

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-RS	McHENRY	20	1
		ILLINOIS CONTRACT NO.	61M19	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

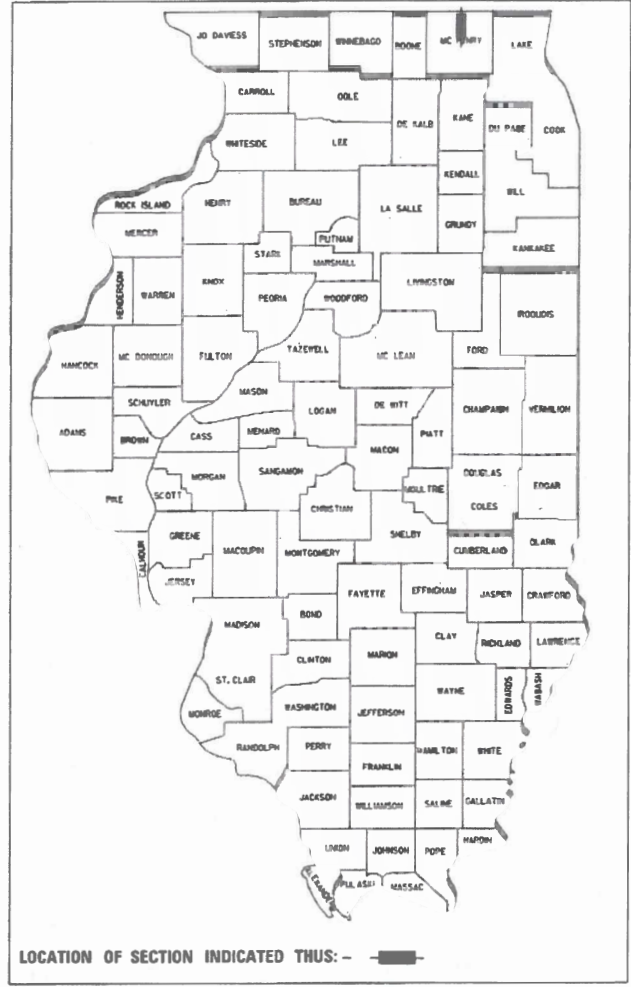
PROJECT LOCATED IN THE VILLAGE OF BULL VALLEY AND GREENWOOD TOWNSHIP

02-27-2026 LETTING ITEM 075

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

FAU 3881 (QUEEN ANNE ROAD)
FROM BULL VALLEY ROAD TO IL ROUTE 120 (GREENWOOD ROAD)
RESURFACING



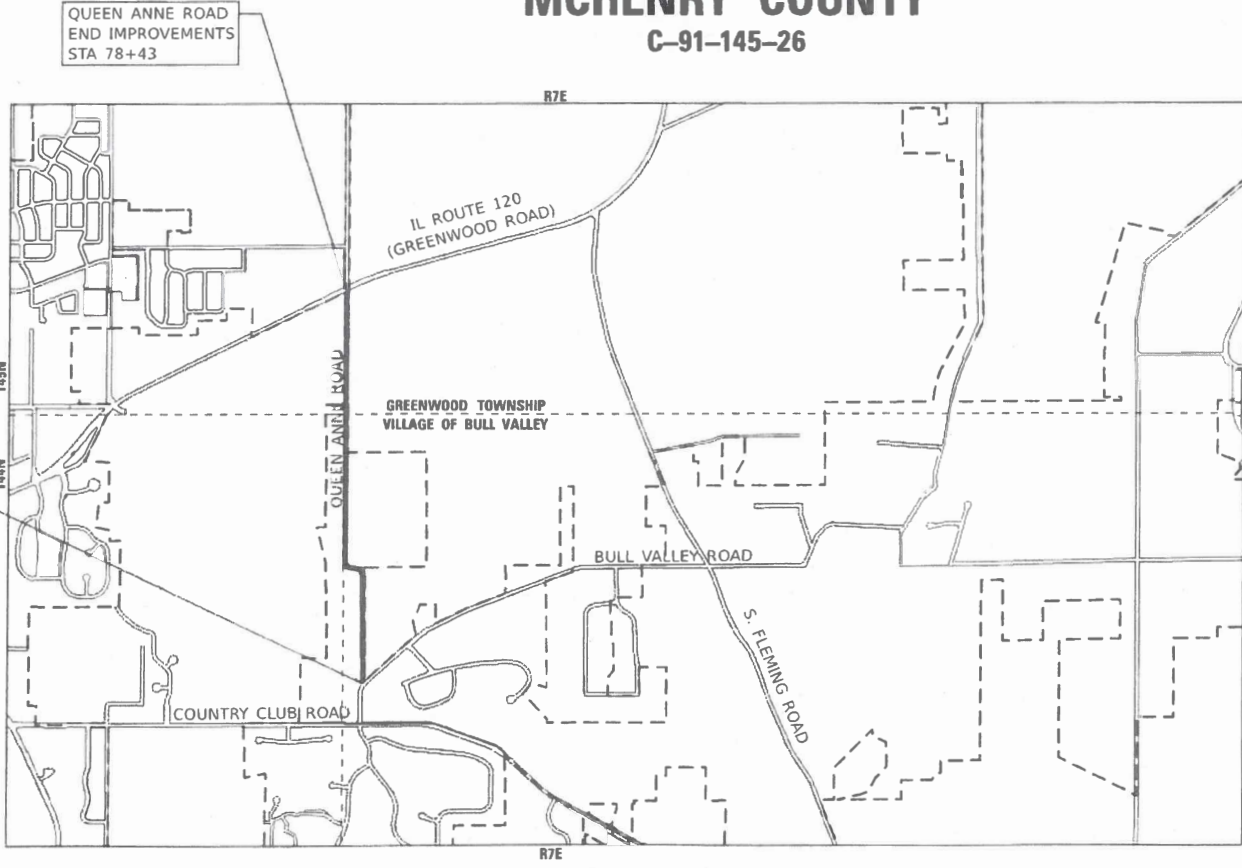
SECTION: 22-00009-00-RS
PROJECT: D2XE(316)
VILLAGE OF BULL VALLEY
MCHENRY COUNTY
C-91-145-26

TRAFFIC DATA

QUEEN ANNE ROAD
POSTED SPEED LIMIT: 50 MPH
DESIGN SPEED: 55 MPH
2021 ADT = 1,600

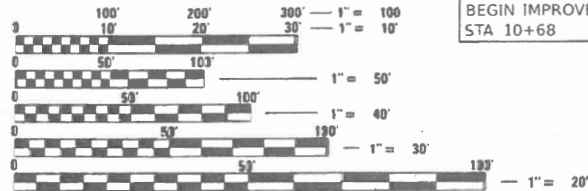
FUNCTIONAL CLASSIFICATION

MINOR COLLECTOR



LOCATION MAP

GROSS LENGTH = 6,775 FT. = 1.283 MILE
NET LENGTH = 6,775 FT. = 1.283 MILE



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. DESIGN STAGE REQUEST
DIG. No. A251480803, A251480813, A251480823



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:
COUNTY = McHENRY
CITY-TOWNSHIP = BULL VALLEY - DORR/GREENWOOD
SEC. & 1/4 SEC. NO. = S3,S4 T44N R7E / S33,S34 T45N R7E
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 61M19



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *Emily Berends*
President
VILLAGE OF BULL VALLEY REPRESENTATIVE

APPROVED *John A. ...*
Highway Commission
GREENWOOD TOWNSHIP REPRESENTATIVE

PASSED *DEC 17 2025*
District 1 Engineer of Local Roads and Streets

RELEASING FOR BID
BASED ON LIMITED
REVIEW *Joe Rusk*
Regional Engineer

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS



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

INDEX OF SHEETS

1	COVER
2	INDEX OF SHEETS AND HIGHWAY STANDARDS
3	GENERAL NOTES
4 - 5	SUMMARY OF QUANTITIES
6 - 7	TYPICAL SECTIONS, EXISTING PAVEMENT THICKNESS TABLE AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS
8	SIGN SCHEDULE
9 - 14	PLAN
15	PAVEMENT PATCHING FOR HMA SURFACE PAVEMENT (BD-22)
16	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
17	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
18	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)
19	DISTRICT 1 TYPICAL PAVEMENT MARKINGS (TC-13)
20	ARTERIAL ROAD INFORMATION SIGN (TC-22)

HIGHWAY STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
406201-01	MAILBOX TURNOUT
442201-04	CLASS C AND D PATCHES
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

COMMITMENTS

THERE ARE NO COMMITMENTS ON THIS PROJECT

DISTRICT ONE DETAILS

BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-32	BUTT JOINTS AND HMA TAPER
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/17
 MODEL BY: 12/13/2015 1:52:05 PM
 FILE NAME: P:\BULLY\0220289-Queen Anne Road Phase II\CAD\Sheets\DOT_CONNECT_BaseSheets.dgn



USER NAME = kroberson	DESIGNED - JZ	REVISED -
	DRAWN - KAR	REVISED -
	CHECKED - CPM	REVISED -
PLOT DATE = 12-31-25	DATE - 12-31-25	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS,
AND COMMITMENTS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	McHENRY	20	2
CONTRACT NO. 61M19				
ILLINOIS FED. AID PROJECT D2XE(316)				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				BULL VALLEY 80% FED 20% LOCAL	GREENWOOD 80% FED 20% LOCAL
				ROADWAY 0005 Rural	ROADWAY 0005 Rural
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.0	0.7	0.3
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0	0.7	0.3
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11,661	9,718	1,943
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5,230	4,258	972
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	9,133	7,190	1,943
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	99	99	
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	3,368	2,396	972
70307210	TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE	FOOT	33	33	
* 72000100	SIGN PANEL - TYPE 1	SQ FT	213.50	172.25	41.25
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	22	17	5
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	2	1	1
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	482	392	90
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	23,665	18,230	5,435
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	11	11	
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	7	5	2

