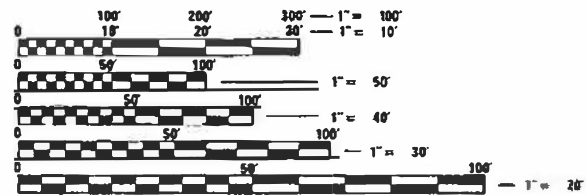


04-29-2022 LETTING ITEM 040

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

CURRENT ADT			
	LEG A	LEG B	LEG C
2017 ADT:	1,500	1,900	2,600
2037 ADT:	1,650	2,100	2,850
P.U. & P.C. %:	92.6	87.4	95.4
S.U. %:	4.7	7.9	3.4
M.U. %:	2.7	4.7	1.2

DESIGN DESIGNATION
N / A



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 TOWNSHIPS
1-800-892-0123 DANVERS TOWNSHIP & ALLIN TOWNSHIP
OR 811

PROJECT ENGINEER: JASON STULTS, PE
SQUAD LEADER: DAVID JAYME, PE
PHONE NUMBER: (217) 465-4181

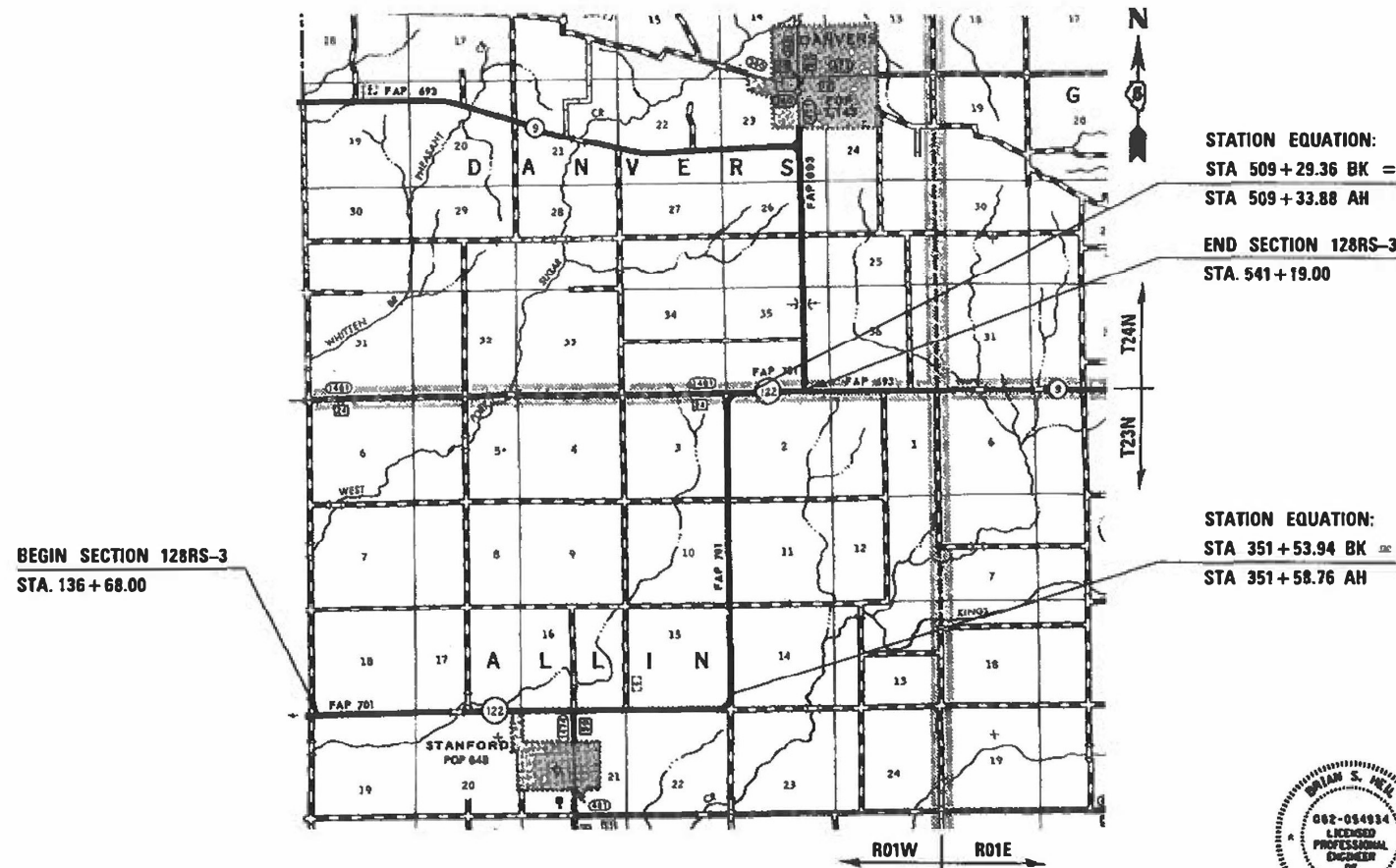
CONTRACT NO. 70778
DESIGNER:

OATES ASSOCIATES
Collinsville: 100 Lander Court, Suite 1, Collinsville, IL 62234, 618.345.2200
Belleville: 20 East Main Street, Belleville, IL 62200, 618.416.4688
St. Louis: 720 Olive, Suite 700, St. Louis, MO 63101, 314.588.8381
St. Charles: 620 South Main, Suite 209, St. Charles, MO 63301, 636.493.6277
ILLINOIS DESIGN FIRM LICENSE NO.: 184 001115

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

FAP ROUTE 701 (ILL 122)
SECTION 128RS-3
PROJECT STP-0EUV(290)
RESURFACING (3P)
MCLEAN COUNTY

C-95-064-21
TAZWELL COUNTY LINE TO ILL 9



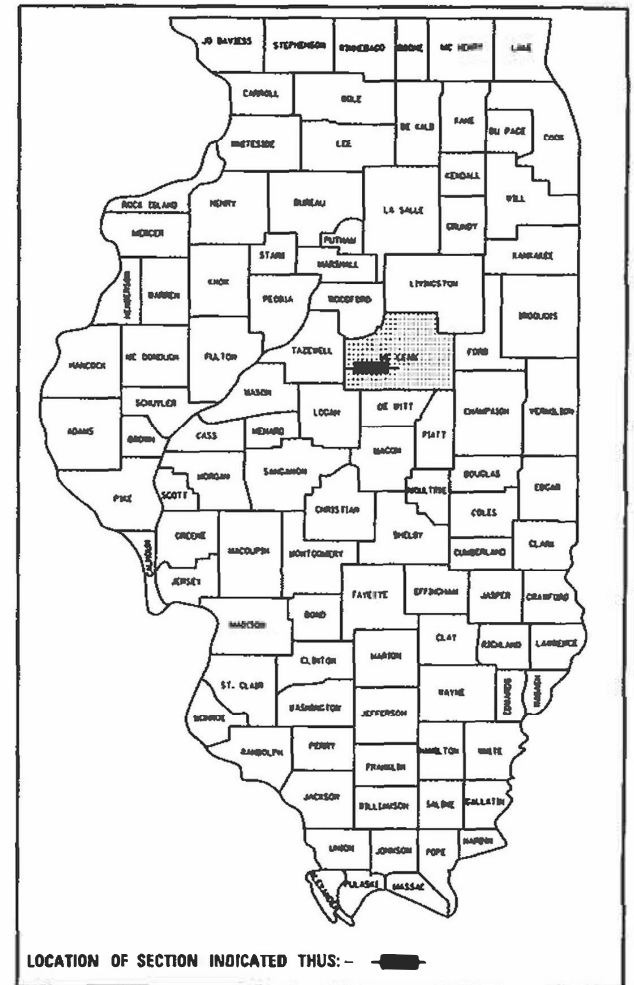
APPROXIMATE SCALE 1" = 5,500'
GROSS LENGTH = 40,441.66 FT. = 7.659 MILES
NET LENGTH = 40,441.66 FT. = 7.659 MILES



Brian Heik 1/28/22
Brian S. Heik, P.E.
License Expires 11/30/2023

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	1
		ILLINOIS	CONTRACT NO. 70778	

P-95-020-21



LOCATION OF SECTION INDICATED THUS: [Symbol]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED 2/11/22
Keril A. Hammett, REGIONAL ENGINEER
March 25, 2022
Stephen M. Smith, DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
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482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
630001-12	STEEL PLATE BEAM GUARDRAIL
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630106-02	LONG SPAN GUARDRAIL OVER CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
667101-02	PERMANENT SURVEY MARKERS
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
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

GENERAL NOTES

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N.-105.09A
ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

G.N.-406H

LOCATION	ILL 122	ILL 122	ILL 122	ILL 122
MIXTURE USE	BINDER	SURFACE	CLASS D AND P.D. PATCH	INCIDENTAL
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
MIX COMP (GRADATION)	IL 9.5 FG	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE	N.A.	Mix C	N.A.	Mix C
MIXTURE WEIGHT	112	112	112	112
QUALITY MANAGEMENT PROGRAM	QCP	QCP	QC/QA	QC/QA
SUBLOT SIZE	1000	1000	N.A.	N.A.
MATERIAL TRANSFER DEVICE (REQUIRED?)	NO	NO	NO	NO

G.N.-408B
THE INCIDENTAL HOT-MIX ASPHALT SURFACING SHALL BE COMPACTED AS REQUIRED BY THE SPECIFICATIONS FOR DESIGN NUMBER OF GYTRATIONS BEING USED.

AT THE FOLLOWING LOCATIONS:

- CR 150 E
- KATHLEEN STREET
- CR 250 E / DIVISION STREET
- CR 300 E
- CR 400 E
- CR 1100 N
- CR 1200 N
- CR 1300 N
- CR 1400 N

G.N.-703A
SHORT TERM PAVEMENT MARKINGS SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (PRIME COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N.-781
THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.

MATERIAL TRANSFER DEVICE (MTD) INFORMATION:
IF THE CONTRACTOR ELECTS TO USE AN MTD, THE FOLLOWING REQUIREMENTS WILL APPLY.

BASED ON STRUCTURAL ANALYSIS, THE FOLLOWING STRUCTURES CAN BE CROSSED WITH AN EMPTY MTD WITH THE FOLLOWING MAXIMUM GROSS WEIGHT RESTRICTIONS:

- 057-2037 (40 TONS)
- 057-8026 (40 TONS)

IF THE SAME MTD IS USED THROUGHOUT THE ENTIRE CONTRACT, THEN IT MUST BE LIMITED TO AN EMPY GROSS WEIGHT OF 40 TONS OR LESS.

COMMITMENTS

NONE

LOCATION OF WORK: FAP ROUTE 701 (ILL 122)
RURAL
STA. 136+68 TO STA. 541+19
MCLEAN COUNTY
FUNDING BREAKOUT: 80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE: 0005

LOCATION OF WORK: FAP ROUTE 701 (ILL 122)
RURAL
STA. 136+68 TO STA. 541+19
MCLEAN COUNTY
FUNDING BREAKOUT: 80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20200100	EARTH EXCAVATION	CU YD	40
20400800	FURNISHED EXCAVATION	CU YD	100
25000210	SEEDING, CLASS 2A	ACRE	0.25
25000350	SEEDING, CLASS 7	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23
25100115	MULCH, METHOD 2	ACRE	0.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	25
28000400	PERIMETER EROSION BARRIER	FOOT	767
35800100	PREPARATION OF BASE	SQ YD	61
35800200	AGGREGATE BASE REPAIR	TON	20
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	80,870
40600370	LONGITUDINAL JOINT SEALANT	FOOT	40,442
* DENOTES SPECIALTY ITEM			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40600990	TEMPORARY RAMP	SQ YD	689
40602965	HOT-MIX ASPHALT BINDER COURSE, IL-9.5FG, N50	TON	8,484
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	10,066
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,313
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	247
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	SQ YD	119,560
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	399
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	399
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	399
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2,140
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	512.5
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	75.0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6
63200310	GUARDRAIL REMOVAL	FOOT	800
* DENOTES SPECIALTY ITEM			



USER NAME = chris.zimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128R5-3	MCLEAN	42	4
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

LOCATION OF WORK: FAP ROUTE 701 (ILL 122)
RURAL
STA. 136+68 TO STA. 541+19
MCLEAN COUNTY
FUNDING BREAKOUT: 80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE: 0005

LOCATION OF WORK: FAP ROUTE 701 (ILL 122)
RURAL
STA. 136+68 TO STA. 541+19
MCLEAN COUNTY
FUNDING BREAKOUT: 80% FEDERAL / 20% STATE
CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD, 701306	LSUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	12,180
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,354
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	102,788
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	6
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	102,788
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	750
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	11
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	683
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	34,573
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	2,617

* DENOTES SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* XZ193300	SURVEY MARKER, TYPE 1 (SPECIAL)	EACH	1
* XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
* Z0070202	SURVEY MARKER VAULT	EACH	9

* DENOTES SPECIALTY ITEM



USER NAME = chris.zimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

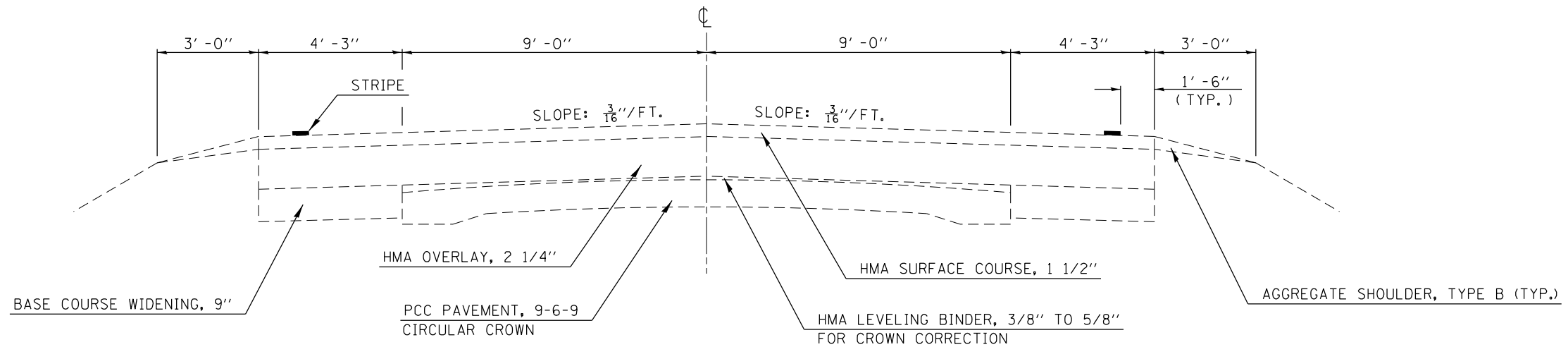
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128R5-3	MCLEAN	42	5
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

1 EXISTING TYPICAL CROSS SECTION

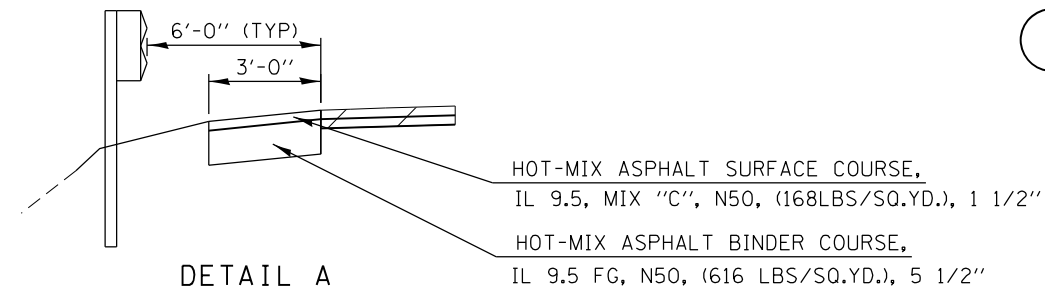
STATION	TO	STATION
136+68.00		342+36.00
351+42.00		499+21.00
510+59.00		541+19.00



1 PROPOSED TYPICAL CROSS SECTION

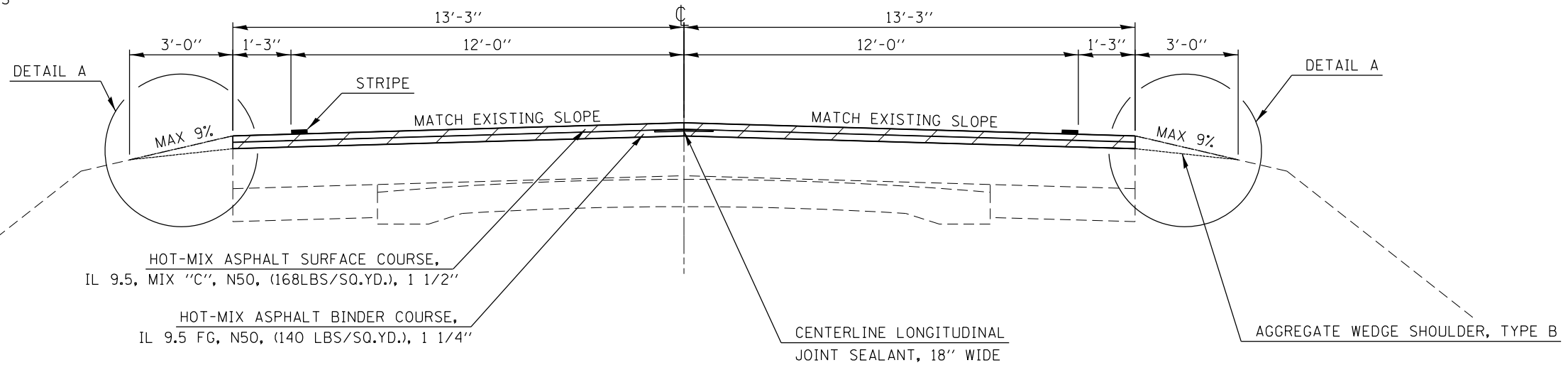
STATION	TO	STATION
136+68.00		342+36.00 (2)
(2) 351+42.00		499+21.00 (2)
(2) 510+59.00		541+19.00

HMA SURFACE REMOVAL, 2 3/4"



DETAIL A

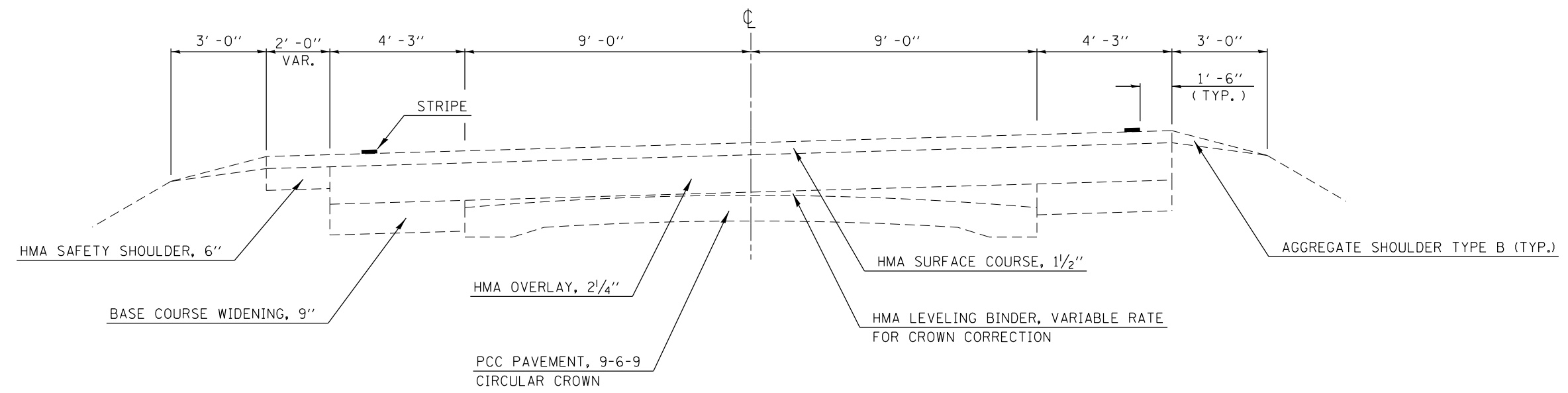
SEE CROSS SECTIONS FOR ADDITIONAL DETAILS
 HMA SHOULDER REPLACEMENT AT
 PROPOSED GUARDRAIL LOCATIONS
 STA. 230+00.00 TO STA. 233+25.00 LT
 STA. 373+17.75 TO STA. 376+92.75 RT
 STA. 374+17.75 TO STA. 378+30.25 LT



STATION EQUATIONS
 STA. 351+53.94 BK = STA. 351+58.76 AH
 STA. 509+29.36 BK = STA. 509+33.88 AH

2 EXISTING TYPICAL CROSS SECTION

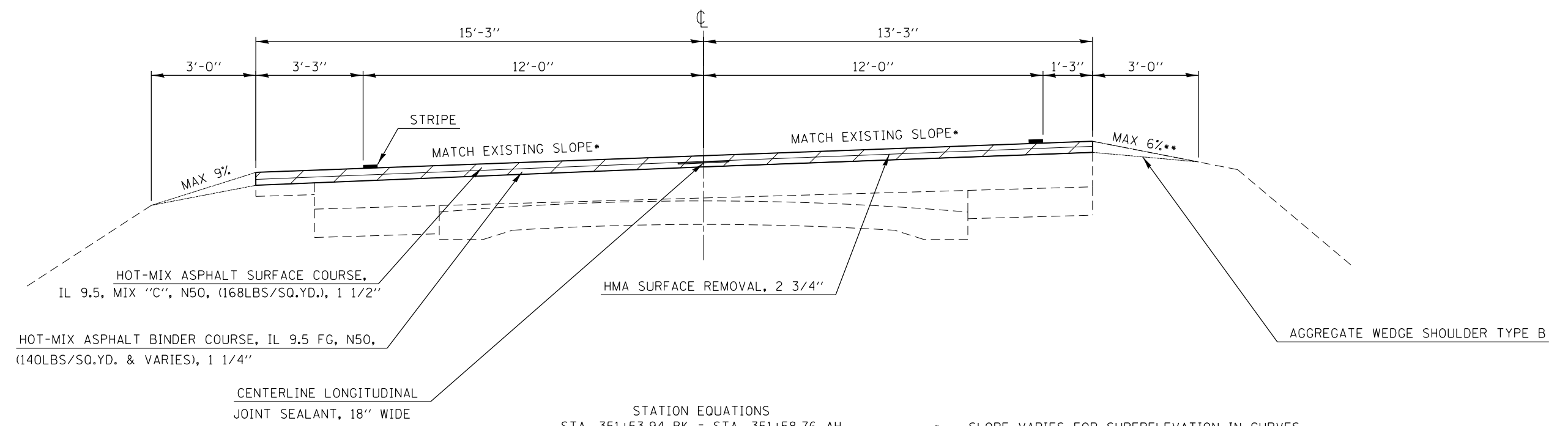
STATION	TO	STATION
342+36.00		351+42.00
499+21.00		510+59.00



