

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-RS	McHENRY	20	1
FED. ROAD DIST. NO 1		ILLINOIS	CONTRACT NO.	61J98

FOR INDEX OF SHEETS, SEE SHEET NO. 2 01-19-2024 LETTING ITEM 053  
 FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL-AID HIGHWAY

**HIGHWAY CLASSIFICATION**  
 WINN ROAD - MAJOR COLLECTOR

**TRAFFIC DATA**  
 2021 ADT  
 WINN ROAD - 3,800

**POSTED & DESIGN SPEED LIMIT**  
 WINN ROAD - 45 MPH

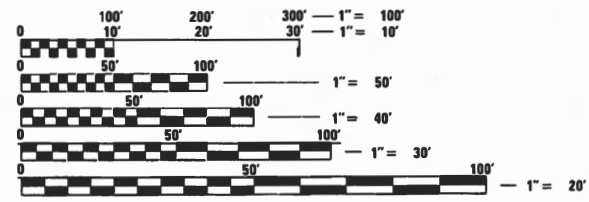
**WINN ROAD (FAU 0157)  
 FROM MAIN STREET TO ILLINOIS RTE 173  
 RESURFACING**

**SECTION: 21-00018-00-RS  
 PROJECT NO.: ZBWA(049)  
 VILLAGE OF SPRING GROVE  
 MCHENRY COUNTY  
 C-91-138-22**

**PROJECT LOCATION MAP  
 N.T.S.**

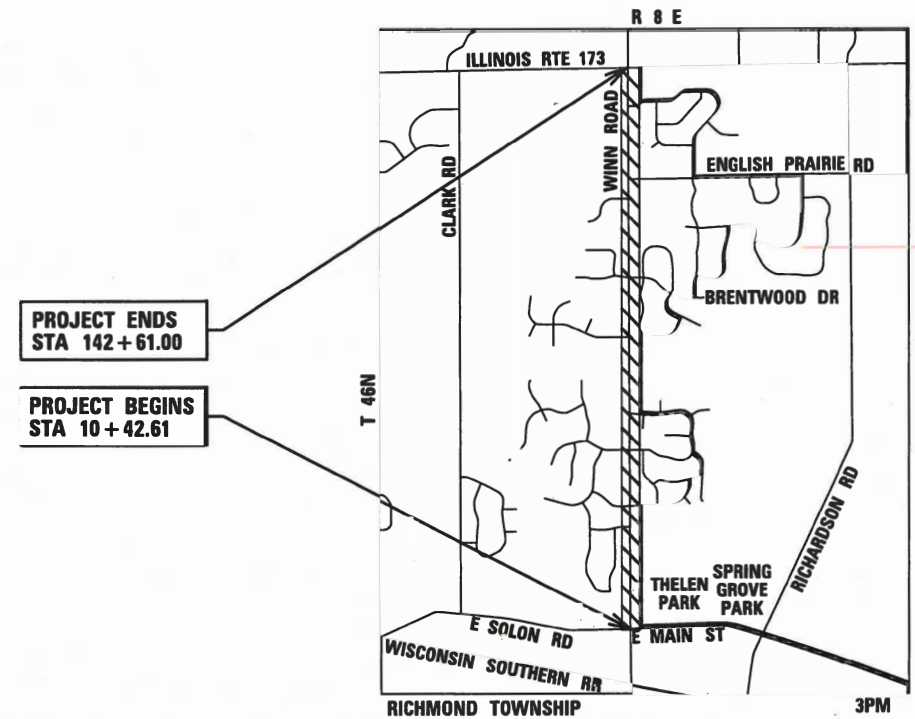


FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAMBERG, IL



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 OR 811



PROJECT ENDS  
 STA 142 + 61.00

PROJECT BEGINS  
 STA 10 + 42.61

**PROJECT LENGTH**  
 NET LENGTH OF PROJECT = 13,218 FT. = 2.50 MILES  
 GROSS LENGTH OF PROJECT = 13,218 FT. = 2.50 MILES

JEFFREY J. STRZALKA  
 062-060653  
 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS  
 [Signature]  
 EXPIRES: 11-30-23

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

APPROVED October 11, 2023  
 [Signature]  
 VILLAGE PRESIDENT, VILLAGE OF SPRING GROVE

PASSED NOV 6, 2023  
 [Signature]  
 DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID NOVEMBER 6, 2023  
 [Signature]  
 REGIONAL ENGINEER

**HRGreen**  
 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. 61J98

**INDEX OF SHEETS**

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7	TYPICAL SECTIONS
8 - 12	RESURFACING PLANS
13	CONSTRUCTION DETAILS
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**DISTRICT ONE DETAILS**

<u>STANDARD NO.</u>	<u>LIST OF DESCRIPTION</u>
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN

**STATE STANDARDS**

<u>STANDARD NO.</u>	<u>LIST OF DESCRIPTION</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESSURFACING OR WIDENING & RESURFACING PROJECTS
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604036-03	GRATE TYPE 8
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	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 ROADWAY CENTERLINE.
- 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.
- CONSTRUCTION WORK MAY BE PERFORMED MONDAY THRU FRIDAY DURING THE HOURS OF 7:00 A.M. TO 7:00 P.M. AND ON WEEKENDS FROM 8:00 A.M. TO 6:00 P.M IN ACCORDANCE WITH LOCAL ORDINANCE. NO WORK MAY BE PERFORMED PRIOR OR BEYOND THIS PERIOD WITHOUT PRIOR WRITTEN APPROVAL FROM THE VILLAGE.
- EXISTING AGGREGATE DRIVEWAYS WILL BE RESURFACED AND PAID FOR IN CONJUNCTION WITH MAINLINE PAVING. SEE CONSTRUCTION DETAILS.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING WETLANDS/BODIES OF WATER. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).

**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.

**PAVING**

- LONGITUNDINAL CONSTRUCTION JOINTS WILL NOT BE PERMITTED OVERNIGHT.
- 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.

**SIGNING AND STRIPING**

- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- 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.
- SEE IDOT DISTRICT ONE DETAILS AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- GRINDING OF PAVEMENT MARKINGS ON NEWLY CONSTRUCTED HOT-MIX ASPHALT PAVEMENT WILL NOT BE PERMITTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSTING "FRESH OIL" SIGNS (48"X48" MINIMUM) AS NEEDED FOR THE PROJECT. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY SIGNS IN THE PARKWAY TWENTY-FOUR (24) HOURS PRIOR TO STARTING WORK ON EACH STREET. THE SIGNS SHALL READ "FRESH OIL, TRAVEL AT YOUR OWN RISK." THE CONTRACTOR SHALL REMOVE THE SIGNS AND REINSTALL THEM AS NEEDED.

HRG PROJECT NO.: 21071  
 HRG PROJ. CONTACT:  
 FILE NAME: 21071-srt-gendr-resurf-facings.dgn  
 PEN TABLE: 10/10/2023



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 = 12/4/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS, DISTRICT 1 DETAILS & GENERAL NOTES**  
**WINN ROAD**

SCALE: N.T.S	SHEET 1 OF 2 SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-R5	McHENRY	20	2
			CONTRACT NO.	6198
ILLINOIS FED. AID PROJECT				

**GENERAL NOTES CONTINUED**

- 6. IN ACCORDANCE WITH THE IDOT DROP OFF POLICY AT INSTANCES IN WHICH THERE IS A GREATER THAN 1.5 INCH HEIGHT DIFFERENCE IN VERTICAL MILLED FACE, OR WHEN THERE IS A GREATER THAN 2.5 INCH LIFT DIFFERENCE, UNEVEN LANE SIGNS (W8-11) WILL BE REQUIRED.
- 7. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

**COMMITMENTS**

NONE.

HRG PROJECT NO.: 21071  
 HRG PROJ. CONTACT:  
 FILE NAME: 21071-011-gen01-resurf-facility.dgn  
 PEN TABLE: p101tbl.tbl



USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
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PLOT DATE = 10/18/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES  
WINN ROAD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-R5	McHENRY	20	3
CONTRACT NO.			61J98	
ILLINOIS		FED. AID PROJECT		

HRG PROJECT NO: 21071  
 HRG PROJ CONTACT:  
 FILE NAME: 21071-srt-500-resurfacing.dgn  
 PEN TABLE: 01010604.tbl

+ SPECIALTY ITEM

	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STU FEDERAL 80% 0005
	20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	12	12
	20800150	TRENCH BACKFILL	CU YD	12	12
+	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,265	2,265
+	25000210	SEEDING, CLASS 2A	ACRE	0.50	0.50
+	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	45	45
+	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	45	45
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	50	50
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	170	170
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	29,721	29,721
+	40600370	LONGITUDINAL JOINT SEALANT	FOOT	17,781	17,781
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	15	15
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,121	1,121
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	2,535	2,535
	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	5,065	5,065
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	60	60
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,860	1,860
	42400800	DETECTABLE WARNINGS	SQ FT	274	274
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	44,030	44,030



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 = 12/1/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
 WINN ROAD**

SCALE: N.T.S SHEET 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-R5	McHENRY	20	4
CONTRACT NO. 6198			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STU 80% FEDERAL 0005
44000600	SIDEWALK REMOVAL	SQ FT	1,690	1,690
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	445	445
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	445	445
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	445	445
48101200	AGGREGATE SHOULDERS, TYPE B	TON	1,000	1,000
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	125	125
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	48	48
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	1
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	10,638	10,638
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5,342	5,342

+ SPECIALTY ITEM

HRG PROJECT NO.: 21071  
 HRG PROJ. CONTACT:  
 FILE NAME: 21071-srt-500-resurfacing.dgn  
 PEN TABLE: 100100tbl.tbl



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PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/1/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
 WINN ROAD**

SCALE: N.T.S      SHEET 2 OF 3 SHEETS      STA.      TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-R5	McHENRY	20	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 6198	

HRG PROJECT No: 21071  
 HRG PROJ CONTACT:  
 FILE NAME: 21071-srt-500-resurfacing.dgn  
 PEN TABLE: penTable.tbl

+ SPECIALTY ITEM

	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	STU 80% FEDERAL 0005
+	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	219	219
+	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	51,702	51,702
+	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1,927	1,927
+	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,520	1,520
+	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	93	93
+	78011000	GROOVING FOR RECESSED PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	219	219
+	78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	51,702	51,702
+	78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	1,927	1,927
+	78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1,520	1,520
+	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	93	93
	X0326806	WASHOUT BASIN	L SUM	1	1
+	X2511630	EROSION CONTROL BLANKET (SPECIAL)	SQ YD	2,265	2,265
	X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	103	103
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	250	250
	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	500	500
	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2,924	2,924
	X4830030	PORTLAND CEMENT CONCRETE SHOULDERS 8" (SPECIAL)	SQ YD	25	25
+	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	55	55



