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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
**PROPOSED
HIGHWAY PLANS**

MCLEAN COUNTY
SECTION 22-00046-15-RS
FAS ROUTE 473 (C.H. 8)
MILL & RESURFACE
FUNDING: STR, HSIP, & MATCHING
JOB # C-95-009-25
PROJECT UIN2(240)

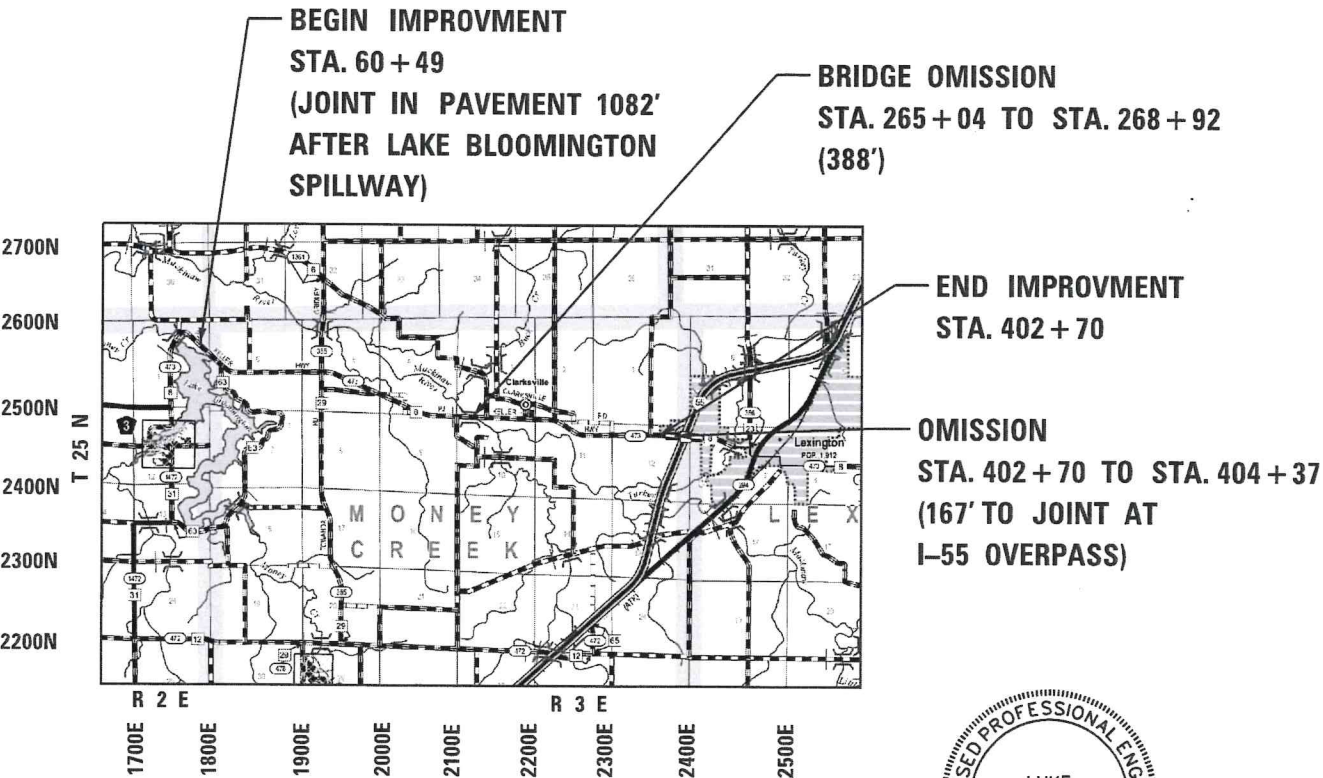


FUNCTIONAL CLASSIFICATION
MAJOR COLLECTOR
CURRENT ADT = 1650
P.V. = 88% S.U. = 7% M.U. = 5%

PLANS NOT TO SCALE
STATIONING FOR CONSTRUCTION PURPOSES ONLY

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

CONTRACT NO. 91644



GROSS LENGTH = 34,388 FT. = 6.513 MILES
NET LENGTH = 33,833 FT. = 6.408 MILES



11/21/2024
DATE
LUKE HOHULIN, P.E.
NO. 062-065157
EXPIRATION DATE 11/30/25

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	1
		ILLINOIS	CONTRACT NO. 91644	



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY

APPROVED NOVEMBER 21 20 24
George Stokoe
MCLEAN CO. HIGHWAY DEPT, COUNTY ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PASSED December 16 20 24
Kensil A. Garnett
DISTRICT 5 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW
December 16 20 24
Kensil A. Garnett
REGION 3 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

MODEL: SQO
FILE NAME: X:\County\Roads\CH 8\22-00046-15-RS - P.J Keller - Spillway to 2225 North Rd - 2025\Design\IGN\Plan Sheets\22-00046-15-RS - P.J Keller_SQO.dgn

SUMMARY OF QUANTITIES				0005	0021
ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	STR/ LOCAL	HSIP
20200500	EARTH EXCAVATION (WIDENING)	CU YD	3,720		3,720
35501312	HOT-MIX ASPHALT BASE COURSE, 7"	SQ YD	154	154	
35600650	HOT-MIX ASPHALT BASE COURSE WIDENING, 4"	SQ YD	17,254		17,254
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	50	50	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	54,474	42,829	11,645
40600370	LONGITUDINAL JOINT SEALANT	FOOT	26,073	26,073	
40600990	TEMPORARY RAMP	SQ YD	127	127	
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	5,675	4,466	1,209
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	6,875	5,425	1,450
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,760	1,760	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	500	500	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	63,905	63,905	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1,702		1,702
60609800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18	FOOT	358	358	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	4,662.5		4,662.5
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	50		50
* 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2		2
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	14		14
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	14		14
63200310	GUARDRAIL REMOVAL	FOOT	5,736		5,736
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	62,900		62,900
67100100	MOBILIZATION	LSUM	1	1	
* 78001120	PAINT PAVEMENT MARKING- LINE 5"	FOOT	86,870	86,870	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	330	330	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	3,990	3,990	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	
Z0055300	RUMBLE STRIP	EACH	8	8	

* SPECIALTY ITEM

HMA MIXTURE REQUIREMENTS				
Location(s):	F.A.S. 473	F.A.S. 473	F.A.S. 473	F.A.S. 473
Mixture Use(s):	Base Course Widening	HMA Binder	HMA Surface	Incidental HMA
	HMA Shldr 1st Lift			HMA Shldr 2nd Lift
PG:	PG 64-22	PG 64-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N50	4.0% @ N50	4.0% @ N70	4.0% @ N50
Mixture Composition:	IL-19	IL-9.5FG	IL-9.5	IL-9.5
Friction Aggregate:	N/A	N/A	Mixture D	Mixture C
Mixture Weight:	112	112	112	112
Quality Management Program:	QC/QA	QC/QA	QC/QA	QC/QA
Sublot Size	N/A	N/A	N/A	N/A
Material Transfer Device (Required?):	No	No	Yes	No

STATE STANDARD DETAILS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-13	STEEL PLATE BEAM GUARDRAIL
630101-11	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
642006-01	SHOULDER RUMBLE STRIPS, 8"
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" 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
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
701901-10	TRAFFIC CONTROL DEVICES
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 18-6	TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE

GENERAL NOTES

- MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLAN AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.
- THE EXISTING TOPOGRAPHIC INFORMATION FOR THIS PROJECT IS BASED ON A TOPOGRAPHIC SURVEY PREPARED BY THE COUNTY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE TOPOGRAPHIC INFORMATION INDICATED ON THE DRAWINGS AND SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING DATA, ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN, PRIOR TO CONSTRUCTION. DISCREPANCIES IN EXISTING TOPOGRAPHIC DATA SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY FOR REVIEW. COSTS TO VERIFY EXISTING TOPOGRAPHIC INFORMATION SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- A FULL DEPTH SAW CUT SHALL BE PROVIDED AT ALL REMOVAL LIMITS. THIS WORK SHALL BE INCLUDED IN THE COST OF REMOVAL ITEMS.
- ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN DATUM OF 1983 (NAD83) AND STATE PLANE COORDINATES, ILLINOIS EAST ZONE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISITING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
- THE COUNTY RESERVES THE RIGHT TO REDUCE ANY QUANTITY OR DELETE ANY PAY ITEMS FROM THIS CONTRACT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL TEMPORARY PAVEMENT MARKINGS & STRIPING WILL BE DONE BY OTHERS (MCLEAN COUNTY).

	USER NAME = collin.frantz	DESIGNED - AF/SC	REVISED - CCF, 12/2/2024	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PJ KELLER (C.H. 8) SUMMARY OF QUANTITIES				F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CCF	REVISED -						473	22-00046-15-RS	MCLEAN	20	2
		CHECKED - LDH	REVISED -						CONTRACT NO. 91644				
	PLOT DATE = 12/2/2024	DATE - 11/20/2024	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA. ____				
										ILLINOIS	FED. AID PROJECT		

MODEL: Schedules
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MILLING SCHEDULE		
	HMA SURFACE REMOVAL, 2" 44000157	HMA SURFACE REMOVAL, VARIABLE DEPTH X4401198
LOCATION	STA 60+49 - STA 265+04	side roads
	STA 268+92 - STA 325+10	field/private entrances
QUANTITY TOTAL	63905 SQ YD	3989 SQ YD

EARTH EXCAVATION WIDENING, SCHEDULE 20200500		
	3' WIDENING LEFT	3' WIDENING RIGHT
	STA 60+49 - STA 158+39	
	STA 160+31 - STA 264+93	STA 160+31 - STA 265+12
	STA 268+81 - STA 325+10	STA 269+00 - STA 402+01
	STA 325+74- STA 367+29	
	STA 368+ 55 - STA 394+06	
	STA 394+72 - STA 402+70	
	1855 CU YD	1865 CU YD

HOT MIX ASPHALT BASE COURSE WIDENING, 4" SCHEDULE 35600650		
	3' WIDENING LEFT	3' WIDENING RIGHT
	STA 60+49 - STA 158+39	
	STA 160+31 - STA 264+93	STA 160+31 - STA 265+12
	STA 268+81 - STA 325+10	STA 269+00 - STA 325+10
	8627 SQ YD	8627 SQ YD

HOT MIX ASPHALT SHOULDERS 48203100		
	3' WIDENING LEFT	3' WIDENING RIGHT
	STA 325+74- STA 367+29	STA 325+10- STA 402+01
	STA 368+ 55 - STA 394+06	
	STA 394+72 - STA 402+70	
QUANTITY TOTAL	841 TONS	861 TONS

LONGITUDINAL JOINT SEALANT SCHEDULE 40600370	
	STA 60+49 - STA 265+04
	STA 268+92 - STA 325+10
QUANTITY TOTAL	26073 FT

MAINLINE PAVING SCHEDULE		
	HMA BINDER COURSE, 1 1/4" 40602965	HMA SURFACE COURSE, 1-1/2" 40604062
LOCATION	STA 60+99 - STA 264+54	STA 60+49 - STA 265+04
	STA 269+42 - STA 324+60	STA. 268+92 - STA. 325+10
QUANTITY TOTAL	5675 TONS	6875 TONS

COMBINATION CURB AND GUTTER REMOVAL (TO BE REMOVED BY OTHERS)			
	LOCATION	QUANTITY (FT) LT	QUANTITY (FT) RT
Int. of CH 8 & CH 29	NE Quad	45	
	SE Quad		52
	SW Quad		49
	NW Quad	51	
QUANTITY TOTAL		96	101

COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.18 60609800			
	LOCATION	QUANTITY (FT) LT	QUANTITY (FT) RT
Int. of CH 8 & CH 29	NE Quad	89	
	SE Quad		89
	SW Quad		89
	NW Quad	91	
QUANTITY TOTAL		180	178

SHOULDER RUMBLE STRIPS, 8 INCH 64200108	
LEFT	STA 60+49 - STA 402+70
RIGHT	STA 60+49 - STA 402+01
bridge omission: STA 264+04 - STA 268+92	
QUANTITY TOTAL	62900 FT

TEMPORARY RAMPS 40600990	
LOCATION	QUANTITY (SQ YD)
STA 60+49	7.0
Ron Smith Memorial Hwy (South)	37.0
1850 E Road (North)	5.0
White Tail Trace (South)	5.0
1925 E Road (North)	7.0
1925 E Road (South)	7.0
2525 N Road (West)	4.0
2100 E Road (South)	8.0
Bridge (west side)	7.0
Bridge (east side)	7.0
2140 E Road (North)	7.0
2175 E Road (North)	7.0
2200 E Road (North)	6.0
2200 E Road (North)	6.0
STA 325+10	7.0
QUANTITY TOTAL	127.0

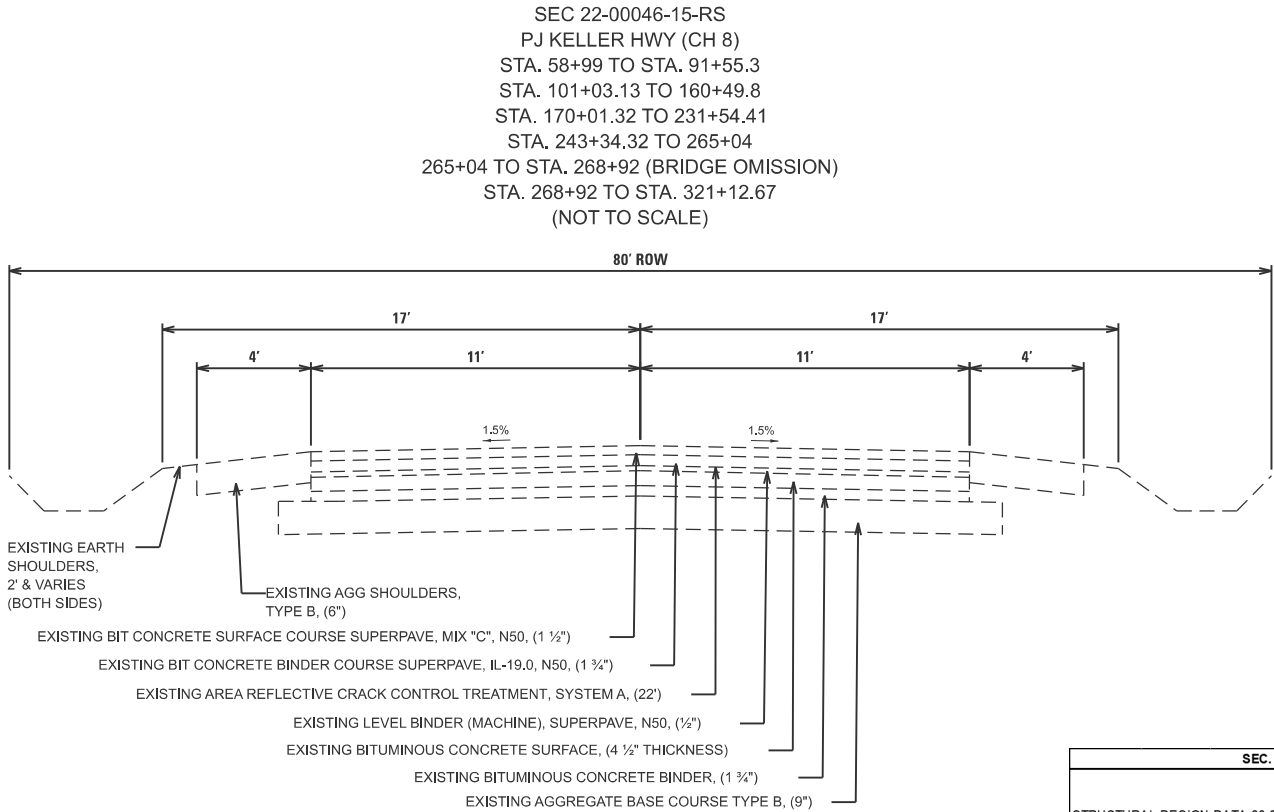
RAISE REFLECTIVE PAVEMENT MARKERS 78100100	
	STA 60+49 - STA 265+04
	STA 268+92 - STA 325+10
QUANTITY TOTAL	330 EACH

