

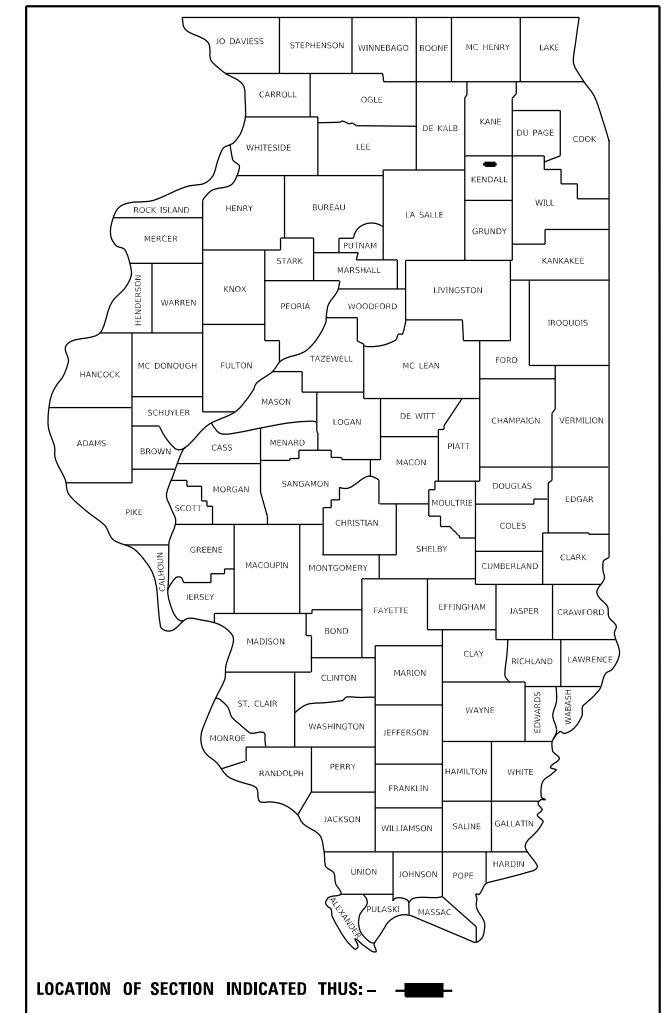
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-SP	KENDALL	26	1
		ILLINOIS	CONTRACT NO.	

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

PROPOSED PLANS FOR ROADWAY RECONSTRUCTION

**ROUTE 3791
CANNONBALL TRAIL
SECTION 20-02118-00-SP**

**CANNONBALL TRAIL
RECONSTRUCTION FROM
ALICE AVE TO PATRICIA LN**



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LIST OF HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
542411	SLOPED METAL ENDSECTIONS FOR PIPE CULVERTS 15" THRU 60" DIA.
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS 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
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

TRAFFIC DATA

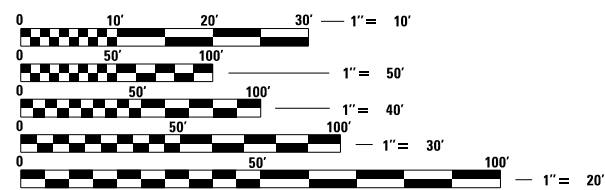
DESIGN DESIGNATIONS:
CANNONBALL TRAIL = MAJOR COLLECTOR

ADT:
CANNONBALL TRAIL = 11,000 (2040)

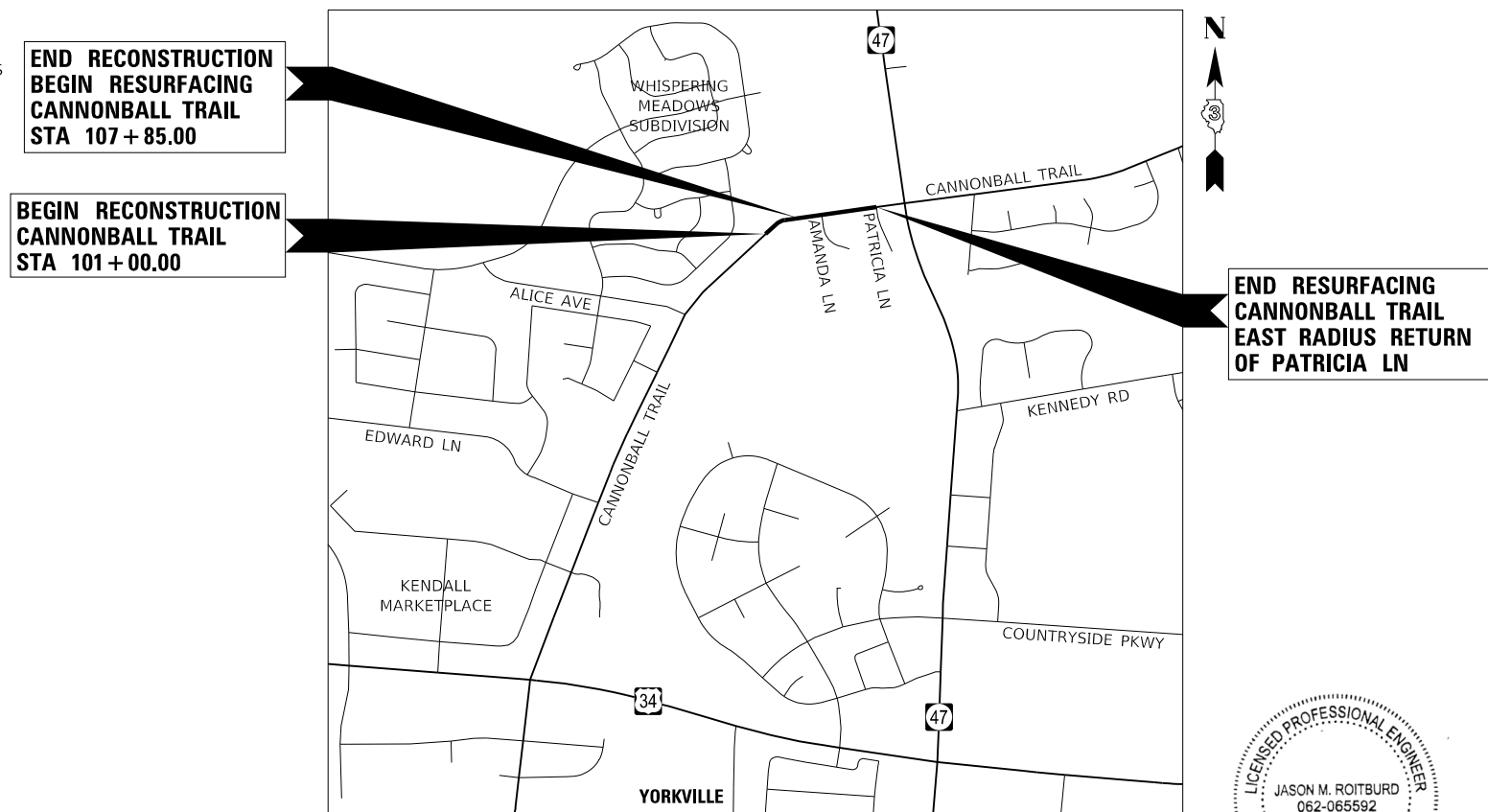
DESIGN SPEED:
CANNONBALL TRAIL = 45 MPH

POSTED SPEED:
CANNONBALL TRAIL = 45 MPH

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.



PROJECT GROSS AND NET LENGTHS:
CANNONBALL TRAIL RECONSTRUCTION = 685 FEET (0.13 MILES)
CANNONBALL TRAIL RESURFACING = 800 FEET (0.15 MILES)
TOTAL = 1485 FEET (0.28 MILES)

Jason M. Roitburd
JASON M. ROITBURD, P.E.
NO. 062-065592
EXPIRES: 11/30/2023
HR GREEN, INC.

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

GENERAL NOTES

PAVING

THE THICKNESS OF HMA MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

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.

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.

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.

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.

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

AT&T CARL DONAHUE 866 ROCK CREEK ROAD PLANO, IL 60545 (630) 573-6414	JMC ENGINEERS AND ASSOCIATES, INC. RICH MEYERS 201 S. CRESCENT STREET GILMAN, IL 60938 (815) 265-4056	NICOR CHARLES "CHIP" PARROTT, PE 1844 FERRY ROAD NAPERVILLE, IL 60563-9600 (630) 388-3319
COMCAST ROBERT STROLL 688 INDUSTRIAL DRIVE ELMHURST, IL 60126 (630) 600-6213	THE UNITED CITY OF YORKVILLE ERIC DHUSE 800 GAME FARM ROAD YORKVILLE, IL. 60560 (630) 553-4350 EDHUSE@YORKVILLE.IL.US	METRONET LORI KEMPER 3701 COMMUNICATIONS WAY EVANSVILLE, IN 47715 (812) 213-1050
COMED PETE KRATZER 1N423 SWIFT ROAD LOMBARD, IL 60148 (630) 424-5704		

HMA MIXTURE REQUIREMENTS

	HMA BINDER (CANNONBALL TRAIL) (TEMPORARY PAVEMENT)	HMA SURFACE (CANNONBALL TRAIL) (ENTRANCES)
PG GRADE	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION	IL 19.0	IL 9.5
FRICTION AGGREGATE		MIXTURE D
MIXTURE WEIGHT	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM	QCQA	QCQA
SUBLOT SIZE	NA	NA
DENSITY TEST METHOD	CORES	CORES

MATERIAL SHALL BE COMPACTED TO 93.0 - 97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QA/QC SPECIFICATION.

WHEN MORE THAN 20% RAP IS USED, A SOFTER ASPHALT BINDER (PG58-22) MAY BE REQUIRED AS DETERMINED BY THE ENGINEER.

HRG PROJECT NO: 202011
 HRG PROJ CONTACT:
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	DRAWN - AJM	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2022	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

GENERAL NOTES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	2
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	TOTAL
	20200100	EARTH EXCAVATION	CU YD	686
	20400800	FURNISHED EXCAVATION	CU YD	151
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	521
	25000210	SEEDING, CLASS 2A	ACRE	0.48
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	44
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	44
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	44
	25100630	EROSION CONTROL BLANKET	SQ YD	2,341
	28000305	TEMPORARY DITCH CHECKS	FOOT	45
	28000400	PERIMETER EROSION BARRIER	FOOT	1,297
	28000500	INLET AND PIPE PROTECTION	EACH	1
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2,512
	31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	1,975
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	8,665
	40603085	HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N70	TON	1,733
	40604062	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N70	TON	496
	44000100	PAVEMENT REMOVAL	SQ YD	3,587
	44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	3,095
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	51
	54260415	SLOPED METAL END SECTION, STANDARD 542411, 15", 1:4	EACH	2
	542C0220	PIPE CULVERTS, CLASS C, TYPE 1 15"	FOOT	34
	66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2
	67100100	MOBILIZATION	L SUM	1
Δ	70300100	SHORT TERM PAVEMENT MARKING	FOOT	807
Δ	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	269
Δ	70306120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE III TAPE	FOOT	10,775
Δ	72000100	SIGN PANEL - TYPE 1	SQ FT	33

Δ = INDICATES SPECIALTY ITEM
* = SEE SPECIAL PROVISIONS

S.P.	PAY ITEM NO.	DESIGNATION	UNIT	TOTAL
Δ	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	57
Δ	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	4
Δ	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	16
Δ	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	5,753
Δ	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	161
Δ	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	221
Δ	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	26
Δ	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3,592
	* X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	1
	* X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	3
	* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
Δ	* X7010238	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL MO	6
Δ	* X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	42
	* Z0013798	CONSTRUCTION LAYOUT	L SUM	1
	* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	250
	* Z0062456	TEMPORARY PAVEMENT	SQ YD	1,513

Δ = INDICATES SPECIALTY ITEM
* = SEE SPECIAL PROVISIONS

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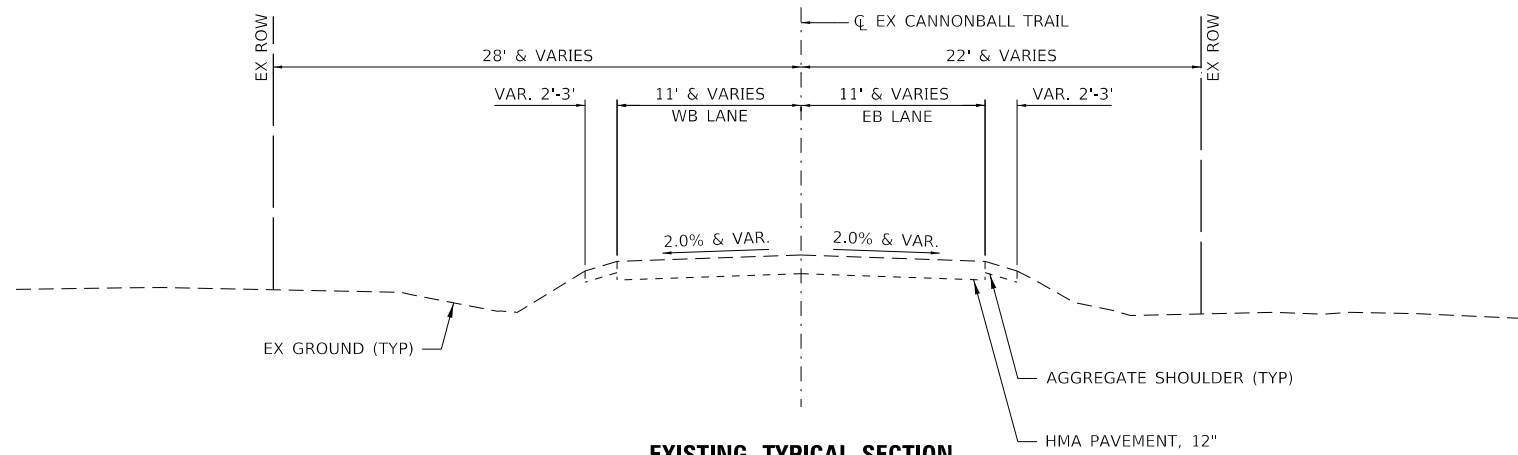
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PLOT DATE = 3/4/2022	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

SUMMARY OF QUANTITIES

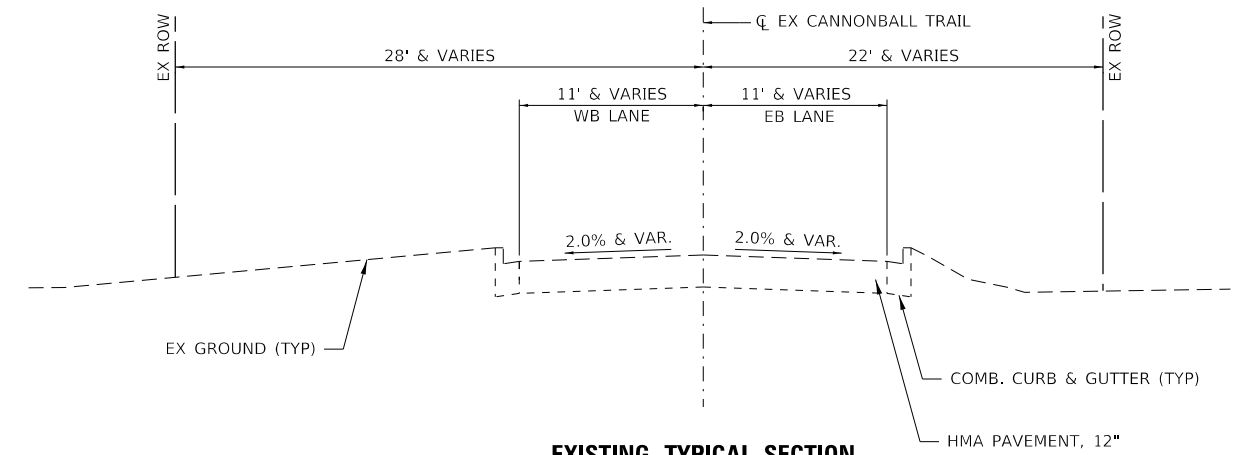
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	3
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



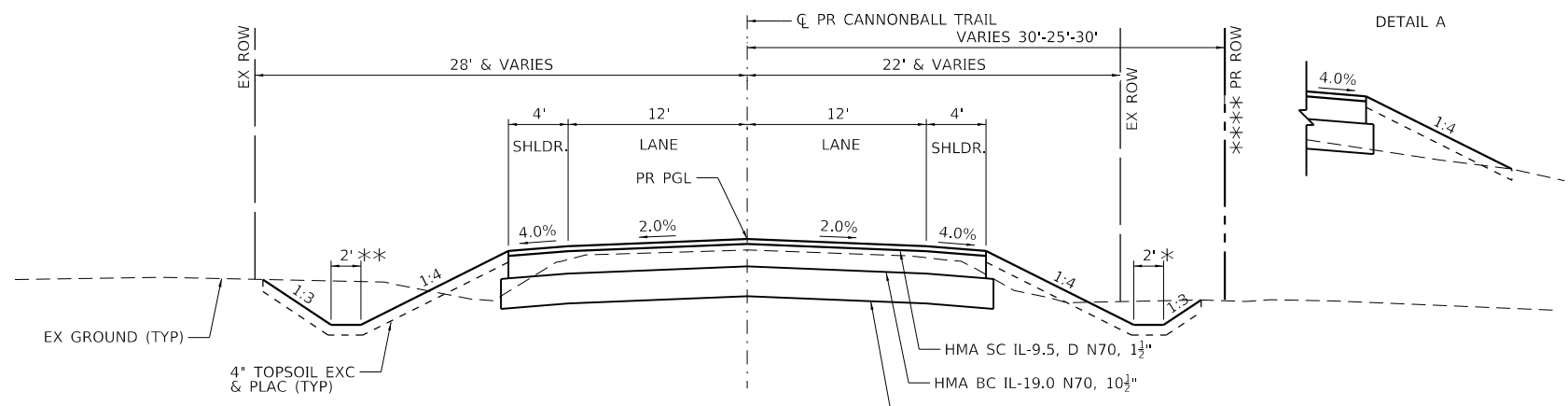
**EXISTING TYPICAL SECTION
CANNONBALL TRAIL**

STA 101+00.00 TO STA 107+85.00



**EXISTING TYPICAL SECTION
CANNONBALL TRAIL**

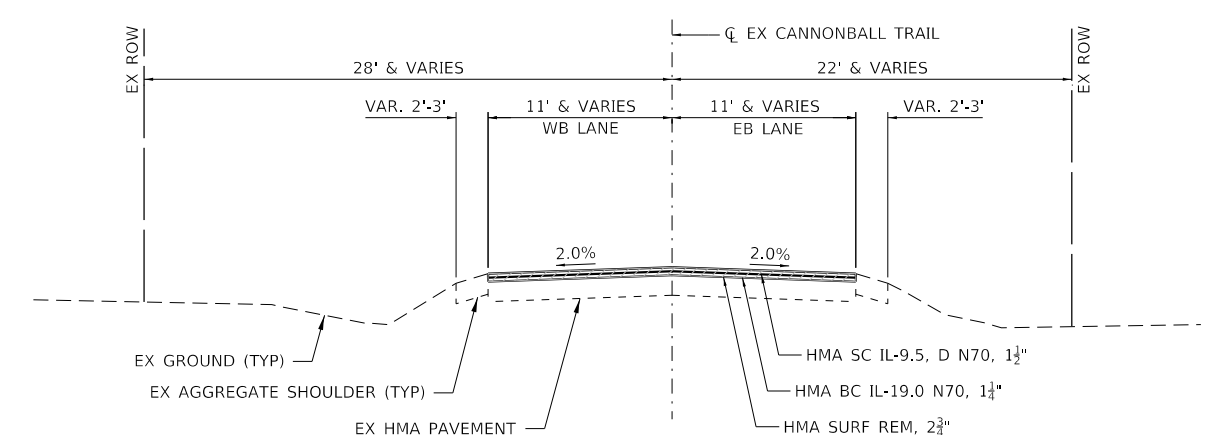
EAST OF AMANDA LN TO EAST OF PATRICIA LN



