECTION (STAGE I)
MINKLER ROAD**
STA 139+00 TO STA 169+00

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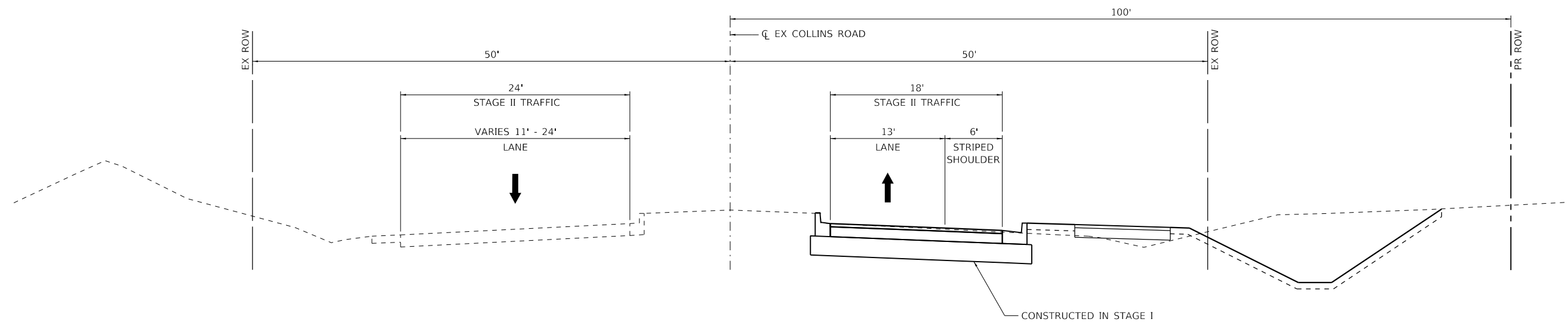
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DEPARTMENT OF TRANSPORTATION**

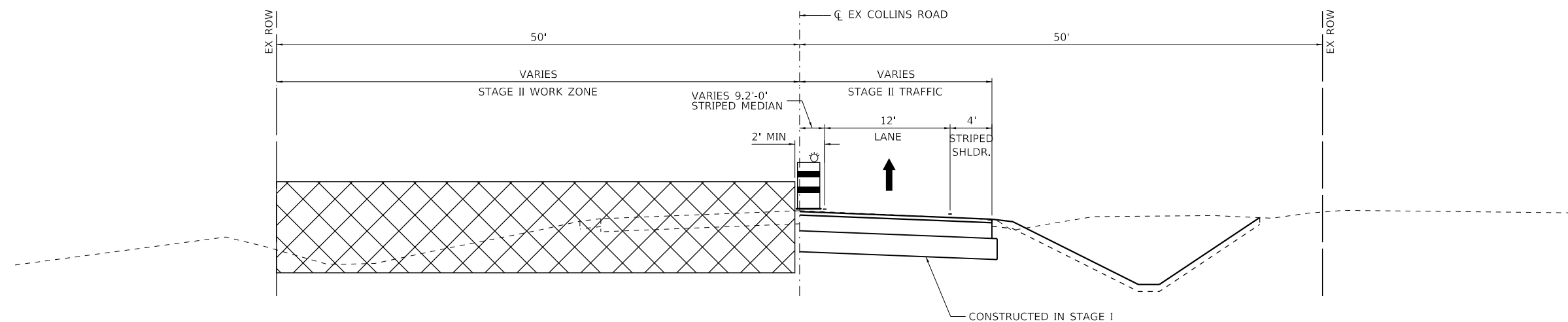
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STAGE I
TYPICAL SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	72
			CONTRACT NO. 87800	
ILLINOIS FED. AID PROJECT				



**PROPOSED MAINTENANCE OF TRAFFIC
TYPICAL SECTION (STAGE II)
COLLINS ROAD
STA 307+00 TO STA 321+50**



**PROPOSED MAINTENANCE OF TRAFFIC
TYPICAL SECTION (STAGE II)
COLLINS ROAD
STA 321+50 TO STA 326+50**

NOTE:
WESTBOUND COLLINS ROAD
CLOSED TO THRU TRAFFIC
(SEE DETOUR PLANS)

HRG PROJECT NO.: 19162
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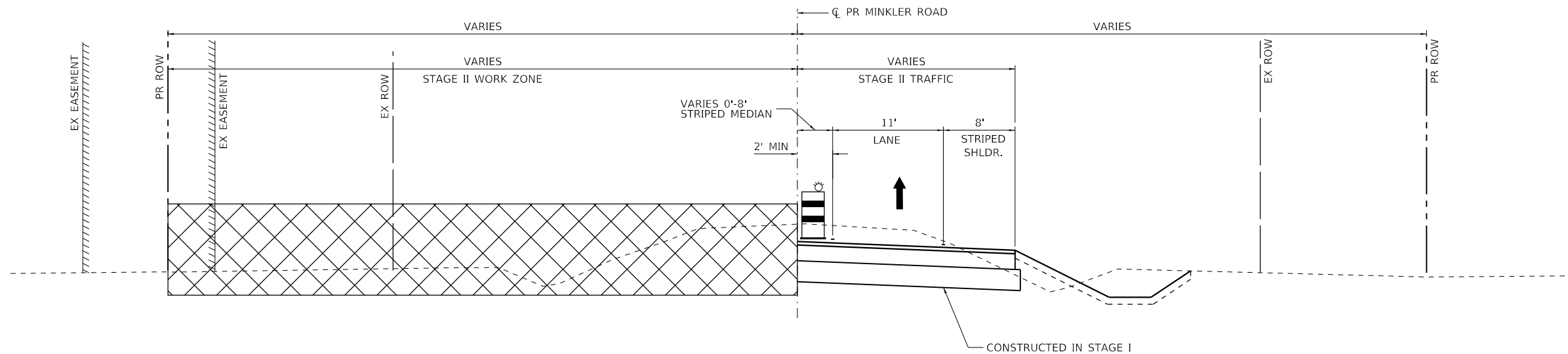
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PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
STAGE II
TYPICAL SECTIONS**

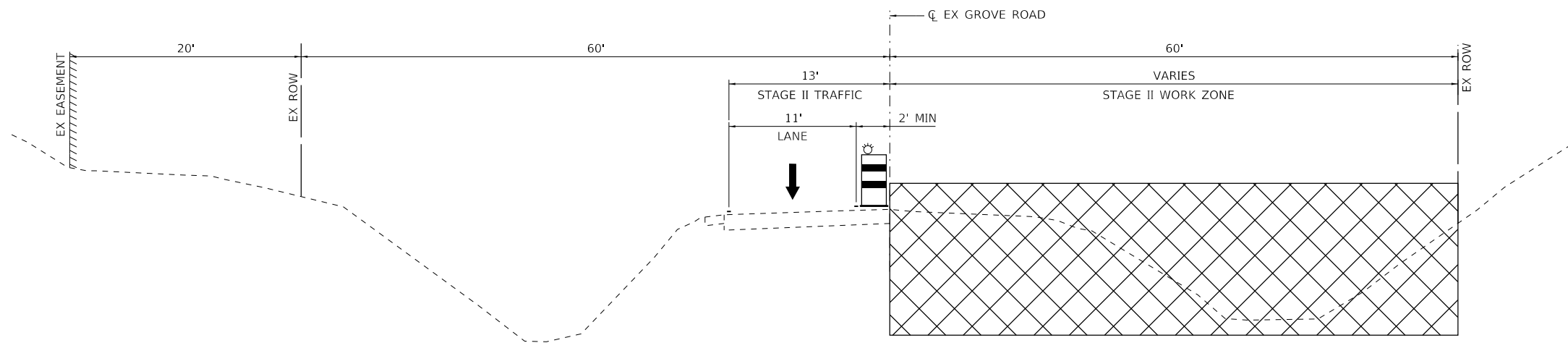
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	73
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



**PROPOSED MAINTENANCE OF TRAFFIC
TYPICAL SECTION (STAGE II)
MINKLER ROAD**
STA 116+00 TO STA 174+00

NOTE:
SOUTHBOUND MINKLER ROAD
CLOSED TO THRU TRAFFIC
(SEE DETOUR PLANS)



**PROPOSED MAINTENANCE OF TRAFFIC
TYPICAL SECTION (STAGE II)
GROVE ROAD**
STA 24+60.00 TO STA 26+45.00

NOTE:
NORTHBOUND GROVE ROAD
CLOSED TO THRU TRAFFIC
(SEE DETOUR PLANS)

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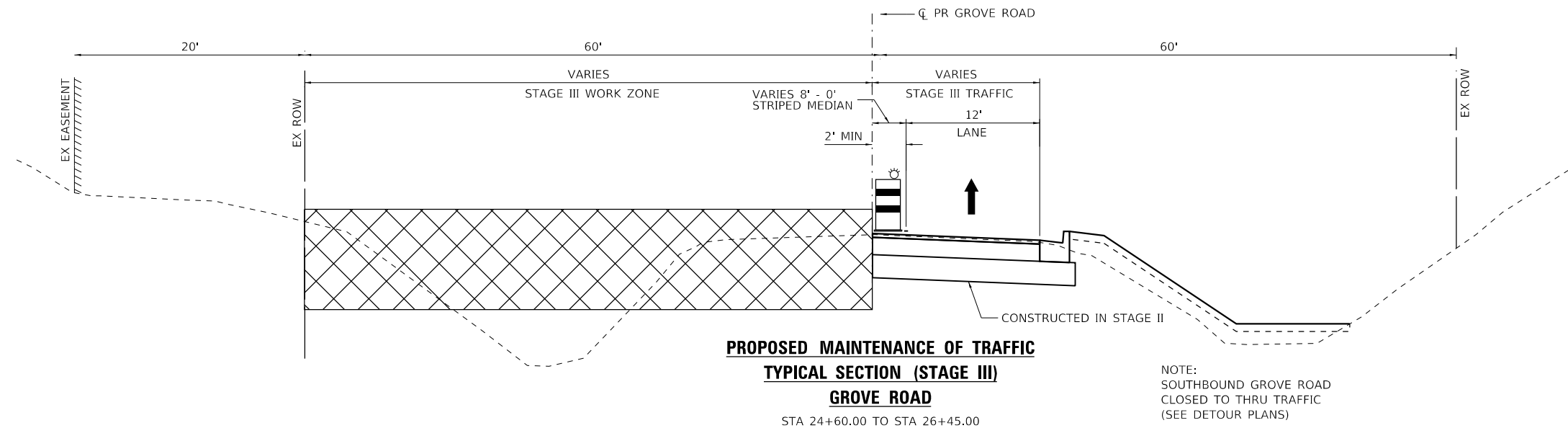
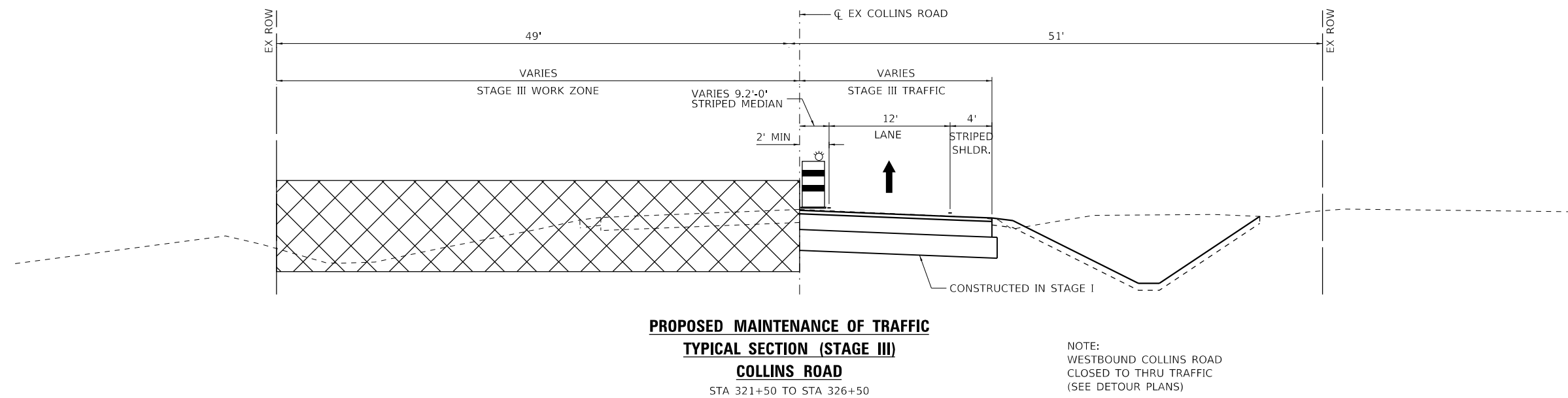
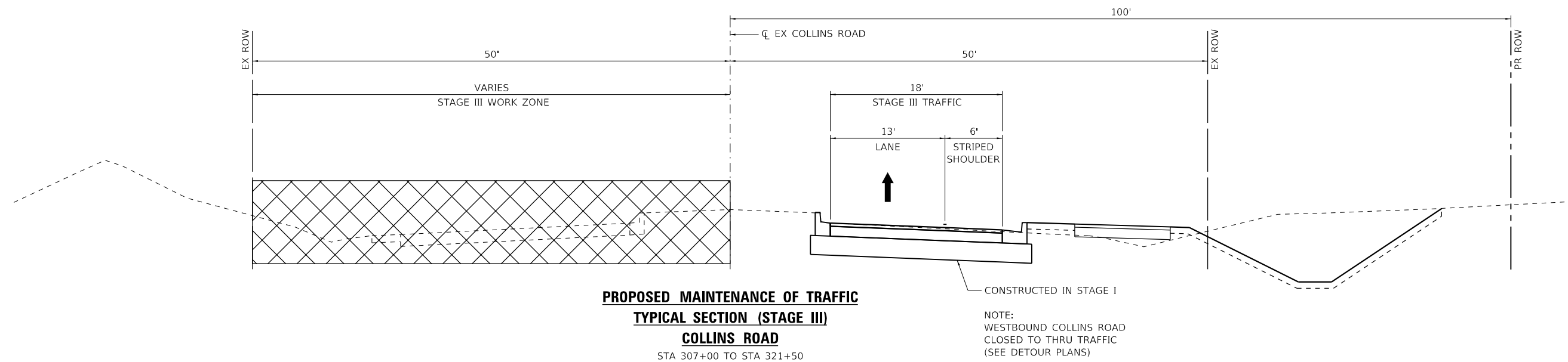
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
STAGE II
TYPICAL SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	74
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



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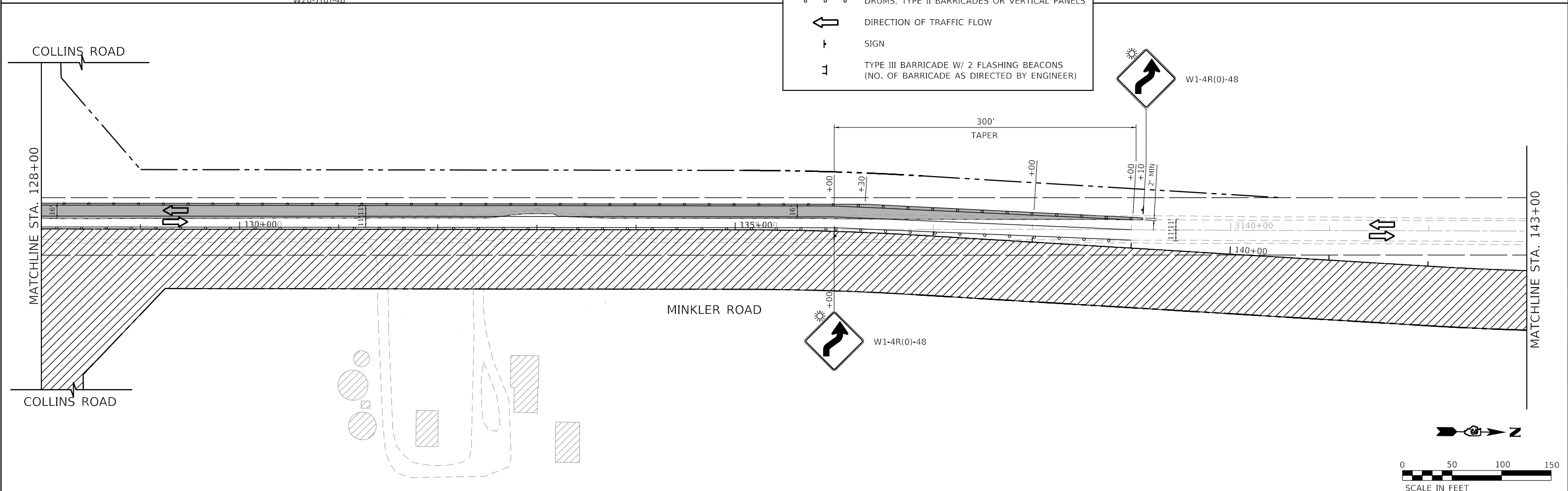
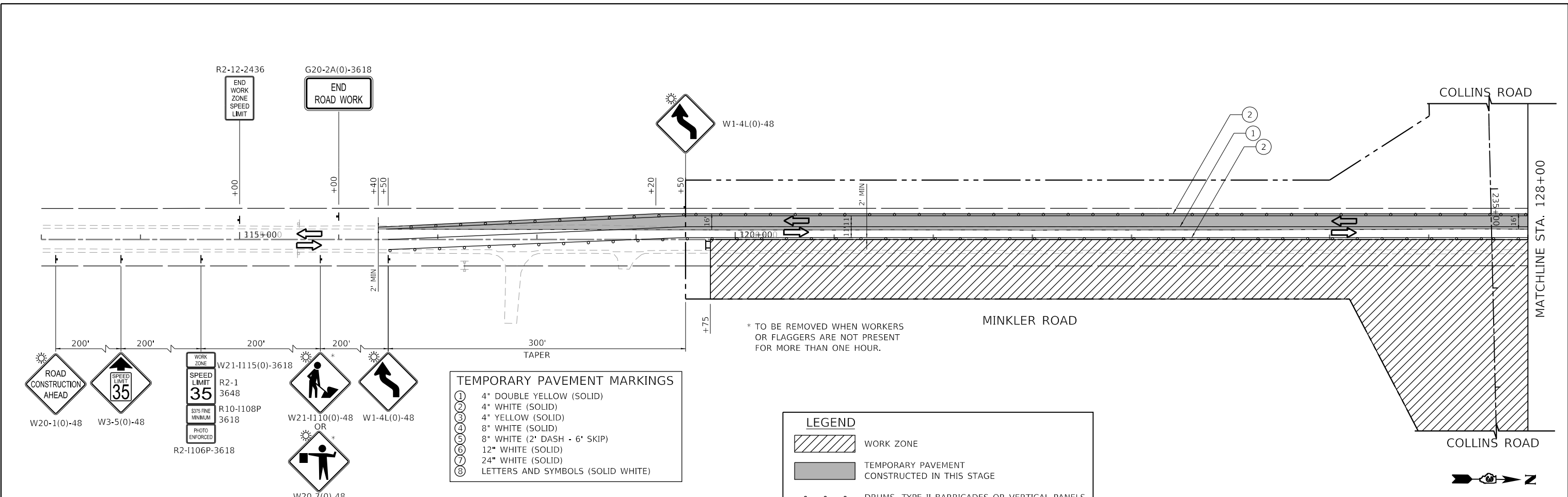
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC
STAGE III
TYPICAL SECTIONS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	75
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