GUARDRAIL REMOVAL SCHEDULE				
LOCATION	LANE	EXISTING STATION		GUARDRAIL REMOVAL (FT) 63200310
1	RT	77+53	84+78	725
	LT	77+78	85+41	763
2	RT	163+60	165+85	225
	LT	164+24	166+49	225
3	RT	175+38	177+63	225
	LT	176+00	178+25	225
4	RT	212+05	214+17	212
	LT	212+18	214+31	213
5	RT	262+81	277+67	1160
	LT	263+58	274+85	801
6	RT	279+24	281+86	262
	LT	279+82	282+32	250
7	RT	284+67	286+92	225
	LT	285+36	287+61	225
QUANTITY TOTAL				5736

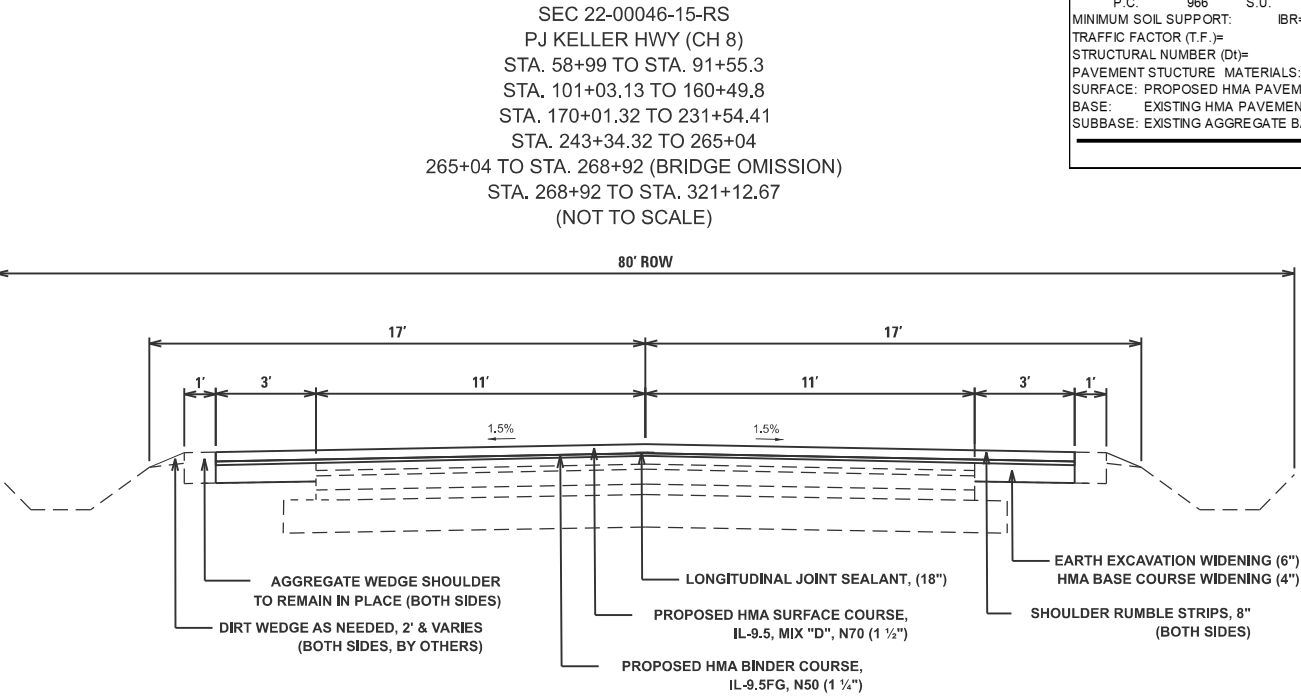
GUARDRAIL SCHEDULE								
LOCATION	LANE	PROPOSED STATION		OFFSET NEW EOP (FT)	SPBGR TY A 6' POST 63000001	SPGR ATT TO CULVERT 63000030	TRAF BAR TERM T5A 63100075 EACH TERMINAL IS 13.25 FT	TR BAR TRM T1 SPL TAN 63100167 EACH TERMINAL IS 50.0FT
1	RT	77+53	84+78	3	637.5			1
	LT	77+78	85+53	4	687.5			1
2	RT	163+48	165+98	3	150	12.5		1
	LT	164+12	166+62		150	12.5		1
3	RT	175+25	177+75	3	150	12.5		1
	LT	175+87	178+37		150	12.5		1
4	RT	211+99	214+49	3	162.5			1
	LT	212+05	214+55	4	162.5			1
5	RT	262+80	277+71	1	712.5		1	1
	LT	263+45	274+98	1	1050		1	1
6	RT	278+92	281+67	4	187.5			1
	LT	279+94	282+69		187.5			1
7	RT	284+69	286+94	4	137.5			1
	LT	285+32	287+57	5	137.5			1
QUANTITY TOTAL					4662.5 FT	50 FT	2 EACH	14 EACH

PLOT DATE = 12/2/2024	USER NAME = collin.frantz	DESIGNED - AF/SC	REVISED - CCF, 12/2/2024	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PJ KELLER (C.H. 8) SCHEDULES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CCF	REVISED -					473	22-00046-15-RS	MCLEAN	20	3
		CHECKED - LDH	REVISED -					CONTRACT NO. 91644				
		DATE - 11/20/2024	REVISED -					ILLINOIS FED.AID PROJECT				
SCALE:		SHEET 1	OF 1	SHEETS	STA.	TO STA. ____						

EXISTING TYPICAL CROSS SECTION #1

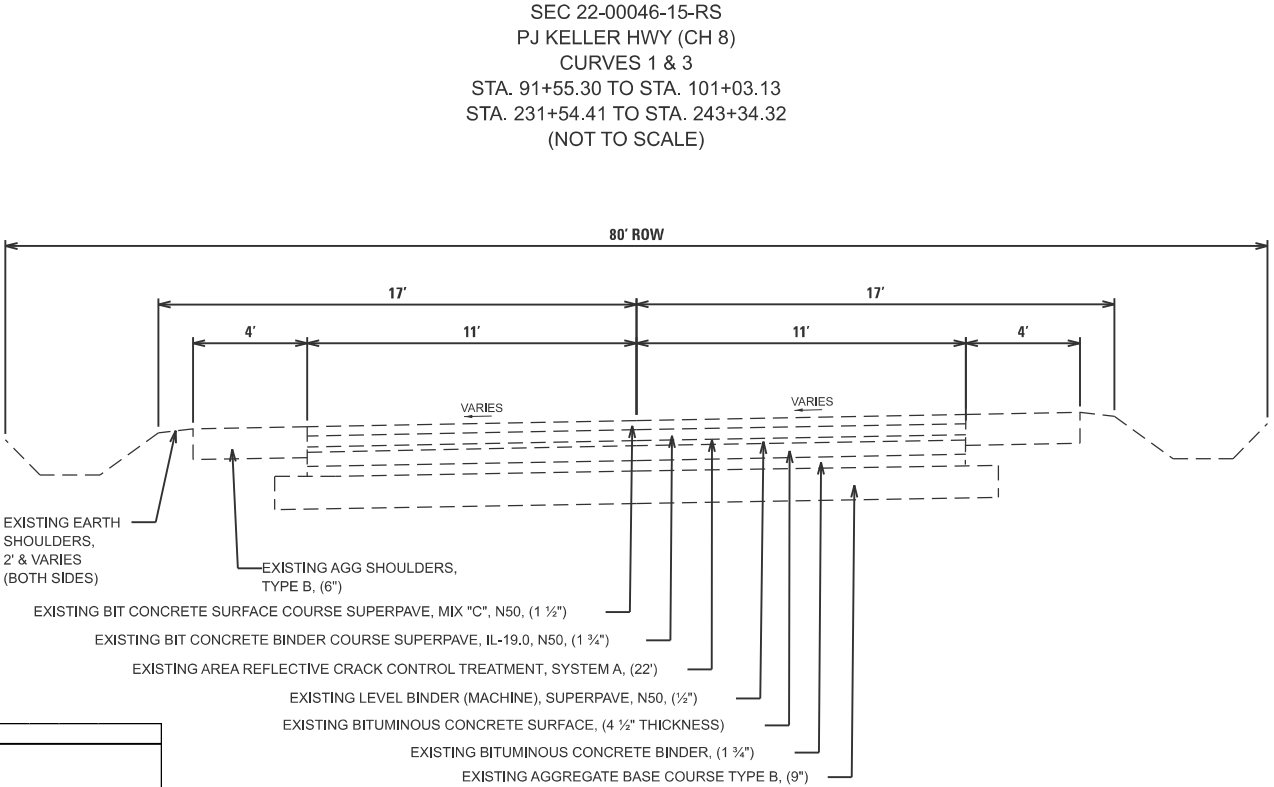


PROPOSED TYPICAL CROSS SECTION #1

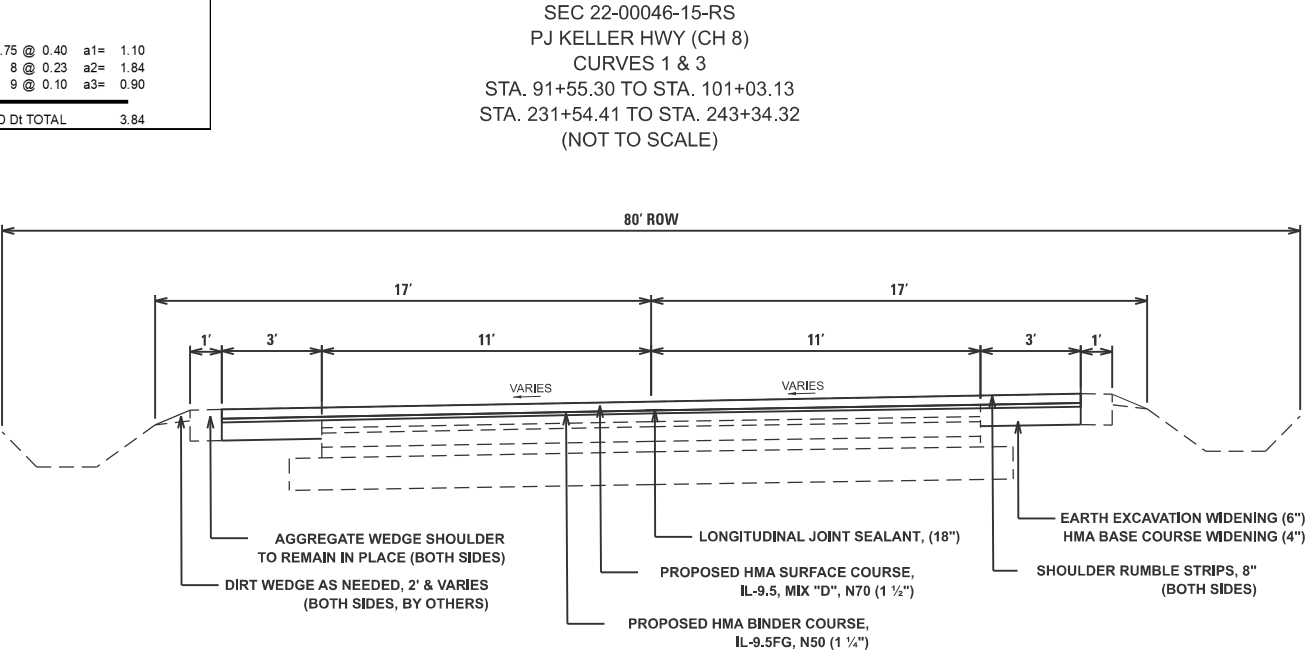


NOTES: 1. HMA SURFACE REMOVAL, 2.0" - MAINLINE PAVEMENT (22' WIDE)
2. MAINLINE HMA BINDER & SURFACE COURSES WILL BE PLACED AT 14' LANE WIDTH.

EXISTING TYPICAL CROSS SECTION #2



PROPOSED TYPICAL CROSS SECTION #2



NOTES: 1. HMA SURFACE REMOVAL, 2.0" - MAINLINE PAVEMENT (22' WIDE)
2. MAINLINE HMA BINDER & SURFACE COURSES WILL BE PLACED AT 14' LANE WIDTH.