**PROPOSED TYPICAL SECTION
CANNONBALL TRAIL**

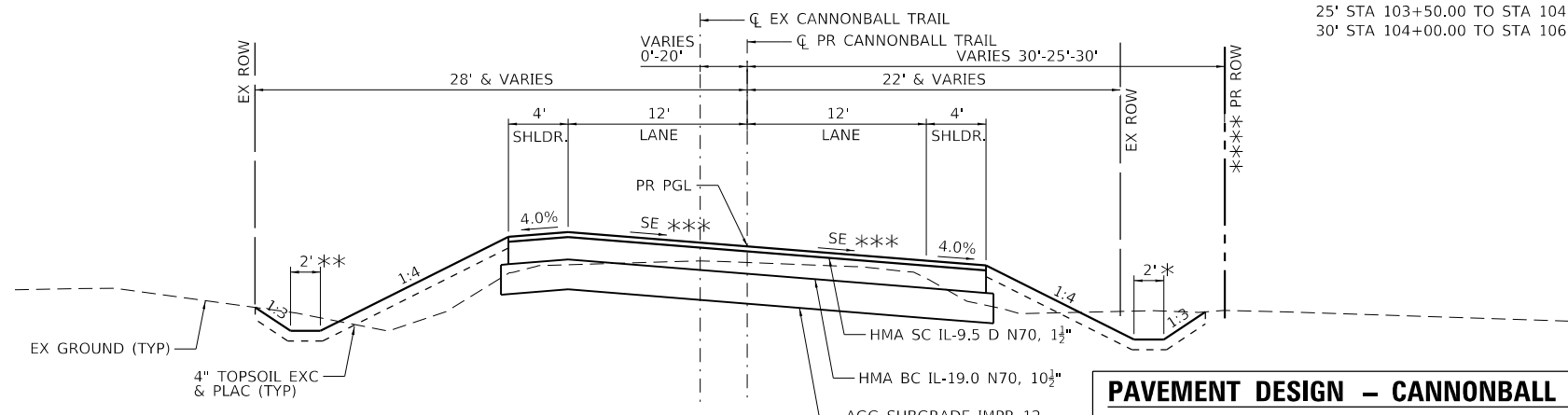
(NO SUPERELEVATION)
STA 101+00.00
STA 107+75.00 TO STA 107+85.00

RT DITCH: STA 103+50.00 TO STA 105+50.00
STA 106+00.00 TO STA 108+00.00
LT DITCH: STA 101+00.00 TO STA 103+50.00
SEE SUPERELEVATION TRANSITION DETAILS
PROPOSED ROW: 30' STA 101+50.00 TO STA 103+50.00
25' STA 103+50.00 TO STA 104+00.00
30' STA 104+00.00 TO STA 106+00.00



**PROPOSED TYPICAL SECTION
CANNONBALL TRAIL**

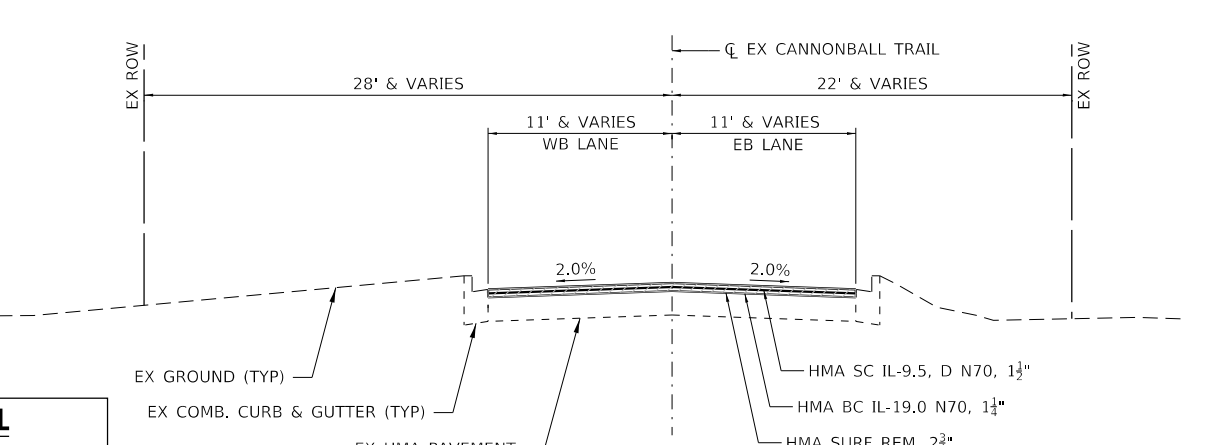
STA 107+85.00 TO EAST OF AMANDA LN



**PROPOSED TYPICAL SECTION
CANNONBALL TRAIL**

(SEE SUPERELEVATION TRANSITION DETAILS)
STA 101+00.00 TO STA 107+75.00
FULL 4% SUPERELEVATION
STA 102+34.00 TO STA 106+41.00
SUPERELEVATION TRANSITION
STA 101+00.00 TO STA 102+34.00
STA 106+41.00 TO STA 107+75.00

PAVEMENT DESIGN – CANNONBALL TRAIL
STRUCTURAL DESIGN TRAFFIC (YEAR 2032)
PV = 10,025 SU = 800 MU = 560
CLASS II ROAD
SUBGRADE = POOR
TRAFFIC FACTOR = 3.07
PAVEMENT STRUCTURE MATERIALS:
SURFACE COURSE: HMA SURFACE COURSE, IL-9.5, MIX "D", N70 - 1 1/2"
BINDER COURSE: HMA BINDER COURSE, IL-19.0, N70 - 10 1/2"
SUBGRADE TYPE: AGGREGATE SUBGRADE IMPROVEMENT 12"



**PROPOSED TYPICAL SECTION
CANNONBALL TRAIL**

EAST OF AMANDA LN TO EAST OF PATRICIA LN

HRG PROJECT NO. 202011
HRG PROJ CONTACT:
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PEN TABLE: 20_TypSecs.tbl



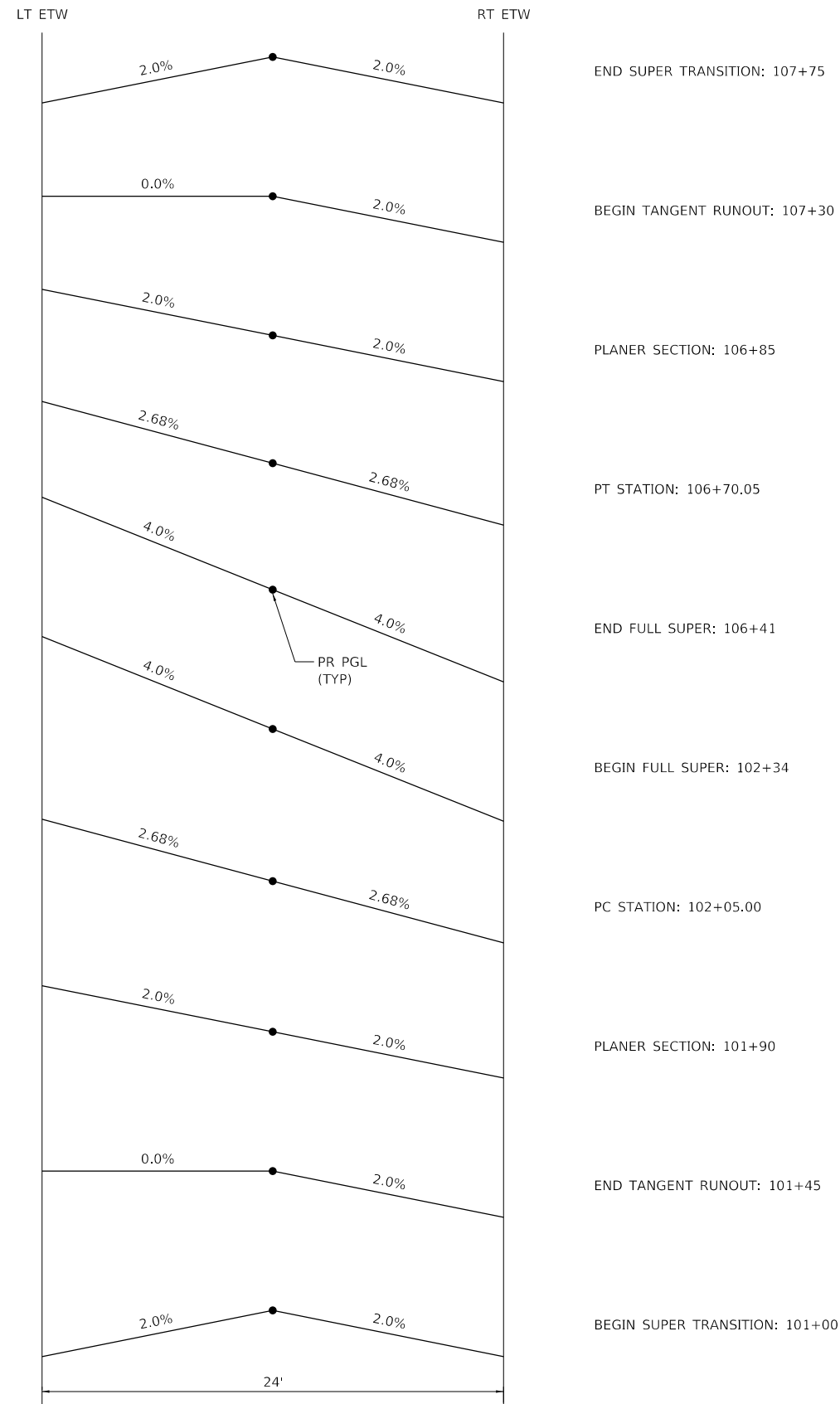
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PLOT DATE = 3/4/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

**TYPICAL SECTIONS
CANNONBALL TRAIL**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	4
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



CURVE PR_CANNONBALL_03

e = 4.0%
 TR = 45'
 SE RUNOFF = 89'

HRG PROJECT NO: 2023/1
 HRG PROJ CONTACT:
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 PEN TABLE: 1010tbl.tbl



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	DRAWN - AJM	REVISED -
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PLOT DATE = 3/4/2022	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
 KENDALL COUNTY**

**SUPERELEVATION TRANSITION DETAILS
 CANNONBALL TRAIL**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	5
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE											
LOCATION	AGGREGATE SUBGRADE IMPROVEMENT 12" (SQ YD)	SUBBASE GRANULAR MATERIAL TYPE B 8" (SQ YD)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (TON)	HOT-MIX ASPHALT SURF. COURSE IL-9.5 MIX "D", N70 (TON)	PAVEMENT REMOVAL (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4" (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	TEMPORARY ACCESS (PRIVATE ENTRANCE) (EACH)	TEMPORARY ACCESS (COMMERCIAL ENTRANCE) (EACH)	TEMPORARY PAVEMENT (SQ YD)
STA 101+00.00 TO STA 107+85.00	2,512		6576	1,432	205	2,074					
STA 107+85.00 TO PATRICIA LN			2089	217	260		3,095				
DRIVEWAYS											
STA 101+88.00 (PE)		75		10	7			20	1		
STA 104+00.00 (CE)		108		27	9					1	
STA 104+78.00 (CE)		98		25	8					1	
STA 107+03.00 (CE)		87		22	7			31		1	
STAGE I - MOT											
STA 99+50.00 TO STA 109+35.00		1607									1513
STAGE III - MOT											
STA 101+00.00 TO STA 102+72.00						89					
STA 106+04.00 TO STA 107+85.00						94					
STAGE III-B - MOT											
STA 99+50.00 TO STA 109+35.00						1330					
TOTALS:	2,512	1,975	8665	1733	496	3,587	3,095	51	1	3	1513

LOCATION	PAVEMENT MARKING REMOVAL WATER BLASTING (SQ FT)	WORK ZONE PAVEMENT MARKING				SHORT-TERM PAVEMENT MARKING	
		LINE - 4"				MEDIAN LINE YELLOW (FOOT)	LANE LINE WHITE (FOOT)
		SOLID EDGE LINE WHITE (FOOT)	SOLID EDGE LINE WHITE (FOOT)	SOLID LANE LINE WHITE (FOOT)	SOLID LANE CL YELLOW (FOOT)		
PRE-STAGE							
107+85.00 TO PATRICIA LN				115	1196		
STAGE I							
CANNONBALL TRAIL							
STA. 99+50.00 TO STA. 109+35.00	1031	910			930		
STAGE 2							
CANNONBALL TRAIL							
STA. 99+50.00 TO STA. 109+35.00	2871	1016	984		1021		
STAGE 3							
CANNONBALL TRAIL							
STA. 99+50.00 TO STA. 109+35.00	4539	1963	1541		68	200	400
107+85.00 TO PATRICIA LN						70	137
TOTAL	3592		10775			807	

EARTHWORK SCHEDULE

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 SURPLUS (+) OR SHORTAGE (-) (CU YD)	EARTH BALANCE SURPLUS (+) OR SHORTAGE (-) (CU YD)
CANNONBALL TRAIL								
100+00 TO STA 107+85	695	521	135	686	515	416	386	99
STAGE I								
TEMPORARY PAVEMENT	0	0	0	0	0	250	0	-250
TOTAL	695	521	135	686	515	666	386	-151

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 CONSTRUCTION.
- 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 THE EMBANKMENT.

SHRINKAGE FACTORS

TOPSOIL & EARTH EXCAVATION 25%

PAY ITEMS

DESCRIPTION	QUANTITY	UNIT
20200100 EARTH EXCAVATION	686	CU YD
20400800 FURNISHED EXCAVATION	151	CU YD
*21101505 TOPSOIL EXCAVATION AND PLACEMENT	521	CU YD

* NOMINAL QUANTITY INCLUDED FOR TEMPORARY PAVEMENT CONSTRUCTED IN STAGE I.

PAVEMENT MARKING SCHEDULE									
LOCATION	LETTERS & SYMBOLS (SQFT)	LINE - 4"		LINE - 8"		LINE 12"	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	RECESSED REFLECTIVE PAVEMENT MARKER (EACH)	
		MEDIAN LINE SOLID YELLOW (FOOT)	EDGE LINE SOLID WHITE		SKIP DASH WHITE (FOOT)	SOLID WHITE (FOOT)			SOLID YELLOW (FOOT)
			LEFT (FOOT)	RIGHT (FOOT)					
CANNONBALL TRAIL									
STA 101+00.00 TO STA 107+85.00		1370	693	678			20	36	
STA 107+85.00 TO PATRICIA LN	15.6	2392	329	291	46	115	6	6	
TOTALS:	15.6	5,753			46	115	26	42	

EROSION CONTROL AND LANDSCAPING SCHEDULES							
LOCATION	TOPSOIL EXCAVATION AND PLACEMENT (CU YD)	SEEDING, CLASS 2A (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHOROUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	EROSION CONTROL BLANKET (SQ YD)	PERIMETER EROSION BARRIER (FOOT)
CANNONBALL TRAIL							
STA 101+00.00 TO STA 101+76.00 (RT)	8	0.01	1	1	1	69	87
STA 101+00.00 TO STA 103+81.05 (LT)	76	0.14	13	13	13	682	314
STA 102+00.00 TO STA 107+85.00 (RT)	103	0.19	17	17	17	927	564
STA 104+18.95 TO STA 104+62.86 (LT)	13	0.02	2	2	2	117	58
STA 104+93.14 TO STA 106+73.00 (LT)	48	0.09	8	8	8	434	195
STA 107+33.00 TO STA 107+85.00 (LT)	12	0.02	2	2	2	112	79
TOTALS:	260	0.48	44	44	44	2,341	1,297

SIGNAGE SCHEDULE					
LOCATION	STANDARD NUMBER (NEW) DESCRIPTION (EXISTING)	SIGN PANEL TYPE 1 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	SIGN PLACEMENT	
				HEIGHT ABOVE EDGE OF PAVEMENT	CENTERLINE / PGL OFFSET
CANNONBALL TRAIL					
STA 101+05 RT	W1-2R-3636	9.00	13.5	7.0	22.0
STA 102+55 RT	R2-1-3036	7.50	15.0	7.0	22.0
STA 106+20 LT	R2-1-3036	7.50	15.0	7.0	22.0
STA 107+70 LT	W1-2R-3636	9.00	13.5	7.0	22.0
TOTALS:		33.00	57		

NOTES:

- ALL EXISTING SHALL BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS.

66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION	PC	PT
1	STA 102+05.00		
1	STA 106+70.05		
2	SUB-TOTAL		

2 TOTAL

70106800 CHANGEABLE MESSAGE SIGN, SPECIAL

CAL MQ	LOCATION
3	CANNONBALL TRAIL EASTBOUND
3	CANNONBALL TRAIL WESTBOUND
6	SUB-TOTAL

6 TOTAL

HRG PROJECT NO. 202011
 HRG PROJ CONTACT:
 FILE NAME: 30_schdrgr
 PEN TABLE: 30106800.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 3/4/2022	CHECKED -	REVISED -
	DATE -	REVISED -

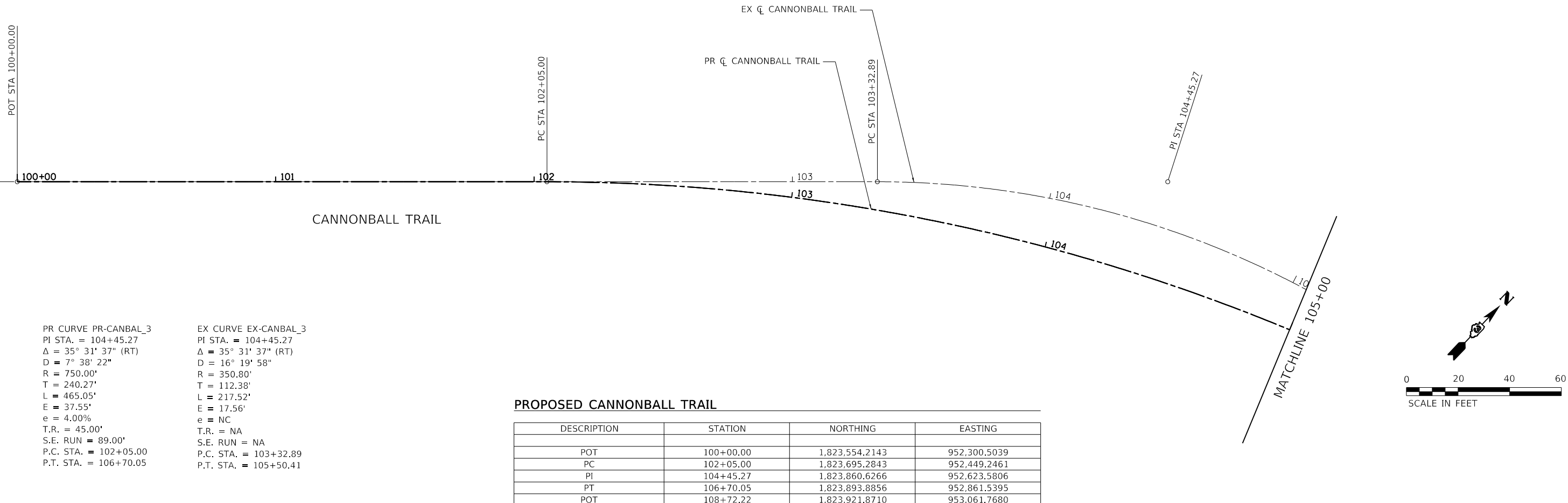
**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