* INDICATES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				BULL VALLEY 80% FED 20% LOCAL	GREENWOOD 80% FED 20% LOCAL
				ROADWAY 0005 Rural	ROADWAY 0005 Rural
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	1		1
X4023000	TEMPORARY ACCESS (ROAD)	EACH	2	1	1
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	52	26	26
* X7810301	RECESSED REFLECTIVE PAVEMENT MARKER (HMA)	EACH	178	133	45

* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM SPLTDRAWN
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
 SPLTDRWS \$PENTBLAS
 \$PLTTEBDRWS 12/31/2025 1:52:14 PM
 \$FILES \$
 MODEL: D:\a\h
 FILE NAME: P:\BULLVALLEY\2020299-Queen Anne Road Phase II\CAD\Sheets\DOT_CONNECT_PlanSheets.dgn



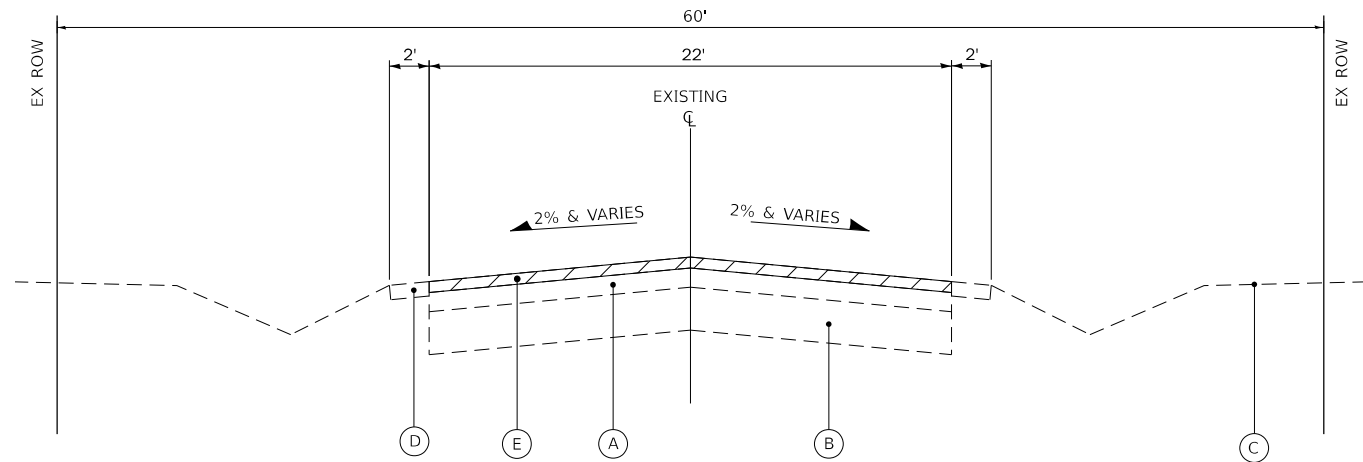
USER NAME = kroberson	DESIGNED - JZ	REVISED -
	DRAWN - KAR	REVISED -
	CHECKED - CPM	REVISED -
PLOT DATE = 12-31-25	DATE - 12-31-25	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

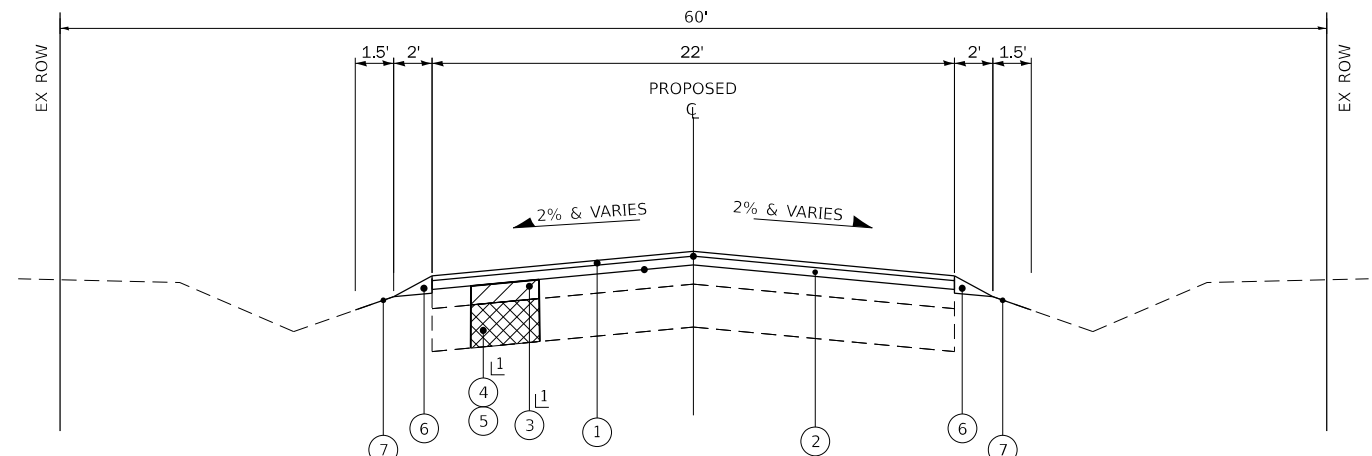
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-RS	MCHENRY	20	5
CONTRACT NO. 61M19			ILLINOIS FED. AID PROJECT D2XE13161	



EXISTING TYPICAL SECTION
 QUEEN ANNE ROAD
 STA 10+68 TO STA 59+50



PROPOSED TYPICAL SECTION
 QUEEN ANNE ROAD
 STA 10+68 TO STA 59+50

1 LOCATIONS DETERMINED BY ENGINEER

EXISTING LEGEND

- (A) EXISTING HMA BINDER & SURFACE COURSE, 3.5" - 5"
- (B) EXISTING AGGREGATE BASE COURSE, 10.00" - 19.25"
- (C) GROUND SURFACE
- (D) EXISTING AGGREGATE SHOULDER
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- [Hatched Box] REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.75"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL -19.0, N50, 2.25"
- (3) CLASS D PATCHES 4"
- (4) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (5) AGGREGATE SUBGRADE IMPROVEMENT
- (6) AGGREGATE WEDGE SHOULDERS, TYPE B
- (7) SEEDING, CLASS 2A

NOTES:

CONTRACTOR SHALL MILL BEFORE PATCHING.

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER COURSE, IL-19.0, N50.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING (STA. 10+68 TO 22+70, 24+84 TO 59+50)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1 3/4"	4% @ 50 Gyr.	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 1/4"	4% @ 50 Gyr.	LR1030-2
PAVEMENT RESURFACING (STA. 59+50 TO 78+43)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 2"	4% @ 50 Gyr.	LR1030-2
PATCHING (STA. 10+68 TO 22+70, 24+84 TO 59+50)		
CLASS D PATCHES (HMA BINDER IL-19.0); 4"	4% @ 50 Gyr.	LR1030-2
PATCHING (STA. 59+50 TO 78+43)		
CLASS D PATCHES (HMA BINDER IL-19.0); 6"	4% @ 50 Gyr.	LR1030-2
DRIVEWAYS		
INCEDENTAL HOT-MIX ASPHALT SURFACING (HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50); 2"	4% @ 50 Gyr.	LR1030-2
QMP designation: Quality Control/Quality Assurance (QC/QA) PER LR1030-2		

NOTES:

- THE UNIT WEIGHT USED 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 MATERIALS SPECIFICATIONS.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/25
 \$PENULTAS \$FILES
 \$MODEL \$BY \$DATE 12/31/2025 1:52:24 PM
 FILE NAME: P:\BULLY\0220289-Queen Anne Road Phase I\ICAD\Sheets\DOT_CONNECT_BaseSheets.dgn



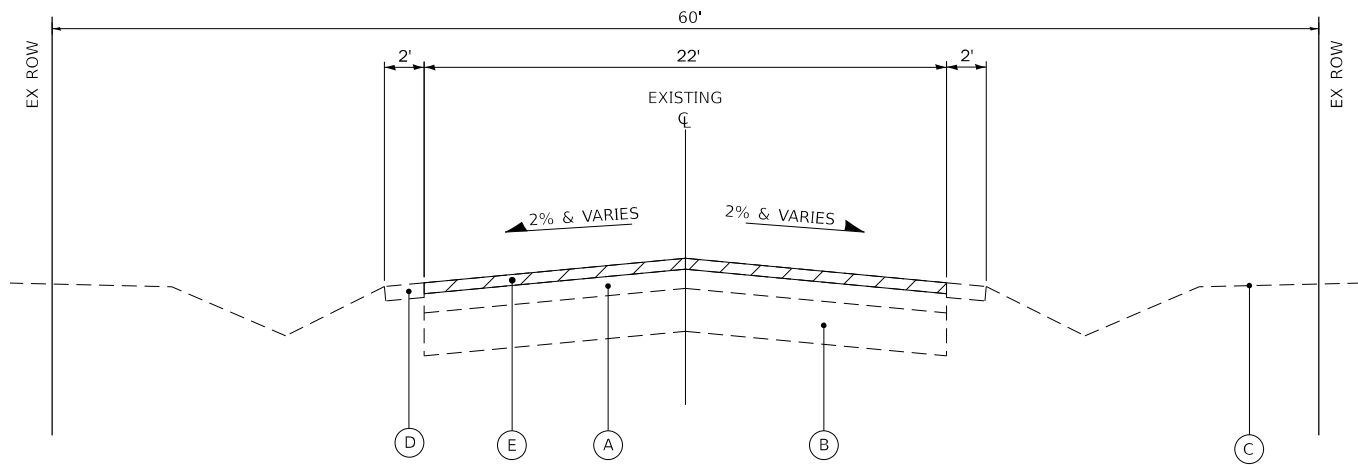
USER NAME = kroberson	DESIGNED - JZ	REVISED -
	DRAWN - KAR	REVISED -
	CHECKED - CPM	REVISED -
PLOT DATE = 12-31-25	DATE - 12-31-25	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS AND HOT-MIX
 ASPHALT MIXTURE REQUIREMENTS**

