

FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

03/11/2022 Letting Item 099

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.A. R.T.C.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	1
FED. ROAD DIST. NO 1	ILLINOIS	CONTRACT NO. 61H58		

HIGHWAY CLASSIFICATION
 WINN ROAD - MAJOR COLLECTOR

PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

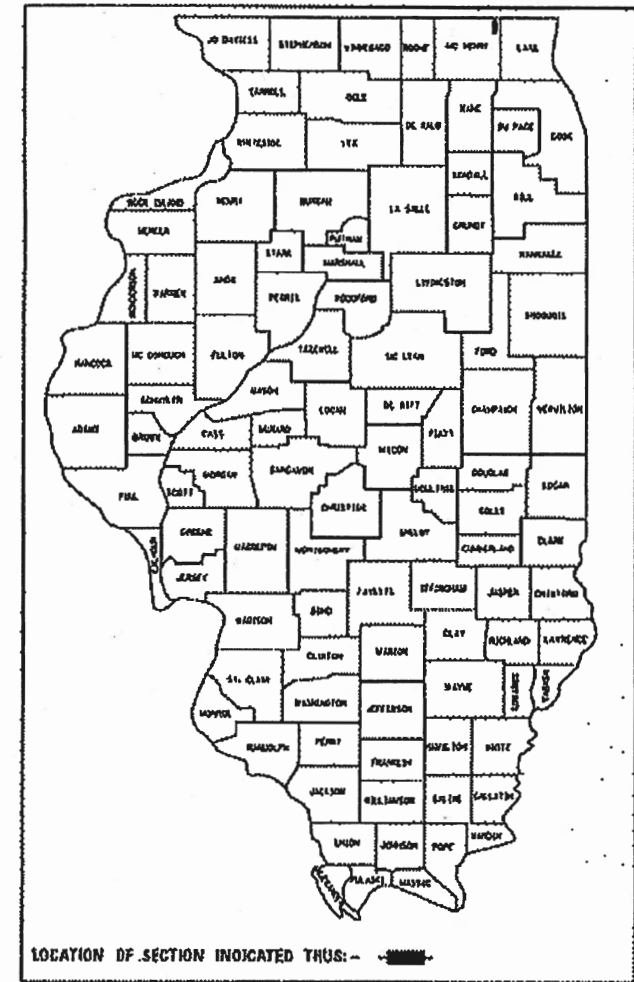
TRAFFIC DATA
 2020 ADT
 WINN ROAD - 4,300

WINN ROAD (FAU 0157)
 FROM NORTH OF BRENTWOOD DRIVE TO ENGLISH PRAIRIE ROAD
 BIKE PATH

SECTION: 21-00018-01-RS
 PROJECT NO.: FRUL(549)
 VILLAGE OF SPRING GROVE
 MCHENRY COUNTY
 C-91-140-22

PROJECT LOCATION MAP
 N.T.S.

POSTED & DESIGN SPEED LIMIT
 WINN ROAD - 45 MPH

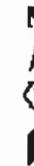
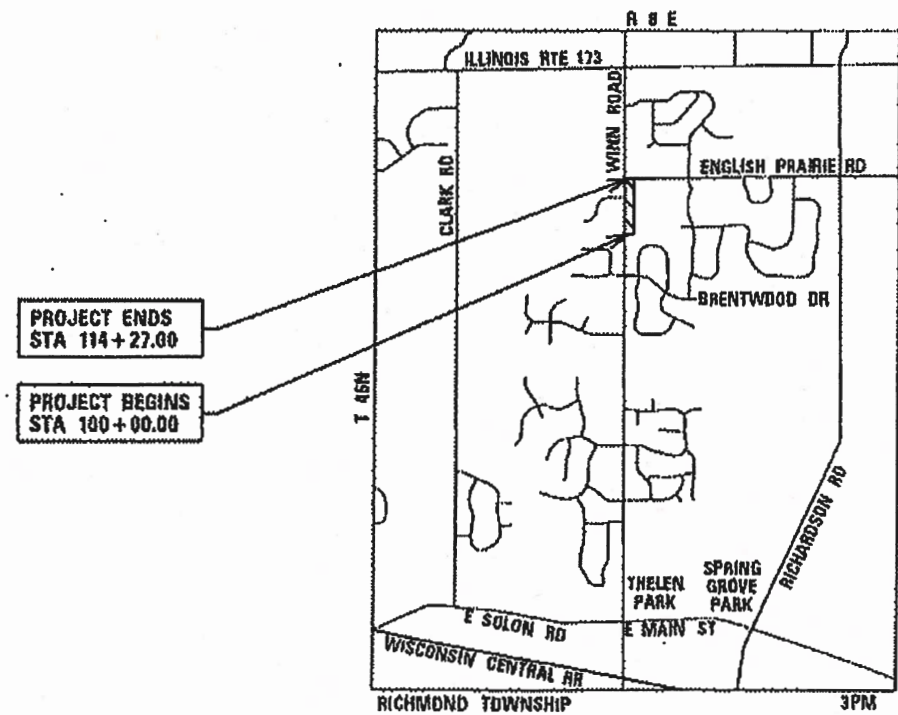


FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAUMBURG, IL



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

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



JEFFREY J. STRZEMECKI, P.E.
 EXPIRES 2-28-22

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APPROVED 12/15/2021
 [Signature]
 VILLAGE PRESIDENT, VILLAGE OF SPRING GROVE

PASSED Jan 4, 2022
 [Signature]
 DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID: JANUARY 5, 2022
 BASED ON LIMITED REVIEW
 [Signature]
 REGIONAL ENGINEER

1391 CORPORATE DRIVE, SUITE 203 | MCHENRY, ILLINOIS 60050
 Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.com
 ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

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 OF THE STATE OF ILLINOIS

CONTRACT NO. 61H58

PROJECT LENGTH
 NET LENGTH OF PROJECT = 1,427 FT. = 0.27 MILES
 GROSS LENGTH OF PROJECT = 1,427 FT. = 0.27 MILES

INDEX OF SHEETS

1		COVER SHEET
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DISTRICT ONE DETAILS

<u>STANDARD NO.</u>	<u>LIST OF DESCRIPTION</u>
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN

STATE STANDARDS

<u>STANDARD NO.</u>	<u>LIST OF DESCRIPTION</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL ITEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- ALL REFERENCES TO >STANDARD SPECIFICATIONS IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2022. ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON MUNICIPAL PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR EDGE OF PAVEMENT, ETC. ARE FROM THE BIKE PATH BASE LINE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEANING STREETS OF ANY DEBRIS AND MATERIAL THAT HAS ACCUMULATED AS A RESULT OF THE CONSTRUCTION ACTIVITY. A MECHANICAL SWEEPER, MECHANICALLY DRIVEN AIR AND HANDWORK WITH SHOVEL AND BROOM SHALL BE UTILIZED TO PROVIDE A CLEAN STREET FOR THE MOTORING PUBLIC. WITHIN 24 HOURS OF PLACING PRIME COAT AND THE LAYING OF HMA, THE CONTRACTOR SHALL SWEEP THE PAVEMENT AND REMOVE STANDING WATER, EARTH, WEEDS, LEAVES, DIRT, CONSTRUCTION DEBRIS, AND ALL LOOSE MATERIAL.
- THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AND TEMPORARY DRAINAGE OUTLETS WITHIN THE WORK ZONE AT ALL TIMES. SHOULD ANY EXCAVATED AREA BECOME INUNDATED WITH WATER DURING CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE AND LAYERS OF THE WORK ZONE IMPACTED AT NO ADDITIONAL COST TO THE CONTRACT. IMPACTED AREAS REQUIRING REMEDIATION WILL BE DETERMINED AT THE SOLE DISCRETION OF THE ENGINEER.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE VILLAGE PROPERTY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- ADJACENT LAND TO TRAIL CONSTRUCTION CONTAINS ACTIVE AGRICULTURE PRODUCTION. EQUIPMENT, VEHICLES, AND PERSONNEL MAY NOT ACCESS THESE FIELDS WITHOUT EXPRESSED PERMISSION BY THE OWNER. NO MATERIALS SHALL SPILL OUT TO, NOR MATERIALS BE PLACED, IN THESE ACTIVE AGRICULTURE FIELDS. ANY CONSTRUCTION ACTIVITY DISCOVERED AFFECTING THESE FIELDS SHALL BE REPAIRED TO THE OWNER'S SATISFACTION.
- PER VILLAGE ORDINANCE NO. 2636.2, CONSTRUCTION WORK MAY BE PERFORMED MONDAY THRU SATURDAY DURING THE HOURS OF 7:00 A.M. TO 8:00 P.M. AND ON SUNDAYS FROM 8:00 A.M. TO 6:00 P.M. NO WORK MAY BE PERFORMED PRIOR OR BEYOND THIS PERIOD WITHOUT PRIOR WRITTEN APPROVAL FROM THE VILLAGE.

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.
- 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.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF CULVERTS OR DITCHES, 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 APPURTENANCES SHALL BE FREE OF DIRT AND DEBRIS.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THIS WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.

EARTHWORK

- THE ENGINEER WILL COMPLETE A STRING-LINE REVIEW OF THE SUB-GRADE AND SUBSEQUENTLY THE AGGREGATE BASE COURSE UPON TWENTY-FOUR (24) HOURS NOTICE FROM THE CONTRACTOR. THE CONTRACTOR WILL NOT BE PERMITTED TO COVER THE LAYER BEING REVIEWED UNTIL WRITTEN NOTICE HAS BEEN RECEIVED FROM THE ENGINEER. SEGMENTS OF THE BIKE PATH CONSTRUCTION MAY BE SEQUENCED APPROPRIATELY TO PERMIT CONTINUOUS CONSTRUCTION OPERATIONS.
- FOLLOWING ACCEPTANCE OF THE STRING-LINE REVIEW BY THE ENGINEER, THE CONTRACTOR SHALL PERFORM A PROOF ROLL OF THE SUBGRADE WITH A LOADED SIX-WHEELER IN THE PRESENCE OF THE ENGINEER AND THE VILLAGE. A WEIGHT TICKET WILL BE REQUIRED. THE PROOF ROLL CANNOT BE SCHEDULED WHEN THERE IS GREATER THAN A TWENTY FIVE PERCENT (25%) CHANCE OF RAIN IN THE FORECAST FOR THE SUBSEQUENT FORTY-EIGHT (48) HOURS AFTER THE PROOF ROLL IN ORDER TO PERMIT THE CONTRACTOR ENOUGH TIME TO TAKE ANY NOTED REMEDIAL ACTION AND/OR COMPLETE DELIVERY OF AGGREGATE BASE COURSE TO COVER THE SUB GRADE.

HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-srt-gen0.dgn
 PEN TABLE: 1/10/2021



USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS, DISTRICT 1 DETAILS & GENERAL NOTES	
WINN ROAD BIKE PATH	
SCALE: N.T.S	SHEET 1 OF 2 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-R5	McHENRY	26	2
			CONTRACT NO. 61H58	
		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES CONTINUED

BACKFILL

1. PIPE CULVERTS SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 550.07, METHOD 1 ONLY.
2. PROVIDE TRENCH BACKFILL FOR ALL UTILITY LINES WITHIN 2' OF PAVED AREAS. ALL TRENCH BACKFILL QUANTITIES FOR PIPE CULVERTS HAVE BEEN COMPUTED AND SHALL BE PAID FOR IN ACCORDANCE WITH THE STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS BUREAU OF CONSTRUCTION TRENCH BACKFILL TABLE, BASED ON PIPE SIZE AND INVERT DEPTH FROM SUBGRADE.
3. TRENCH BACKFILL MATERIAL SHALL CONSIST OF CA-6 CRUSHED STONE OR CRUSHED AGGREGATE.

SEDIMENTATION AND EROSION CONTROL

1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS, AND THE USE OF TEMPORARY AND PERMANENT MEASURES.
2. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
3. TEMPORARY EROSION CONTROL SEEDING AND/OR EROSION CONTROL BLANKET SHALL BE APPLIED ON ALL DISTURBED AREAS IN ACCORDANCE WITH SECTIONS 250 AND 251 OF THE STANDARD SPECIFICATIONS. SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.
4. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN 14 CALENDAR DAYS OF THE END OF THE ACTIVE HYDROLOGIC DISTURBANCE, OR REDISTURBANCE IN ACCORDANCE WITH SECTIONS 250 AND 280 OF THE STANDARD SPECIFICATIONS.
5. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED AS DIRECTED BY THE ENGINEER.
6. ANY SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT OR AS DIRECTED BY THE ENGINEER AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
7. SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES. IF DE-WATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE).
8. THE EROSION CONTROL MEASURES INDICATED IN THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER OR GOVERNING AGENCY.

PAVING

1. LONGITUDINAL CONSTRUCTION JOINTS WILL NOT BE PERMITTED.
2. TRANSVERSE CONSTRUCTION JOINTS WILL BE ALLOWED DURING PAVING PROVIDED THE CONTRACTOR COMPLETE A SAWCUT AT LEAST SIX INCHES INTO THE ADJACENT MAT AT THE START OF PAVING THE FOLLOWING DAY.
3. CONSTRUCTION JOINTS THAT SIT OVERNIGHT WILL REQUIRE CRACK ROUTING AND SEALING UPON COMPLETION OF SURFACE COURSE CONSTRUCTION. JOINT SEALANT SHALL MEET THE REQUIREMENTS OF ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.

SIGNING AND STRIPING

1. SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
2. THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH HIS CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED.
3. SEE IDOT DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.

CONSTRUCTION LAYOUT

1. TRAIL SHALL BE STAKED 72 HOURS BEFORE ANY EXCAVATION. VILLAGE AND ENGINEER WILL REVIEW BEFORE AUTHORIZATION. ANY FIELD ADJUSTMENT WILL BE REQUESTED AND REVIEWED BY THE CONTRACTOR, ENGINEER, VILLAGE AND CONTRACTOR PRIOR TO EXCAVATION WORK STARTING.

COMMITMENTS

NONE.

HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-srt-gen0.dgn
 PEN TABLE: 1/10/2021.tbl



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	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES WINN ROAD BIKE PATH	
SCALE: N.T.S	SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-R5	McHENRY	26	3
CONTRACT NO. 61H58			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ITEP 80% FEDERAL 0028
20200100	EARTH EXCAVATION	CU YD	310.0	310.0
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	430.0	430.0
20400800	FURNISHED EXCAVATION	CU YD	254.0	254.0
20800150	TRENCH BACKFILL	CU YD	44.0	44.0
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	4,802.0	4,802.0
25000210	SEEDING, CLASS 2A	ACRE	1.0	1.0
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	90	90
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	90	90
25100125	MULCH, METHOD 3	ACRE	1.0	1.0
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100	100
28000305	TEMPORARY DITCH CHECKS	FOOT	60.0	60.0
28000400	PERIMETER EROSION BARRIER	FOOT	105.0	105.0
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	45.0	45.0
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1,735.0	1,735.0
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	3,245	3,245
* 40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	175	175
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	387.0	387.0
* 42400800	DETECTABLE WARNINGS	SQ FT	44.0	44.0
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	115.0	115.0

* SPECIAL PROVISION
+ SPECIALTY ITEM

HRG PROJECT NO.: 21071
HRG PROJ CONTACT:
FILE NAME: 21071-001-000.dgn
PEN TABLE: 1/16/2021
HRGreen.com



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PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
WINN ROAD BIKE PATH**

SCALE: N.T.S SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	McHENRY	26	4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H58	

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ITEP 80% FEDERAL 0028
48101200	AGGREGATE SHOULDERS, TYPE B	TON	52	52
50105220	PIPE CULVERT REMOVAL	FOOT	79.0	79.0
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2	2
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	172.0	172.0
67100100	MOBILIZATION	L SUM	1	1
* 70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
* 70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
+ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	125.0	125.0
+ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	280.0	280.0
+ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	21.0	21.0
* X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	50.0	50.0
* Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	80.0	80.0

* SPECIAL PROVISION
+ SPECIALTY ITEM

HRG PROJECT NO.: 21071
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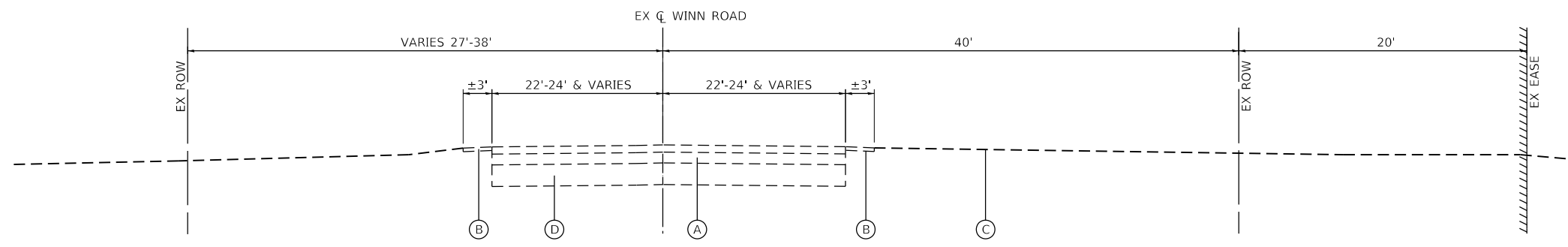
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PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
WINN ROAD BIKE PATH

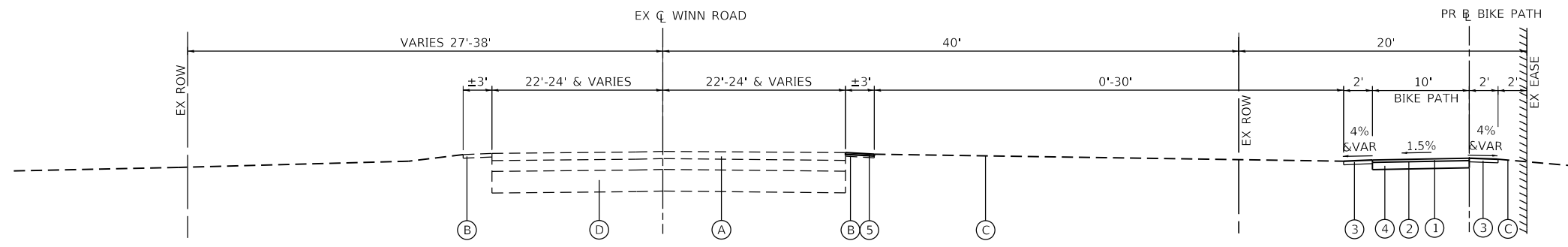
SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHEMRY	26	5
CONTRACT NO. 61H58			ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION

WINN ROAD
NORTH OF BRENTWOOD DR TO ENGLISH PRAIRIE RD
STA 100+00.00 TO STA 113+95.00



PROPOSED TYPICAL SECTION

WINN ROAD
NORTH OF BRENTWOOD DR TO ENGLISH PRAIRIE RD
STA 100+00.00 TO STA 113+95.00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
BIKE PATH		
HMA SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 2"	4.0% @ 50 GYR.	LR 1030-2
CLASS D PATCHES		
HMA SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 2"	4.0% @ 50 GYR.	LR 1030-2
HMA BINDER COURSE, IL-19.0, N50; 4"	4.0% @ 50 GYR.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2		

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIAL SPECIFICATIONS.

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT
- (B) AGGREGATE SHOULDERS
- (C) EXISTING GROUND
- (D) AGGREGATE BASE COURSE

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2 INCH
- (2) BITUMINOUS MATERIALS (PRIME COAT)
- (3) TURF GRADED SHOULDERS; 4% MAX SLOPE (PAID FOR SEPARATELY AS TOPSOIL F&P 6, SEEDING, CLASS 2A & MULCH METHOD 3)
- (4) AGGREGATE BASE COURSE, TYPE B; 6 INCH
- (5) AGGREGATE SHOULDERS, TYPE B; 2 INCH (CA-6 CRUSHED GRAVEL OR CRUSHED STONE)

HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-srt-typlsec-01.dgn
 PEN TABLE: 010101.dwg



USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING & PROPOSED TYPICAL SECTIONS
WINN ROAD BIKE PATH**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-R5	MCHENRY	26	6
CONTRACT NO. 61H58			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES - EARTHWORK

WINN BP	EARTHWORK (CU YD)				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) WITH 15% SHRINKAGE
STATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTH EXCAVATION	EMBANKMENT	AGGREGATE SUBGRADE IMPROVEMENT	TOTAL
100+00.10					0.0
100+50.00	7.9	7.0	2.1	0.0	3.9
101+00.00	16.7	11.1	10.2	0.0	-0.8
101+50.00	17.5	20.3	12.0	0.0	5.3
102+00.00	18.2	18.5	22.5	0.0	-6.7
102+50.00	18.8	9.0	39.7	0.0	-32.0
103+00.00	19.8	3.4	64.7	0.0	-61.8
103+50.00	20.9	1.2	79.8	0.0	-78.8
104+00.00	21.4	6.0	55.3	0.0	-50.1
104+50.00	23.0	7.3	57.3	0.0	-51.1
105+00.00	23.0	10.2	49.2	0.0	-40.5
105+50.00	21.0	23.1	11.7	0.0	8.0
106+00.00	19.9	27.5	0.6	0.0	22.8
106+50.00	18.4	21.2	0.1	0.0	17.9
107+00.00	15.0	15.5	0.1	0.0	13.1
107+50.00	12.6	11.4	0.0	0.0	9.7
108+00.00	10.4	10.7	0.0	0.0	9.1
108+50.00	9.9	12.5	0.0	0.0	10.6
109+00.00	11.3	8.2	0.0	0.0	6.9
109+50.00	11.4	10.5	0.0	0.0	8.9
110+00.00	11.3	16.2	0.0	0.0	13.8
110+50.00	11.1	11.6	0.0	0.0	9.8
111+00.00	10.6	6.6	0.0	0.0	5.6
111+50.00	10.3	7.8	0.0	0.0	6.7
112+00.00	10.4	10.4	0.0	0.0	8.9
112+50.00	17.3	8.4	33.3	0.0	-26.2
113+00.00	17.7	3.3	42.8	0.0	-40.0
113+50.00	5.7	0.2	9.5	0.0	-9.3
113+94.00	5.5	1.1	11.3	0.0	-10.3
TOTALS	416.9	300.6	502.1	0.0	-246.5

EARTHWORK SUMMARY

ITEM NO.	CODE	DESCRIPTION	CROSS SECTION BASED	
			WINN ROAD BP	TOTAL
1	20200100	EARTH EXCAVATION	300.6	300.6
2	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	416.9	416.9
3	20400800	FURNISHED EXCAVATION	246.5	246.5
4	30300001	AGGREGATE SUBGRADE IMPROVEMENT	0.0	0.0

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 HRG PROJ CONTACT:
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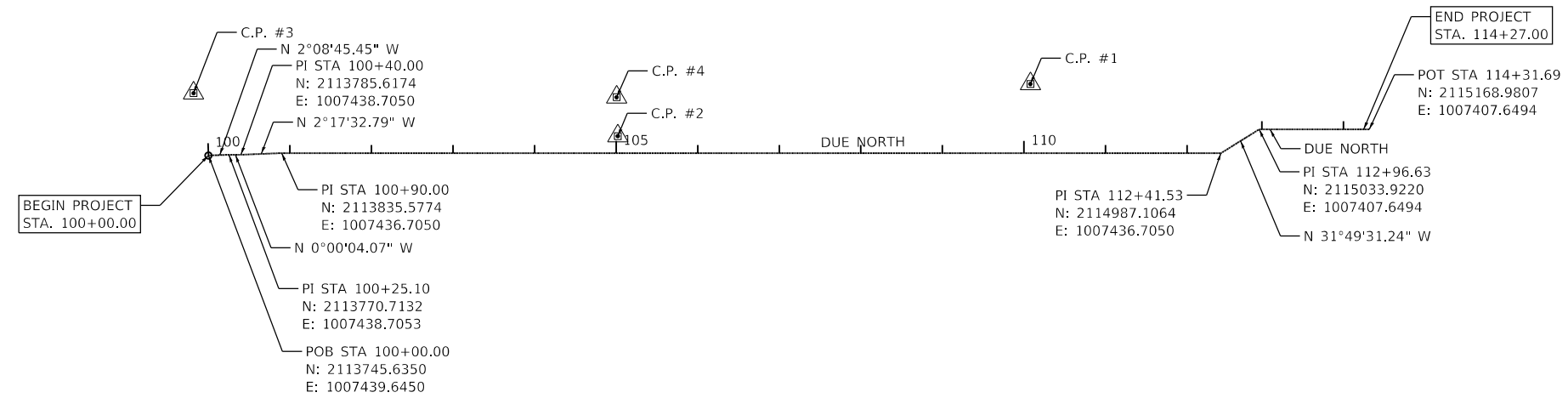
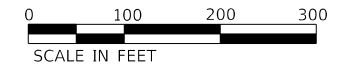
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PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

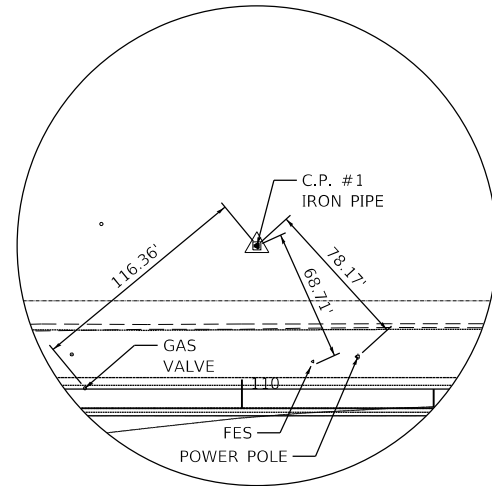
SCHEDULE OF QUANTITIES
WINN ROAD BIKE PATH

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

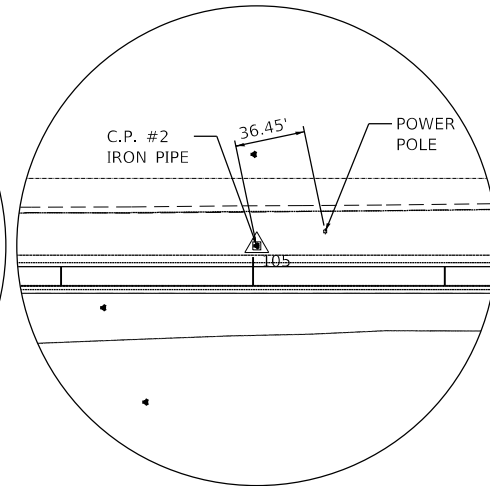
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	7
			CONTRACT NO. 61H58	
ILLINOIS FED. AID PROJECT				



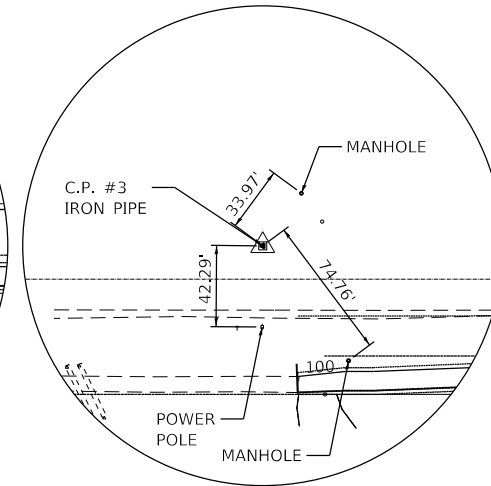
CONTROL POINT #1
 STA. 110+07.89, 84.67' LT
 N: 2114753.4640
 E: 1007352.0340



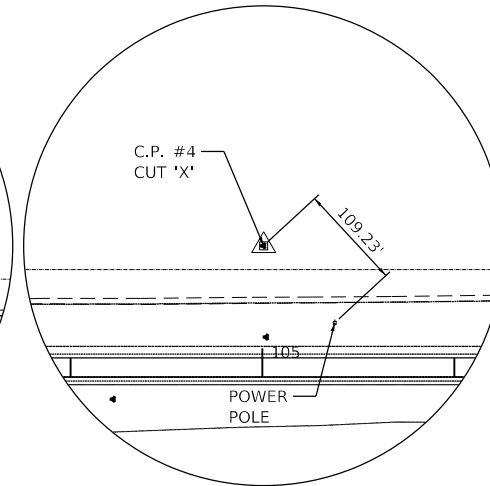
CONTROL POINT #2
 STA. 105+02.00, 20.85' LT
 N: 2114247.5750
 E: 1007415.8530



CONTROL POINT #3
 STA. 100+00.00, 77.04' LT
 N: 2113727.4500
 E: 1007363.2350



CONTROL POINT #4
 STA. 105+00.58, 68.46' LT
 N: 2114246.1580
 E: 1007368.2450



HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-SP1-A-18.dgn
 PEN TABLE: penTable.tbl