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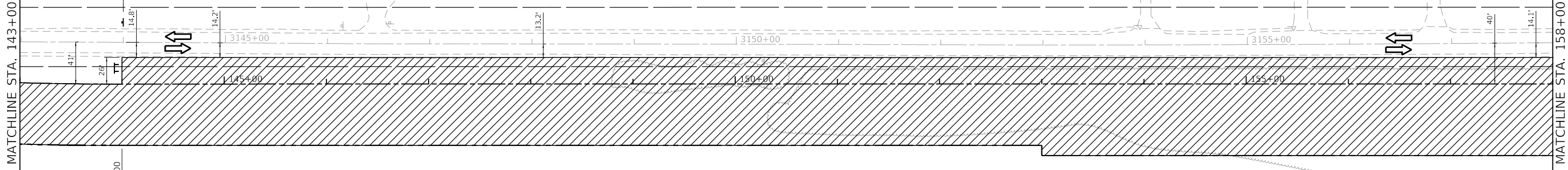
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC PLANS STAGE I MINKLER ROAD (1 OF 3)	
SCALE:	SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	76
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



W21-1110(0)-48 W20-7(0)-48



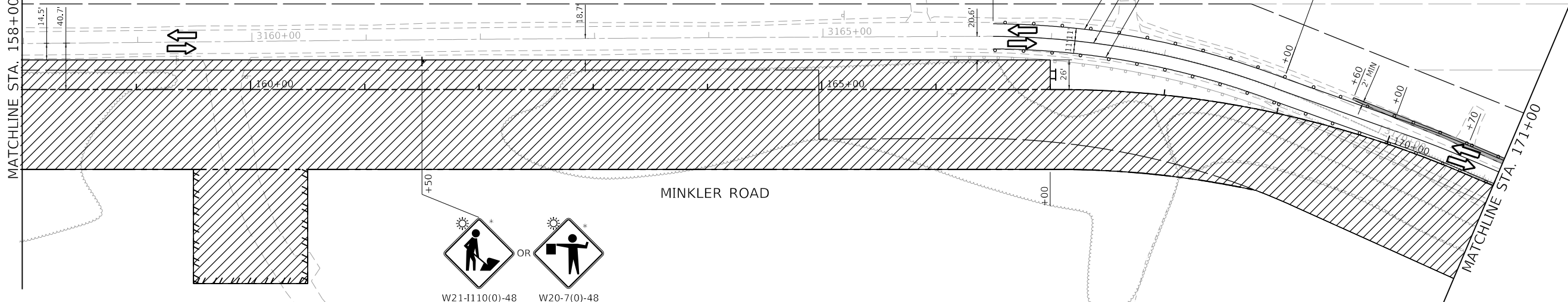
MINKLER ROAD

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED IN THIS STAGE
- DRUMS, TYPE II BARRICADES OR VERTICAL PANELS
- DIRECTION OF TRAFFIC FLOW
- SIGN
- TYPE III BARRICADE W/ 2 FLASHING BEACONS (NO. OF BARRICADE AS DIRECTED BY ENGINEER)

TEMPORARY PAVEMENT MARKINGS

- ① 4" DOUBLE YELLOW (SOLID)
- ② 4" WHITE (SOLID)
- ③ 4" YELLOW (SOLID)
- ④ 8" WHITE (SOLID)
- ⑤ 8" WHITE (2' DASH - 6' SKIP)
- ⑥ 12" WHITE (SOLID)
- ⑦ 24" WHITE (SOLID)
- ⑧ LETTERS AND SYMBOLS (SOLID WHITE)



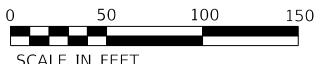
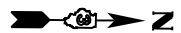
MINKLER ROAD

W21-1110(0)-48 W20-7(0)-48

WORK ZONE
SPEED LIMIT
35
\$375 FINE MINIMUM
PHOTO ENFORCED

W21-1115(0)-3618
R2-1-3648
R10-1108P-3618
R2-1106P-3618

* TO BE REMOVED WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162.mxd
 PEN TABLE: 19162.tbl



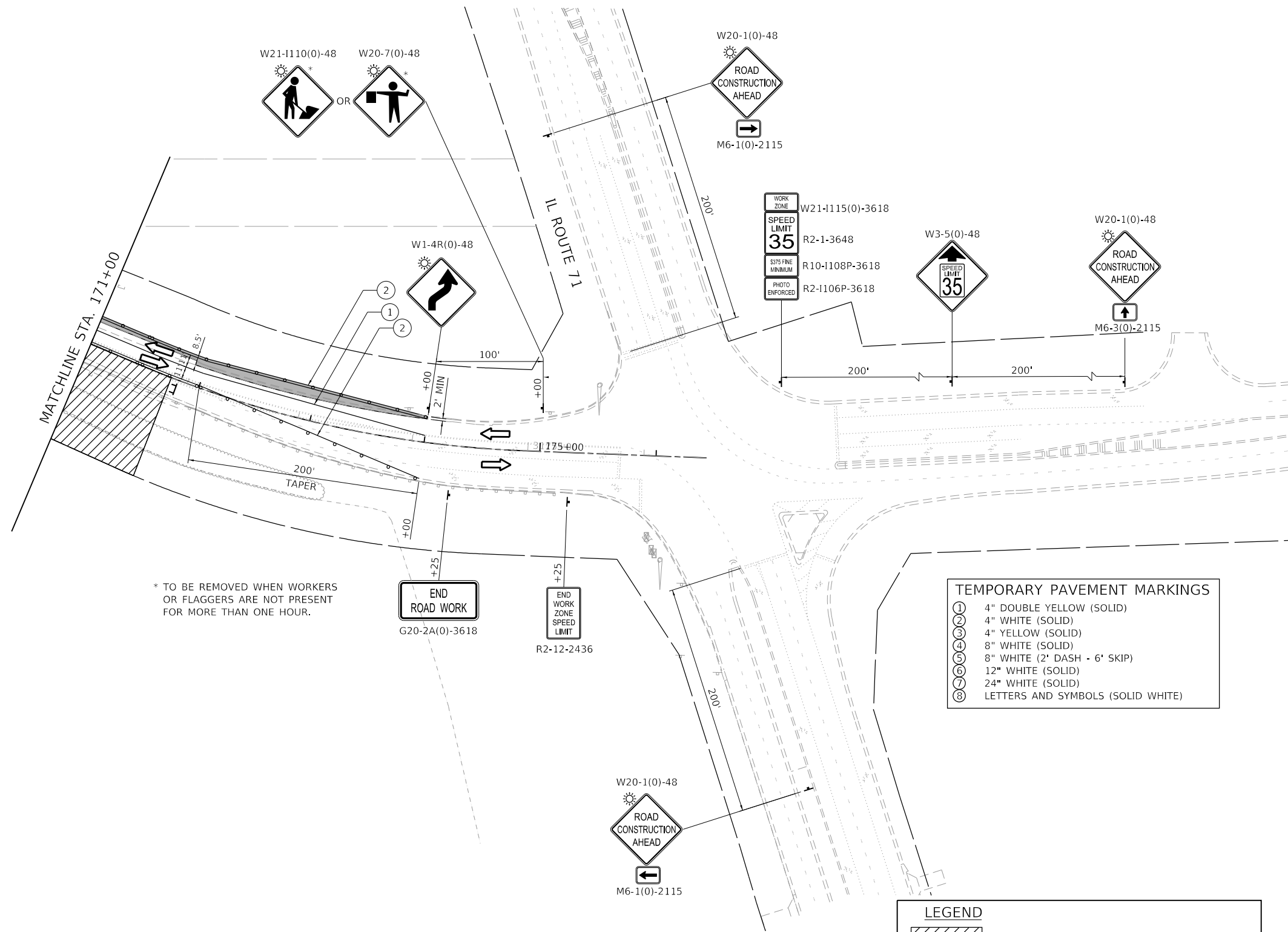
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PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
STAGE I
MINKLER ROAD (2 OF 3)**

SCALE: SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	77
ILLINOIS FED. AID PROJECT			CONTRACT NO. 87800	

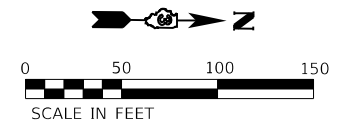


TEMPORARY PAVEMENT MARKINGS

①	4" DOUBLE YELLOW (SOLID)
②	4" WHITE (SOLID)
③	4" YELLOW (SOLID)
④	8" WHITE (SOLID)
⑤	8" WHITE (2' DASH - 6' SKIP)
⑥	12" WHITE (SOLID)
⑦	24" WHITE (SOLID)
⑧	LETTERS AND SYMBOLS (SOLID WHITE)

LEGEND

	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTED IN THIS STAGE
	DRUMS, TYPE II BARRICADES OR VERTICAL PANELS
	DIRECTION OF TRAFFIC FLOW
	SIGN
	TYPE III BARRICADE W/ 2 FLASHING BEACONS (NO. OF BARRICADE AS DIRECTED BY ENGINEER)



HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.mxd
 PEN TABLE: 19162.tbl



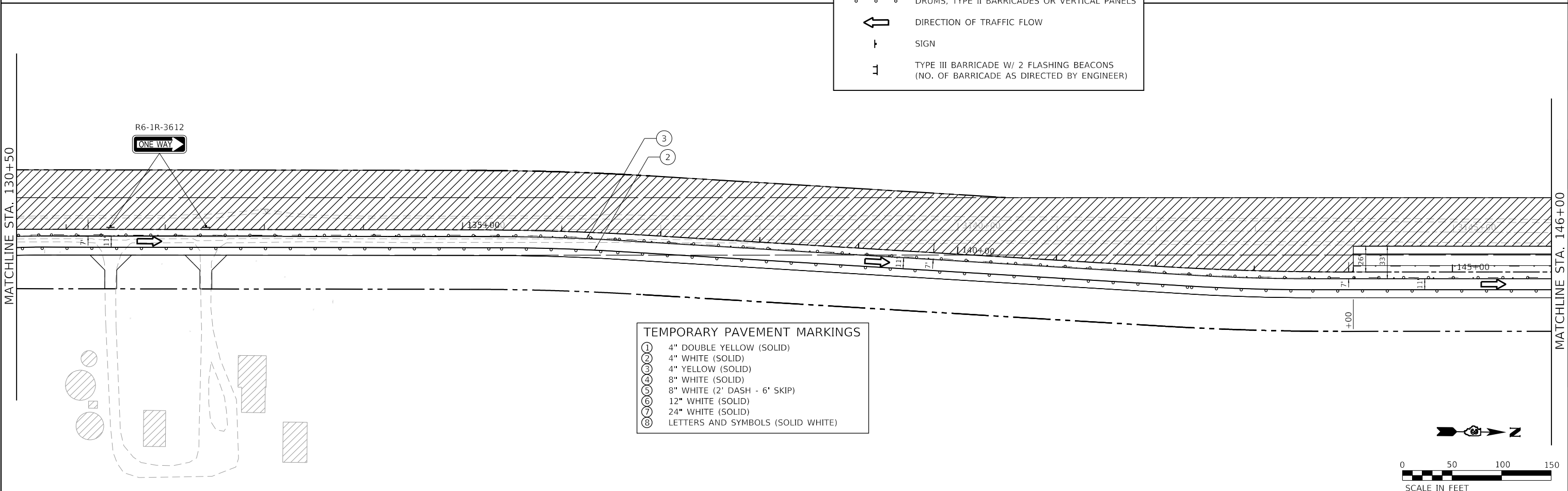
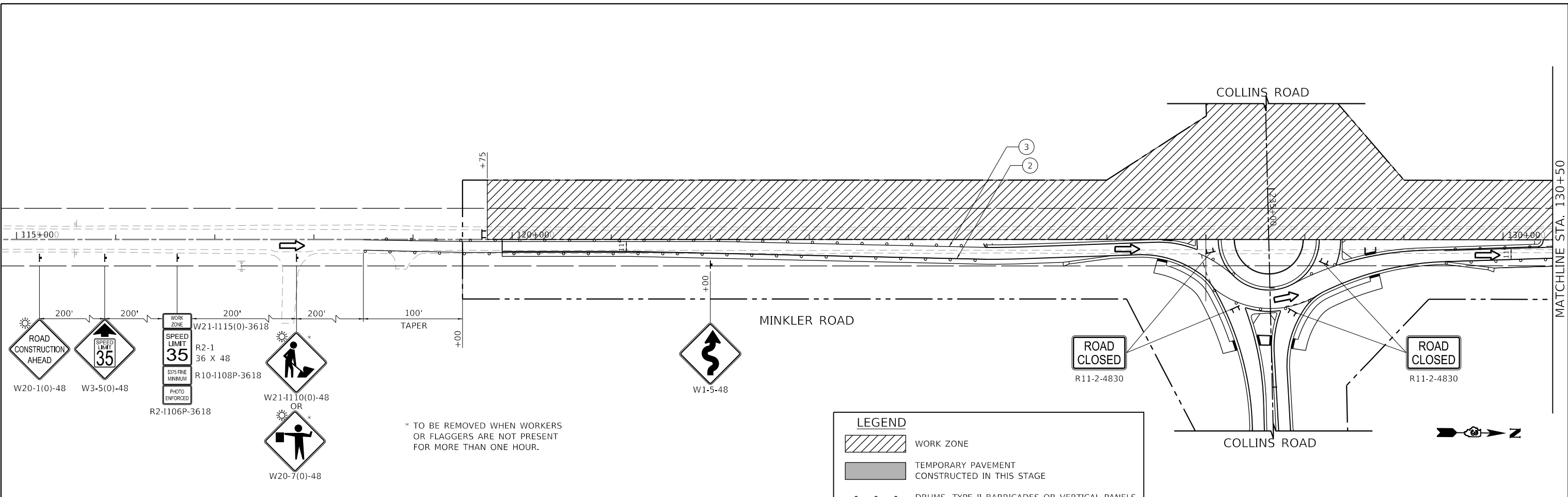
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	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
STAGE I
MINKLER ROAD (3 OF 3)**

SCALE: SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	78
				CONTRACT NO. 87800
ILLINOIS FED. AID PROJECT				



HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.mxd
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUGGESTED MAINTENANCE OF TRAFFIC PLANS STAGE II MINKLER ROAD (1 OF 2)		
SCALE:	SHEET 4 OF 12 SHEETS	STA. TO STA.