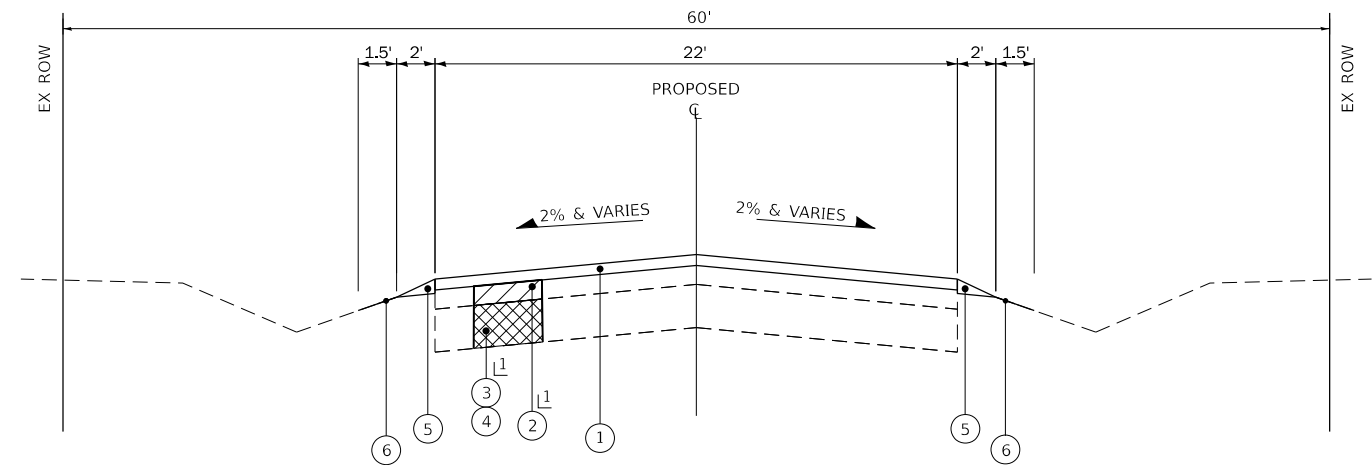
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	McHENRY	20	6
CONTRACT NO. 61M19				
ILLINOIS FED. AID PROJECT D2XE(316)				



EXISTING TYPICAL SECTION

QUEEN ANNE ROAD
STA 59+50 TO STA 78+43



PROPOSED TYPICAL SECTION

QUEEN ANNE ROAD
STA 59+50 TO STA 78+43

1 LOCATIONS DETERMINED BY ENGINEER

NOTES:

CONTRACTOR SHALL MILL BEFORE PATCHING.

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER COURSE, IL-19.0, N50.

PAVEMENT CORE DATA

CORE	ADDRESS	LOCATION	HMA SURFACE	HMA BINDER	BUILT UP SURF TREATMENTS	TOTAL HMA	GRANULAR BASE	TOTAL DEPTH
C-1	STA 18+35	6' W of CL	2 3/4"		1.0"	3 3/4"	19 1/4"	23.0+"
C-2	STA 26+60	5' E of CL	3.0"		2.0"	5.0"	18.0+"	23.0+"
C-3	STA 34+50	5' W of CL	2 1/2"		1.0"	3 1/2"	10.0"	13 1/2"
C-4	STA 42+00	7' E of CL	3.0"		1 1/2"	4 1/2"	16 1/4"	20 3/4"
C-5	STA 50+50	8' W of CL	3 1/4"		1 1/4"	4 1/2"	18 1/2+"	23.0+"
C-6	STA 58+50	6' E of CL	3 1/2"		1 1/4"	4 3/4"	14 1/2"	19 1/4"
C-7	STA 66+00	5' W of CL		5 1/2"		5 1/2"	8.0"	13 1/2"
C-8	STA 74+65	5' E of CL		6 3/4"	1 1/2"	8 1/4"	10 3/4"	19.0"

EXISTING LEGEND

- (A) EXISTING HMA BINDER & SURFACE COURSE, 5.5" - 8.25"
- (B) EXISTING AGGREGATE BASE COURSE, 8.0" - 10.75"
- (C) GROUND SURFACE
- (D) EXISTING AGGREGATE SHOULDER
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- [Hatched Box] REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 2"
- (2) CLASS D PATCHES 6"
- (3) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- (4) AGGREGATE SUBGRADE IMPROVEMENT
- (5) AGGREGATE WEDGE SHOULDERS, TYPE B
- (6) SEEDING, CLASS 2A

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/25
 \$PENBELAS
 \$MODEL BY 12/13/2025 1:52:26 PM
 \$FILES
 FILE NAME: P:\BULLY\0220289-Queen Anne Road Phase II\CAD\Sheets\IDOT_CONNECT_BaseSheets.dgn



USER NAME = kroberson	DESIGNED - JZ	REVISED -
	DRAWN - KAR	REVISED -
	CHECKED - CPM	REVISED -
PLOT DATE = 12-31-25	DATE - 12-31-25	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS AND HOT-MIX
ASPHALT MIXTURE REQUIREMENTS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	McHENRY	20	7
CONTRACT NO. 61M19				
ILLINOIS FED. AID PROJECT D2XE(316)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/25
 \$MODEL:DBYR 12/31/2025 1:52:29 PM
 \$FILES
 FILE NAME: P:\BULLY\0220289-Queen Anne Road Phase II\CAD\Sheets\DOT_CONNECT_BaseSheets.dgn



USER NAME =	kroberson	DESIGNED -	JZ	REVISED -	
		DRAWN -	KAR	REVISED -	
		CHECKED -	CPM	REVISED -	
PLOT DATE =	12-31-25	DATE -	12-31-25	REVISED -	

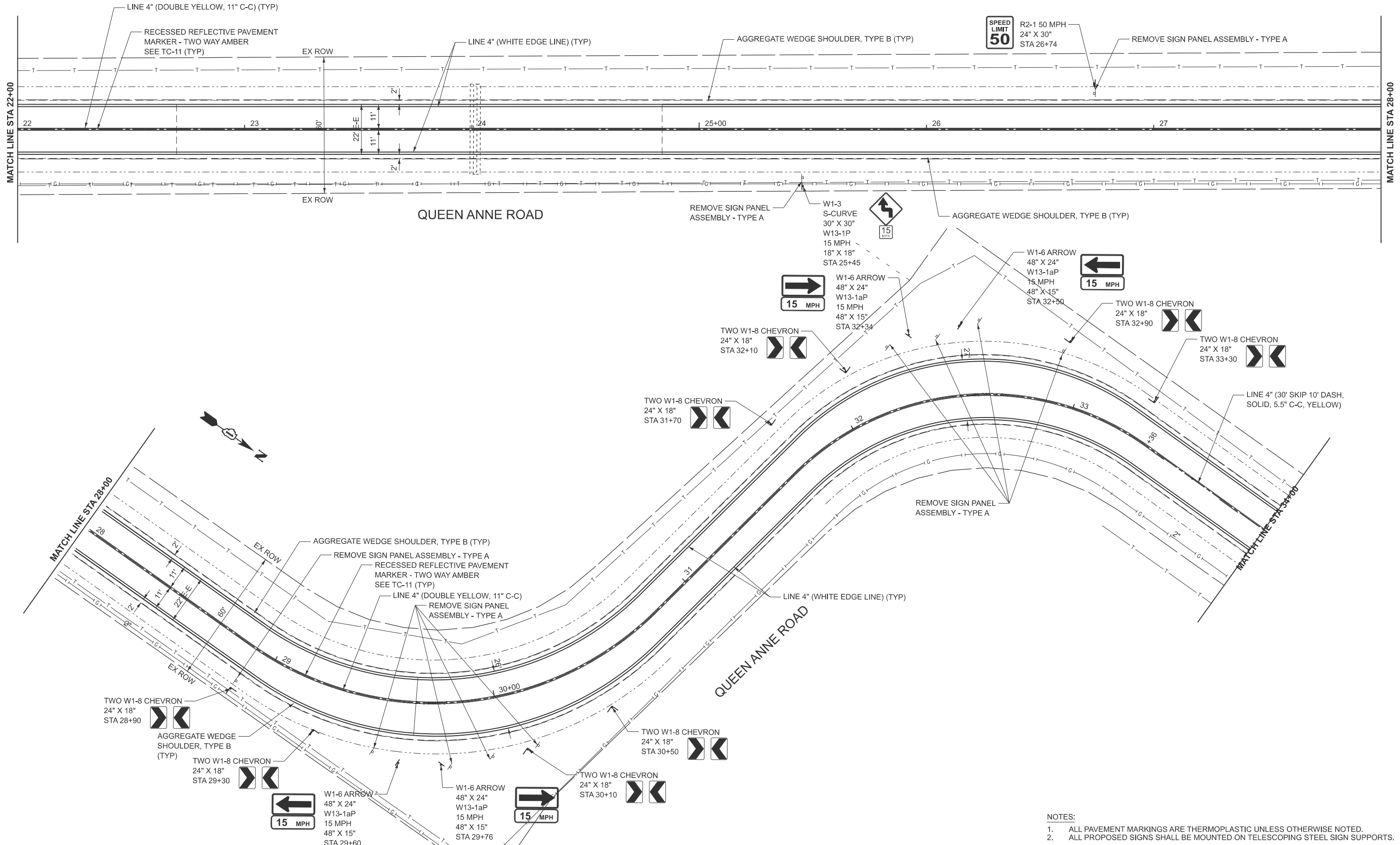
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGN SCHEDULE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	McHENRY	20	8
CONTRACT NO. 61M19				
ILLINOIS FED. AID PROJECT D2XE(316)				