SEC. 22-00046-15-RS: PJ KELLER HIGHWAY (CH 8)					
~840' E of 1775E ROAD TO 2225E ROAD					
STRUCTURAL DESIGN DATA 80,000#					
CLASS II ROAD DESIGN PERIOD 20 YEARS					
CURRENT A.D.T. 900					
STUCTURAL DESIGN TRAFFIC: 1098 YEAR: 2044					
PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:					
P.C.	88%	S.U.	7%	M.U.	5%
P.C.	966	S.U.	77	M.U.	55
MINIMUM SOIL SUPPORT: IBR= 3.0					
TRAFFIC FACTOR (T.F.)= 0.299					
STRUCTURAL NUMBER (Dl)= 3.45					
PAVEMENT STUCTURE MATERIALS:					
SURFACE: PROPOSED HMA PAVEMENT 2.75 @ 0.40 a1= 1.10					
BASE: EXISTING HMA PAVEMENT 8 @ 0.23 a2= 1.84					
SUBBASE: EXISTING AGGREGATE BASE COURSE 9 @ 0.10 a3= 0.90					
PROPOSED Dl TOTAL					3.84

MODEL: Typical XS 1 [Sheet]
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PLOT DATE = 12/3/2024	USER NAME = collin.frantz	DESIGNED - AF/SC	REVISED - CCF, 12/2/2024
		DRAWN - CCF	REVISED -
		CHECKED - LDH	REVISED -
	DATE - 11/20/2024	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
TYPICAL CROSS SECTIONS

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

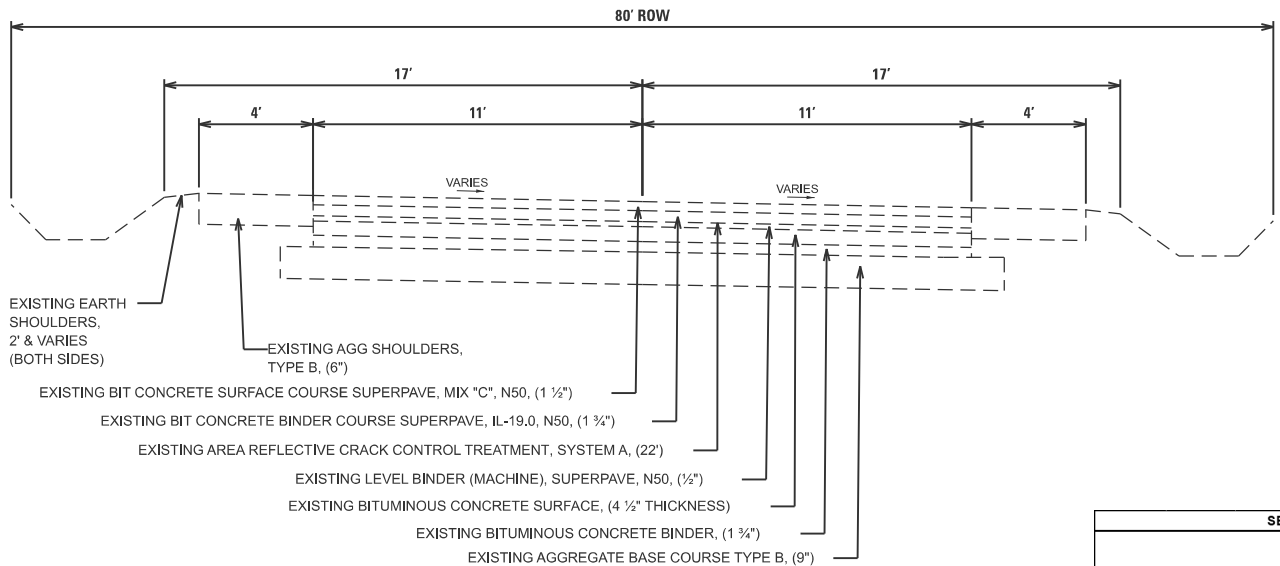
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	4
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: Typical XS 2 [Sheet]
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EXISTING TYPICAL CROSS SECTION #3

SEC 22-00046-15-RS
PJ KELLER HWY (CH 8)
CURVES 2 & 4*
STA. 160+49.80 TO STA. 170+01.32
*STA. 321+12.67 TO STA. 332+79.07
(NOT TO SCALE)

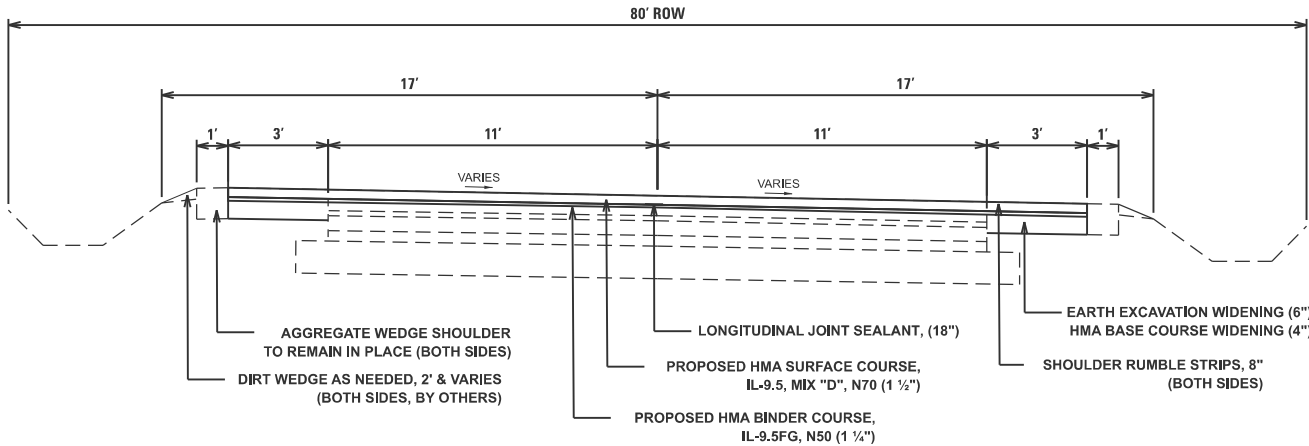
*STA. 324+90 = END OF MAINLINE PAVING. STA. 324+90 TO 402+63 = PAVED SHOULDER ONLY.



PROPOSED TYPICAL CROSS SECTION #3

SEC 22-00046-15-RS
PJ KELLER HWY (CH 8)
CURVES 2 & 4*
STA. 160+49.80 TO STA. 170+01.32
*STA. 321+12.67 TO STA. 332+79.07
(NOT TO SCALE)

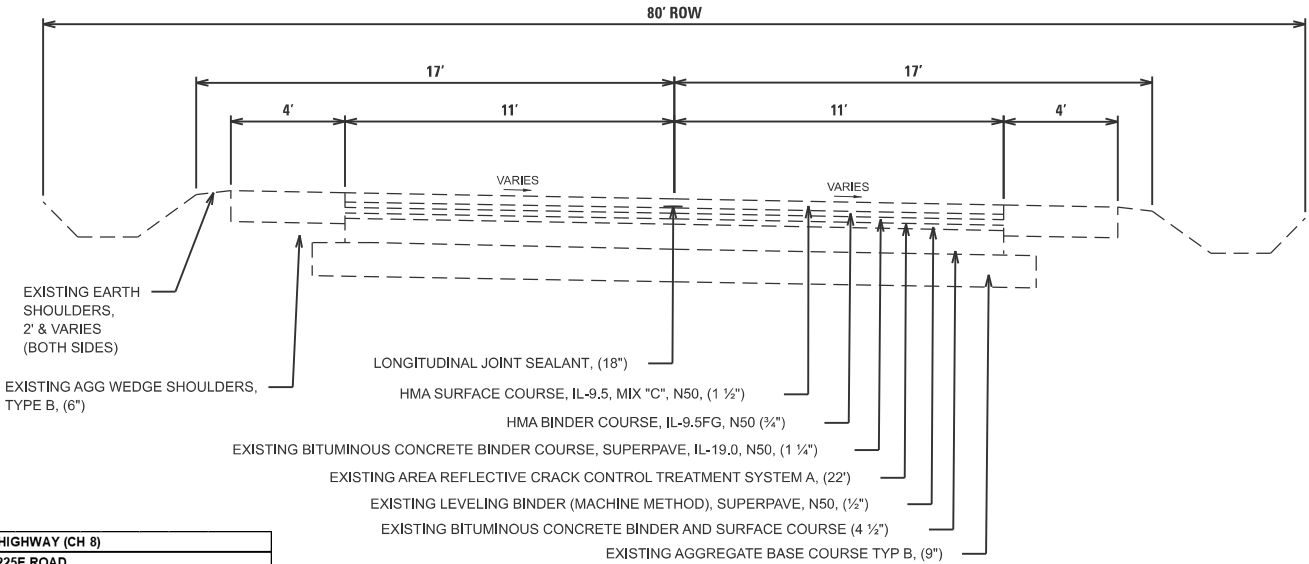
*STA. 324+90 = END OF MAINLINE PAVING. STA. 324+90 TO 402+63 = PAVED SHOULDER ONLY.



NOTES: 1. HMA SURFACE REMOVAL, 2.0" - MAINLINE PAVEMENT (22' WIDE)
2. MAINLINE HMA BINDER & SURFACE COURSES WILL BE PLACED AT 14' LANE WIDTH.

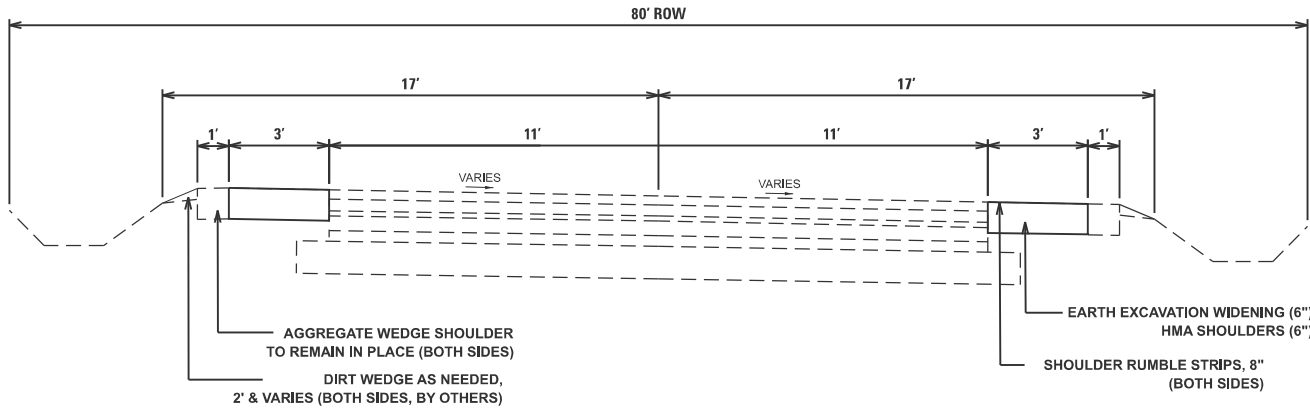
EXISTING TYPICAL CROSS SECTION #4

SEC 22-00046-15-RS
PJ KELLER HWY (CH 8)
CURVE 5
STA. 338+79.96 TO STA. 350+73.49
(NOT TO SCALE)



PROPOSED TYPICAL CROSS SECTION #4

SEC 22-00046-15-RS
PJ KELLER HWY (CH 8)
CURVE 5
STA. 338+79.96 TO STA. 350+73.49
(NOT TO SCALE)



SEC. 22-00046-15-RS: PJ KELLER HIGHWAY (CH 8)					
~840' E of 1775E ROAD TO 2225E ROAD					
STRUCTURAL DESIGN DATA 80,000#					
CLASS II ROAD	DESIGN PERIOD 20 YEARS				
CURRENT A.D.T.	900				
STUCTURAL DESIGN TRAFFIC:	1098	YEAR:	2044		
PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:					
P.C.	88%	S.U.	7%	M.U.	5%
P.C.	966	S.U.	77	M.U.	55
MINIMUM SOIL SUPPORT:	IBR=	3.0			
TRAFFIC FACTOR (T.F.)=	0.299				
STRUCTURAL NUMBER (D1)=	3.45				
PAVEMENT STUCTURE MATERIALS:					
SURFACE: PROPOSED HMA PAVEMENT	2.75 @ 0.40	a1=	1.10		
BASE: EXISTING HMA PAVEMENT	8 @ 0.23	a2=	1.84		
SUBBASE: EXISTING AGGREGATE BASE COURSE	9 @ 0.10	a3=	0.90		
PROPOSED D1 TOTAL				3.84	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

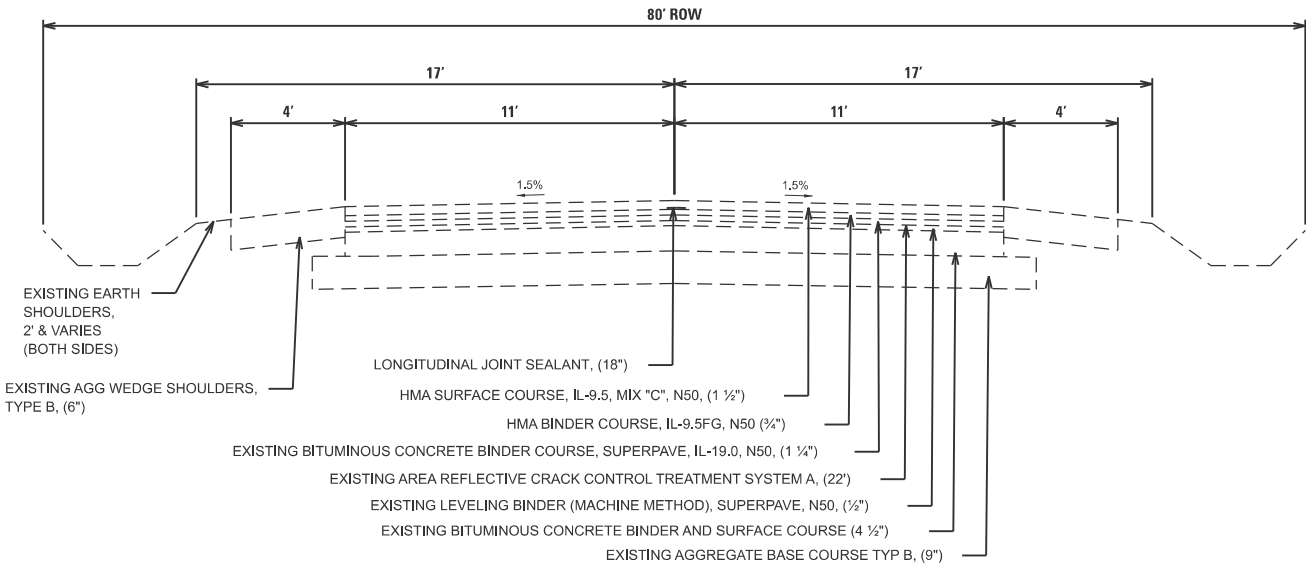
PJ KELLER (C.H. 8)
TYPICAL CROSS SECTIONS

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	5
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

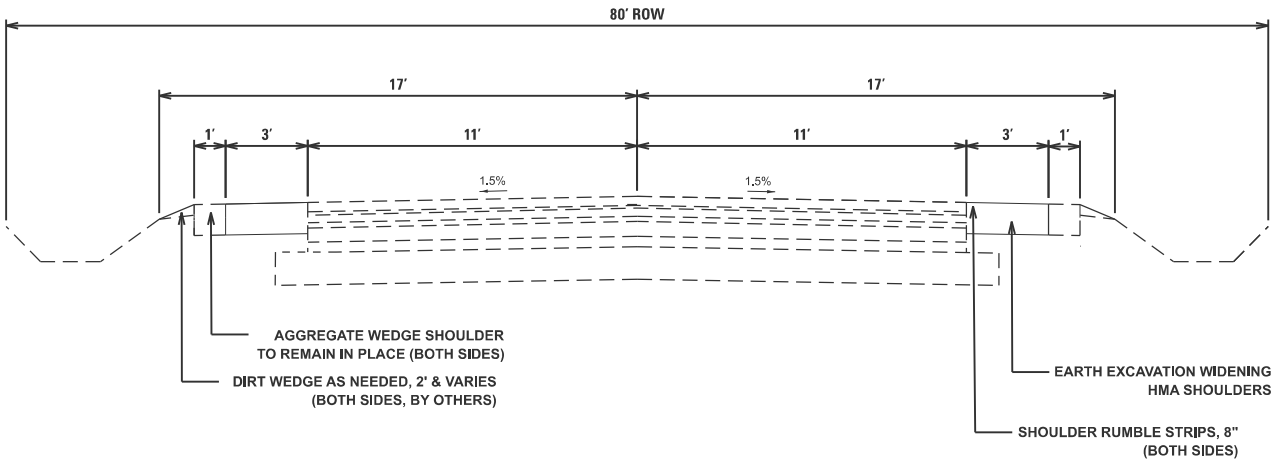
EXISTING TYPICAL CROSS SECTION #5

SEC 22-00046-15-RS
PJ KELLER HWY (CH 8)
STA. 332+79.07 TO 338+79.96
STA. 350+73.49 TO 402+70
(NOT TO SCALE)