2 PROPOSED TYPICAL CROSS SECTION

STATION	TO	STATION
① 342+36.00		① 351+42.00
① 499+21.00		① 510+59.00

HMA SURFACE REMOVAL, 2 3/4"



STATION EQUATIONS
 STA. 351+53.94 BK = STA. 351+58.76 AH
 STA. 509+29.36 BK = STA. 509+33.88 AH

* SLOPE VARIES FOR SUPERELEVATION IN CURVES
 ** SLOPE VARIES IN SUPERELEVATION WITH A MAXIMUM OF 0.12 FT/FT ALGEBRAIC DIFFERENCE



USER NAME = scott.feldt	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL CROSS SECTIONS		
SCALE:	SHEET 2 OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128R5-3	MCLEAN	42	7
CONTRACT NO. 70778			ILLINOIS FED. AID PROJECT	

TEMPORARY RAMP

STATION	NAME	40600990
		TEMPORARY RAMP
		SQ YD
136+68.00	WEST TERMINUS	43.0
214+92.40	CR 150 E	33.2
241+45.15	N KATHLEEN RD	47.5
267+95.05	N DIVISION ST	85.3
267+95.57	CR 250 E	34.6
294+53.97	CR 300 E	31.2
343+64.49	E 1100 N RD	49.0
349+53.79	N 400 E RD	32.0
398+58.92	CN RD 1200 N	23.5
398+60.23	CN RD 1200 N	25.5
451+52.87	E 1300 N RD	33.5
451+52.87	E 1300 N RD	38.8
501+45.58	N 400 E RD	58.1
508+18.19	E 1400 N RD	109.7
542+03.00	EAST TERMINUS	43.3
TOTAL		688.2
USE		689

PAVEMENT

STATION	STATION	40600290	40600370	40602965	40604050	44000160	48102100
		BITUMINOUS MATERIALS (TACK COAT)	LONGITUDINAL JOINT SEALANT	HMA ASPHALT BINDER COURSE, IL-9.5FG, N50	HMA SURFACE COURSE, IL-9.5, MIX "C", N50	HOT-MIX ASPHALT SURFACE REMOVAL, 2 3/4"	AGGREGATE WEDGE SHOULDER, TYPE B
		POUND	FOOT	TON	TON	SQ YD	TON
136+68.00	342+36.00	40,878.9	20,568.0	4,239.3	5,078.2	60,561.3	1,087.8
230+00.00	233+25.00	48.8		33.4	9.1		
342+36.00	351+42.00	1,936.6	906.0	200.8	241.0	2,869.0	47.9
351+42.00	499+21.00	29,373.2	14,774.2	3,046.1	3,655.3	43,515.9	781.6
373+17.75	376+92.75	56.3		38.5	10.5		
374+17.75	378+30.25	61.9		42.4	11.6		
499+21.00	510+59.00	2,432.5	1,133.5	252.3	302.7	3,603.7	60.2
510+59.00	541+19.00	6,081.8	3,060.0	630.7	756.8	9,010.0	161.8
TOTAL		80,869.9	40,441.7	8,483.4	10,065.2	119,559.9	2,139.3
USE		80,870	40,442	8,484	10,066	119,560	2,140

PAVEMENT NOTES:

- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
 HMA BINDER 0.056 TON/SQ YD/IN
 HOT-MIX ASPHALT: HMA SURFACE 0.056 TON/SQ YD/IN
 TACK COAT (MILLED HMA) 0.05 LB/SQ FT
 TACK COAT (NEW HMA) 0.025 LB/SQ FT
 AGG SHOULDER 2.1 TON/CU YD
- THE PROPOSED SURFACE COURSE SHALL BE 1 1/2 IN. THICK.
- QUANTITY ASSUMES SHOULDER AT GUARDRAIL WIDENING EXTENDS 50 FEET BEYOND LENGTH OF NEED.
- QUANTITY ASSUMES TWO APPLICATIONS OF TACK COAT ON GUARDRAIL SHOULDER WIDENING.
- QUANTITY ASSUMES TWO APPLICATIONS OF TACK COAT ON THE MAINLINE.

SURVEY MARKERS & VAULTS

STATION	OFFSET	XZ193300	XZ193400	Z0070202
		SURVEY MARKER, TYPE 1 (SPL)	SURVEY MARKER, TYPE 2 (SPL)	SURVEY MARKER VAULT
		EACH	EACH	EACH
188+42.70	6.174 RT			1
206+34.71	0.0000		1	
214+92.67	8.426 LT			1
267+96.01	8.611 LT			1
294+53.47	0.233 RT			1
346+74.64	185.862 RT			1
372+11.63	8.997 LT			1
398+58.92	3.070 RT			1
451+53.44	15.358 RT	1		
529+80.41	1.034 RT			1
529+91.56	0.895 RT			1
TOTAL		1	1	9
USE		1	1	9

PAVEMENT MARKING

STATION	STATION	SEQUENCE	70300100	70300150	70300221	78001110		78100100		78300200	78300202
			SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	PAINT PAVEMENT MARKING - LINE 4"		RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING
			FOOT	SQ FT	FOOT	YELLOW	WHITE	TWO-WAY AMBER	ONE-WAY CRYSTAL	EACH	SQ FT
136+68	335+58	CENTERLINE	5,964.0	662.7				250		250	
335+58	351+62	CENTER/EDGELINE	504.0	56.0				84	84	127	
351+62	498+93	CENTERLINE	4,428.0	492.0				186		185	
498+93	508+68	CENTER/EDGELINE	300.0	33.4				52	52	79	
508+68	541+19	CENTERLINE	984.0	109.4				42		42	
136+68	191+81	YELLOW SKIP DASH CL			1,378.3	1,378.3					459.5
191+81	198+65	YELLOW E/B NPZ CL			855.0	855.0					285.0
198+65	201+13	YELLOW SKIP DASH CL			62.0	62.0					330.7
201+13	208+68	YELLOW W/B NPZ CL			943.8	943.8					314.6
208+68	325+27	YELLOW SKIP DASH CL			2,914.8	2,914.8					971.6
325+27	335+58	YELLOW E/B NPZ CL			1,288.8	1,288.8					429.6
335+58	351+62	DOUBLE YELLOW			3,208.0	3,208.0					1069.4
351+62	361+41	YELLOW E/B NPZ CL			1,223.8	1,223.8					408.0
361+41	407+64	YELLOW SKIP DASH CL			1,155.8	1,155.8					385.3
407+64	418+12	YELLOW E/B NPZ CL			1,310.0	1,310.0					436.7
418+12	425+19	YELLOW W/B NPZ CL			883.8	883.8					294.6
425+19	487+41	YELLOW SKIP DASH CL			1,555.5	1,555.5					518.5
487+41	498+93	YELLOW E/B NPZ CL			1,440.0	1,440.0					480.0
498+93	508+68	DOUBLE YELLOW			1,952.0	1,952.0					650.7
508+68	517+69	YELLOW W/B NPZ CL			1,126.3	1,126.3					375.5
517+69	541+19	YELLOW SKIP DASH CL			587.5	587.5					195.9
136+68	541+19	WHITE EDGELINES			80,902.0		80,902.0				26,967.4
TOTAL			12,180.0	1,353.5	102,787.4	21,885.4	80,902.0	614		683	34,573.0
USE			12,180	1,354	102,788	21,885.4	80,902.0	614		683	34,573

PAVEMENT MARKING NOTES:

- SEE HIGHWAY STANDARD 780001 FOR PAVEMENT MARKING DETAILS.
- ONE WAY CRYSTAL RRP ON CURVED SECTIONS SHALL BE PLACED ON EDGE LINES AT 40' SPACINGS OC.
- 3 APPLICATIONS OF SHORT-TERM PAVEMENT MARKINGS (4' SKIP DASH EVERY 40') WAS ASSUMED.

GUARDRAIL

STATION	STATION	OFFSET	LOCATION	63200310	63000001	63000350	63100167	72501000	78200005
				GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS TYPE A
				FOOT	FOOT	FOOT	EACH	EACH	EACH
230+50.00	230+87.50	LT	1				1	1	3
230+87.50	232+37.50	LT			150.0				
232+37.50	232+75.00	LT					1	1	
373+67.75	374+50.25	RT	2				1	1	4
374+50.25	375+30.25	RT			125.0				
375+30.25	375+67.75	RT				37.5			
375+67.75	376+05.25	RT			37.5				
376+05.25	376+42.75	RT					1	1	
374+67.75	375+05.25	LT	3				1	1	4
375+05.25	375+30.25	LT				25.0			
375+30.25	375+67.75	LT					37.5		
375+67.75	377+42.75	LT				175.0			
377+42.75	377+80.25	LT				1	1		
228+11.0	232+10.0	LT	1	399.3					
374+48.0	376+48.0	RT	2	200.2					
374+50.0	376+50.0	LT	3	200.5					
TOTAL				800.0	512.5	75.0	6	6	11
USE				800	512.5	75.0	6	6	11



USER NAME = chris.zimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128R5-3	MCLEAN	42	8
CONTRACT NO. 70778			ILLINOIS FED. AID PROJECT	

ENTRANCES, SIDEROADS, MAILBOX TURNOUTS

OFFSET	STATION	TYPE	SURFACE	35800100	35800200	40800029	40800050	X4400196
				PREPARATION OF BASE	AGGREGATE BASE REPAIR	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL
				SQ YD	TON	POUND	TON	SQ YD
RT	136+53.65	FE	AGG					
RT	161+83.01	FE	AGG					
LT	161+86.03	FE	EARTH					
LT	174+37.90	FE	EARTH					
RT	175+11.55	FE	AGG					
LT	177+86.67	FE	AGG					
LT	180+83.87	PE/MBTO	ASPH	1	0.3	22.5	4.2	38.0
LT	185+61.04	FE	AGG					
LT	188+46.84	FE	AGG					
RT	191+54.75	PE	AGG	0.8	0.3	16.1	3.0	35.7
LT	191+55.50	MBTO	ASPH	0.9	0.3	18.4	3.5	24.6
LT	198+81.38	PE/MBTO	ASPH	1.4	0.5	30.6	5.8	53.2
LT	204+51.24	PE/MBTO	ASPH	1.2	0.4	25.0	4.7	36.7
LT	208+91.34	FE	EARTH					
RT	208+91.66	FE	EARTH					
RT	214+92.28	FE	EARTH					
LT	214+92.40	CR 150 E	ASPH	1.8	0.6	39.8	7.5	88.4
RT	228+03.28	FE	EARTH					
RT	235+64.99	PE	ASPH	0.5	0.2	9.1	1.7	18.6
LT	235+67.19	MBTO	ASPH	0.9	0.3	18.4	3.5	27.2
LT	237+01.85	FE	EARTH					
LT	241+20.38	FE	EARTH					
RT	241+45.15	N KATHLEEN RD	ASPH	1.7	0.6	38.1	7.2	84.6
LT	246+29.89	PE	AGG	1	0.3	21.0	4.0	
LT	247+88.96	PE/MBTO	AGG	1.3	0.4	27.4	5.2	46.1
LT	248+91.95	FE	AGG					
RT	254+57.98	FE	EARTH					
LT	267+95.05	CR 250 E	ASPH	1.5	0.5	32.7	6.1	72.6
RT	267+95.57	N DIVISION ST	ASPH	11.5	3.5	257.5	48.1	572.1
RT	281+17.20	FE	EARTH					
LT	281+33.61	FE	EARTH					
RT	286+45.05	PE	AGG	0.7	0.3	15.1	2.9	33.4
RT	293+52.42	FE	EARTH					
LT	294+53.97	CR 300 E	ASPH	1.2	0.4	25.3	4.8	56.2
LT	299+54.91	FE	EARTH					
RT	299+63.62	PE/MBTO	AGG	1.3	0.4	28.9	5.4	50.9
LT	316+53.91	FE	AGG					
RT	317+42.38	FE	EARTH					
LT	321+24.37	FE	AGG					
RT	332+50.59	PE/MBTO	AGG	0.6	0.2	13.3	2.5	46.6
RT	334+57.73	FE	AGG					
RT	335+78.18	FE	EARTH					
RT	343+64.49	E 1100 N RD	ASPH	3.5	1.1	76.9	14.4	170.9
LT	345+15.58	FE	EARTH					
RT	349+53.74	N 400 E RD	ASPH	1.3	0.4	28.4	5.4	63.1
LT	351+87.33	PE/MBTO	AGG	1.1	0.4	24.6	4.6	24.1
RT	354+24.81	FE	EARTH					
LT	355+09.99	PE/MBTO	ASPH	1.2	0.4	25.4	4.8	53.3
LT	372+25.34	FE	AGG					
RT	372+28.87	FE	EARTH					
RT	379+81.31	PE	CONC					
RT	385+67.33	FE	EARTH					
LT	398+58.92	CR 1200 N	ASPH	0.8	0.3	16.9	3.2	37.4
RT	398+60.23	CR 1200 N	ASPH	0.9	0.3	18.4	3.5	40.9
RT	411+16.46	FE	EARTH					
RT	412+23.15	PE/MBTO	AGG	1.3	0.4	27.8	5.2	34.0
RT	416+53.70	PE/MBTO	AGG	1.5	0.5	33.8	6.3	64.2
LT	420+26.82	FE	EARTH					
RT	439+37.95	FE	AGG					
LT	440+84.81	FE	EARTH					
LT	451+52.87	E 1300 N RD	ASPH	1.2	0.4	24.9	4.7	55.2
RT	451+52.87	E 1300 N RD	ASPH	2	0.6	44.6	8.4	99.1

ENTRANCES, SIDEROADS, MAILBOX TURNOUTS (CONTINUED)

OFFSET	STATION	TYPE	SURFACE	35800100	35800200	40800029	40800050	X4400196
				PREPARATION OF BASE	AGGREGATE BASE REPAIR	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HOT-MIX ASPHALT SURFACING	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL
				SQ YD	TON	POUND	TON	SQ YD
RT	458+61.42	FE	EARTH					
RT	477+84.39	FE	EARTH					
LT	478+19.52	FE	EARTH					
LT	498+31.88	FE	EARTH					
RT	498+35.24	FE	EARTH					
LT	501+45.58	N 400 E RD	ASPH	3.5	1.1	77.3	14.5	171.7
RT	507+73.33	PE	AGG	0.4	0.2	8.2	1.6	3.2
LT	508+18.19	E 1400 N RD/MBTO	ASPH	7.7	2.4	172.3	32.2	382.9
LT	518+42.86	PE/MBTO	AGG	1.2	0.4	26.0	4.9	25.9
LT	520+04.29	FE	EARTH					
RT	521+29.96	FE	EARTH					
RT	529+26.66	FE	EARTH					
LT	529+88.66	FE	EARTH					
RT	529+94.81	PE	AGG	0.6	0.2	11.8	2.2	25.8
LT	531+00.00	MBTO	ASPH	0.9	0.3	18.4	3.5	17.6
RT	537+08.22	FE	EARTH					
LT	540+90.65	PE/MBTO	AGG	1.7	0.6	37.6	7.1	62.4
TOTAL				60.1	19.5	1,312.5	246.6	2,616.6
USE				61	20	1,313	247	2,617

ENTRANCE NOTES:

- NOMINAL THICKNESS OF INCIDENTAL HMA = 1 1/2"
- PREPARATION OF BASE AND AGGREGATE BASE REPAIR ESTIMATED TO BE 2% OF HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING
- APPLICATION RATES USED FOR QUANTITY ESTIMATES ARE AS FOLLOWS:
 INCIDENTAL HMA SURFACING: 0.056 TONS/SQ YD/IN
 AGGREGATE BASE REPAIR 1.8 TON/CU YD (6" THICKNESS)

EARTHWORK

STATION	OFFSET	STATION	OFFSET	20200100	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (NOTE 1)	EMBANKMENT (NOTE 2)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (NOTE 3)
				EARTH EXCAVATION			
				CU YD			
230+50.0	LT	233+12.5	LT	8.8	6.6	50.6	-43.9
373+37.5	LT/RT	378+12.5	LT/RT	29.5	22.1	75.2	-53.1
TOTAL				38.4	28.8	125.8	-97.0
USE				40	30	130	-100

EARTHWORK NOTES:

- ESTIMATED SHRINKAGE FACTOR = 25%.
- APPROXIMATE EMBANKMENT QUANTITY IS SHOWN FOR INFORMATION ONLY.
- APPROXIMATE EARTHWORK BALANCE IS SHOWN FOR INFORMATION ONLY.

SEEDING

STATION	STATION	OFFSET	25000210	25000350	25000400	25000500	25000600	25100115	28000250
			SEEDING, CLASS 2A	SEEDING, CLASS 7	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	MULCH, METHOD 2	TEMP EROSION CONTROL SEEDING
			ACRE	ACRE	POUND	POUND	POUND	ACRE	POUND
229+52	232+90	LT	0.08	0.08	7.2	7.2	7.2	0.08	8.0
373+65	376+71	RT	0.07	0.07	6.3	6.3	6.3	0.07	7.0
374+27	377+34	LT	0.04	0.04	3.6	3.6	3.6	0.04	4.0
TOTAL			0.19	0.19	17.1	17.1	17.1	0.19	19.0
USE			0.25	0.25	23	23	23	0.25	25

SEEDING NOTES:

- THE QUANTITY FOR TEMPORARY EROSION CONTROL SEEDING ASSUMES ONE APPLICATION AT A RATE OF 100 POUNDS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.
- THE QUANTITY FOR SEEDING, CLASS 2A ASSUMES ONE APPLICATION AT A RATE OF 90 POUNDS/ACRE PER APPLICATION. THE CONTRACTOR SHALL APPLY AS NECESSARY AND AS DIRECTED BY THE ENGINEER IN THE FIELD.

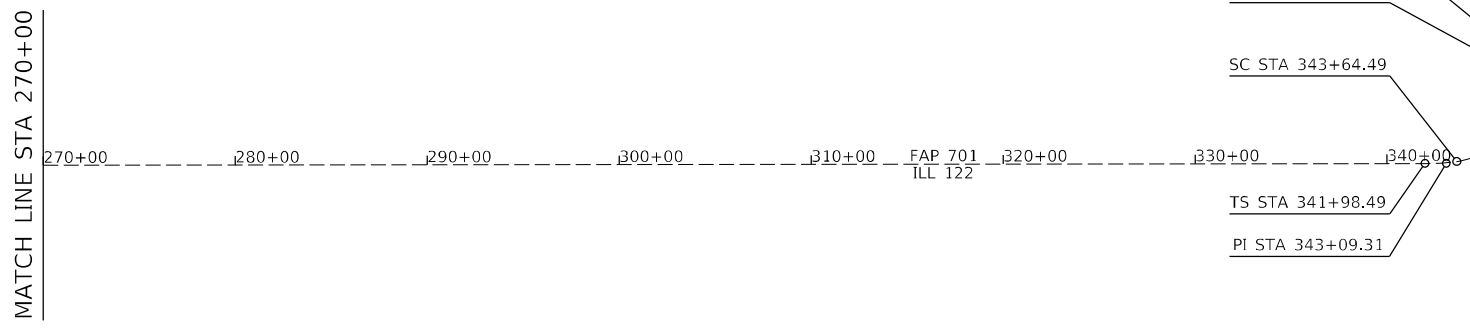
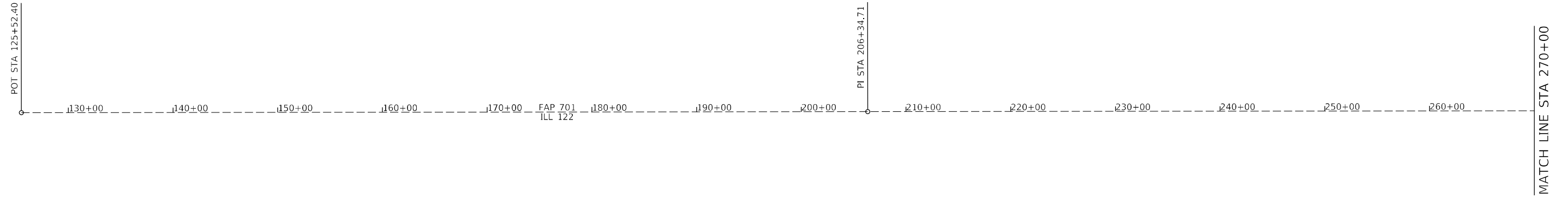


USER NAME = chris.zimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

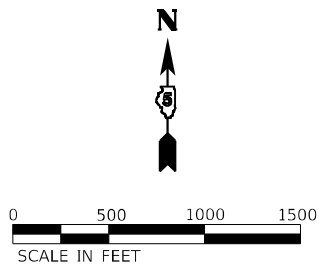
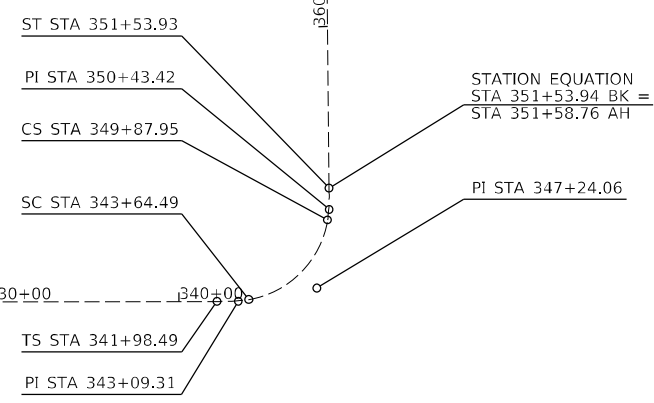
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128R5-3	MCLEAN	42	9
CONTRACT NO. 70778			ILLINOIS FED. AID PROJECT	