PROPOSED SIGN SCHEDULE									
STA	OFFSET	SIGN	MUTCD CODE	SIGN SIZE	SIGN AREA	72400100	72400200	72000100	72800100
						REMOVE SIGN PANEL ASSEMBLY-TYPE A EACH	REMOVE SIGN PANEL ASSEMBLY-TYPE B EACH	SIGN PANEL - TYPE 1 SQ FT	TELESCOPING STEEL SIGN SUPPORT FOOT
11+07	LT	STOP	R1-1	36X36	9.00	1	0	11.00	15.50
		CROSS TRAFFIC DOES NOT STOP	W4-4P	24X12	2.00				
12+07	RT	50 MPH	R2-1	24X30	5.00	0	0	5.00	14.50
16+52	LT	STOP AHEAD	W3-1	30X30	6.25	1	0	6.25	14.50
25+45	RT	S-CURVE	W1-3	30X30	6.25	1	0	8.50	16.00
		15 MPH	W13-1P	18X18	2.25				
26+74	LT	50 MPH	R2-1	24X30	5.00	1	0	5.00	14.50
28+90	RT	CHEVRON	2 W1-8	18x24	6.00	1	0	6.00	14.00
29+30	RT	CHEVRON	2 W1-8	18x24	6.00	1	0	6.00	14.00
29+60	RT	ARROW	W1-6	48X24	8.00	1	0	13.00	28.00
		15 MPH	W13-1aP	48X15	5.00				
29+76	RT	ARROW	W1-6	48X24	8.00	0	0	13.00	28.00
		15 MPH	W13-1aP	48X15	5.00				
30+10	RT	CHEVRON	2 W1-8	18x24	6.00	1	0	6.00	14.00
30+50	RT	CHEVRON	2 W1-8	18x24	6.00	1	0	6.00	14.00
31+70	LT	CHEVRON	2 W1-8	18x24	6.00	1	0	6.00	14.00
32+10	LT	CHEVRON	2 W1-8	18x24	6.00	1	0	6.00	14.00
32+34	LT	ARROW	W1-6	48X24	8.00	0	0	13.00	28.00
		15 MPH	W13-1aP	48X15	5.00				
32+50	LT	ARROW	W1-6	48X24	8.00	1	0	13.00	28.00
		15 MPH	W13-1aP	48X15	5.00				
32+90	LT	CHEVRON	2 W1-8	18x24	6.00	1	0	6.00	14.00
33+30	LT	CHEVRON	2 W1-8	18x24	6.00	0	0	6.00	14.00
35+04	RT	50 MPH	R2-1	24X30	5.00	1	0	5.00	14.50
		S-CURVE	W1-3	30X30	6.25				
35+36	LT	15 MPH	W13-1P	18X18	2.25	1	0	8.50	16.00
		S-CURVE	W1-3	30X30	6.25				
43+47	LT	NO PASSING ZONE	W14-3	48X48X36	6.00	0	0	6.00	15.00
57+36	LT	50 MPH	R2-1	24X30	5.00	0	0	5.00	14.50
59+09	LT	VILLAGE OF BULL VALLEY SOLICITORS PERMIT REQUIRED	IL-1101	48X24	8.00	0	1	12.00	33.00
		NO LITTERING MAXIMUM FINE \$750		12X24	2.00				
				12X24	2.00				
59+49	RT	AXLE WEIGHT LIMIT 8 TONS	R12-2	24X30	5.00	1	0	7.00	15.50
		GREENWOOD TWP ROAD DIST		24X12	2.00				
61+47	RT	NO PASSING ZONE	W14-3	48X48X36	6.00	1	0	6.00	15.00
71+80	RT	STOP AHEAD	W3-1	30X30	6.25	1	0	6.25	14.50
72+32	LT	NO PASSING ZONE	W14-3	48X48X36	6.00	0	0	6.00	15.00
78+24	LT	AXLE WEIGHT LIMIT 8 TONS	R12-2	24X30	5.00	1	0	5.00	14.50
78+31	LT	8 TON ROAD AHEAD				1	0	0.00	0.00
78+57	RT	STOP	R1-1	36X36	9.00	0	1	11.00	15.50
		CROSS TRAFFIC DOES NOT STOP	W4-4P	24X12	2.00				
TOTAL						22	2	213.50	482



SPEED LIMIT
50

R2-1 50 MPH
24" X 30"
STA 26+74

REMOVE SIGN PANEL ASSEMBLY - TYPE A

REMOVE SIGN PANEL ASSEMBLY - TYPE A

W1-3 S-CURVE
30" X 30"
W13-1P
15 MPH
18" X 18"
STA 25+45

AGGREGATE WEDGE SHOULDER, TYPE B (TYP)

W1-6 ARROW
48" X 24"
W13-1aP
15 MPH
48" X 15"
STA 32+50

15 MPH

TWO W1-8 CHEVRON
24" X 18"
STA 32+90

TWO W1-8 CHEVRON
24" X 18"
STA 33+30

LINE 4" (30' SKIP 10' DASH, SOLID, 5.5" C-C, YELLOW)

TWO W1-8 CHEVRON
24" X 18"
STA 32+10

TWO W1-8 CHEVRON
24" X 18"
STA 31+70

REMOVE SIGN PANEL ASSEMBLY - TYPE A

AGGREGATE WEDGE SHOULDER, TYPE B (TYP)
REMOVE SIGN PANEL ASSEMBLY - TYPE A
RECESSED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER SEE TC-11 (TYP)
LINE 4" (DOUBLE YELLOW, 11" C-C)
REMOVE SIGN PANEL ASSEMBLY - TYPE A

TWO W1-8 CHEVRON
24" X 18"
STA 28+90

AGGREGATE WEDGE SHOULDER, TYPE B (TYP)

TWO W1-8 CHEVRON
24" X 18"
STA 29+30

15 MPH

W1-6 ARROW
48" X 24"
W13-1aP
15 MPH
48" X 15"
STA 29+60

W1-6 ARROW
48" X 24"
W13-1aP
15 MPH
48" X 15"
STA 29+76

15 MPH

TWO W1-8 CHEVRON
24" X 18"
STA 30+10

TWO W1-8 CHEVRON
24" X 18"
STA 30+50

NOTES:

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. ALL PROPOSED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
PROJECT NO. - 1213172025
DATE - 12/31/2025
FILE NAME: P:\BULLY\0220289-Queen Anne Road Phase II\CAD\Sheets\DOT_CONNECT_BaseSheets.dgn



USER NAME =	kroberson	DESIGNED -	JZ	REVISED -	
		DRAWN -	KAR	REVISED -	
		CHECKED -	CPM	REVISED -	
PLOT DATE =	12-31-25	DATE -	12-31-25	REVISED -	

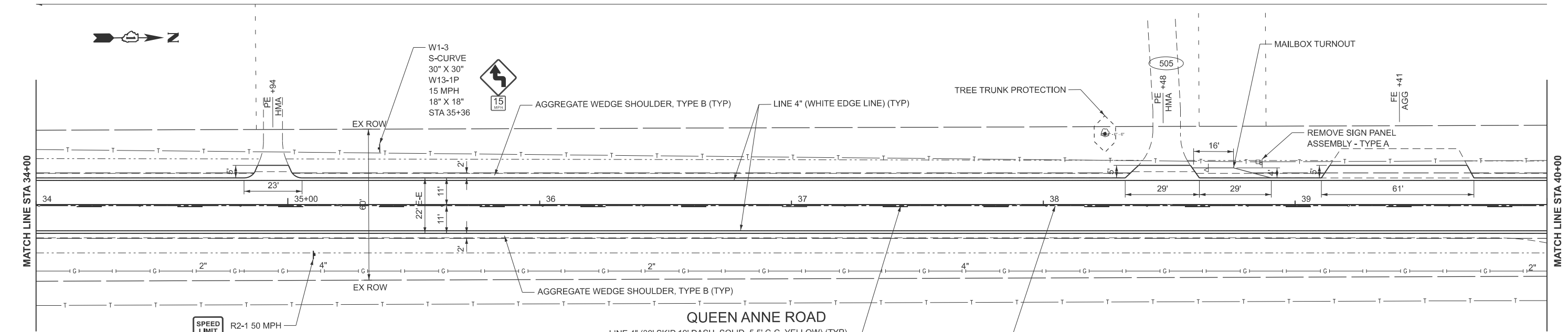
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN
QUEEN ANNE ROAD

SCALE: 1" = 20' SHEET 2 OF 6 SHEETS STA. 22+00.00 TO STA. 34+00.00

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	McHENRY	20	10
CONTRACT NO. 61M19				
ILLINOIS FED. AID PROJECT D2XE(316)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 SPLITORVAS
 LICENSE NO. - 184-001121 - EXPIRES 4/30/17
 \$PENBELAS
 \$MODEL:DBY18
 \$PLOT DATE: 12/31/2025 1:53:02 PM
 \$FILES
 FILE NAME: P:\BULLY\0220289-Queen Anne Road Phase II\CAD\Sheets\DOT_CONNECT_BaseSheets.dgn



- NOTES:
1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 2. ALL PROPOSED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS.