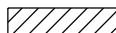





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	79
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

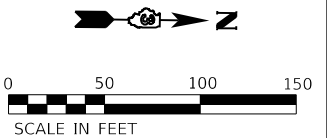


MATCHLINE STA. 146+00

MATCHLINE STA. 161+50

LEGEND

-  WORK ZONE
-  TEMPORARY PAVEMENT CONSTRUCTED IN THIS STAGE
-  DRUMS, TYPE II BARRICADES OR VERTICAL PANELS
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  TYPE III BARRICADE W/ 2 FLASHING BEACONS (NO. OF BARRICADE AS DIRECTED BY ENGINEER)



MATCHLINE STA. 161+50



TEMPORARY PAVEMENT MARKINGS

- ① 4" DOUBLE YELLOW (SOLID)
- ② 4" WHITE (SOLID)
- ③ 4" YELLOW (SOLID)
- ④ 8" WHITE (SOLID)
- ⑤ 8" WHITE (2' DASH - 6' SKIP)
- ⑥ 12" WHITE (SOLID)
- ⑦ 24" WHITE (SOLID)
- ⑧ LETTERS AND SYMBOLS (SOLID WHITE)

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.mxd
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

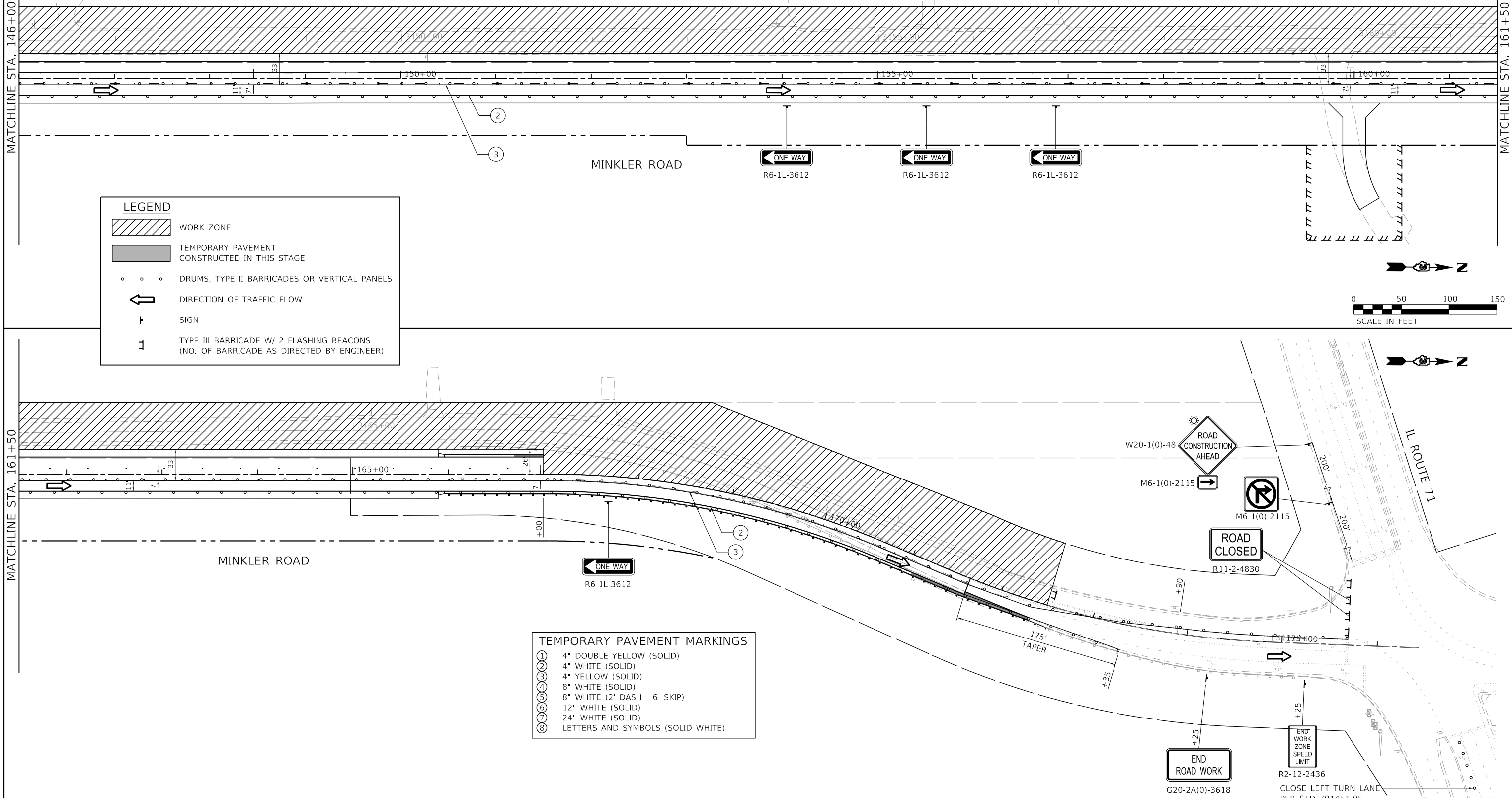
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

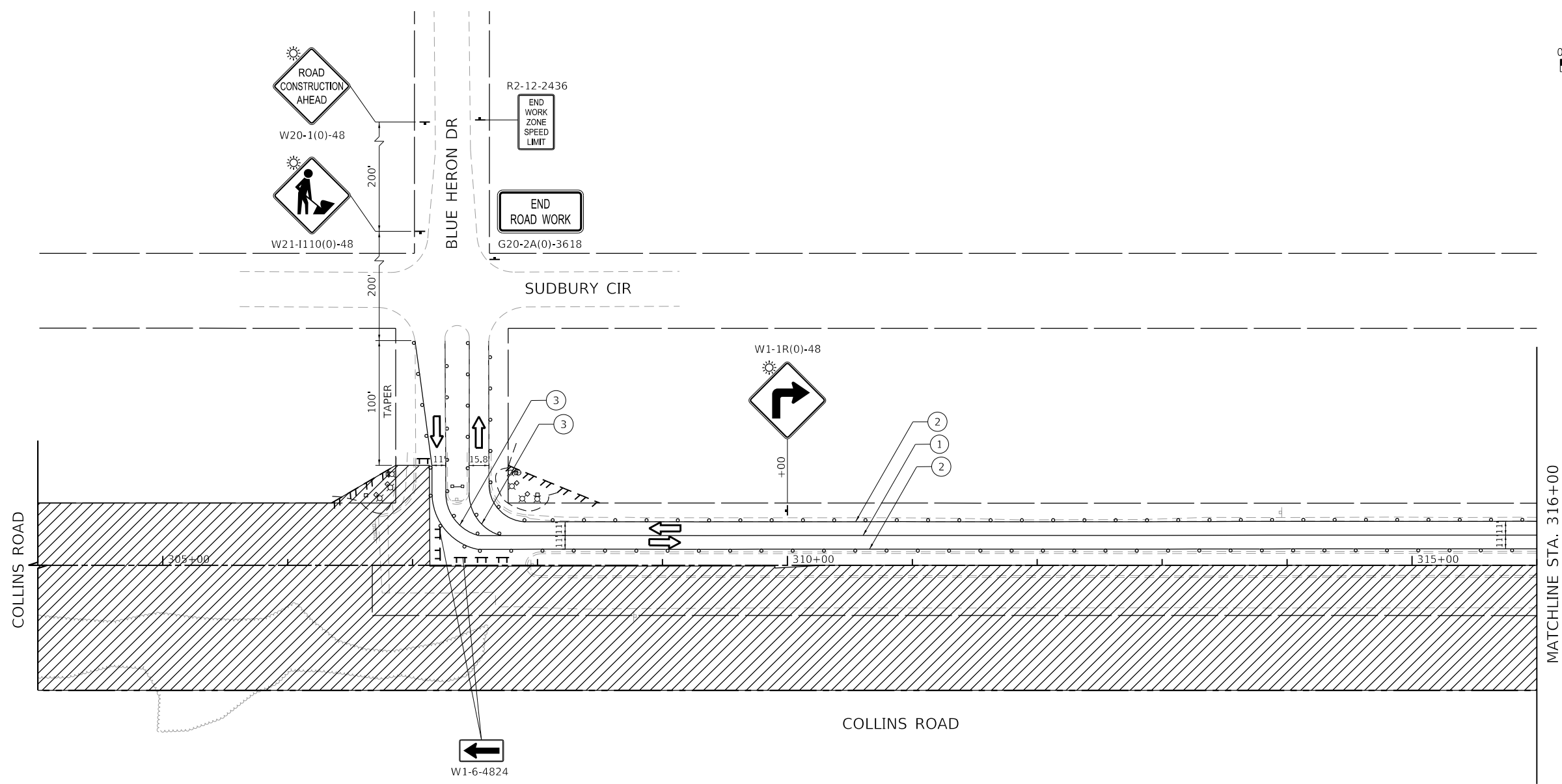
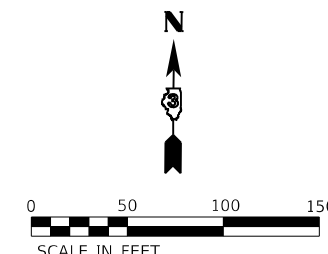
**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
 STAGE II
 MINKLER ROAD (2 OF 2)**

SCALE: SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	80
				CONTRACT NO. 87800

ILLINOIS FED. AID PROJECT





TEMPORARY PAVEMENT MARKINGS

①	4" DOUBLE YELLOW (SOLID)
②	4" WHITE (SOLID)
③	4" YELLOW (SOLID)
④	8" WHITE (SOLID)
⑤	8" WHITE (2' DASH - 6' SKIP)
⑥	12" WHITE (SOLID)
⑦	24" WHITE (SOLID)
⑧	LETTERS AND SYMBOLS (SOLID WHITE)

LEGEND

	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTED IN THIS STAGE
	DRUMS, TYPE II BARRICADES OR VERTICAL PANELS
	DIRECTION OF TRAFFIC FLOW
	SIGN
	TYPE III BARRICADE W/ 2 FLASHING BEACONS (NO. OF BARRICADE AS DIRECTED BY ENGINEER)

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.mxd
 PEN TABLE: 19162.tbl



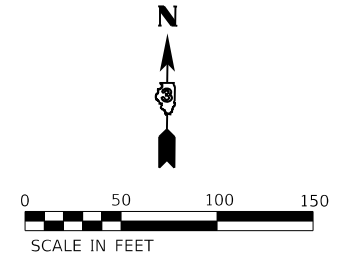
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PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
STAGE I
COLLINS ROAD**

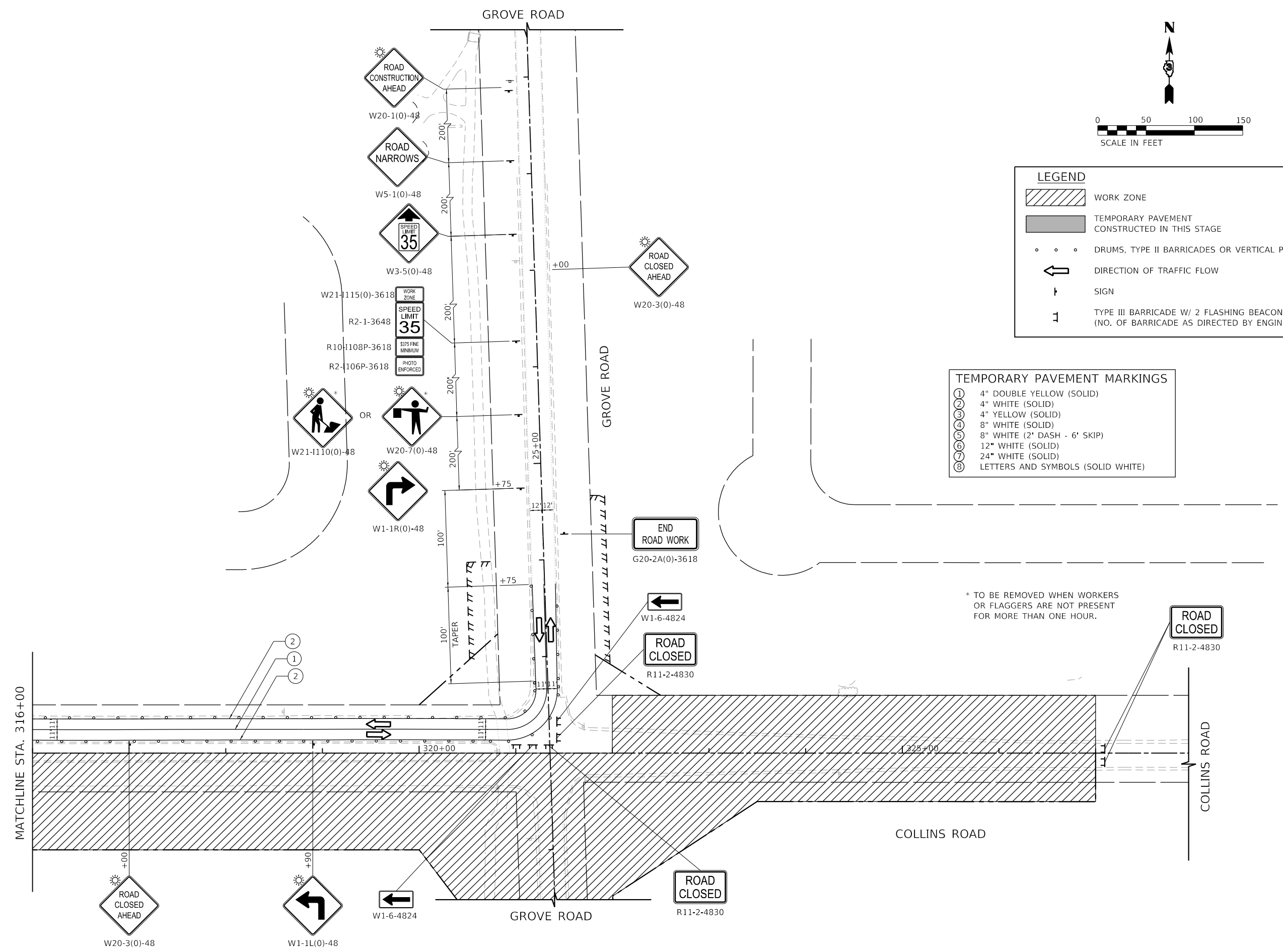
SCALE: SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	81
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



LEGEND	
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTED IN THIS STAGE
	DRUMS, TYPE II BARRICADES OR VERTICAL PANELS
	DIRECTION OF TRAFFIC FLOW
	SIGN
	TYPE III BARRICADE W/ 2 FLASHING BEACONS (NO. OF BARRICADE AS DIRECTED BY ENGINEER)

TEMPORARY PAVEMENT MARKINGS	
①	4" DOUBLE YELLOW (SOLID)
②	4" WHITE (SOLID)
③	4" YELLOW (SOLID)
④	8" WHITE (SOLID)
⑤	8" WHITE (2" DASH - 6' SKIP)
⑥	12" WHITE (SOLID)
⑦	24" WHITE (SOLID)
⑧	LETTERS AND SYMBOLS (SOLID WHITE)



* TO BE REMOVED WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.mxd
 PEN TABLE: 19162.tbl



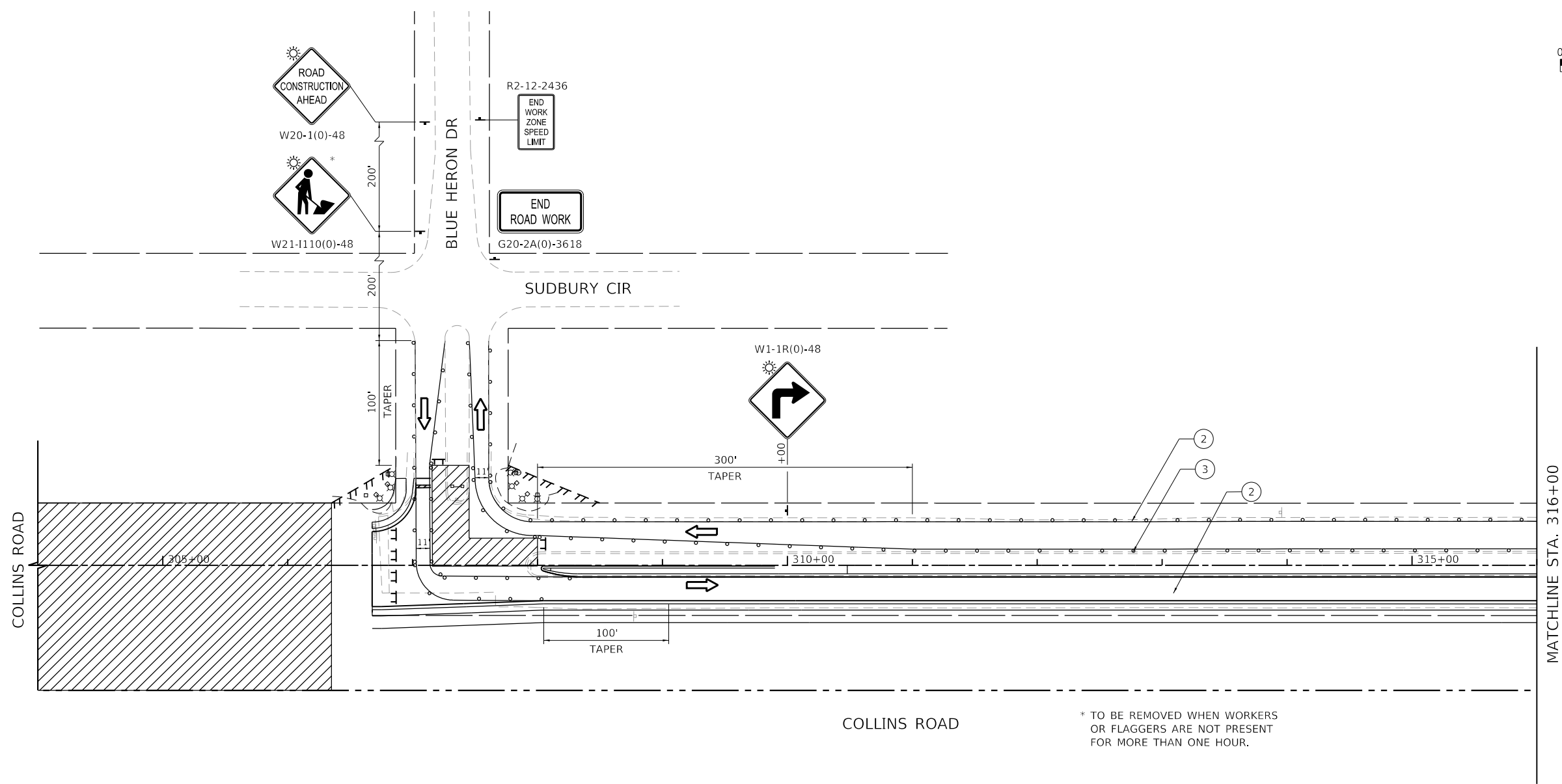
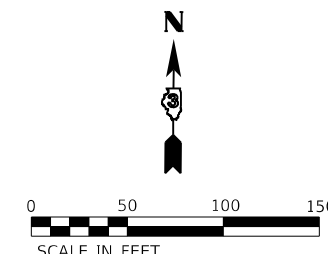
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	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLANS
STAGE I
GROVE ROAD