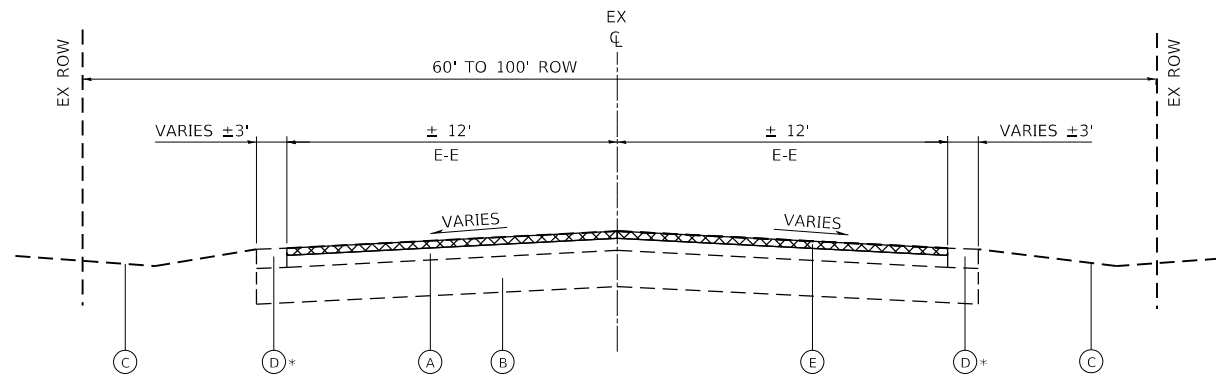
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PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/1/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
 WINN ROAD**

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

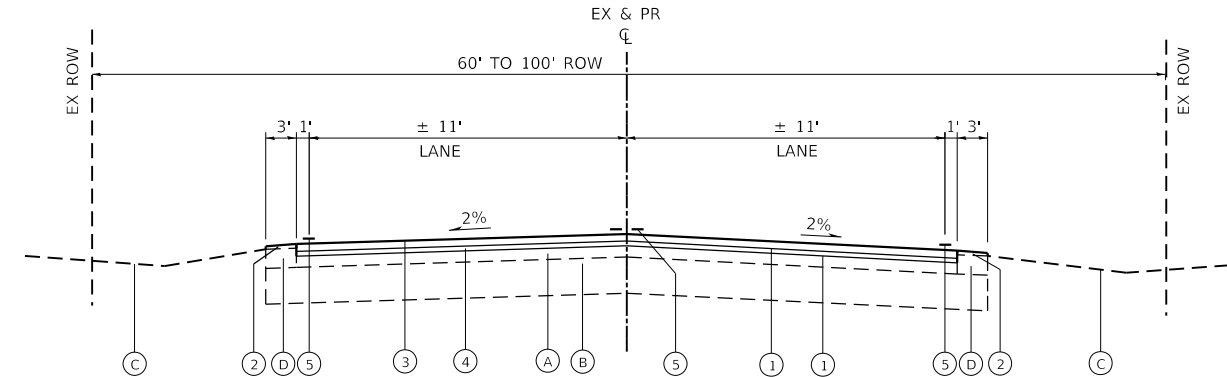
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-RS	McHENRY	20	6
CONTRACT NO.			61198	
ILLINOIS FED. AID PROJECT				



**EXISTING TYPICAL SECTION**

WINN ROAD  
STA. 10+42 TO 142+61

\*NOTE:  
EXISTING CONCRETE GUTTER OR CURB AND GUTTER  
AT THE FOLLOWING LOCATIONS:  
STA 11+72 TO 15+76 RT  
STA 33+60 TO 34+35 LT  
STA 35+22 TO 36+64 LT  
STA 89+74 TO 93+10 LT  
STA 91+93 TO 92+92 LT  
STA 93+75 TO 94+95 RT  
STA 93+96 TO 97+00 LT  
STA 104+90 TO 111+63 LT  
STA 111+92 TO 113+74 LT  
STA 139+36 TO 141+53 LT  
STA 139+36 TO 141+53 RT  
SPOT REMOVAL & REPLACEMENT  
AS DIRECTED BY THE ENGINEER.



**PROPOSED TYPICAL SECTION**

WINN ROAD  
STA. 10+42 TO 142+61

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT; 8"
- (B) EXISTING AGGREGATE BASE COURSE; 12"
- (C) EXISTING GROUND
- (D) EXISTING AGGREGATE SHOULDER
- (E) HOT-MIX ASPHALT SURFACE REMOVAL; 2"
- (F) EXISTING COMBINATION CONCRETE CURB & GUTTER (SPOT REMOVAL & REPLACEMENT)

**PROPOSED LEGEND**

- (1) BITUMINOUS MATERIALS (TACK COAT)
- (2) AGGREGATE SHOULDERS, TYPE B (9% MAX SLOPE) (CA-6 CRUSHED GRAVEL OR CRUSHED STONE)
- (3) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70; 2"
- (4) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 1"
- (5) MODIFIED URETHANE PAVEMENT MARKING, LINE 4" (SEE RESURFACING PLANS)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
<b>PAVEMENT RESURFACING</b>		
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm); 2"	4.0% @ 70 GYR.	LR 1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 1"	3.5% @ 50 GYR.	LR 1030-2
<b>HMA SHOULDERS 6"</b>		
HMA BINDER COURSE, IL-19.0, N70; 6"	4.0% @ 70 GYR.	LR 1030-2
<b>INCIDENTAL HMA SURFACING (DRIVEWAYS)</b>		
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm); 2"	4.0% @ 70 GYR.	LR 1030-2
<b>PAVEMENT PATCHING</b>		
CLASS D PATCHES, (HMA BINDER, IL-19mm); 6"	4.0% @ 70 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.

PATCHING LOCATIONS TO BE DETERMINED BY THE ENGINEER AFTER MILLING OPERATIONS.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLY HMA BC IL-4.75 N50 AT PLANNED SURFACE COURSE CONSTRUCTION JOINTS.

HRG PROJECT NO: 21071  
 HRG PROJ CONTACT:  
 FILE NAME: 21071-srt-typical-resurfacing.dgn  
 PEN TABLE: penTable.tbl



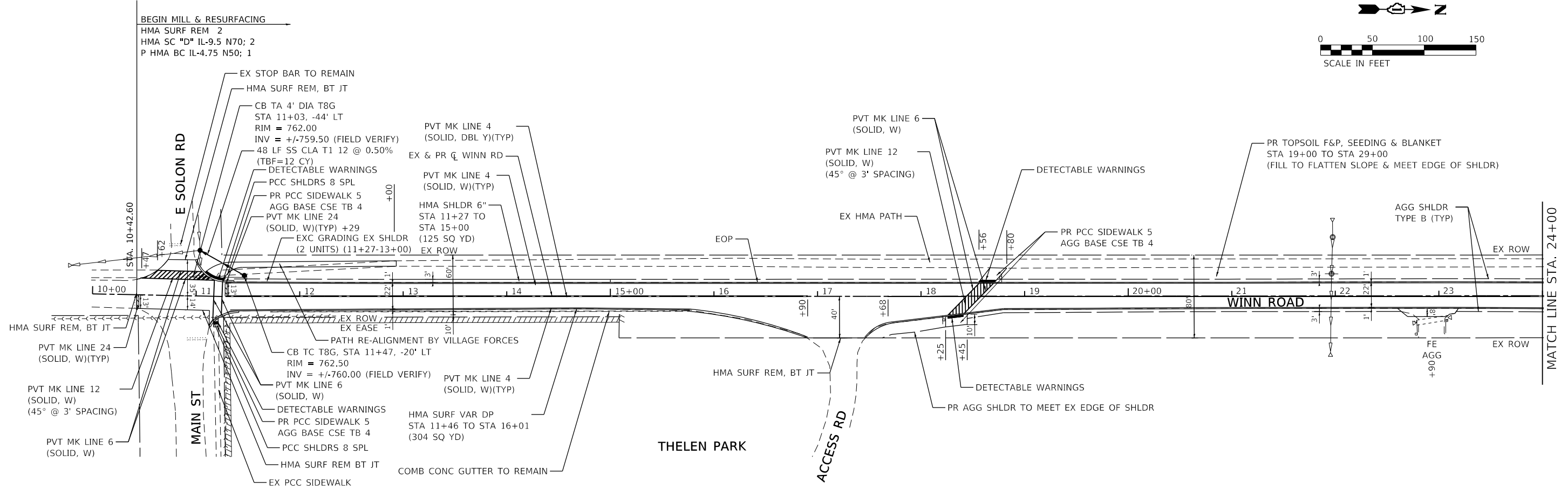
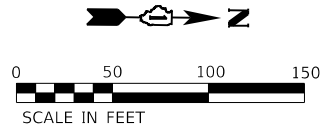
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PLOT DATE = 12/1/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

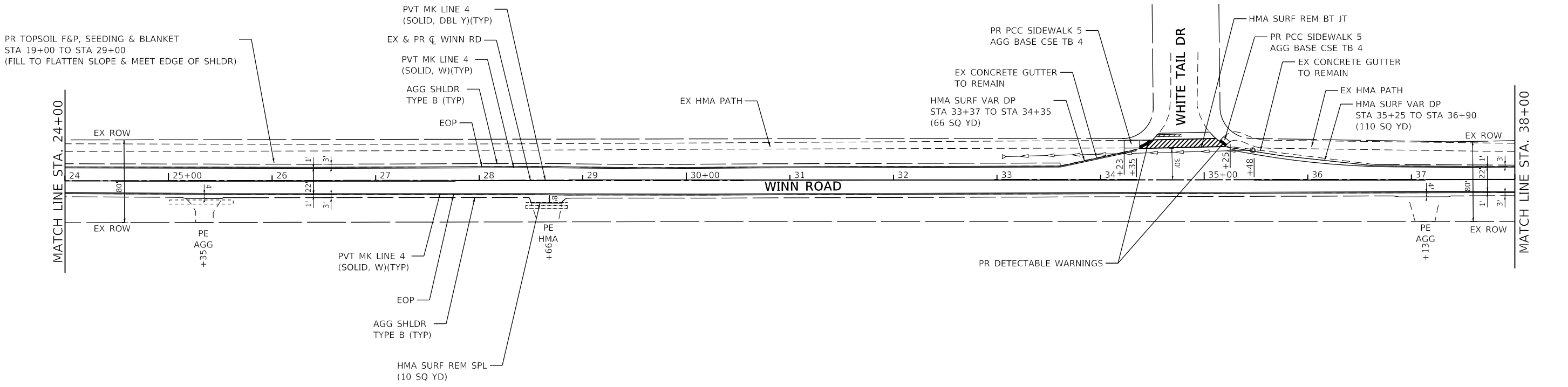
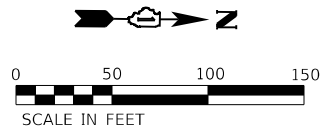
**EXISTING & PROPOSED TYPICAL SECTIONS  
WINN ROAD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-R5	MCHENRY	20	7
			CONTRACT NO. 61J98	
			ILLINOIS FED. AID PROJECT	



**NOTES:**  
 ALL PAVEMENT MARKINGS TO BE MODIFIED URETHANE AND GROOVED.  
 MATCH EXISTING RADII AT ALL STREET AND DRIVEWAY INTERSECTIONS.  
 CROSSWALKS TO BE STRIPED IN ACCORDANCE WITH TC-13.  
 CONTRACTOR TO ALIGN CENTERLINE STRIPING WITH SOUTH LEG OF WINN RD.