EXIST. CURVE EX_122_1
 PI STA. = 347+24.06
 $\Delta = 71^\circ 26' 38''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 359.58'$
 $L = 623.47'$
 $E = 115.87'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 343+64.49$
 $P.T. STA. = 349+87.95$



USER NAME = chris.zimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1000.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

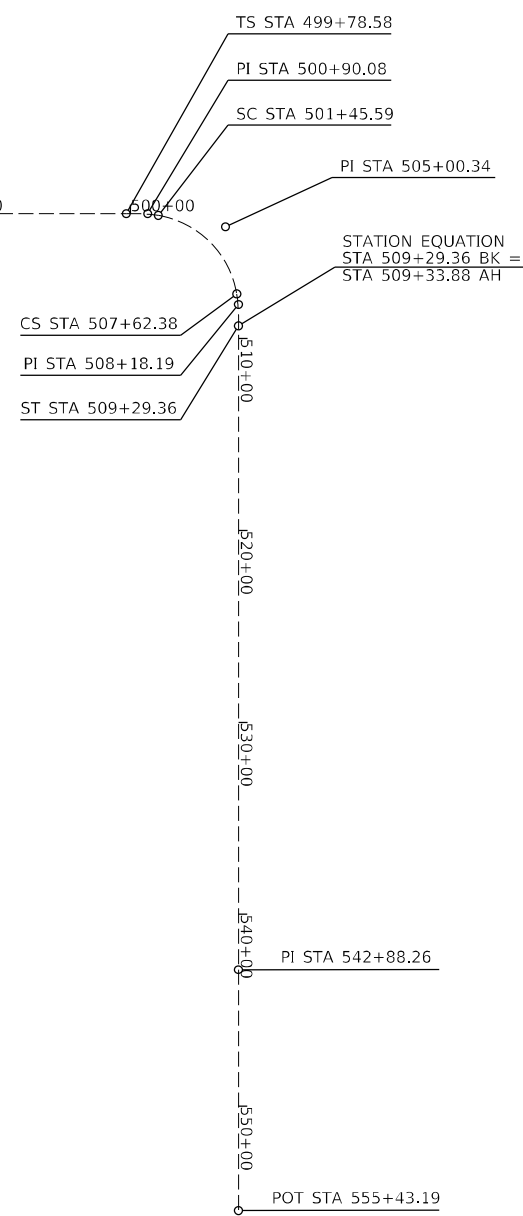
ALIGNMENT	
SCALE: 1" = 500'	SHEET 1 OF 2 SHEETS
STA. 125+52	TO STA. 380+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128R5-3	MCLEAN	42	10
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

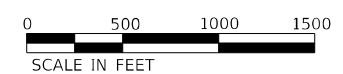
MATCH LINE STA 380+00

380+00 390+00 400+00 410+00 420+00 430+00 440+00 450+00 460+00 470+00 480+00 490+00 500+00

FAP 701
ILL 122



EXIST. CURVE EX_122_2
 PI STA. = 505+00.34
 $\Delta = 70^\circ 49' 15''$ (RT)
 $D = 11^\circ 28' 56''$
 $R = 499.00'$
 $T = 354.76'$
 $L = 616.79'$
 $E = 113.25'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 501+45.59$
 $P.T. STA. = 507+62.38$



USER NAME = chris.zimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 1000.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

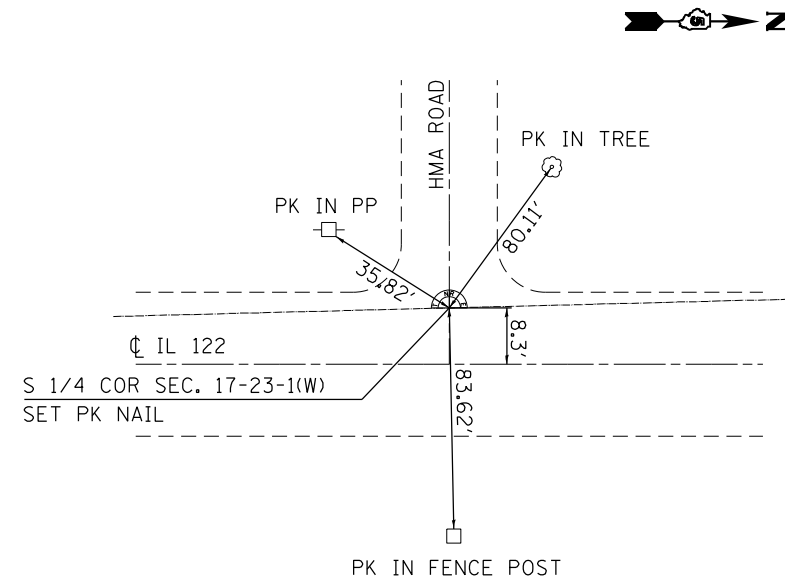
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT	
SCALE: 1" = 500'	SHEET 2 OF 2 SHEETS
STA. 380+00	TO STA. 555+43

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128R5-3	MCLEAN	42	11
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

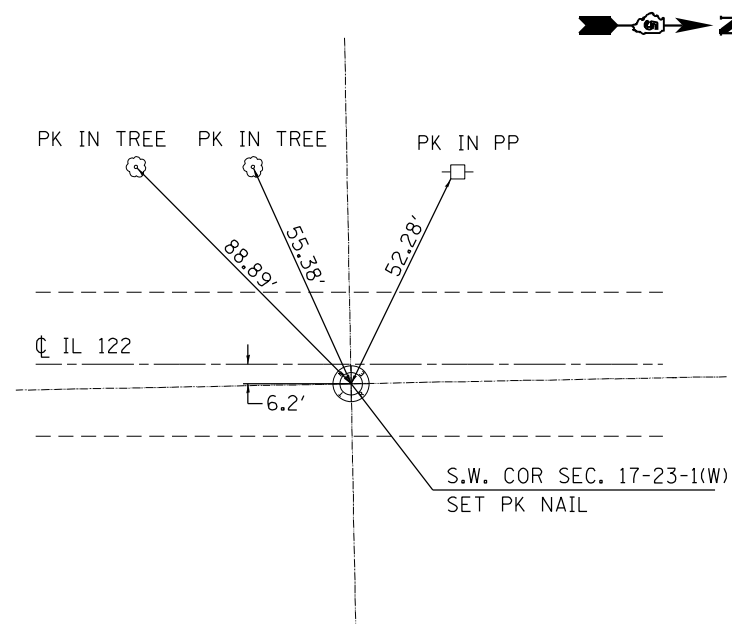
S. 1/4 CORNER, SEC. 17-23-1

STA. 214+92.67 OFFSET -8.426



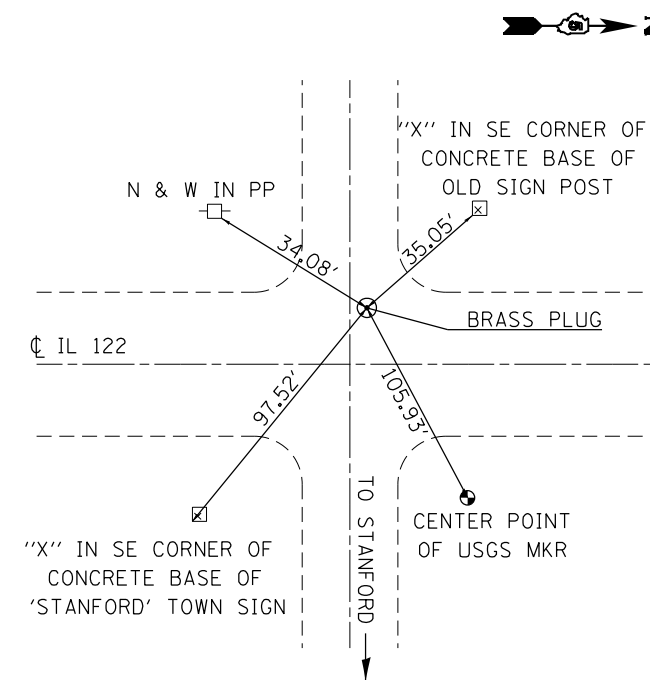
S.W. CORNER, SEC. 17-23-1

STA. 188+42.7 OFFSET 6.174



1/2 SECTION CORNER

STA. 267+96.01 OFFSET -8.611

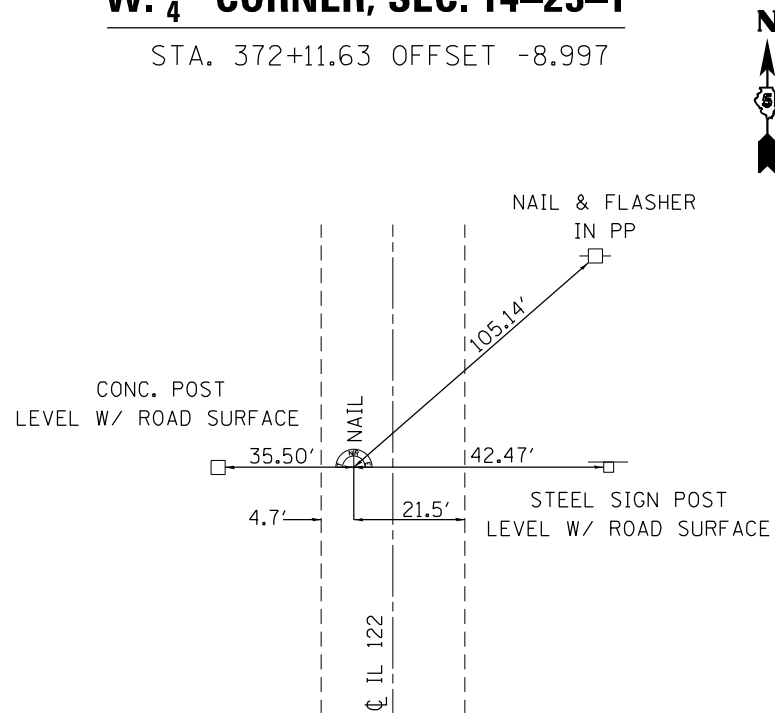


THE FOLLOWING SECTIONS CORNERS DO NOT YET HAVE TIE OUT POINTS. SURVEYS WILL LOCATE BEFORE CONSTRUCTION BEGINS UPON REQUEST.

STATION	OFFSET
294+53.47	0.233
346+74.64	185.862
451+53.44	15.358
529+91.56	0.895

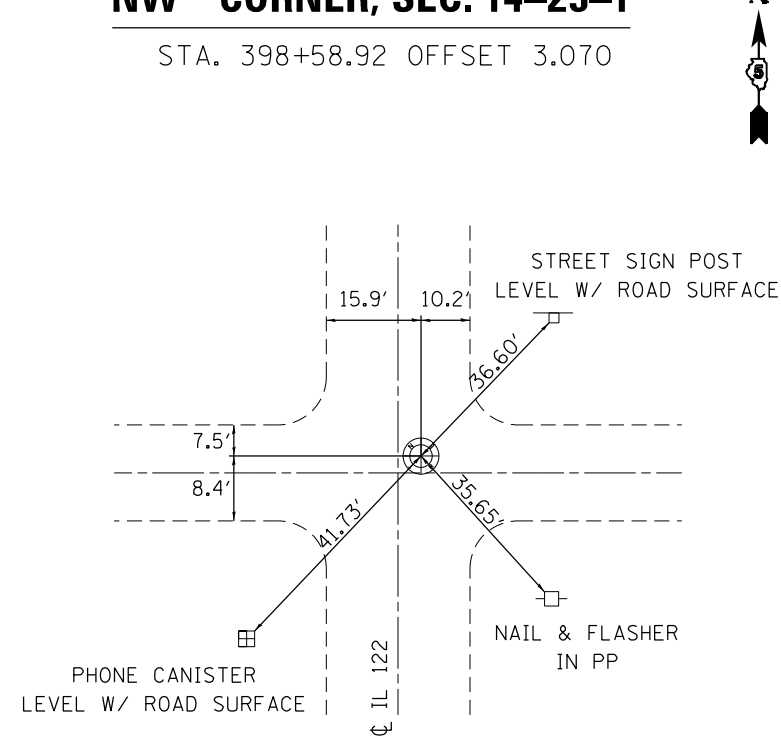
W. 1/4 CORNER, SEC. 14-23-1

STA. 372+11.63 OFFSET -8.997



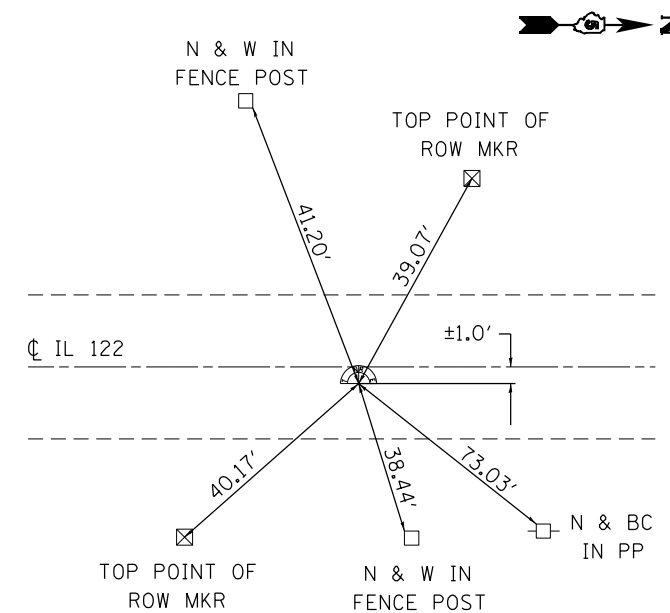
NW CORNER, SEC. 14-23-1

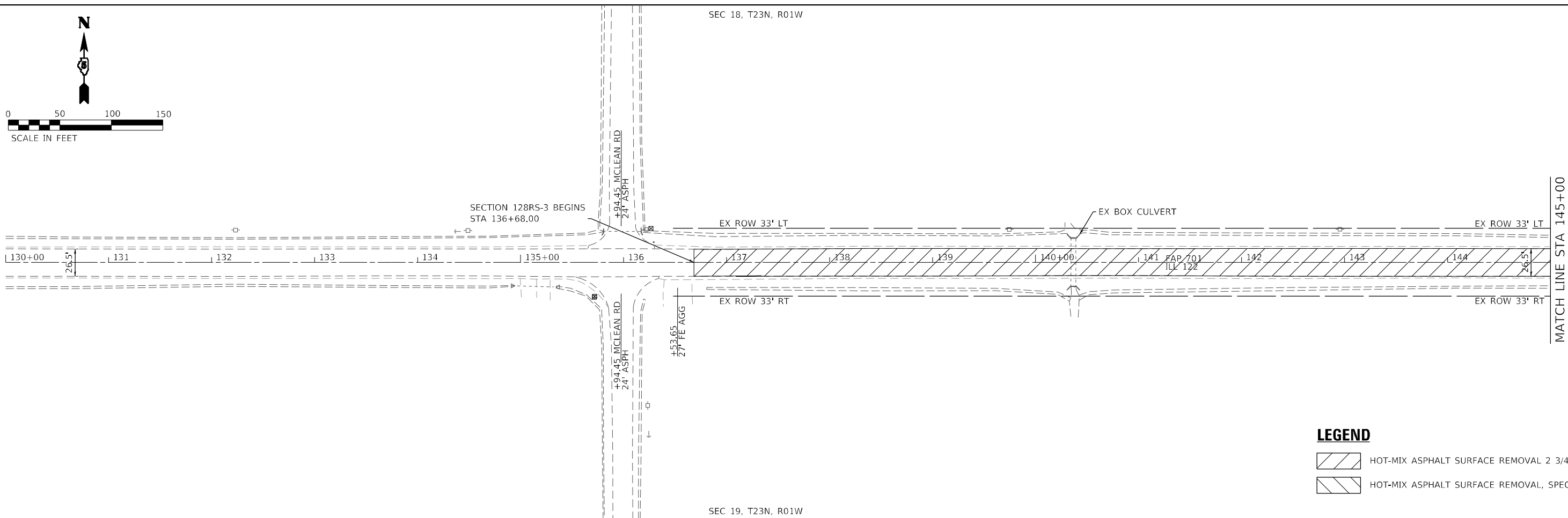
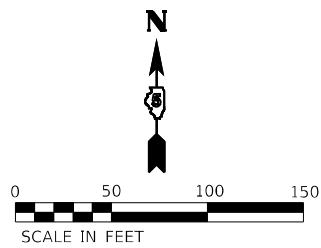
STA. 398+58.92 OFFSET 3.070



1/2 SECTION CORNER

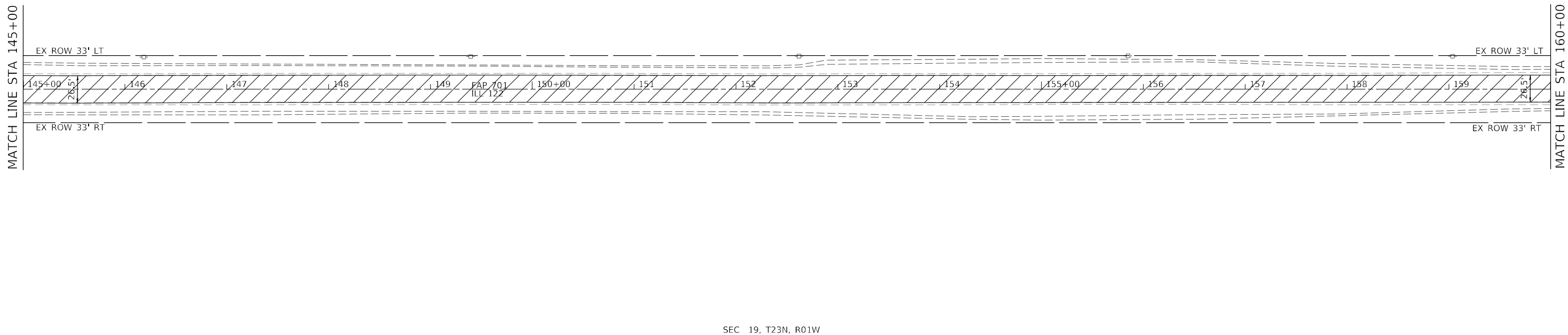
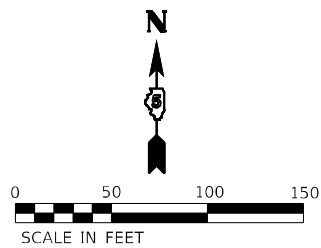
STA. 529+80.41 OFFSET 1.034





LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL



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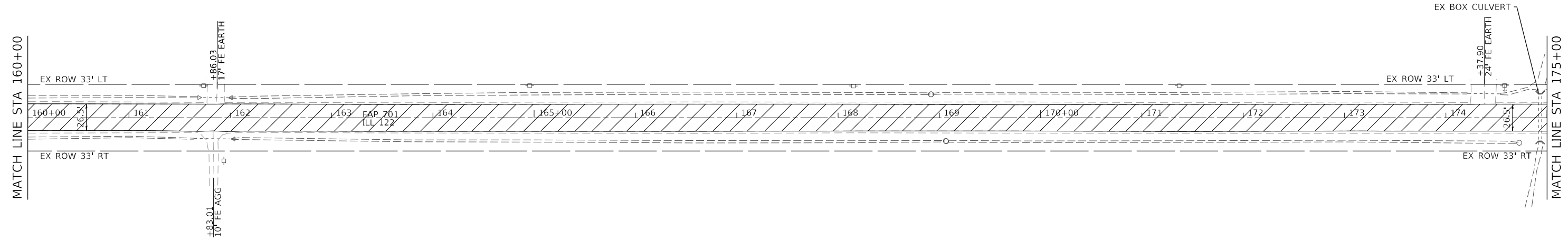
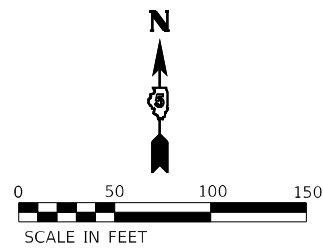
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEETS

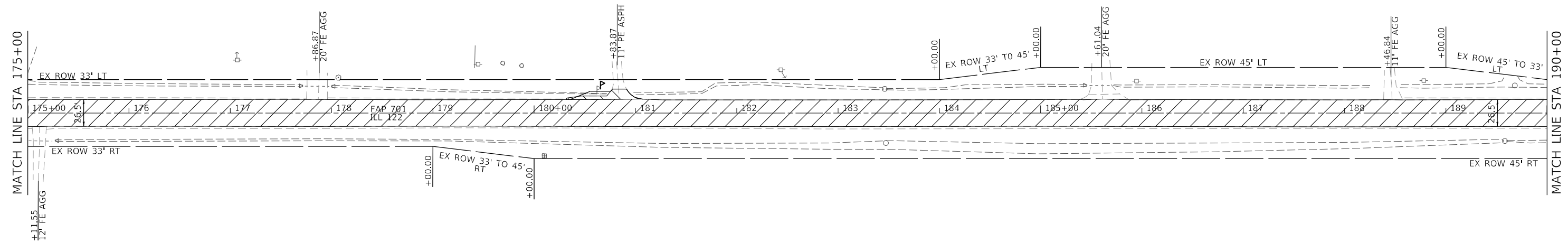
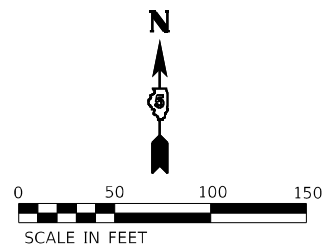
SCALE: 1"=50'	SHEET 1	OF 14 SHEETS	STA. 130+00	TO STA. 160+00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	13
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL



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DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

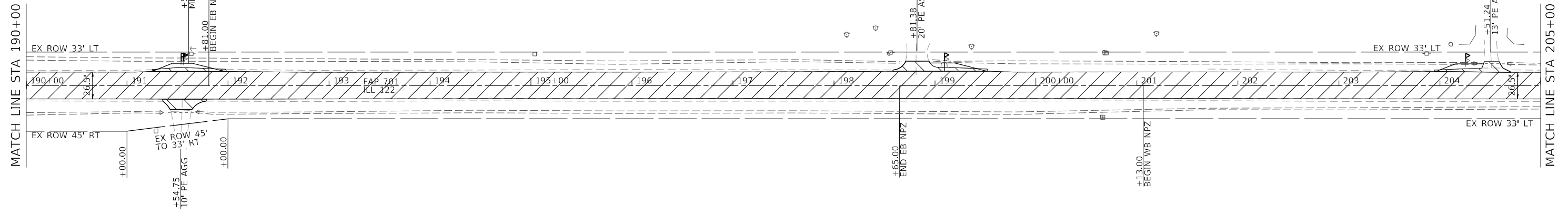
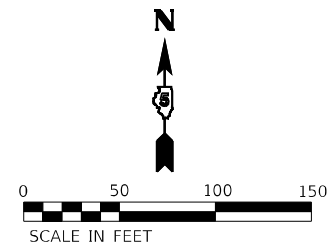
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 2 OF 14 SHEETS STA. 160+00 TO STA. 190+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	14
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

SEC 17, T23N, R01W

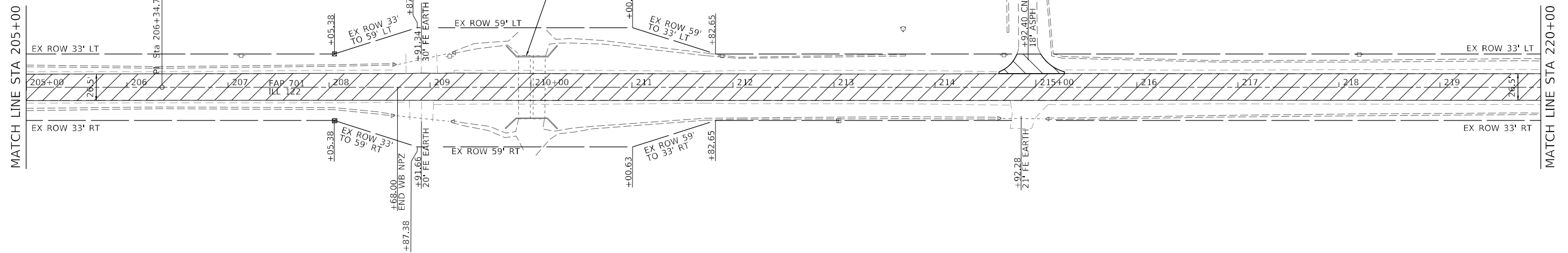
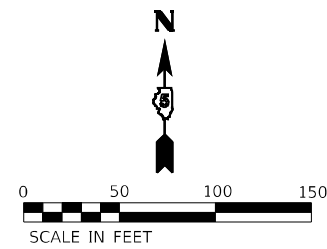


LEGEND

- [Hatched pattern] HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- [Hatched pattern] HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC 20, T23N, R01W

SEC 17, T23N, R01W



SEC 20, T23N, R01W

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USER NAME = chris.zimmermann	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

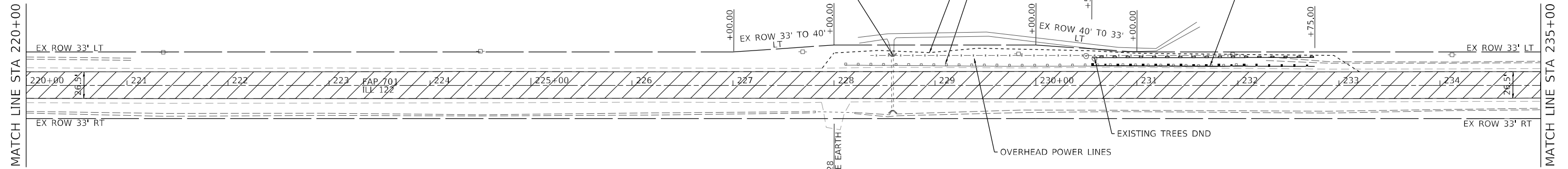
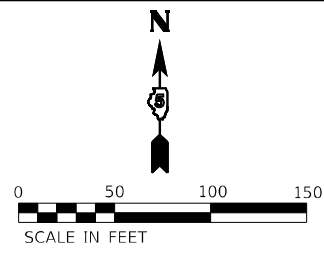
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 3 OF 14 SHEETS STA. 190+00 TO STA. 220+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	15
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

SEC 17, T23N, R01W

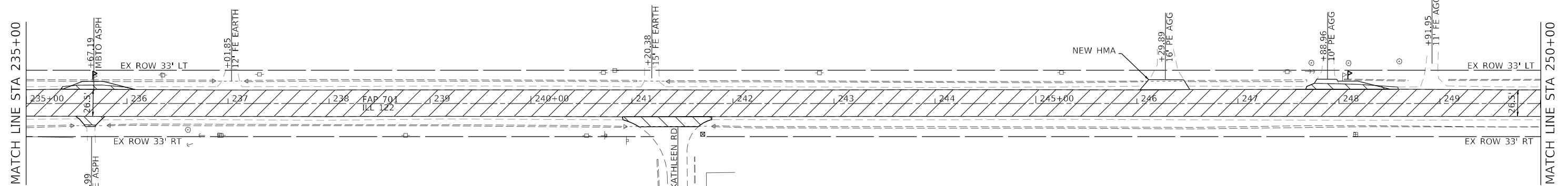
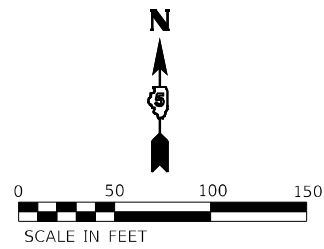


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL
- PERIMETER EROSION CONTROL BARRIER

SEC 20, T23N, R01W

SEC 16, T23N, R01W



SEC 21, T23N, R01W

MODEL: D:\70778\Reg\144...
 FILE NAME: I:\R22\1022 - DB\Veribus_Veribus_PTB_199-02\122\1052-002 - IL_122_Rev.rvt
 USER: chris.zimmermann
 DATE: 1/28/2022



USER NAME = chris.zimmermann	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
DATE = 1/28/2022	DATE -	REVISED -

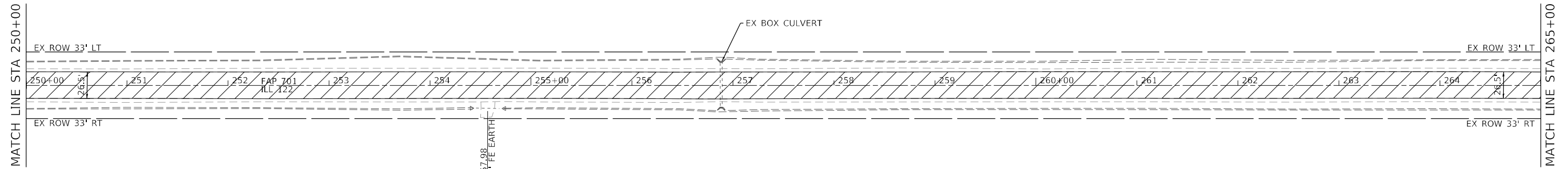
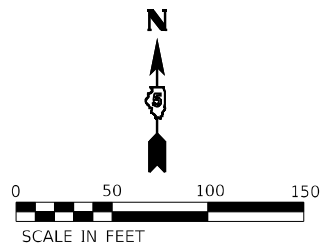
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 4 OF 14 SHEETS STA. 220+00 TO STA. 250+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	16
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

SEC 17, T23N, R01W

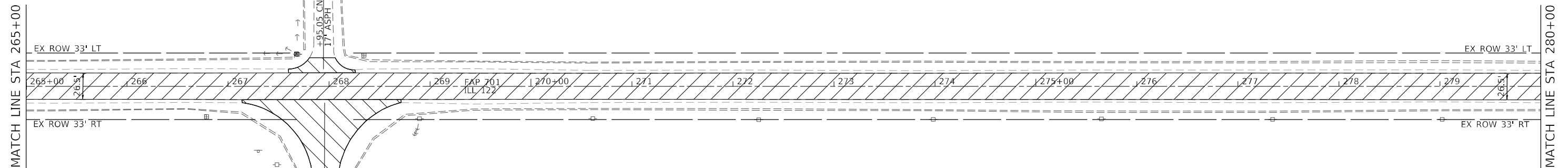
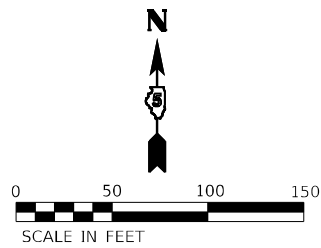


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC 21, T23N, R01W

SEC 17, T23N, R01W



SEC 21, T23N, R01W

MODEL: D:\70778\Regd\15... FILE NAME: I:\R22\022 - DB\Veribus_Veribus_PTB_199-027\22\052\002 - IL_122_Rev.rvt\dwg\CADD\Microstation\CADD_Drawing\0570778\pba\plan.dgn



USER NAME = chris.zimmermann	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

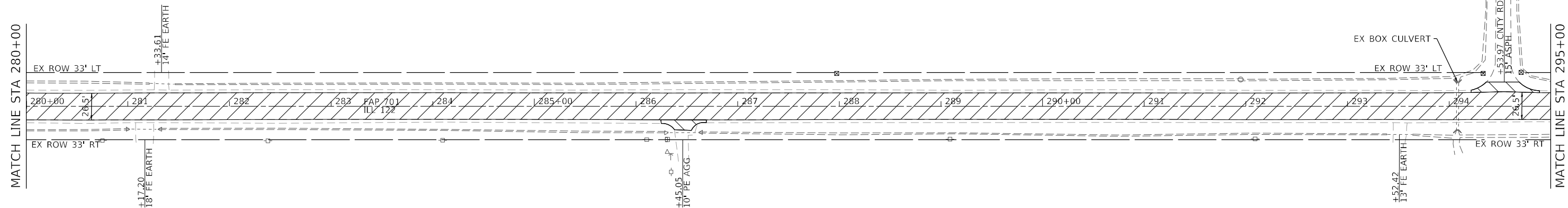
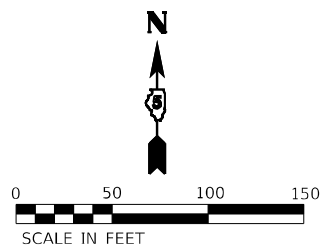
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 5 OF 14 SHEETS STA. 250+00 TO STA. 280+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	17
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

SEC 16, T23N, R01W

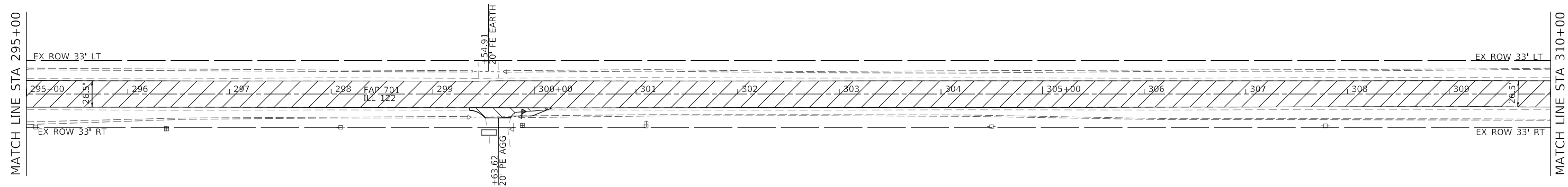
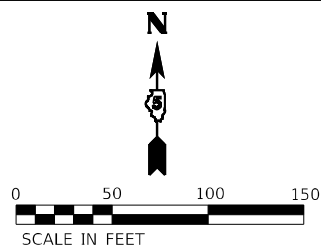


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC 21, T23N, R01W

SEC 15, T23N, R01W



SEC 22, T23N, R01W

MODEL: D:\70778\Regd\116... FILE NAME: I:\P\221022 - DB_Veribus_Veribus_PTB_199-021221052-002 - IL_122_Resurfacing\CADD\Microstation\CADD_Drawing\0570778\Asphplan1.dgn



USER NAME = chris.zimmermann	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

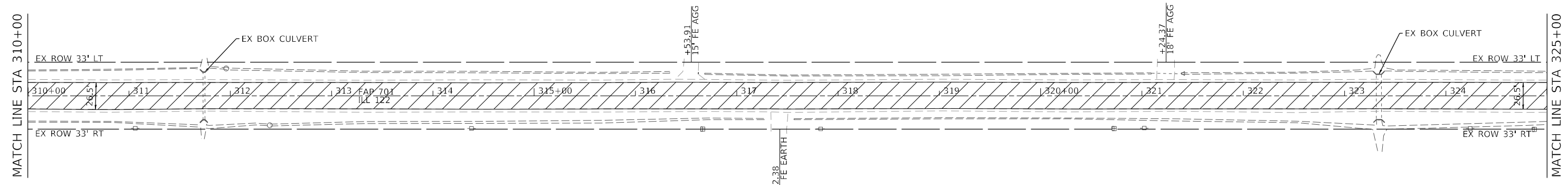
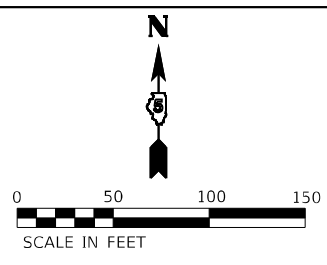
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 6 OF 14 SHEETS STA. 280+00 TO STA. 310+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	18
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

SEC 15, T23N, R01W

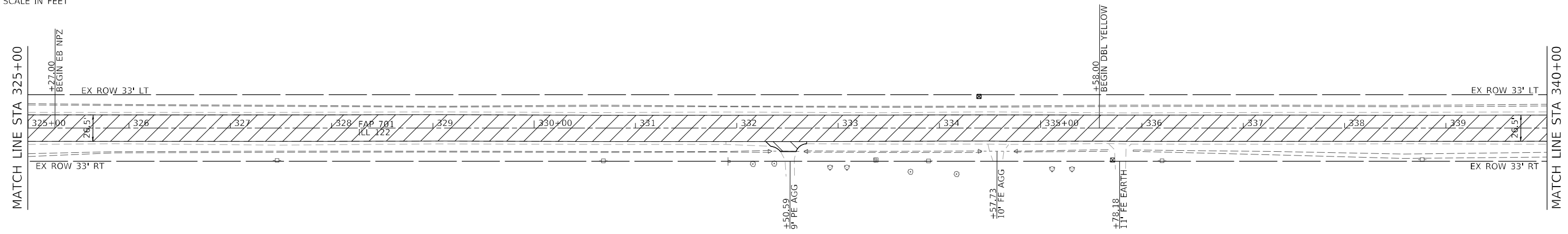
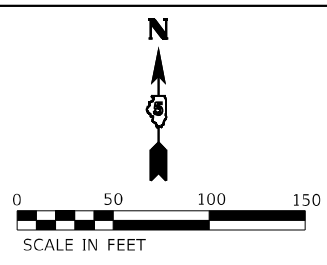


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC 22, T23N, R01W

SEC 15, T23N, R01W



SEC 22, T23N, R01W

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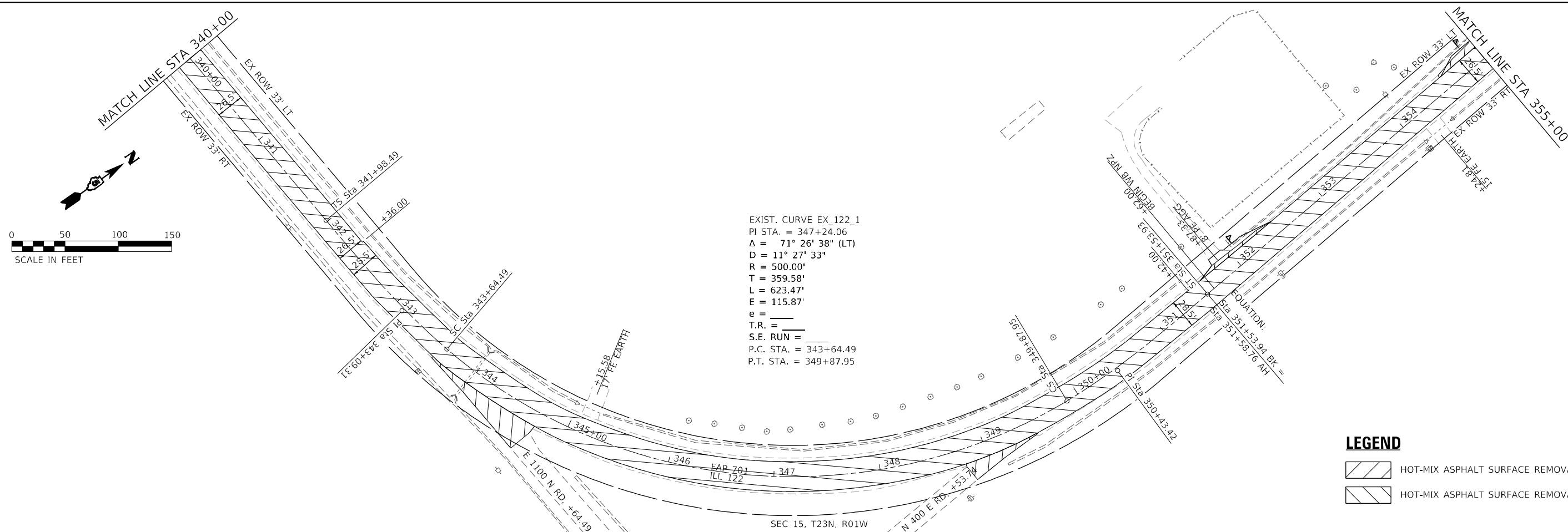
USER NAME = chris.zimmermann	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
DATE = 1/28/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 7 OF 14 SHEETS STA. 310+00 TO STA. 340+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	19
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

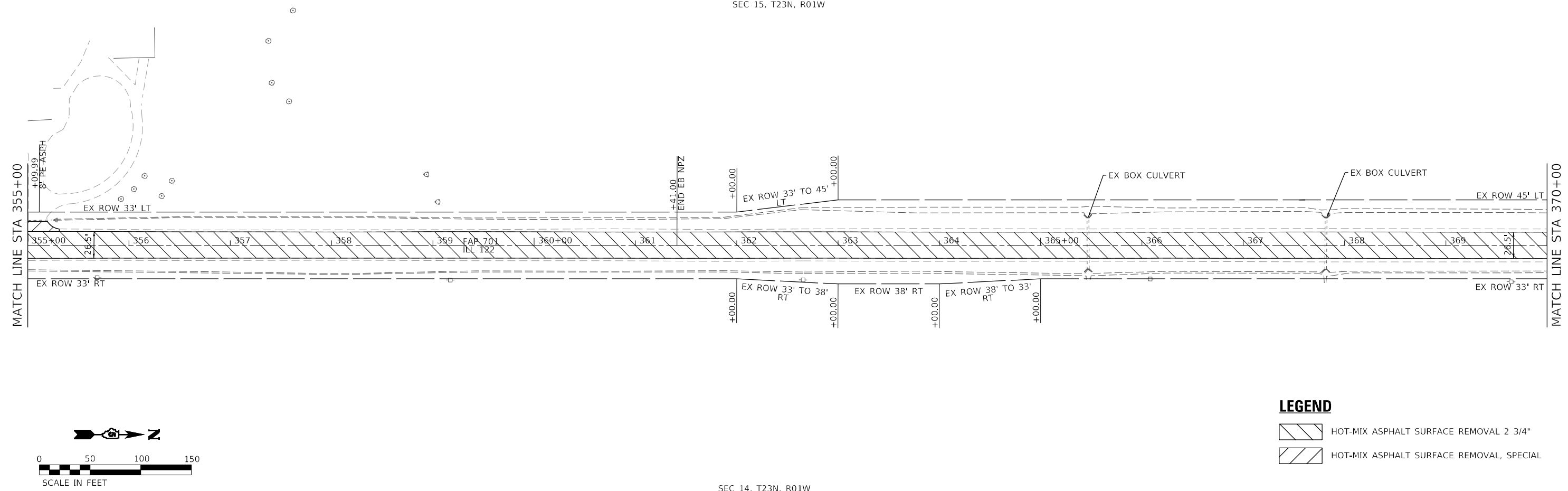


EXIST. CURVE EX_122_1
 PI STA. = 347+24.06
 $\Delta = 71^\circ 26' 38''$ (LT)
 $D = 11^\circ 27' 33''$
 $R = 500.00'$
 $T = 359.58'$
 $L = 623.47'$
 $E = 115.87'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 343+64.49$
 $P.T. STA. = 349+87.95$

LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"

HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL



LEGEND

HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"

HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

MODEL: D:\70778\Reg\8
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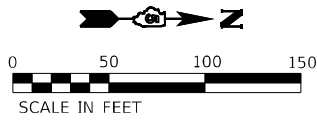
USER NAME = chris.zimmermann	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
DATE = 1/28/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