SCALE: SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	82
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	



* TO BE REMOVED WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

TEMPORARY PAVEMENT MARKINGS	
①	4" DOUBLE YELLOW (SOLID)
②	4" WHITE (SOLID)
③	4" YELLOW (SOLID)
④	8" WHITE (SOLID)
⑤	8" WHITE (2' DASH - 6' SKIP)
⑥	12" WHITE (SOLID)
⑦	24" WHITE (SOLID)
⑧	LETTERS AND SYMBOLS (SOLID WHITE)

LEGEND	
	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTED IN THIS STAGE
	DRUMS, TYPE II BARRICADES OR VERTICAL PANELS
	DIRECTION OF TRAFFIC FLOW
	SIGN
	TYPE III BARRICADE W/ 2 FLASHING BEACONS (NO. OF BARRICADE AS DIRECTED BY ENGINEER)

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.mxd
 PEN TABLE: 19162.tbl



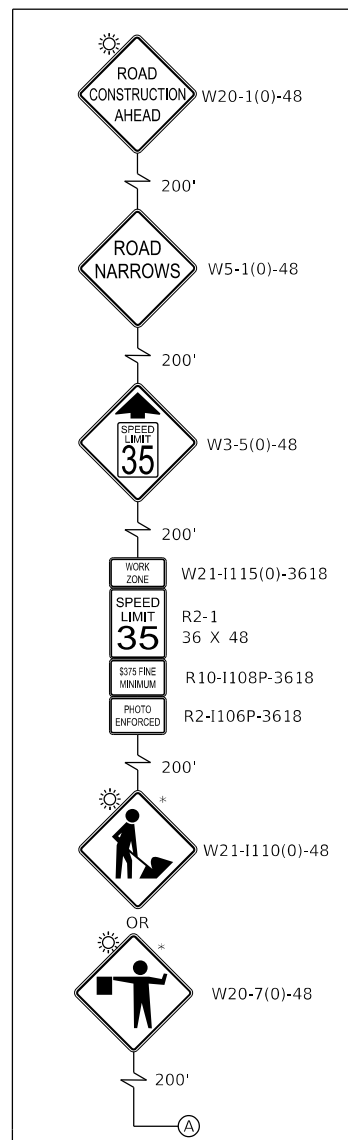
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PLOT SCALE = 100.0010' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
STAGE II
COLLINS ROAD**

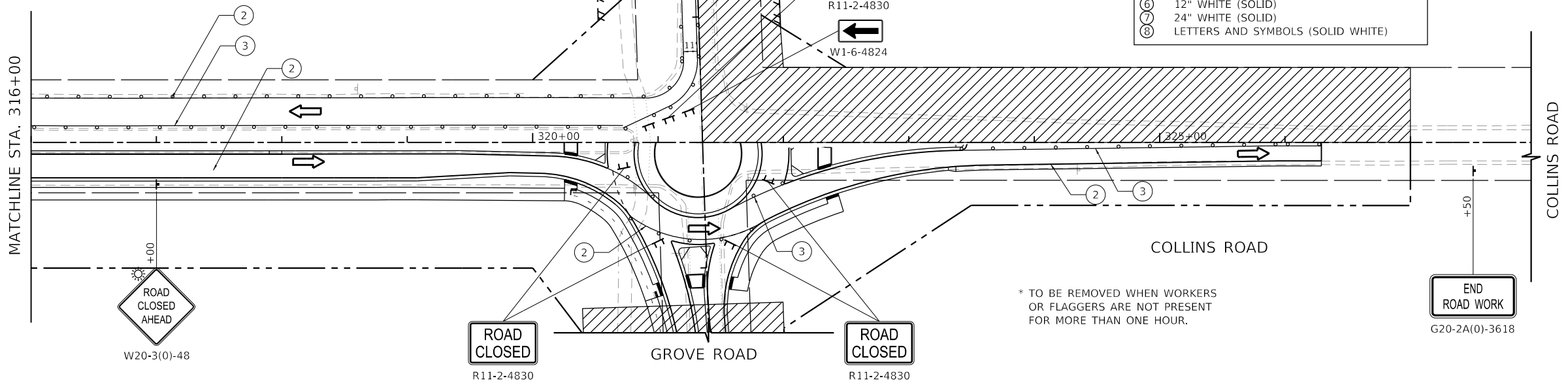
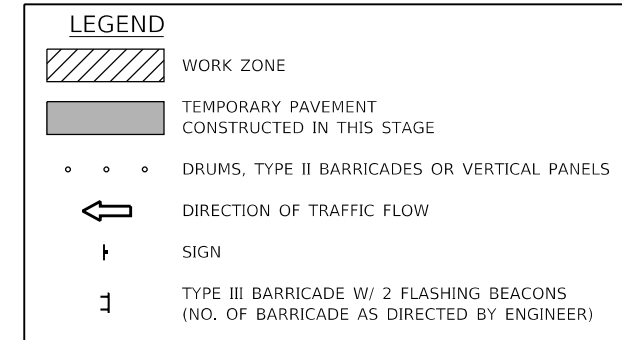
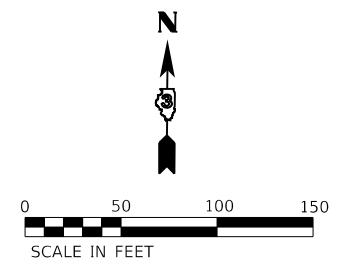
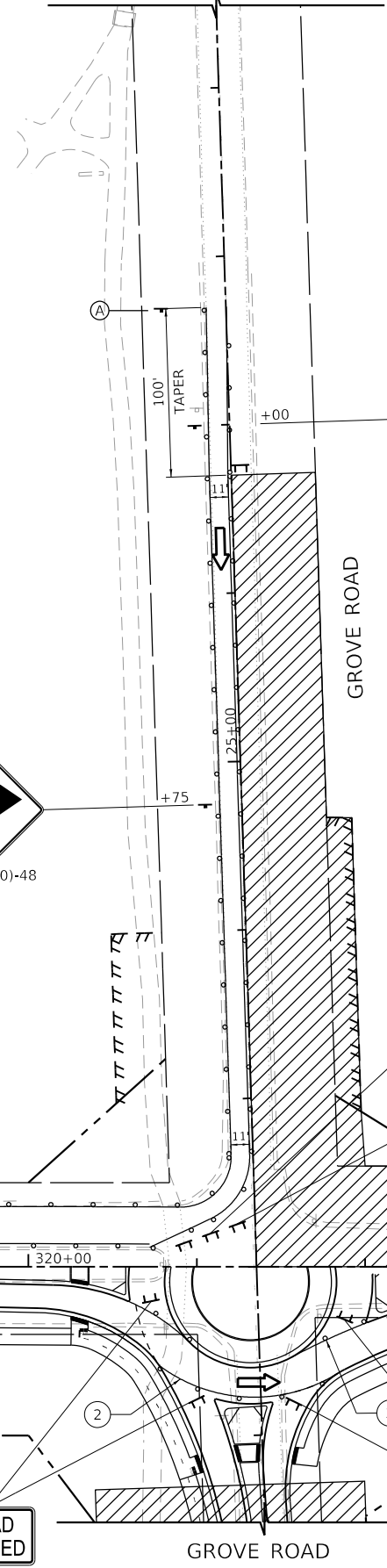
SCALE: SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	83
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	



ADVANCED SIGN DETAIL

GROVE ROAD



* TO BE REMOVED WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_m0109.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

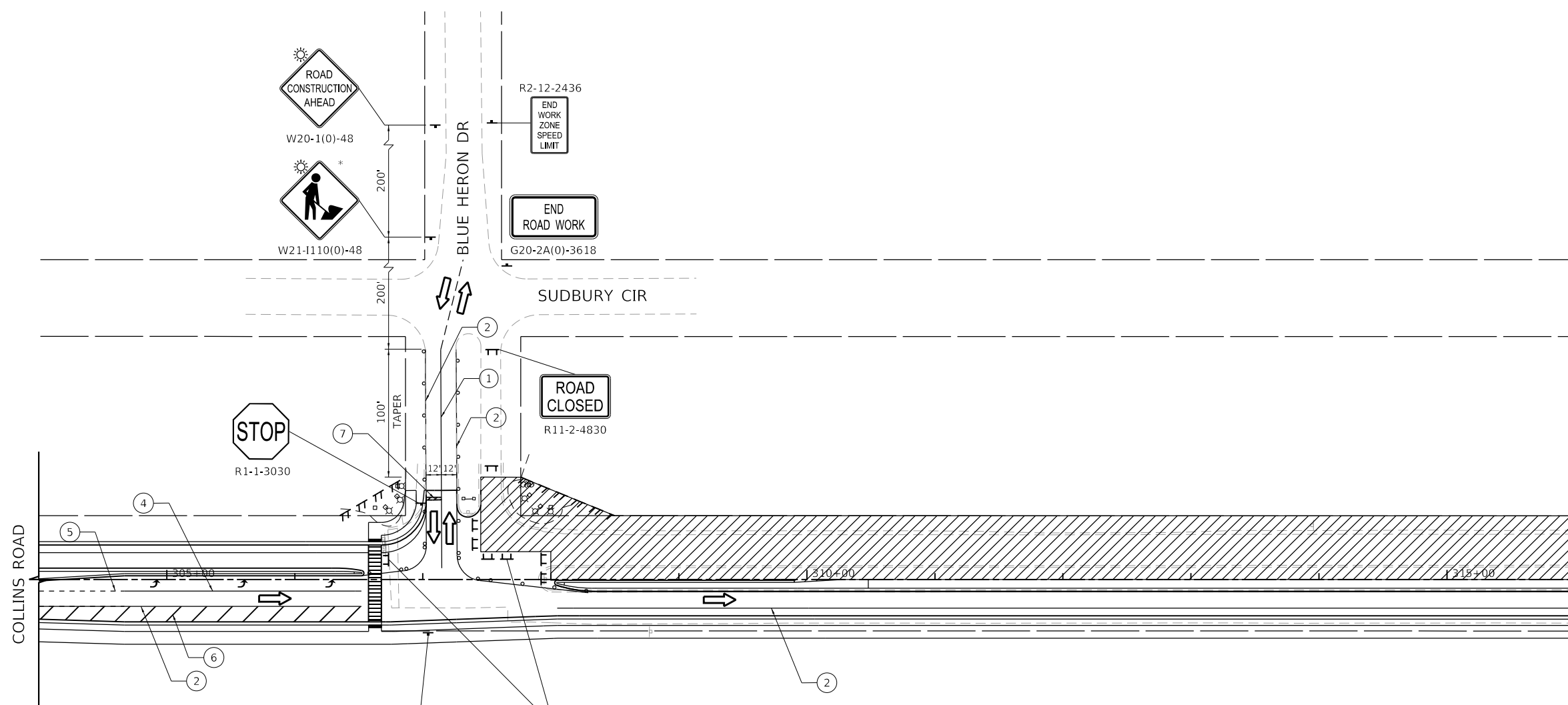
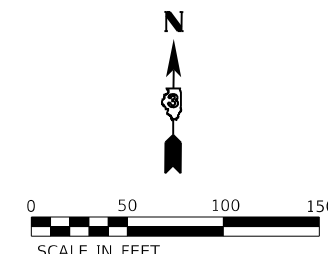
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLANS
 STAGE II
 GROVE ROAD

SCALE: SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	84
CONTRACT NO. 87800				

ILLINOIS FED. AID PROJECT



**

WORK ZONE	W21-1115(0)-3618
SPEED LIMIT	R2-1
	36 X 48
SIZES MINIMUM	R10-1108P-3618
PHOTO ENFORCED	R2-1106P-3618

ONE WAY	R6-L1-3612
ROAD CLOSED	R11-2-4830

TEMPORARY PAVEMENT MARKINGS

1	4" DOUBLE YELLOW (SOLID)
2	4" WHITE (SOLID)
3	4" YELLOW (SOLID)
4	8" WHITE (SOLID)
5	8" WHITE (2' DASH - 6' SKIP)
6	12" WHITE (SOLID)
7	24" WHITE (SOLID)
8	LETTERS AND SYMBOLS (SOLID WHITE)

* TO BE REMOVED WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

** STAGE III. EASTBOUND COLLINS ROAD OPEN BETWEEN MINKLER ROAD AND GROOVE ROAD. INSTALL WORK ZONE SPEED LIMIT ASSEMBLY AT 1000' SPACING.

LEGEND

	WORK ZONE
	TEMPORARY PAVEMENT CONSTRUCTED IN THIS STAGE
	DRUMS, TYPE II BARRICADES OR VERTICAL PANELS
	DIRECTION OF TRAFFIC FLOW
	SIGN
	TYPE III BARRICADE W/ 2 FLASHING BEACONS (NO. OF BARRICADE AS DIRECTED BY ENGINEER)

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.mxd
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
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PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

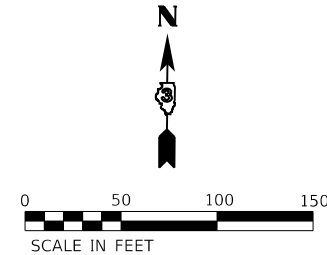
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
STAGE III
COLLINS ROAD**

SCALE:	SHEET 10 OF 12 SHEETS	STA. TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	85
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