HRG PROJECT NO. 21071  
 HRG PROJ. CONTACT:  
 FILE NAME: 21071-srt-pk-01.dgn  
 PEN TABLE: 1/10/2023



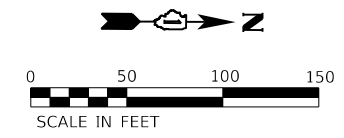
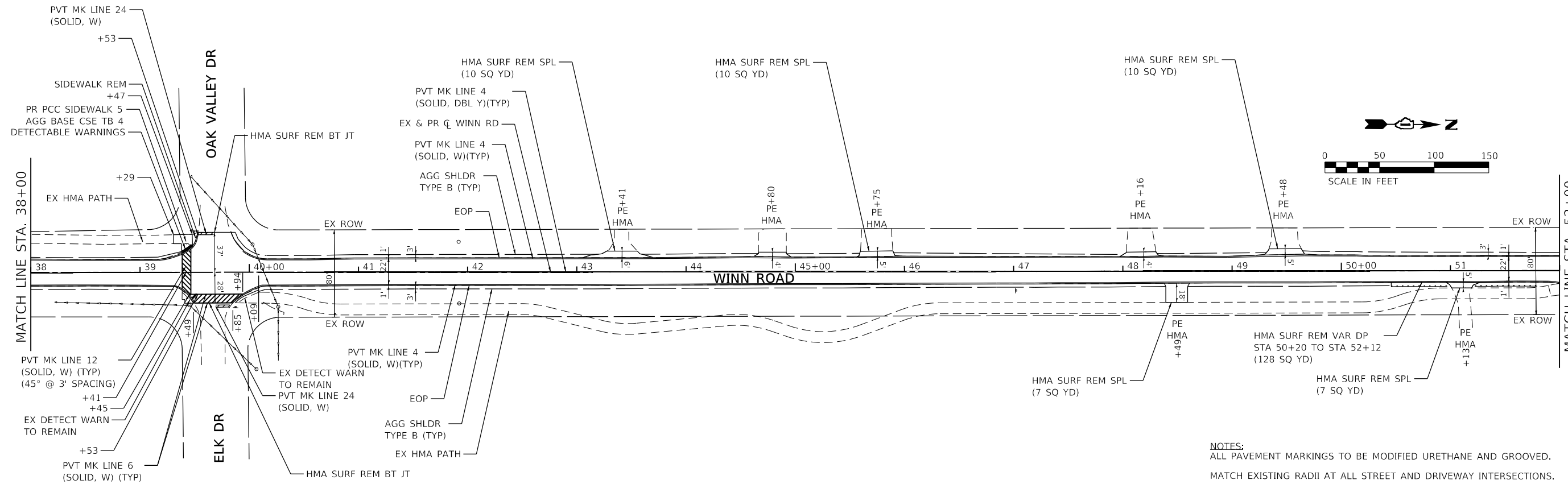
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PLOT DATE = 12/1/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

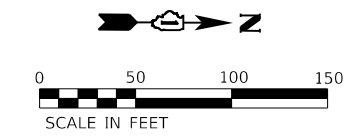
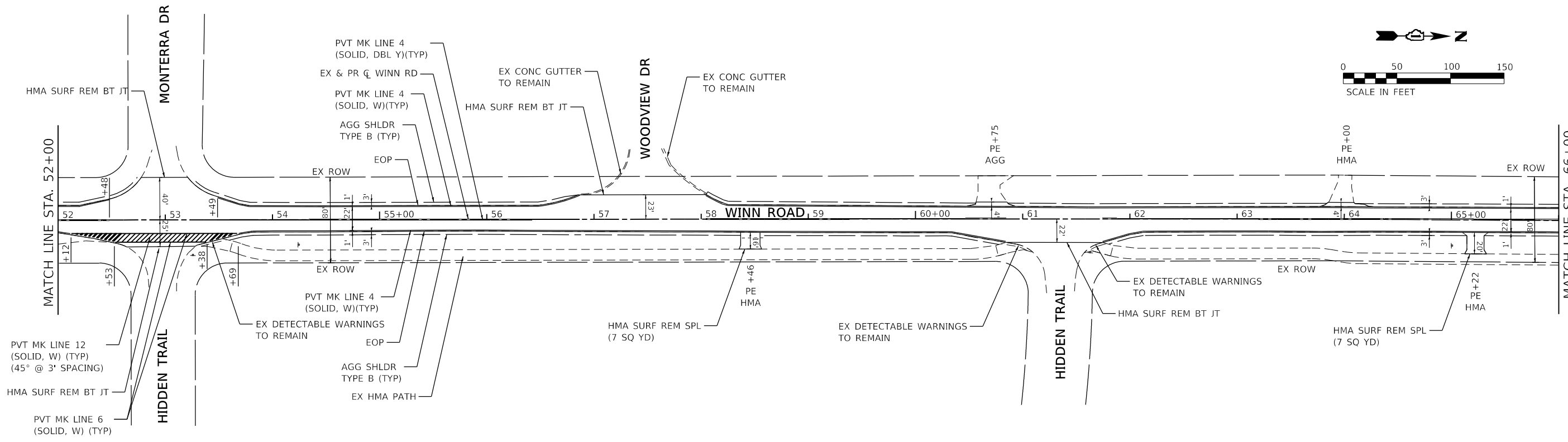
<b>RESURFACING PLAN WINN ROAD</b>	
SCALE: 1"=50'	SHEET 1 OF 5 SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-RS	MCHENRY	20	8
CONTRACT NO. 6198			ILLINOIS FED. AID PROJECT	





NOTES:  
 ALL PAVEMENT MARKINGS TO BE MODIFIED URETHANE AND GROOVED.  
 MATCH EXISTING RADII AT ALL STREET AND DRIVEWAY INTERSECTIONS.  
 CROSSWALKS TO BE STRIPED IN ACCORDANCE WITH TC-13.



HRG PROJECT NO. 21071  
 HRG PROJ. CONTACT:  
 FILE NAME: 21071-sr1-p1-02.dgn  
 PEN TABLE: p101tbl.tbl



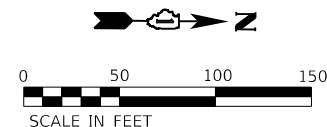
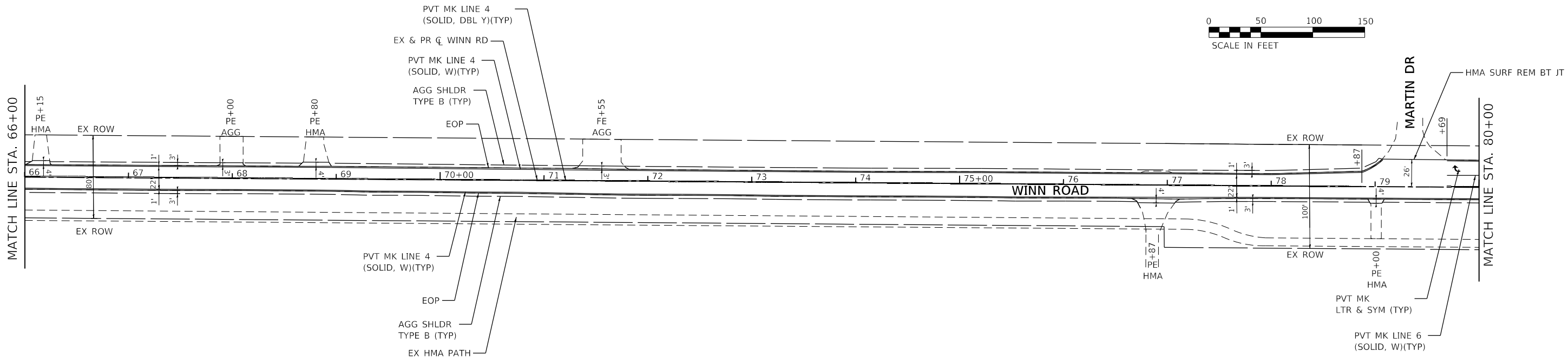
USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
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PLOT DATE = 12/1/2023	CHECKED -	REVISED - XX/XX/XXXX
	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