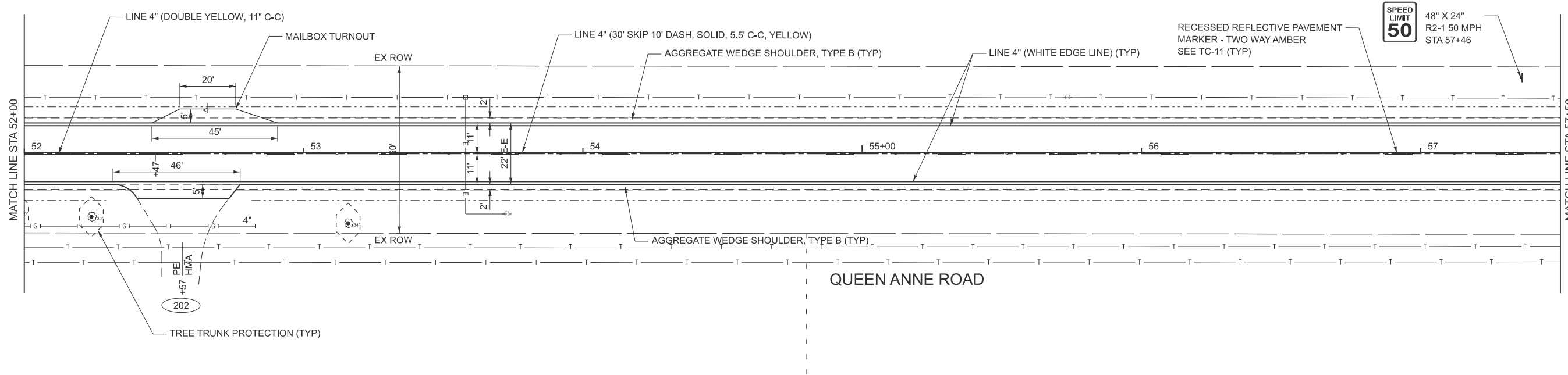
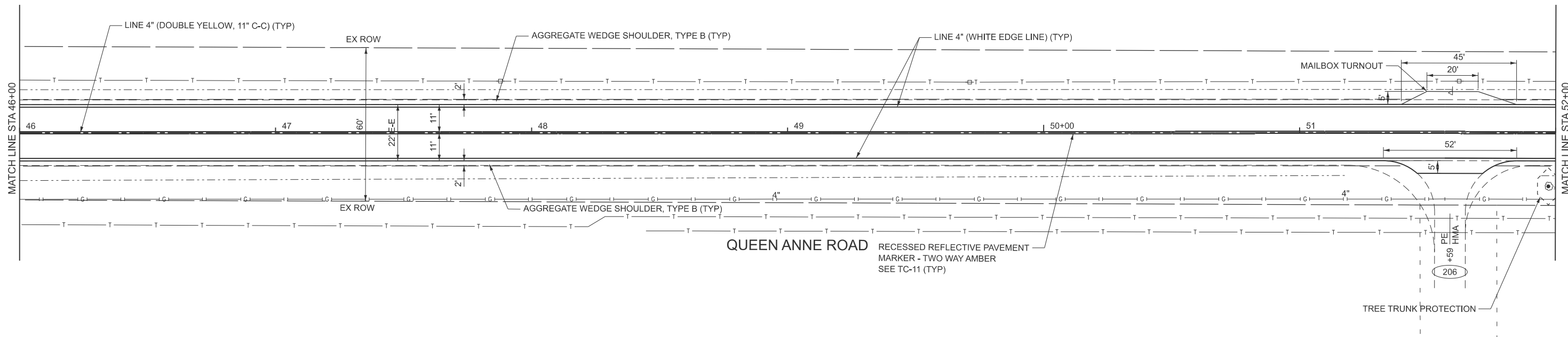
USER NAME = kroberson	DESIGNED - JZ	REVISED -
	DRAWN - KAR	REVISED -
	CHECKED - CPM	REVISED -
PLOT DATE = 12-31-25	DATE - 12-31-25	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN
 QUEEN ANNE ROAD**

SCALE: 1" = 20' SHEET 3 OF 6 SHEETS STA. 34+00.00 TO STA. 46+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	MCHENRY	20	11
CONTRACT NO. 61M19				
ILLINOIS FED. AID PROJECT D2XE(316)				



- NOTES:
1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED.
 2. ALL PROPOSED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/15
 \$PENBELAS
 \$MODEL: DB15
 \$DATE: 12/31/2015 1:53:05 PM
 \$FILES
 FILE NAME: P:\BULLY\0220289-Queen Anne Road Phase II\CAD\Sheets\DOT_CONNECT_BaseSheets.dgn



USER NAME =	kroberson	DESIGNED -	JZ	REVISED -	
		DRAWN -	KAR	REVISED -	
		CHECKED -	CPM	REVISED -	
PLOT DATE =	12-31-25	DATE -	12-31-25	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN
QUEEN ANNE ROAD**

SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. 46+00.00 TO STA. 57+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	MCHENRY	20	12
CONTRACT NO. 61M19				
ILLINOIS		FED. AID PROJECT D2XE(316)		



VILLAGE OF Bull Valley
 NO LITTERING
 MAXIMUM FINE \$750.00
 SOLICITORS PERMIT REQUIRED

IL-1101
 VILLAGE OF BULL VALLEY
 48" X 24"
 R2-1 50 MPH
 24" X 30"
 SOLICITORS
 12" X 24"
 NO LITTERING
 12" X 24"
 STA 58+59

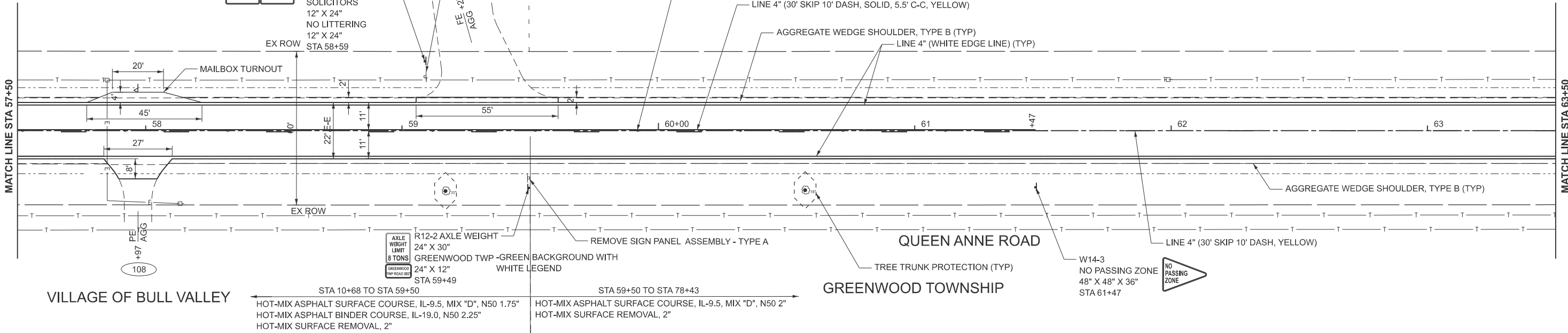
REMOVE SIGN PANEL ASSEMBLY - TYPE B

RECESSED REFLECTIVE PAVEMENT MARKER - TWO WAY AMBER
 SEE TC-11 (TYP)

LINE 4" (30' SKIP 10' DASH, SOLID, 5.5' C-C, YELLOW)

AGGREGATE WEDGE SHOULDER, TYPE B (TYP)

LINE 4" (WHITE EDGE LINE) (TYP)



VILLAGE OF BULL VALLEY

STA 10+68 TO STA 59+50

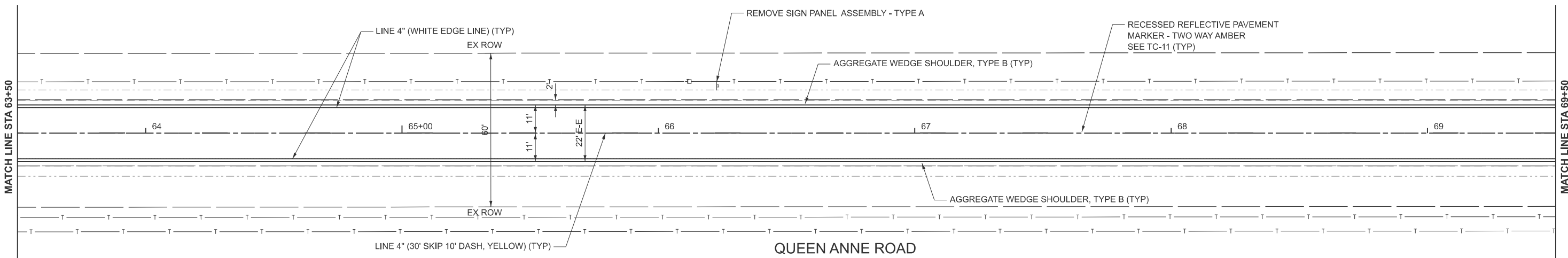
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1.75"
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 2.25"
 HOT-MIX SURFACE REMOVAL, 2"

STA 59+50 TO STA 78+43

HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 2"
 HOT-MIX SURFACE REMOVAL, 2"

GREENWOOD TOWNSHIP

W14-3
 NO PASSING ZONE
 48" X 48" X 36"
 STA 61+47



NOTES:

1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED.
2. ALL PROPOSED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
 MODEL: DB19 - 12/31/2025 1:53:06 PM
 FILE NAME: P:\BULLY\0220289-Queen Anne Road Phase II\CAD\Sheets\DOT_CONNECT_BaseSheets.dgn