GROVE ROAD

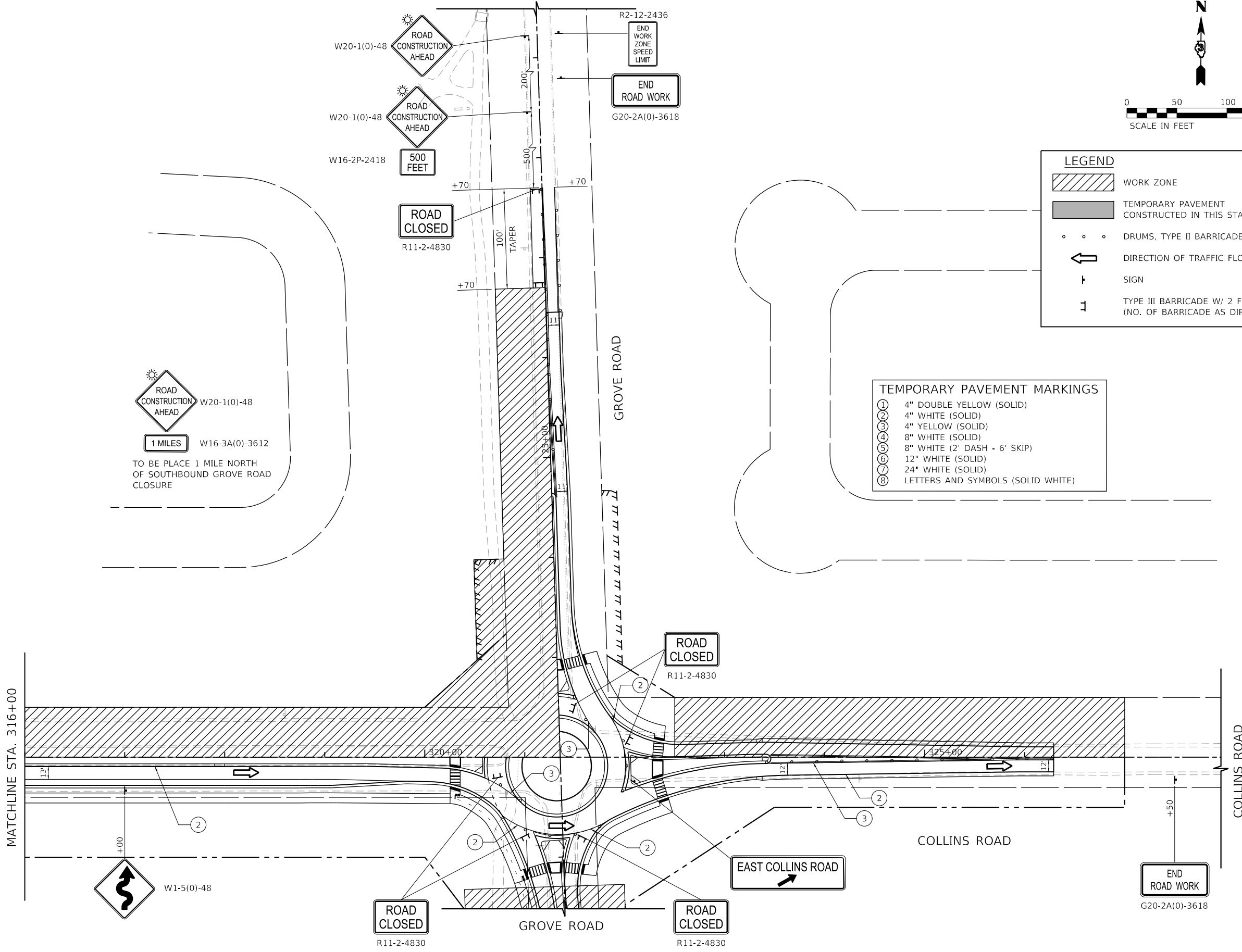


LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED IN THIS STAGE
- DRUMS, TYPE II BARRICADES OR VERTICAL PANELS
- DIRECTION OF TRAFFIC FLOW
- SIGN
- TYPE III BARRICADE W/ 2 FLASHING BEACONS (NO. OF BARRICADE AS DIRECTED BY ENGINEER)

TEMPORARY PAVEMENT MARKINGS

- ① 4" DOUBLE YELLOW (SOLID)
- ② 4" WHITE (SOLID)
- ③ 4" YELLOW (SOLID)
- ④ 8" WHITE (SOLID)
- ⑤ 8" WHITE (2' DASH - 6' SKIP)
- ⑥ 12" WHITE (SOLID)
- ⑦ 24" WHITE (SOLID)
- ⑧ LETTERS AND SYMBOLS (SOLID WHITE)



ROAD CONSTRUCTION AHEAD W20-1(0)-48
 1 MILES W16-3A(0)-3612
 TO BE PLACE 1 MILE NORTH OF SOUTHBOUND GROVE ROAD CLOSURE

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_mortgage
 PEN TABLE: 19162.tbl



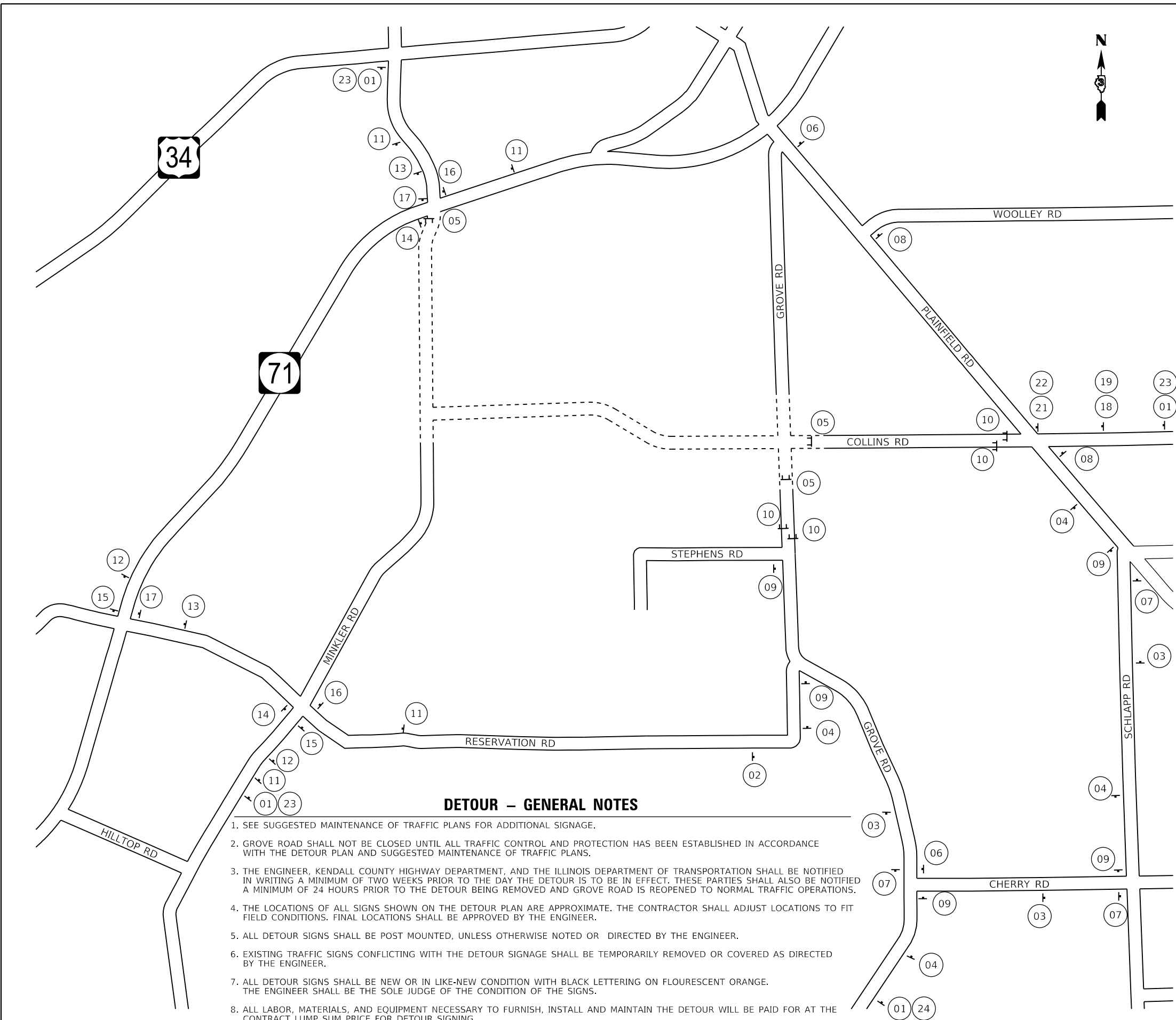
USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
 STAGE III
 GROVE ROAD**

SCALE: SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	86
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



DETOUR - GENERAL NOTES

1. SEE SUGGESTED MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL SIGNAGE.
2. GROVE ROAD SHALL NOT BE CLOSED UNTIL ALL TRAFFIC CONTROL AND PROTECTION HAS BEEN ESTABLISHED IN ACCORDANCE WITH THE DETOUR PLAN AND SUGGESTED MAINTENANCE OF TRAFFIC PLANS.
3. THE ENGINEER, KENDALL COUNTY HIGHWAY DEPARTMENT, AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION SHALL BE NOTIFIED IN WRITING A MINIMUM OF TWO WEEKS PRIOR TO THE DAY THE DETOUR IS TO BE IN EFFECT. THESE PARTIES SHALL ALSO BE NOTIFIED A MINIMUM OF 24 HOURS PRIOR TO THE DETOUR BEING REMOVED AND GROVE ROAD IS REOPENED TO NORMAL TRAFFIC OPERATIONS.
4. THE LOCATIONS OF ALL SIGNS SHOWN ON THE DETOUR PLAN ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST LOCATIONS TO FIT FIELD CONDITIONS. FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
5. ALL DETOUR SIGNS SHALL BE POST MOUNTED, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
6. EXISTING TRAFFIC SIGNS CONFLICTING WITH THE DETOUR SIGNAGE SHALL BE TEMPORARILY REMOVED OR COVERED AS DIRECTED BY THE ENGINEER.
7. ALL DETOUR SIGNS SHALL BE NEW OR IN LIKE-NEW CONDITION WITH BLACK LETTERING ON FLOURESCENT ORANGE. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE CONDITION OF THE SIGNS.
8. ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO FURNISH, INSTALL AND MAINTAIN THE DETOUR WILL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR DETOUR SIGNING.

01		W20-3(0)-4848 *	11		W20-2(0)-4848 *
02		W20-2(0)-4848 *	12		W16-8(O)-3018
03		W16-8(O)-3018	13		W16-8(O)-3018
04		M4-9L(O)-3030	14		M4-8A(O)-3024
05		R11-2-4830 (TYPE III BARRICADE)	15		W16-8(O)-3018
06		M4-8A(O)-3024	16		M4-9(O)-3030
07		W16-8(O)-3018	17		W16-8(O)-3018
08		M4-9L(O)-3024	18		M3-3(O)-3018
09		W16-8(O)-3018	19		W16-8(O)-3018
10		R11-4-6030	20		M3-3(O)-3018
			21		W16-8(O)-3018
			22		M4-9L(O)-3024
			23		W16-3A(O)-3612
			24		W16-3A(O)-3612

* FLASHING LIGHT SHALL BE ON THE TRAFFIC SIDE OF THE SIGN.

HRG PROJECT NO. 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_0114.dwg
 PEN TABLE: 19162.tbl

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 #184-001322

USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 2400.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
STAGE I, II, & III
DETOUR PLANS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	87
CONTRACT NO. 87800				

ILLINOIS FED. AID PROJECT

STONE RIPRAP AND FILTER FABRIC SCHEDULE						
ROADWAY	STATION	OFFSET	STONE RIPRAP CL A3 SQ YD	STONE RIPRAP CL A4 SQ YD	STONE RIPRAP CL A5 SQ YD	FILTER FABRIC SQ YD
COLLINS ROAD	236+46.00	66.0' LT	5.9			5.9
COLLINS ROAD	248+27.00	48.0' RT		16.2		16.2
COLLINS ROAD	252+00.00	44.0' LT	5.9			5.9
COLLINS ROAD	256+00.00	43.0' RT	5.9			5.9
COLLINS ROAD	259+03.50	51.0' RT			16.7	16.7
COLLINS ROAD	264+50.00	48.0' LT	5.9			5.9
COLLINS ROAD	269+00.00	53.0' LT	5.9			5.9
COLLINS ROAD	272+27.00	56.7' LT		23.0		23.0
COLLINS ROAD	272+19.00	52.6' RT		11.2		11.2
COLLINS ROAD	273+50.00	57.0' LT	5.9			5.9
COLLINS ROAD	275+25.00	57.5' LT	5.9			5.9
COLLINS ROAD	277+25.00	55.2' LT	5.9			5.9
COLLINS ROAD	279+25.00	51.9' LT	5.9			5.9
COLLINS ROAD	280+60.00	48.0' LT	5.9			5.9
COLLINS ROAD	285+15.00	66.0' LT		11.2		11.2
COLLINS ROAD	287+00.00	70.0' RT		17.8		17.8
COLLINS ROAD	288+00.00	64.7' RT	5.9			5.9
COLLINS ROAD	290+35.00	66.5' RT	5.9			5.9
COLLINS ROAD	292+00.00	66.0' RT	5.9			5.9
COLLINS ROAD	294+50.00	69.9' RT	5.9			5.9
COLLINS ROAD	297+00.00	62.8' RT	5.9			5.9
COLLINS ROAD	299+50.00	62.8' RT	5.9			5.9
COLLINS ROAD	302+00.00	62.8' RT	5.9			5.9
COLLINS ROAD	304+50.00	68.0' RT	5.9			5.9
COLLINS ROAD	306+80.00	68.7' RT	5.9			5.9
COLLINS ROAD	307+64.00	65.8' RT	5.9			5.9
COLLINS ROAD	309+00.00	64.5' RT	5.9			5.9
COLLINS ROAD	311+00.00	65.5' RT	5.9			5.9
COLLINS ROAD	313+50.00	68.5' RT	5.9			5.9
COLLINS ROAD	318+60.00	63.0' RT	5.9			5.9
COLLINS ROAD	320+36.00	74.5' RT	5.9			5.9
COLLINS ROAD	302+66.00	118.0' RT			50.8	50.8
COLLINS ROAD	321+70.00	139.0' RT	5.9			5.9
COLLINS ROAD	321+81.00	137.0' RT			33.3	33.3
COLLINS ROAD	321+96.00	102.0' RT	5.9			5.9
MILKER ROAD	131+21.00	39.5' RT		11.2		11.2
MILKER ROAD	132+11.00	39.4' LT		11.2		11.2
MILKER ROAD	132+12.00	40.0' RT		11.2		11.2
MILKER ROAD	146+75.00	50.3' LT		11.2		11.2
MILKER ROAD	153+73.00	42.5' LT		11.2		11.2
MILKER ROAD	155+25.00	42.5' LT		11.2		11.2
MILKER ROAD	156+55.00	42.5' LT		11.2		11.2
MILKER ROAD	165+20.00	36.2' LT		11.2		11.2
MILKER ROAD	170+70.00	48.5' LT		11.2		11.2
GROVE ROAD	19+89.00	70.0' LT		17.8		17.8
GROVE ROAD	20+14.00	62.0' LT	5.9			5.9
			165	198	101	464

NOTE: SEE STRUCTURAL SCHEDULES AND PLANS FOR ADDITIONAL QUANTITIES.

TEMPORARY DITCH CHECKS

ROADWAY	STATION	OFFSET	LENGTH (FT)
COLLINS	233+75.00	33 LT	10
COLLINS	233+75.00	32 RT	10
COLLINS	234+85.00	112 RT	10
COLLINS	236+00.00	115 RT	10
COLLINS	236+50.00	67 LT	10
COLLINS	238+00.00	55 RT	10
COLLINS	240+50.00	56 RT	10
COLLINS	241+00.00	52 LT	10
COLLINS	242+00.00	50 LT	10
COLLINS	243+00.00	48 LT	10
COLLINS	243+00.00	50 RT	10
COLLINS	244+00.00	45 LT	10
COLLINS	245+50.00	49 LT	10
COLLINS	246+25.00	44 RT	10
COLLINS	246+50.00	51 LT	10
COLLINS	247+25.00	47 RT	10
COLLINS	252+50.00	46 LT	10
COLLINS	252+50.00	49 RT	10
COLLINS	258+50.00	51 LT	10
COLLINS	258+50.00	52 RT	10
COLLINS	262+00.00	47 LT	10
COLLINS	263+00.00	45 RT	10
COLLINS	264+00.00	50 LT	10
COLLINS	264+00.00	48 RT	10
COLLINS	266+00.00	53 LT	10
COLLINS	267+25.00	48 RT	10
COLLINS	268+00.00	55 LT	10
COLLINS	270+50.00	49 RT	10
COLLINS	271+00.00	56 LT	10
COLLINS	272+50.00	53 RT	10
COLLINS	274+00.00	60 LT	10
COLLINS	275+00.00	51 RT	10
COLLINS	279+00.00	55 LT	10
COLLINS	285+50.00	71 LT	10
COLLINS	287+50.00	55 LT	10
COLLINS	288+50.00	71 RT	10
COLLINS	291+00.00	43 LT	10
COLLINS	292+50.00	71 RT	10
COLLINS	294+00.00	47 LT	10
COLLINS	295+00.00	42 LT	10
COLLINS	295+75.00	68 RT	10
COLLINS	296+50.00	41 LT	10
COLLINS	297+75.00	65 RT	10
COLLINS	298+50.00	41 LT	10
COLLINS	299+75.00	65 RT	10
COLLINS	300+50.00	41 LT	10
COLLINS	301+75.00	65 RT	10
COLLINS	302+50.00	41 LT	10
COLLINS	303+75.00	68 RT	10
COLLINS	304+50.00	41 LT	10
COLLINS	305+75.00	71 RT	10
COLLINS	308+00.00	67 RT	10
COLLINS	308+50.00	46 LT	10
COLLINS	310+00.00	67 RT	10
COLLINS	310+90.00	41 LT	10
COLLINS	313+40.00	42 LT	10
COLLINS	314+00.00	71 RT	10
COLLINS	318+00.00	66 RT	10
COLLINS	319+10.00	43 LT	10
COLLINS	320+50.00	104 RT	10
COLLINS	322+50.00	47 LT	10
COLLINS	322+50.00	65 RT	10
COLLINS	324+50.00	32 RT	10
COLLINS	325+30.00	30 LT	10
COLLINS	326+00.00	26 RT	10