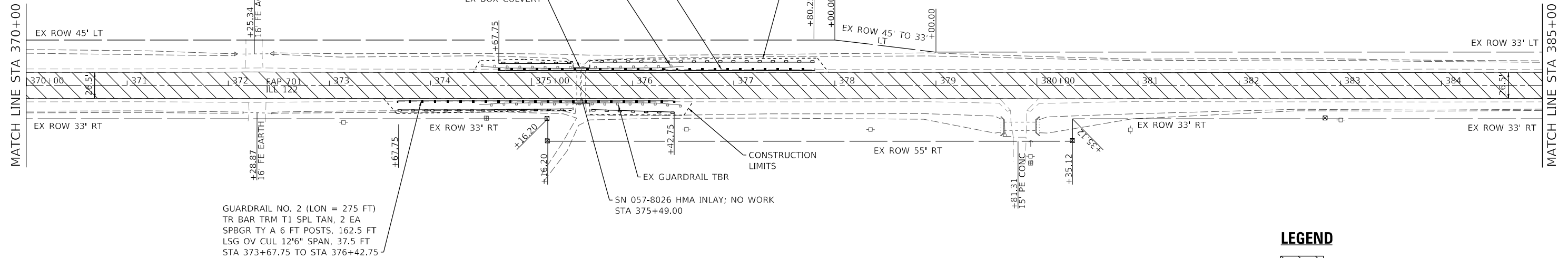
SCALE: 1"=50'	SHEET 8	OF 14 SHEETS	STA. 340+00	TO STA. 370+00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	20
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				



SEC 15, T23N, R01W

GUARDRAIL NO. 3 (LON = 275 FT)
 TR BAR TRM T1 SPL TAN, 2 EA
 SPBGR TY A 6 FT POSTS, 200.0 FT
 LSG OV CUL 12'6" SPAN, 37.5 FT
 STA 374+67.75 TO STA 377+80.25



GUARDRAIL NO. 2 (LON = 275 FT)
 TR BAR TRM T1 SPL TAN, 2 EA
 SPBGR TY A 6 FT POSTS, 162.5 FT
 LSG OV CUL 12'6" SPAN, 37.5 FT
 STA 373+67.75 TO STA 376+42.75

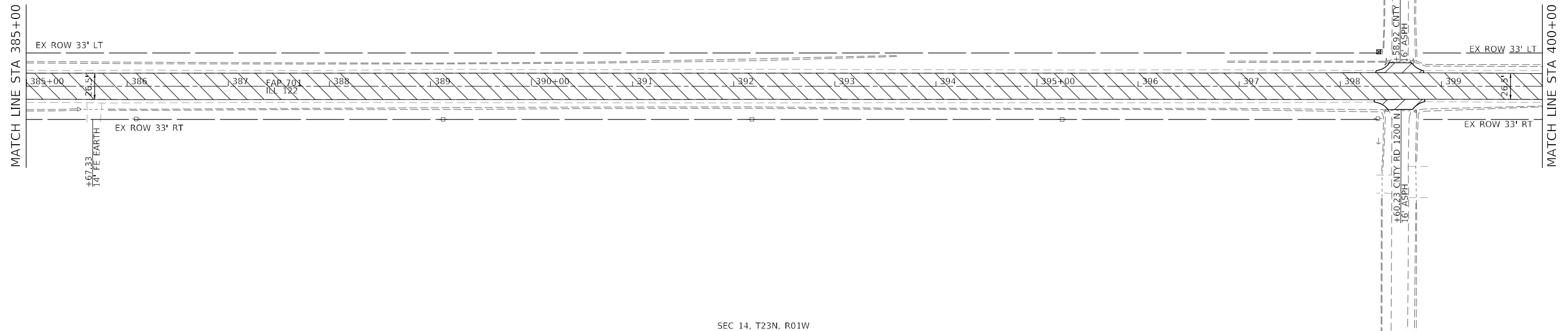
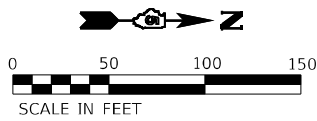
SN 057-8026 HMA INLAY; NO WORK
 STA 375+49.00

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL
- PERIMETER EROSION CONTROL BARRIER

SEC 14, T23N, R01W

SEC 15, T23N, R01W



SEC 14, T23N, R01W

MODEL: D:\70778\Helding9
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 User: chris.zimmermann
 Date: 1/28/2022



USER NAME = chris.zimmermann
 DESIGNED -
 DRAWN -
 PLOT SCALE = 100,0000' / in.
 CHECKED -
 DATE -
 REVISIONS -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 REVISIONS -

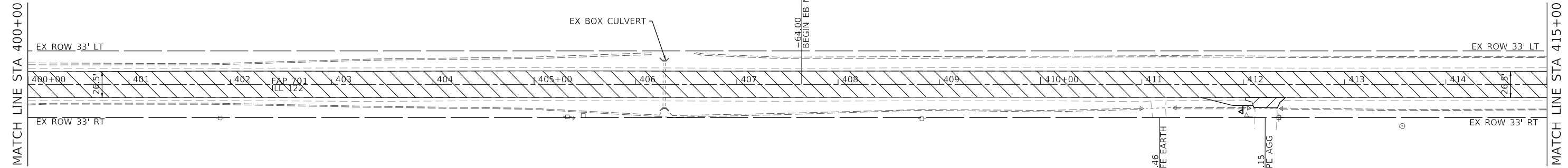
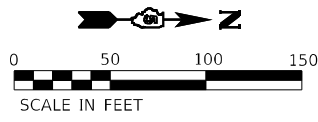
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 9 OF 14 SHEETS STA. 370+00 TO STA. 400+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	21
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

SEC 10, T23N, R01W

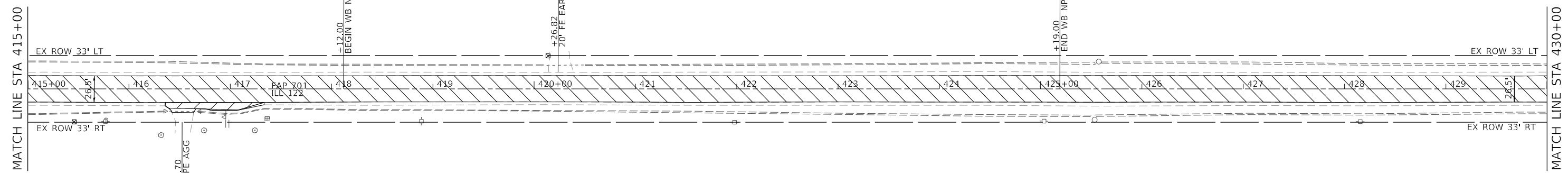
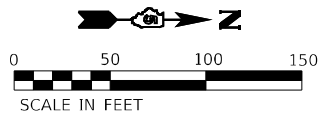


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC 11, T23N, R01W

SEC 10, T23N, R01W



SEC 11, T23N, R01W

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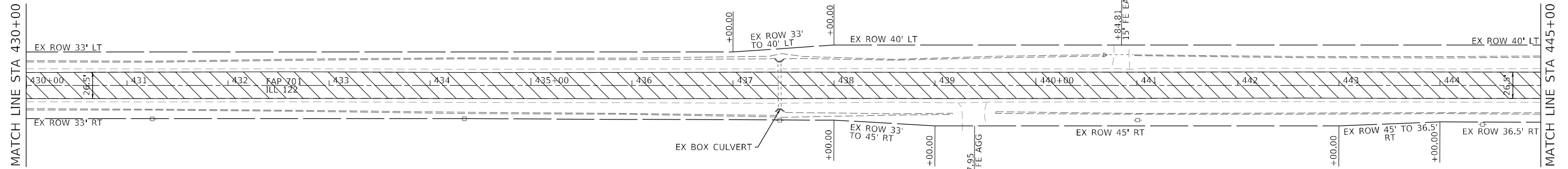
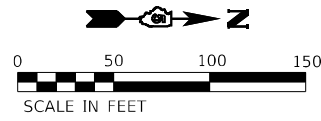
USER NAME = chris.zimmermann	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS			
SCALE: 1"=50'	SHEET 10	OF 14 SHEETS	STA. 400+00 TO STA. 430+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	22
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

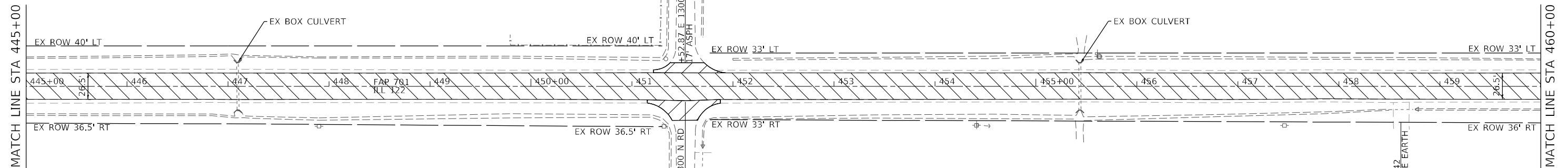
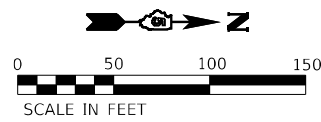
SEC 10, T23N, R01W



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC 11, T23N, R01W



SEC 02, T23N, R01W

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USER NAME = chris.zimmermann	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
DATE = 1/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

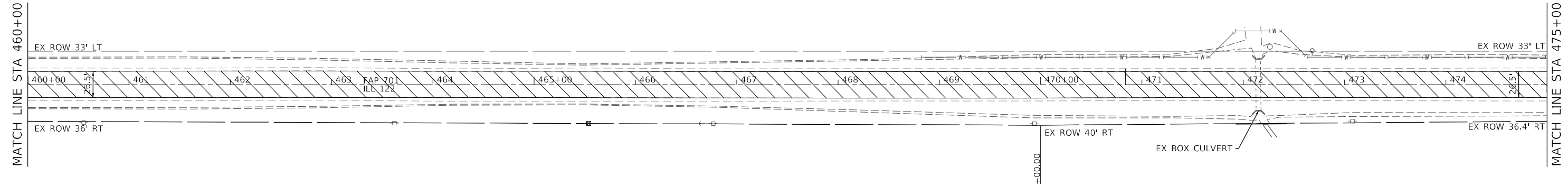
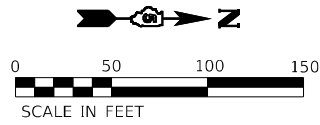
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 11 OF 14 SHEETS STA. 430+00 TO STA. 460+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	23
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

SEC 02, T23N, R01W

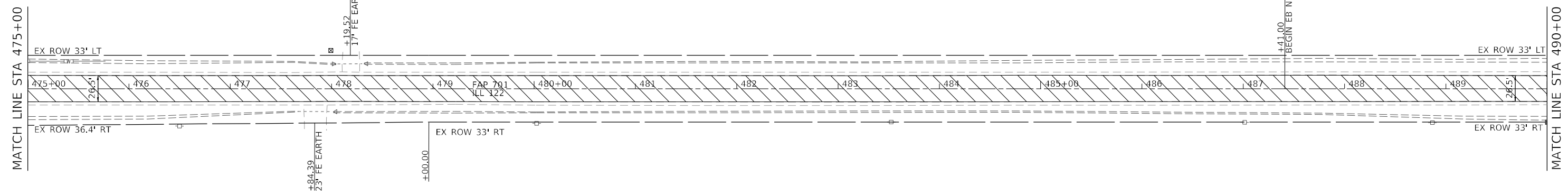
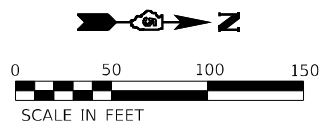


LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC 02, T23N, R01W

SEC 03, T23N, R01W



SEC 02, T23N, R01W

MODEL: D:\70778\RegIn12
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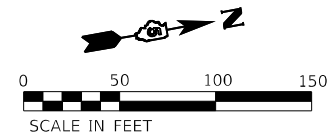
USER NAME = chris.zimmermann	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 12 OF 14 SHEETS STA. 460+00 TO STA. 490+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	24
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				



SEC 03, T23N, R01W



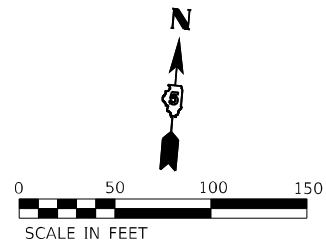
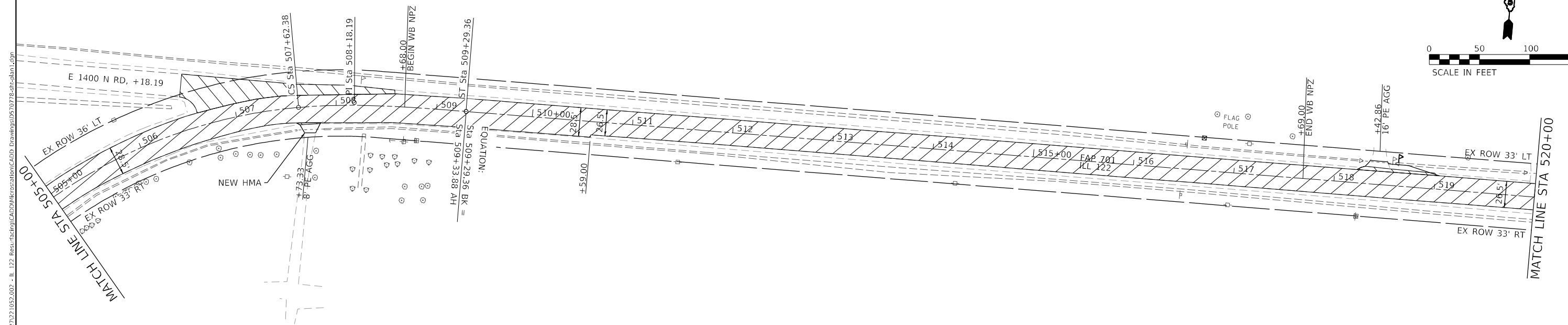
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 $D = 11^\circ 28' 56''$
 $R = 499.00'$
 $T = 354.76'$
 $L = 616.79'$
 $E = 113.25'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 501+45.59$
 $P.T. STA. = 507+62.38$

LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC 02, T23N, R01W

SEC 35, T24N, R01W



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

SEC 02, T23N, R01W

MODEL: D:\9778\Reg\13
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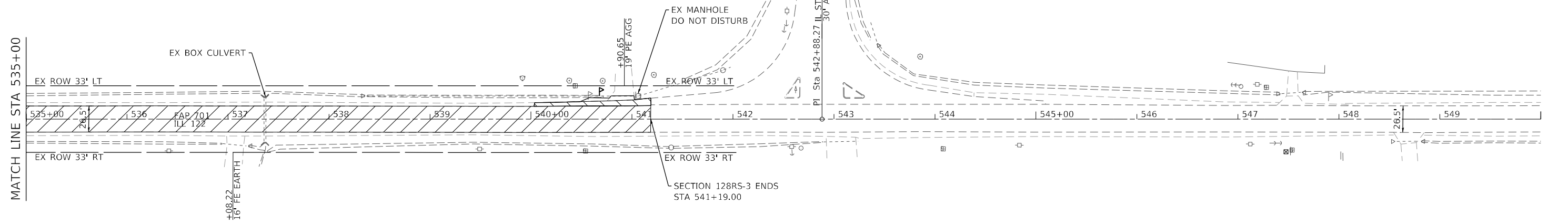
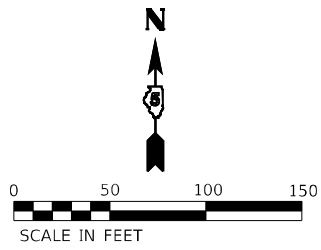
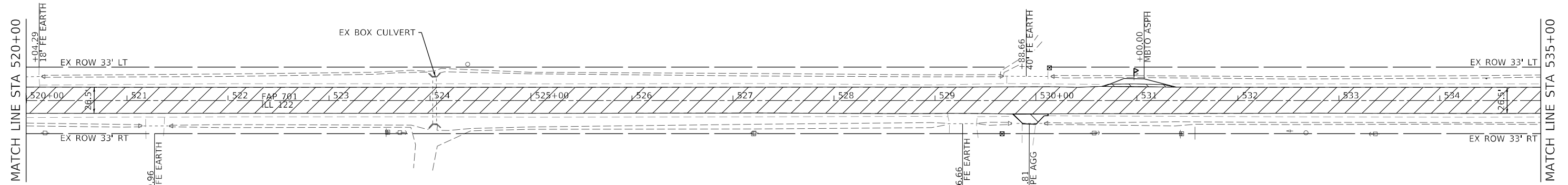
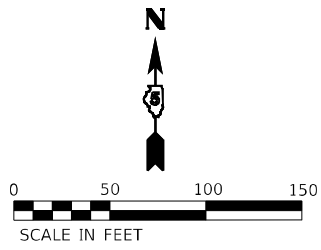
USER NAME = chris.zimmermann	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 13 OF 14 SHEETS STA. 490+00 TO STA. 520+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	25
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				



LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL 2 3/4"
- HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL

MODEL: D:\70778\Reg\14... FILE NAME: I:\R22\022 - D3_Veribus_Veribus_PTB_199-02\122\052_002 - IL_122_Rev.rvt\dwg\CADD\MicroStation\CADD_Drawing\0570778\Veribus.dgn



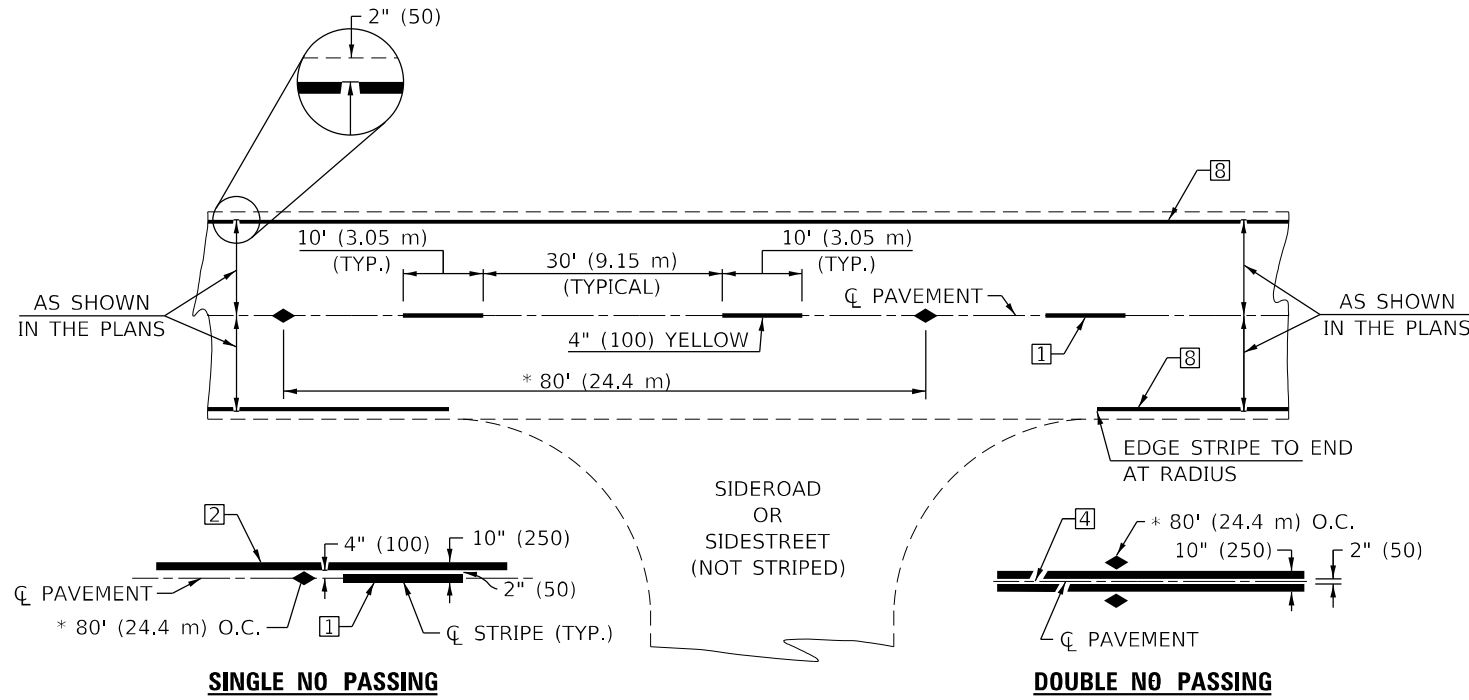
USER NAME = chris.zimmermann	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: 1"=50' SHEET 14 OF 14 SHEETS STA. 520+00 TO STA. 550+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	26
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

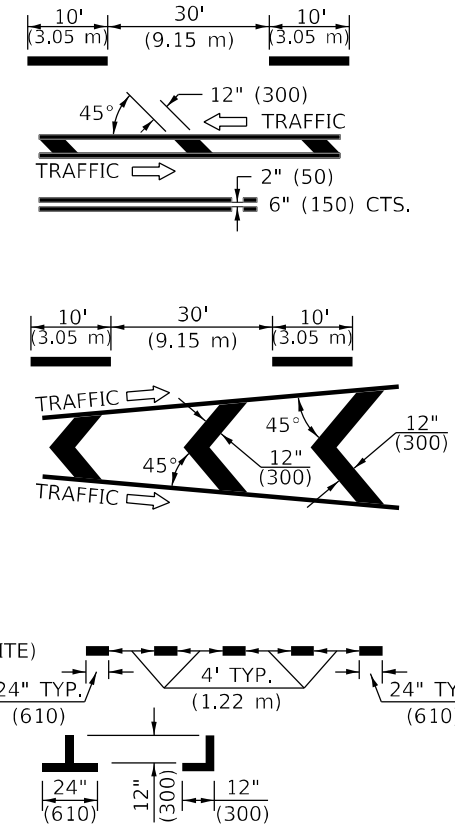
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