BAXTER & WOODMAN
 Consulting Engineers

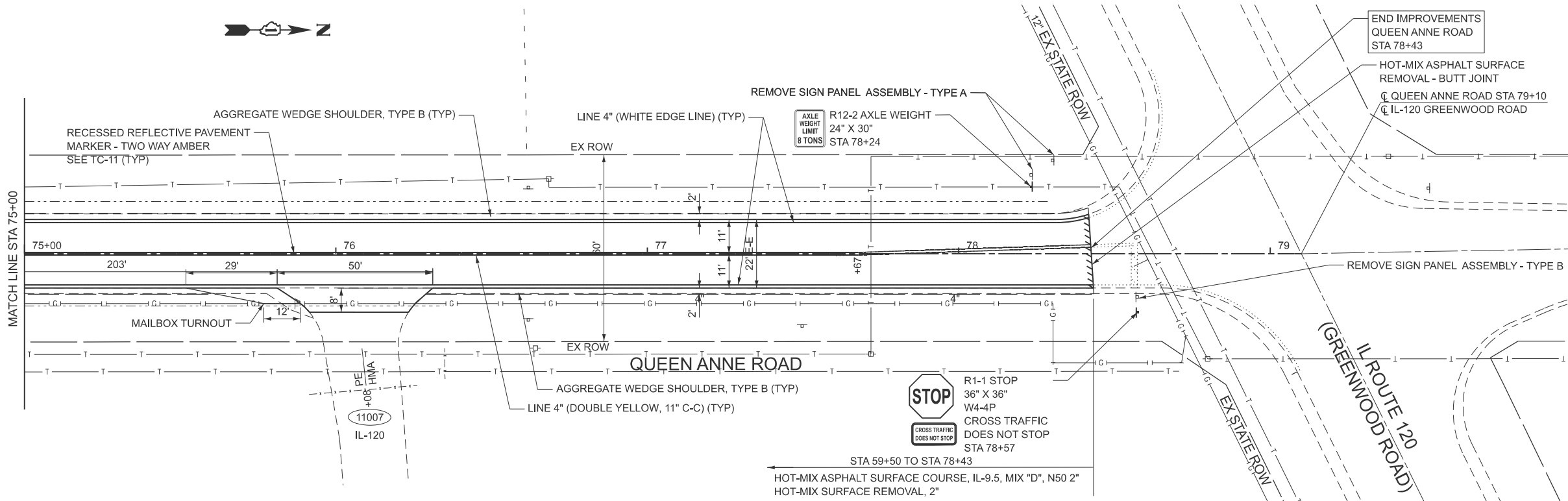
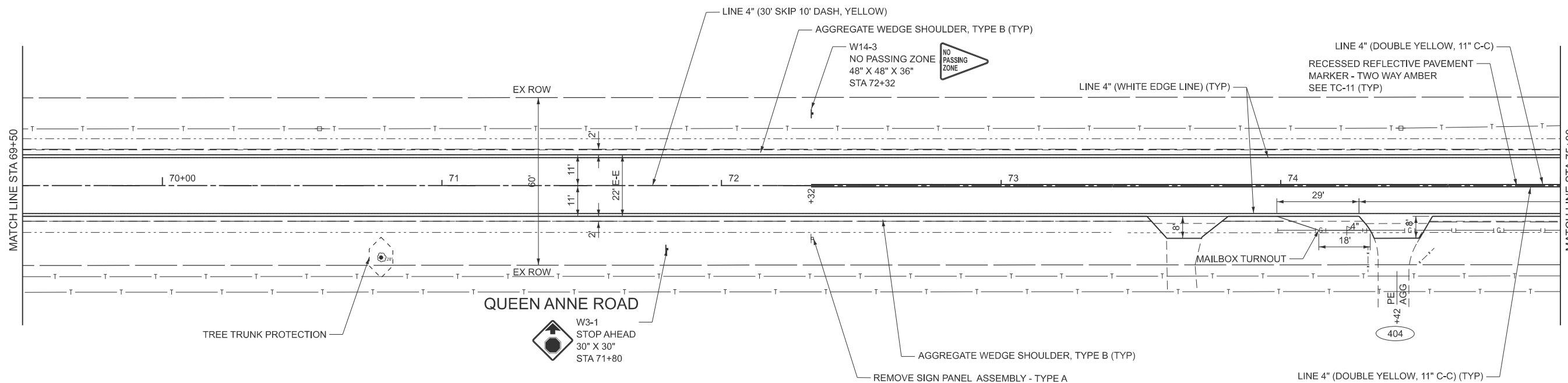
USER NAME =	kroberson	DESIGNED -	JZ	REVISED -	
		DRAWN -	KAR	REVISED -	
		CHECKED -	CPM	REVISED -	
PLOT DATE =	12-31-25	DATE -	12-31-25	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN
 QUEEN ANNE ROAD

SCALE: 1" = 20' SHEET 5 OF 6 SHEETS STA. 57+50.00 TO STA. 69+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	MCHENRY	20	13
CONTRACT NO. 61M19				
ILLINOIS FED. AID PROJECT D2XE(316)				



NOTES:

- 1. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- 2. ALL PROPOSED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/25
 \$MODEL: DBY19 12/13/2025 1:53:08 PM \$FILES
 FILE NAME: P:\BULLY\0220289-Queen Anne Road Phase I\ICAD\Sheets\DOT_CONNECT_BaseSheets.dgn



USER NAME =	kroberson	DESIGNED -	JZ	REVISED -	
		DRAWN -	KAR	REVISED -	
		CHECKED -	CPM	REVISED -	
PLOT DATE =	12-31-25	DATE -	12-31-25	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN
 QUEEN ANNE ROAD

SCALE: 1" = 20' SHEET 6 OF 6 SHEETS STA. 69+50.00 TO STA. 82+00.00

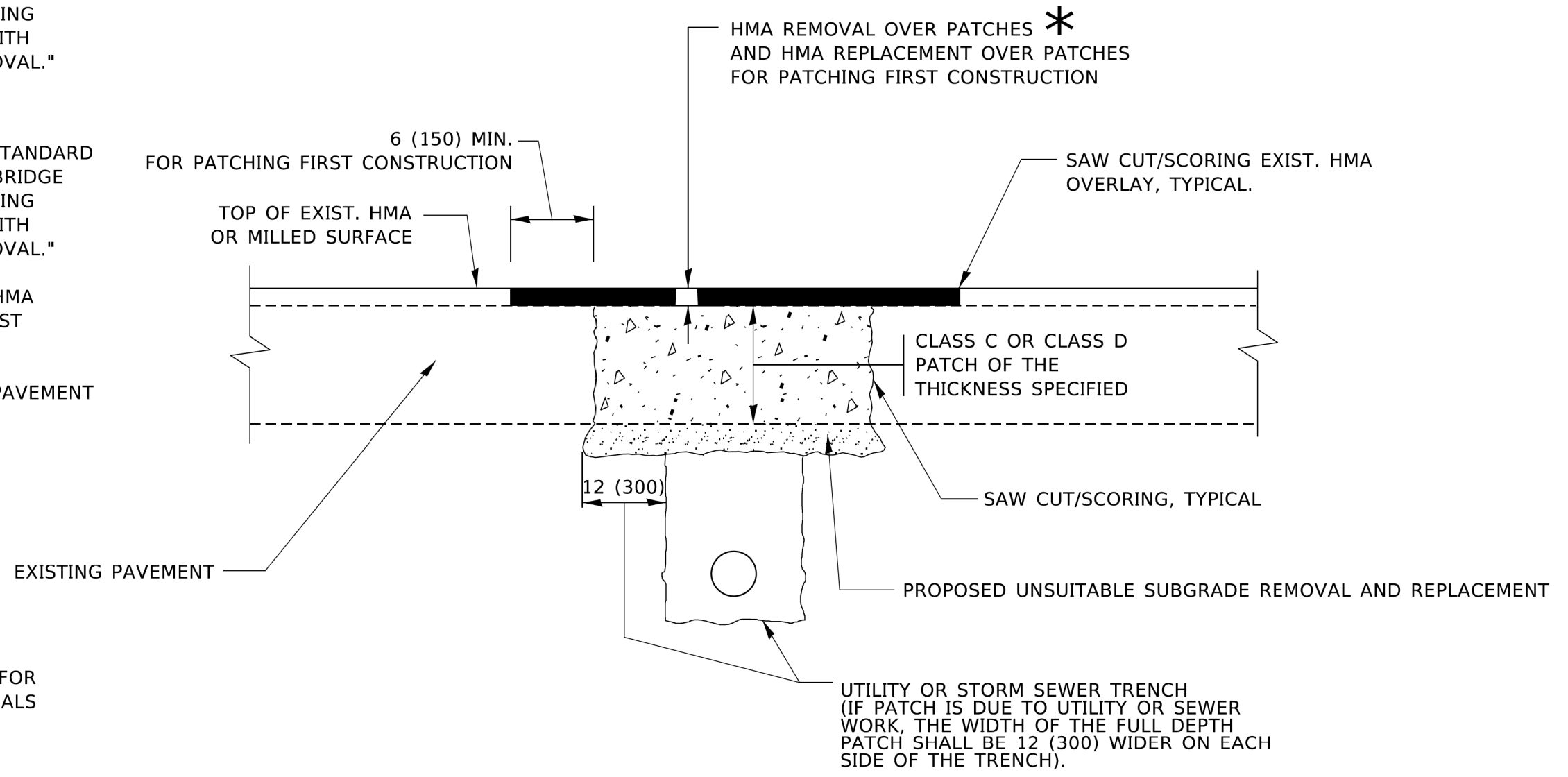
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	MCHENRY	20	14
CONTRACT NO. 61M19				
ILLINOIS		FED. AID PROJECT D2XE(316)		