TEMPORARY DITCH CHECKS

ROADWAY	STATION	OFFSET	LENGTH (FT)
MINKLER	120+75.00	27 LT	10
MINKLER	120+75.00	27 RT	10
MINKLER	122+50.00	32 LT	10
MINKLER	122+50.00	35 RT	10
MINKLER	124+80.00	33 LT	10
MINKLER	124+80.00	41 RT	10
MINKLER	128+50.00	62 LT	10
MINKLER	132+00.00	39 LT	10
MINKLER	132+00.00	39 RT	10
MINKLER	136+00.00	41 LT	10
MINKLER	136+00.00	41 RT	10
MINKLER	139+00.00	42 RT	10
MINKLER	140+25.00	41 LT	10
MINKLER	142+50.00	42 LT	10
MINKLER	143+00.00	40 RT	10
MINKLER	144+75.00	45 LT	10
MINKLER	145+00.00	43 RT	10
MINKLER	150+00.00	42 LT	10
MINKLER	153+00.00	42 LT	10
MINKLER	156+00.00	42 LT	10
MINKLER	161+00.00	39 LT	10
MINKLER	164+00.00	50 RT	10
MINKLER	168+00.00	41 LT	10
MINKLER	168+00.00	59 RT	10
MINKLER	170+00.00	48 LT	10
MINKLER	172+00.00	45 LT	10
GROVE	17+00.00	37 RT	10
GROVE	17+50.00	37 LT	10
GROVE	18+75.00	40 LT	10
GROVE	19+50.00	41 RT	10
GROVE	20+50.00	42 RT	10
GROVE	24+00.00	35 LT	10
GROVE	24+00.00	38 RT	10
GROVE	25+00.00	35 LT	10
GROVE	26+00.00	33 LT	10
GROVE	26+75.00	34 LT	10
GROVE	26+75.00	32 RT	10
TOTAL			1020

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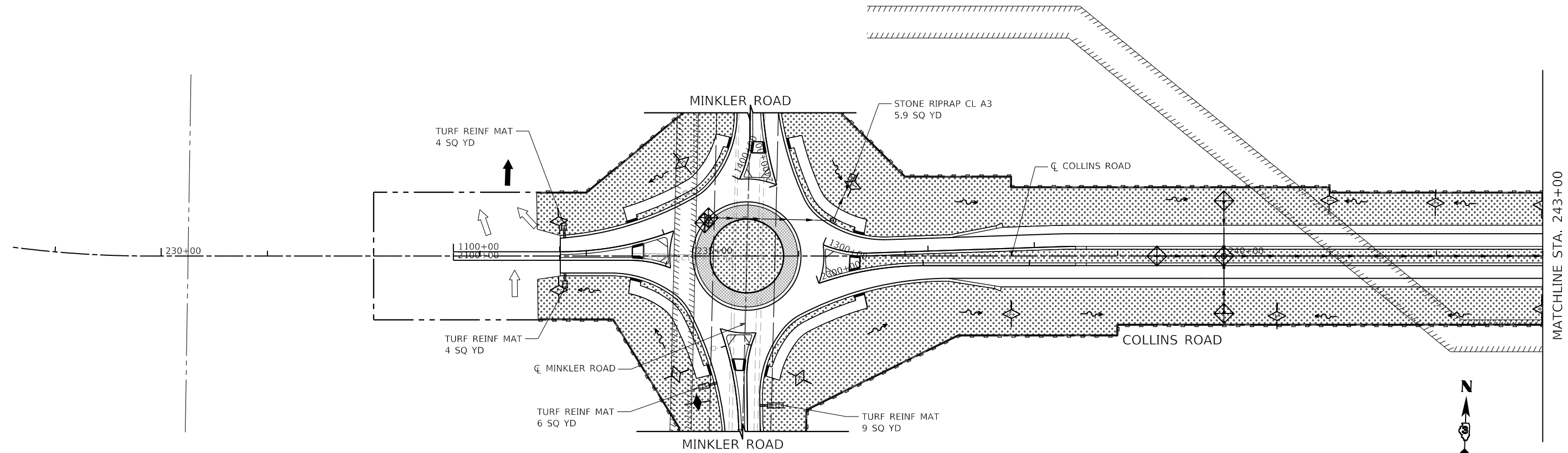
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SCHEDULES

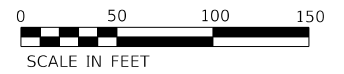
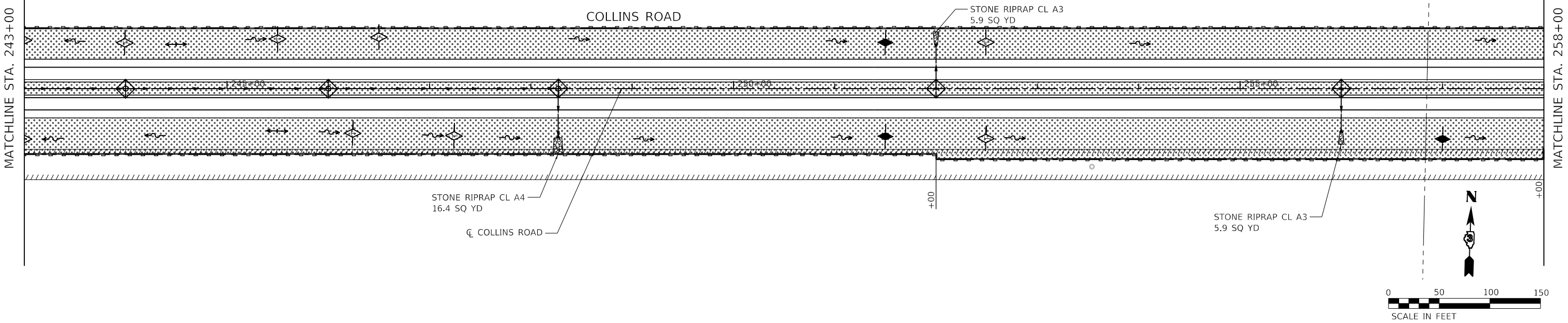
SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	88
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	



LEGEND			
	EXISTING RIGHT-OF-WAY		SEEDING, CLASS 2A / EROSION CONTROL BLANKET
	EXISTING EASEMENT		SEEDING, CLASS 3 / EROSION CONTROL BLANKET
	PROPOSED RIGHT-OF-WAY		SEEDING, CLASS 4A / EROSION CONTROL BLANKET
	PROPOSED TEMPORARY EASEMENT		SEEDING, CLASS 4B / EROSION CONTROL BLANKET
	PROPOSED PERMANENT EASEMENT		SEEDING, CLASS 4A & 4B / HD EROSION CONTROL BLANKET
	LIMITS OF CONSTRUCTION		RIPRAP
	PROPOSED DRAINAGE OUTLET		INLET FILTERS OR INLET & PIPE PROTECTION
	PROPOSED SHEET FLOW		PERIMETER EROSION BARRIER
	PROPOSED SUMMIT		PROPOSED DITCH FLOW DIRECTION
			PROPOSED SWALE

- EROSION CONTROL NOTES**
1. STABILIZED CONSTRUCTION ENTRANCES ACCORDING TO THE ILLINOIS URBAN MANUAL EDITION IN EFFECT AT THE TIME OF LETTING WILL BE REQUIRED. ALL LOCATIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER AND WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS EROSION CONTROL PAY ITEMS.
 2. PROPOSED UPSTREAM ENDS OF PIPE CULVERT END SECTIONS SHALL BE PROTECTED WITH INLET AND PIPE PROTECTION IMMEDIATELY AFTER CONSTRUCTION.
 3. INLET FILTERS SHALL BE USED ONLY IN PROPOSED GRATES WITHIN THE CURB AND GUTTER.
 4. PERMANENT STABILIZATION SHALL OCCUR AT EACH CONSTRUCTION STAGE PRIOR TO MOVING ONTO THE NEXT STAGE.
 5. SEE DRAINAGE PLAN AND PROFILE SHEETS FOR FURTHER DETAILS ON STONE RIPRAP.



HRG PROJECT NO: 19162
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 PEN TABLE: 19162.tbl

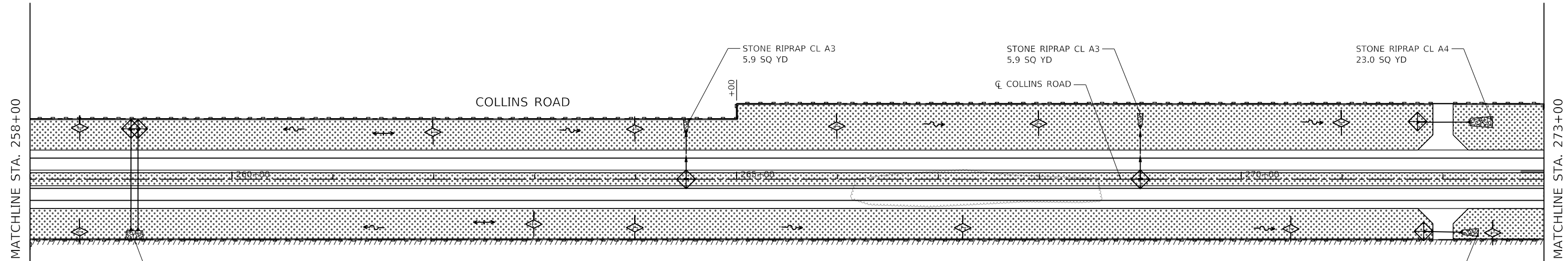


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	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

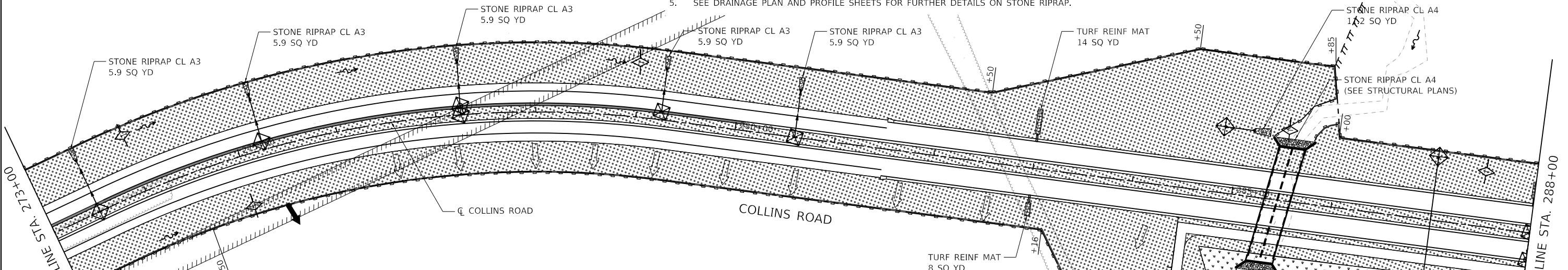
EROSION CONTROL PLANS	
COLLINS ROAD	
SCALE:	SHEET 3 OF 9 SHEETS STA. 228+00.00 TO STA. 258+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	90
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL NOTES

1. STABILIZED CONSTRUCTION ENTRANCES ACCORDING TO THE ILLINOIS URBAN MANUAL EDITION IN EFFECT AT THE TIME OF LETTING WILL BE REQUIRED. ALL LOCATIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER AND WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS EROSION CONTROL PAY ITEMS.
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3. INLET FILTERS SHALL BE USED ONLY IN PROPOSED GRATES WITHIN THE CURB AND GUTTER.
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5. SEE DRAINAGE PLAN AND PROFILE SHEETS FOR FURTHER DETAILS ON STONE RIPRAP.



LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	LIMITS OF CONSTRUCTION
	PROPOSED DRAINAGE OUTLET
	PROPOSED SHEET FLOW
	PROPOSED SUMMIT
	SEEDING, CLASS 2A / EROSION CONTROL BLANKET
	SEEDING, CLASS 3 / EROSION CONTROL BLANKET
	SEEDING, CLASS 4A / EROSION CONTROL BLANKET
	SEEDING, CLASS 4B / EROSION CONTROL BLANKET
	SEEDING, CLASS 4A & 4B / HD EROSION CONTROL BLANKET
	RIPRAP
	INLET FILTERS OR INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER
	PROPOSED DITCH FLOW DIRECTION
	PROPOSED SWALE



HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_eros04.dgn
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 Micro Professional Design Firm
 #184-001322

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PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

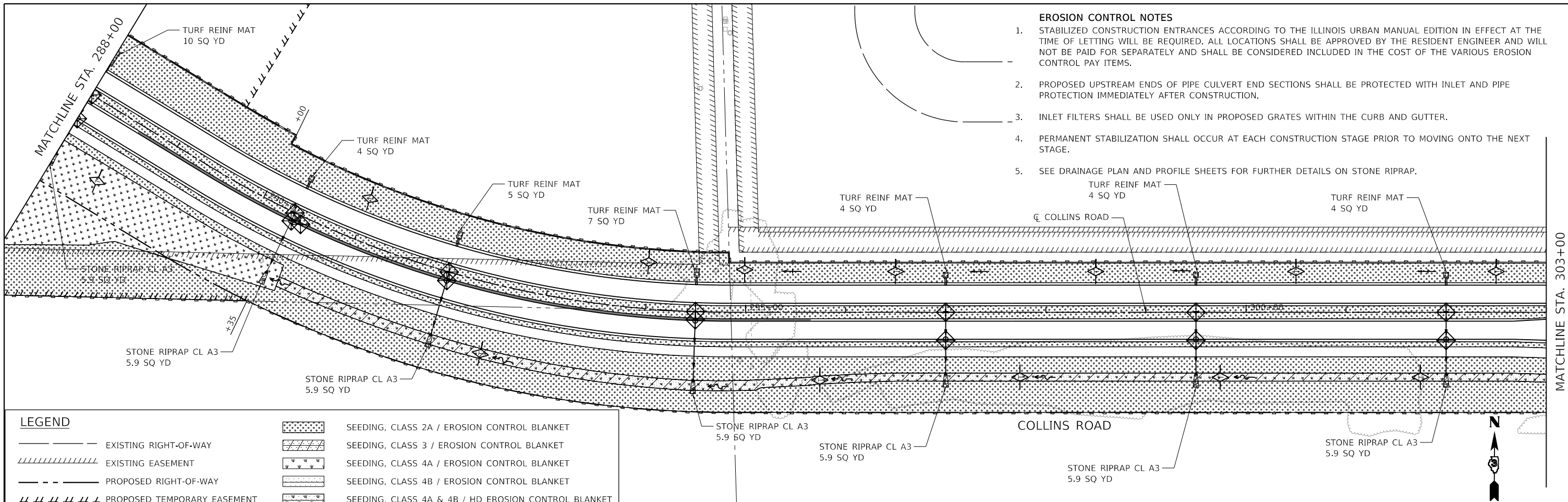
EROSION CONTROL PLANS
COLLINS ROAD

SCALE: SHEET 4 OF 9 SHEETS STA. 258+00.00 TO STA. 288+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	91
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	

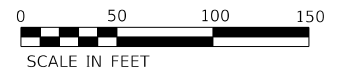
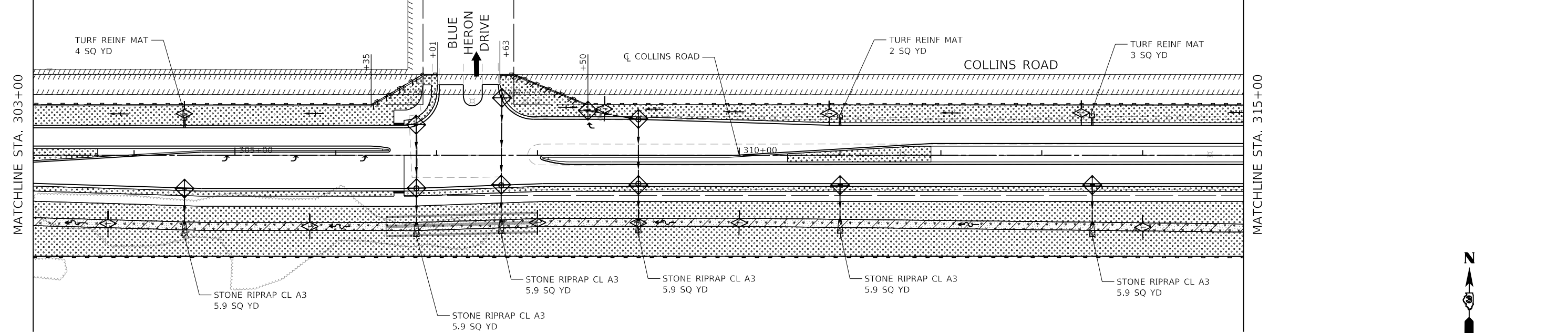
EROSION CONTROL NOTES

1. STABILIZED CONSTRUCTION ENTRANCES ACCORDING TO THE ILLINOIS URBAN MANUAL EDITION IN EFFECT AT THE TIME OF LETTING WILL BE REQUIRED. ALL LOCATIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER AND WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS EROSION CONTROL PAY ITEMS.
2. PROPOSED UPSTREAM ENDS OF PIPE CULVERT END SECTIONS SHALL BE PROTECTED WITH INLET AND PIPE PROTECTION IMMEDIATELY AFTER CONSTRUCTION.
3. INLET FILTERS SHALL BE USED ONLY IN PROPOSED GRATES WITHIN THE CURB AND GUTTER.
4. PERMANENT STABILIZATION SHALL OCCUR AT EACH CONSTRUCTION STAGE PRIOR TO MOVING ONTO THE NEXT STAGE.
5. SEE DRAINAGE PLAN AND PROFILE SHEETS FOR FURTHER DETAILS ON STONE RIPRAP.