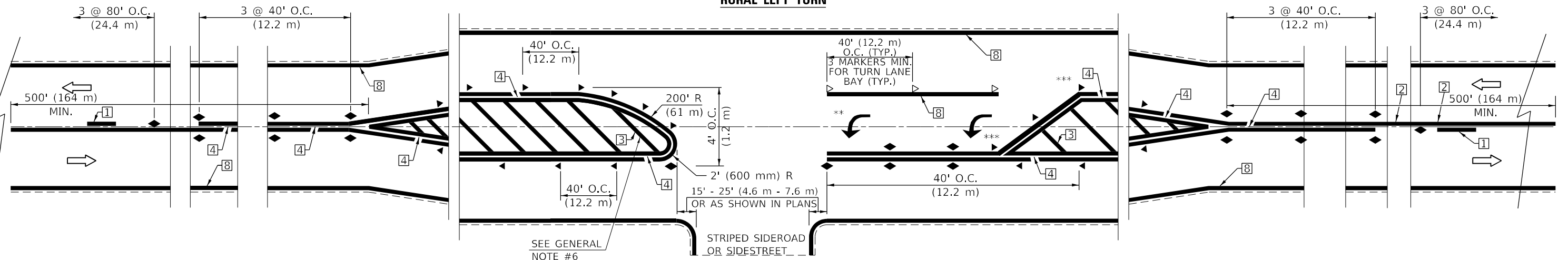
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

MODEL: D:\p\h\... FILE NAME: I:\p\221052... ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115



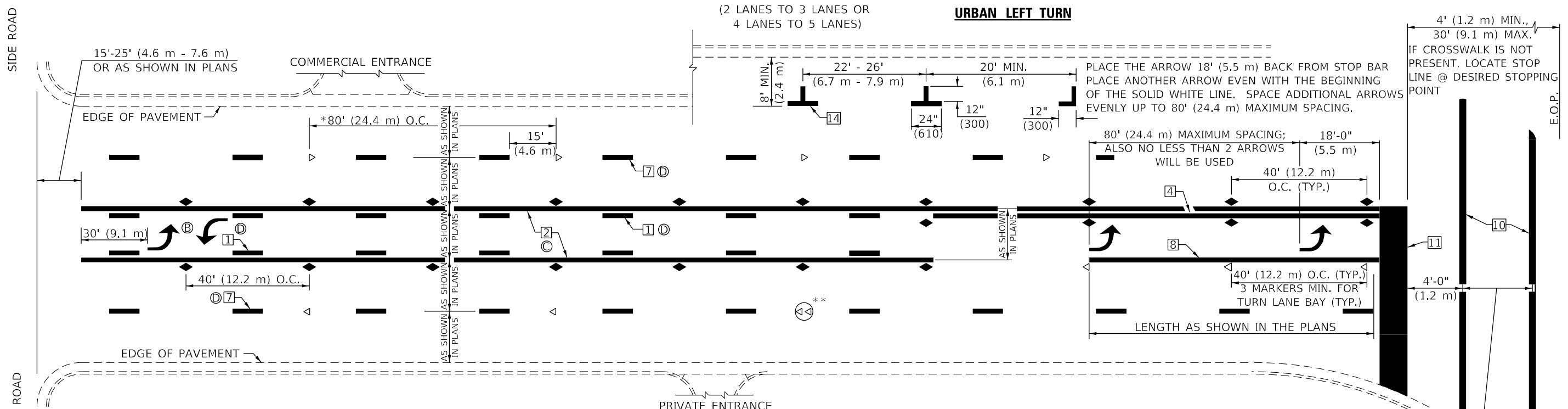
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	DRAWN -	REVISD - 9/2009 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISD - 04/14 JLA
PLOT DATE = 1/28/2022	DATE -	REVISD - 3/2019 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	27
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

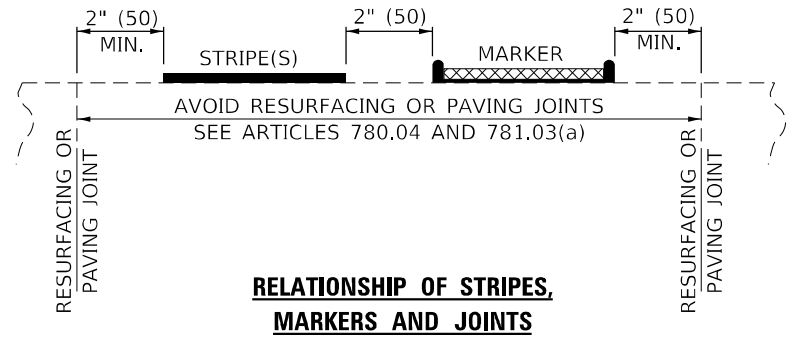
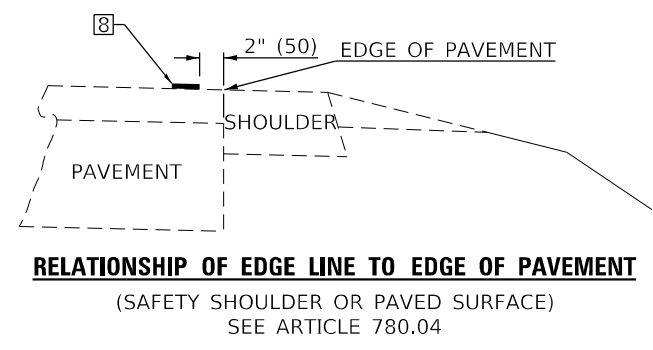
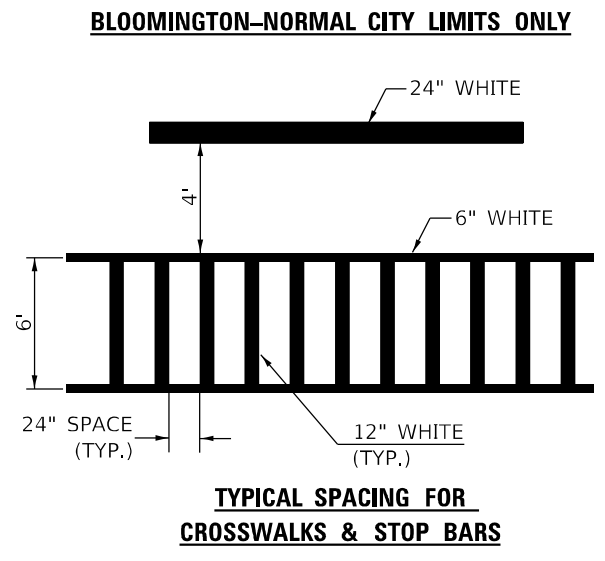
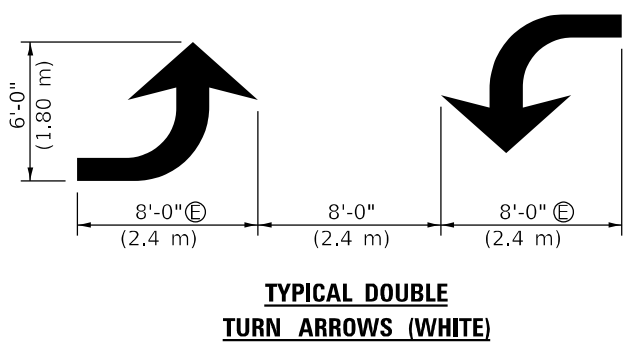
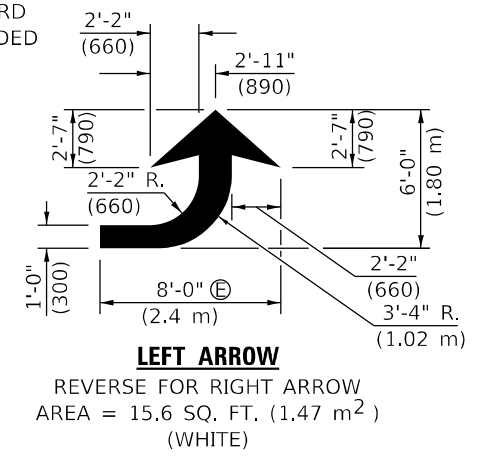


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

GENERAL NOTES:

- Ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- Ⓒ THE SOLID YELLOW PAVEMENT MARKINGS ② SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- Ⓓ THE SKIP-DASH PAVEMENT MARKINGS ① OR ⑦ SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- Ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

MODEL: Default; FILE NAME: I:\021052 - DS Veribus - Veribus PFB 199-021052-002 - IL 122 Rev.rfdm\CAADD\Microstation\CADD Drawings\0570778\pdm-detailed\pdm.dgn



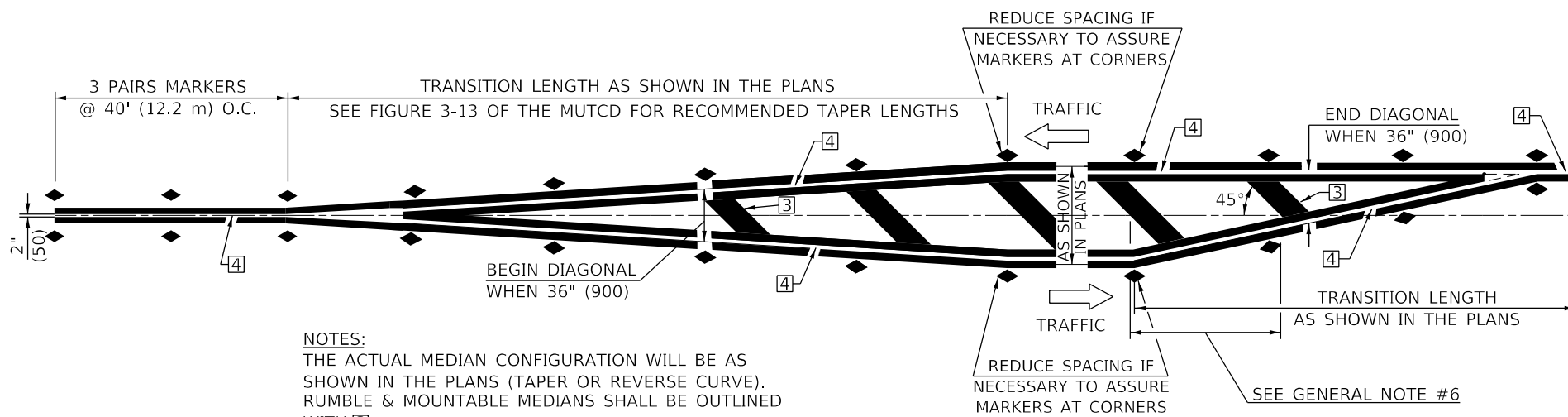
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	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 1/28/2022	DATE -	REVISED - 3/2019 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	28
			CONTRACT NO. 70778	
ILLINOIS FED. AID PROJECT				

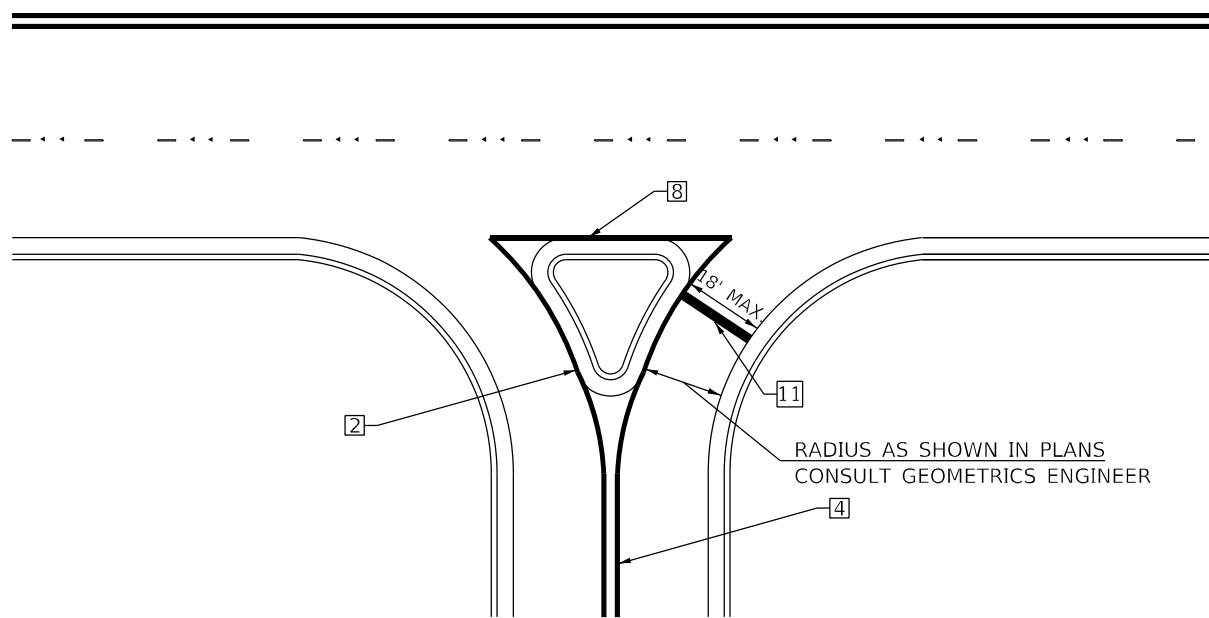


NOTES:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

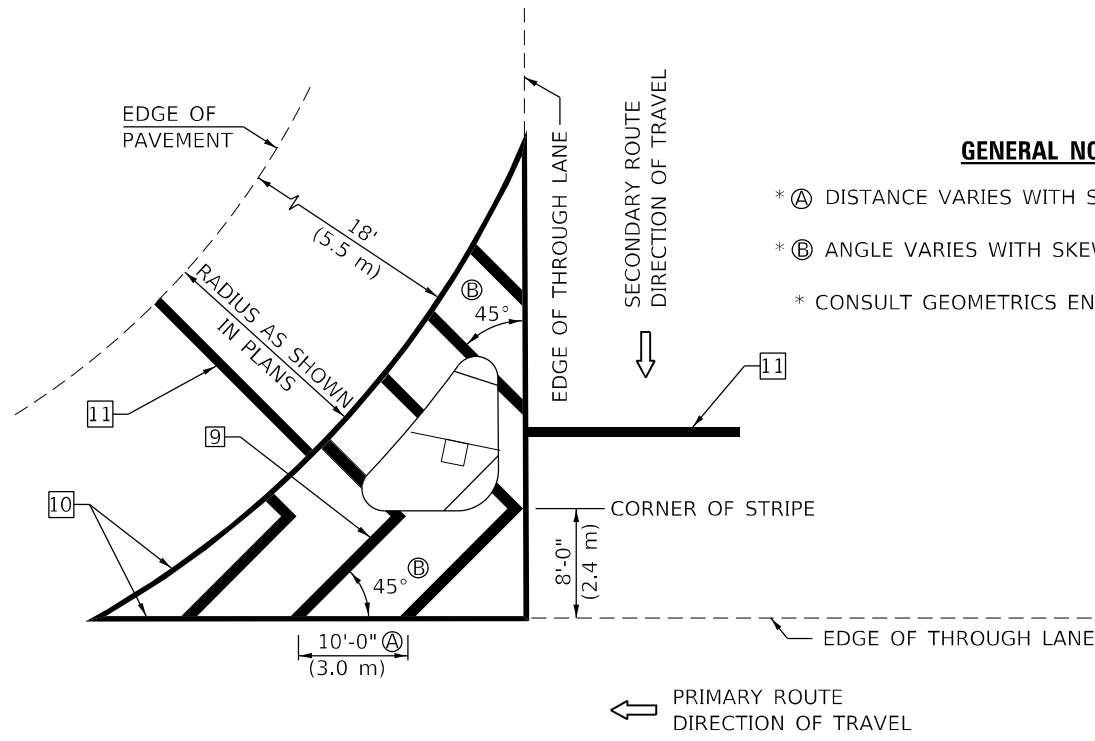
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
<30 MPH USE 15' (<50 km/h USE 4.5 m)
30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
>45 MPH USE 30' (>75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- * A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * B ANGLE VARIES WITH SKEW OF INTERSECTION.
- * CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

MODEL: Default
FILE NAME: I:\021052 - DS Veribus - Veribus PTB 199-021052-1052-002 - IL 122 Rev.rfd\cadd\microstation\CADD Drawing\0570778\p-detailed\pml.dgn



USER NAME = chris.zimmermann	DESIGNED -	REVISED - 11/06
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PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 1/28/2022	DATE -	REVISED - 3/2019 SWN

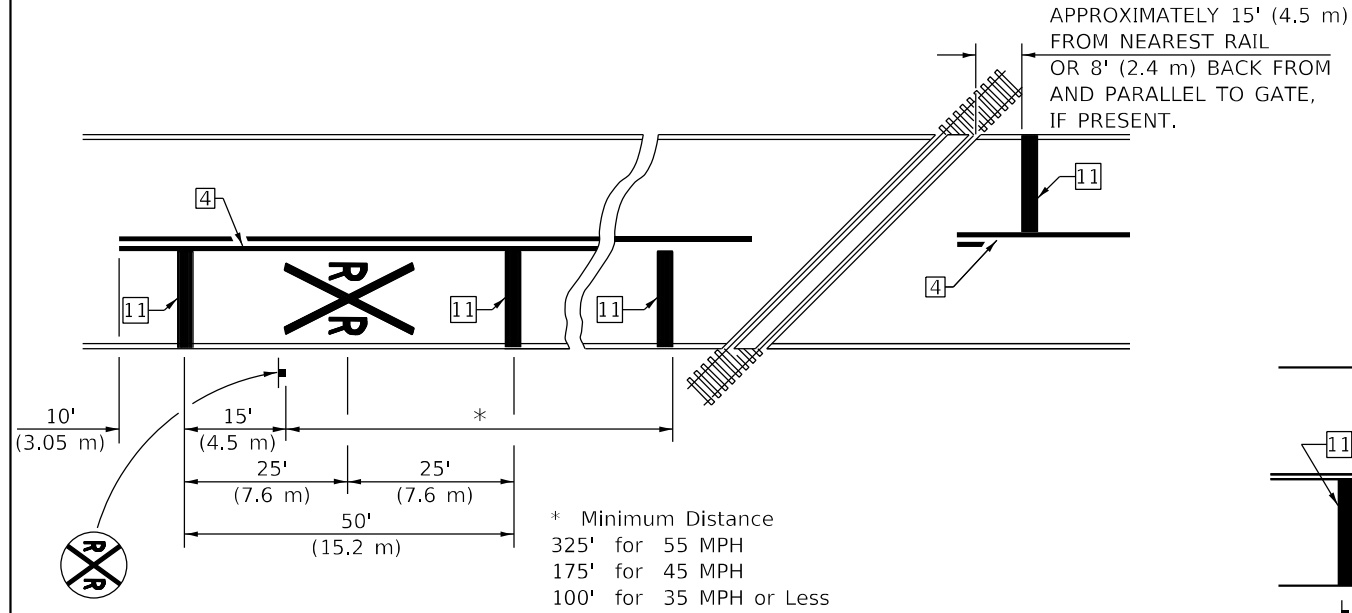
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

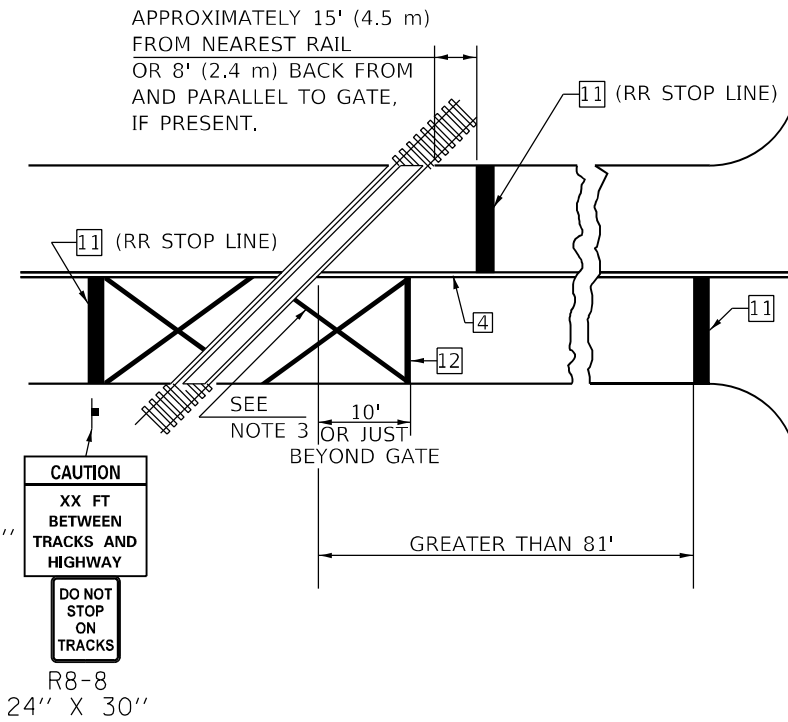
SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	29
			CONTRACT NO. 70778	
ILLINOIS FED. AID PROJECT				