SCHEDULE OF QUANTITIES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	6

CONTRACT NO. ILLINOIS FED. AID PROJECT

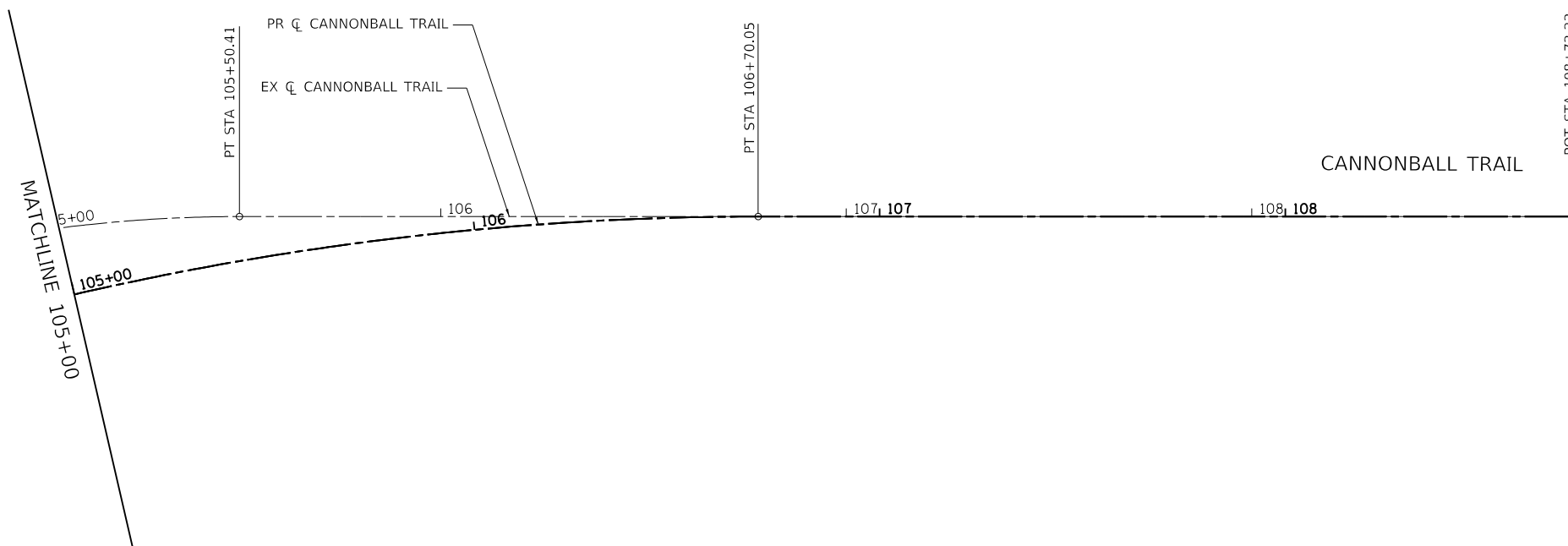


PR CURVE PR-CANBAL_3
 PI STA. = 104+45.27
 $\Delta = 35^\circ 31' 37''$ (RT)
 $D = 7^\circ 38' 22''$
 $R = 750.00'$
 $T = 240.27'$
 $L = 465.05'$
 $E = 37.55'$
 $e = 4.00\%$
 $T.R. = 45.00'$
 $S.E. RUN = 89.00'$
 $P.C. STA. = 102+05.00$
 $P.T. STA. = 106+70.05$

EX CURVE EX-CANBAL_3
 PI STA. = 104+45.27
 $\Delta = 35^\circ 31' 37''$ (RT)
 $D = 16^\circ 19' 58''$
 $R = 350.80'$
 $T = 112.38'$
 $L = 217.52'$
 $E = 17.56'$
 $e = NC$
 $T.R. = NA$
 $S.E. RUN = NA$
 $P.C. STA. = 103+32.89$
 $P.T. STA. = 105+50.41$

PROPOSED CANNONBALL TRAIL

DESCRIPTION	STATION	NORTHING	EASTING
POT	100+00.00	1,823,554.2143	952,300.5039
PC	102+05.00	1,823,695.2843	952,449.2461
PI	104+45.27	1,823,860.6266	952,623.5806
PT	106+70.05	1,823,893.8856	952,861.5395
POT	108+72.22	1,823,921.8710	953,061.7680



BENCHMARKS

- SITE BENCHMARK 1:
5/8" REBAR WITH CAP
ELEVATION: 644.28 (NAVD88)
- SITE BENCHMARK 2:
5/8" REBAR WITH CAP
ELEVATION: 646.00 (NAVD88)
- SITE BENCHMARK 3:
5/8" REBAR WITH CAP
ELEVATION: 644.60 (NAVD88)
- SITE BENCHMARK 4:
5/8" REBAR WITH CAP
ELEVATION: 642.73 (NAVD88)

HRG PROJECT NO: 20201
 HRG PROJ CONTACT:
 FILE NAME: 20_0700.dwg
 PEN TABLE: 20_0700.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 3/4/2022	CHECKED -	REVISED -
	DATE -	REVISED -

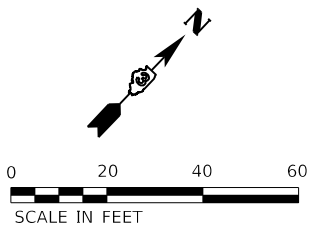
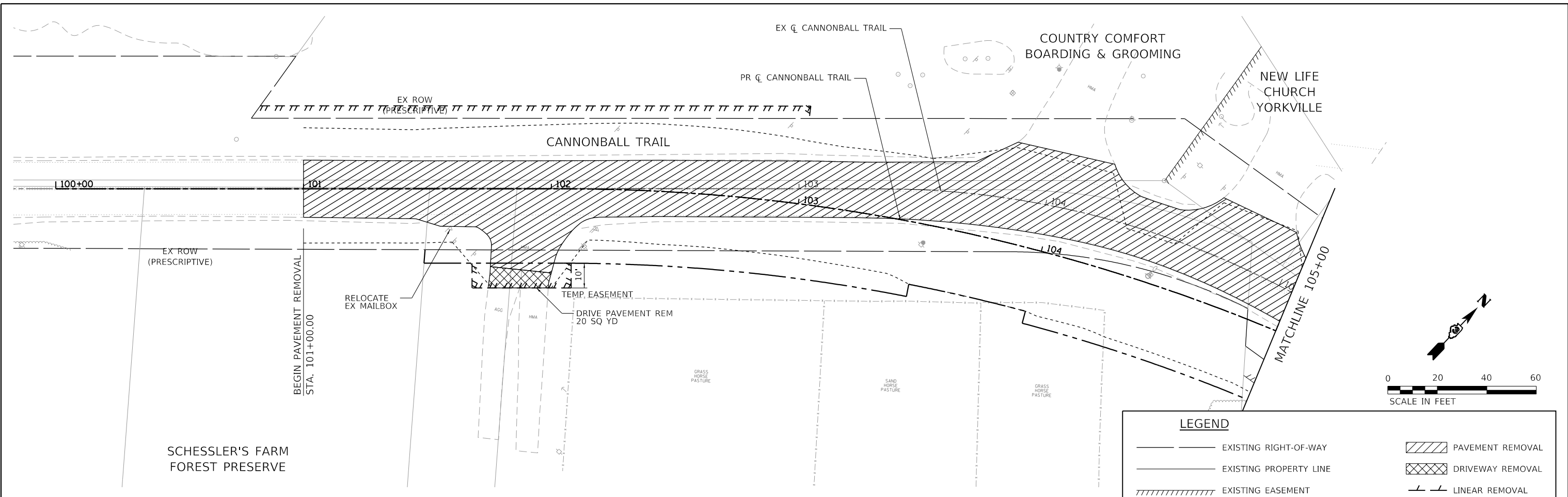
**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

**ALIGNMENT AND BENCHMARKS
CANNONBALL TRAIL**

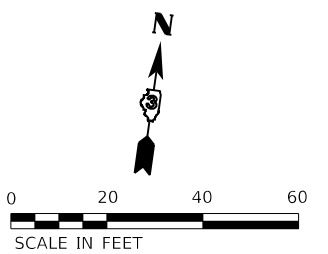
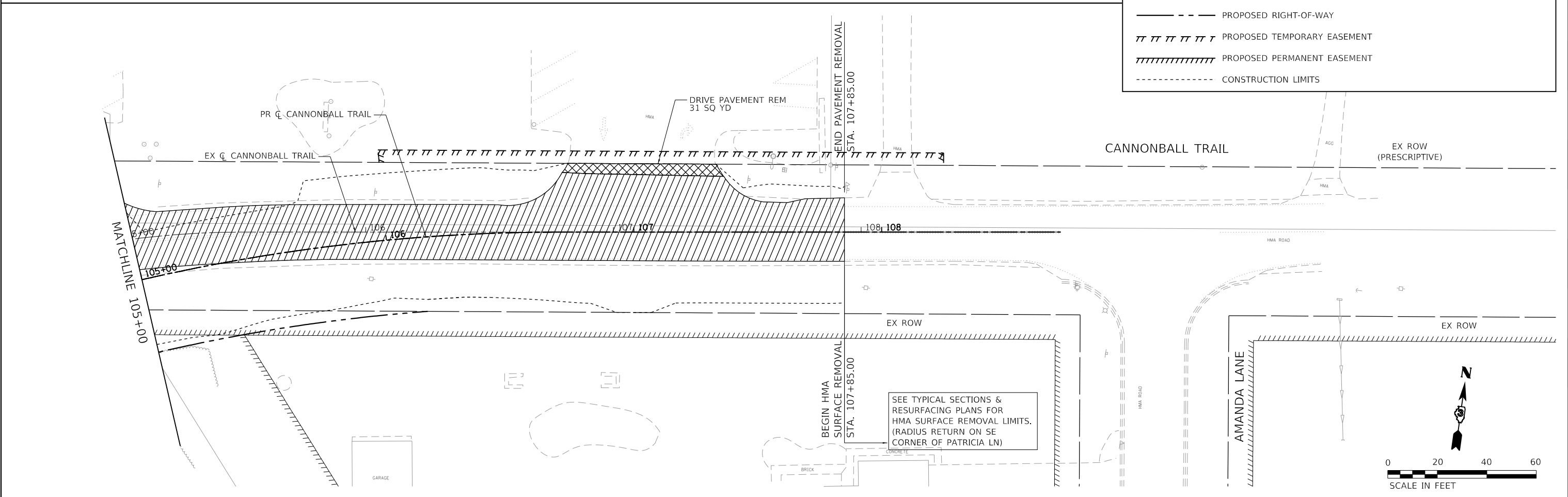
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	7
CONTRACT NO.				

ILLINOIS FED. AID PROJECT



LEGEND			
—	EXISTING RIGHT-OF-WAY		PAVEMENT REMOVAL
- - -	EXISTING PROPERTY LINE		DRIVEWAY REMOVAL
	EXISTING EASEMENT		LINEAR REMOVAL
- - - - -	PROPOSED RIGHT-OF-WAY		
	PROPOSED TEMPORARY EASEMENT		
	PROPOSED PERMANENT EASEMENT		
- - - - -	CONSTRUCTION LIMITS		



HRG PROJECT NO: 20231
 HRG PROJ CONTACT:
 FILE NAME: 30_remove.dwg
 PEN TABLE: 2023tbl.tbl

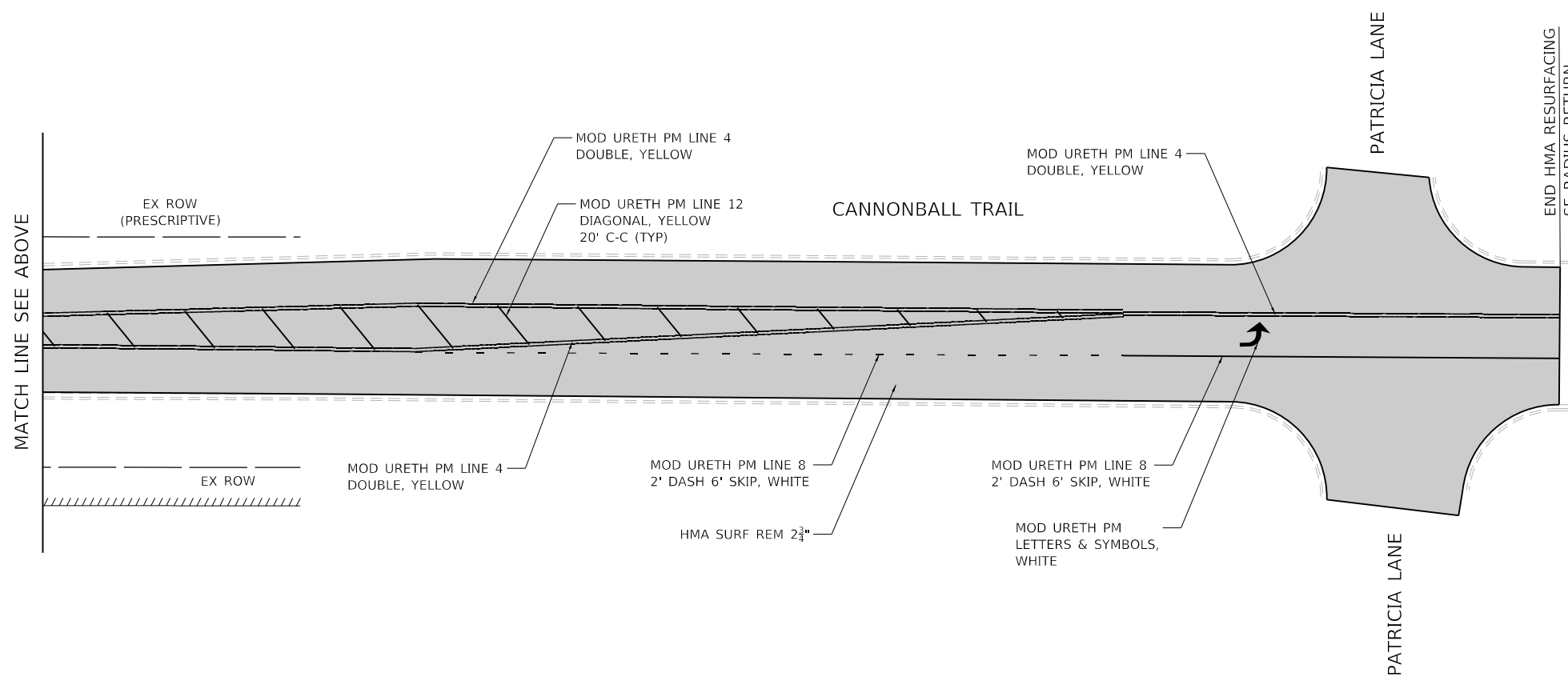
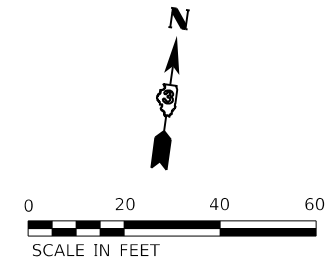
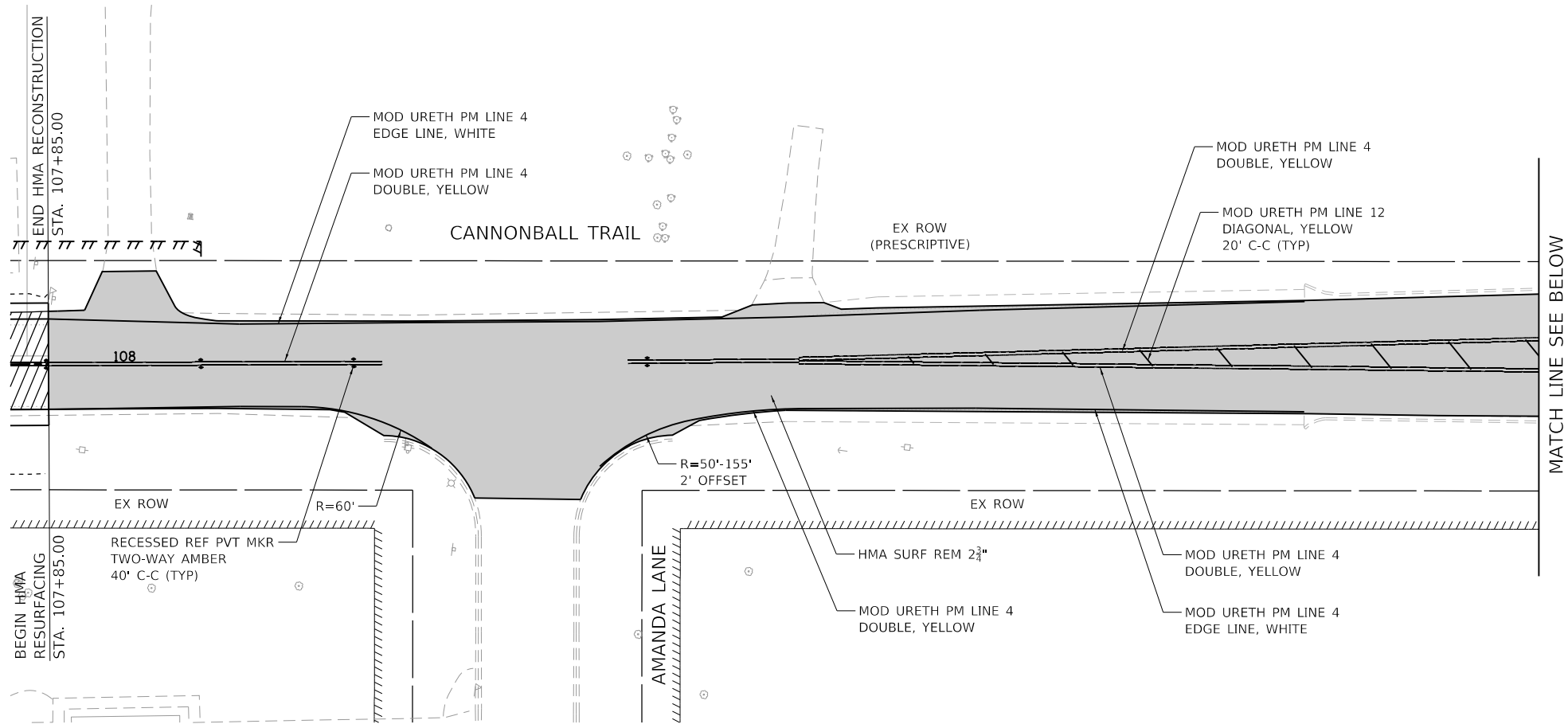


USER NAME = amiller	DESIGNED - JMR	REVISED -
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PLOT DATE = 3/4/2022	DATE -	REVISED -

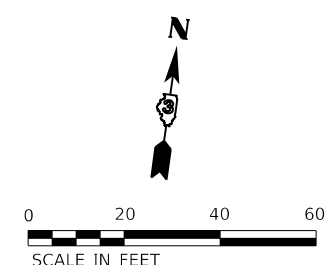
**BRISTOL ROAD DISTRICT
 KENDALL COUNTY**

REMOVAL PLANS	
CANNONBALL TRAIL	
SCALE: 1" = 20'	SHEET 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	8
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT
	CONSTRUCTION LIMITS
	HMA SURFACE REMOVAL 2 3/4"



HRG PROJECT NO: 2023/1
 HRG PROJ CONTACT:
 FILE NAME: 30_resurf-040.dgn
 PEN TABLE: 040.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2022	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

**RESURFACING PLAN
CANNONBALL TRAIL**

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

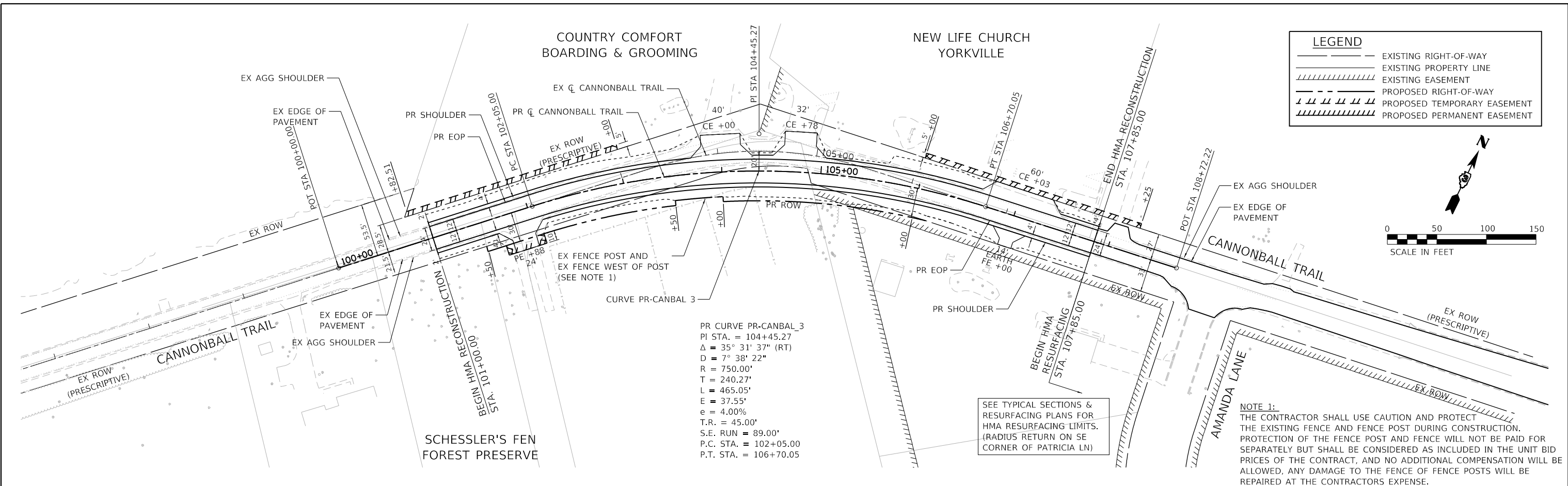
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	9
CONTRACT NO.				