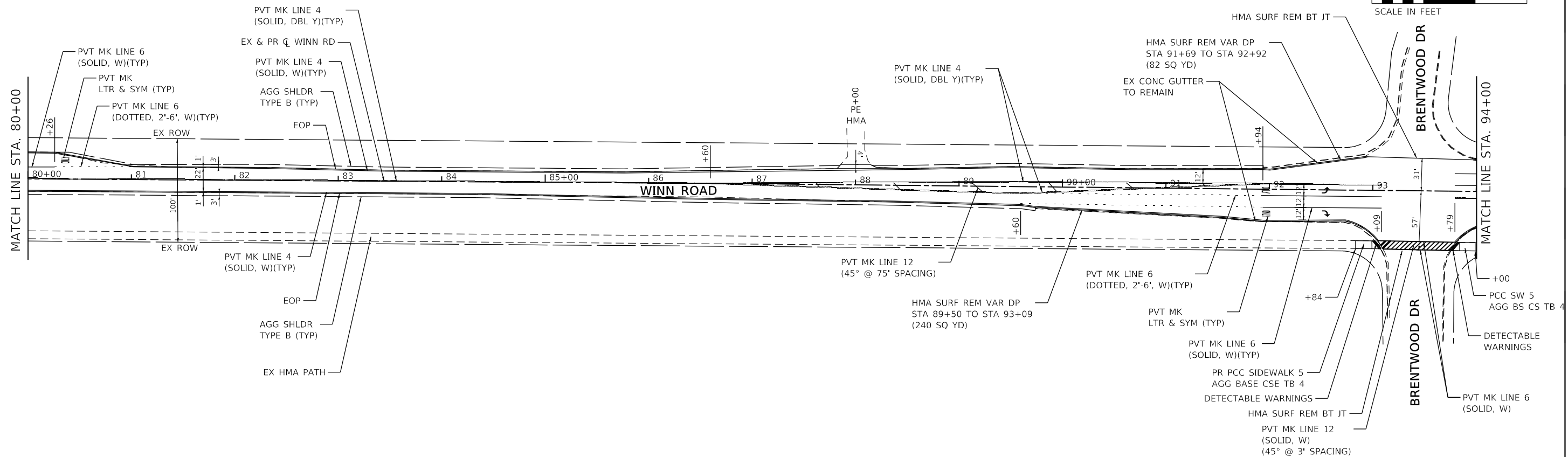
**RESURFACING PLAN  
 WINN ROAD**

SCALE: 1"=50'    SHEET 2 OF 5 SHEETS    STA.    TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-RS	MCHENRY	20	9
			CONTRACT NO. 6198	
ILLINOIS FED. AID PROJECT				



**NOTES:**  
 ALL PAVEMENT MARKINGS TO BE MODIFIED URETHANE AND GROOVED.  
 MATCH EXISTING RADII AT ALL STREET AND DRIVEWAY INTERSECTIONS.  
 CROSSWALKS TO BE STRIPED IN ACCORDANCE WITH TC-13.



HRG PROJECT NO: 21071  
 HRG PROJ CONTACT:  
 FILE NAME: 21071-011-03.dgn  
 PEN TABLE: penTable.tbl



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	DRAWN - DMS	REVISED - XX/XX/XXXX
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PLOT DATE = 12/1/2023	DATE -	REVISED - XX/XX/XXXX

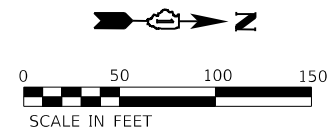
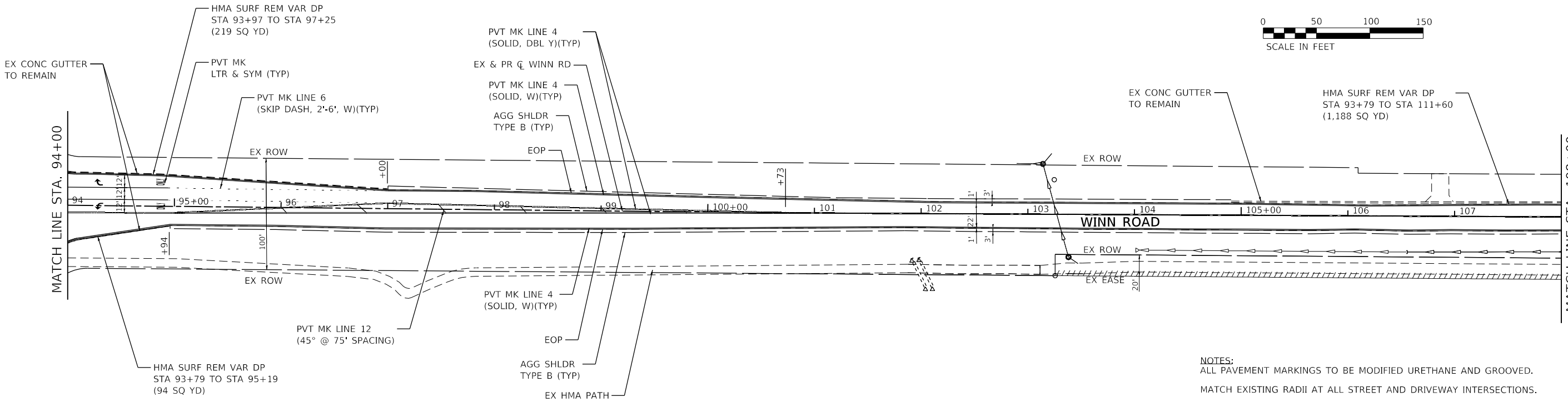
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**RESURFACING PLAN  
 WINN ROAD**

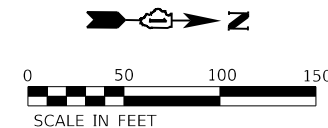
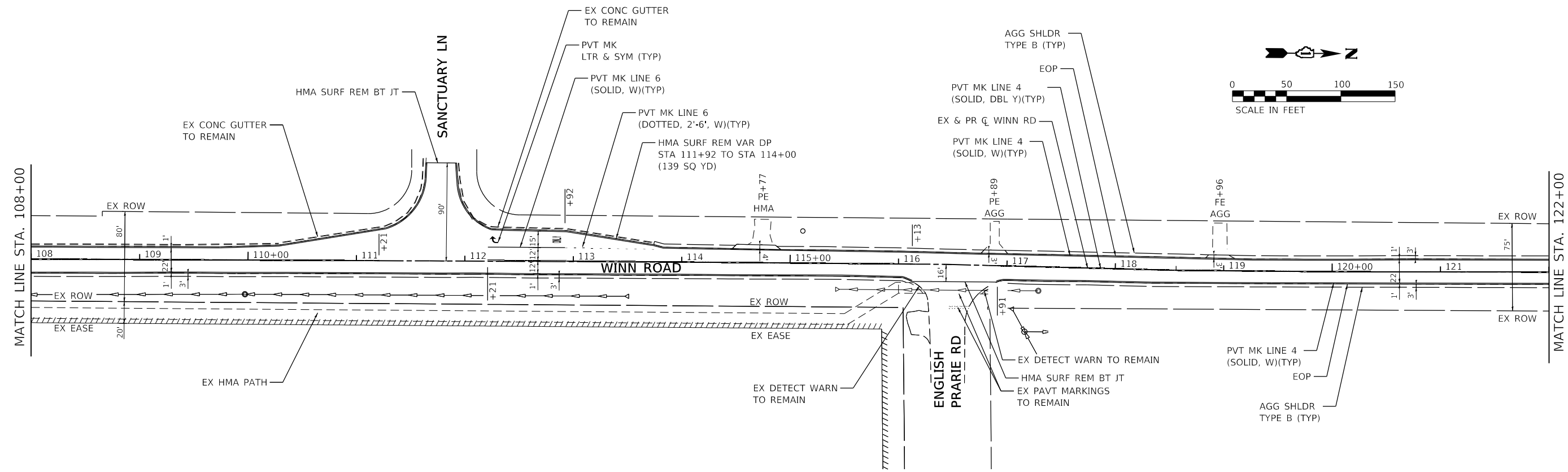
SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-RS	MCHENRY	20	10
CONTRACT NO. 6198				

ILLINOIS FED. AID PROJECT



NOTES:  
 ALL PAVEMENT MARKINGS TO BE MODIFIED URETHANE AND GROOVED.  
 MATCH EXISTING RADII AT ALL STREET AND DRIVEWAY INTERSECTIONS.  
 CROSSWALKS TO BE STRIPED IN ACCORDANCE WITH TC-13.



HRG PROJECT NO: 21071  
 HRG PROJ CONTACT:  
 FILE NAME: 21071-srt-p1-04.dgn  
 PEN TABLE: p104tbl.tbl