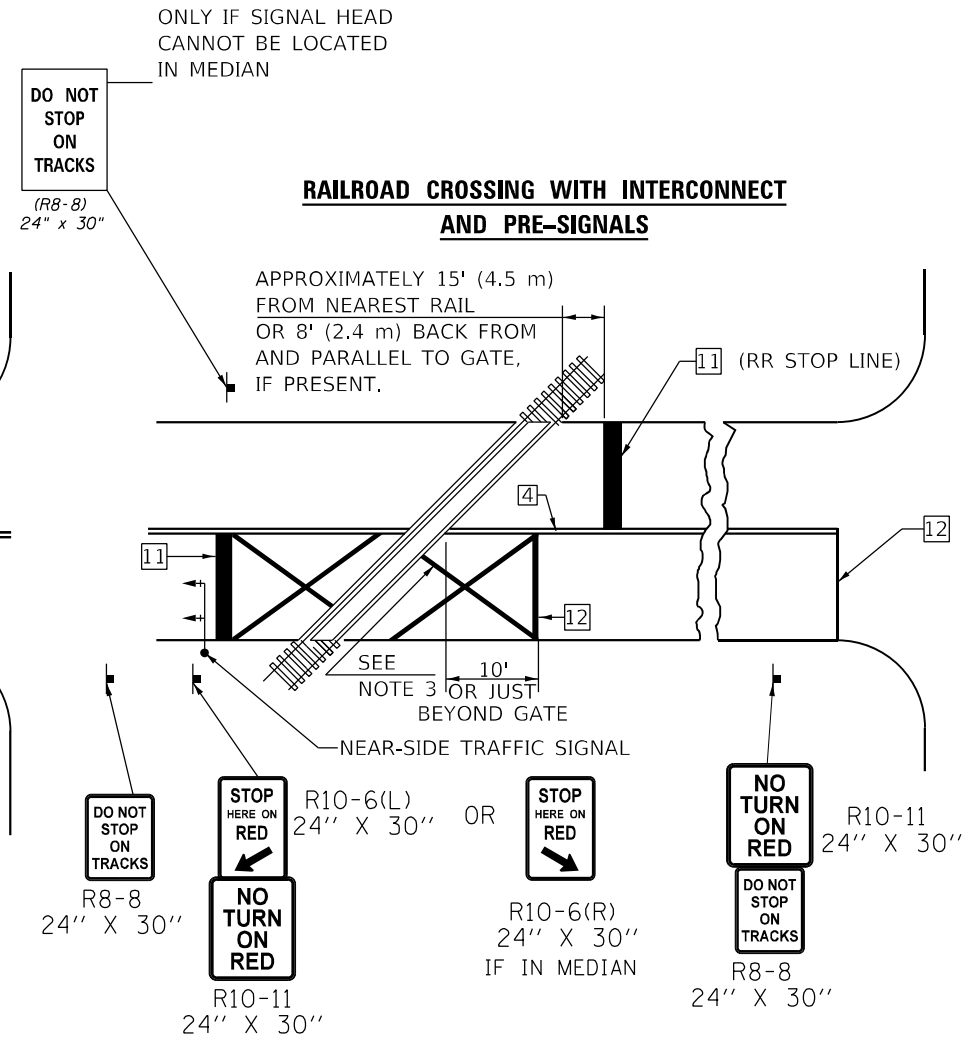
DESIGNER NOTE: SEE TABLE 2C-4 OF THE MUTCD FOR ADDITIONAL INFORMATION



RAILROAD CROSSING WITH INTERCONNECT ONLY

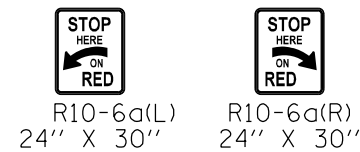


RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

ALTERNATE SIGNS

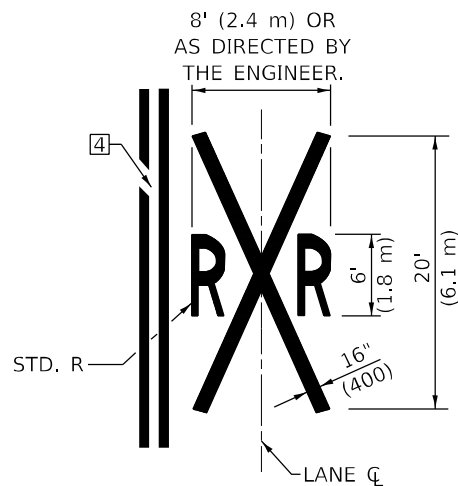


NOTES

- THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.
- ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.
- WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAA



USER NAME = chris.zimmermann	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 1/28/2022	DATE -	REVISED - 3/2019 SWN

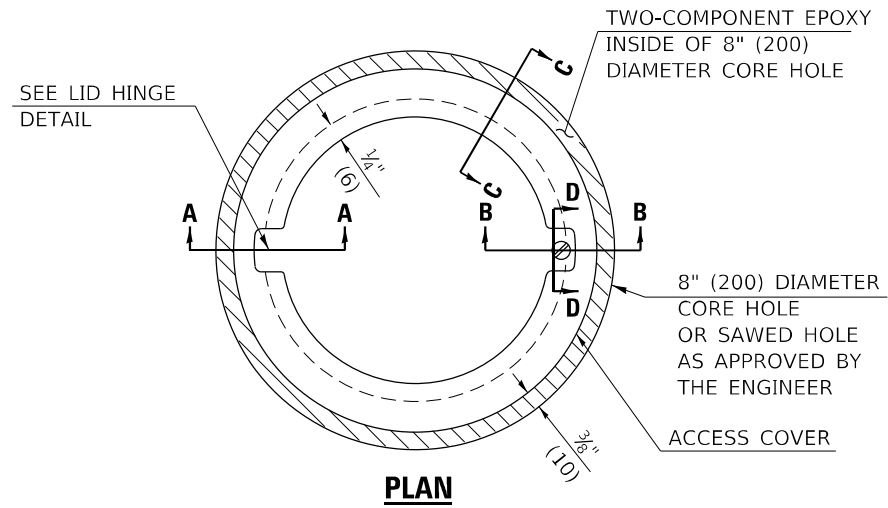
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	30
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT
FOR PRESERVING LAND SURVEY MONUMENTS (SECTION
OR SUBSECTION CORNERS)

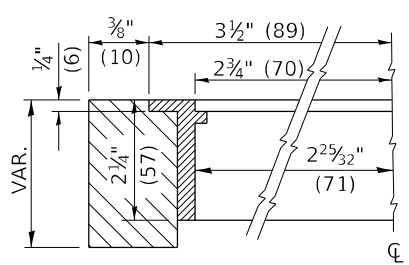


PLAN

LEGEND

- ALUMINUM CASTING
- 5" (125) OR 6" (150) P.V.C. PIPE
- TWO-COMPONENT EPOXY

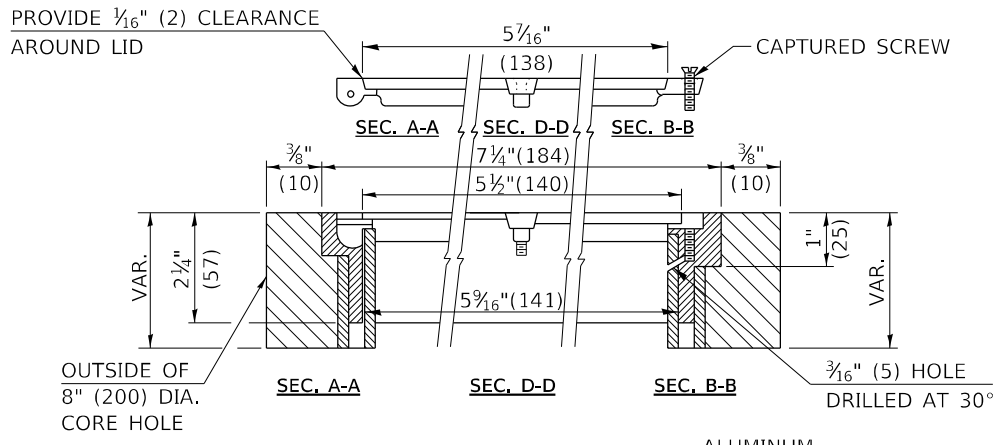
T = THICKNESS OF PAVEMENT STRUCTURE
H = THE THICKNESS OF THE SUB-BASE GRANULAR + 1" (25)



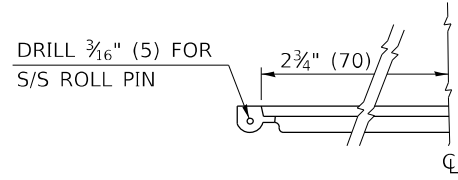
SECTION C-C

SPECIFICATIONS FOR ACCESS COVER FOR USE WITH SURVEY MARKER VAULT(S) AND SURVEY MARKER COVER ASSEMBLY(S): THE ACCESS COVER WILL BE CAST FROM A SPECIAL ALUMINUM ALLOY THAT IS COMPARABLE TO BRONZE IN HARDNESS. THE ACCESS COVER SHALL BE SPECIALLY ENGINEERED AND DESIGNED TO PROVIDE A SNUG FIT, INCORPORATING EQUIDISTANT LOCKING RIDGES, INSIDE A STANDARD 6" (150 mm) DIAMETER, OR OUTSIDE A STANDARD 5" (125 mm) DIAMETER, SCHEDULE 40 PVC PIPE. THE ACCESS COVER SHALL HAVE SPECIAL UNIFORM 1" (25 mm) THICK TOP SURFACE TO PERMIT INFORMATION TO BE EASILY MACHINE-STAMPED INTO IT. THE ACCESS COVER SHALL INCLUDE A STAINLESS CAPTURED SCREW AND AN OPPOSING RECESSED HINGE ASSEMBLY AS ITS LOCKING MECHANISM. THE ACCESS COVER SHALL INCORPORATE A SPECIAL ACCESS HOLE FOR CLEANING AND DRAINAGE, DRILLED AT 30° INSIDE THE RING OF THE ACCESS COVER, TO THE DRILLED AND TAPPED HOLE PROVIDED FOR THE STAINLESS CAPTURED SCREW. COMPOSITION: ALUMINUM 92-93%; MAGNESIUM 6.5-7.5%. STRENGTH: YIELD - 19,000-21,000 PSI (131-145 MPa); TENSILE - 38,000-44,000 PSI (262-303 MPa); ELONGATION - 10-15% IN 2" (50 mm). SPECIFICATIONS: ALLOY 535.0; QQ-A-601Es. NO EXCEPTIONS.

RE-BAR-SURVEY MARKER, TYPE I, (SPECIAL) TO BE FURNISHED BY THE CONTRACTOR AND SET BY AN ILLINOIS PROFESSIONAL LAND SURVEYOR (SEE SPECIAL DETAIL SHEET FOR ALUMINUM TABLET AND RE-BAR SPECIFICATIONS).



ELEVATION



LID HINGE DETAIL

BILL OF MATERIAL

ALUMINUM CASTING OF THE DIMENSIONS AND SPECIFICATIONS SHOWN OR OTHER SUBJECT TO ENGINEER'S APPROVAL OF SHOP DRAWINGS, 5" OR 6" (125 mm OR 150 mm) DIAMETER P.V.C. PIPE, SCHEDULE 40, ALUMINUM TABLET, STAMPED IN ACCORDANCE WITH STANDARD 667101. 5/8" X 48" (#15 X 1.2 m) RE-BAR, EPOXY AND FA-01/02 AGGREGATE.

GENERAL NOTES

1. ALUMINUM CASTING SHALL BE EITHER PLACED OVER A 5" (125 mm) P.V.C. PIPE OR INSIDE OF A 6" (150 mm) P.V.C. PIPE.
2. BACKFILL WITH FINE AGGREGATE - FA-01/02.
3. WORK SHALL NOT START ON THIS ITEM UNTIL THE FINAL LIFT OF SURFACE HAS BEEN COMPLETED.
4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR SURVEY MARKER VAULT WHICH PRICE SHALL INCLUDE ALL LABOR AND MATERIAL AS SPECIFIED INCLUDING CORING, EPOXY AND FA-01/02 AGGREGATE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
5. THE CASTING SHALL BE ANCHORED IN THE 8" (200 mm) DIAMETER CORE HOLE WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
6. ALL SURVEY MARKER (VAULTS) SHALL BE PLACED 1/4" (6 mm) | BELOW THE FINAL SURFACE.
7. THE 8" (200 mm) DIAMETER CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. X0301232



USER NAME = chris.zimmermann	DESIGNED -	REVISED - 11/06
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 1/28/2022	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

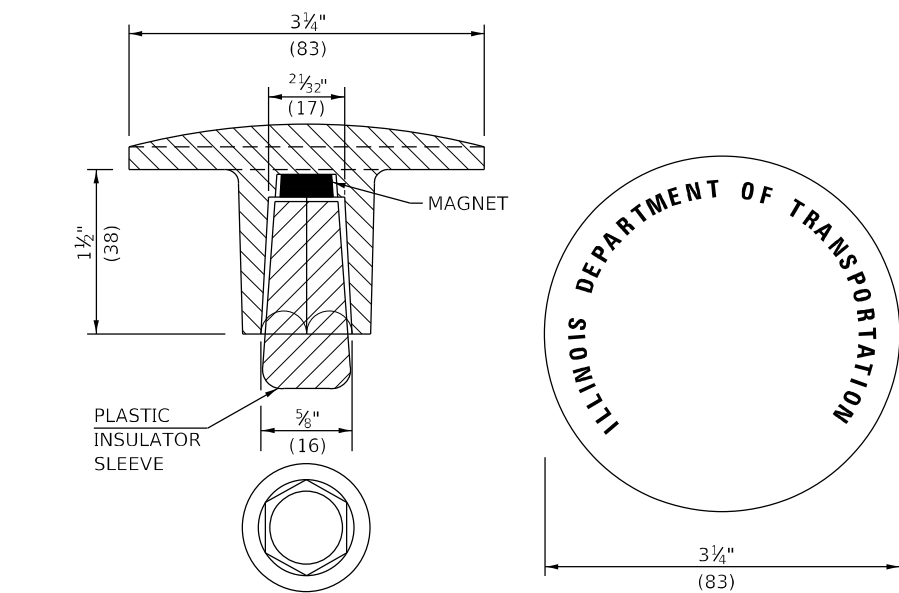
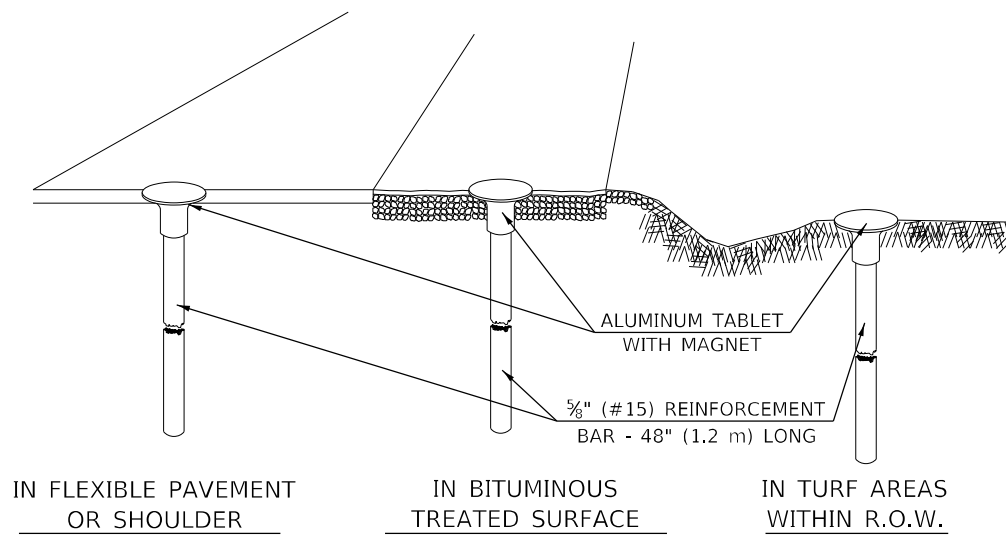
SURVEY MARKER VAULT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	31
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

XZ193300 – SURVEY MARKER, TYPE 1 (SPECIAL)

TO BE INSTALLED IN FLEXIBLE PAVEMENT OR SHOULDER, BITUMINOUS TREATED SURFACE AND TURF AREAS WITHIN THE RIGHT-OF-WAY FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



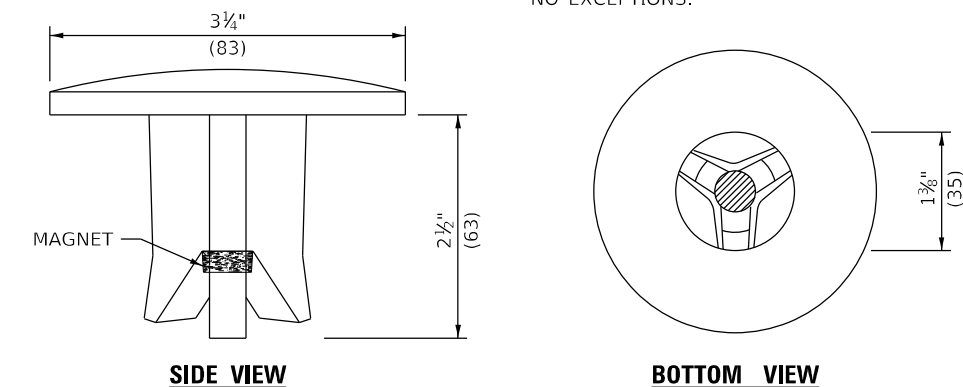
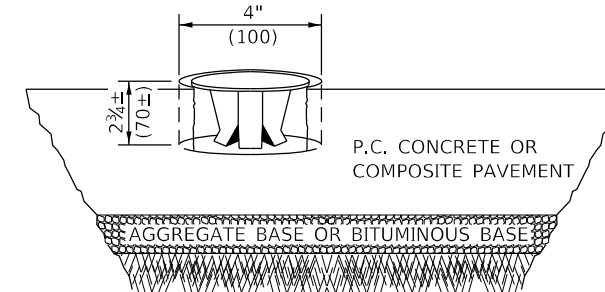
THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. THE CONTRACT UNIT PRICE, EACH, FOR SURVEY MARKER, TYPE 1 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE REINFORCEMENT BAR AND ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE.
2. ALL SURVEY MARKERS, TYPE 1 (SPECIAL) SHALL BE PLACED ±1/4" (6 mm) BELOW THE FINAL SURFACE.
3. WHEN THE TABLET AND REBAR ARE PLACED AS PART OF A SURVEY MARKER VAULT, THEY SHALL BE CONSIDERED AS INCLUDED IN THAT PAY ITEM AND THERE WILL BE NO PAYMENT FOR THE SURVEY MARKER, TYPE 1 (SPECIAL).

XZ193400 – SURVEY MARKER, TYPE 2 (SPECIAL)

TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING PERMANENT SURVEY MARKERS (PI'S, PT'S, PC'S, POC'S, & POT'S)



THE DIMENSIONS SHOWN SHALL BE EXACT, OTHERS MAY VARY, BUT SHALL BE SHOWN ON SHOP DRAWINGS.

GENERAL NOTES

1. WORK ON THIS ITEM SHALL NOT START UNTIL THE FINAL SURFACE IS COMPLETED.
2. THE ALUMINUM TABLET (FORKED) SHALL REST UPON THE BOTTOM OF THE 4" (100 mm) CORE HOLE. IF THE HOLE IS TOO DEEP, EPOXY GROUT MUST BE USED TO DECREASE THE DEPTH AND ALLOWED TO HARDEN BEFORE PROCEEDING.
3. THE ALUMINUM TABLET SHALL BE ANCHORED IN THE 4" (100 mm) DIAMETER HOLE IN THE NEW PAVEMENT WITH TWO-COMPONENT EPOXY CONFORMING TO APPLICABLE PORTIONS OF ARTICLE 1025.01 OF THE STANDARD SPECIFICATIONS.
4. THE 4" (100 mm) CORE HOLE SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
5. THE CONTRACT PRICE, EACH, FOR SURVEY MARKER, TYPE 2 (SPECIAL) SHALL BE PAYMENT IN FULL FOR FURNISHING THE ALUMINUM TABLET AND FOR ALL LABOR AND MATERIAL REQUIRED TO SET THE MARKER IN PLACE, AS SPECIFIED, INCLUDING CORING THE NEW PAVEMENT.
6. ALL SURVEY MARKERS, TYPE 2 (SPECIAL) SHALL BE PLACED ± 1/4" (6 mm) BELOW THE FINAL SURFACE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3 1/4" (83 mm) CONVEX SURVEY CAP FOR 5/8" (15 mm) REBAR WITH ILLINOIS DEPARTMENT OF TRANSPORTATION LOGO. THIS LOGO SHALL PROVIDE LETTERS RECESSED INTO THE SURFACE A MINIMUM OF 1/32" (0.8 mm) FOR EASY AND LONG-TERM LEGIBILITY. THE ALUMINUM CAP FOR REBAR SHALL BE PRODUCED BY THE PROCESS OF ORBITAL FORGING TO PRODUCE A HIGH-STRENGTH AND DURABLE MARKER CAP WHICH WILL NOT CHIP OR BREAK AND PROVIDE A SMOOTH FINISH FOR STAMPING OF DATA IN THE FIELD. THE ALUMINUM CAP FOR REBAR SHALL BE TAPERED FOR A PERFECT COMPRESSION FIT. A SPECIAL PLASTIC INSULATOR SHALL BE INSTALLED TO PREVENT DISSIMILAR METAL CONTACT AND CORROSION. THE PLASTIC INSULATOR SHALL FORM READILY TO THE OUTER SHAPE OF THE REBAR AND TO THE INNER SHAPE OF THE ALUMINUM CAP SOCKET. THE PLASTIC INSULATOR SHALL BE LOW DENSITY POLYETHYLENE, A MINIMUM 1 1/2" (38 mm) LONG AND CONFORM TO FEDERAL SPECIFICATION L-P 390.

COMPOSITION: ALUMINUM 98.3-98.7%; OTHER 1.3-1.7%; STRENGTH: YIELD 28 KSI (193 MPa), ULTIMATE 32 KSI (221 MPa). ELONGATION 15% [IN 2" (50 mm)]. SPECIFICATIONS: ALUMINUM ALLOY 6101-0; ASTM B317-83 (EXCEPT TEMPER) AS FORGED. NO EXCEPTIONS.

SPECIFICATIONS FOR REBAR

REBAR FOR ALUMINUM TABLET. REINFORCEMENT BAR SHALL BE 5/8" (#15) X 48" (1.2 m) (DEFORMED).