PROPOSED TYPICAL CROSS SECTION #5

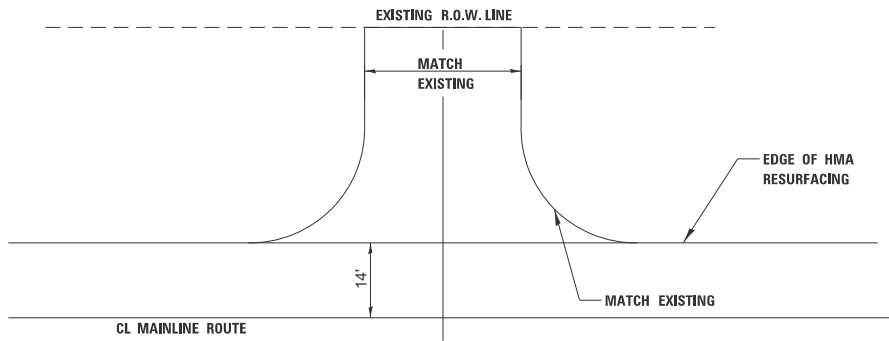
SEC 22-00046-15-RS
PJ KELLER HWY (CH 8)
STA. 332+79.07 TO 338+79.96
STA. 350+73.49 TO 402+70
(NOT TO SCALE)



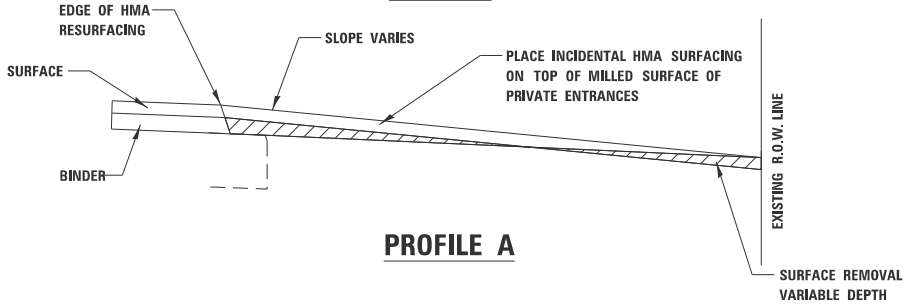
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	USER NAME = collin.frantz	DESIGNED - AF/SC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PJ KELLER (C.H. 8) TYPICAL CROSS SECTIONS			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CCF	REVISED -					473	22-00046-15-RS	MCLEAN	20	6
		CHECKED - LDH	REVISED -					CONTRACT NO. 91644				
	PLOT DATE = 12/2/2024	DATE - 11/20/2024	REVISED -		SCALE:	SHEET 3	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

TYPICAL RURAL PRIVATE ENTRANCE

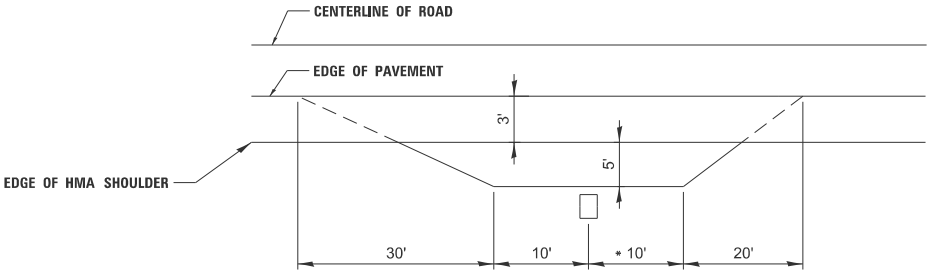


PLAN A

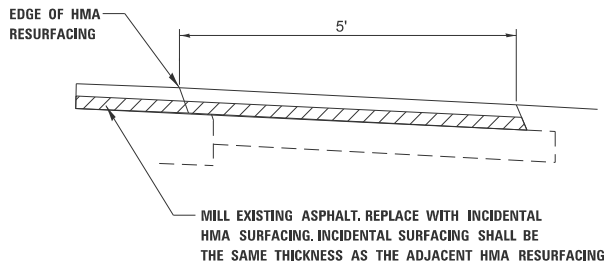


PROFILE A

TYPICAL RURAL MAILBOX TURNOUT

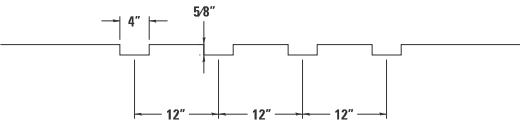


PLAN B



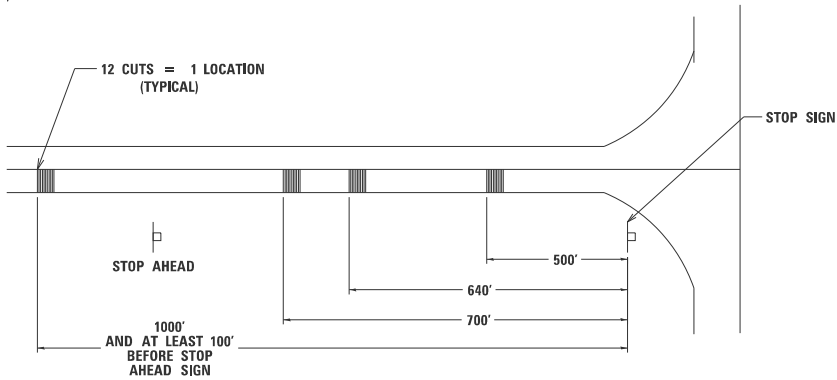
PROFILE B

SAW CUT RUMBLE STRIP STANDARD

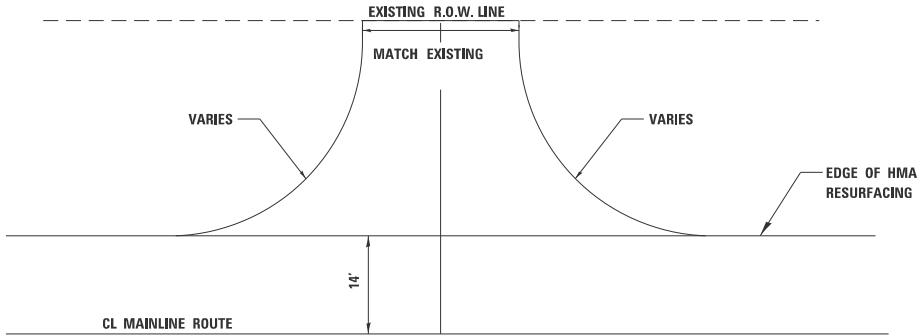


NOTES:

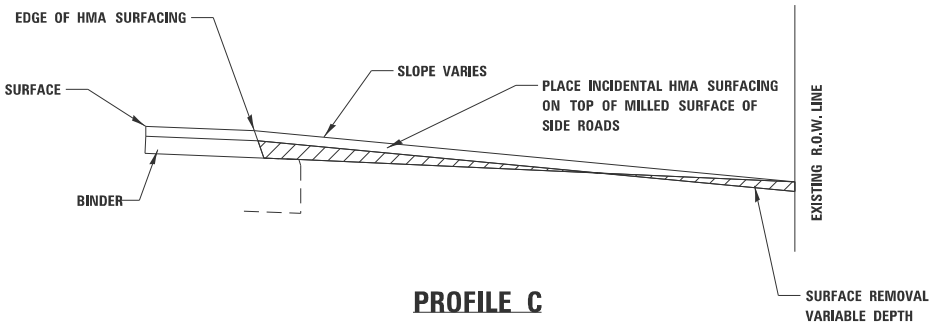
- 1) SAWCUTS 4" WIDE X 5/8" DEEP ON 12" CENTERS
- 2) MEASUREMENTS FROM STOP SIGN TO FAR END OF RUMBLE STRIP
- 3) MUST BE CUT AFTER SHOULDERS



TYPICAL SIDE ROAD DETAIL

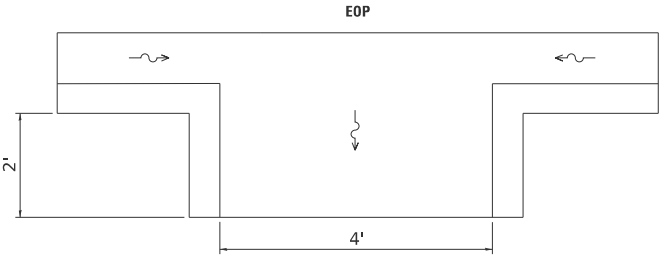


PLAN C

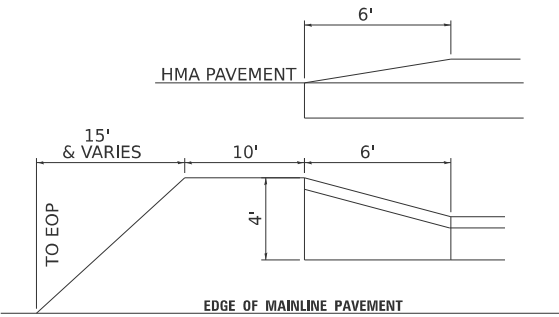


PROFILE C

CURB OUTLET DETAIL



CURB & GUTTER FLARE DETAIL



NOTE: CURB & GUTTER OUTLETS WILL BE PAID FOR AS COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 OR TYPE M-6.18 AND MEASURED ALONG FACE OF CURB FOR PAYMENT BY THE FOOT AND IS INCLUDED IN PLAN QUANTITY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

NOTES:

1. ALL SIDE ROAD RETURNS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES AND RURAL MAILBOX TURNOUTS ARE TO BE CONSTRUCTED AND PAID FROM INCIDENTAL HOT-MIX ASPHALT SURFACING.

MODEL: Miscellaneous Details
FILE NAME: X:\County\Roads\CH 8\22-00046-15-RS - PJ Keller - Stallway to 2225 North Rd - 2025\Design\Drawings\Plan Sheets\22-00046-15-RS - PJ Keller_Misc_Details.dgn

USER NAME = collin.frantz	DESIGNED - AF/SC	REVISED -
	DRAWN - CCF	REVISED -
	CHECKED - LDH	REVISED -
PLOT DATE = 12/2/2024	DATE - 11/20/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
MISCELLANEOUS DETAILS

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

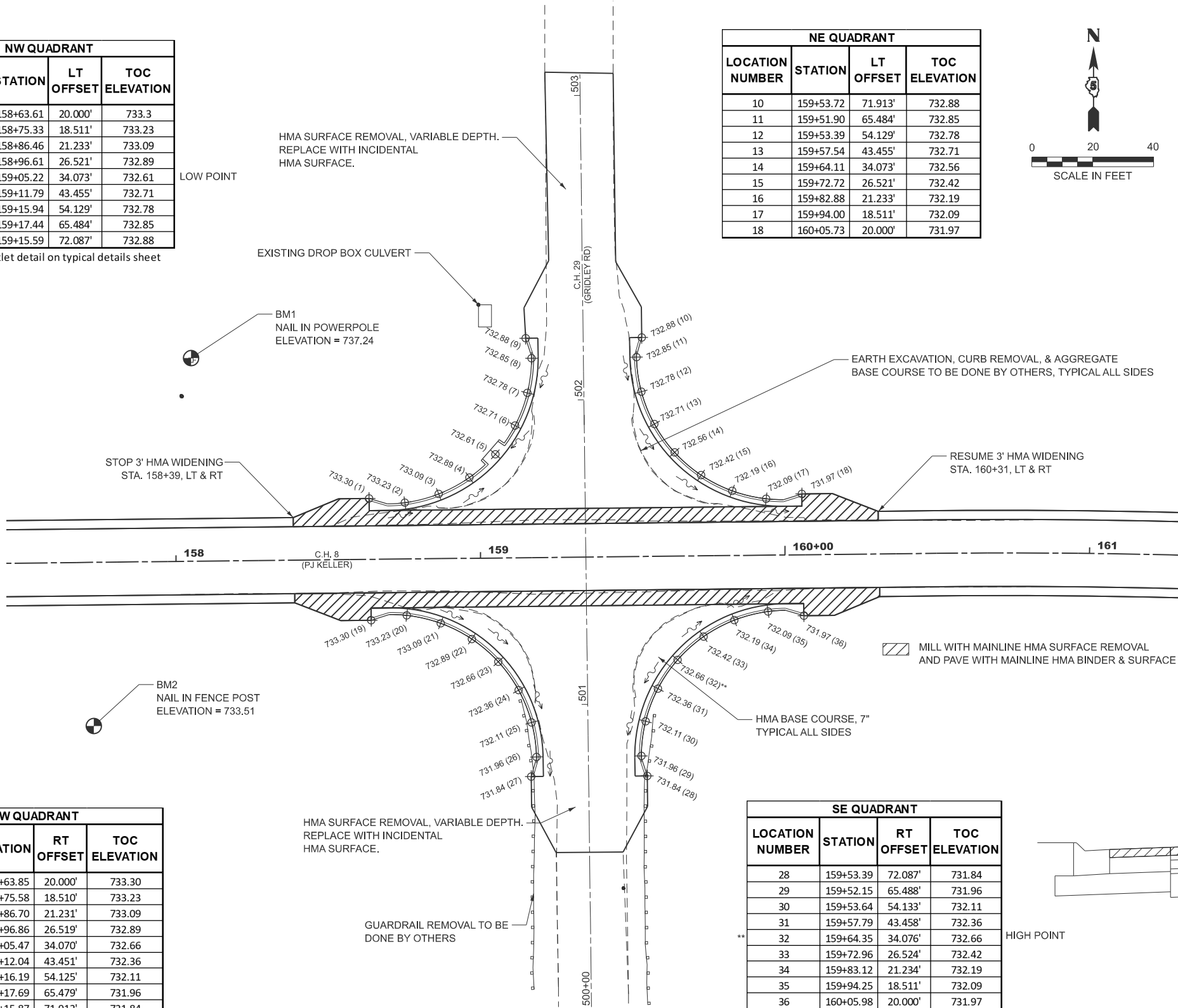
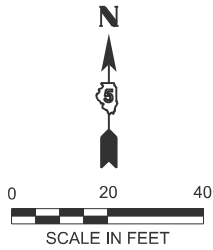
F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	7
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8-CH29 Intersection [Sheet]
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NW QUADRANT			
LOCATION NUMBER	STATION	LT OFFSET	TOC ELEVATION
1	158+63.61	20.000'	733.3
2	158+75.33	18.511'	733.23
3	158+86.46	21.233'	733.09
4	158+96.61	26.521'	732.89
5	159+05.22	34.073'	732.61
6	159+11.79	43.455'	732.71
7	159+15.94	54.129'	732.78
8	159+17.44	65.484'	732.85
9	159+15.59	72.087'	732.88