ILLINOIS FED. AID PROJECT

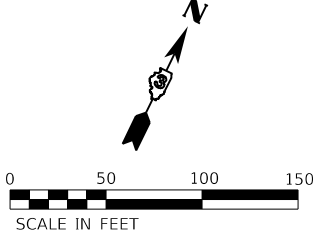
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

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

HRG PROJECT NO. 2020/1
 HRG PROJ. CONTACT:
 FILE NAME: 20_20200509
 PEN TABLE: 20200509.tbl



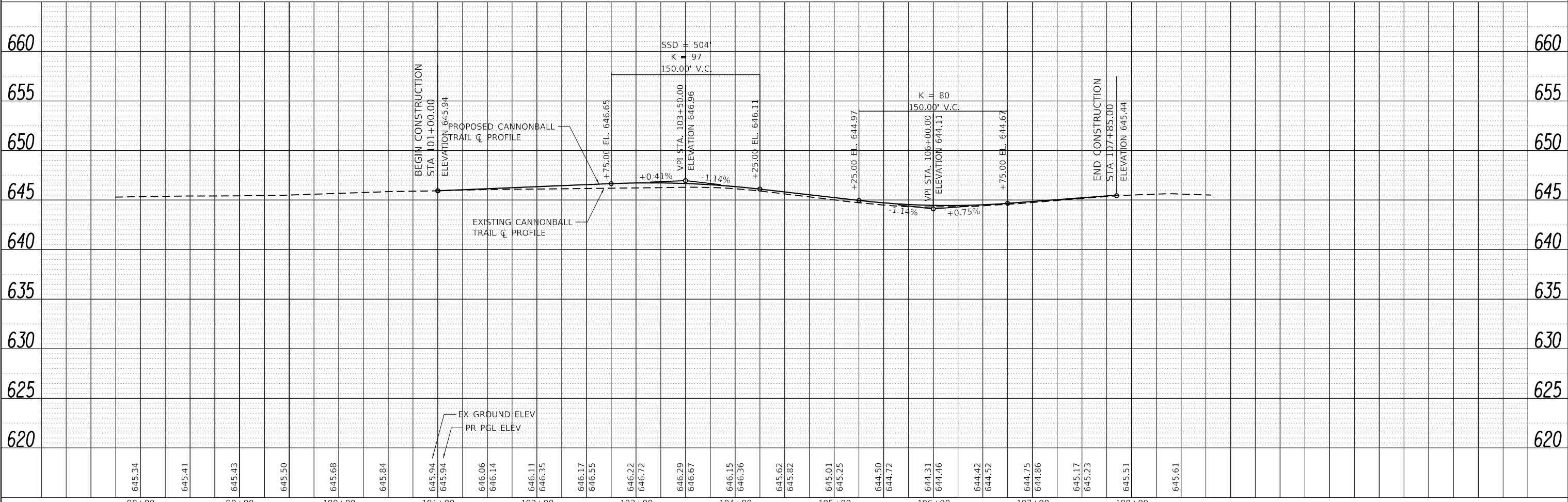
LEGEND	
	EXISTING RIGHT-OF-WAY
	EXISTING PROPERTY LINE
	EXISTING EASEMENT
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED PERMANENT EASEMENT



PR CURVE PR-CANBAL 3
 PI STA. = 104+45.27
 $\Delta = 35^\circ 31' 37''$ (RT)
 $D = 7^\circ 38' 22''$
 $R = 750.00'$
 $T = 240.27'$
 $L = 465.05'$
 $E = 37.55'$
 $e = 4.00\%$
 $T.R. = 45.00'$
 $S.E. RUN = 89.00'$
 $P.C. STA. = 102+05.00$
 $P.T. STA. = 106+70.05$

SEE TYPICAL SECTIONS & RESURFACING PLANS FOR HMA RESURFACING LIMITS. (RADIUS RETURN ON SE CORNER OF PATRICIA LN)

NOTE 1:
 THE CONTRACTOR SHALL USE CAUTION AND PROTECT THE EXISTING FENCE AND FENCE POST DURING CONSTRUCTION. PROTECTION OF THE FENCE POST AND FENCE 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. ANY DAMAGE TO THE FENCE OF FENCE POSTS WILL BE REPAIRED AT THE CONTRACTORS EXPENSE.



645.34	645.41	645.43	645.50	645.68	645.84	645.94	646.06	646.14	646.11	646.35	646.17	646.55	646.22	646.72	646.29	646.67	646.15	646.36	645.62	645.82	645.01	645.25	644.50	644.72	644.31	644.46	644.42	644.52	644.75	644.86	645.17	645.23	645.51	645.61		
98+00	99+00	100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00																										

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USER NAME = amiller	DESIGNED - JMR	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2022	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
 KENDALL COUNTY**

ROADWAY PLAN AND PROFILES	
CANNONBALL TRAIL	
SCALE: 1" = 50'	SHEET 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	10
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

PRE STAGE - CANNONBALL TRAIL

- MILL 2 1/4" OF CANNONBALL TRAIL FROM STATION 107+85 TO RADIUS RETURN ON SOUTHEAST CORNER OF PATRICIA LANE INTERSECTION UNDER TRAFFIC IN ACCORDANCE WITH STANDARD 701306.
- INSTALL TEMPORARY PAVEMENT MARKING AS NECESSARY.

STAGE I - CANNONBALL TRAIL

- SHIFT CANNONBALL TRAIL TRAFFIC SOUTH PER STAGE 1 MOT PLANS.
- REMOVE THE APPLICABLE SHOULDER ALONG THE NORTH SIDE OF CANNONBALL TRAIL AND CONSTRUCT THE TEMPORARY PAVEMENT UNDER TRAFFIC IN ACCORDANCE WITH STANDARD 701306-04.

STAGE II - CANNONBALL TRAIL

- SHIFT CANNONBALL TRAIL TRAFFIC NORTH PER THE STAGE II MOT PLANS.
- REMOVE THE EXISTING PAVEMENT AND CONSTRUCT THE SOUTH SIDE OF CANNONBALL TRAIL UP TO BUT NOT INCLUDING THE FINAL LIFT OF HMA BINDER COURSE.
- CONSTRUCT FINAL GRADING ALONG THE SOUTH SIDE OF CANNONBALL TRAIL ACCORDING TO THE PLANS.

STAGE III - CANNONBALL TRAIL

- SHIFT THE EASTBOUND TRAFFIC ALONG CANNONBALL TRAIL SOUTH PER STAGE III MOT PLANS.
- WESTBOUND TRAFFIC TO REMAIN ON PREVIOUSLY CONSTRUCTED TEMPORARY PAVEMENT PER THE STAGE III MOT PLANS.
- REMOVE THE APPLICABLE PORTIONS OF THE TEMPORARY PAVEMENT PER THE STAGE III MOT PLANS.
- REMOVE THE EXISTING PAVEMENT AND CONSTRUCT THE APPLICABLE PORTIONS OF THE NORTH SIDE OF CANNONBALL TRAIL UP TO BUT NOT INCLUDING THE FINAL LIFT OF HMA BINDER COURSE PER THE STAGE II MOT PLANS.

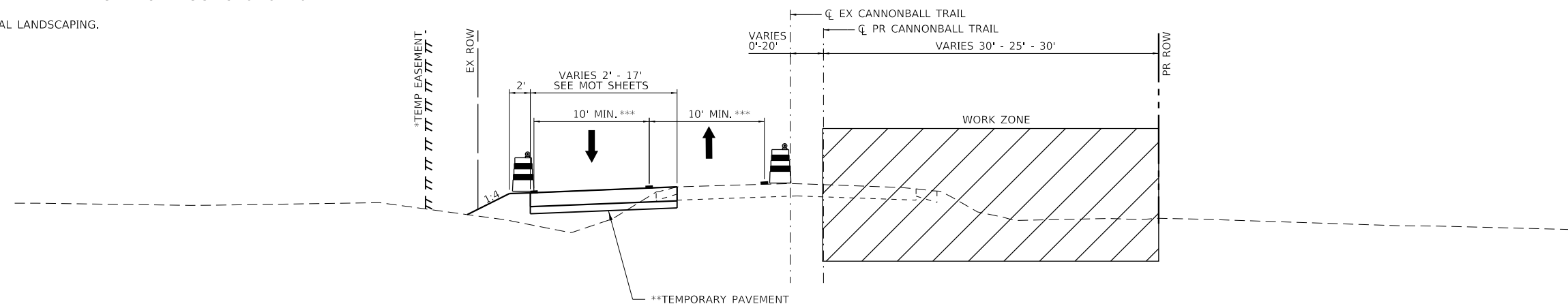
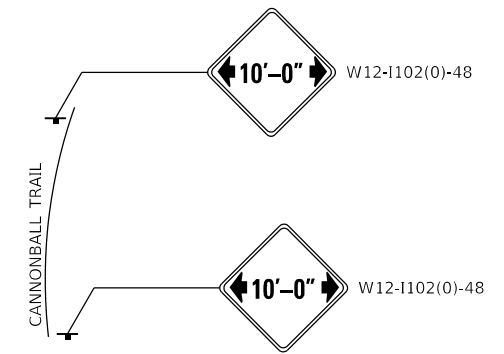
STAGE IIIA - CANNONBALL TRAIL

- SHIFT TRAFFIC TO ITS FINAL CONFIGURATION ALONG CANNONBALL TRAIL.
- REMOVE THE TEMPORARY PAVEMENT ALONG THE NORTH SIDE OF CANNONBALL TRAIL.
- CONSTRUCT THE DRIVEWAY ENTRANCES AND FINAL GRADING ALONG THE NORTH SIDE OF CANNONBALL TRAIL.
- CONSTRUCT THE FINAL LIFT OF HMA BINDER COURSE AND SURFACE COURSE ON CANNONBALL TRAIL UNDER TRAFFIC IN ACCORDANCE WITH STANDARD 701306.
- INSTALL PERMANENT STRIPING AND SIGNAGE ON CANNONBALL TRAIL.
- FINAL LANDSCAPING.

SUGGESTED MAINTENANCE OF TRAFFIC - GENERAL NOTES:

- THE CONTRACTOR SHALL PLACE A CHANGEABLE MESSAGE SIGN AT EACH END OF THE PROJECT AND/OR AS DIRECTED BY THE ENGINEER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THESE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION ACTIVITY. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR MONTH FOR CHANGEABLE MESSAGE SIGN, SPECIAL. A MINIMUM OF ONE THROUGH LANE IN EACH DIRECTION SHALL REMAIN OPEN ON CANNONBALL TRAIL AT ALL TIMES, EXCEPT FOR PERIODS OF SHORT DURATION DURING MILLING AND RESURFACING OPERATIONS OR AS DIRECTED BY THE ENGINEER. TEMPORARY TRAFFIC LANES SHALL BE A MINIMUM OF 10' WIDE ALONG CANNONBALL TRAIL.
- ACCESS TO ALL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR PERIODS OF SHORT DURATION AS DETERMINED BY THE ENGINEER. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS A MINIMUM OF 48 HOURS PRIOR TO ANY ACCESS RESTRICTIONS OR CLOSURES. CONSTRUCTION ADJACENT TO AN ENTRANCE, RESULTING IN A TEMPORARY CLOSURE TO THE ENTRANCE, SHALL BE EXPEDITED AND THE ENTRANCE REOPENED TO TRAFFIC AS SOON AS POSSIBLE. DURING THE TEMPORARY CLOSURE, THE CONTRACTOR SHALL PROVIDE TYPE III BARRICADES WITH "ROAD CLOSED" SIGNS AT THE LOCATIONS DESIGNATED BY THE ENGINEER. TEMPORARY CLOSURES AT ENTRANCES WILL NOT BE PERMITTED DURING THE WEEKEND.
- WORK ZONE PAVEMENT MARKING FOR THE MAINTENANCE OF TRAFFIC SHALL CONSIST OF PAVEMENT MARKING TAPE, TYPE III. EXISTING PAVEMENT MARKINGS IN CONFLICT WITH MAINTENANCE OF TRAFFIC TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED.
- EXISTING OR PROPOSED TRAFFIC SIGNS CONFLICTING WITH THE TEMPORARY TRAFFIC CONTROL SHALL BE TEMPORARILY REMOVED OR COVERED AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AS REQUIRED OR AS DIRECTED BY THE ENGINEER THROUGHOUT THE CONSTRUCTION ZONE FOR THE DURATION OF CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TEMPORARY DRAINAGE WORK. THE EXISTING DRAINAGE SYSTEM SHALL BE USED THROUGHOUT CONSTRUCTION STAGING.
- ALL ADVANCE "ROAD CONSTRUCTION" SIGNS, W20-1 SERIES, AS SHOWN ON THE PLANS, REFERENCED IN THE STANDARDS OR DIRECTED BY THE ENGINEER, SHALL BE EQUIPPED WITH A TYPE B MONODIRECTIONAL FLASHING LIGHT, THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
- VARIOUS TEMPORARY INFORMATION SIGNS SHALL BE REQUIRED AS DIRECTED BY THE ENGINEER. THIS SHALL BE PAID FOR AS THE FOLLOWING:
TEMPORARY INFORMATION SIGNING

ADVANCED WIDTH RESTRICTION SIGNING



STAGE II MOT TYPICAL SECTION

- * TEMPORARY DRAINAGE EASEMENT
STA. 100+82.51 TO STA. 103+00.00
STA. 106+00.00 TO STA. 108+25.00
- ** TEMPORARY PAVEMENT
STA. 99+50.00 TO STA. 109+35.00
- ** MAINTAIN 11' LANES IN STAGE II AS SHOWN IN THE STAGE II PLANS

TEMPORARY PAVEMENT STRUCTURE

- 8" FULL DEPTH HMA PAVEMENT
- 8" HMA BINDER COURSE, IL-19.0, N70
- 4" SUBBASE GRANULAR MATERIAL TYPE B

HRG PROJECT NO: 20231
 HRG PROJ CONTACT:
 FILE NAME: 30_mot-gen.dgn
 PLOT DATE: 3/4/2022
 PEN TABLE: plotTable.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2022	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS
GENERAL NOTES**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	11
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

HRG PROJECT NO: 2023/1
 HRG PROJ CONTACT:
 FILE NAME: 30_mor02.dgn
 PEN TABLE: 0101tbl.tbl



USER NAME = amiller
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 3/4/2022

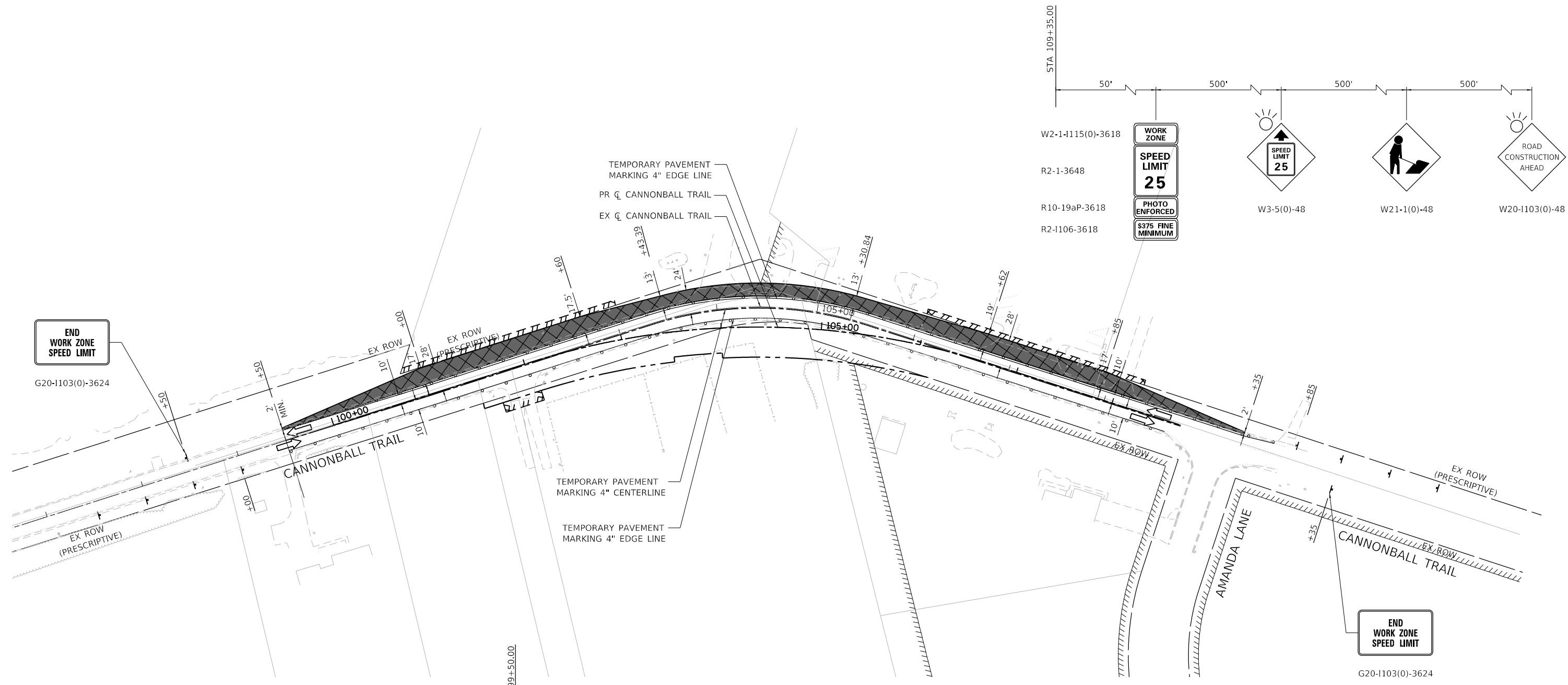
DESIGNED - JMR	REVISED -
DRAWN - AJM	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**BRISTOL ROAD DISTRICT
 KENDALL COUNTY**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND DETAILS
 CANNONBALL TRAIL
 STAGE I**

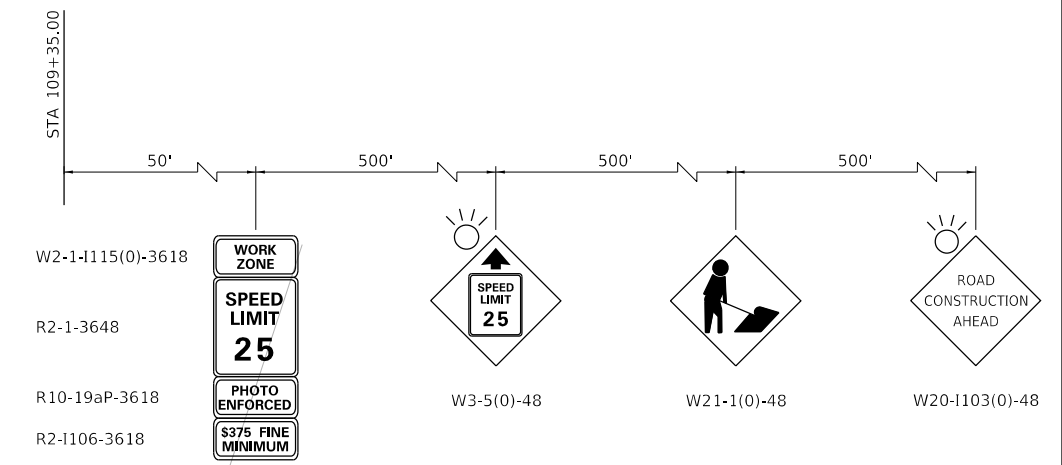
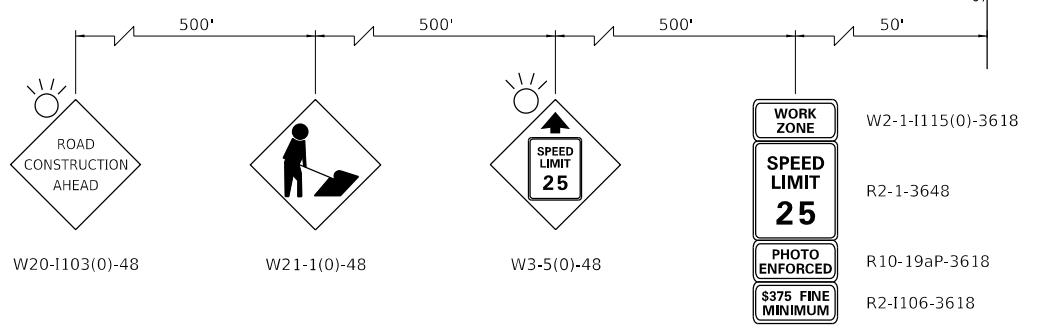
SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	12
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