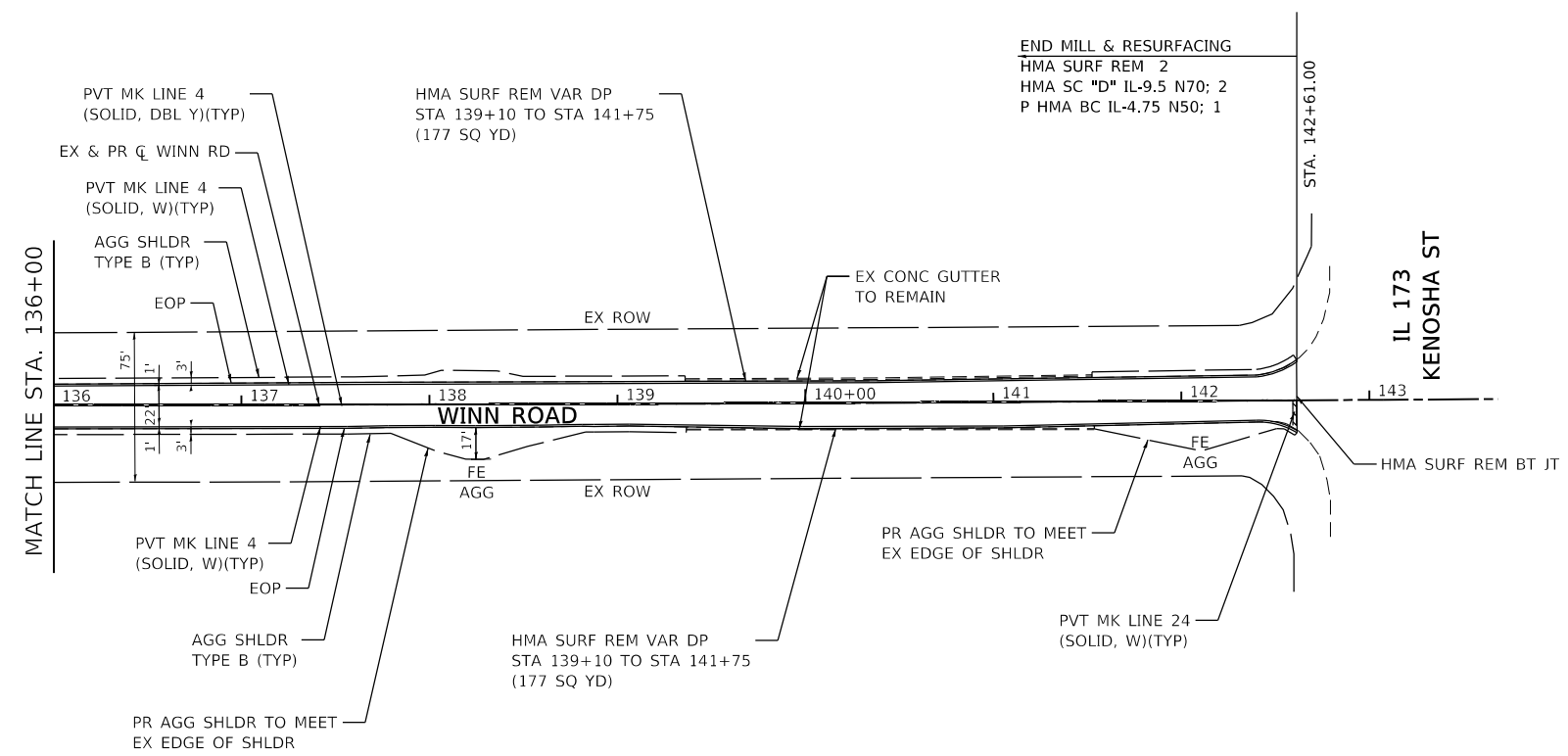
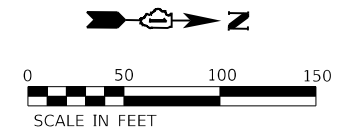
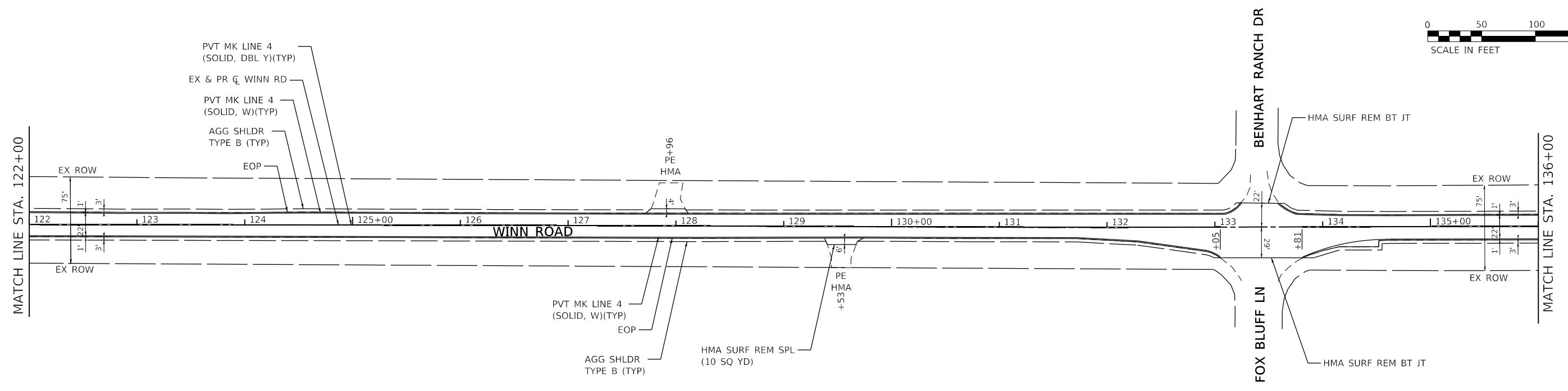
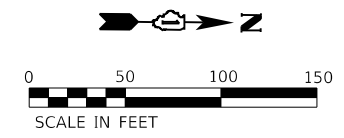


USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - XX/XX/XXXX
PLOT DATE = 12/1/2023	DATE -	REVISED - XX/XX/XXXX

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>RESURFACING PLAN WINN ROAD</b>	
SCALE: 1"=50'	SHEET 4 OF 5 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-R5	MCHENRY	20	11
			CONTRACT NO. 6198	
ILLINOIS FED. AID PROJECT				



HRG PROJECT NO: 21071  
 HRG PROJ CONTACT:  
 FILE NAME: 21071-srt-p1r-05.dgn  
 PEN TABLE: p1r05tbl.tbl

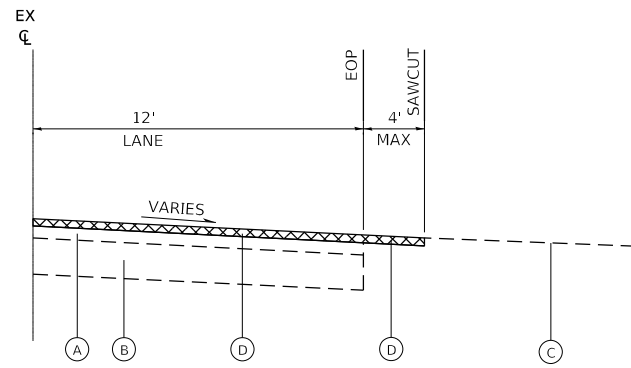


USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
	DRAWN - DMS	REVISED - XX/XX/XXXX
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PLOT DATE = 12/1/2023	DATE -	REVISED - XX/XX/XXXX

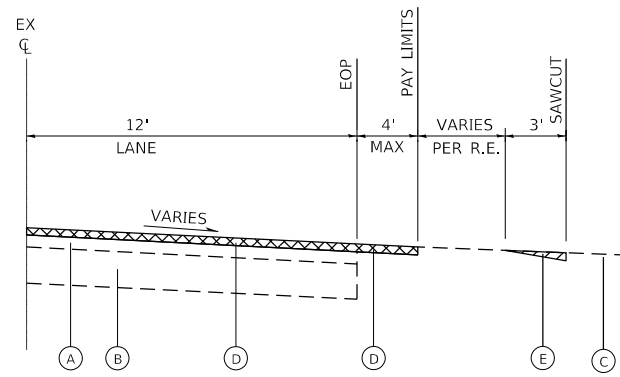
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>RESURFACING PLAN</b>	
<b>WINN ROAD</b>	
SCALE: 1"=50'	SHEET 5 OF 5 SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-R5	MCHENRY	20	12
			CONTRACT NO. 6198	
ILLINOIS FED. AID PROJECT				



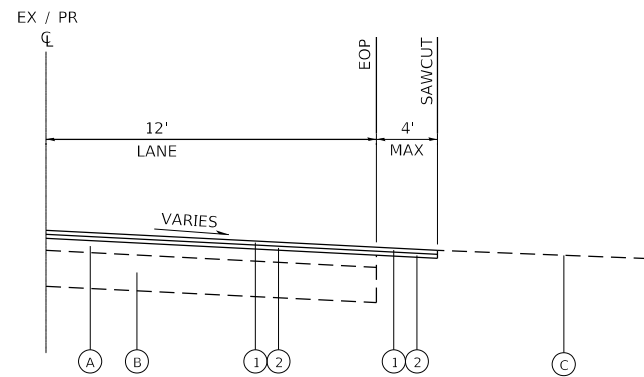
EXISTING / REMOVAL DETAIL



EXISTING / REMOVAL DETAIL

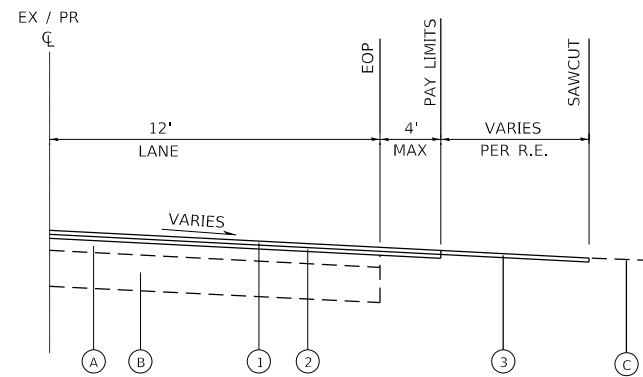
**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT; 6"
- (B) EXISTING AGGREGATE BASE COURSE; 12"
- (C) EXISTING DRIVEWAY PAVEMENT
- (D) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (SEE RESURFACING PLANS)
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (PER SQ YD)



PROPOSED / RESURFACING DETAIL

**CASE I**



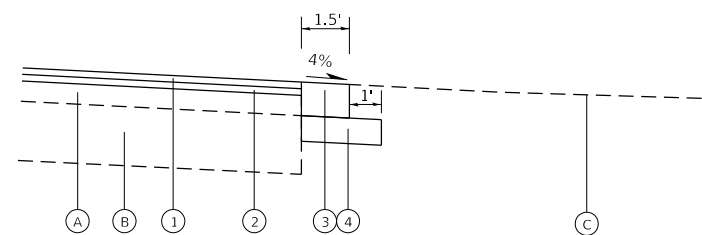
PROPOSED / RESURFACING DETAIL

**CASE II**

**PROPOSED LEGEND**

- (1) PROPOSED RESURFACING; HMA SURFACE COURSE (SEE HMA MIX TABLE)
- (2) PROPOSED RESURFACING; POLY HMA BINDER COURSE (SEE HMA MIX TABLE)
- (3) INCIDENTAL HOT-MIX ASPHALT SURFACING (PER TON)

**DRIVEWAY RESURFACING DETAILS**



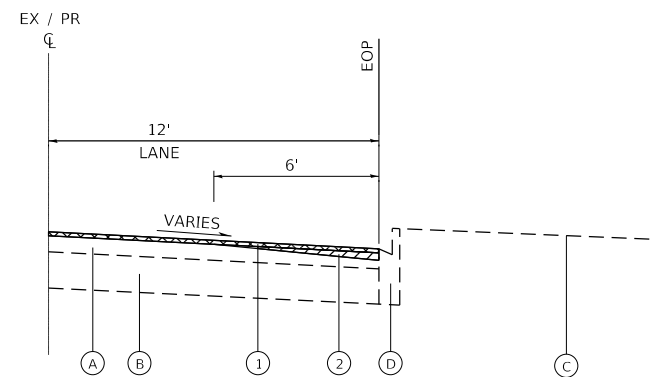
**PCC SHOULDERS 8" SPECIAL**

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT; 6"
- (B) EXISTING AGGREGATE BASE COURSE; 12"
- (C) EXISTING GROUND

**PROPOSED LEGEND**

- (1) PROPOSED RESURFACING; HMA SURFACE COURSE
- (2) PROPOSED RESURFACING; POLY HMA LEVELING
- (3) PCC SHOULDER 8" SPECIAL (PER SQ YD)
- (4) AGGREGATE BASE COURSE, TYPE B, 12" (CA-6 CRUSHED STONE OR CRUSHED GRAVEL) (PAID FOR AS PCC SHOULDER 8" SPECIAL)



**HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH**

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT; 6"
- (B) EXISTING AGGREGATE BASE COURSE; 12"
- (C) EXISTING GROUND
- (D) EXISTING CONCRETE CURB AND/OR GUTTER