*See gutter outlet detail on typical details sheet

NE QUADRANT			
LOCATION NUMBER	STATION	LT OFFSET	TOC ELEVATION
10	159+53.72	71.913'	732.88
11	159+51.90	65.484'	732.85
12	159+53.39	54.129'	732.78
13	159+57.54	43.455'	732.71
14	159+64.11	34.073'	732.56
15	159+72.72	26.521'	732.42
16	159+82.88	21.233'	732.19
17	159+94.00	18.511'	732.09
18	160+05.73	20.000'	731.97



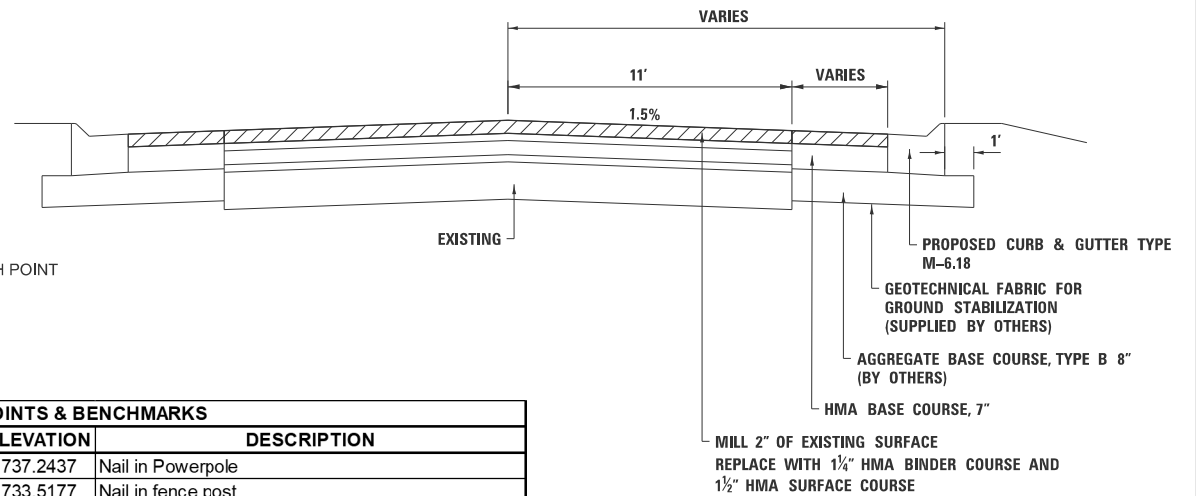
SW QUADRANT			
LOCATION NUMBER	STATION	RT OFFSET	TOC ELEVATION
19	158+63.85	20.000'	733.30
20	158+75.58	18.510'	733.23
21	158+86.70	21.231'	733.09
22	158+96.86	26.519'	732.89
23	159+05.47	34.070'	732.66
24	159+12.04	43.451'	732.36
25	159+16.19	54.125'	732.11
26	159+17.69	65.479'	731.96
27	159+15.87	71.913'	731.84

SE QUADRANT			
LOCATION NUMBER	STATION	RT OFFSET	TOC ELEVATION
28	159+53.39	72.087'	731.84
29	159+52.15	65.488'	731.96
30	159+53.64	54.133'	732.11
31	159+57.79	43.458'	732.36
32	159+64.35	34.076'	732.66
33	159+72.96	26.524'	732.42
34	159+83.12	21.234'	732.19
35	159+94.25	18.511'	732.09
36	160+05.98	20.000'	731.97

CONTROL POINTS & BENCHMARKS					
POINT NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION	
BM1	1453632.813	827071.9473	737.2437	Nail in Powerpole	
BM2	1453512.007	827040.0033	733.5177	Nail in fence post	
CP1	1453650.341	827166.3127	728.6384	Chiseled X in NW corner of drop box	
CP2	1453881.348	827211.4324	734.1466	Nail in field entrance pavement North of intersection	
CP3	1453458.695	827213.9066	731.4165	Nail in pavement South of intersection	
CP4	1453620.312	827068.8213	737.7353	Top of R.O.W. marker	

*Geoid Model g2018u3 was used during this survey

INTERSECTION CROSS SECTION DETAIL C.H. 8 & C.H. 29 INTERSECTION



PLOT DATE	USER NAME	DESIGNED	REVISED
	= collin.frantz	- AF/SC	-
		DRAWN	REVISED
		- CCF	-
		CHECKED	REVISED
		- LDH	-
	DATE		REVISED
	= 12/2/2024	- 11/20/2024	-

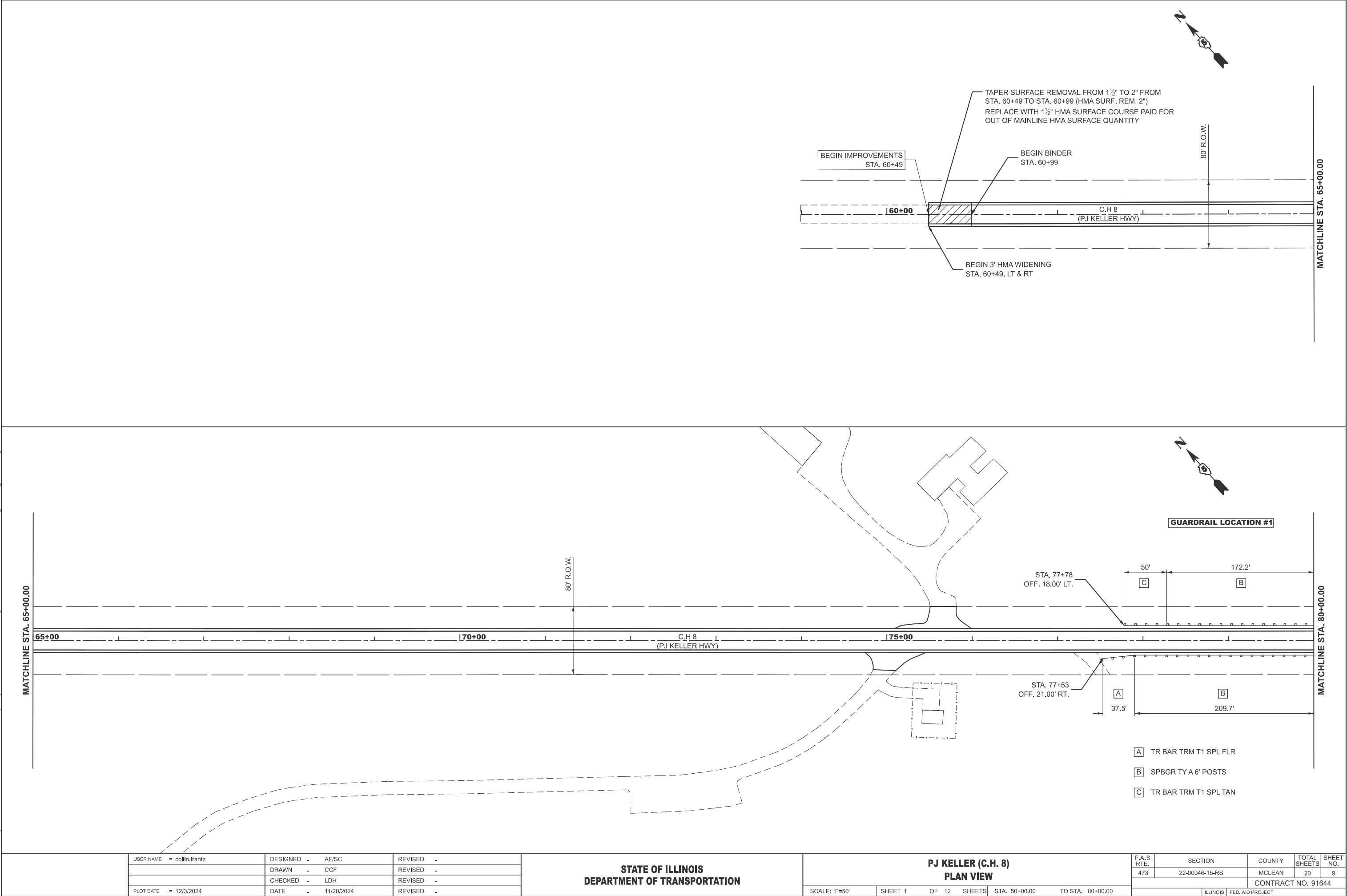
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
GRIDLEY RD (C.H. 29) INTERSECTION

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

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	8
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8_CL - Plan View-1 Sheet
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USER NAME	= collin.frantz	DESIGNED -	AF/SC	REVISED -	
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PLOT DATE	= 12/3/2024	DATE	= 11/20/2024	REVISED -	

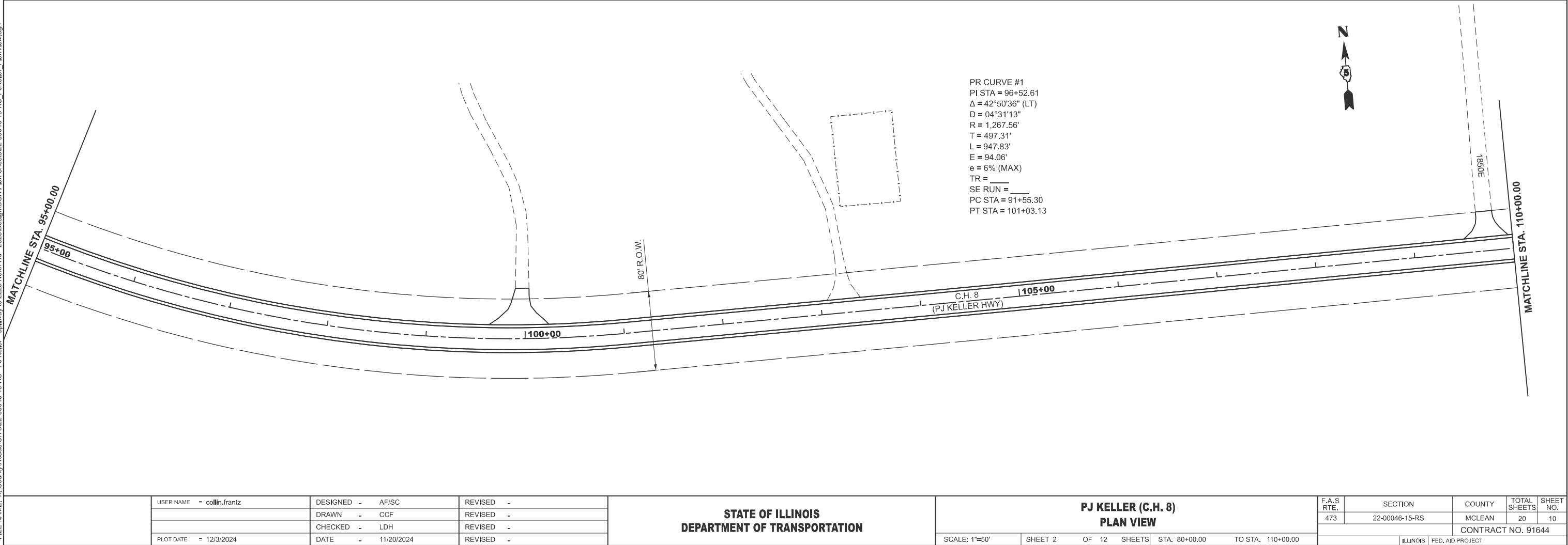
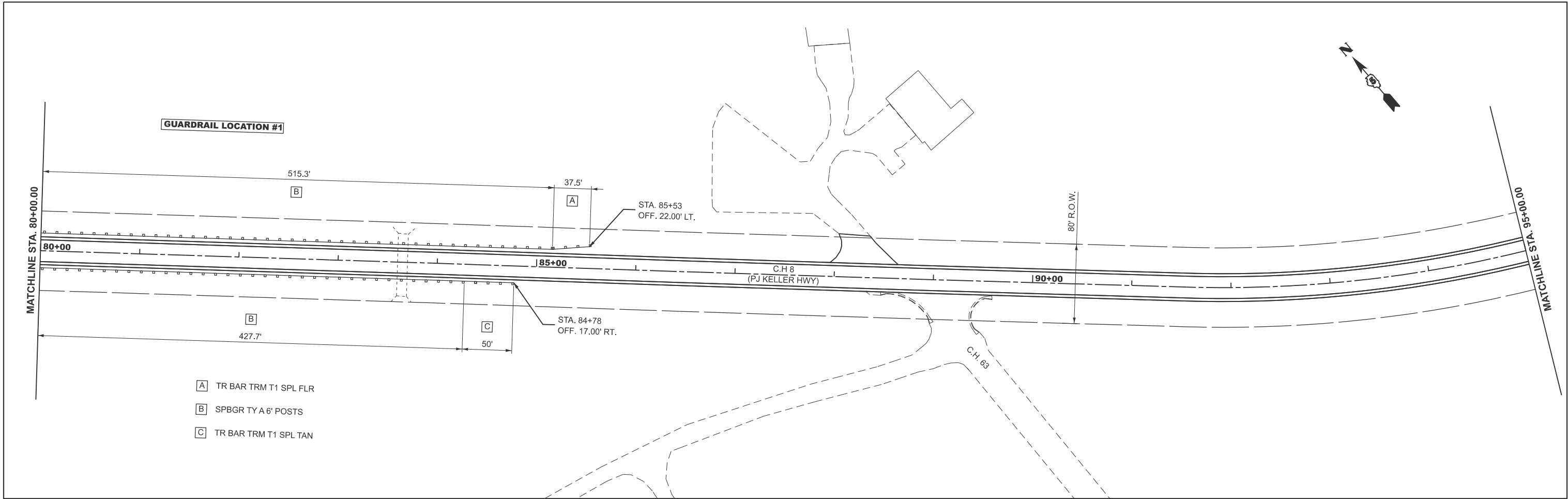
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

SCALE: 1"=50' SHEET 1 OF 12 SHEETS STA. 50+00.00 TO STA. 80+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	9
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8_CL - Plan View-2 Sheet
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PLOT DATE	= 12/3/2024	USER NAME	= collin.frantz	DESIGNED	- AF/SC	REVISED	-
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		DATE	- 11/20/2024	REVISED	-		