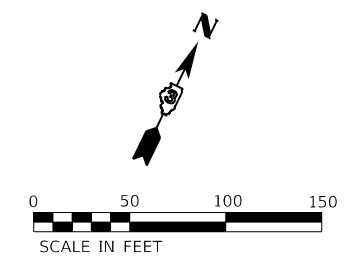
END WORK ZONE SPEED LIMIT
 G20-1103(0)-3624

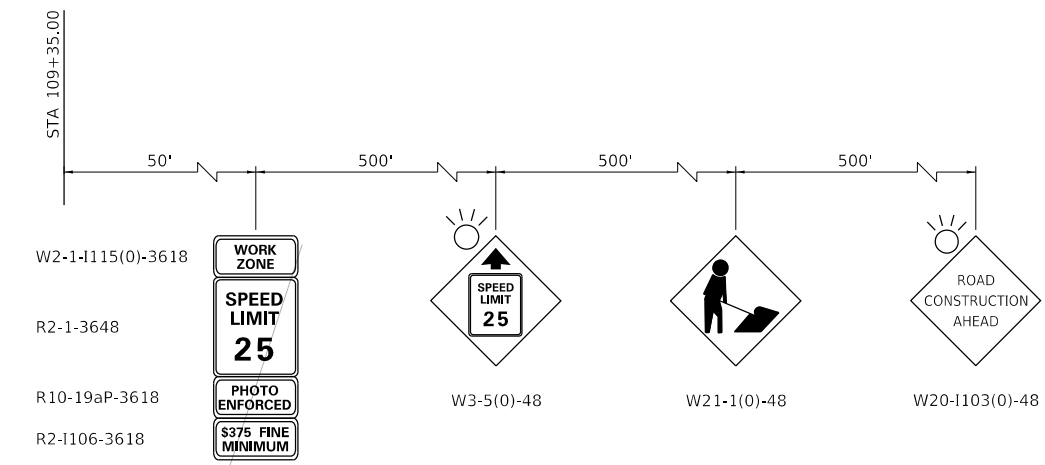
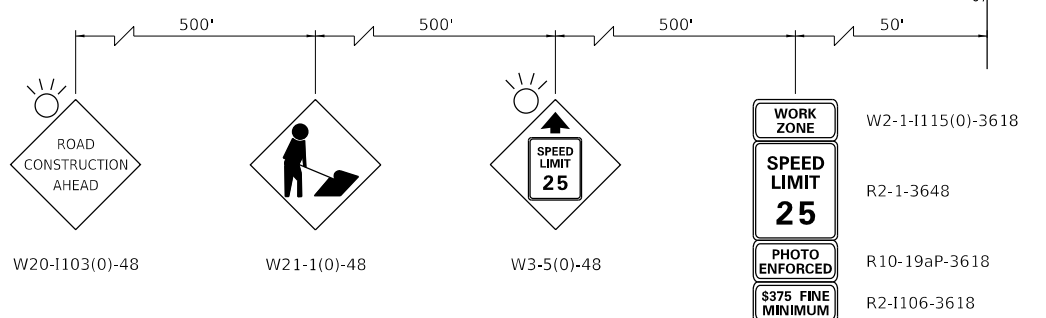
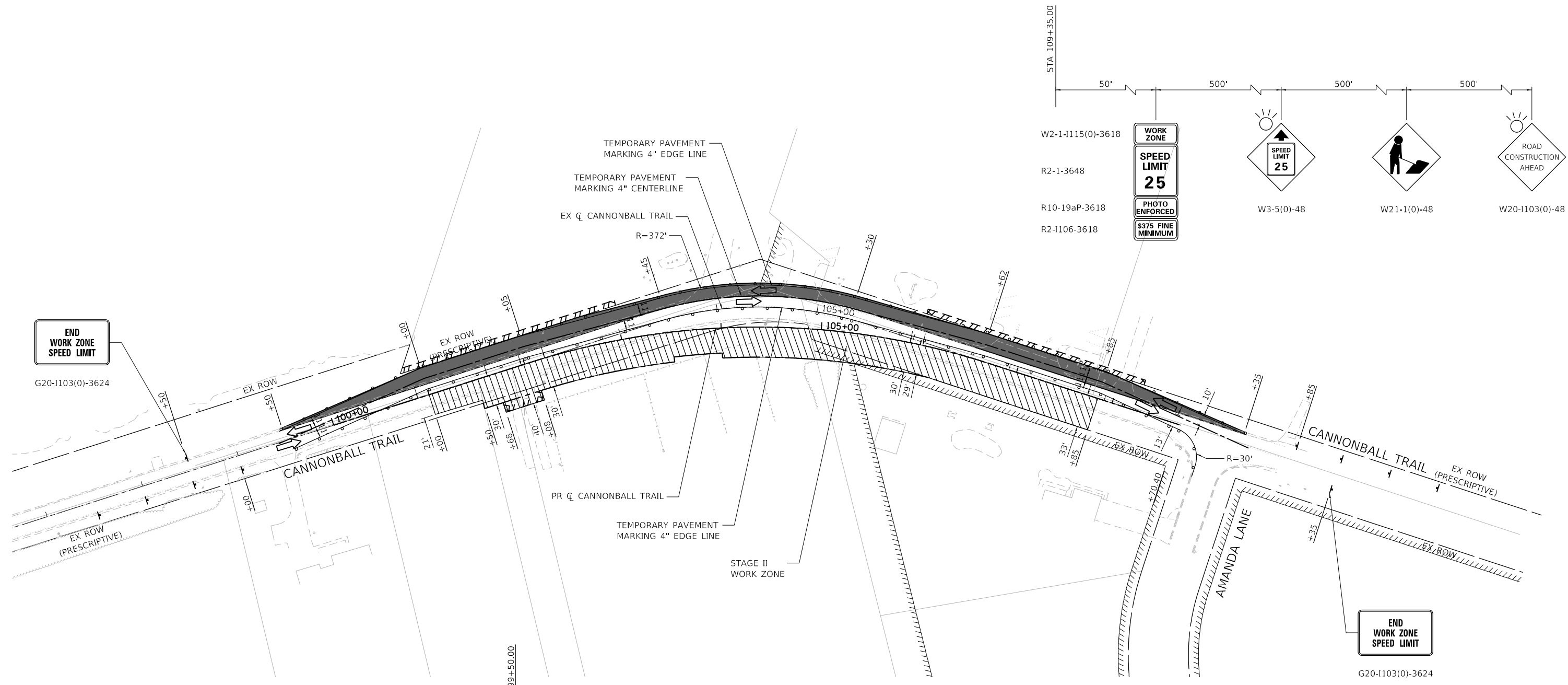
END WORK ZONE SPEED LIMIT
 G20-1103(0)-3624



LEGEND

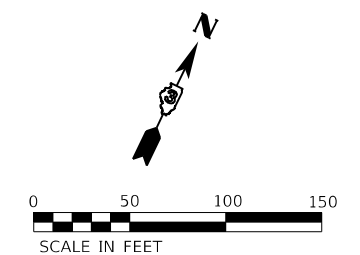
- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED OR REMOVED DURING THIS STAGE
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC FLOW
- DRUM / TYPE II BARRICADE PLACED @
 50' CENTERS IN TANGENT
 20' CENTERS IN TAPERS
 10' CENTERS IN RADII
- TYPE III BARRICADE WITH SIGN





LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED OR REMOVED DURING THIS STAGE
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC FLOW
- DRUM / TYPE II BARRICADE PLACED @
50' CENTERS IN TANGENT
20' CENTERS IN TAPERS
10' CENTERS IN RADII
- TYPE III BARRICADE WITH SIGN



HRG PROJECT NO: 2023/1
 HRG PROJ CONTACT:
 FILE NAME: 30_m022.dgn
 PEN TABLE: 010106.dtl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2022	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND DETAILS
CANNONBALL TRAIL
STAGE II**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	13
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

HRG PROJECT NO: 2023/1
 HRG PROJ CONTACT:
 FILE NAME: 30_mor103.dgn
 PEN TABLE: 0101tbl.dtl



USER NAME = amiller
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 3/4/2022

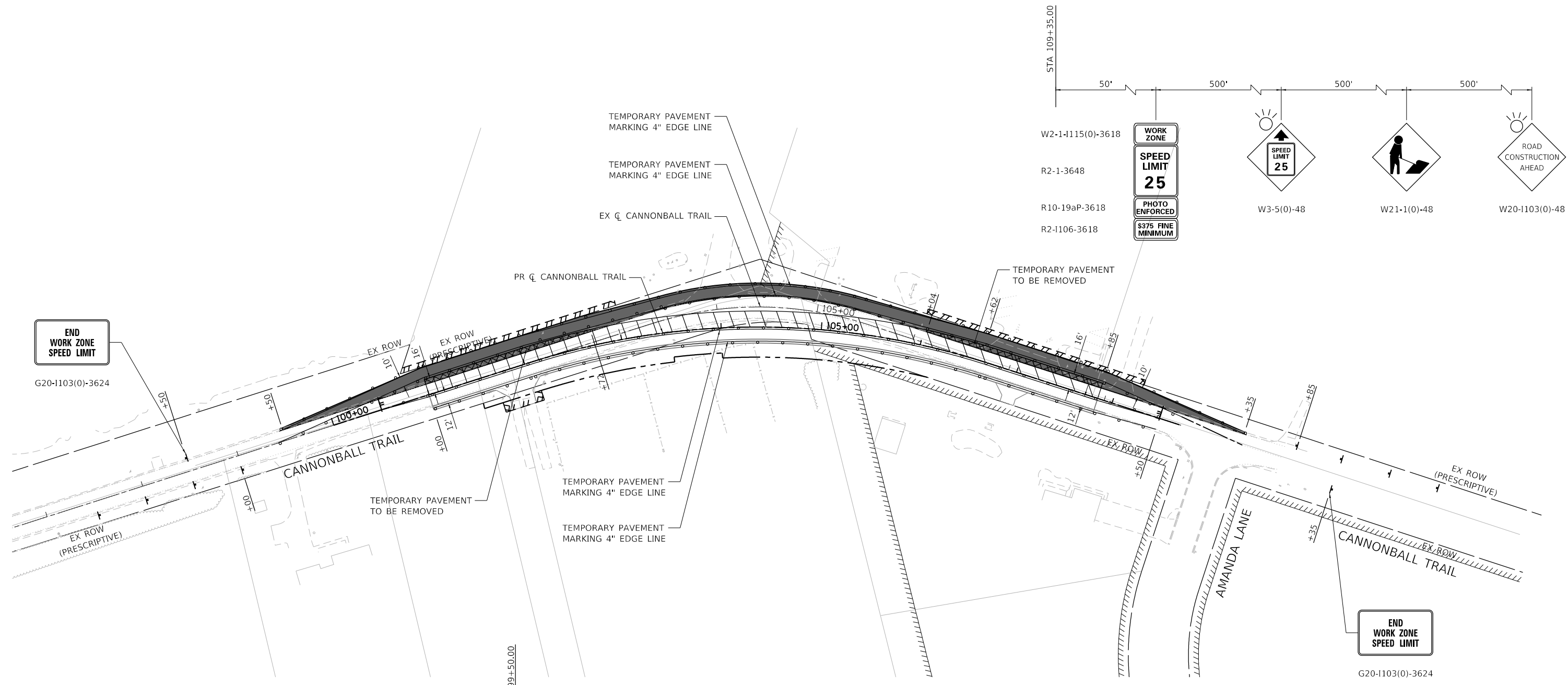
DESIGNED - JMR	REVISED -
DRAWN - AJM	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**BRISTOL ROAD DISTRICT
 KENDALL COUNTY**

**SUGGESTED MAINTENANCE OF TRAFFIC PLANS AND DETAILS
 CANNONBALL TRAIL
 STAGE III**

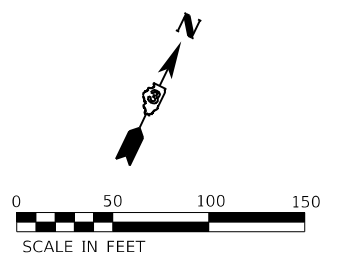
SCALE: 1" = 50' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	14
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



LEGEND

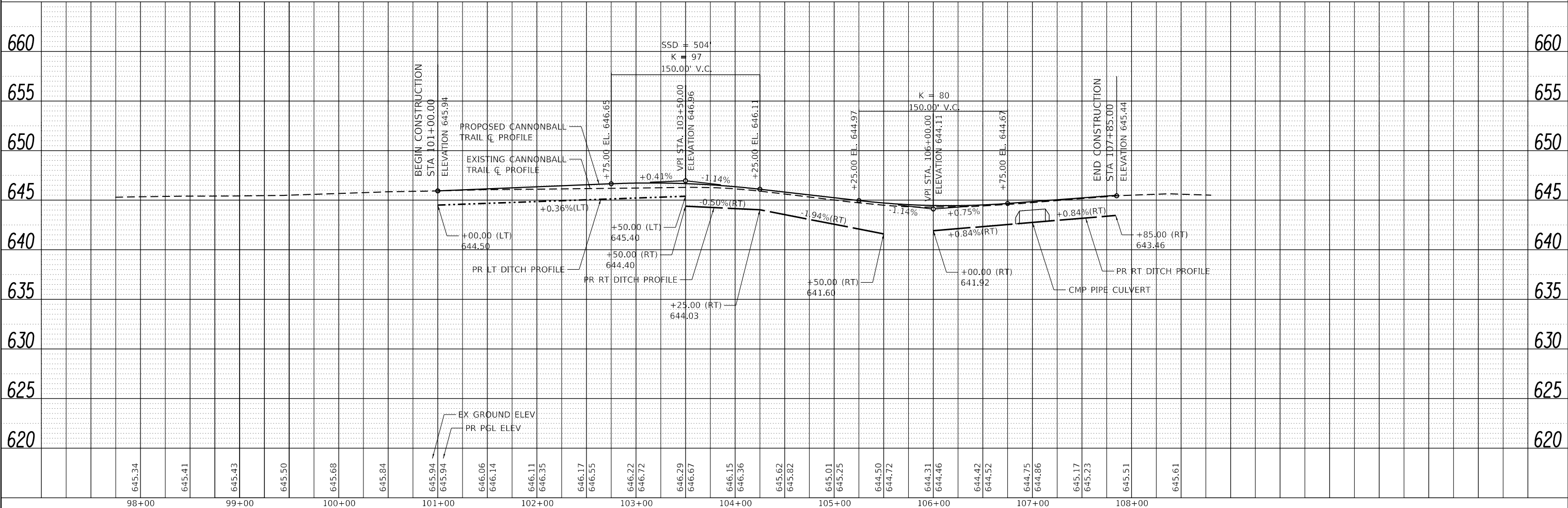
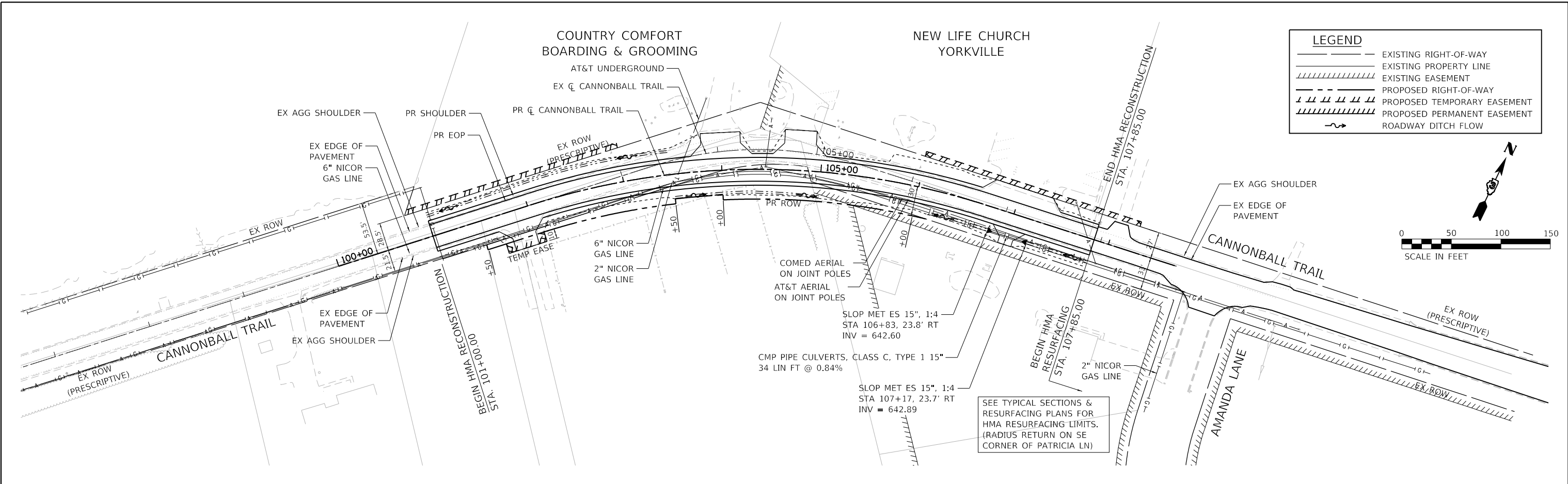
- WORK ZONE
- TEMPORARY PAVEMENT CONSTRUCTED OR REMOVED DURING THIS STAGE
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- DIRECTION OF TRAFFIC FLOW
- DRUM / TYPE II BARRICADE PLACED @
 50' CENTERS IN TANGENT
 20' CENTERS IN TAPERS
 10' CENTERS IN RADII
- TYPE III BARRICADE WITH SIGN



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

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

HRG PROJECT NO. 2020/1
 HRG PROJ. CONTACT:
 FILE NAME: 20_02118-00-5P.dwg
 PEN TABLE: 20_02118-00-5P.tbl



98+00	99+00	100+00	101+00	102+00	103+00	104+00	105+00	106+00	107+00	108+00																								
645.34	645.41	645.43	645.50	645.68	645.84	645.94	646.06	646.14	646.11	646.35	646.17	646.55	646.22	646.72	646.29	646.67	646.15	646.36	645.62	645.82	645.01	645.25	644.50	644.72	644.31	644.46	644.42	644.52	644.75	644.86	645.17	645.23	645.51	645.61

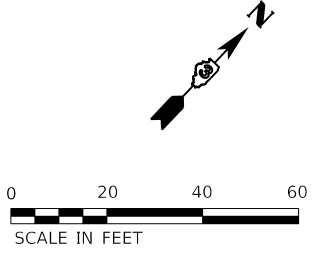
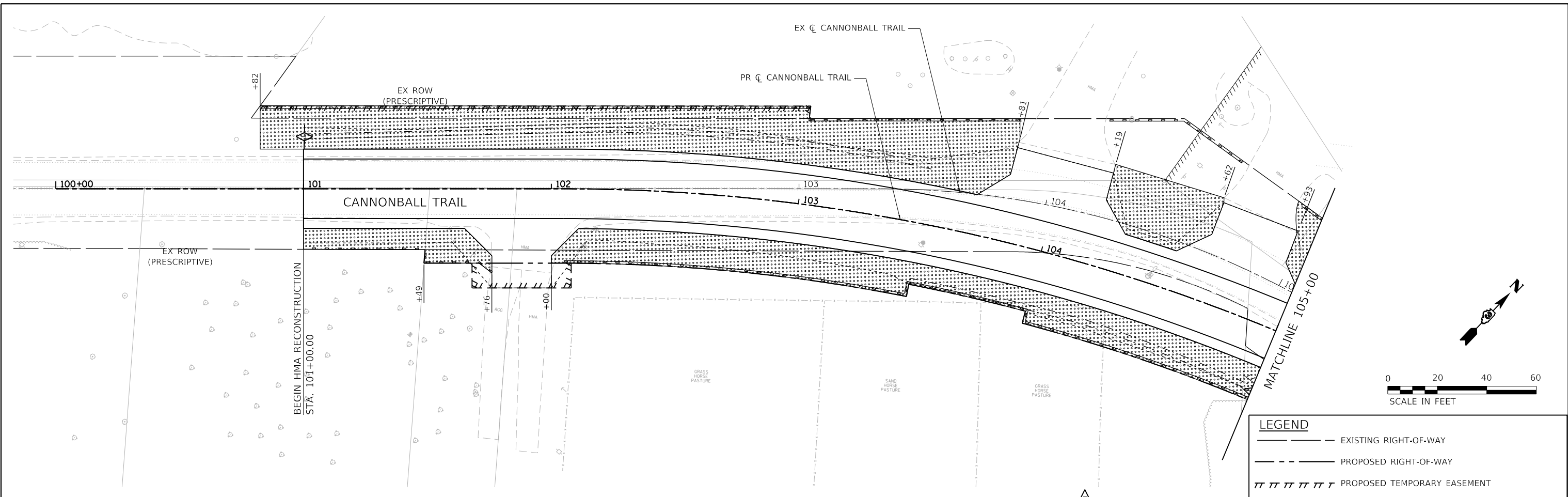
HRGreen
 HRGreen.com
 Micro Professional Design Firm
 #184-001322

USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2022	DATE -	REVISED -

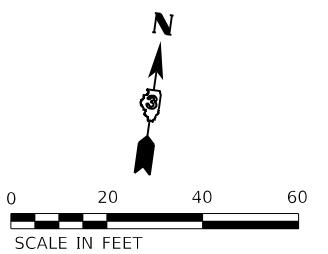
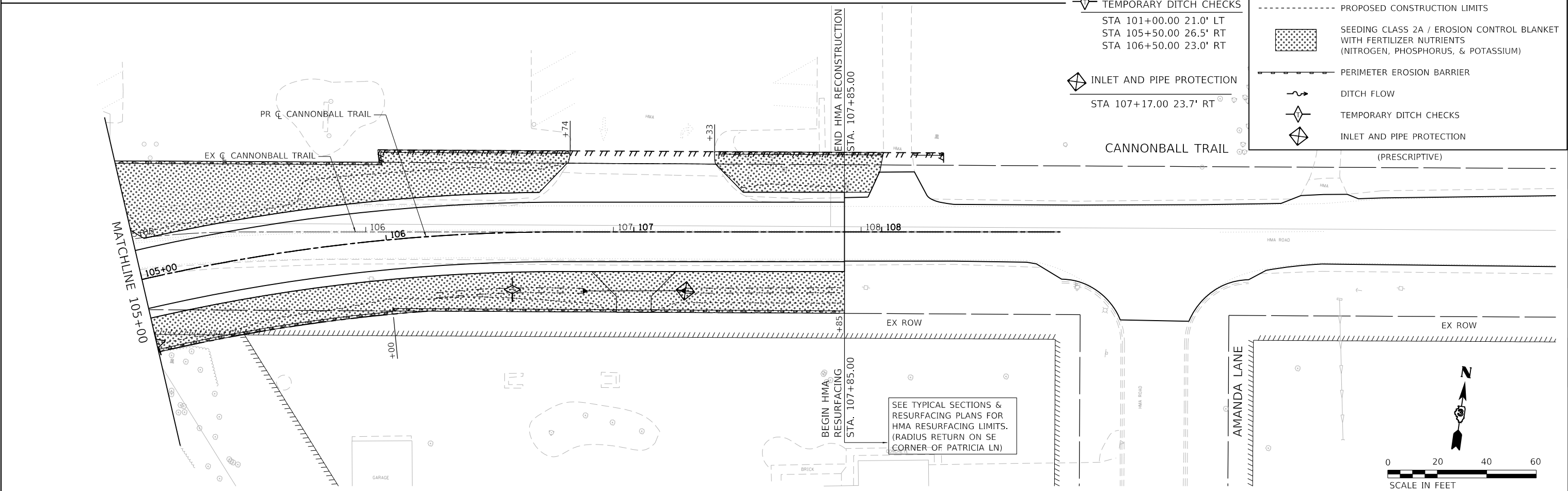
**BRISTOL ROAD DISTRICT
 KENDALL COUNTY**

DRAINAGE AND UTILITY PLAN	
CANNONBALL TRAIL	
SCALE: 1" = 50'	SHEET 1 OF 1 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	15
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT
	PROPOSED CONSTRUCTION LIMITS
	SEEDING CLASS 2A / EROSION CONTROL BLANKET WITH FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS, & POTASSIUM)
	PERIMETER EROSION BARRIER
	DITCH FLOW
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION



HRG PROJECT NO: 2023/1
 HRG PROJ CONTACT:
 FILE NAME: 30_erosion.dgn
 PEN TABLE: 01010601.tbl



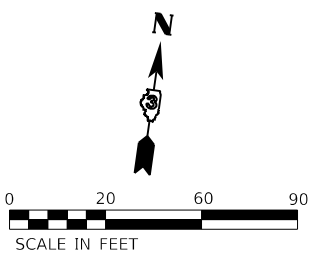
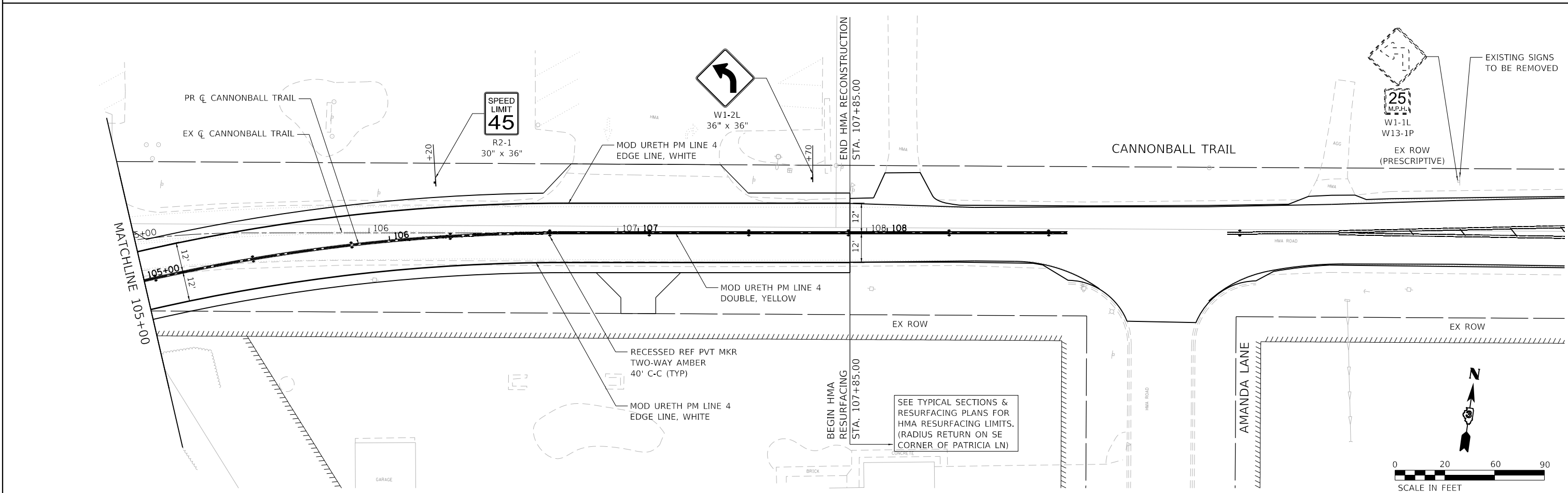
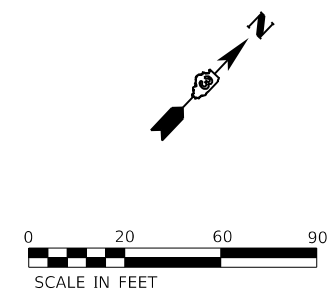
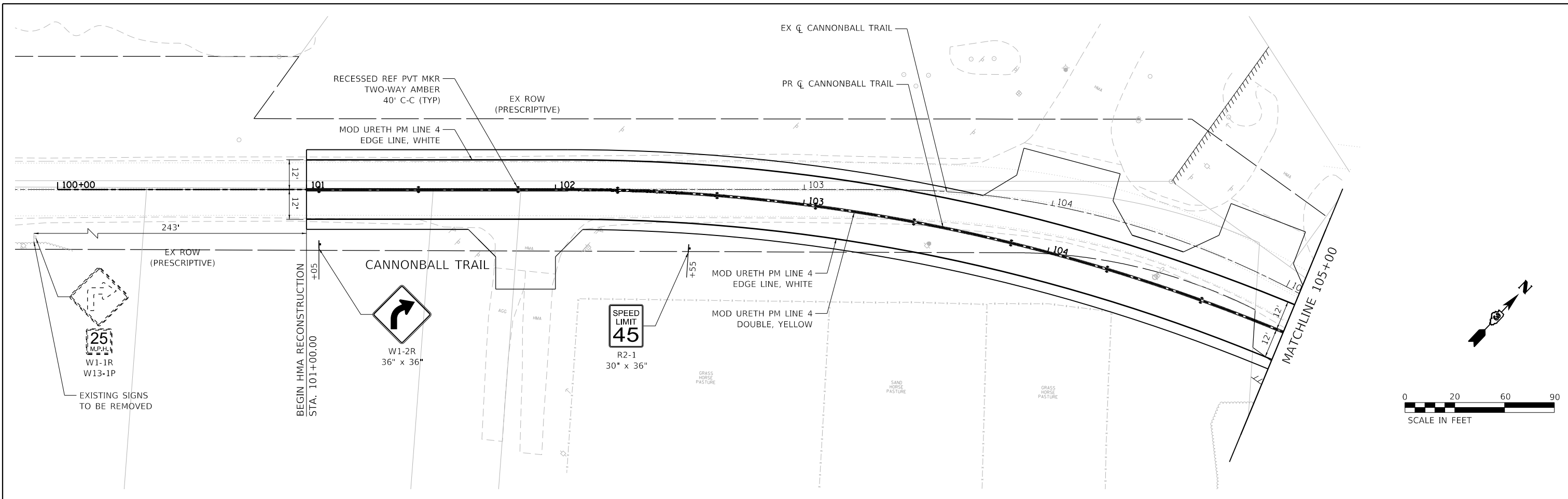
USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 3/4/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

**EROSION CONTROL PLANS
CANNONBALL TRAIL**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	16
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



HRG PROJECT NO: 2023/1
 HRG PROJ CONTACT:
 FILE NAME: 20_pmk02.dgn
 PEN TABLE: 20_Pmk02.tbl



USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 3/4/2022	CHECKED -	REVISED -
	DATE -	REVISED -

BRISTOL ROAD DISTRICT	KENDALL COUNTY
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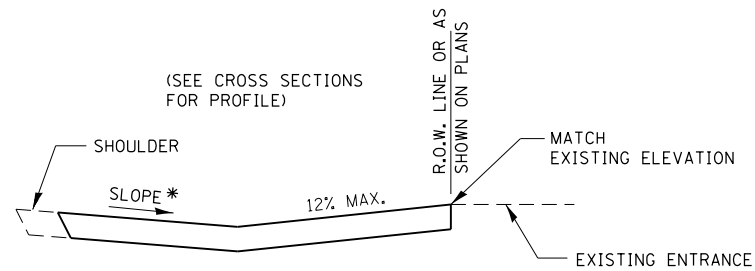
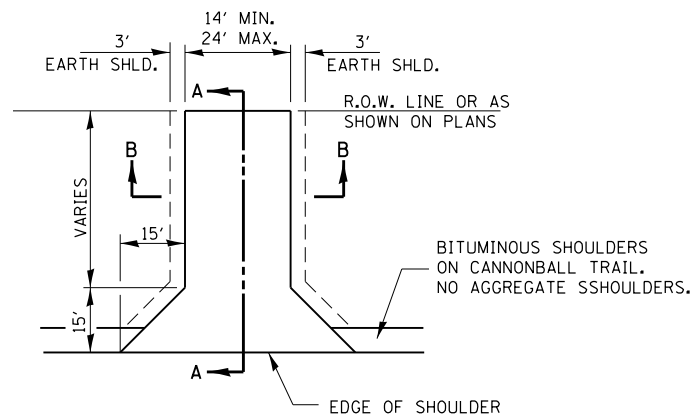
**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

**PAVEMENT MARKING AND SIGNING PLANS
CANNONBALL TRAIL**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	17
CONTRACT NO.				

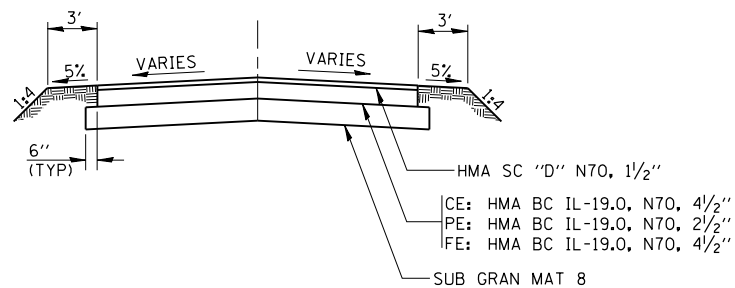
ILLINOIS FED. AID PROJECT



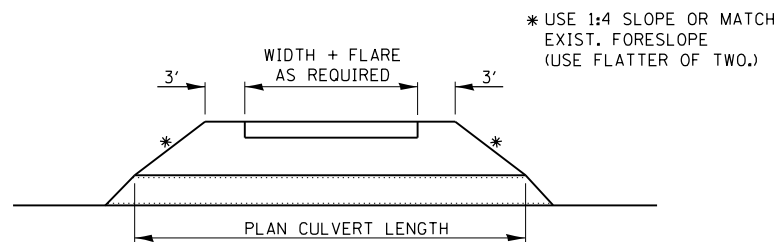
* SLOPE AWAY FROM HIGHWAY SURFACE AT 1.5% MINIMUM TO 10% MAXIMUM FOR A RURAL COMMERCIAL ACCESS A DISTANCE OF 10' OR TO CENTERLINE OF DITCH.

SLOPE AWAY FROM HIGHWAY SURFACE AT 1.5% MINIMUM TO 8% MAXIMUM FOR A RURAL NONCOMMERCIAL ACCESS A DISTANCE OF 10' OR TO CENTERLINE OF DITCH. (PRIVATE ENTRANCE AT STA 630+97 DIFFERS FROM DETAIL, SEE CROSS SECTIONS).

SECTION A-A

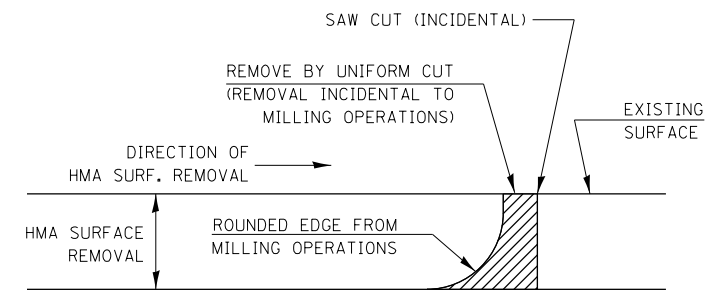


SECTION B-B



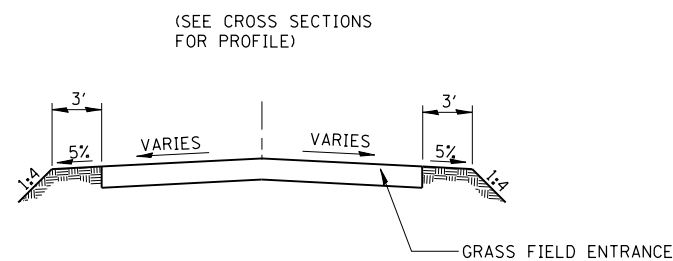
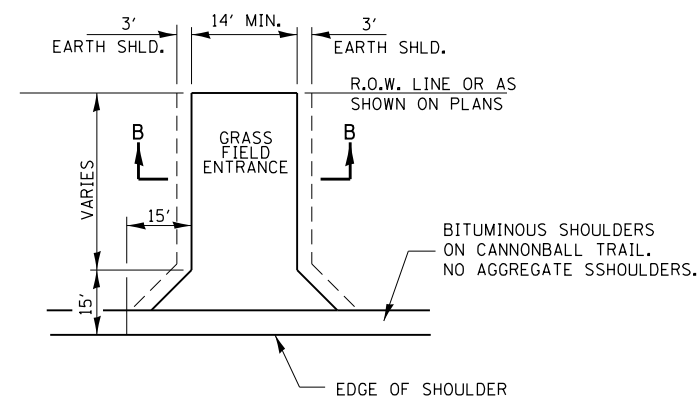
NOTE:
ALL DRIVEWAYS SHALL BE SURFACED FROM THE EDGE OF PAVEMENT TO THE RIGHT OF WAY LINE.

ENTRANCE DETAIL

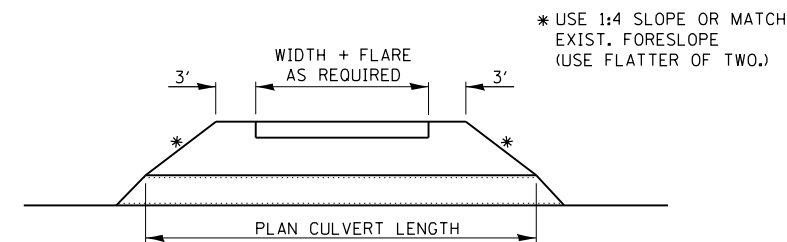


NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

HMA DETAIL AT BUTT JOINTS



SECTION B-B



NOTE:
GRASS FIELD ENTRANCE SHALL BE GRADED FROM THE EDGE OF SHOULDER TO THE RIGHT OF WAY LINE.