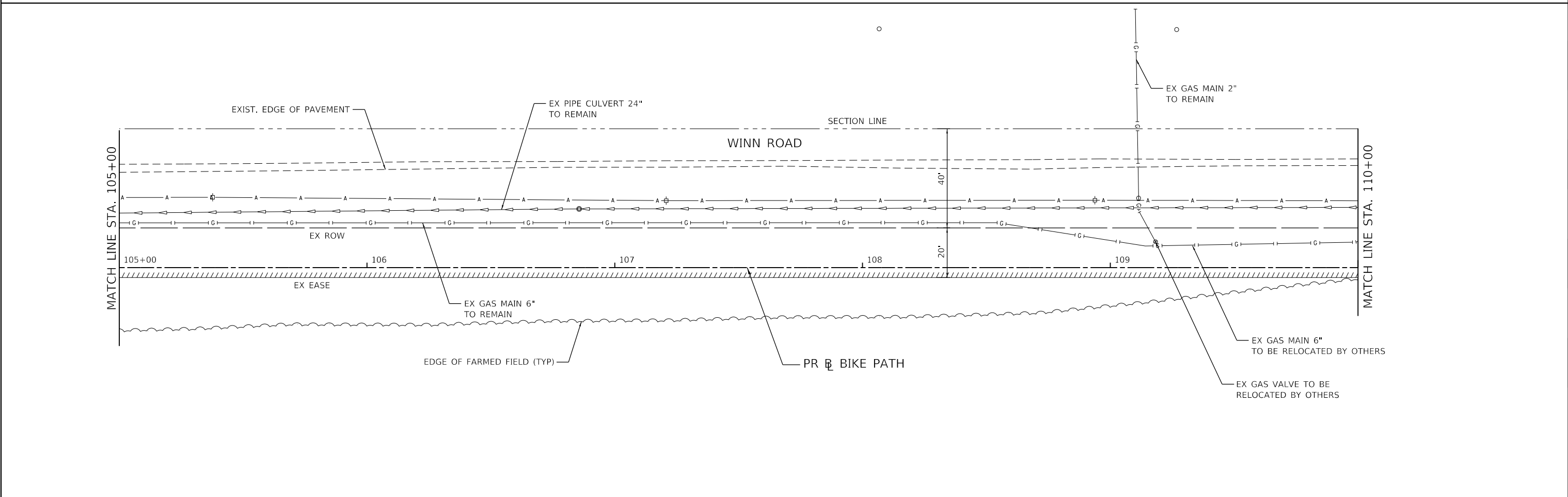
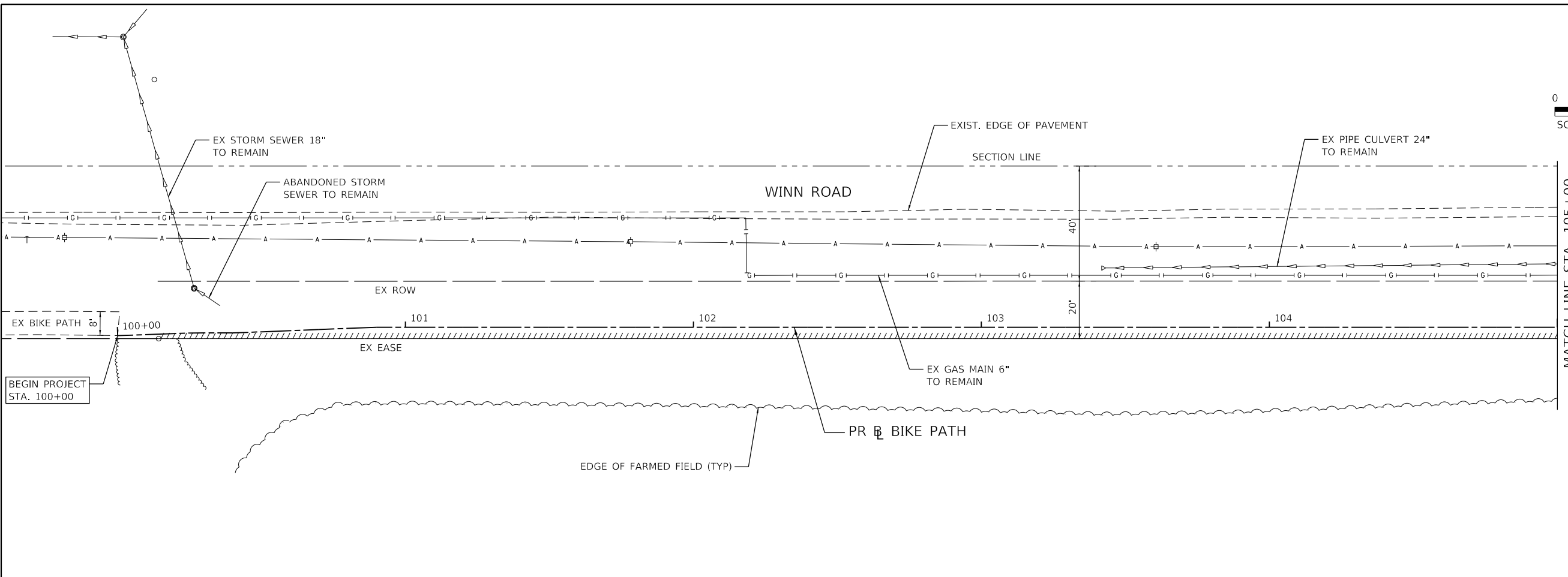
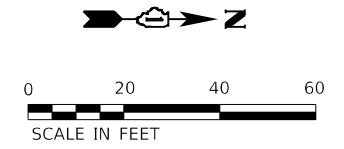
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	DRAWN - DMS	REVISED - XX/XX/XXXX
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PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT, TIES & BENCHMARKS
 WINN ROAD BIKE PATH**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	8
CONTRACT NO. 61H58				
ILLINOIS FED. AID PROJECT				



HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-SP1-Rem-01.dgn
 PEN TABLE: 1/10/2021.tbl

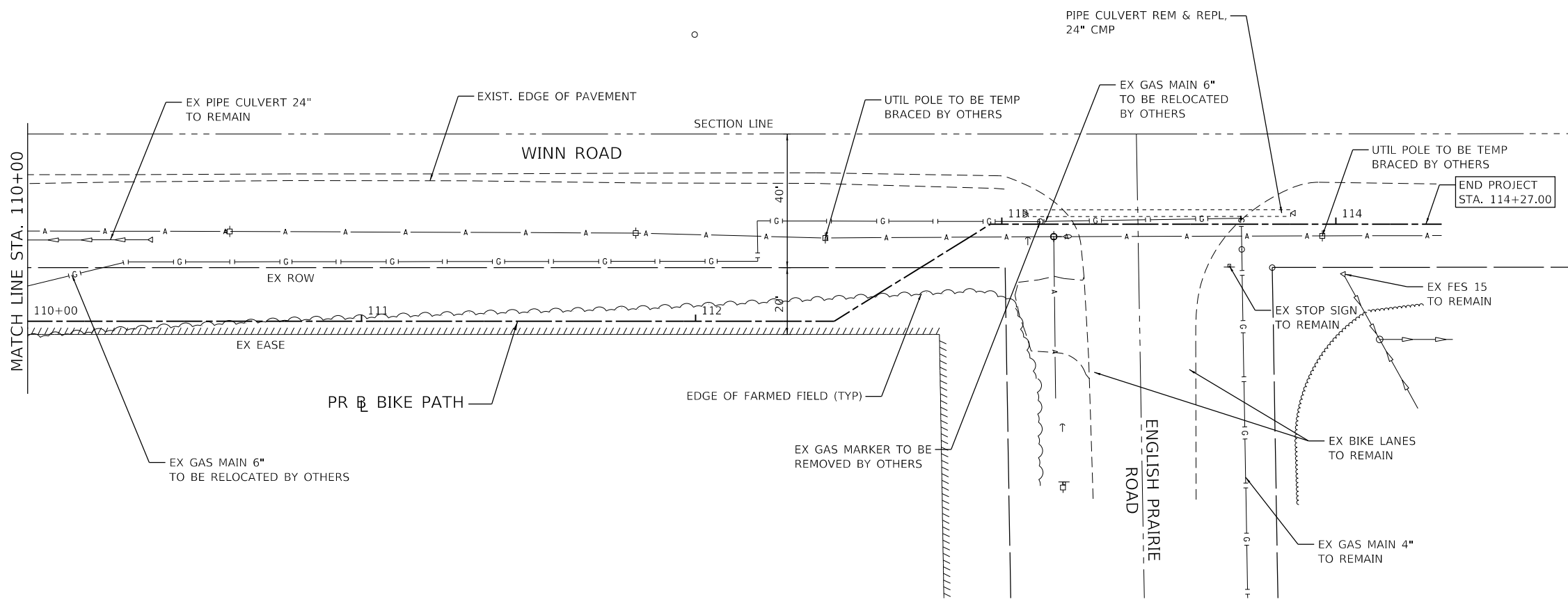
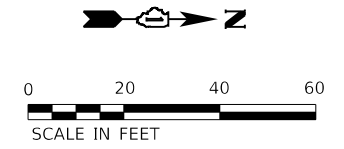


USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLAN WINN ROAD BIKE PATH	
SCALE: 1"=20'	SHEET 1 OF 2 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-R5	MCHENRY	26	9
CONTRACT NO. 61H58			ILLINOIS FED. AID PROJECT	



HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-SP1-rm-02.dgn
 PEN TABLE: p10tbl.tbl



USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
DRAWN - DMS	REVISED - XX/XX/XXXX	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
WINN ROAD BIKE PATH

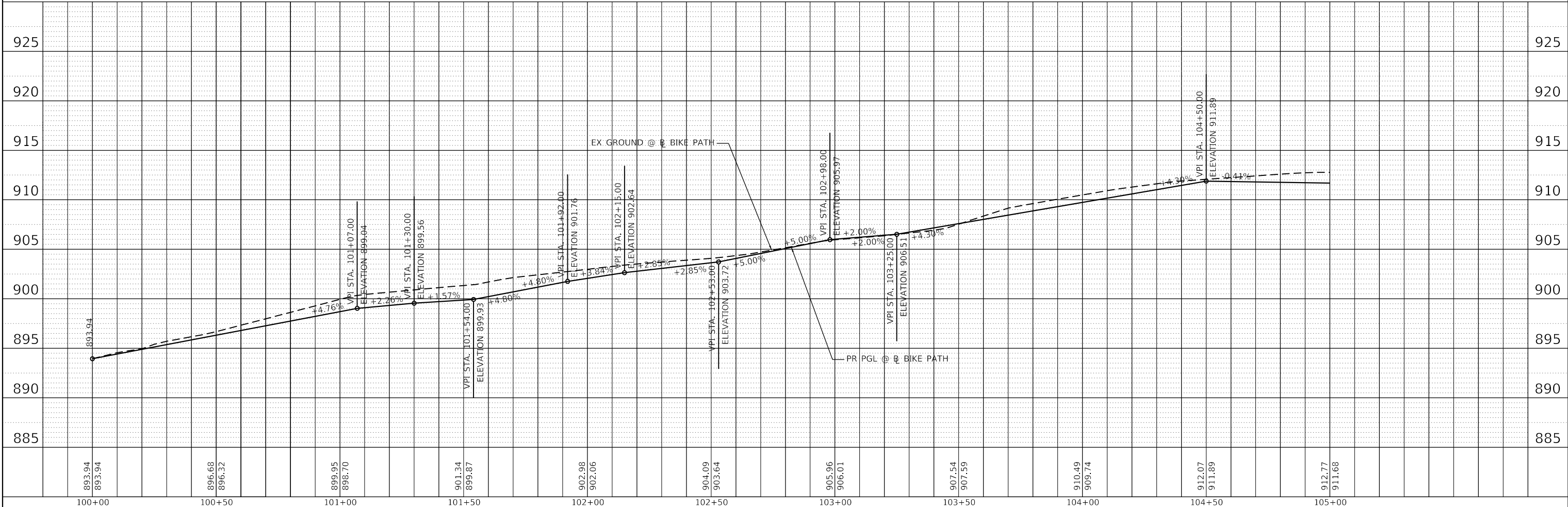
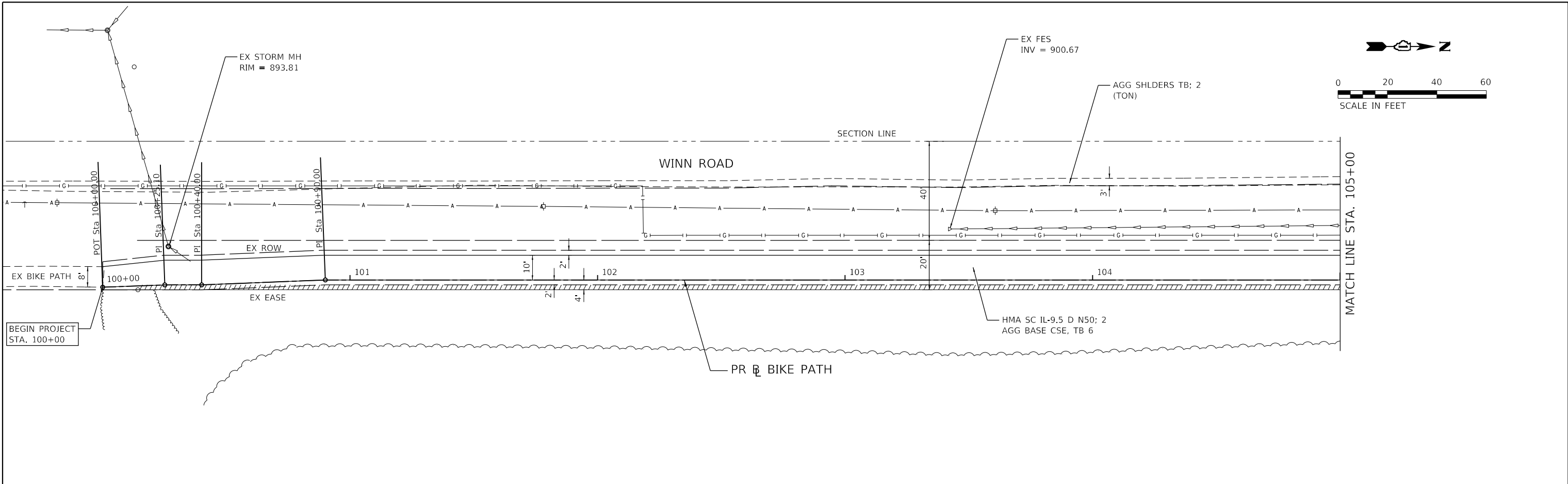
SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	10
CONTRACT NO. 61H58				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		

PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		

HRG PROJECT NO.: 21071
 HRG PROJ. CONTACT:
 FILE NAME: 21071-srt-p1pr-f-01.dgn
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893.94 893.94	896.68 896.32	899.95 898.70	901.34 899.87	902.98 902.06	904.09 903.64	905.96 906.01	907.54 907.59	910.49 909.74	912.07 911.89	912.77 911.68
100+00	100+50	101+00	101+50	102+00	102+50	103+00	103+50	104+00	104+50	105+00

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

USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE
WINN ROAD BIKE PATH

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

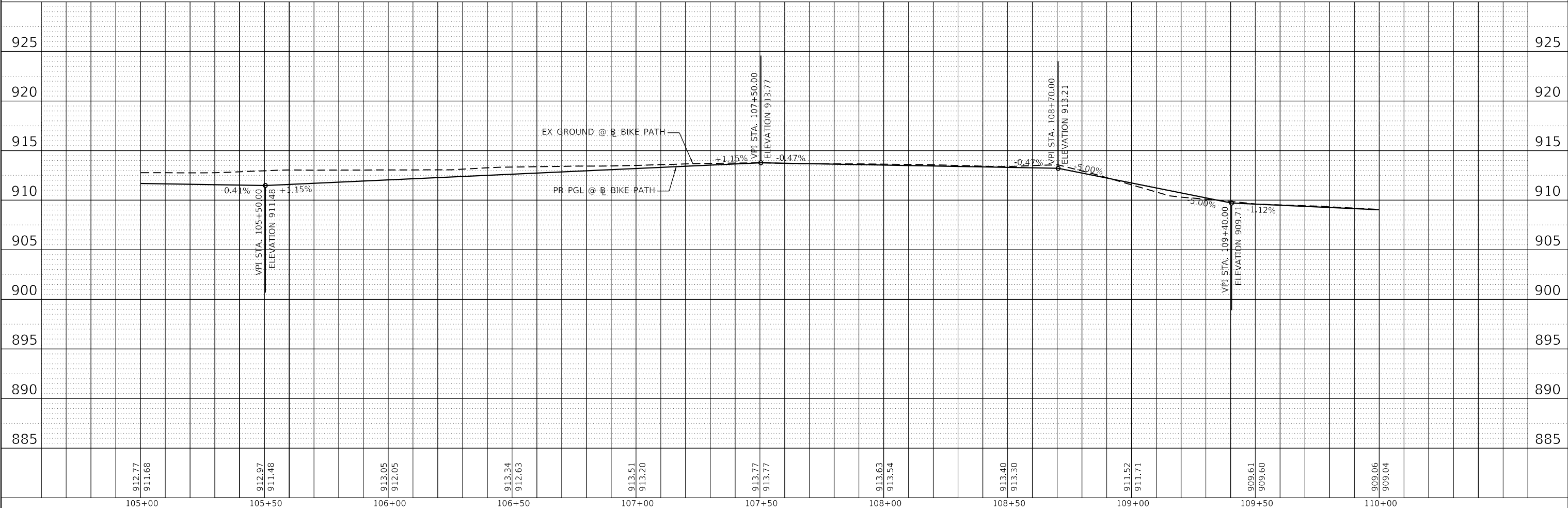
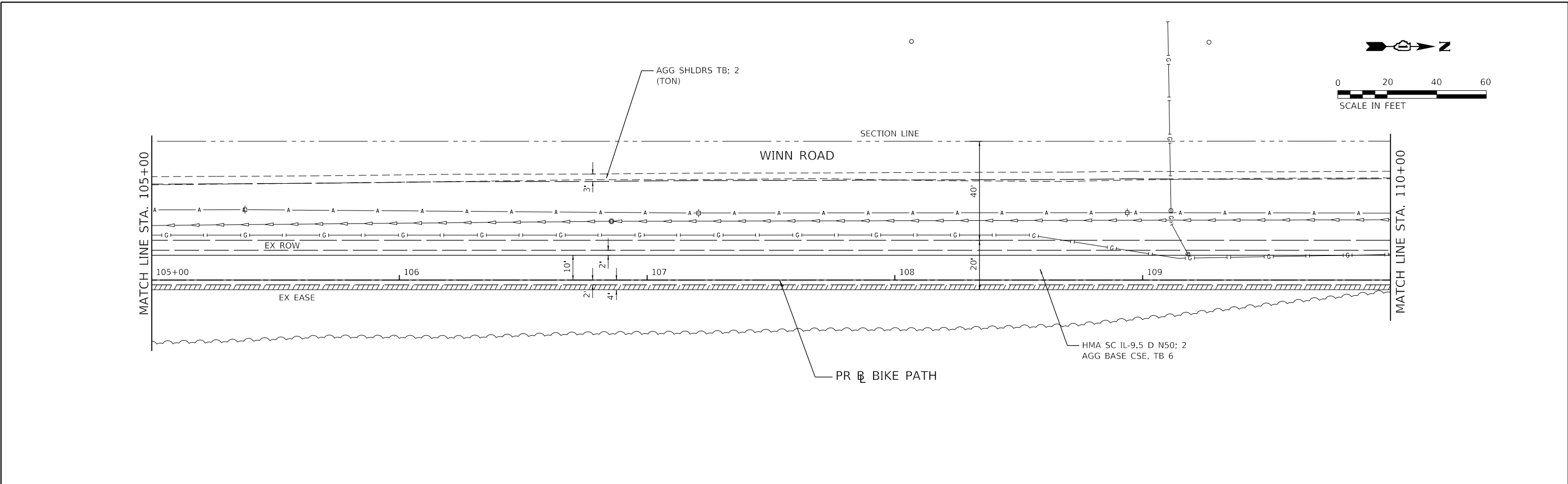
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	11
CONTRACT NO. 61H58				

ILLINOIS FED. AID PROJECT

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

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

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 HRG PROJ. CONTACT:
 FILE NAME: 21071-srt-p1pr-f-02.dgn
 PEN TABLE: p1pr.tbl



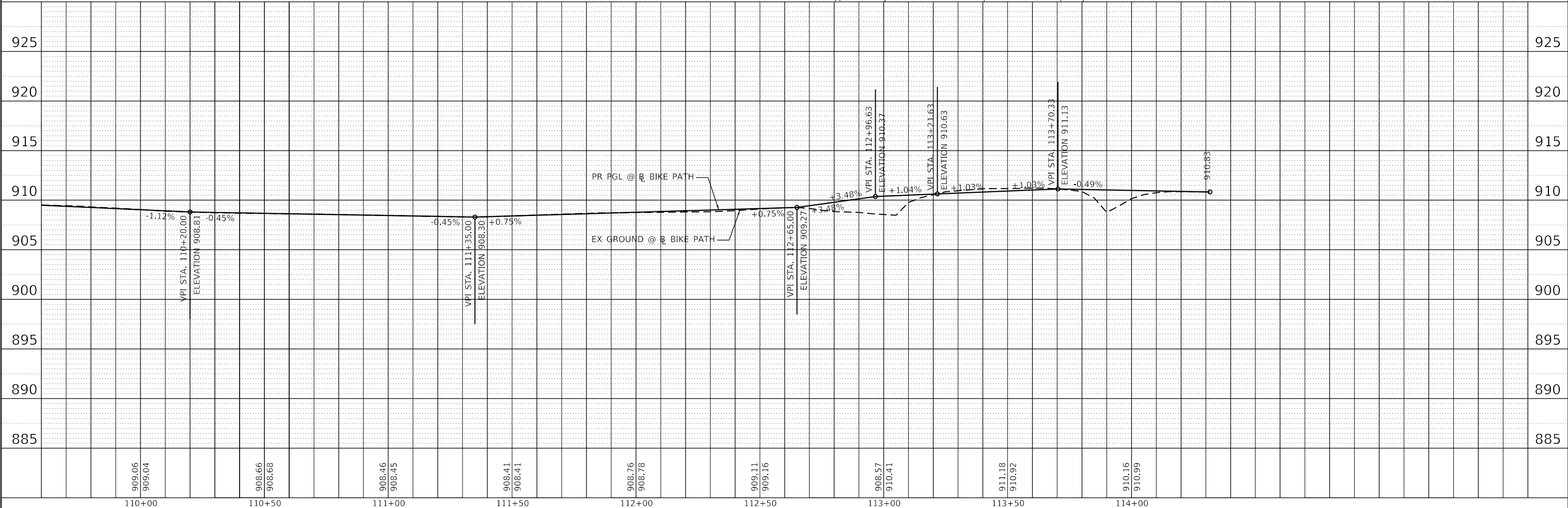
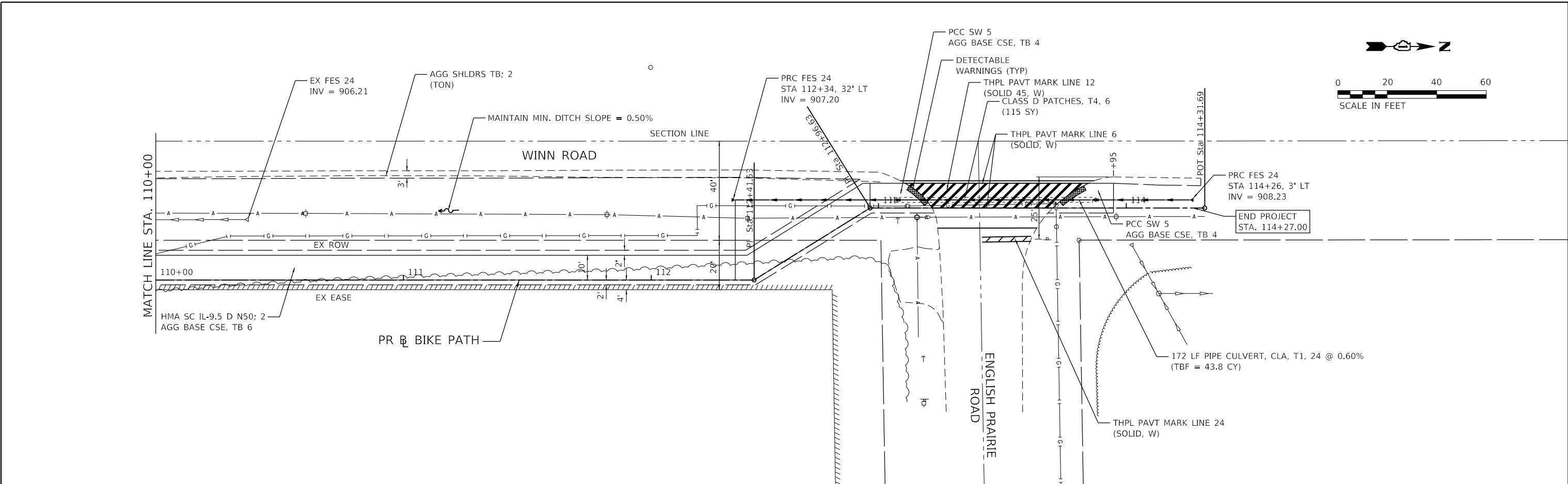
HRGreen.com Illinois Professional Design Firm #184-001322	USER NAME = jstrzal DESIGNED - JJS DRAWN - DMS CHECKED - DATE -	REVISED - XX/XX/XXXX REVISED - XX/XX/XXXX REVISED - XX/XX/XXXX REVISED - XX/XX/XXXX	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE WINN ROAD BIKE PATH	F.A. RTE. 0157 SECTION 21-00018-01-RS COUNTY MCHENRY TOTAL SHEETS 26 SHEET NO. 12 CONTRACT NO. 61H58
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SCALE: 1"=20' SHEET 2 OF 3 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT

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

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

HRG PROJECT NO. 21071
 HRG PROJ. CONTACT:
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 PEN TABLE: p1prtbl.tbl



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110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00									

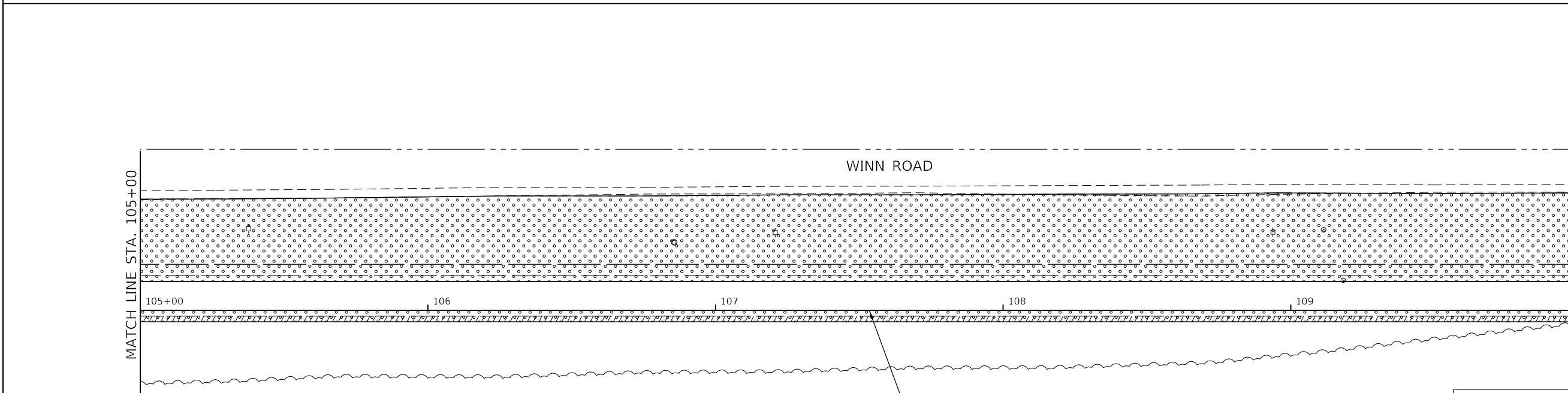
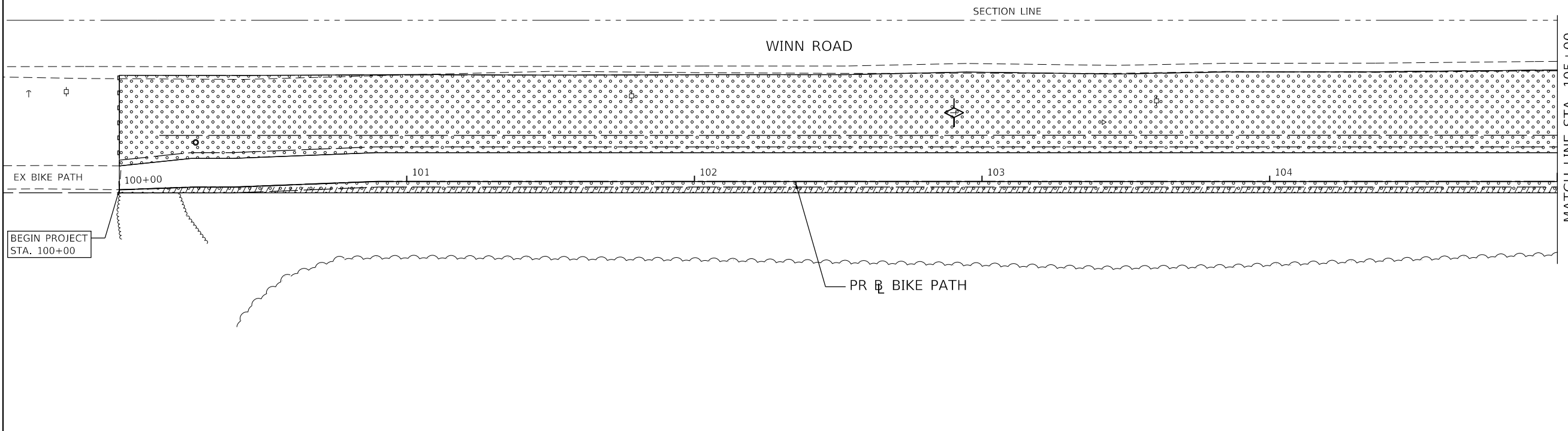
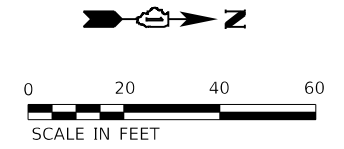
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DRAWN - DMS	REVISED - XX/XX/XXXX	REVISED - XX/XX/XXXX
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE
WINN ROAD BIKE PATH**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	13
CONTRACT NO. 61H58				
ILLINOIS		FED. AID PROJECT		