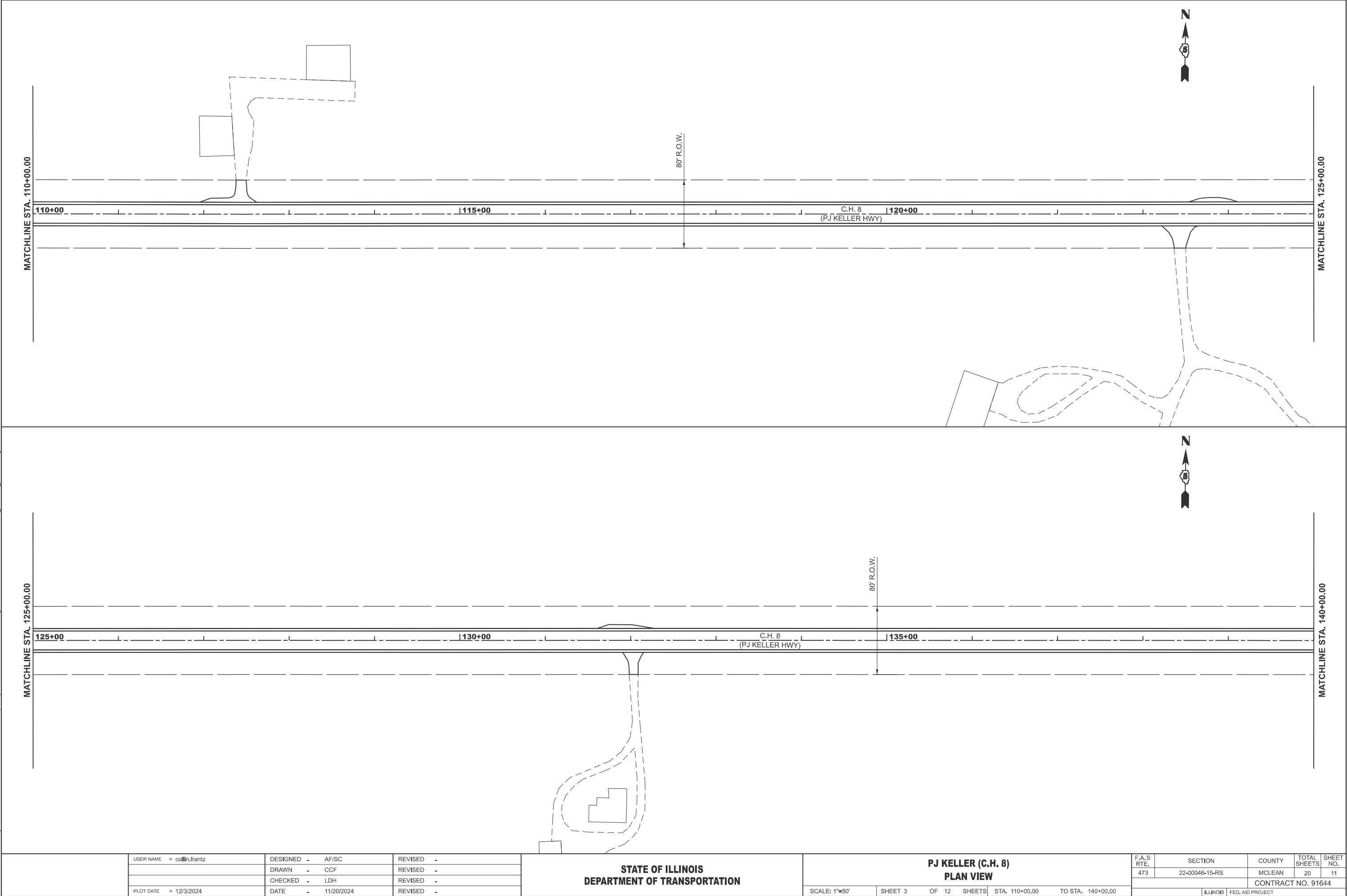
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

SCALE: 1"=50' SHEET 2 OF 12 SHEETS STA. 80+00.00 TO STA. 110+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	10
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8_CL - Plan View.dwg
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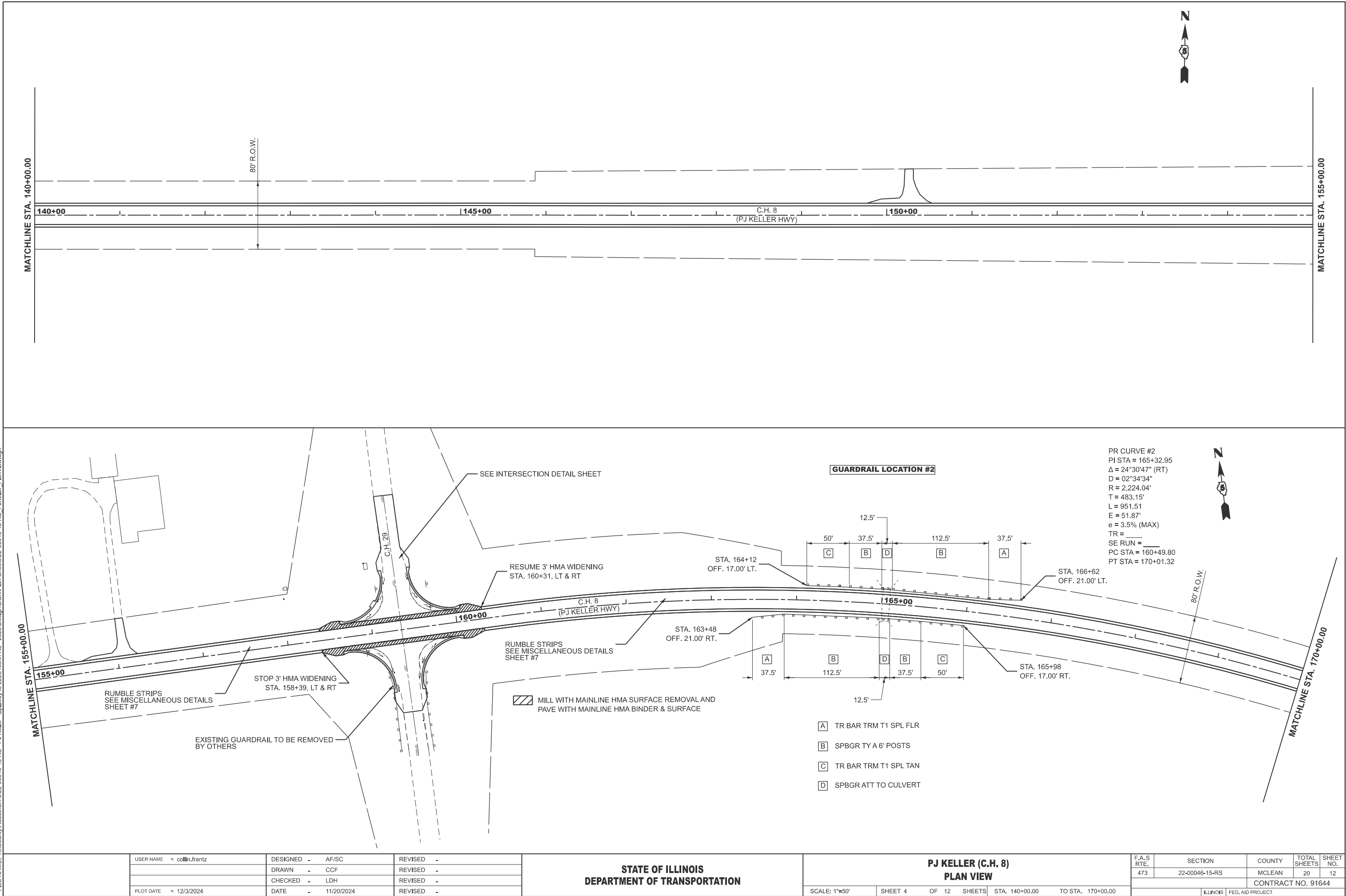
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		DATE	- 11/20/2024	REVISED	-		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

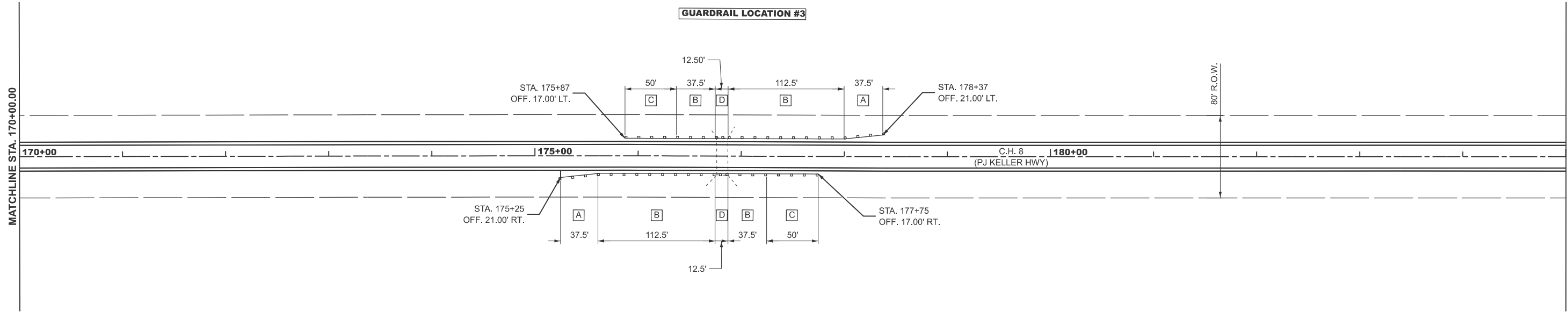
PJ KELLER (C.H. 8) PLAN VIEW			
SCALE: 1"=50'	SHEET 3	OF 12 SHEETS	STA. 110+00.00 TO STA. 140+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	11
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

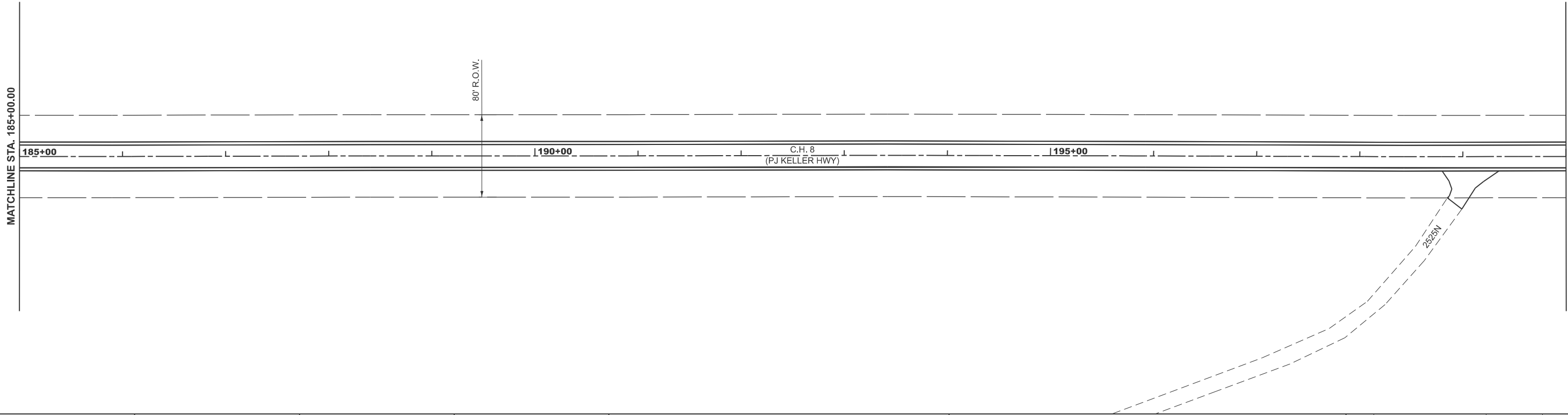
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- A** TR BAR TRM T1 SPL FLR
- B** SPBGR TY A 6' POSTS
- C** TR BAR TRM T1 SPL TAN
- D** SPBGR ATT TO CULVERT



	USER NAME	= collin.frantz	DESIGNED	-	AF/SC	REVISED	-
	DRAWN	-	CCF	REVISED	-		
	CHECKED	-	LDH	REVISED	-		
	PLOT DATE	= 12/3/2024	DATE	-	11/20/2024	REVISED	-

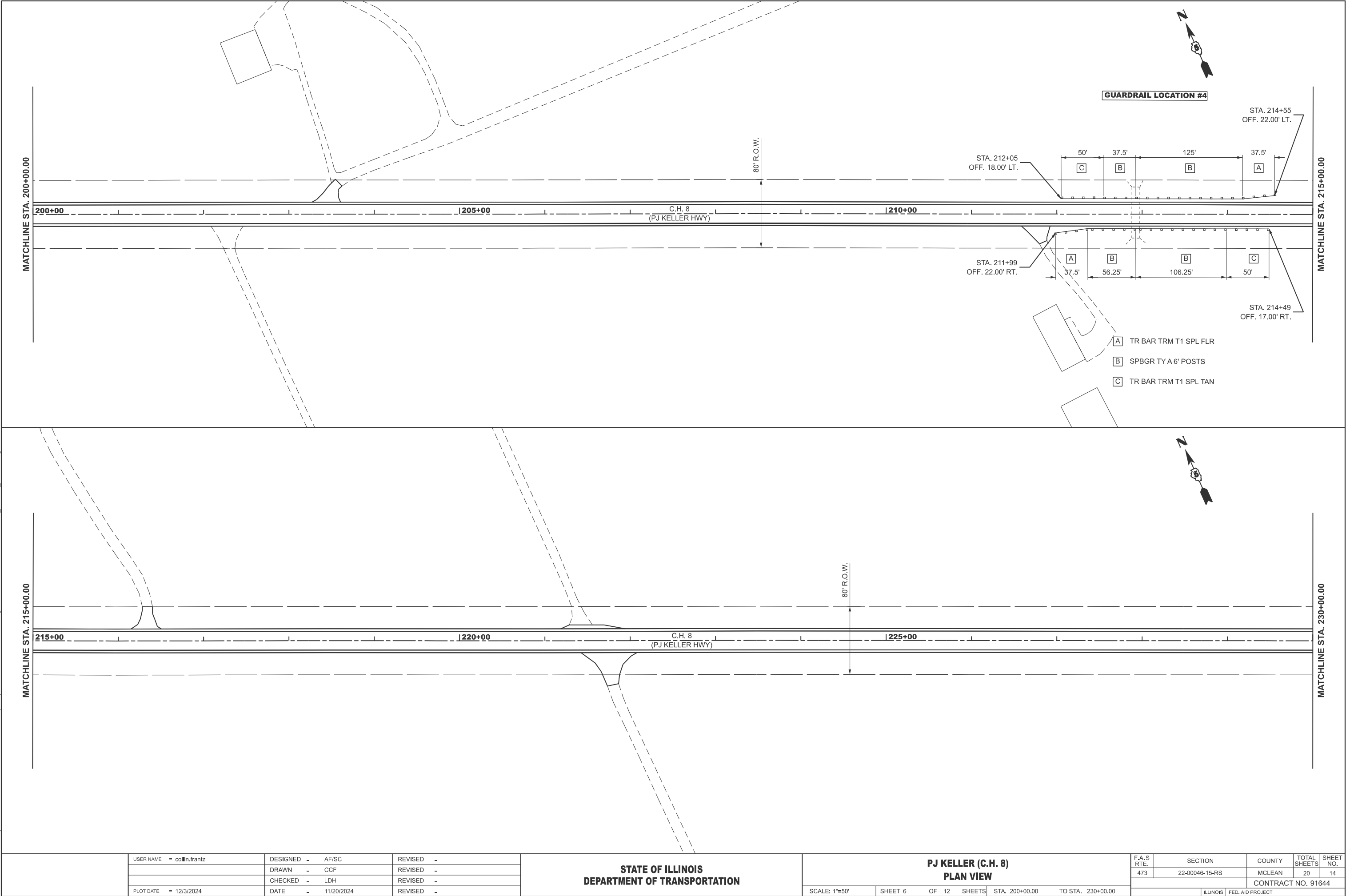
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