**PROPOSED LEGEND**

- (1) HMA SURFACE REMOVAL, 2" (PER SQ YD)
- (2) HMA SURFACE REMOVAL, VARIABLE DEPTH (PER SQ YD)

HRG PROJECT NO: 21071  
 HRG PROJ CONTACT:  
 FILE NAME: 21071-srt-dep-01.dgn  
 PEN TABLE: 1/10/2023



USER NAME = jstrzal	DESIGNED - JJS	REVISED - XX/XX/XXXX
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PLOT DATE = 12/1/2023	DATE -	REVISED - XX/XX/XXXX

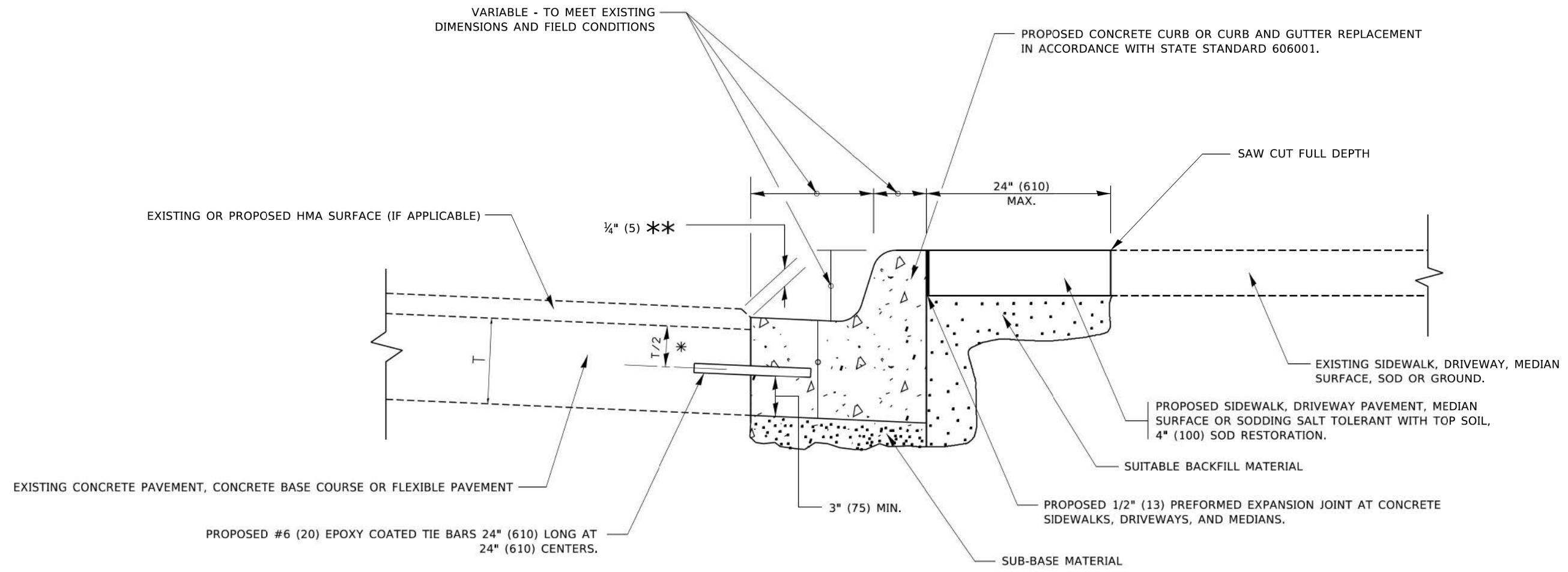
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONSTRUCTION DETAILS  
WINN ROAD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-R5	MCHENRY	20	13
CONTRACT NO. 6198			ILLINOIS FED. AID PROJECT	





- \* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

MODEL: Default; FILE: \\mchery-prod\pww\DOT\Documents\DOT\_Offices\IDistrict\_1\Projects\IDistrict\_1\CA\DD\CA\03\sheet1502.dgn

USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

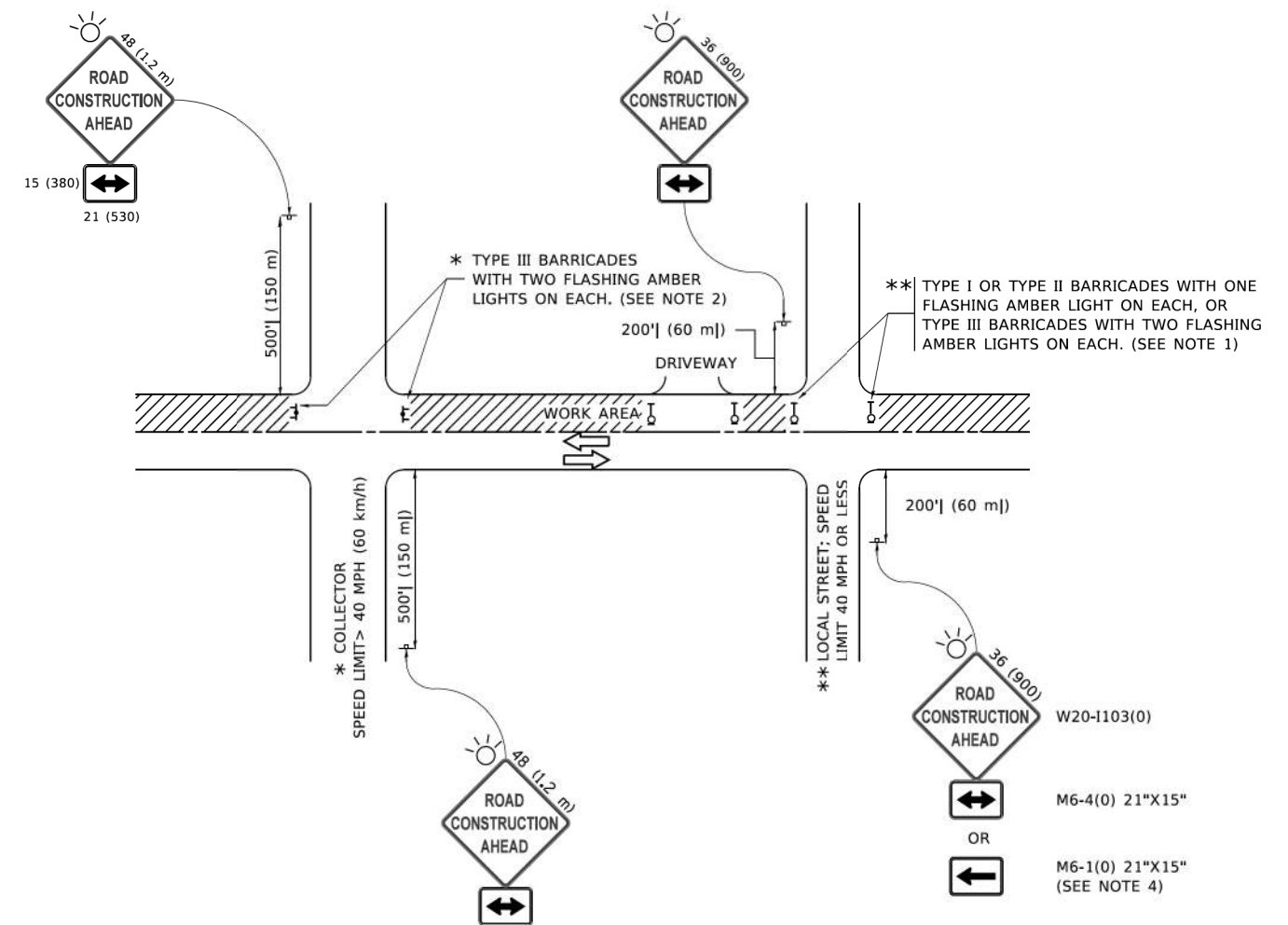
**CURB OR CURB AND GUTTER  
REMOVAL AND REPLACEMENT**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-R5	MCHENRY	20	15
<b>BD600-06 (BD-24)</b>			<b>CONTRACT NO. 61J98</b>	
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.

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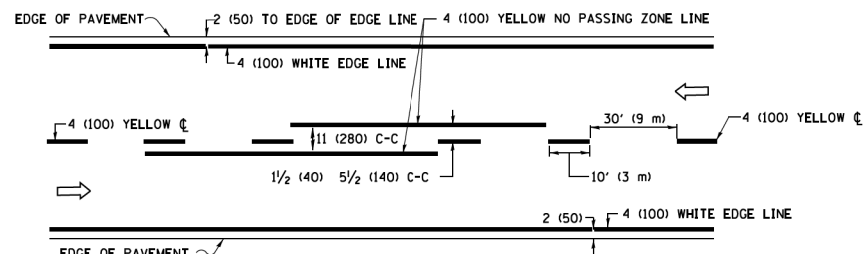
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	DRAWN - DMS	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

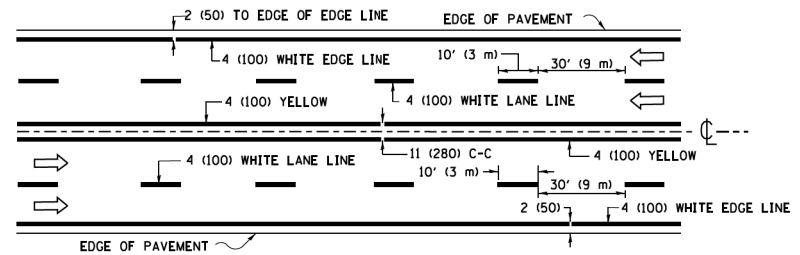
**TRAFFIC CONTROL AND PROTECTION FOR  
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE. SHEET 14 OF 17 SHEETS STA. TO STA.