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

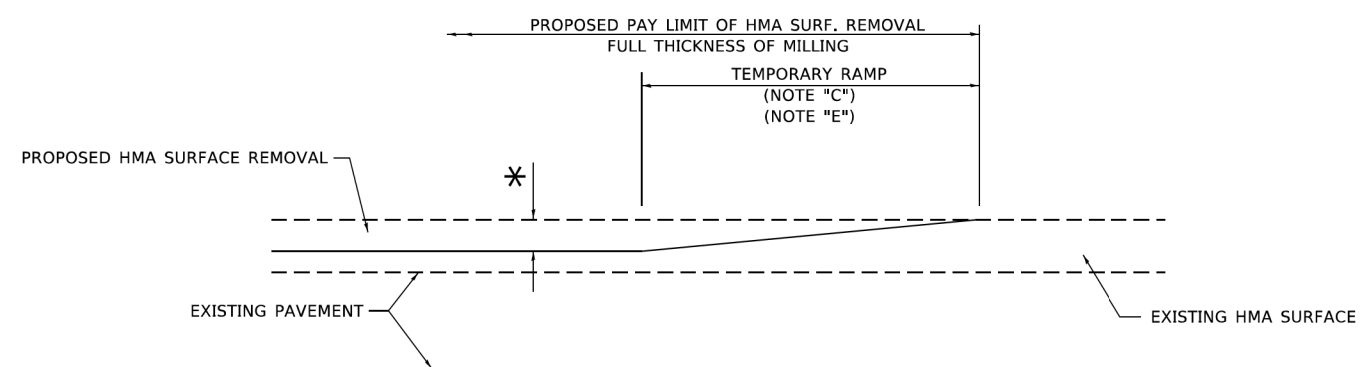
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

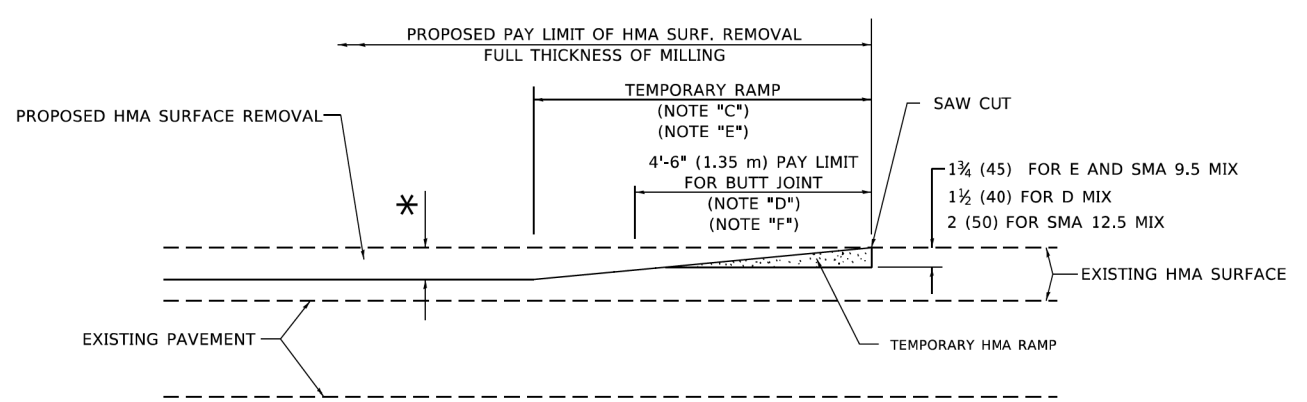
MODEL: Default
FILE: \\paw\idc-paw\benefit\com\paw\DOT\Documents\DOT_Offices\District_1\Projects\318\31822\31822\CADD\31822\CAD\31822.dgn

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED - R. BORO 09-04-07				3881	22-00009-00-R5	McHENRY	20	15	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. ENG 10-27-08		SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.		CONTRACT NO. 61M19	
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22		BD400-04 (BD-22) ILLINOIS FED. AID PROJECT D2XE(316)							



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

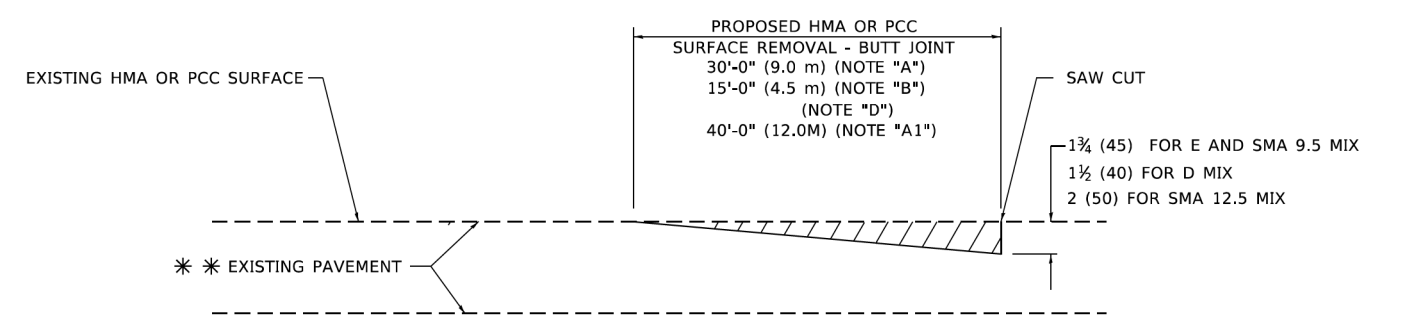
OPTION 1



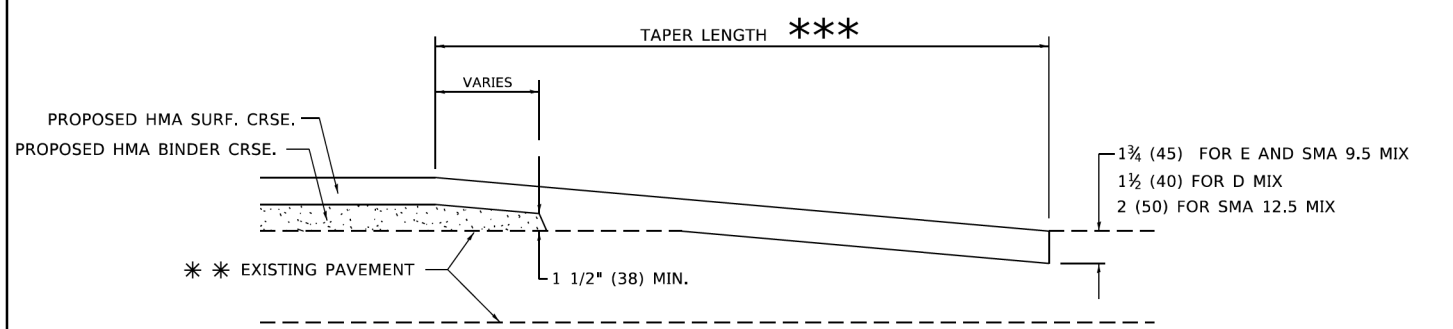
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

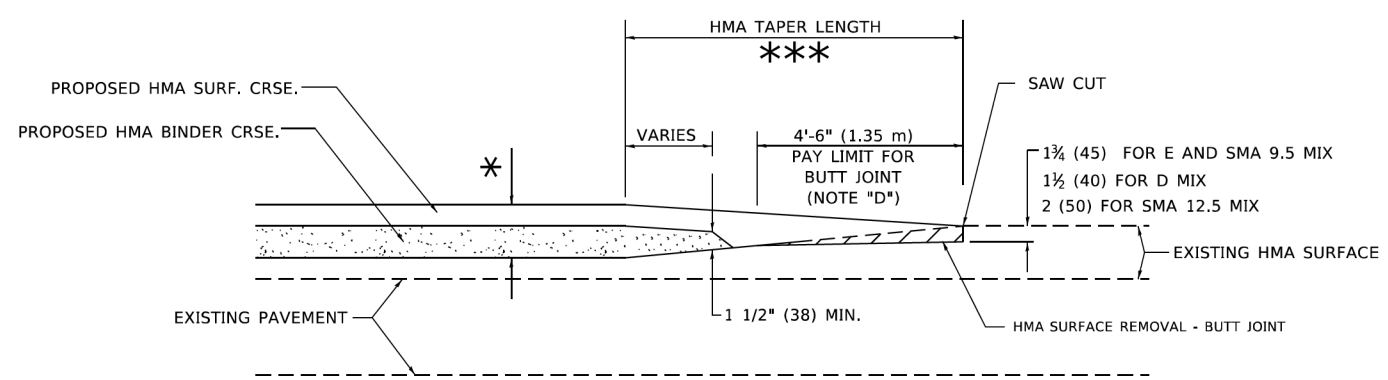
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

MODEL: Default
FILE: \\miller-pw-bentley.com\pwwid\DOT\Documents\DOT_Offices\District_1\Projects\118182022\118182022\118182022\118182022\118182022.dgn