LEGEND	
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECKS
	TOPSOIL FURNISH & PLACE, 6" MULCH METHOD 3 (HYDRAULIC APPLICATION) SEEDING, CLASS 2A TEMPORARY EROSION CONTROL SEEDING

HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-sht-eros-01.dgn
 USER: jstrzal
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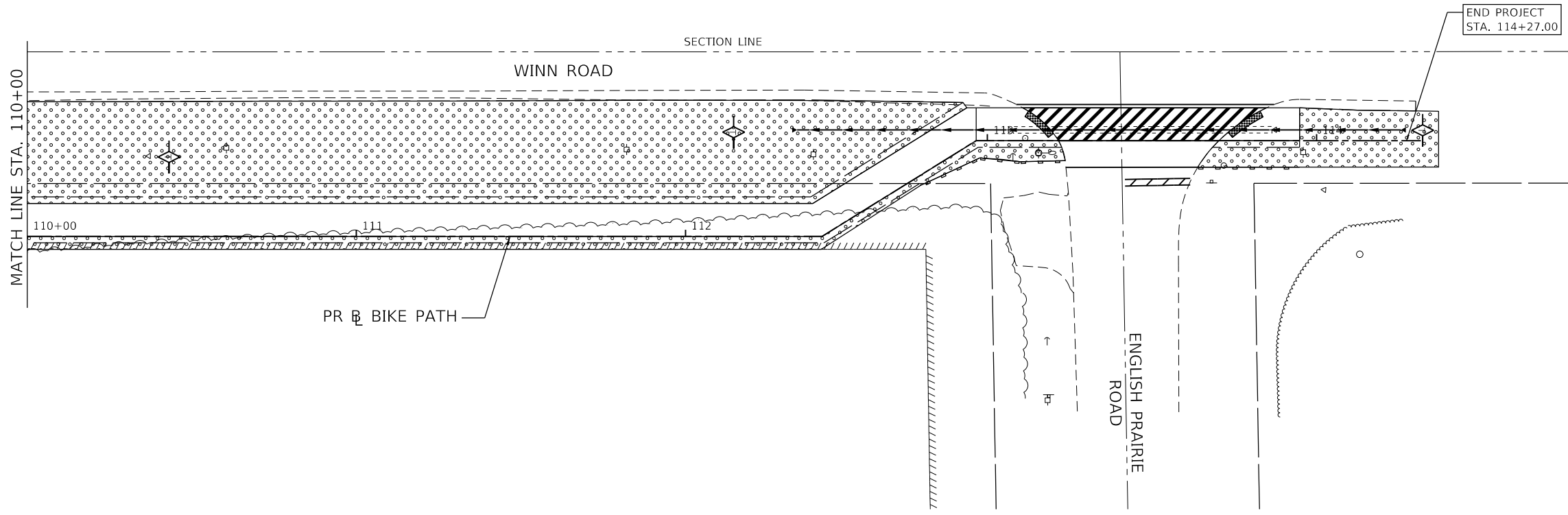
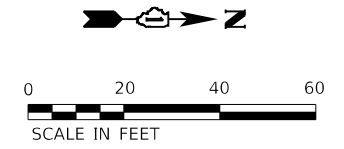


USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN			
WINN ROAD BIKE PATH			
SCALE: 1"=20'	SHEET 1 OF 2 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	14
			CONTRACT NO. 61H58	
ILLINOIS FED. AID PROJECT				



END PROJECT
STA. 114+27.00

MATCH LINE STA. 110+00

PR & BIKE PATH

ENGLISH PRAIRIE
ROAD

LEGEND			
	PERIMETER EROSION BARRIER		TEMPORARY DITCH CHECKS
	TOPSOIL FURNISH & PLACE, 6" MULCH METHOD 3 (HYDRAULIC APPLICATION) SEEDING, CLASS 2A TEMPORARY EROSION CONTROL SEEDING		

HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-err-02.dgn
 PEN TABLE: 1/10/2021

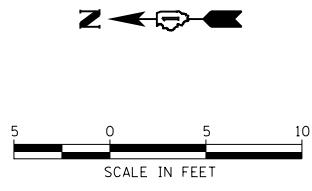


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PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

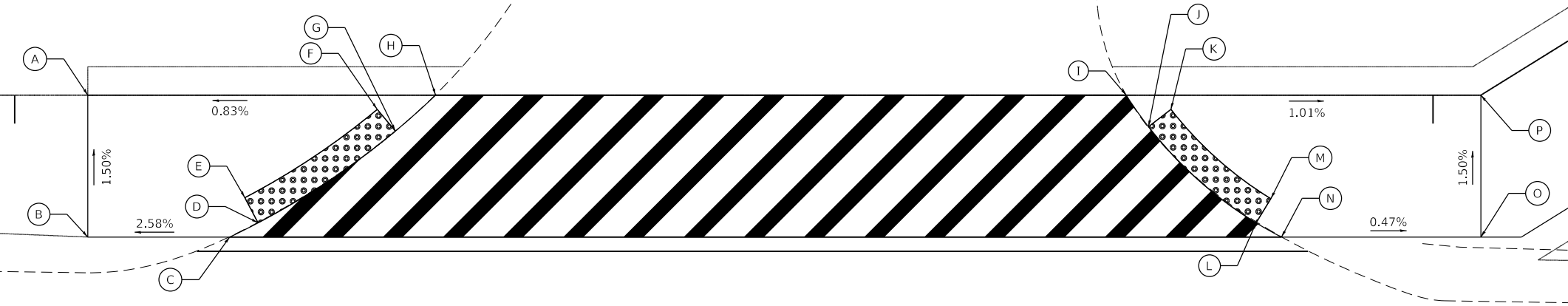
EROSION CONTROL PLAN WINN ROAD BIKE PATH			
SCALE: 1"=20'	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	15
				CONTRACT NO. 61H58
ILLINOIS FED. AID PROJECT				



ENGLISH PRAIRIE ROAD

WINN ROAD



POINT	STATION	OFFSET	ELEVATION
A	113+94.85	0.00'	911.01
B	113+94.85	10.00' LT	911.16
C	113+84.85	10.00' LT	(911.52)
D	113+82.85	8.99' LT	(911.47)
E	113+83.77	7.23' LT	911.45
F	113+74.45	1.00' LT	911.18
G	113+73.17	2.54' LT	(911.20)
H	113+70.33	0.00'	(911.13)
I	113+21.63	0.00'	(910.63)
J	113+20.06	2.23' LT	(910.61)
K	113+18.48	1.00' LT	910.59
L	113+12.47	9.00' LT	(910.60)
M	113+11.43	7.29' LT	910.58
N	113+10.69	10.00' LT	(910.59)
O	112+96.63	10.00' LT	910.52
P	112+96.63	0.00'	910.37

LEGEND:
 (XXX.XX) = EXISTING ELEVATION
 XXX.XX = PROPOSED ELEVATION
 DETECTABLE WARNINGS

HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-srv-sw-emp-01.dgn
 PEN TABLE: 1/10/2021



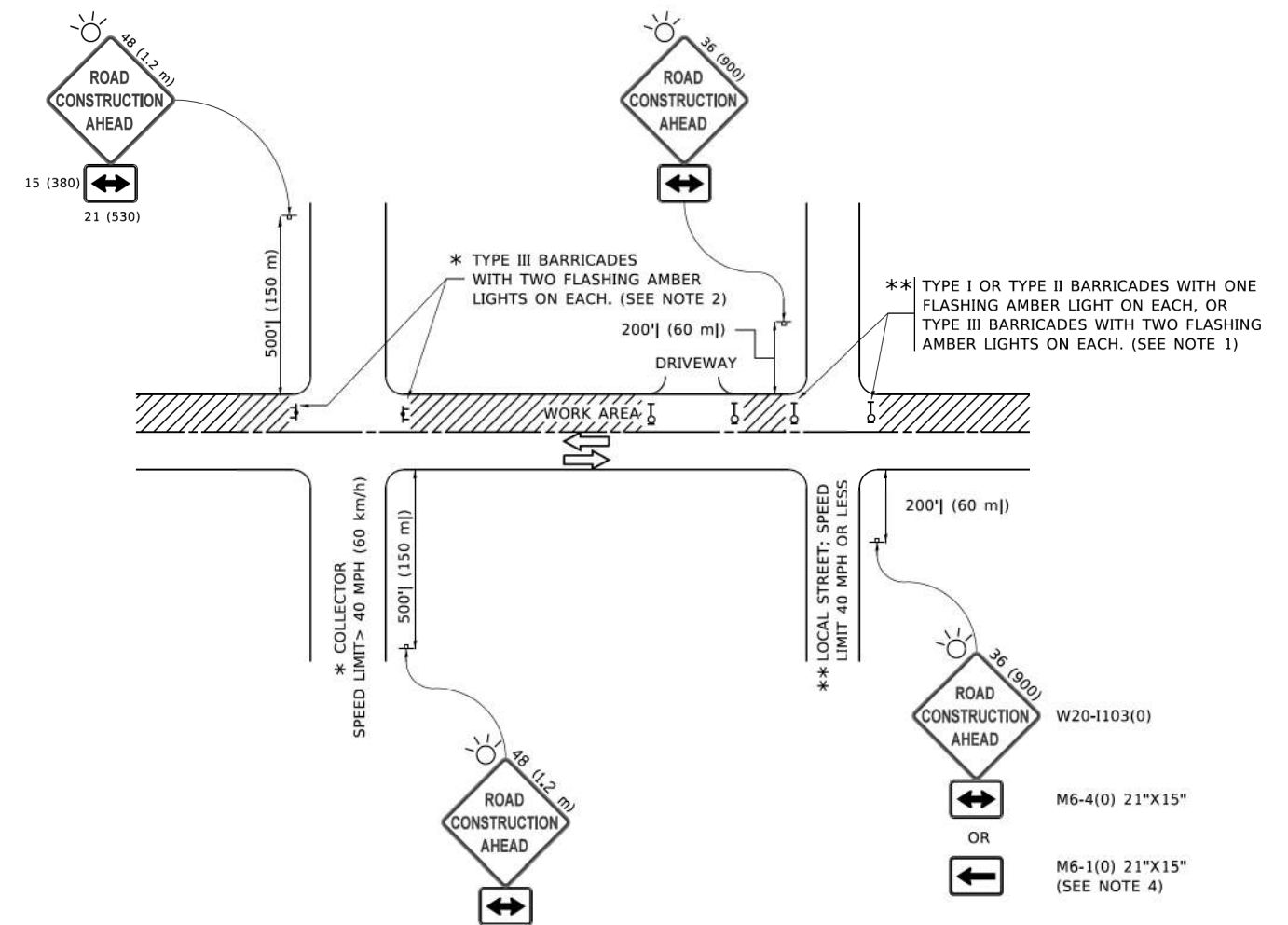
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PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK GRADING PLAN
WINN ROAD BIKE PATH**

SCALE: 1"=5' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	16
CONTRACT NO. 61H58				
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

HRG PROJECT NO: 21071
 HRG PROJ CONTACT:
 FILE NAME: 21071-511-ds+TCD.dgn
 PLOT DATE: 3/4/2019 10:27:07 AM
 PLOT SCALE: 50.0000 / 1
 PLOT DATE: 3/4/2019

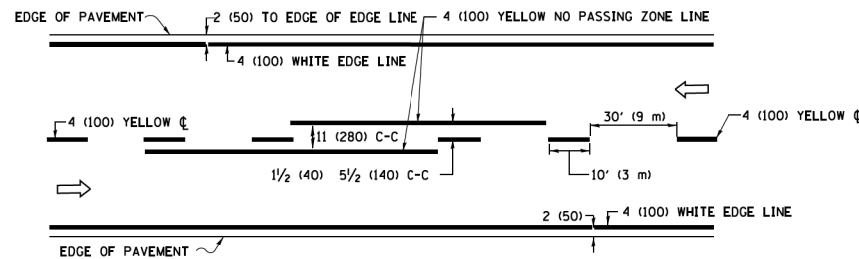
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000 / 1	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

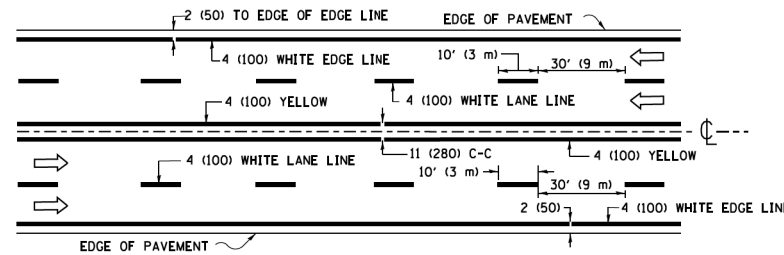
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