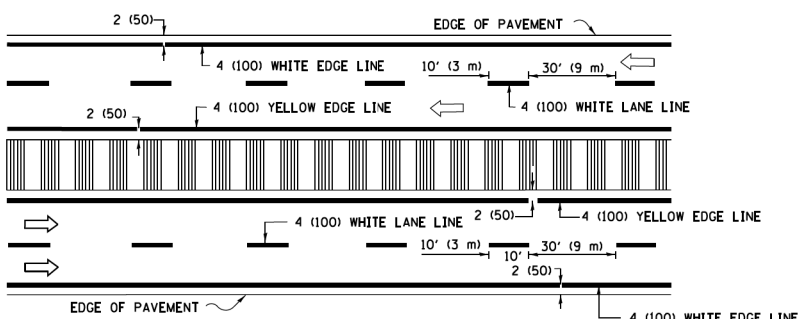
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-RS	MCHENRY	20	17
<b>TC-10</b>			CONTRACT NO. 61J98	
ILLINOIS   FED. AID PROJECT				



**2-LANE ROADWAY**

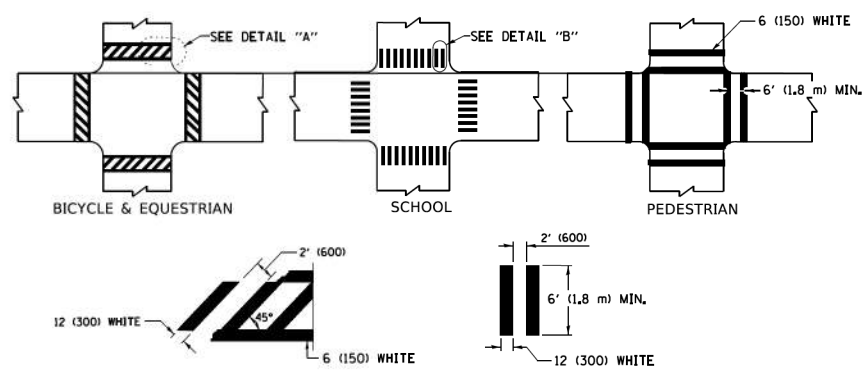


**MULTI-LANE UNDIVIDED**



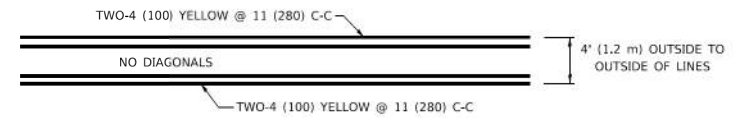
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

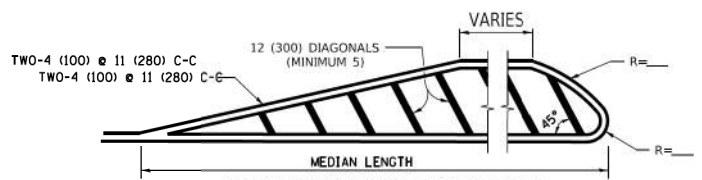


**TYPICAL CROSSWALK MARKING**

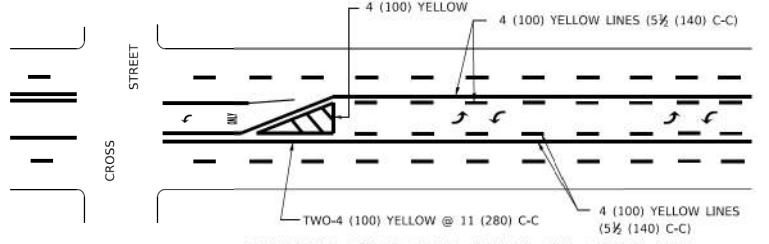
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



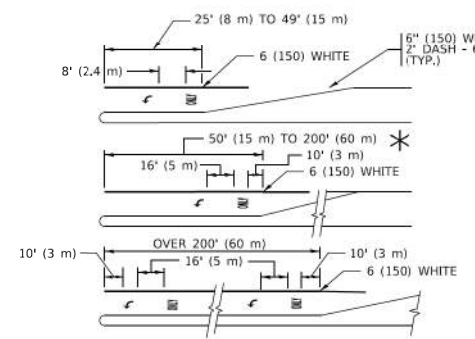
**4' (1.2 m) WIDE MEDIANS ONLY**



**MEDIANS OVER 4' (1.2 m) WIDE**



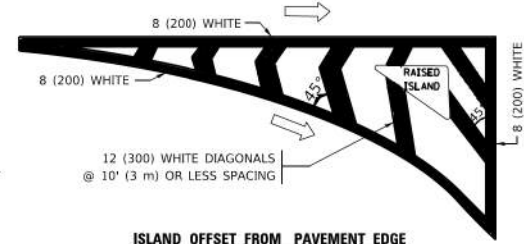
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



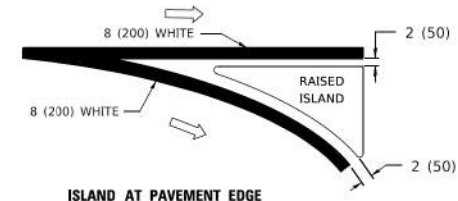
**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

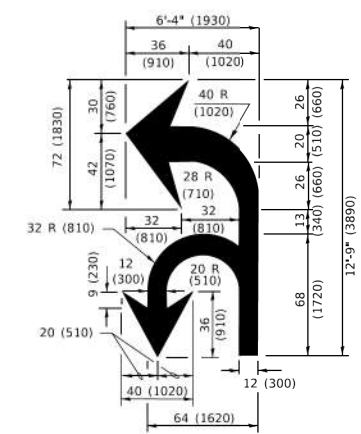
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
 \* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



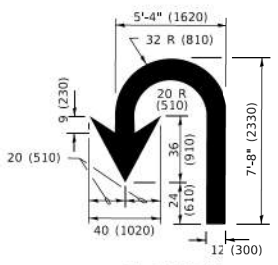
**ISLAND OFFSET FROM PAVEMENT EDGE**



**ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / 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 @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (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: "RR" 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 <sup>2</sup> ) EACH *X*=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

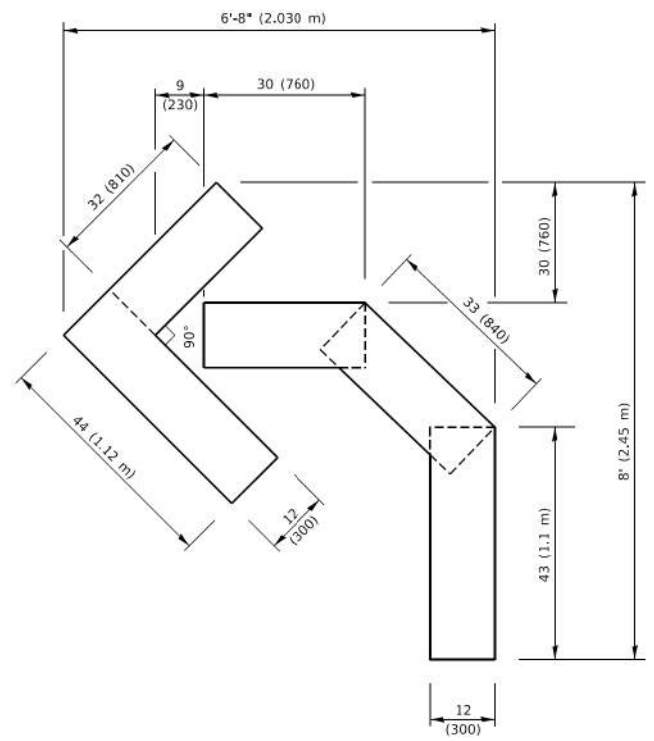
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USER NAME	DESIGNED	REVISED
= footemj	- BØERS	- C. JUCIUS 09-09-09
	- DMS	- C. JUCIUS 07-01-13
PLOT SCALE = 50,0000' / 1"	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

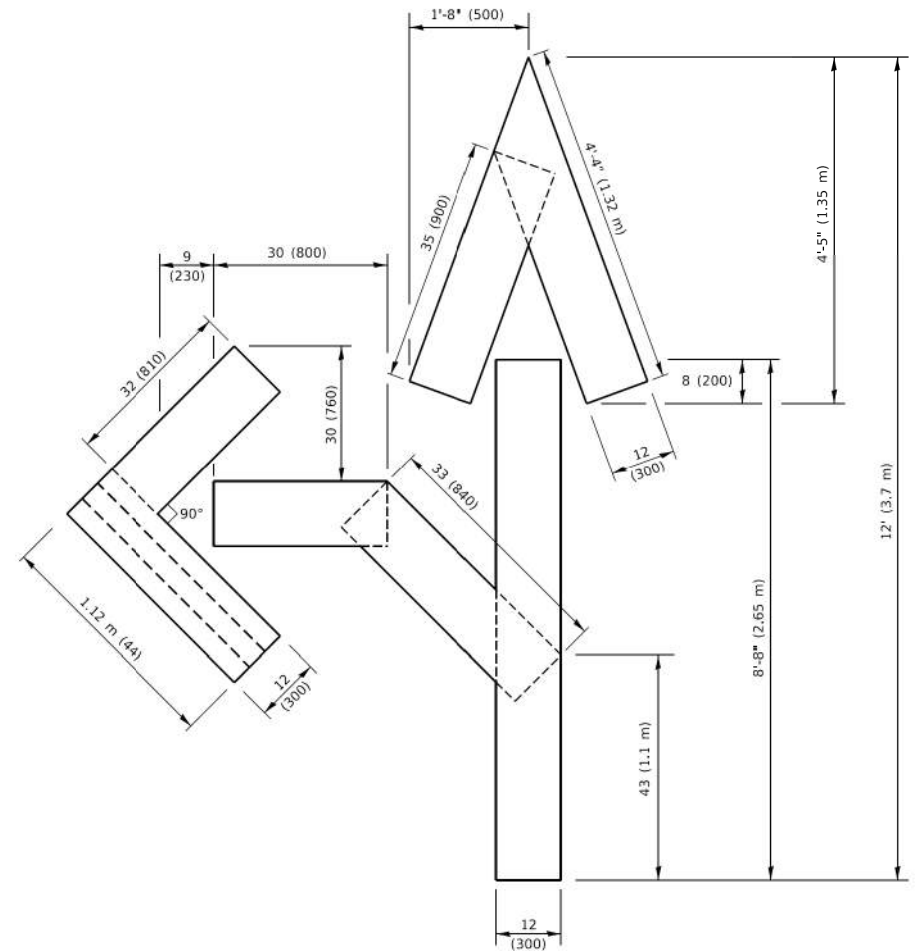
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE	
<b>TYPICAL PAVEMENT MARKINGS</b>	
SCALE: NON-S.	SHEET 15 OF 27 SHEETS STA. TO STA.