LEGEND

	EXISTING RIGHT-OF-WAY		SEEDING, CLASS 2A / EROSION CONTROL BLANKET
	EXISTING EASEMENT		SEEDING, CLASS 3 / EROSION CONTROL BLANKET
	PROPOSED RIGHT-OF-WAY		SEEDING, CLASS 4A / EROSION CONTROL BLANKET
	PROPOSED TEMPORARY EASEMENT		SEEDING, CLASS 4B / EROSION CONTROL BLANKET
	PROPOSED PERMANENT EASEMENT		SEEDING, CLASS 4A & 4B / HD EROSION CONTROL BLANKET
	LIMITS OF CONSTRUCTION		RIPRAP
	PROPOSED DRAINAGE OUTLET		INLET FILTERS OR INLET & PIPE PROTECTION
	PROPOSED SHEET FLOW		PERIMETER EROSION BARRIER
	PROPOSED SUMMIT		PROPOSED DITCH FLOW DIRECTION
			PROPOSED SWALE



HRG PROJECT NO. 19162
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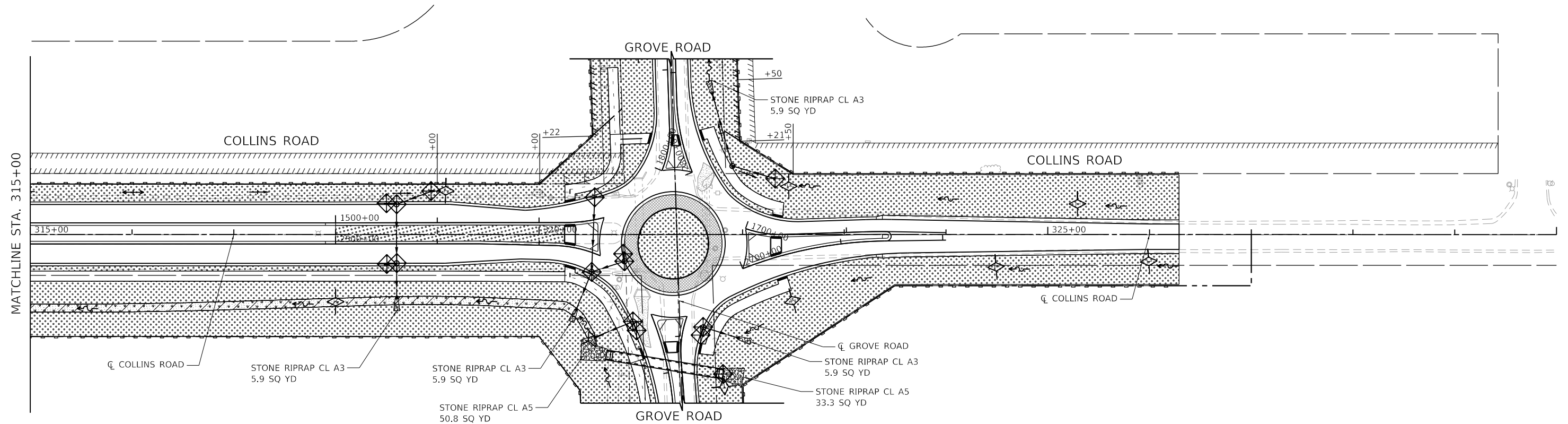
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PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
 COLLINS ROAD**

SCALE: SHEET 5 OF 9 SHEETS STA. 288+00.00 TO STA. 315+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	92
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

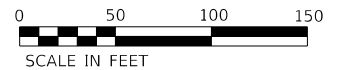


LEGEND

	EXISTING RIGHT-OF-WAY		SEEDING, CLASS 2A / EROSION CONTROL BLANKET
	EXISTING EASEMENT		SEEDING, CLASS 3 / EROSION CONTROL BLANKET
	PROPOSED RIGHT-OF-WAY		SEEDING, CLASS 4A / EROSION CONTROL BLANKET
	PROPOSED TEMPORARY EASEMENT		SEEDING, CLASS 4B / EROSION CONTROL BLANKET
	PROPOSED PERMANENT EASEMENT		SEEDING, CLASS 4A & 4B / HD EROSION CONTROL BLANKET
	LIMITS OF CONSTRUCTION		RIPRAP
	PROPOSED DRAINAGE OUTLET		INLET FILTERS OR INLET & PIPE PROTECTION
	PROPOSED SHEET FLOW		PERIMETER EROSION BARRIER
	PROPOSED SUMMIT		PROPOSED DITCH FLOW DIRECTION
			PROPOSED SWALE

EROSION CONTROL NOTES

1. STABILIZED CONSTRUCTION ENTRANCES ACCORDING TO THE ILLINOIS URBAN MANUAL EDITION IN EFFECT AT THE TIME OF LETTING WILL BE REQUIRED. ALL LOCATIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER AND WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS EROSION CONTROL PAY ITEMS.
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5. SEE DRAINAGE PLAN AND PROFILE SHEETS FOR FURTHER DETAILS ON STONE RIPRAP.



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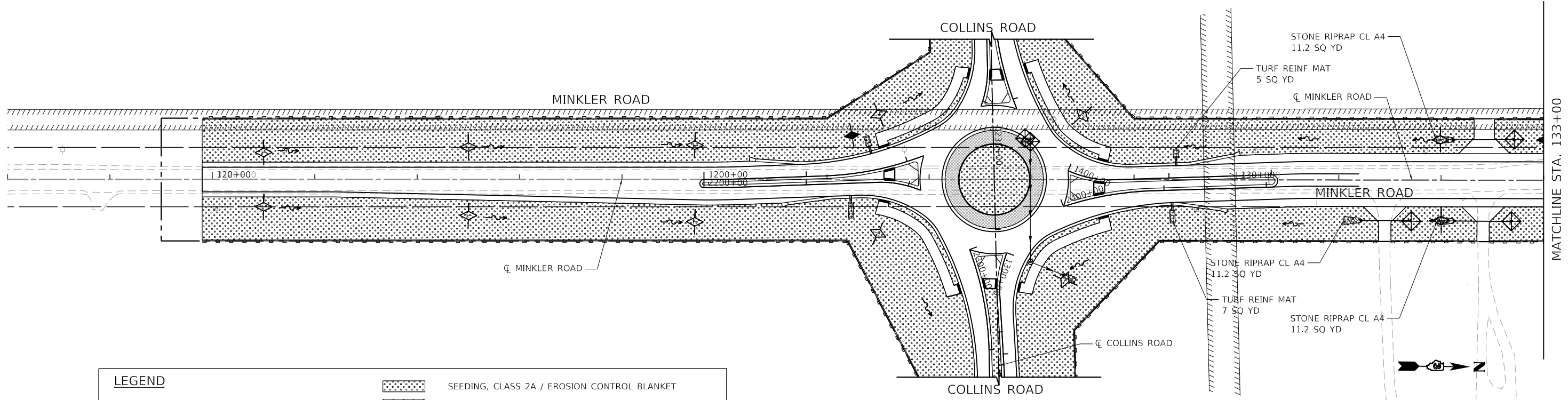
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PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLANS
COLLINS ROAD**

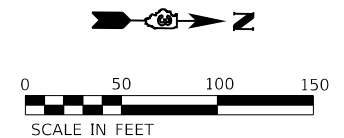
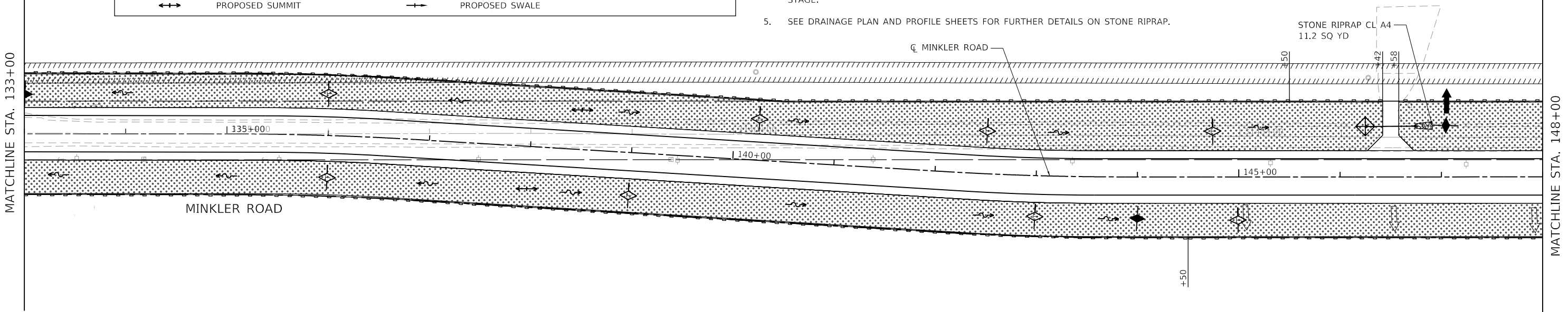
SCALE: SHEET 6 OF 9 SHEETS STA. 315+00.00 TO STA. 330+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	93
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				



LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	LIMITS OF CONSTRUCTION
	PROPOSED DRAINAGE OUTLET
	PROPOSED SHEET FLOW
	PROPOSED SUMMIT
	SEEDING, CLASS 2A / EROSION CONTROL BLANKET
	SEEDING, CLASS 3 / EROSION CONTROL BLANKET
	SEEDING, CLASS 4A / EROSION CONTROL BLANKET
	SEEDING, CLASS 4B / EROSION CONTROL BLANKET
	SEEDING, CLASS 4A & 4B / HD EROSION CONTROL BLANKET
	RIPRAP
	INLET FILTERS OR INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER
	PROPOSED DITCH FLOW DIRECTION
	PROPOSED SWALE

- EROSION CONTROL NOTES**
1. STABILIZED CONSTRUCTION ENTRANCES ACCORDING TO THE ILLINOIS URBAN MANUAL EDITION IN EFFECT AT THE TIME OF LETTING WILL BE REQUIRED. ALL LOCATIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER AND WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS EROSION CONTROL PAY ITEMS.
 2. PROPOSED UPSTREAM ENDS OF PIPE CULVERT END SECTIONS SHALL BE PROTECTED WITH INLET AND PIPE PROTECTION IMMEDIATELY AFTER CONSTRUCTION.
 3. INLET FILTERS SHALL BE USED ONLY IN PROPOSED GRATES WITHIN THE CURB AND GUTTER.
 4. PERMANENT STABILIZATION SHALL OCCUR AT EACH CONSTRUCTION STAGE PRIOR TO MOVING ONTO THE NEXT STAGE.
 5. SEE DRAINAGE PLAN AND PROFILE SHEETS FOR FURTHER DETAILS ON STONE RIPRAP.



HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162_eros07.dgn
 PEN TABLE: 19162.tbl

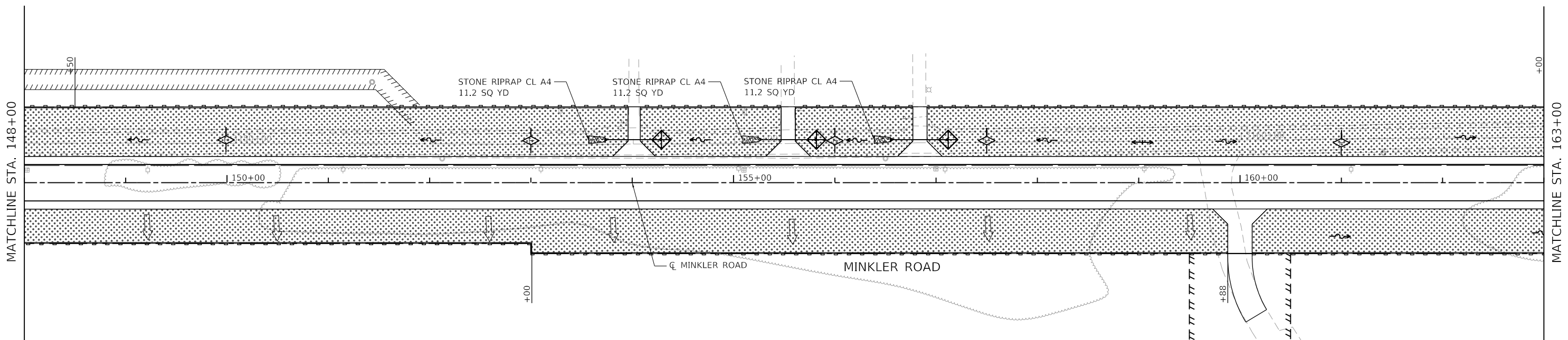


USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

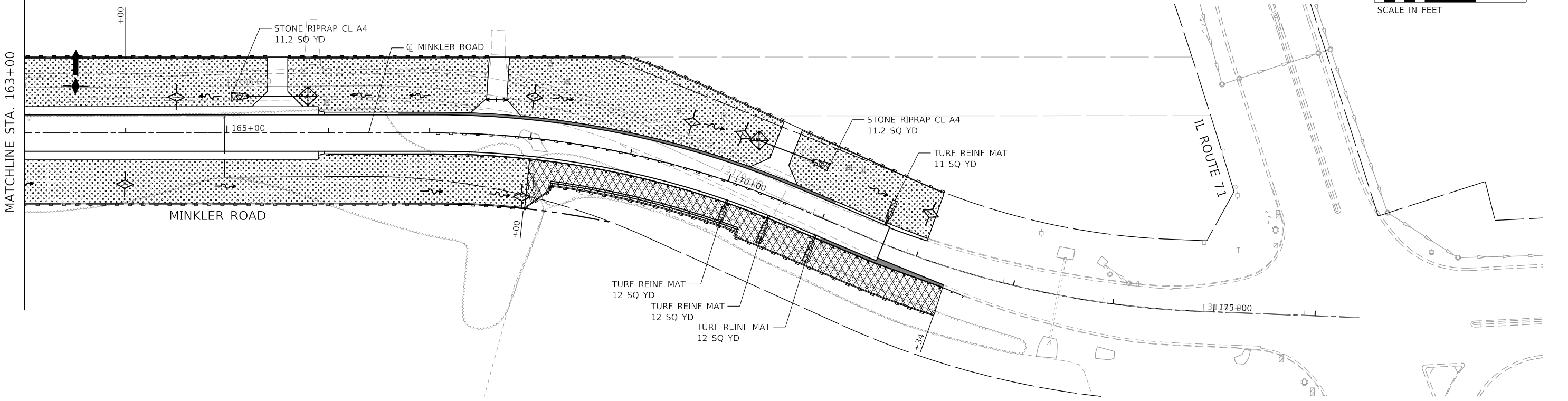
EROSION CONTROL PLANS MINKLER ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		2514	19-00154-00-FP	KENDALL	312	94
SCALE:		SHEET 7 OF 9 SHEETS		STA. 118+00.00 TO STA. 148+00.00		

CONTRACT NO. 87800		ILLINOIS FED. AID PROJECT	
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LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	LIMITS OF CONSTRUCTION
	PROPOSED DRAINAGE OUTLET
	PROPOSED SHEET FLOW
	PROPOSED SUMMIT
	SEEDING, CLASS 2A / EROSION CONTROL BLANKET
	SEEDING, CLASS 3 / EROSION CONTROL BLANKET
	SEEDING, CLASS 4A / EROSION CONTROL BLANKET
	SEEDING, CLASS 4B / EROSION CONTROL BLANKET
	SEEDING, CLASS 4A & 4B / HD EROSION CONTROL BLANKET
	RIPRAP
	INLET FILTERS OR INLET & PIPE PROTECTION
	PERIMETER EROSION BARRIER
	PROPOSED DITCH FLOW DIRECTION
	PROPOSED SWALE

- EROSION CONTROL NOTES**
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 4. PERMANENT STABILIZATION SHALL OCCUR AT EACH CONSTRUCTION STAGE PRIOR TO MOVING ONTO THE NEXT STAGE.
 5. SEE DRAINAGE PLAN AND PROFILE SHEETS FOR FURTHER DETAILS ON STONE RIPRAP.



HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_erosion.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

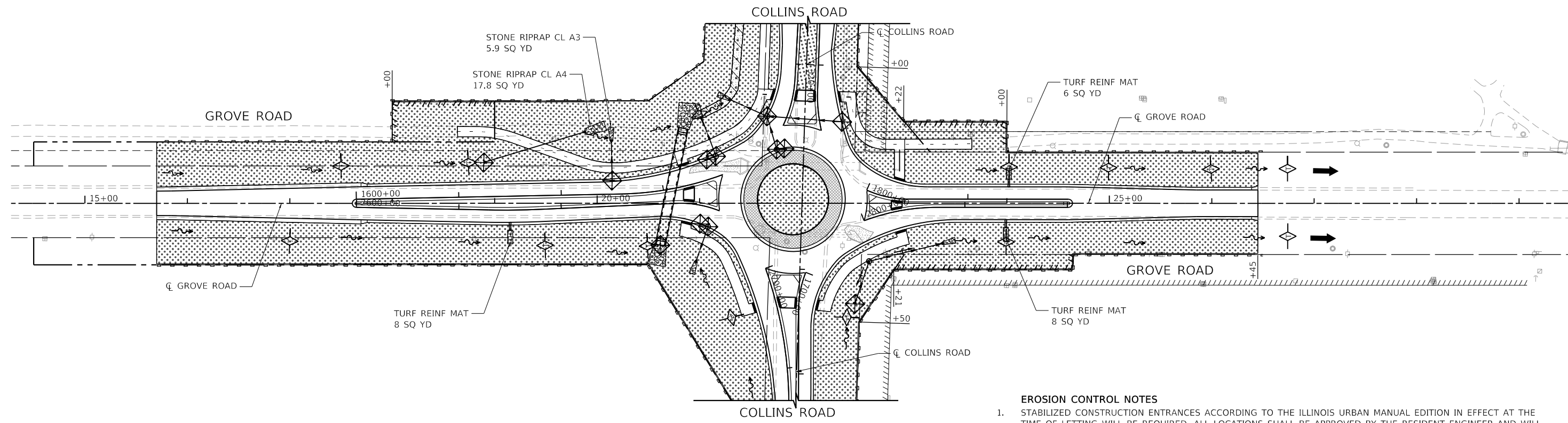
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLANS
MINKLER ROAD

SCALE: SHEET 8 OF 9 SHEETS STA. 148+00.00 TO STA. 178+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	95
			CONTRACT NO. 87800	
ILLINOIS FED. AID PROJECT				

LEGEND			
	EXISTING RIGHT-OF-WAY		SEEDING, CLASS 2A / EROSION CONTROL BLANKET
	EXISTING EASEMENT		SEEDING, CLASS 3 / EROSION CONTROL BLANKET
	PROPOSED RIGHT-OF-WAY		SEEDING, CLASS 4A / EROSION CONTROL BLANKET
	PROPOSED TEMPORARY EASEMENT		SEEDING, CLASS 4B / EROSION CONTROL BLANKET
	PROPOSED PERMANENT EASEMENT		SEEDING, CLASS 4A & 4B / HD EROSION CONTROL BLANKET
	LIMITS OF CONSTRUCTION		RIPRAP
	PROPOSED DRAINAGE OUTLET		INLET FILTERS OR INLET & PIPE PROTECTION
	PROPOSED SHEET FLOW		PERIMETER EROSION BARRIER
	PROPOSED SUMMIT		PROPOSED DITCH FLOW DIRECTION
			PROPOSED SWALE



- EROSION CONTROL NOTES**
1. STABILIZED CONSTRUCTION ENTRANCES ACCORDING TO THE ILLINOIS URBAN MANUAL EDITION IN EFFECT AT THE TIME OF LETTING WILL BE REQUIRED. ALL LOCATIONS SHALL BE APPROVED BY THE RESIDENT ENGINEER AND WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF THE VARIOUS EROSION CONTROL PAY ITEMS.
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HRG PROJECT NO: 19162
 HRG PROJ CONTACT:
 FILE NAME: 19162_erosion.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLANS	
GROVE ROAD	
SCALE:	SHEET 9 OF 9 SHEETS STA. 10+00.00 TO STA. 35+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	96
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PROPOSED STORM PIPE SCHEDULE

ID NUMBER	STRUCTURE		SLOPE	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 2 12"	STORM SEWERS, CLASS A, TYPE 2 24"	STORM SEWERS, CLASS A, TYPE 2 30"	PIPE CULVERTS, CLASS A, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 2 24"	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	PIPE CULVERTS, CLASS D, TYPE 1 18"	PIPE CULVERTS, CLASS D, TYPE 1 24"	PIPE CULVERTS, CLASS D, TYPE 1 30"	PRECAST CONCRETE BOX CULVERTS 8' X 4'	TRENCH BACKFILL
	FROM	TO		550A0050 FOOT	550A0340 FOOT	550A0410 FOOT	550A0430 FOOT	542A0223 FOOT	542A1069 FOOT	542A5491 FOOT	542D0223 FOOT	542D0229 FOOT	542D0235 FOOT	54010804 FOOT	20800150 CU YD
200	100	101	1.00%	6											0.79
201	101	102	0.44%	117											26.38
202	102	103	0.46%	35											4.97
400	300	302	1.51%		59										0.00
401	301	302	0.17%			41									10.30
402	303	302	0.17%			43									17.98
403	302	304	0.11%				395								0.00
404	304	305	0.11%				196								0.00
405	305	306	0.11%				222								0.00
406	306	307	0.12%				40								4.99
407	308	309	0.50%	37											4.59
408	310	311	1.00%		35										3.43
409	312	313	0.35%					85							22.88
410	314	315	0.35%					85							22.88
411	316	317	0.50%		41										8.38
412	318	319	1.00%		46										15.69
413	320	321	0.70%									45			11.87
414	322	323	1.11%								33				5.37
415	324	325	2.51%		50										10.55
416	326	327	1.00%		43										15.23
417	328	329	1.00%		6										0.54
418	329	330	1.00%		38										7.93
419	331	332	1.00%		37										6.70
420	333	334	1.00%		40										5.32
421	335	336	0.30%				19								0.00
423	340	339	0.26%					122							74.54
424	341	342	4.00%		24										6.42
425	342	343	1.00%		34										2.33
426	344	345	1.00%		6										0.00
427	346	345	4.00%		7										1.21
428	345	347	1.00%		54										26.21

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_drain-sch01.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - APS	REVISED -
PLOT DATE = 10/21/2022	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES
 (SHEET 1 OF 5)

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	97
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PROPOSED STORM PIPE SCHEDULE

ID NUMBER	STRUCTURE		SLOPE	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 2 12"	STORM SEWERS, CLASS A, TYPE 2 24"	STORM SEWERS, CLASS A, TYPE 2 30"	PIPE CULVERTS, CLASS A, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 2 24"	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	PIPE CULVERTS, CLASS D, TYPE 1 18"	PIPE CULVERTS, CLASS D, TYPE 1 24"	PIPE CULVERTS, CLASS D, TYPE 1 30"	PRECAST CONCRETE BOX CULVERTS 8' X 4'	TRENCH BACKFILL
	FROM	TO		550A0050 FOOT	550A0340 FOOT	550A0410 FOOT	550A0430 FOOT	542A0223 FOOT	542A1069 FOOT	542A5491 FOOT	542D0223 FOOT	542D0229 FOOT	542D0235 FOOT	54010804 FOOT	20800150 CU YD
429	348	349	1.00%		6										0.49
430	349	350	1.00%		49										28.27
431	352	351	1.00%		6										0.75
432	352	353	1.00%		53										29.85
433	354	355	1.00%		24										6.12
434	355	356	0.50%		28										12.64
435	357	358	1.00%		24										5.65
436	358	359	0.50%		28										11.38
437	360	361	1.00%		24										6.12
438	361	362	0.50%		28										13.28
439	363	364	1.00%		28										10.74
440	365	366	1.00%		60										13.53
441	366	367	1.00%		28										12.96
442	368	369	1.00%		84										16.30
443	369	370	1.00%		28										11.95
444	371	372	1.00%		48										4.36
445	372	373	1.02%		60										11.64
446	373	374	1.00%		29										11.56
447	375	376	1.50%		34										10.37
448	377	378	2.00%		33										14.28
600	500	501	1.00%		7										0.92
601	502	504	1.00%		7										1.14
602	501	504	1.00%		49										9.00
604	504	505	1.00%		27										6.33
605	506	501	1.00%		35										2.28
606	507	508	1.00%		70										13.58
607	508	509	1.00%		33										16.16
608	510	508	2.00%		30										5.51
609	511	510	2.00%		7										1.21
610	512	513	0.50%		36										0.00
611	513	514	0.50%		67										0.00

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.drain-sch02.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller
 PLOT SCALE = 100.0000' / in.
 PLOT DATE = 10/21/2022

DESIGNED - JMR
 DRAWN - AJM
 CHECKED - APS
 DATE - 10/21/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES
 (SHEET 2 OF 5)

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	98
CONTRACT NO. 87800			ILLINOIS FED. AID PROJECT	

PROPOSED STORM PIPE SCHEDULE															
ID NUMBER	STRUCTURE		SLOPE	STORM SEWERS, CLASS A, TYPE 1 12"	STORM SEWERS, CLASS A, TYPE 2 12"	STORM SEWERS, CLASS A, TYPE 2 24"	STORM SEWERS, CLASS A, TYPE 2 30"	PIPE CULVERTS, CLASS A, TYPE 1 18"	PIPE CULVERTS, CLASS A, TYPE 2 24"	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	PIPE CULVERTS, CLASS D, TYPE 1 18"	PIPE CULVERTS, CLASS D, TYPE 1 24"	PIPE CULVERTS, CLASS D, TYPE 1 30"	PRECAST CONCRETE BOX CULVERTS 8' X 4'	TRENCH BACKFILL
	FROM	TO		550A0050 FOOT	550A0340 FOOT	550A0410 FOOT	550A0430 FOOT	542A0223 FOOT	542A1069 FOOT	542A5491 FOOT	542D0223 FOOT	542D0229 FOOT	542D0235 FOOT	54010804 FOOT	20800150 CU YD
612	515	516	2.50%									99			17.32
613	517	518	2.50%		33										14.54
614	523	519	1.34%											104	0.00
615	520	521	1.00%		7										1.14
616	521	522	2.50%		34										13.68
617	524	525	0.80%		7										0.92
618	525	526	2.16%		29										13.19
800	701	700	0.50%								45				1.58
801	703	702	0.50%								52				2.01
802	705	704	0.54%								56				2.10
803	706	707	0.90%								45				3.90
804	709	708	0.60%								51				1.26
805	711	710	0.60%								52				1.58
806	713	712	0.60%								52				1.47
807	715	714	0.50%								55				3.15
808	716	717	1.00%								56				6.39
TOTAL				195	1,700	84	853	19	122	170	497	99	45	104	690

PROPOSED STORM STRUCTURE SCHEDULE																								
STRUCTURE NO.	STATION	OFFSET	RIM ELEV	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	BOX CULVERT END SECTIONS, CULVERT NO. 1	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIV. ROUND-SIZE 36"	METAL FLARED END SECTIONS 18"	METAL FLARED END SECTIONS 24"	METAL FLARED END SECTIONS 30"	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 5 FRAME, OPEN LID	INLETS, TYPE A, TYPE 8 GRATE	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	
								54001001 EACH	54213657 EACH	54213669 EACH	54213675 EACH	54214521 EACH	54262718 EACH	54262724 EACH	54262730 EACH	60218400 EACH	60219540 EACH	60221000 EACH	60222240 EACH	60223700 EACH	60223900 EACH	60236200 EACH	60237470 EACH	
100	235+11.00	31.5' LT	650.03	646.50																				1
101	235+15.00	36.0' LT	650.04	646.44	646.44	646.44											1							
102	1300+00.00	24.7' LT	651.55	645.93		645.93										1								
103	1300+00.00	60.0' LT	645.77	645.77																				
300	239+37.00	0.0' CT	650.35			645.45																	1	
301	240+00.00	52.0' LT	644.50		644.50					1														
302	240+00.00	0.0' CT	650.49	644.41	643.91	643.91	644.50													1				
303	240+00.00	54.0' RT	644.00	644.00						1														
304	244+00.00	0.0' CT	652.05			643.48	643.48												1					
305	246+00.00	0.0' CT	650.95			643.27	643.27												1					
306	248+27.00	0.0' CT	647.94		643.03		643.03															1		
307	248+27.00	48.0' RT	642.97	642.97							1													
308	252+00.00	0.0' CT	646.00	642.42																			1	

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162.drain-sch03.dgn
 PEN TABLE: 19162.tbl



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PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
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	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES			
(SHEET 3 OF 5)			
SCALE:	SHEET 3 OF 5 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	99
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				

PROPOSED STORM STRUCTURE SCHEDULE

STRUCTURE NO.	STATION	OFFSET	RIM ELEV	INVERT (N)	INVERT (S)	INVERT (E)	INVERT (W)	BOX CULVERT END SECTIONS, CULVERT NO. 1	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	METAL FLARED END SECTIONS 18"	METAL FLARED END SECTIONS 24"	METAL FLARED END SECTIONS 30"	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 5 FRAME, OPEN LID	INLETS, TYPE A, TYPE 8 GRATE	INLETS, TYPE A, TYPE 24 FRAME AND GRATE
								54001001 EACH	54213657 EACH	54213669 EACH	54213675 EACH	54214521 EACH	54262718 EACH	54262724 EACH	54262730 EACH	60218400 EACH	60219540 EACH	60221000 EACH	60222240 EACH	60223700 EACH	60223900 EACH	60236200 EACH	60237470 EACH
309	252+00.00	44.0' LT	642.20		642.20				1														
310	256+00.00	0.0' CT	644.19		641.08																	1	
311	256+00.00	43.0' RT	640.65	640.65					1														
312	259+00.00	50.0' LT	640.10		640.10						1												
313	259+00.00	51.0' RT	639.75	639.75							1												
314	259+07.00	50.0' LT	640.10		640.10						1												
315	259+07.00	51.0' RT	639.75	639.75							1												
316	264+50.00	0.0' CT	643.23	638.83																		1	
317	264+50.00	48.0' LT	638.35		638.35				1														
318	269+00.00	0.0' CT	640.47	634.83																		1	
319	269+00.00	53.0' LT	634.30		634.30				1														
320	271+74.00	56.5' LT	632.38			632.38									1								
321	272+27.00	56.7' LT	632.01				632.01								1								
322	271+81.00	51.9' LT	633.51			633.51								1									
323	272+19.00	52.6' RT	633.09				633.09							1									
324	273+50.00	0.0' CT	637.70	632.68																		1	
325	273+50.00	57.0' LT	631.25		631.25				1														
326	275+25.00	9.0' LT	636.63	630.87																			1
327	275+25.00	57.5' LT	630.38		630.38				1														
328	277+25.00	0.0' CT	635.40	630.38																		1	
329	277+25.00	9.0' LT	635.40	630.19	630.29												1						
330	277+25.00	55.2' LT	629.73		629.73				1														
331	279+25.00	9.0' LT	634.17	629.56																			1
332	279+25.00	51.9' LT	629.13		629.13				1														
333	280+60.00	0.0' CT	633.63	629.20																		1	
334	280+60.00	48.0' LT	628.72		628.72				1														
335	284+85.00	66.0' LT	626.95		626.95									1									
336	285+15.00	66.0' LT	626.85	626.85										1									
339	287+00.00	70.0' RT	626.65		626.65					1													
340	287+00.00	64.0' LT	627.00	627.00						1													
341	288+00.00	0.0' CT	634.48		629.72																	1	
342	288+00.00	27.0' RT	634.12	628.76	627.34												1						
343	288+00.00	64.7' RT	627.00	627.00					1														
344	290+35.00	0.0' CT	633.31		628.71																	1	
345	290+35.00	9.0' RT	633.31	628.62	628.52	633.31											1						
346	290+45.00	9.0' RT	633.32			629.32																	1
347	290+35.00	66.5' RT	627.94	627.94					1														
348	292+00.00	0.0' CT	634.28		629.52																	1	
349	292+00.00	9.0' RT	634.28	629.43	629.33																		
350	292+00.00	66.0' RT	628.76	628.76					1														
351	294+50.00	0.0' CT	636.82		630.81																	1	
352	294+50.00	9.0' RT	636.82	630.72	630.62																		
353	294+50.00	69.9' RT	630.01	630.01					1														
354	297+00.00	0.0' CT	639.35		634.16																	1	
355	297+00.00	27.0' RT	638.99	633.89	633.79																		
356	297+00.00	62.8' RT	633.61	633.61					1														
357	299+50.00	0.0' CT	641.88		636.90																	1	
358	299+50.00	27.0' RT	641.52	636.62	636.61																		
359	299+50.00	62.8' RT	636.14	636.14					1														
360	302+00.00	0.0' CT	644.42		639.21																	1	
361	302+00.00	27.0' RT	644.06	638.94	638.84																		
362	302+00.00	62.8' RT	638.66	638.66					1														
363	304+50.00	32.5' RT	646.48		641.55																		1
364	304+50.00	68.0' RT	641.19	641.19					1														
365	306+80.00	29.3' RT	648.78		644.49																		1
366	306+80.00	32.8' RT	648.81	643.87	643.77																		
367	306+80.00	68.7' RT	643.41	643.41					1														
368	307+64.00	55.0' LT	648.84		645.34																		1
369	307+64.00	29.8' RT	649.66	644.49	644.39																		

HRG PROJECT NO.: 19162
 HRG PROJ. CONTACT:
 FILE NAME: 19162_drain-struct.dgn
 PEN TABLE: 19162.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 10/21/2022	CHECKED - APS	REVISED -
	DATE - 10/21/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES
(SHEET 4 OF 5)

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2514	19-00154-00-FP	KENDALL	312	100
CONTRACT NO. 87800				
ILLINOIS FED. AID PROJECT				