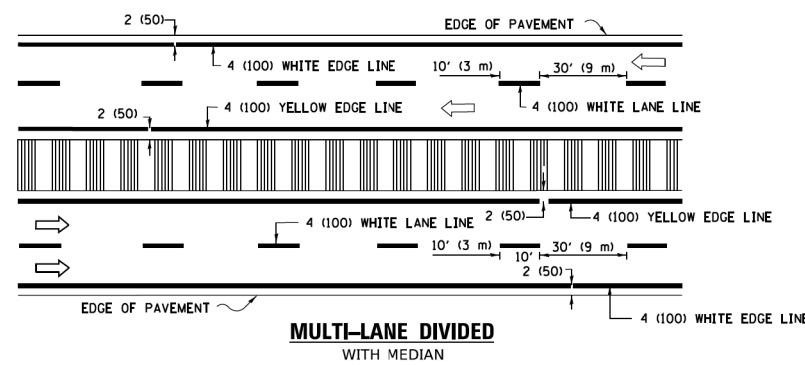
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	17
TC-10			CONTRACT NO. 61H58	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

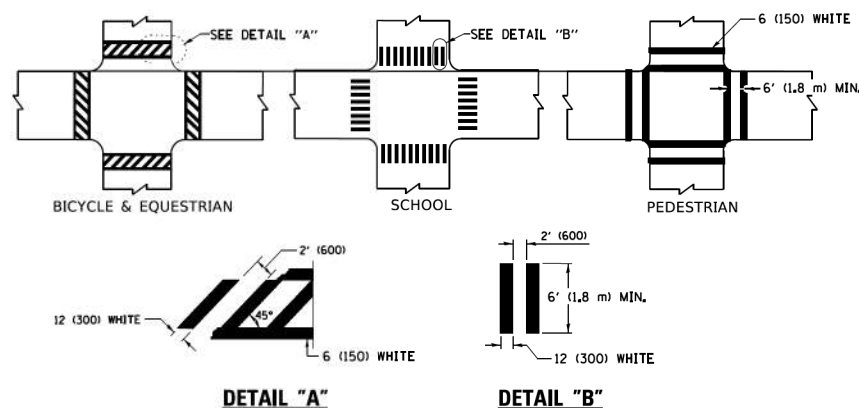


MULTI-LANE UNDIVIDED



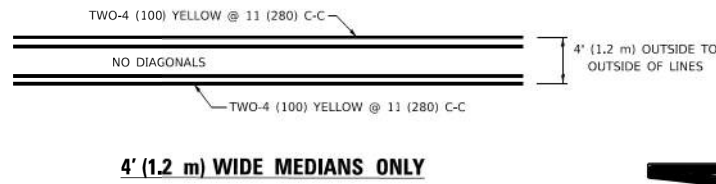
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

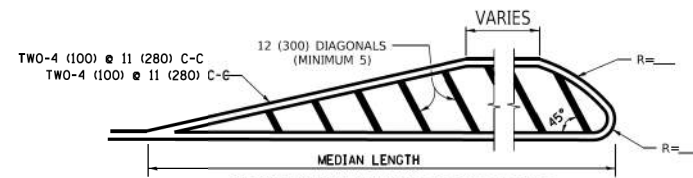


TYPICAL CROSSWALK MARKING

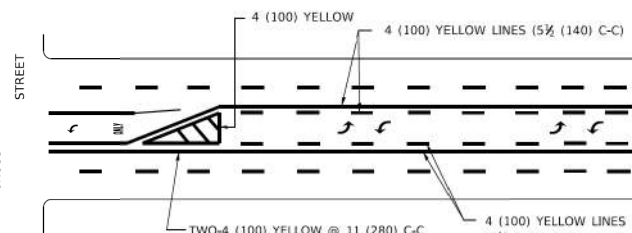
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



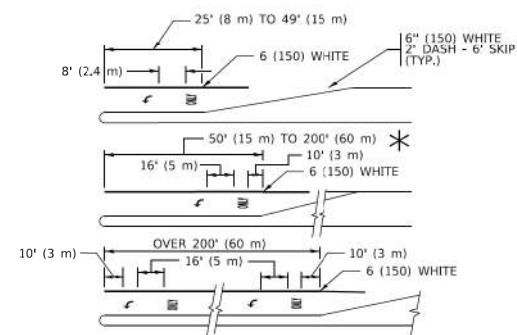
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

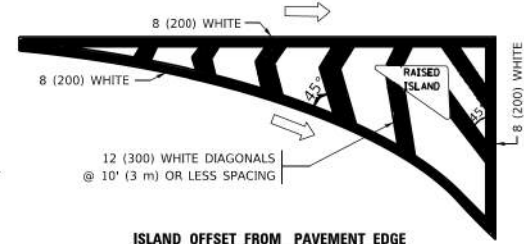


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

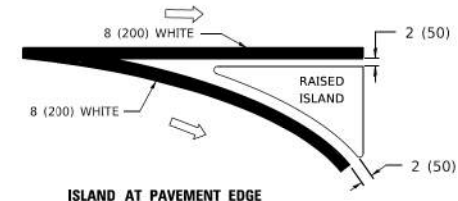


TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

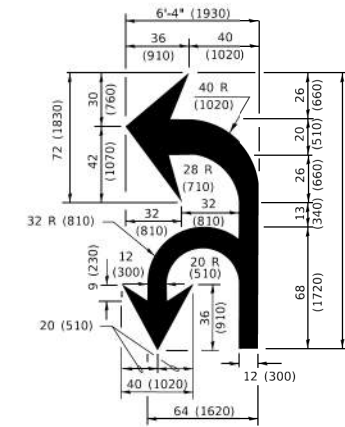


ISLAND OFFSET FROM PAVEMENT EDGE

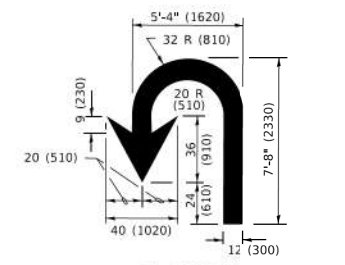


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 2' (600) APART 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: *R* 15' 6" (1.8 m) LETTERS; 16 (400) LINE FOR *X*	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ² EACH) *X*=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

HRG PROJECT NO: 21071
HRG PROJ CONTACT:
FILE NAME: 2017-2018-09-17-03.dgn
FILE OF: 2017-2018-09-17-03.dgn
PROJECT: 2017-2018-09-17-03.dgn
PROJECT: 2017-2018-09-17-03.dgn

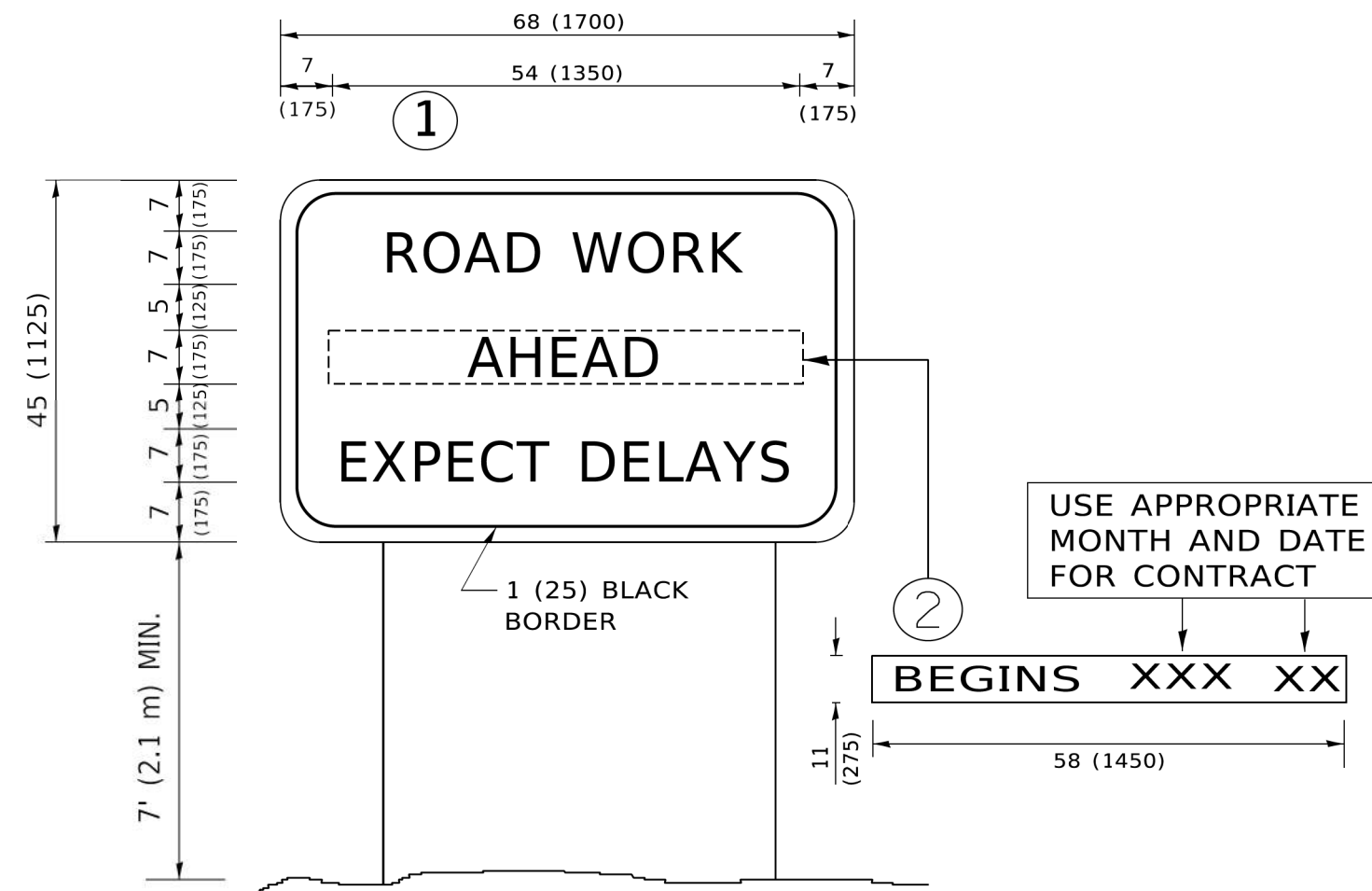
USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-RS	MCHENRY	26	18
TC-13		CONTRACT NO. 61H58		
ILLINOIS		FED. AID PROJECT		



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

HRG PROJECT NO.: 21071
 HRG PROJ. CONTACT:
 FILE NAME: 21071-5171-06+TC22.dgn
 PLOT DATE: 3/4/2019 10:48:10 AM
 PLOT SCALE: 50.0000 1 / 11.
 PLOT DATE: 3/4/2019

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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 1 / 11.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

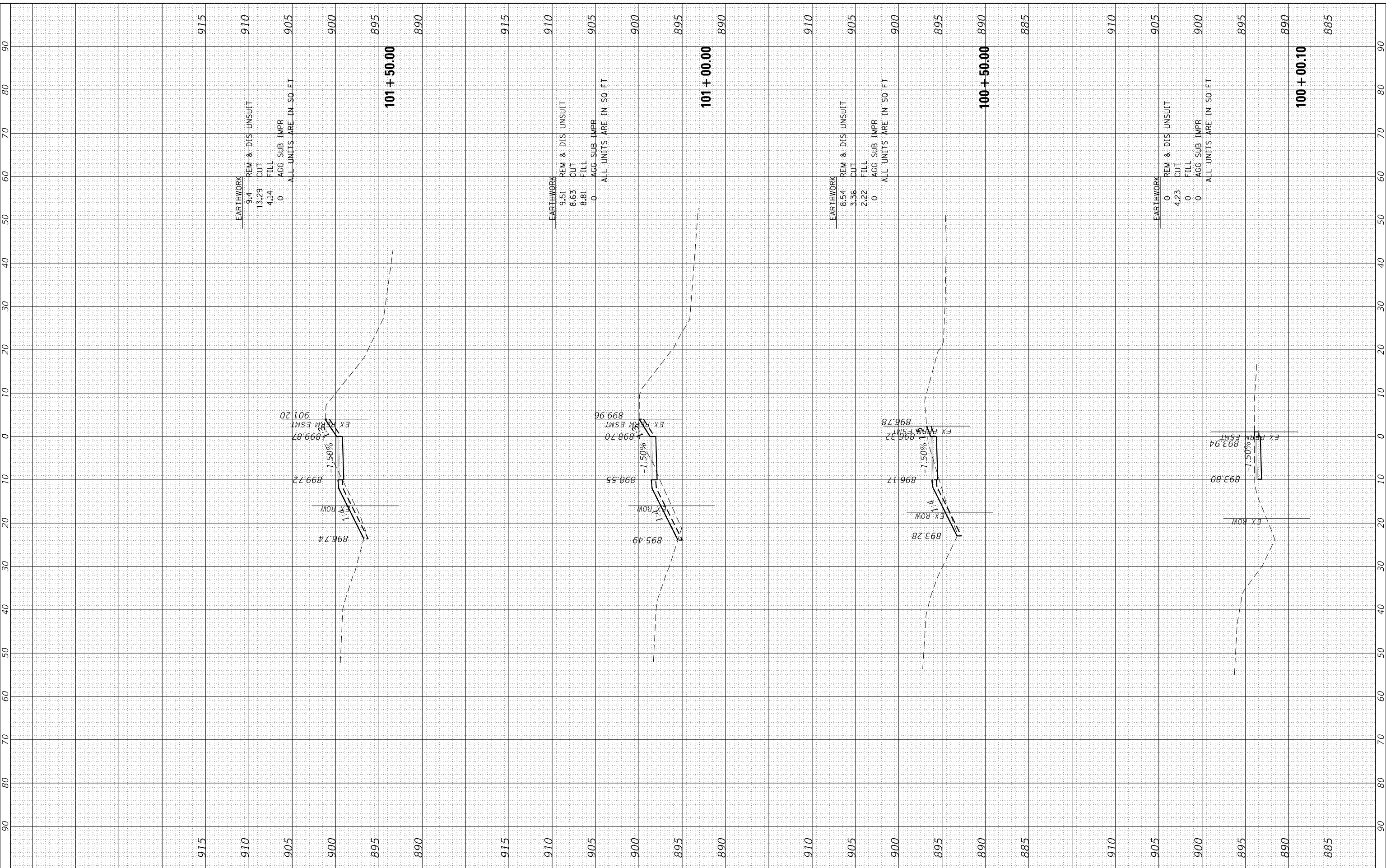
ARTERIAL ROAD INFORMATION SIGN	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 0157	SECTION 21-00018-01-RS	COUNTY MCHENRY	TOTAL SHEETS 26	SHEET NO. 19
TC-22		CONTRACT NO. 61H58		
ILLINOIS FED. AID PROJECT				