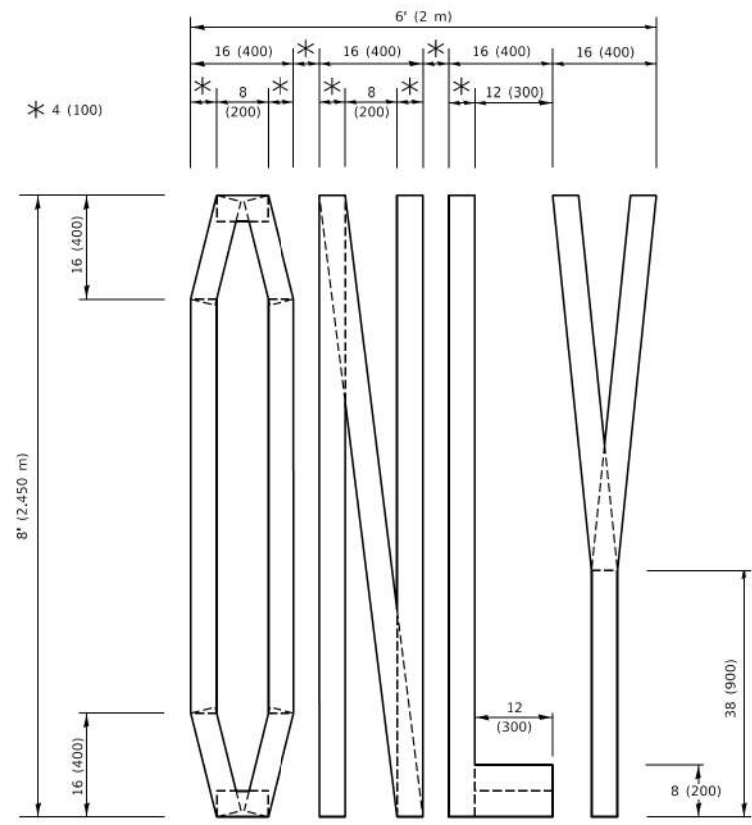
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-RS	MCHENRY	20	18
<b>TC-13</b>			CONTRACT NO. 61J98	
ILLINOIS / FED. AID PROJECT				



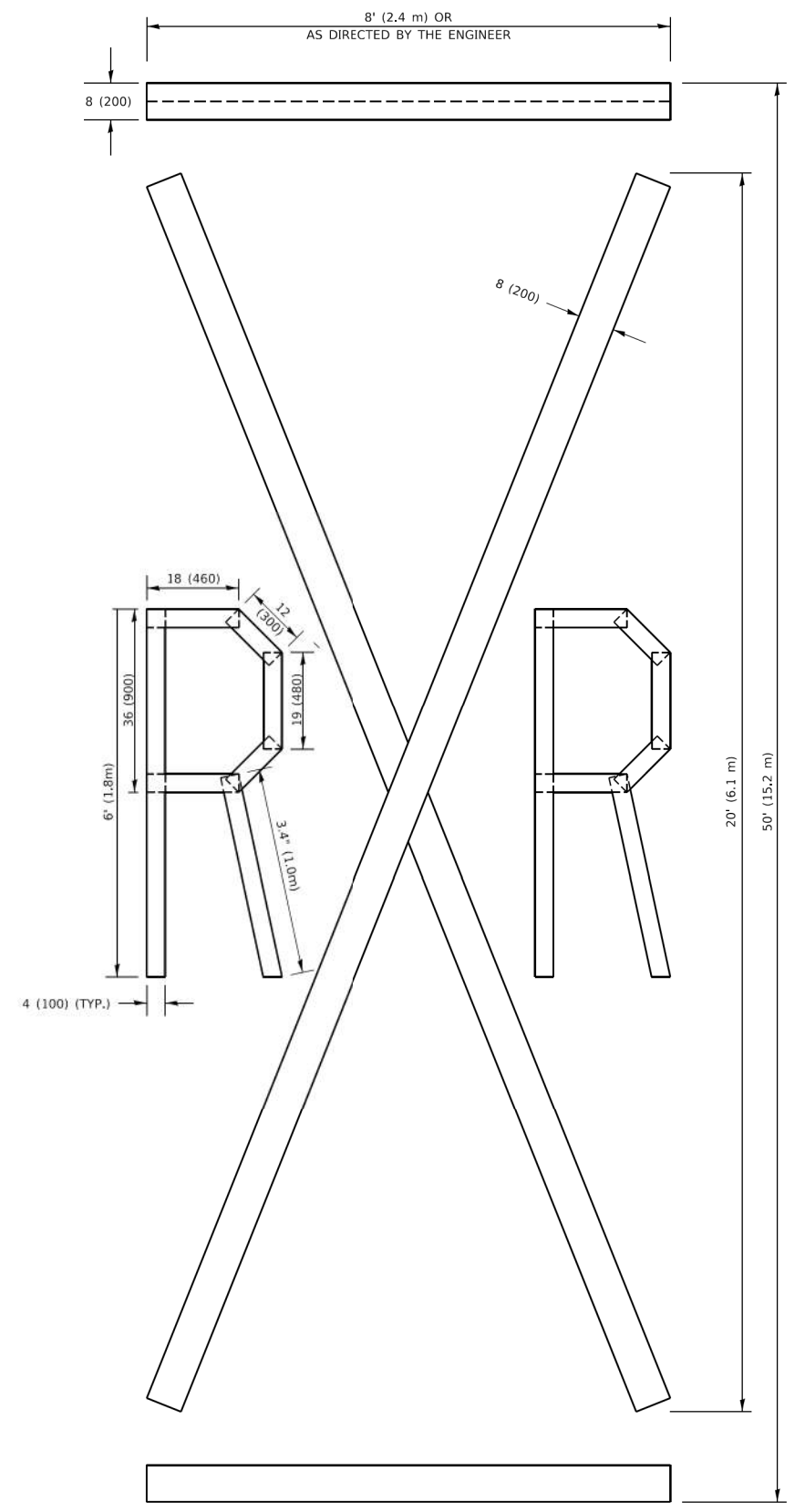
**QUANTITY**  
 4 (100) LINE = 45.5 ft. (13.9 m)  
 15.2 sq. ft. (1.41 sq. m)



**QUANTITY**  
 4 (100) LINE = 82.5 ft. (25.1 m)  
 27.5 sq. ft. (2.53 sq. m)



**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



**QUANTITY**  
 4 (100) LINE = 225.9 ft. (68.9 m)  
 75.3 sq. ft. (6.99 sq. m)

**NOTE:**  
 ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.

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

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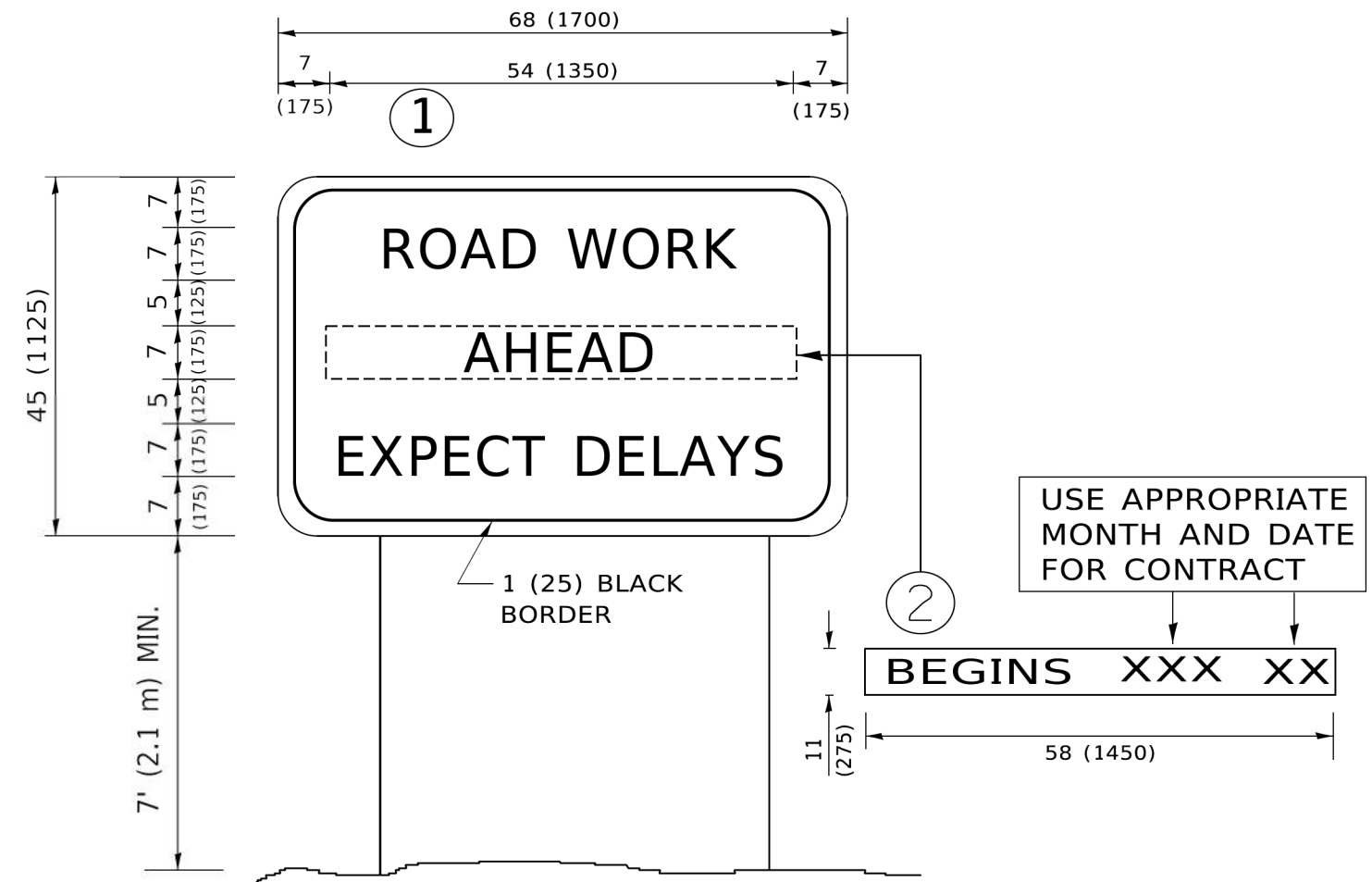
USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068" / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-RS	MCHENRY	20	19
<b>TC-16</b>		CONTRACT NO. <b>61J98</b>		
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.

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USER NAME = footemj	DESIGNED - JJS	REVISED - R. MIRS 09-15-97
	DRAWN - DMS	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50,0000 ' / ft.	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 17 OF 17 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0157	21-00018-00-RS	MCHENRY	20	20
<b>TC-22</b>		CONTRACT NO.	61198	
ILLINOIS FED. AID PROJECT				