SCALE: 1"=50' SHEET 5 OF 12 SHEETS STA. 170+00.00 TO STA. 200+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	13
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8_CL - Plan View-10 Street
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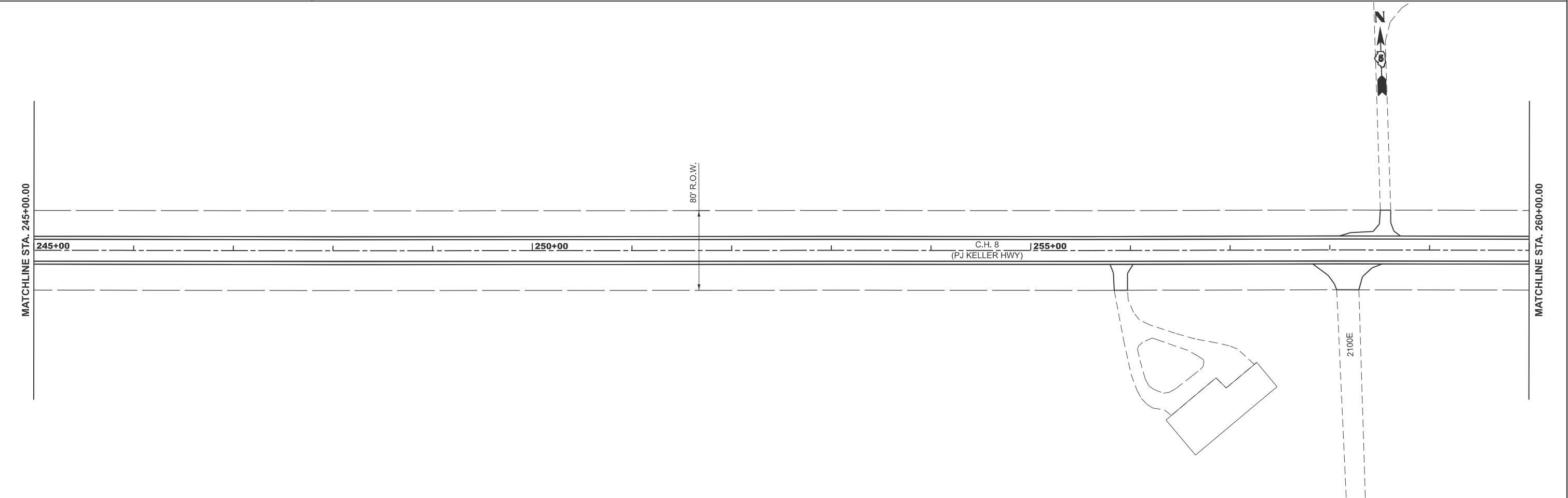
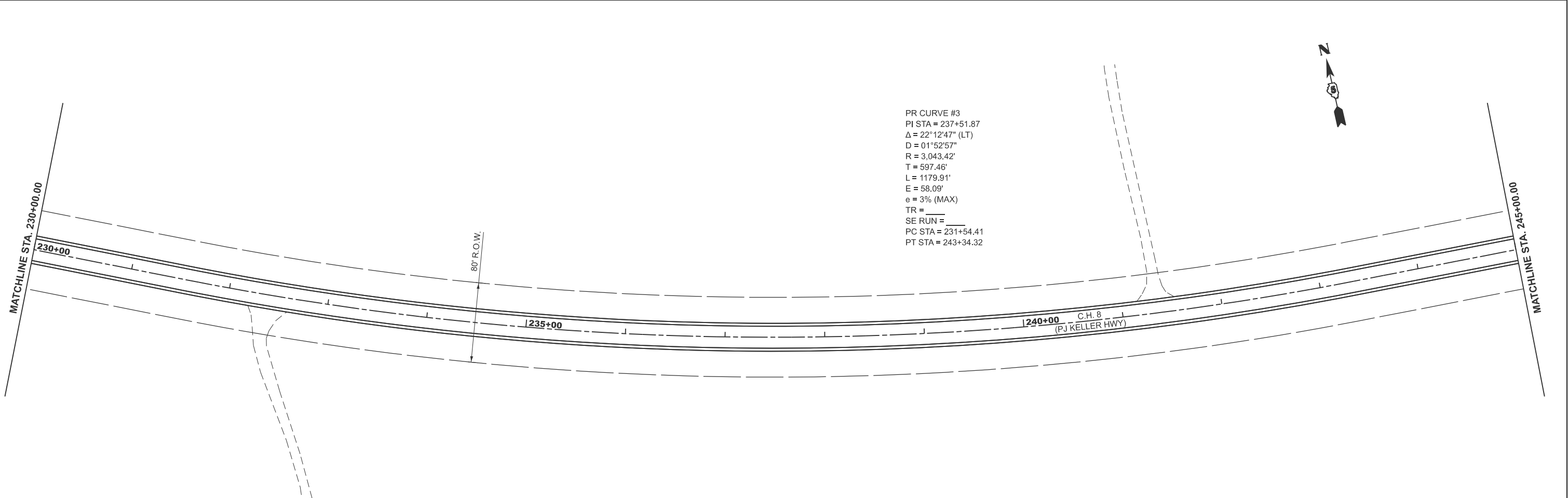
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			DRAWN - CCF	REVISED -
			CHECKED - LDH	REVISED -
	DATE = 12/3/2024		DATE - 11/20/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	14
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8_CL - Plan View-12 Sheet
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PLOT DATE	USER NAME = collin.frantz		DESIGNED - AF/SC	REVISED -
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	DATE = 12/3/2024		DATE - 11/20/2024	REVISED -

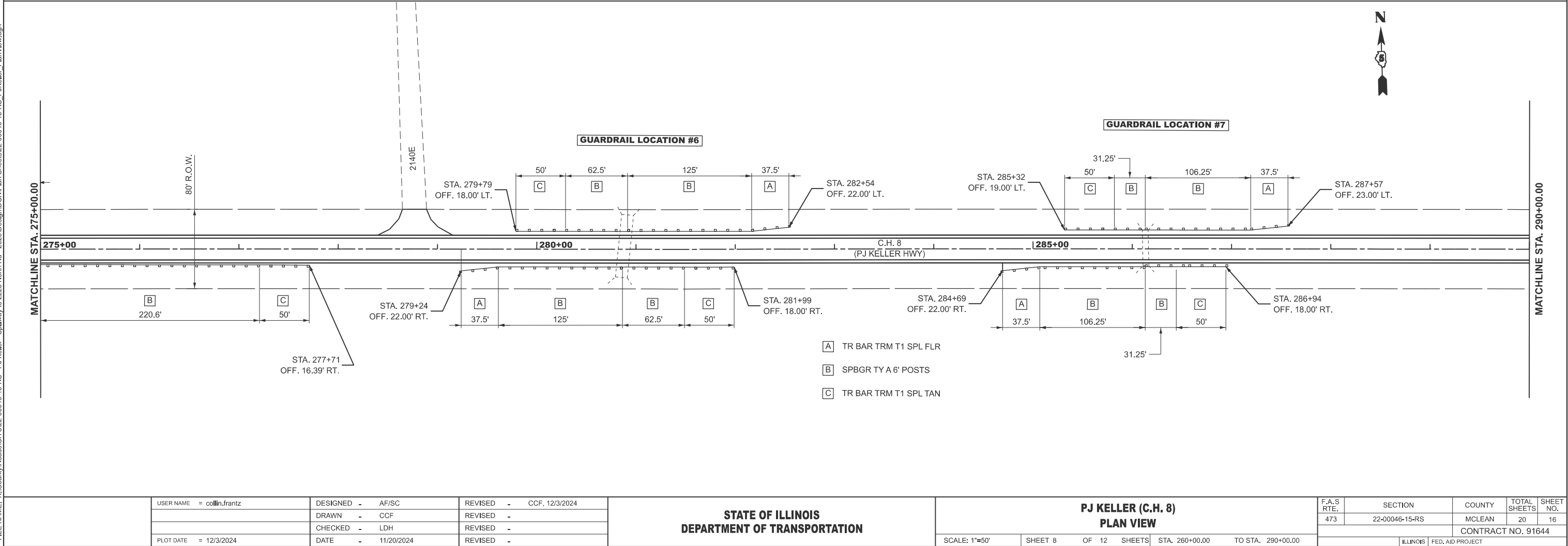
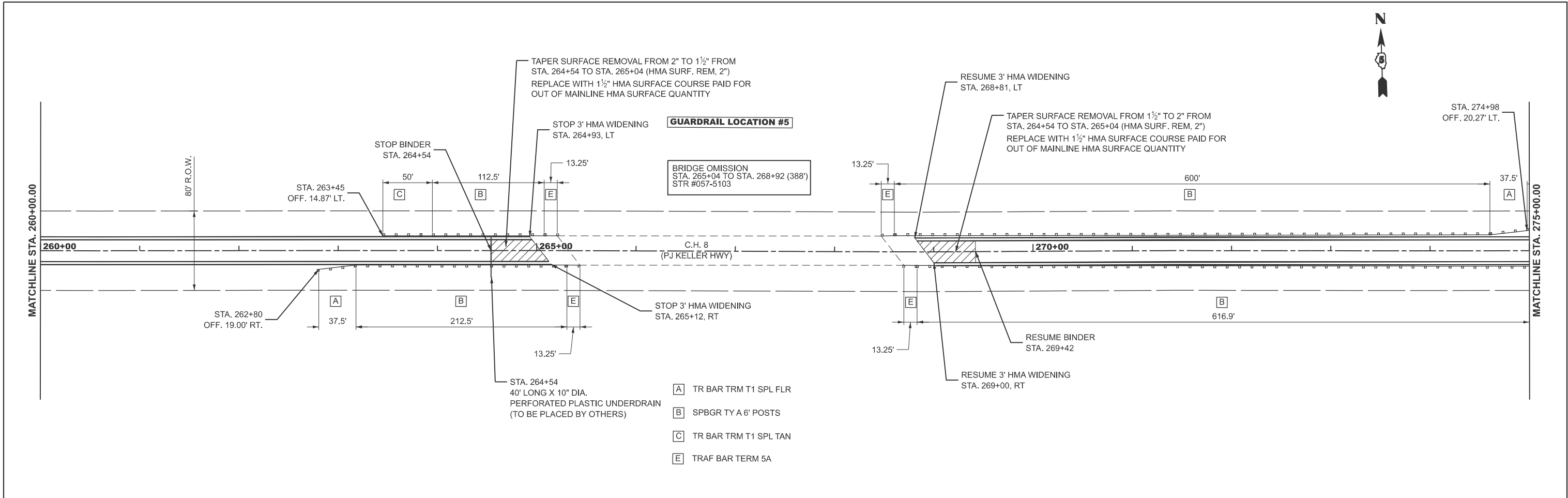
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

SCALE: 1"=50' SHEET 7 OF 12 SHEETS STA. 230+00.00 TO STA. 260+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	15
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8_CL - Plan View-14 Sheet
FILE NAME: X:\County\Roads\CH 8\22-00046-15-RS - PJ Keller - Spillway to 2225 North Rd - 2025\Design\IGN\Plan Sheets\22-00046-15-RS_PJ Keller_PlanView.dgn



PLOT DATE	USER NAME = collin.frantz		DESIGNED - AF/SC	REVISED - CCF, 12/3/2024
			DRAWN - CCF	REVISED -
			CHECKED - LDH	REVISED -
	DATE = 12/3/2024		DATE - 11/20/2024	REVISED -

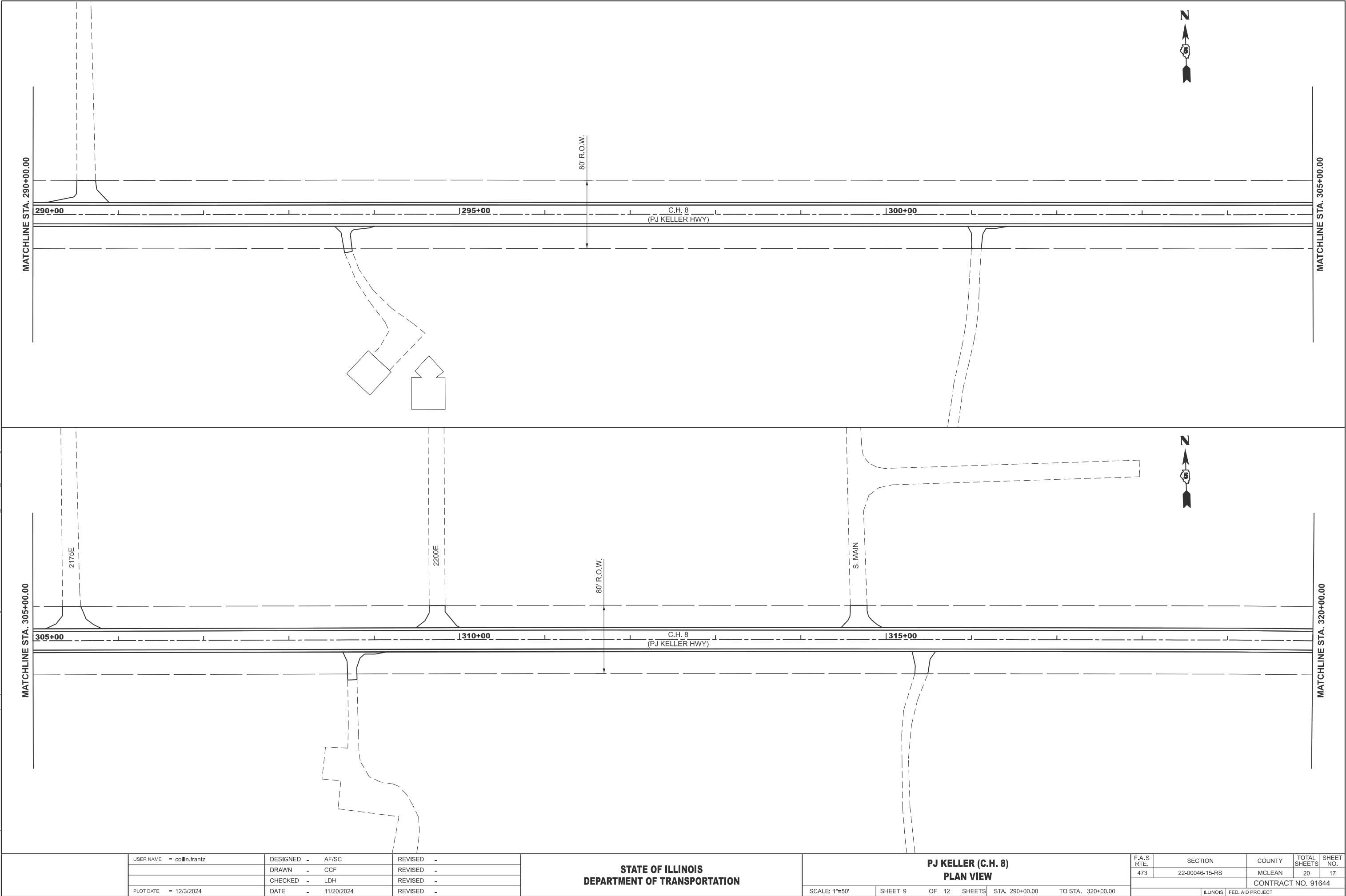
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