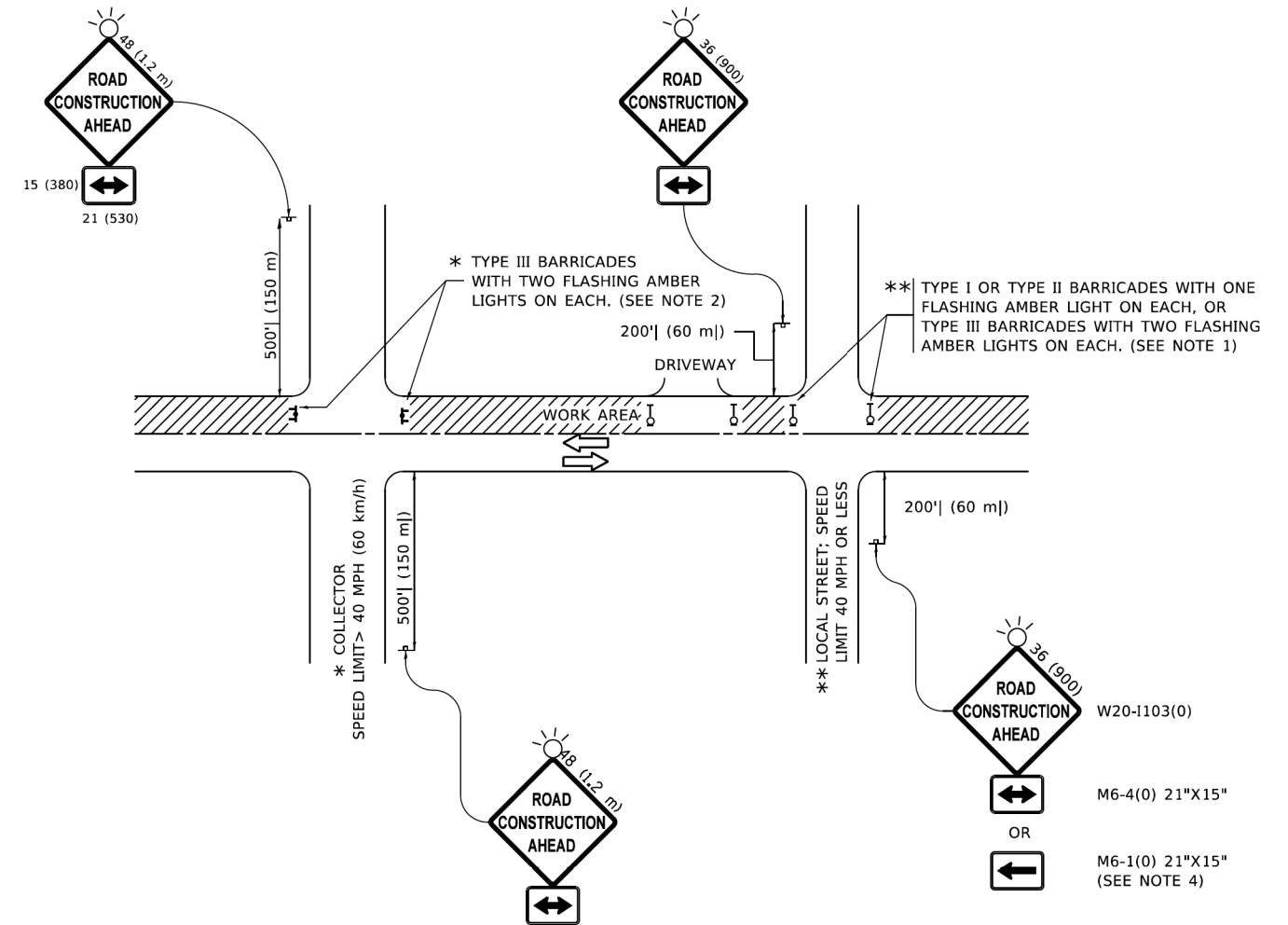
USER NAME = Lawrence,DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	MCHENRY	20	16
BD400-05 BD-32		CONTRACT NO. 61M19		
ILLINOIS FED. AID PROJECT D2XE(316)				



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).

WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
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.

MODEL: Default
FILE: \\p0111001\csw_bentley.com\p0111001\Documents\DOT_Offices\District_1\Projects\Dissemination\CADD\Drawings\TC10.dgn

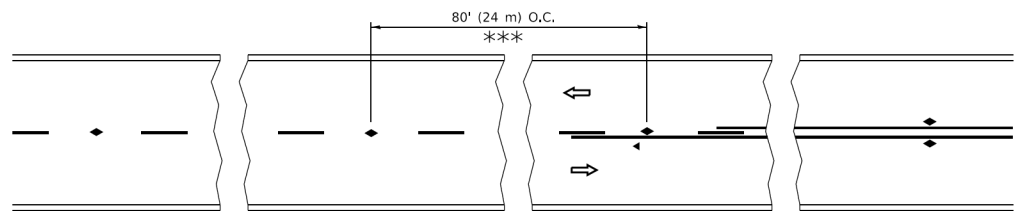
USER NAME = Lawrence.DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00
	DRAWN -	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

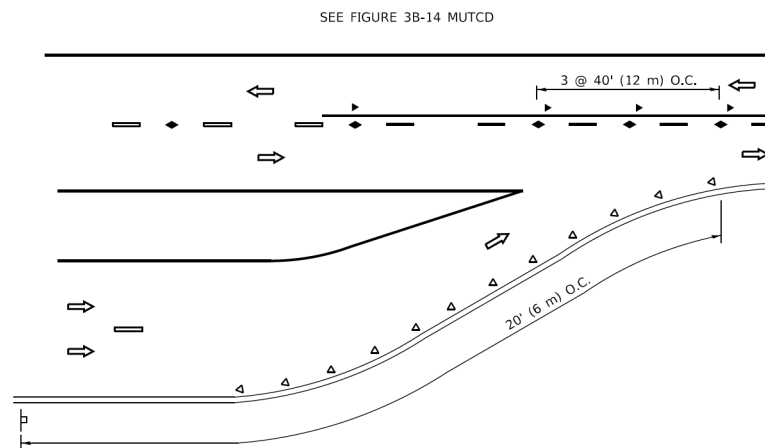
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	McHENRY	20	17
TC-10		CONTRACT NO. 61M19		
ILLINOIS FED. AID PROJECT D2XE(316)				

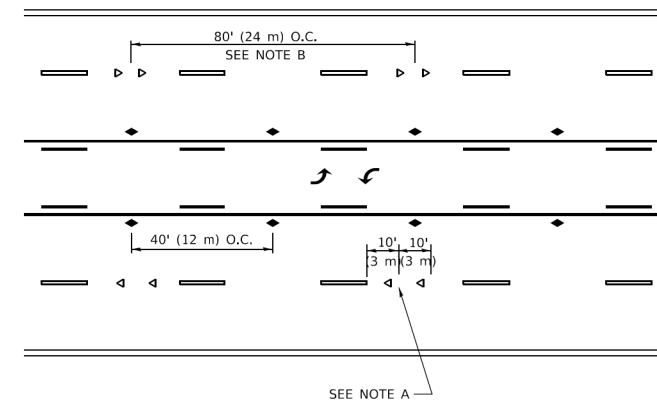


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

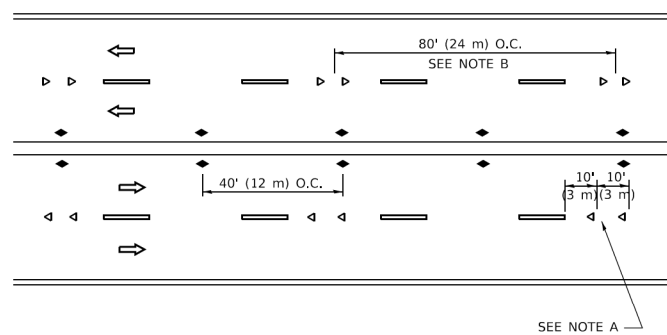
TWO-LANE/TWO-WAY



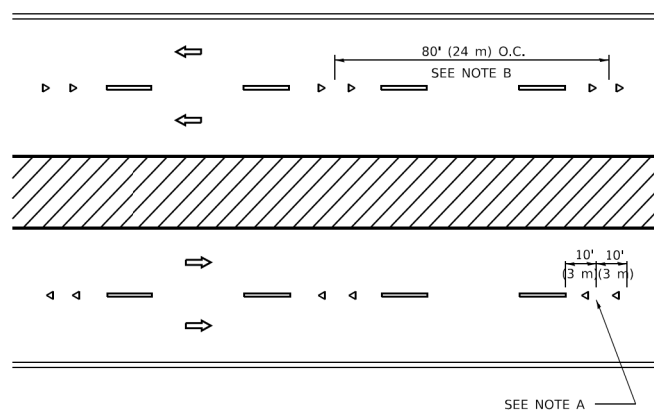
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

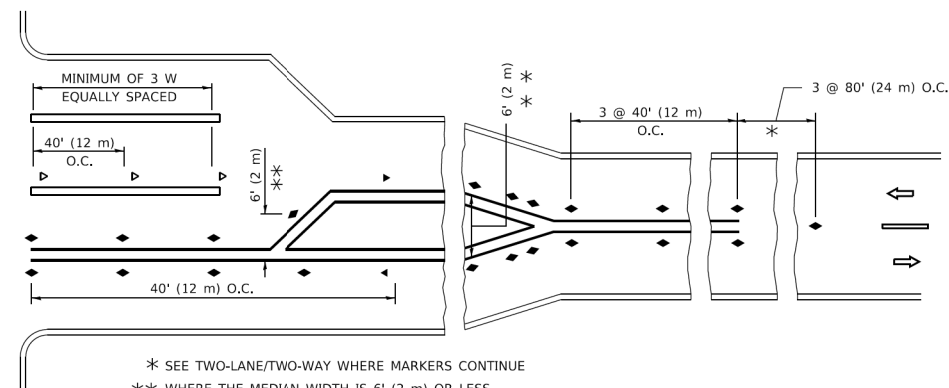
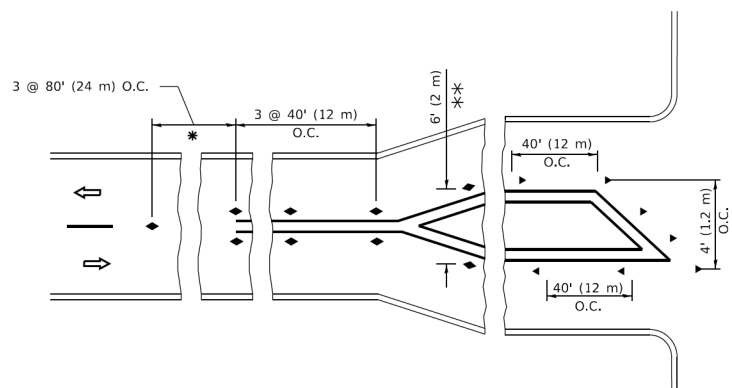
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



TURN LANES

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

MODEL: Default
 FILE: \\mhc-pw\illinois\p\w\dot\Documents\DOT_Offices\Bierfeldt_1\Projects\IDHS\22-24\CAD\Drawn\CAD\sheet\1.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3881	22-00009-00-R5	McHENRY	20	18
TC-11		CONTRACT NO. 61M19		
ILLINOIS FED. AID PROJECT D2XE(316)				