**GRASS FIELD ENTRANCE DETAIL
(STA 107 + 00.00 RT)**

HRG PROJECT NO: 202311
HRG PROJ CONTACT:
FILE NAME: 30_08102.dgn
PLOT DATE: 3/4/2022
PEN TABLE: 0101tbl.tbl

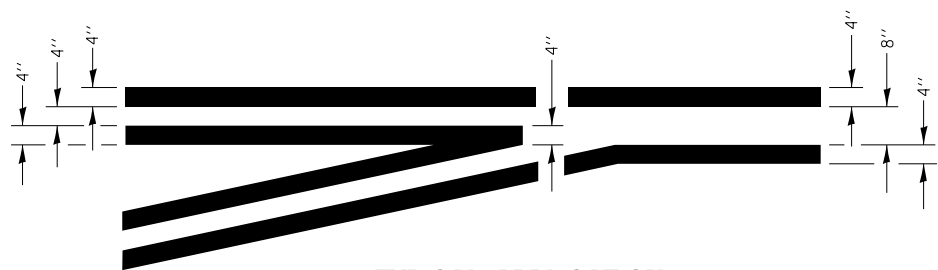


USER NAME = amiller	DESIGNED - JMR	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - AJM	REVISED -
PLOT DATE = 3/4/2022	CHECKED -	REVISED -
	DATE -	REVISED -

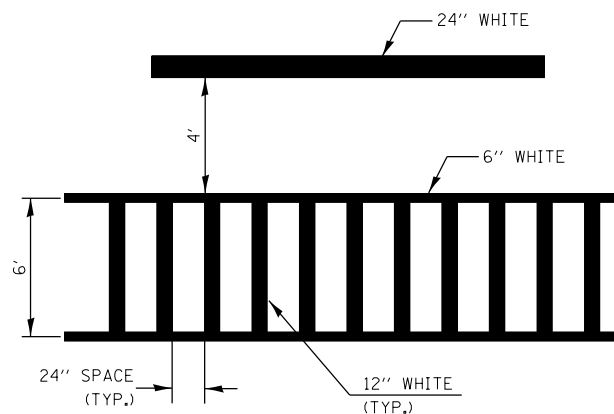
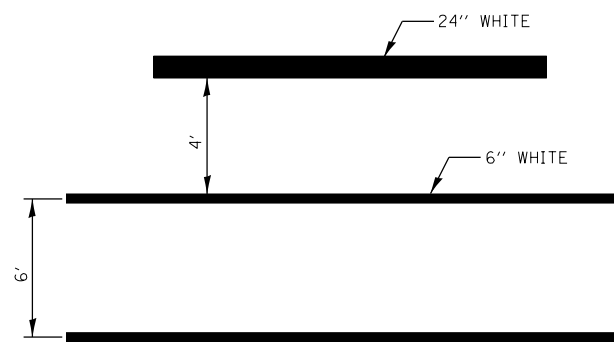
**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

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

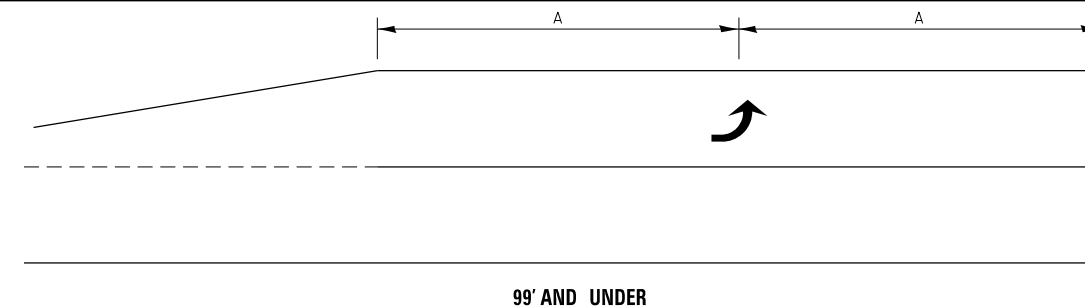
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	18
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



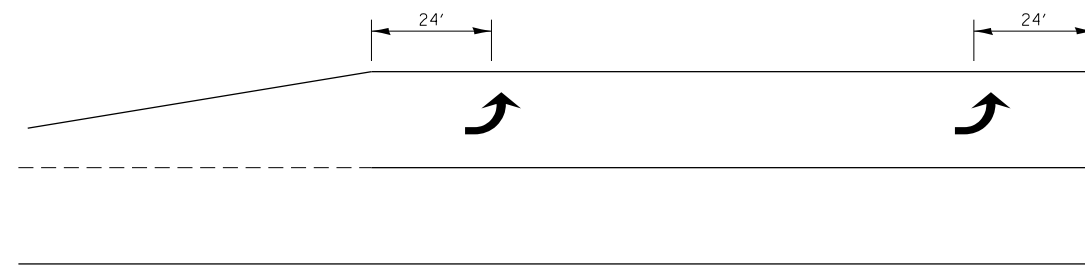
**TYPICAL APPLICATION
AT LEFT TURN LANES**



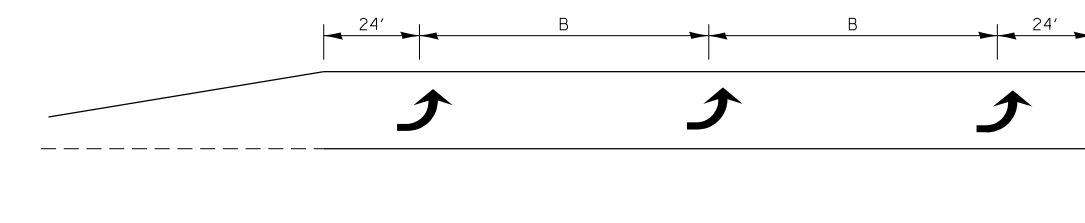
**TYPICAL SPACING DETAIL FOR
CROSSWALKS AND STOP BARS**



99' AND UNDER

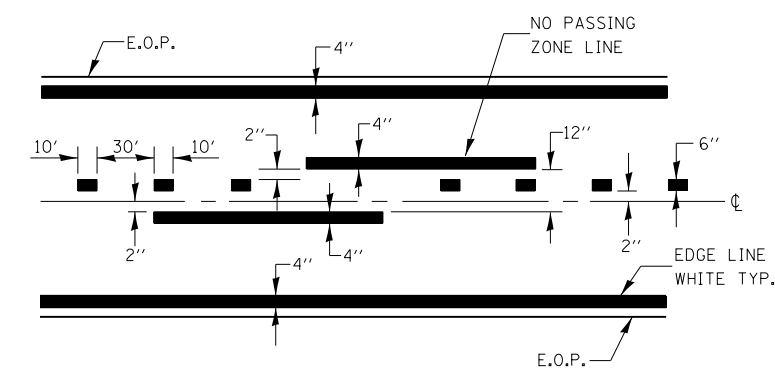


100' TO 149'



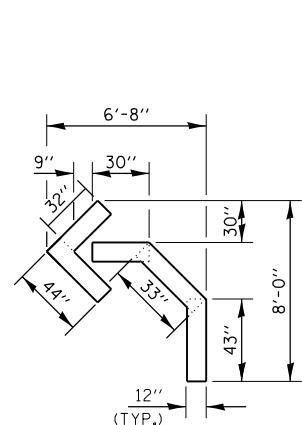
150' AND LONGER

**TYPICAL PLACEMENT OF ARROWS
IN TURN LANES**

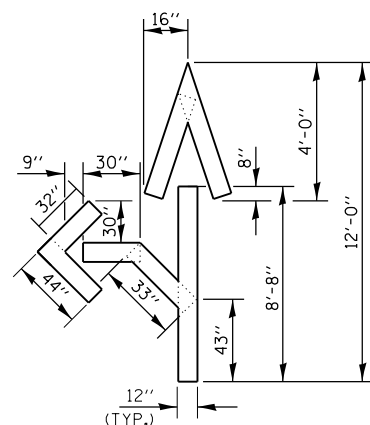


**CENTERLINE & NO PASSING
ZONE LINES - YELLOW**

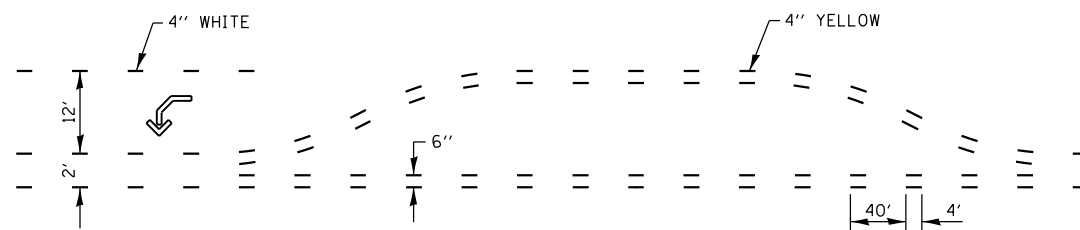
PAVEMENT MARKING



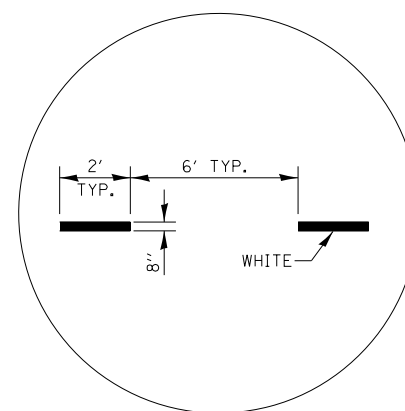
QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 48 LIN. FT.



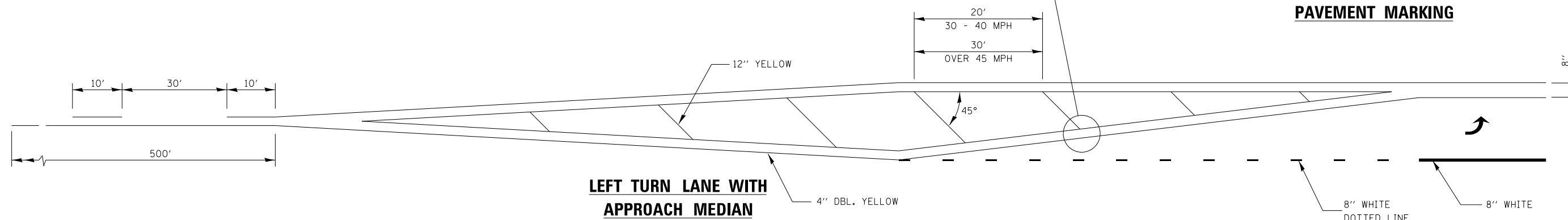
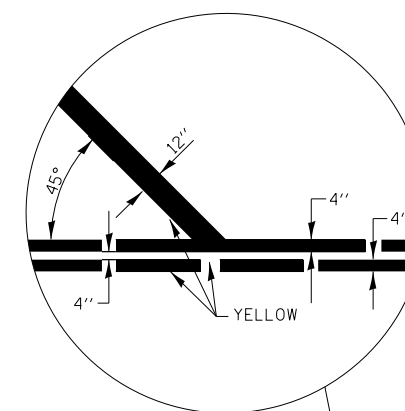
QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 87 LIN. FT.



**SHORT-TERM PAVEMENT MARKING
FOR MEDIANS AND ARROWS**



**ADVANCE AND INTERSECTION
LANE DIVIDER LINES**



**LEFT TURN LANE WITH
APPROACH MEDIAN**

HRG PROJECT NO: 202311
HRG PROJ CONTACT:
FILE NAME: 30_081022.dgn
PEN TABLE: 10/10/2022

HRGreen.com
HRGreen Professional Design Firm
#184-001322

USER NAME = amiller
DESIGNED - JMR
DRAWN - AJM
PLOT SCALE = 40,0000 ' / in.
CHECKED -
PLOT DATE = 3/4/2022
DATE -

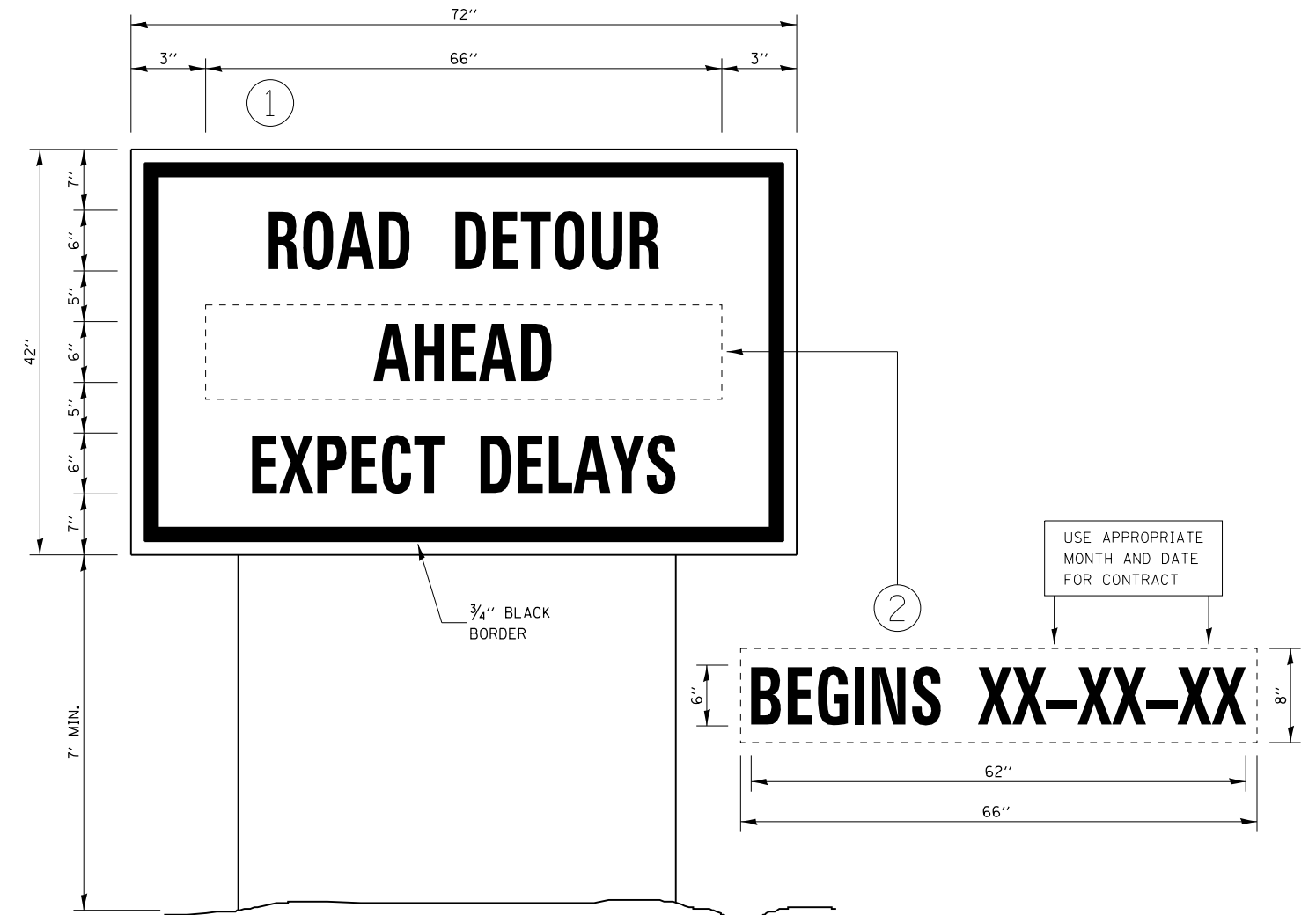
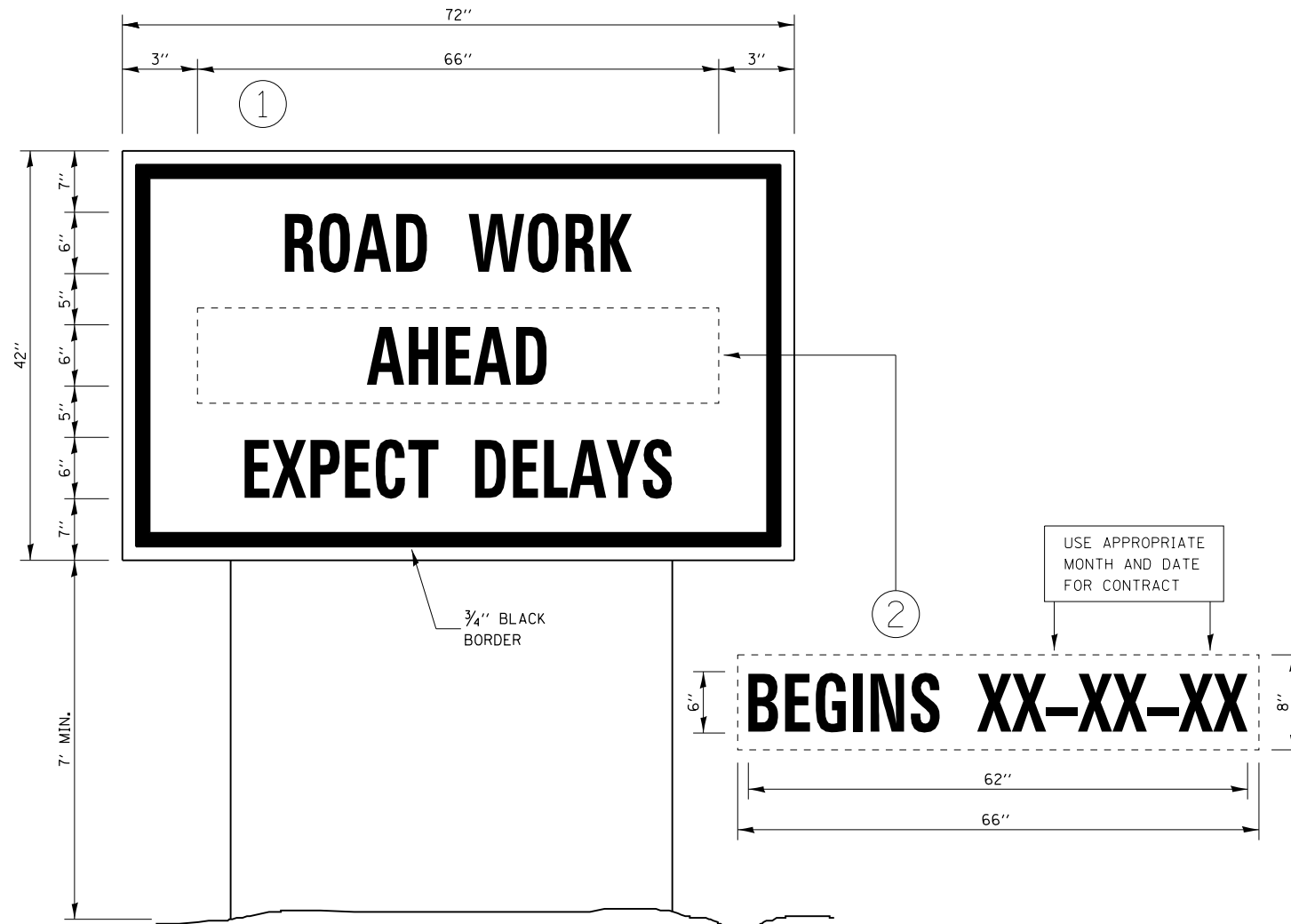
REVISOR -
REVISOR -
REVISOR -
REVISOR -

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

MISCELLANEOUS DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	19
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING

TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE DETOUR.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

TEMPORARY INFORMATION SIGN DETAILS

HRG PROJECT NO: 2023/1
 HRG PROJ CONTACT:
 FILE NAME: 30_08102.dgn
 PEN TABLE: 010106.dtl



USER NAME = amiller	DESIGNED - JMR	REVISED -
	DRAWN - AJM	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2022	DATE -	REVISED -

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

MISCELLANEOUS DETAILS

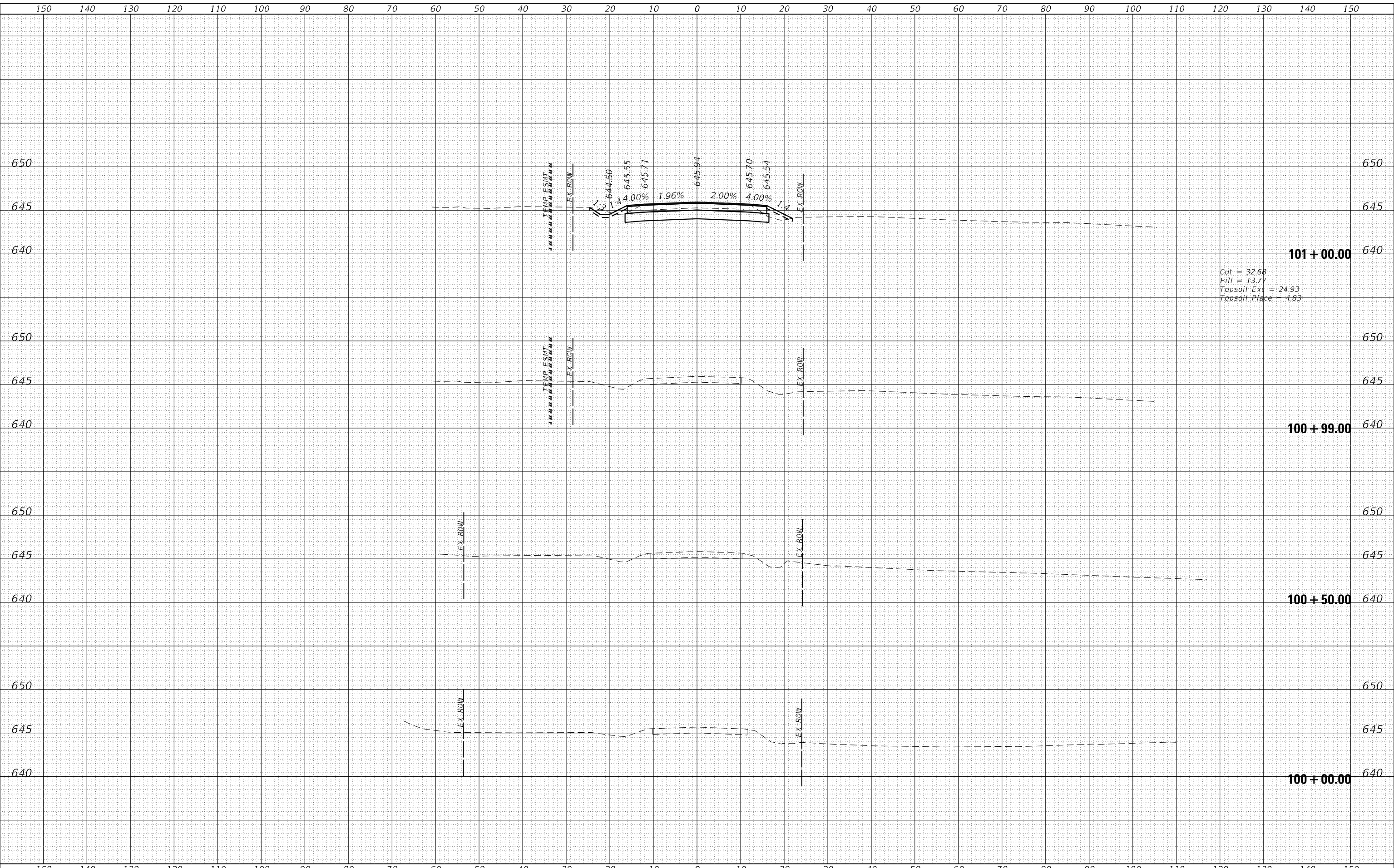
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	20
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