SCALE: 1"=50' SHEET 8 OF 12 SHEETS STA. 260+00.00 TO STA. 290+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	16
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8.CL - Plan View-16 Sheet
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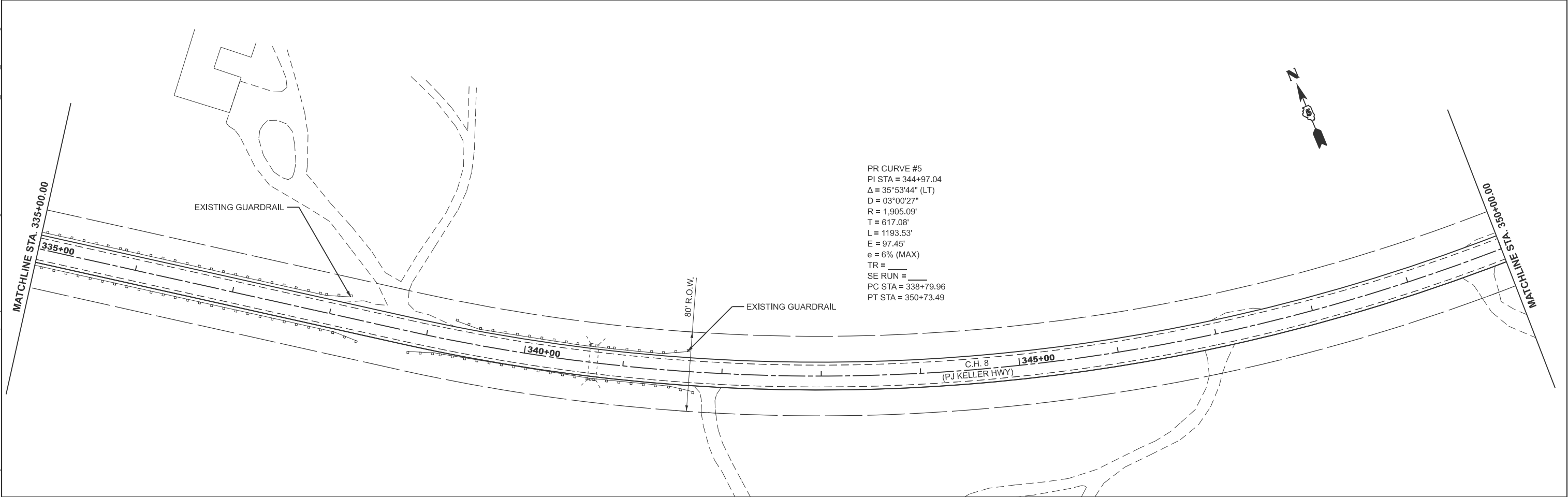
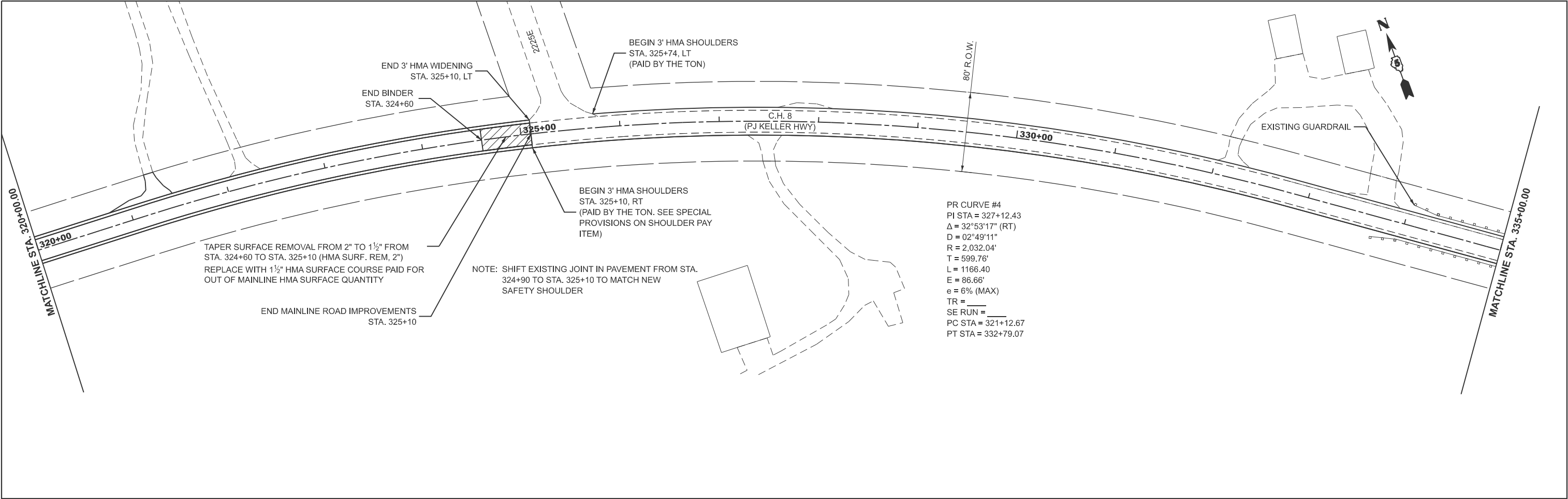
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		CHECKED	- LDH	REVISION	-	REVISION	-
		DATE	- 11/20/2024	REVISION	-	REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

SCALE: 1"=50' SHEET 9 OF 12 SHEETS STA. 290+00.00 TO STA. 320+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	17
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				



MODEL: CH8_CL - Plan View-18 Sheet
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PLOT DATE = 12/3/2024	USER NAME = collin.frantz	DESIGNED - AF/SC	REVISED -
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	DATE - 11/20/2024		REVISED -

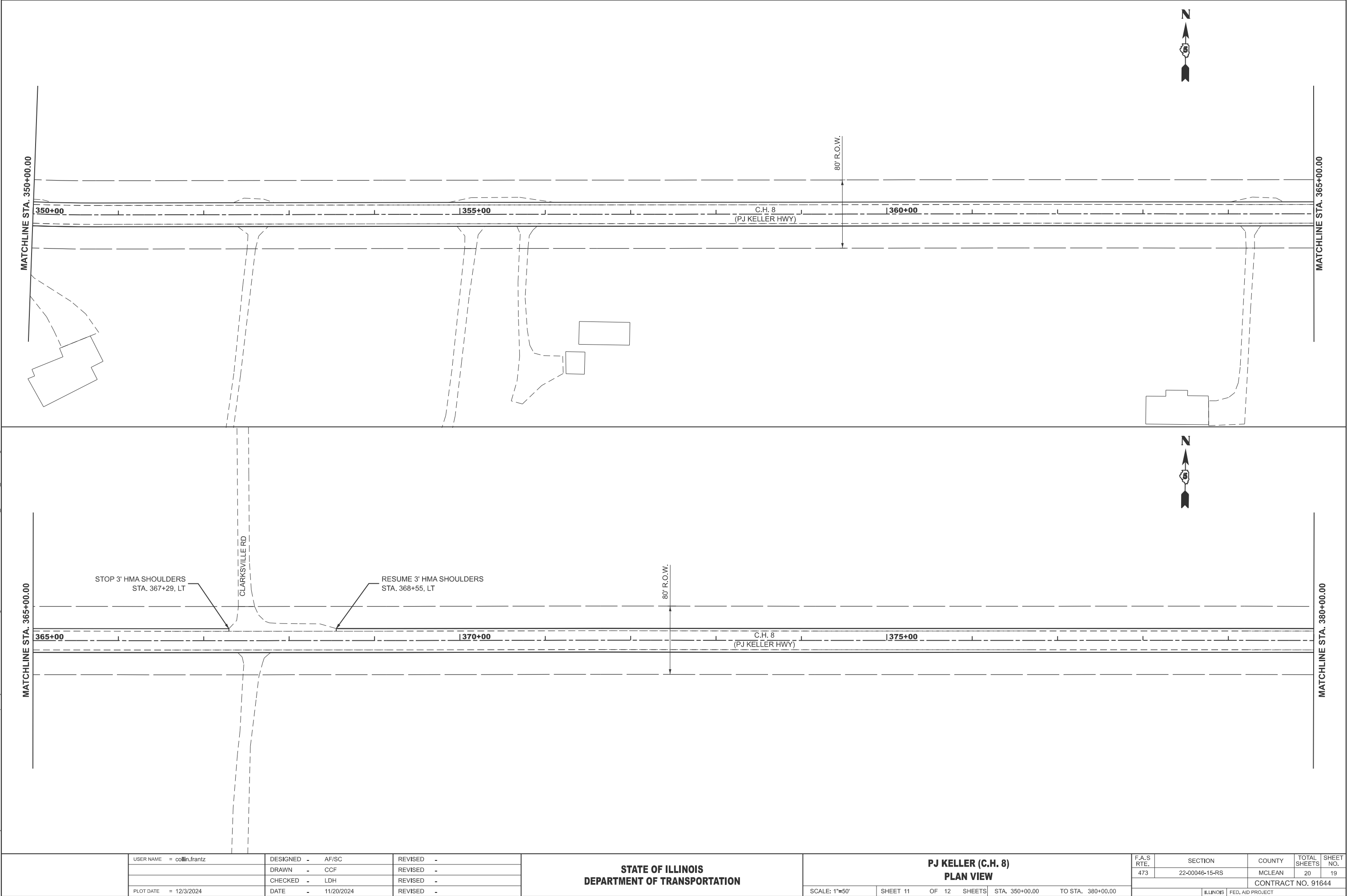
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

SCALE: 1"=50' SHEET 10 OF 12 SHEETS STA. 320+00.00 TO STA. 350+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	18
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8_CL - Plan View-20 Street
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USER NAME	= collin.frantz
PLOT DATE	= 12/3/2024

DESIGNED	-	AF/SC
DRAWN	-	CCF
CHECKED	-	LDH
DATE	-	11/20/2024

REVISED	-
REVISED	-
REVISED	-
REVISED	-

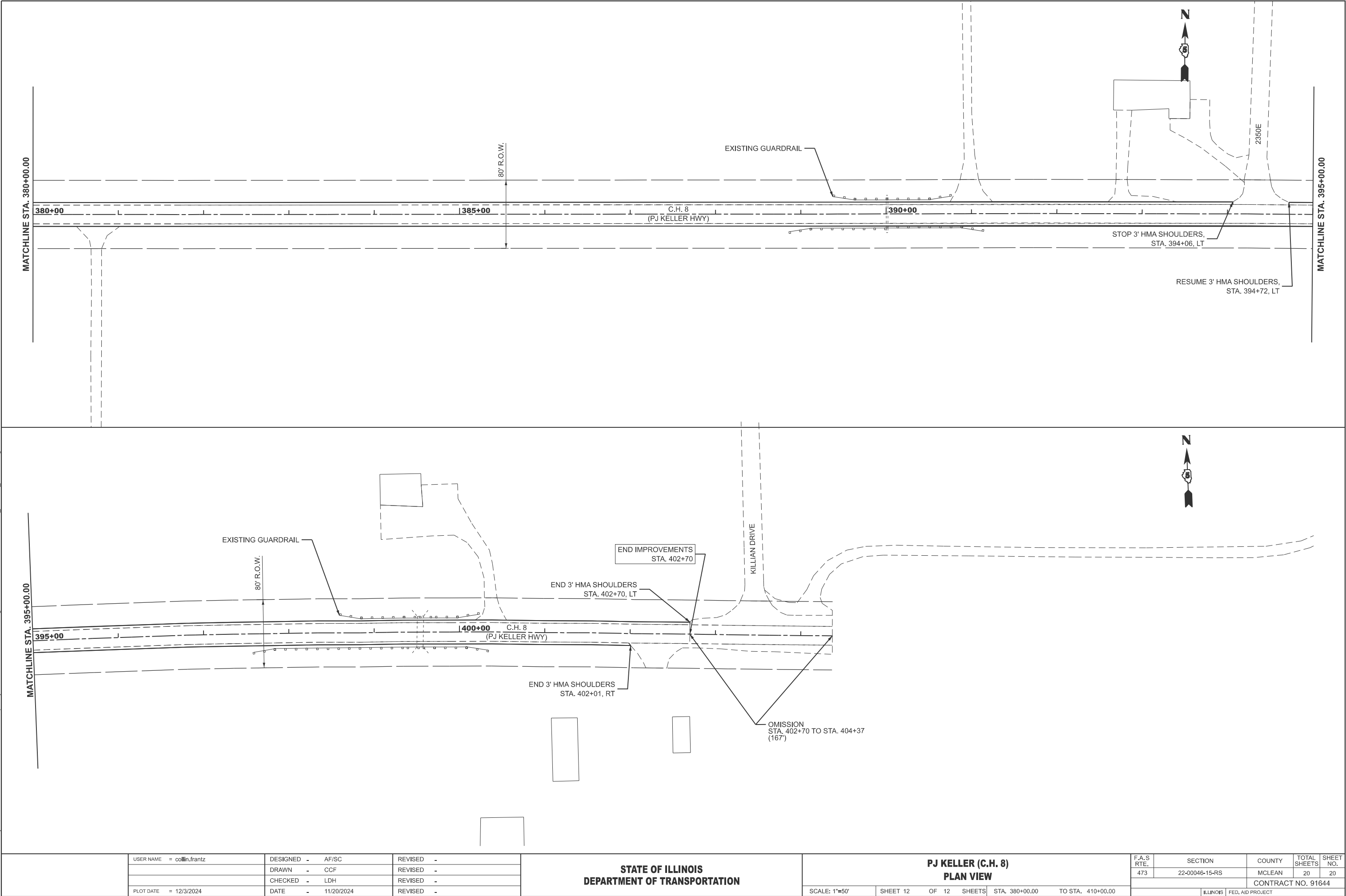
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

SCALE: 1"=50' SHEET 11 OF 12 SHEETS STA. 350+00.00 TO STA. 380+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	19
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				

MODEL: CH8_CL - Plan View-22 Sheet
FILE NAME: X:\County\Roads\CH 8\22-00046-15-RS - PJ Keller - Spillway to 2225 North Rd - 2025\Design\Drawn\Plan Sheets\22-00046-15-RS_PJ Keller_PlanView.dgn



PLOT DATE	= 12/3/2024	USER NAME	= collin.frantz	DESIGNED	- AF/SC	REVISED	-
		DRAWN	- CCF	REVISED	-		
		CHECKED	- LDH	REVISED	-		
		DATE	- 11/20/2024	REVISED	-		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PJ KELLER (C.H. 8)
PLAN VIEW

SCALE: 1"=50' SHEET 12 OF 12 SHEETS STA. 380+00.00 TO STA. 410+00.00

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
473	22-00046-15-RS	MCLEAN	20	20
CONTRACT NO. 91644				
ILLINOIS FED. AID PROJECT				