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

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

HRG PROJECT No: 21077
 FILE NAME: 21077_101+00.10+WinRd_Bike.dgn
 PLOT DRIVER: il_caf_bwinrtdt
 PEN TABLE: plot.tbl

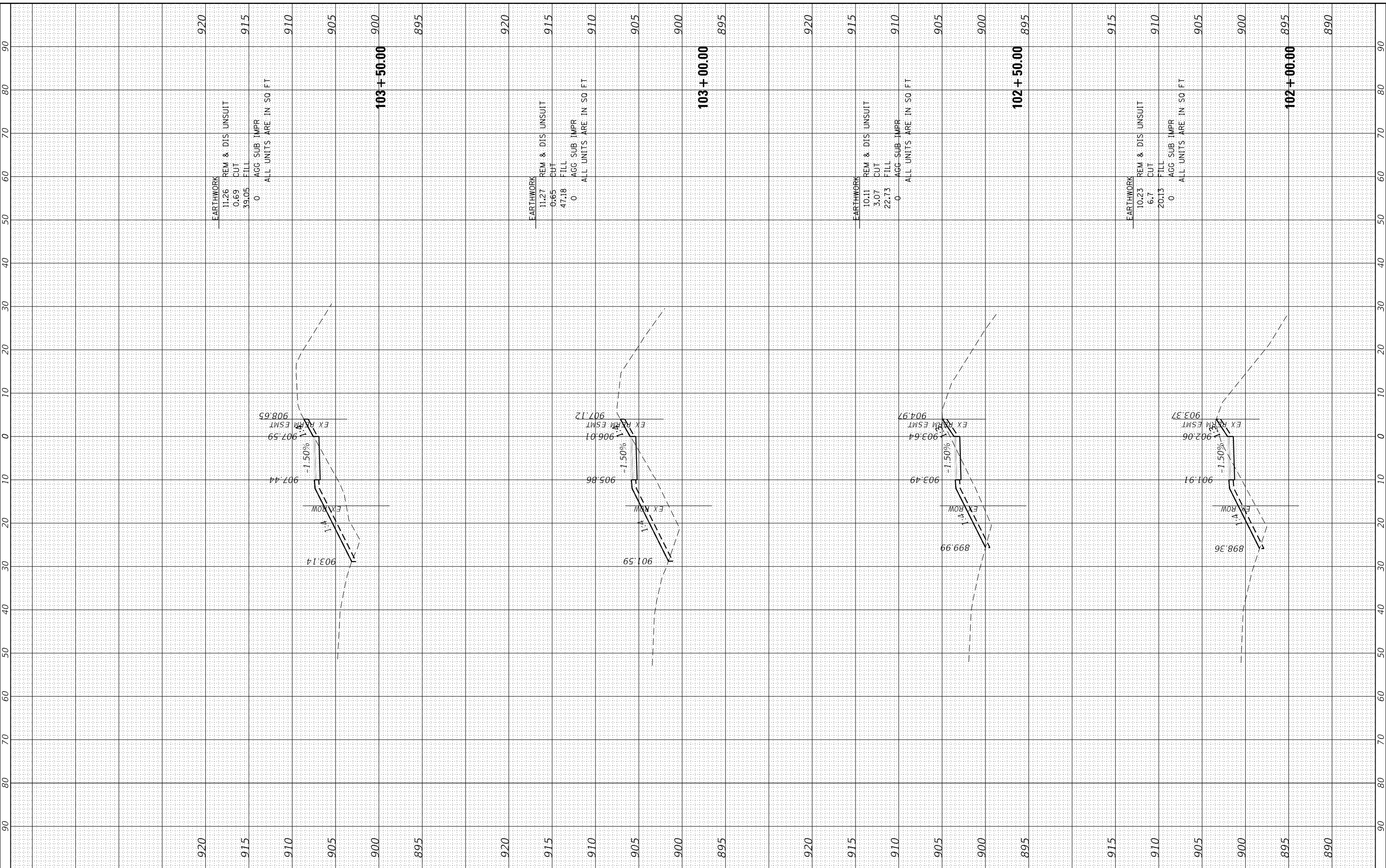


	USER NAME = jstrzal DESIGNED - JJS DRAWN - DMS CHECKED - DATE -	REVISED - XX/XX/XXXX REVISED - XX/XX/XXXX REVISED - XX/XX/XXXX REVISED - XX/XX/XXXX	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS WINN ROAD BIKE PATH	SCALE: 10H:5V SHEET 1 OF 7 SHEETS STA. 100+00.10 TO STA. 101+50.00	F.A.U. RTE. 0157 SECTION 21-00018-01-R5 COUNTY MCHENRY TOTAL SHEETS 26 SHEET NO. 20 CONTRACT NO. 61H58	ILLINOIS FED. AID PROJECT
	HRGreen.com Illinois Professional Design Firm #184-001322	PLOT SCALE = 20.0000' / in. PLOT DATE = 12/28/2021					

BY	DATE
FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED

BY	DATE
ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED

HRG PROJECT No: 21077
 FILE NAME: 21077 - WinnRd - WIP.dgn
 PLOT DRIVER: il_caf_bwinrte.dwg
 PEN TABLE: plot.tbl



920

EARTHWORK
 11.26 REM & DIS UNSUIT
 0.69 CUT
 39.05 FILL
 0 AGG SUB IMPR
 ALL UNITS ARE IN SQ FT

915

910

905

900

895

103+50.00

920

EARTHWORK
 11.27 REM & DIS UNSUIT
 0.65 CUT
 47.18 FILL
 0 AGG SUB IMPR
 ALL UNITS ARE IN SQ FT

915

910

905

900

895

103+00.00

920

EARTHWORK
 10.11 REM & DIS UNSUIT
 3.07 CUT
 22.73 FILL
 0 AGG SUB IMPR
 ALL UNITS ARE IN SQ FT

915

910

905

900

895

102+50.00

915

EARTHWORK
 10.23 REM & DIS UNSUIT
 6.7 CUT
 20.13 FILL
 0 AGG SUB IMPR
 ALL UNITS ARE IN SQ FT

910

905

900

895

102+00.00

890

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 #184-001322

USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

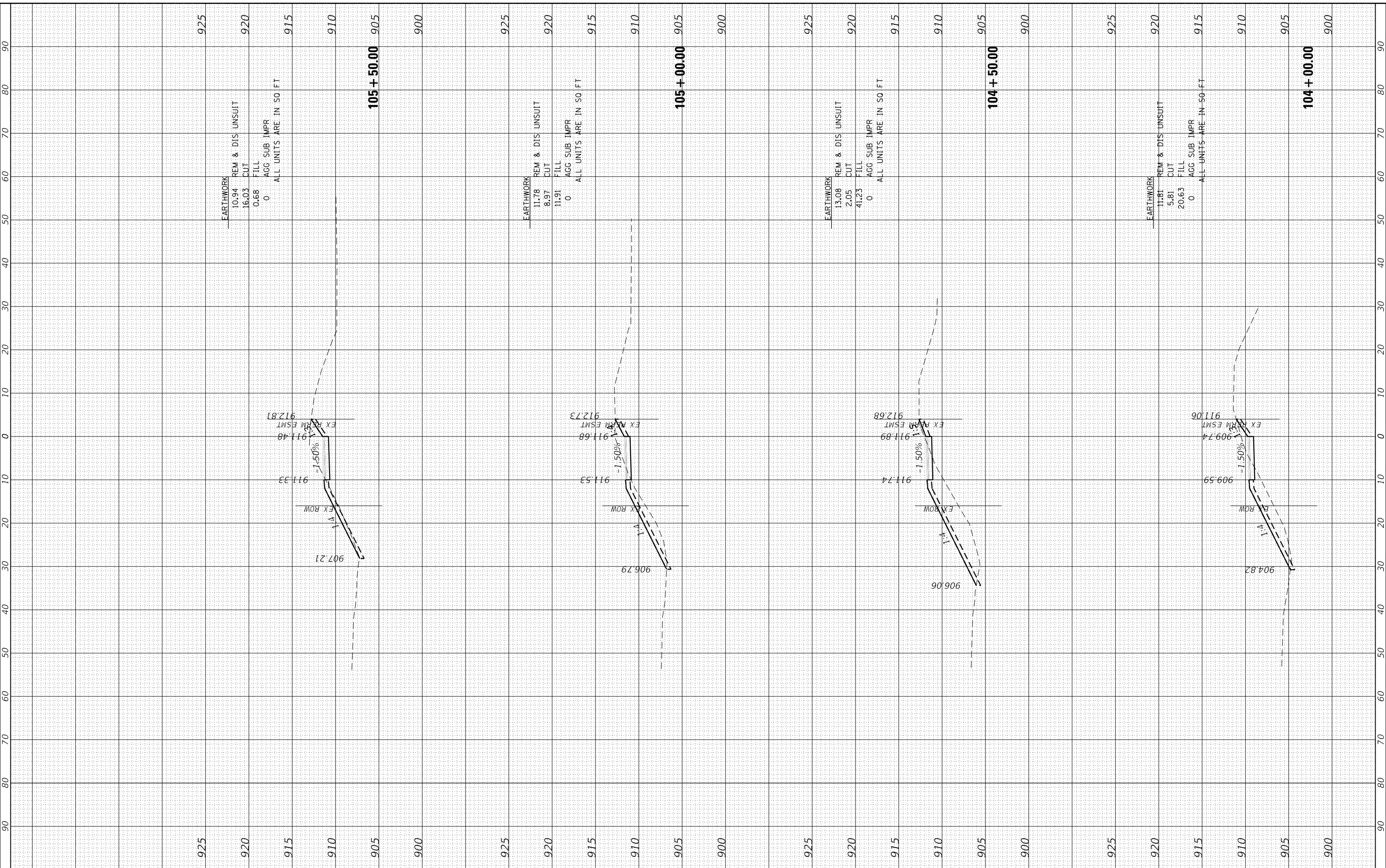
CROSS SECTIONS WINN ROAD BIKE PATH	
SCALE: 10H:5V	SHEET 2 OF 7 SHEETS
STA. 102+00.00 TO STA. 103+50.00	

F.A.U. RTE. 0157	SECTION 21-00018-01-R5	COUNTY MCHENRY	TOTAL SHEETS 26	SHEET NO. 21
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H58	

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

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

HRG PROJECT No: 21077
 USER: jstrzal
 FILE NAME: 21077-104+00.00-WinnBike.dgn
 PLOT DRIVER: il_caf_bwintrc.dwg
 PEN TABLE: plot.tbl



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USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	CHECKED -	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 WINN ROAD BIKE PATH**

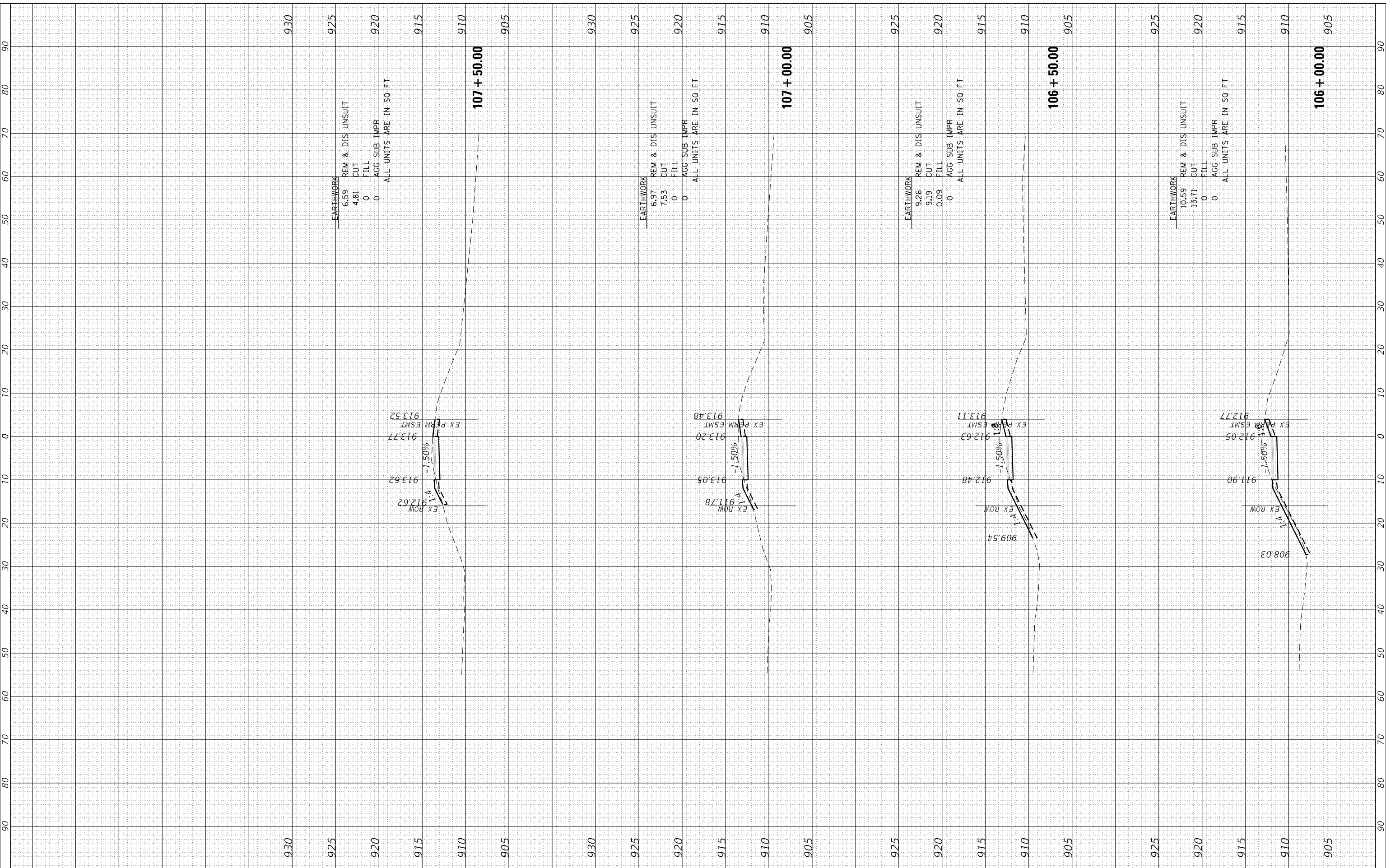
SCALE: 10H:5V SHEET 3 OF 7 SHEETS STA. 104+00.00 TO STA. 105+50.00