HRG PROJECT No: 2023/
 FILE NAME: 20230301_001.dgn
 PLOT DRIVER: lplplotter.tcl
 PEN TABLE: p101tbl.tbl



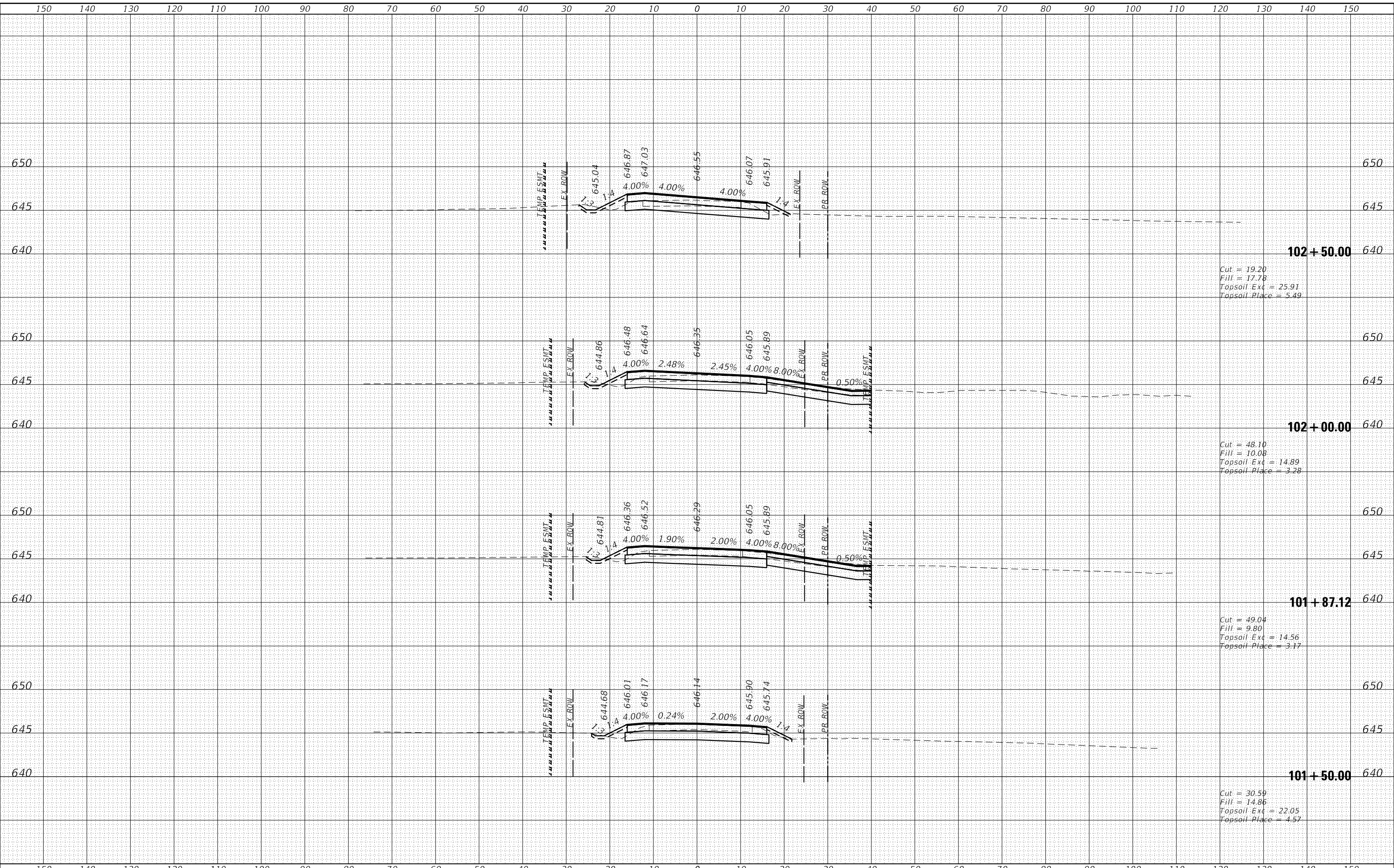
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 Topsoil Exc = 24.93
 Topsoil Place = 4.83

HRG PROJECT No: 2023/ FILE NAME: 20230301_001.dgn PLOT DRIVER: lplplotter.tcl PEN TABLE: p101tbl.tbl	<table border="1"> <tr><td>USER NAME</td><td>= amiller</td></tr> <tr><td>DESIGNED</td><td>- JMR</td></tr> <tr><td>DRAWN</td><td>- AJM</td></tr> <tr><td>CHECKED</td><td>-</td></tr> <tr><td>DATE</td><td>-</td></tr> </table>	USER NAME	= amiller	DESIGNED	- JMR	DRAWN	- AJM	CHECKED	-	DATE	-	<table border="1"> <tr><td>REVISD</td><td>-</td></tr> <tr><td>REVISD</td><td>-</td></tr> <tr><td>REVISD</td><td>-</td></tr> <tr><td>REVISD</td><td>-</td></tr> </table>	REVISD	-	REVISD	-	REVISD	-	REVISD	-	<p>BRISTOL ROAD DISTRICT KENDALL COUNTY</p>	<p>CROSS SECTIONS CANNONBALL TRAIL</p>	<table border="1"> <tr><td>F.A. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>3791</td><td>20-02118-00-5P</td><td>KENDALL</td><td>26</td><td>21</td></tr> <tr><td colspan="5">CONTRACT NO.</td></tr> </table>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	3791	20-02118-00-5P	KENDALL	26	21	CONTRACT NO.				
USER NAME	= amiller																																					
DESIGNED	- JMR																																					
DRAWN	- AJM																																					
CHECKED	-																																					
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3791	20-02118-00-5P	KENDALL	26	21																																		
CONTRACT NO.																																						
<table border="1"> <tr><td>SCALE:</td><td>1" = 10'</td></tr> <tr><td>SHEET</td><td>1 OF 6 SHEETS</td></tr> <tr><td>STA.</td><td>100+00.00 TO STA. 101+01.00</td></tr> </table>	SCALE:	1" = 10'	SHEET	1 OF 6 SHEETS	STA.	100+00.00 TO STA. 101+01.00	<table border="1"> <tr><td>ILLINOIS</td><td>FED. AID PROJECT</td></tr> </table>					ILLINOIS	FED. AID PROJECT																									
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ILLINOIS	FED. AID PROJECT																																					

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
ORIGINAL SURVEY NO.	

HRG PROJECT No: 20237
 PROJECT FACT:
 FILE NAME: 20230701.dgn
 PLOT DRIVER: lprcf_bwp1c7c7g
 PEN TABLE: plottable.tbl



Cut = 19.20
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 Topsoil Exc = 25.91
 Topsoil Place = 5.49

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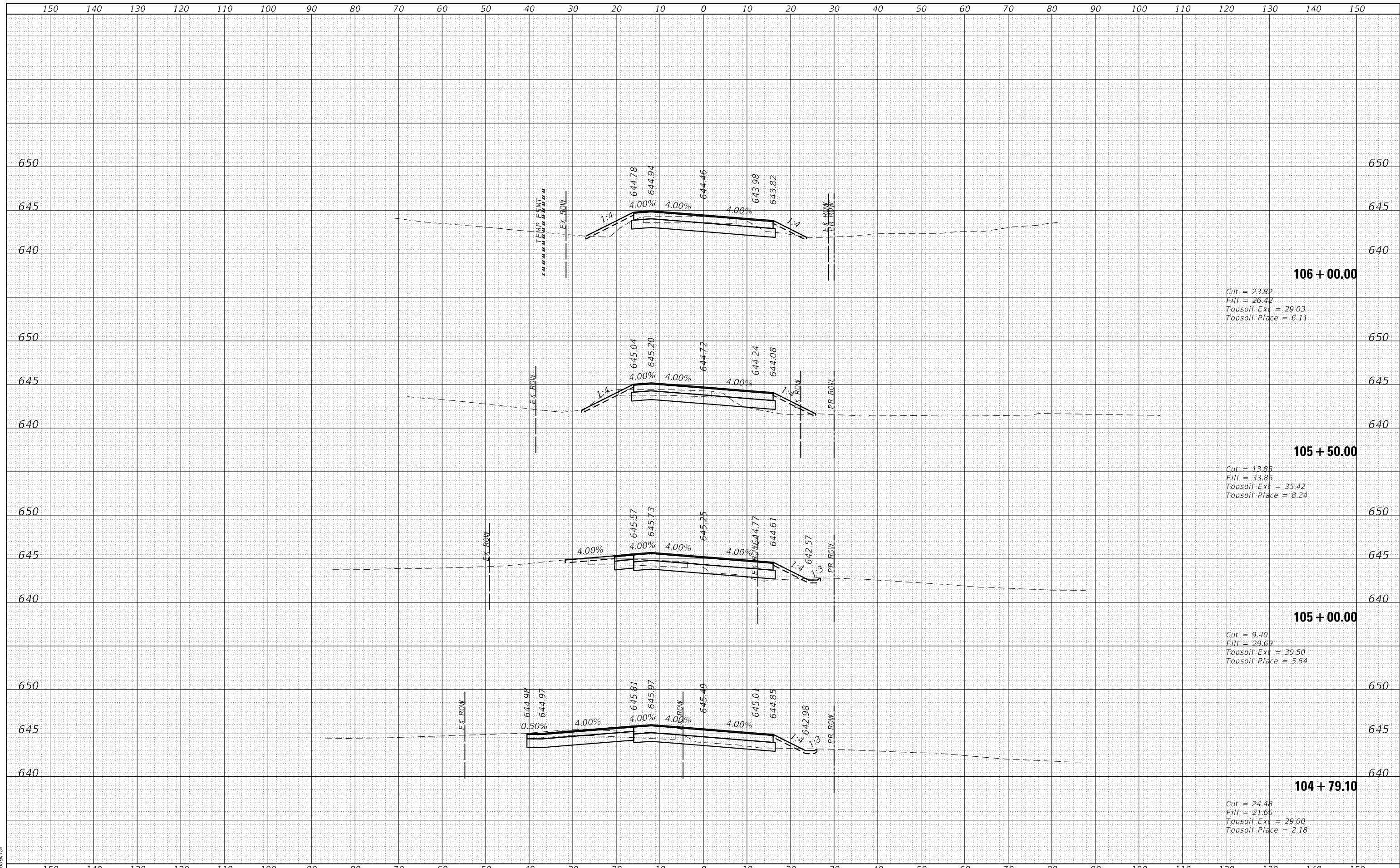
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 Topsoil Exc = 14.56
 Topsoil Place = 3.17

Cut = 30.59
 Fill = 14.86
 Topsoil Exc = 22.05
 Topsoil Place = 4.57

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
ORIGINAL SURVEY NO.	

HRG PROJECT No: 2023/
 FILE NAME: 20-02118-00-5P.dwg
 PLOT DRIVER: lplplotapi.tcl
 PEN TABLE: p101tblapi.tbl

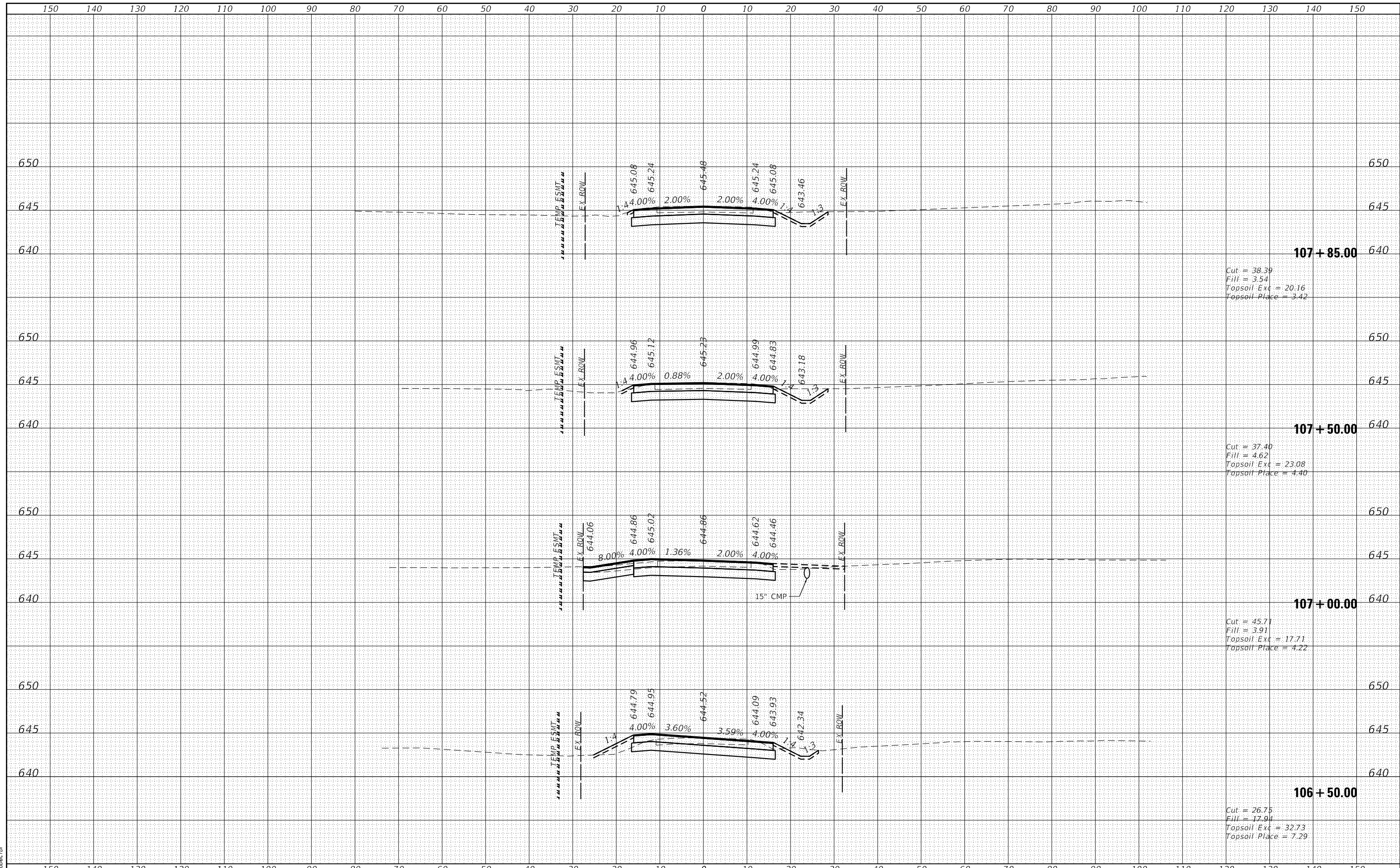


HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = amiller DESIGNED - JMR DRAWN - AJM CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	BRISTOL ROAD DISTRICT KENDALL COUNTY	CROSS SECTIONS CANNONBALL TRAIL		F.A. RTE. 3791 SECTION 20-02118-00-5P COUNTY KENDALL CONTRACT NO.	TOTAL SHEETS 26 SHEET NO. 24
	PLOT SCALE = 20.0000' / in. PLOT DATE = 3/4/2022	SCALE: 1" = 10' SHEET 4 OF 6 SHEETS STA. 104+79.10 TO STA. 106+00.00		ILLINOIS FED. AID PROJECT			

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

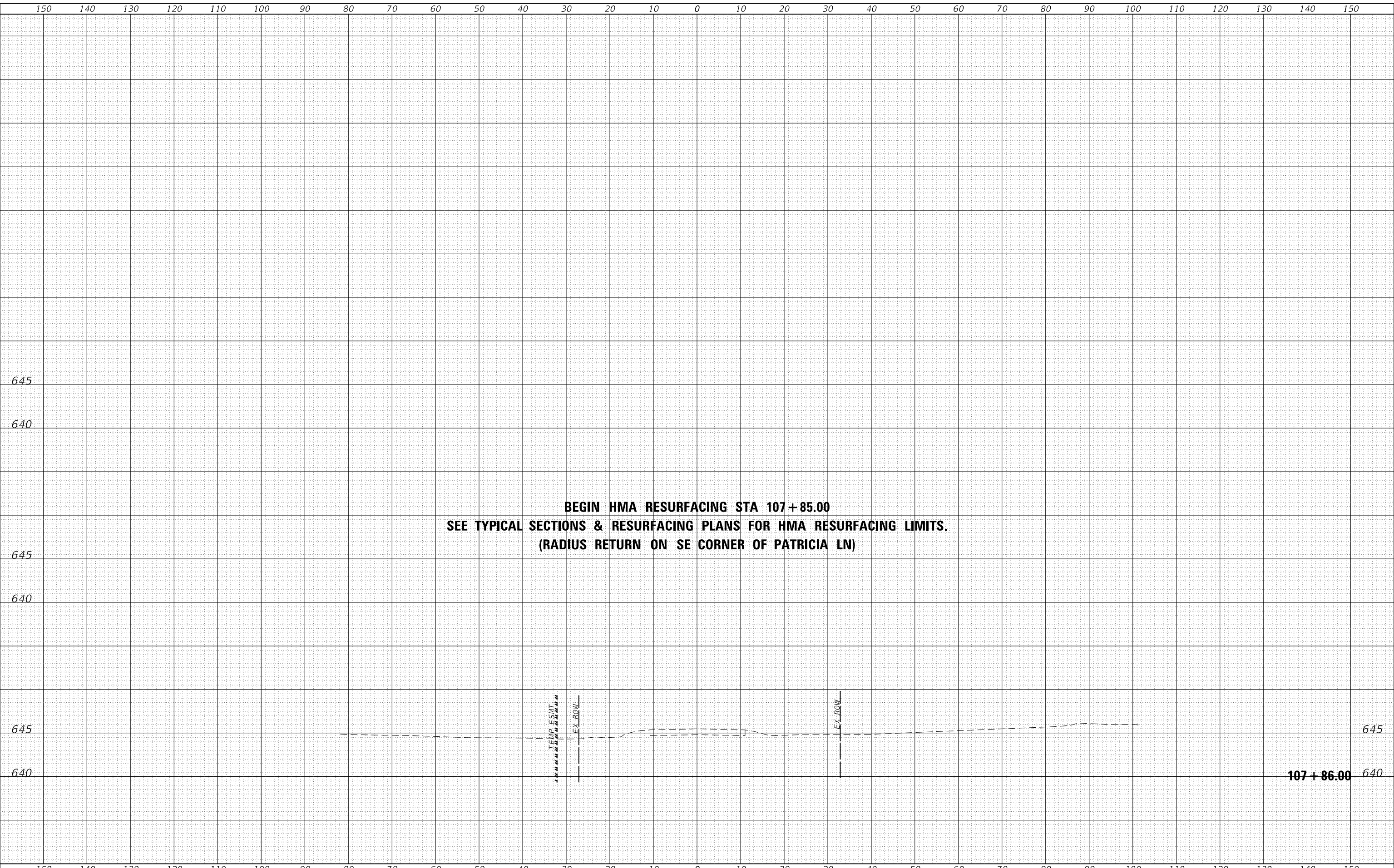
HRG PROJECT No: 20237
 FILE NAME: 20230701.dgn
 PLOT DRIVER: l_caf_bwp1c1c9
 PEN TABLE: plotdef.tbl



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

HRC PROJECT No: 2037
 FILE NAME: 20-02118-00-5P.dwg
 PLOT DRIVER: lprwf_bwp17c19
 PEN TABLE: plot1tbl.tbl



USER NAME	= amiller
DESIGNED	- JMR
DRAWN	- AJM
CHECKED	-
DATE	-
REVIS	-
REVIS	-
REVIS	-
REVIS	-

PLOT SCALE	= 20.0000 ' / in.
PLOT DATE	= 3/4/2022

DESIGNED	- JMR	REVIS	-
DRAWN	- AJM	REVIS	-
CHECKED	-	REVIS	-
DATE	-	REVIS	-

**BRISTOL ROAD DISTRICT
KENDALL COUNTY**

**CROSS SECTIONS
CANNONBALL TRAIL**

SCALE: 1" = 10' SHEET 6 OF 6 SHEETS STA. 107+86.00 TO STA. 108+50.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3791	20-02118-00-5P	KENDALL	26	26
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