F.A.U. RTE. 0157	SECTION 21-00018-01-R5	COUNTY MCHENRY	TOTAL SHEETS 26	SHEET NO. 22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H58	

FINISH SURVEY NO.	DATE

ORIGINAL SURVEY NO.	DATE

HRG PROJECT NO: 21077
 USER: JSTRZAL
 FILE NAME: 21077-110-00-00-00.dgn
 PLOT DRIVER: J:\cpl\dwg\plc\p1c07.dwg
 PEN TABLE: p1c07.tbl



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USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / 1"	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

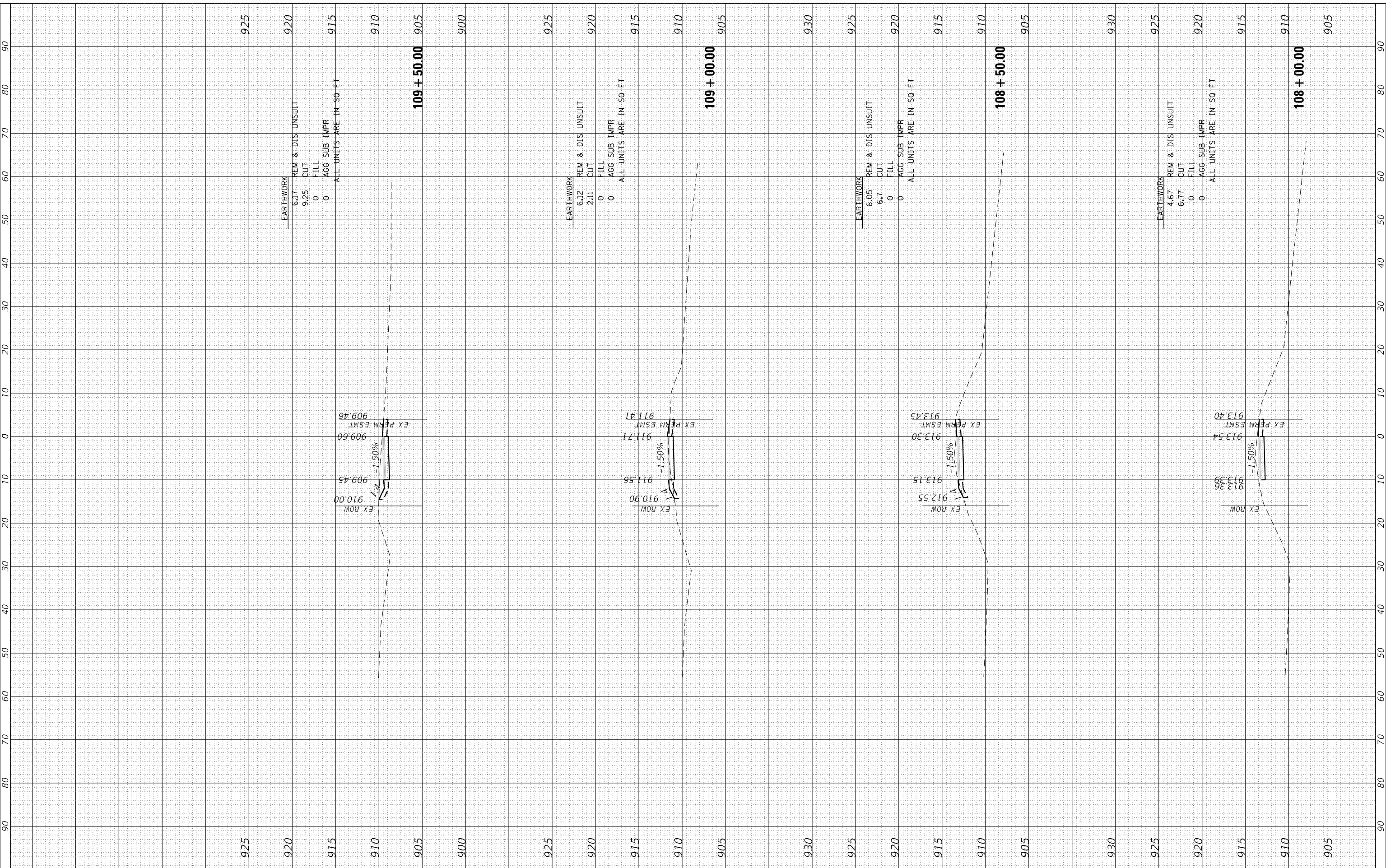
CROSS SECTIONS WINN ROAD BIKE PATH			
SCALE: 10H:5V	SHEET 4 OF 7 SHEETS	STA. 106+00.00 TO STA. 107+50.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-R5	MCHENRY	26	23
CONTRACT NO. 61H58				
ILLINOIS FED. AID PROJECT				

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

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

HRG PROJECT No: 21077
 USER: jstrzal
 FILE NAME: 21077-108+50.00-109+50.00.dgn
 PLOT DRIVER: il_def_dwg.plt
 PEN TABLE: plot.tbl



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USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

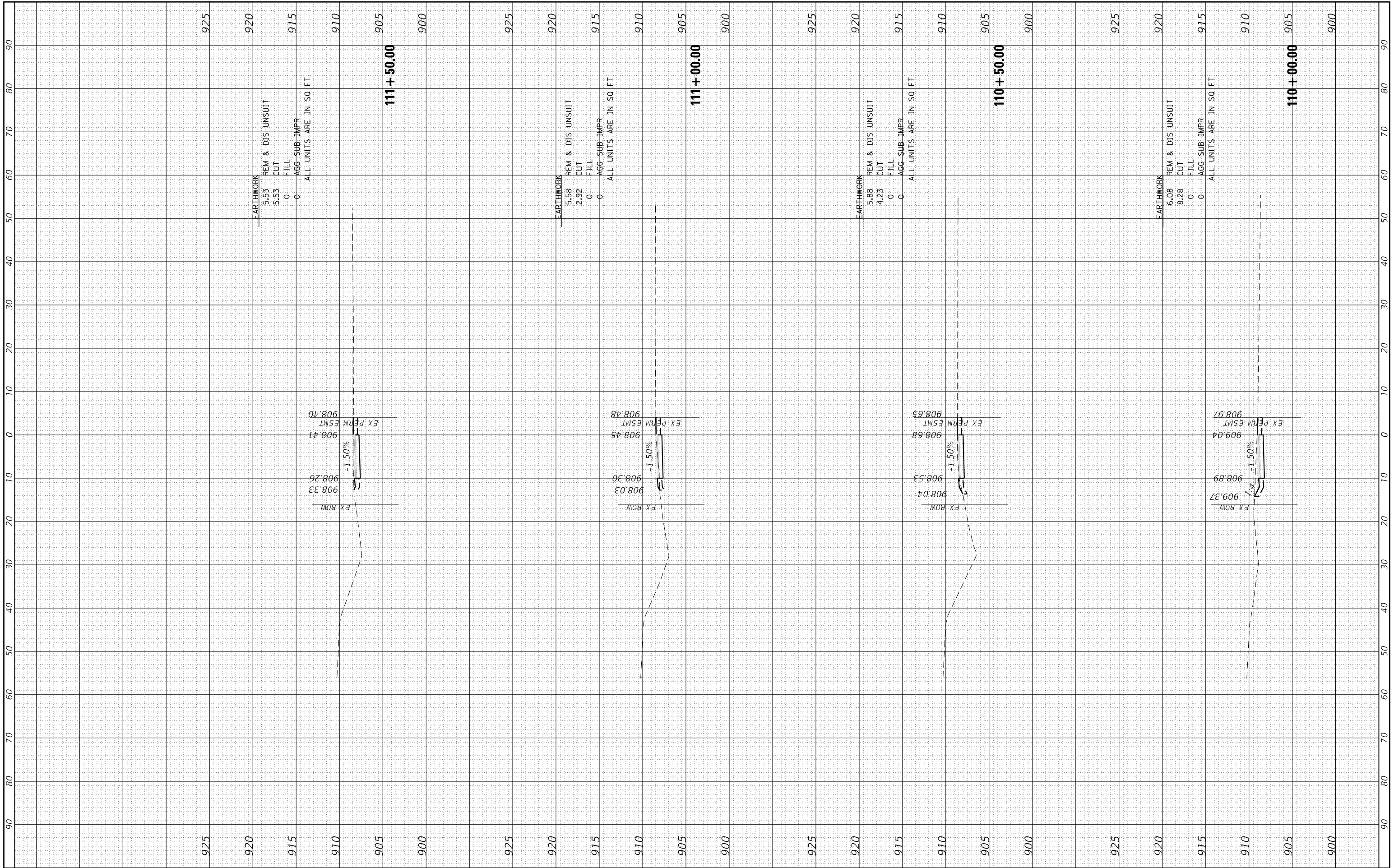
CROSS SECTIONS WINN ROAD BIKE PATH	
SCALE: 10H:5V	SHEET 5 OF 7 SHEETS
STA. 108+00.00 TO STA. 109+50.00	

F.A.U. RTE. 0157	SECTION 21-00018-01-R5	COUNTY MCHENRY	TOTAL SHEETS 26	SHEET NO. 24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H58	

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

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

HRG PROJECT No: 21077
 USER: jstrzal
 FILE NAME: 21077_110+00.00_111+50.00.dwg
 PLOT DRIVER: il_caf_bw.ctb
 PEN TABLE: plot.tbl



USER NAME	= jstrzal
DESIGNED	- JJS
DRAWN	- DMS
CHECKED	-
DATE	-

REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX
REVISIONS	- XX/XX/XXXX

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
WINN ROAD BIKE PATH**

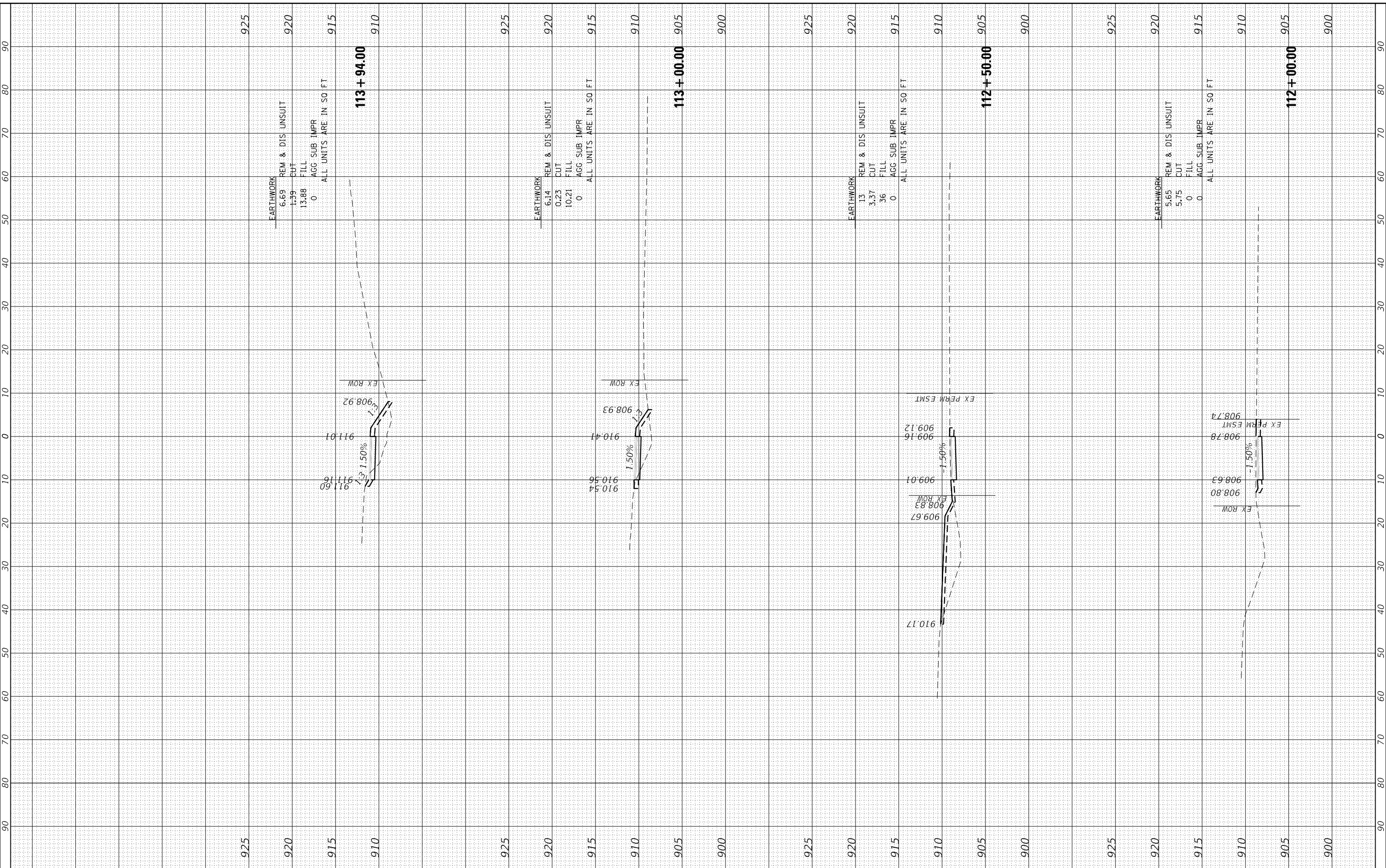
SCALE: 10H:5V SHEET 6 OF 7 SHEETS STA. 110+00.00 TO STA. 111+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-01-R5	MCHENRY	26	25
			CONTRACT NO. 61H58	
ILLINOIS		FED. AID PROJECT		

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

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

HRG PROJECT No: 21077
 USER: jstrzal
 FILE NAME: 21077-112+00.00-113+50.00.dgn
 PLOT DRIVER: il_caf_bw.ctb
 PEN TABLE: plot.tbl



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 #184-001322

USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/28/2021	DATE -	REVISED - XX/XX/XXXX

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: 10H:5V		SHEET 7 OF 7 SHEETS		STA. 112+00.00 TO STA. 113+50.00	
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CROSS SECTIONS
 WINN ROAD BIKE PATH

F.A.U. RTE. 0157	SECTION 21-00018-01-R5	COUNTY MCHENRY	TOTAL SHEETS 26	SHEET NO. 26
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61H58	