INSPECTION OF REINFORCEMENT BAR 5/8" (#15) SHALL BE DONE BY DISTRICT PERSONNEL OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

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

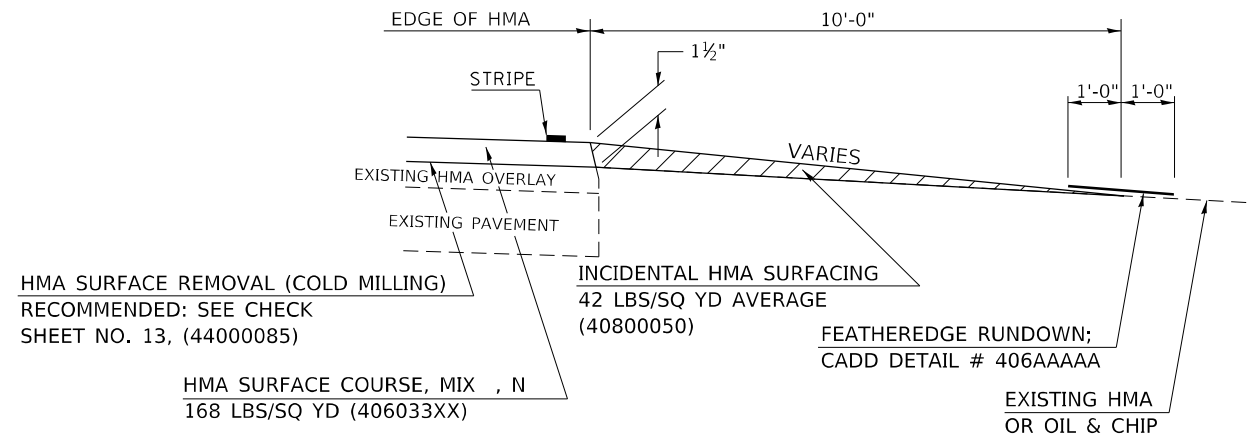
DISTRICT 5 DETAIL NO. XZ193AAA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	32
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

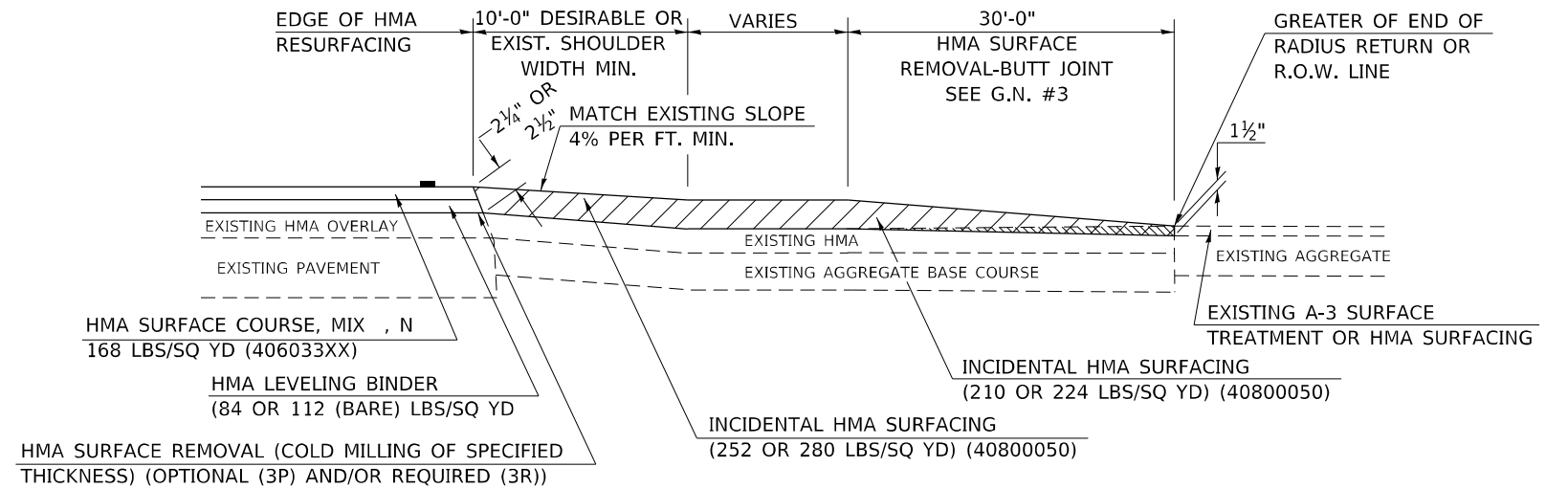
USER NAME = chris.zimmermann	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 11/10
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (ALSO CONTRACT MAINTENANCE)

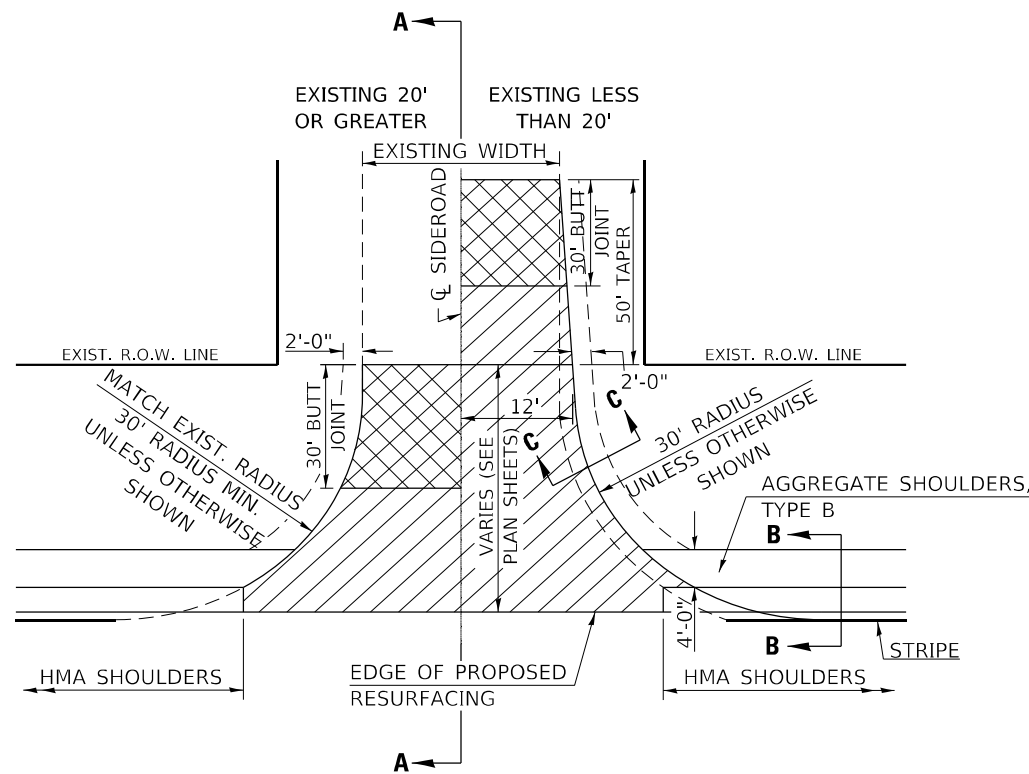


"3P" OR "3R" IMPROVEMENTS

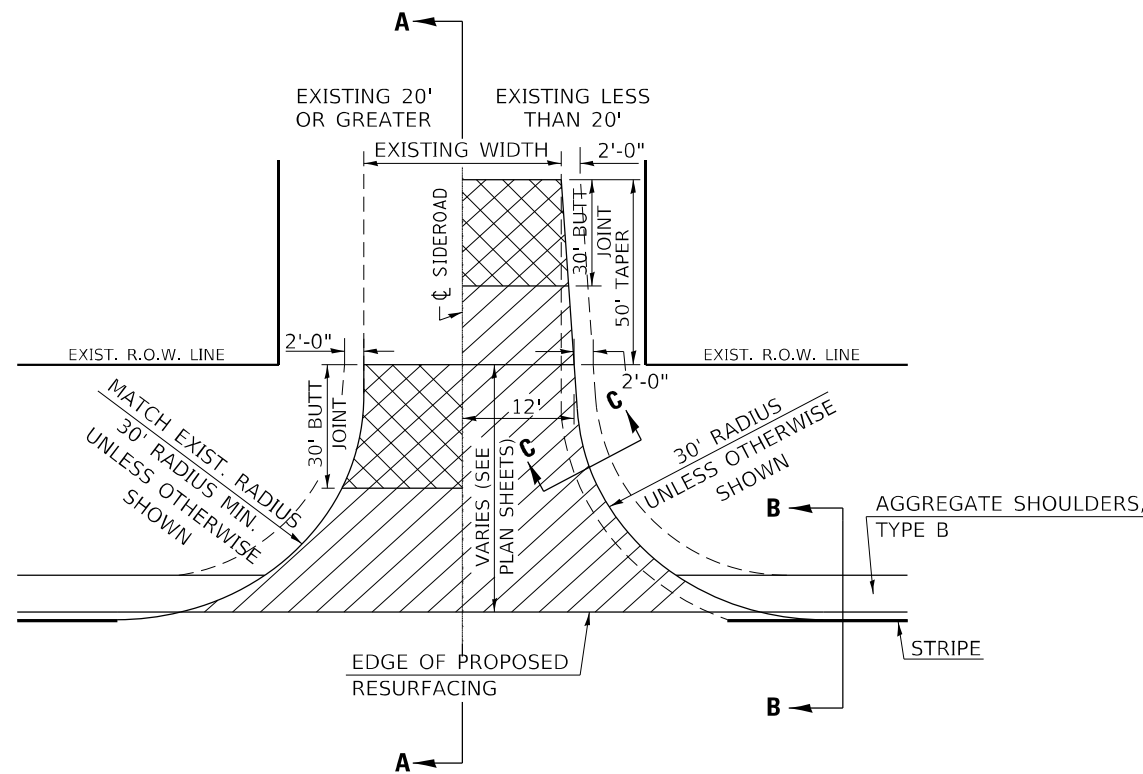


PROJECTS WITH RECONSTRUCTION

WITH HMA SHOULDER



WITHOUT HMA SHOULDER



GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS
2. PROPOSED SIDEROAD GRADES SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. MAJOR SIDEROAD/SIDESTREETS (>400 ADT) SHALL HAVE "BUTT JOINTS" CONSTRUCTED WHETHER THE EXISTING ENTRANCE IS HMA OR PCC. MINOR SIDEROAD/SIDESTREETS (<400 ADT) SHALL HAVE "FEATHEREDGE RUNDOWNS".
4. AGGREGATE BASE COURSE, TYPE B OF THE THICKNESS SPECIFIED IN THE PLANS 6" MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT 6" EXISTING BASE MATERIAL FOR THE PROPOSED SIDEROAD RETURNS. THIS MATERIAL SHALL BE USED TO WIDEN SIDEROAD RETURNS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 1' WIDER THAN THE SURFACE DIMENSIONS.
6. AGGREGATE SHOULDERS, TYPE B WILL BE WRAPPED AROUND THE SIDEROAD RETURNS. TAPER WIDTH FROM 4' ALONG MAINLINE TO 2' AT BACK OF RETURN.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 408000AA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	33
				CONTRACT NO. 70778

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD & SIDESTREETS (RURAL)

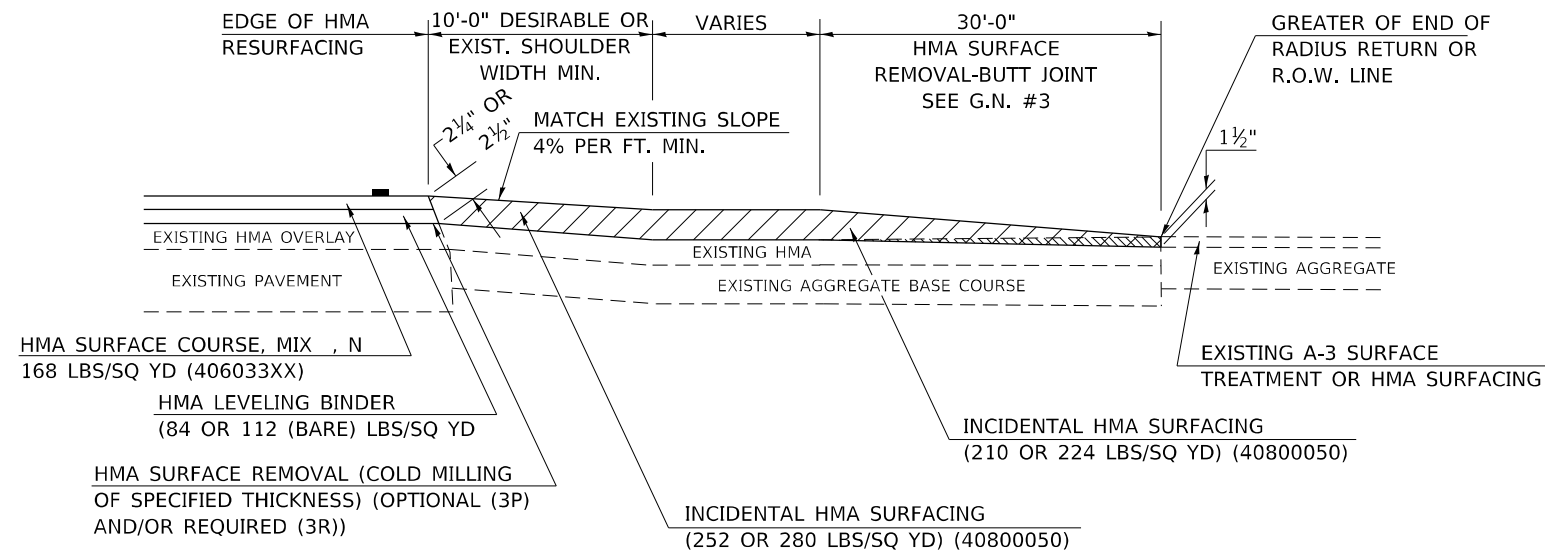
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

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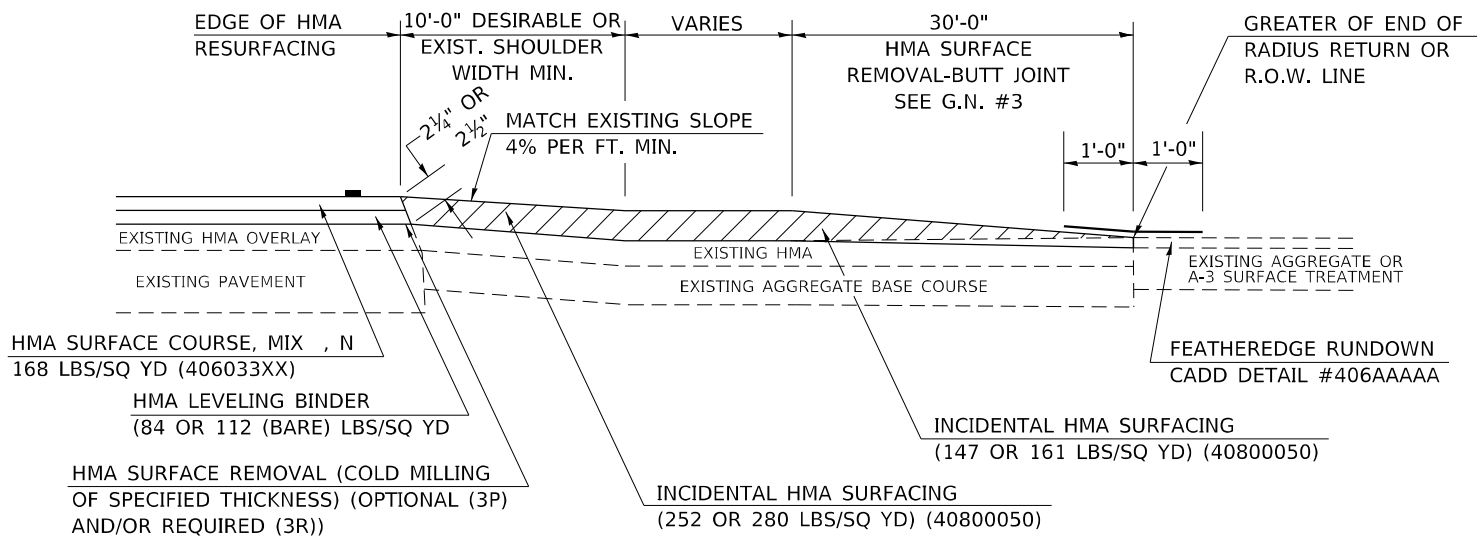
OATES ASSOCIATES
www.oatesassociates.com
ILLINOIS DESIGN FIRM LICENSE NO.: 184.001115

USER NAME = chris.zimmermann	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISD - 12/09 KJT
PLOT DATE = 1/28/2022	DATE -	REVISD -

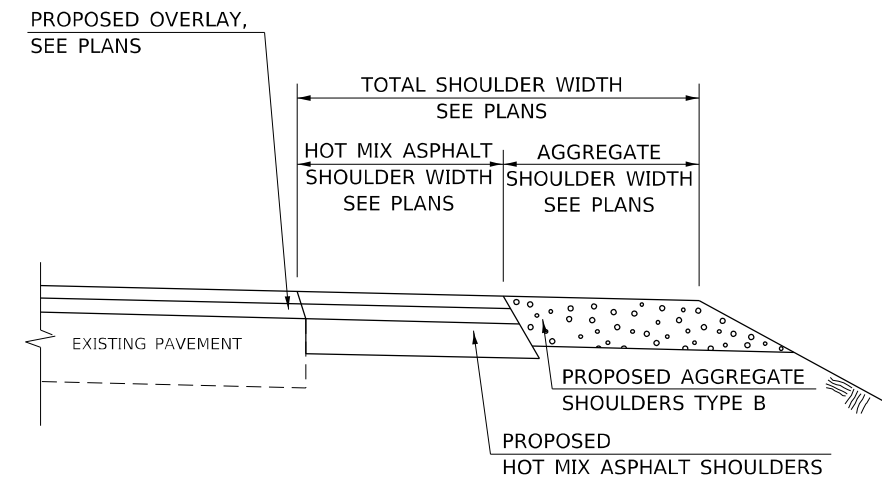
**SECTION A-A
EXISTING HMA OR PCC SIDEROAD (> 400 ADT)**



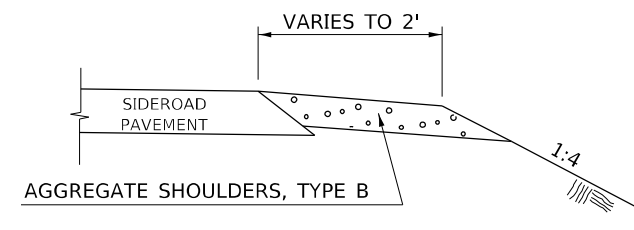
**SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (< 400 ADT)**



RURAL SIDEROAD DESIGN STANDARDS (PPM 40-06)											
DESIGN ELEMENT	New Construction & 3R (Existing Width Less Than 20 ft)			3R (Existing Width 20 ft or Greater) & 3P			SMART & Contract Maintenance				
	min.	des.	max.	min.	des.	max.	min.	des.	max.		
SURFACE WIDTH (FT); (Measured at end of radius or row line; greatest distance from edge of traveled way)	24	24	Coordinate with Geometrics	Resurface existing configuration to completion of radius return or row line; greatest distance from edge of traveled way; major sideroads (> 400 adt) shall have "butt joints" constructed whether the entrance is hma or pcc; minor sideroads (< 400 adt) shall have "featheredge rundown" as shown in district cadd detail 406AAAAA						resurface existing configuration with the completion of a 10 ft. featheredge rundown for ALL sideroads as shown in district cadd detail 406AAAAA	
RADIUS (FT)	30	30	Engineer								
SHOULDER WIDTH (FT)	4	8	10								
SHOULDER SLOPE (%)	2	4	12								
ENTRANCE GRADE (%)	1	1 to 4	4								
BREAKOVER (%)	0	5	10								
SIDE SLOPE (FT)	1:10	1:6	1:4								
INTERSECTION ANGLE	60	75 to 90									
SURFACE TYPE											
INCIDENTAL HMA SURFACING (INCH)	4			taper from 2 1/4" to 1 1/2" or featheredge			taper from 1 1/2" to featheredge				
AGGREGATE BASE COURSE, TYPE A (INCH)	8	4		if applicable use item: 35800100 Preparation of Base							
PCC PAVEMENT (INCH)		8									



**SECTION B-B
MAINLINE SHOULDER TREATMENT**



**SECTION C-C
SIDEROAD SHOULDER TREATMENT**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 408000AA

MODEL: Default; FILE NAME: I:\021052 - DS Veribus - Veribus PFB 199-02127.052.002 - IL 122 Resurfacing\CADD\Microstation\CADD Drawing\05270778-sh-c-draw.dgn



USER NAME = chris.zimmermann	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISD - 12/09 KJT
PLOT DATE = 1/28/2022	DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

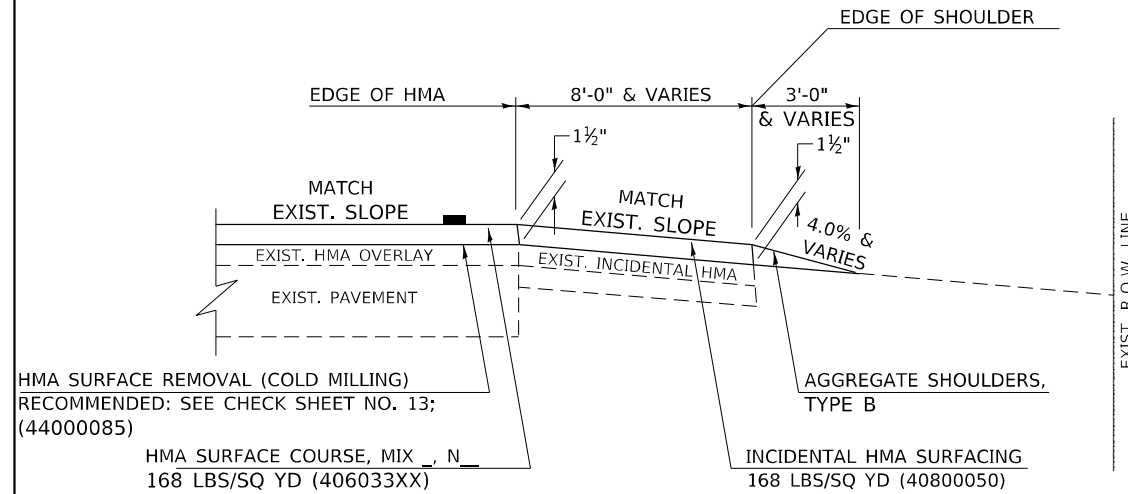
SIDEROAD & SIDESTREETS (RURAL)

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

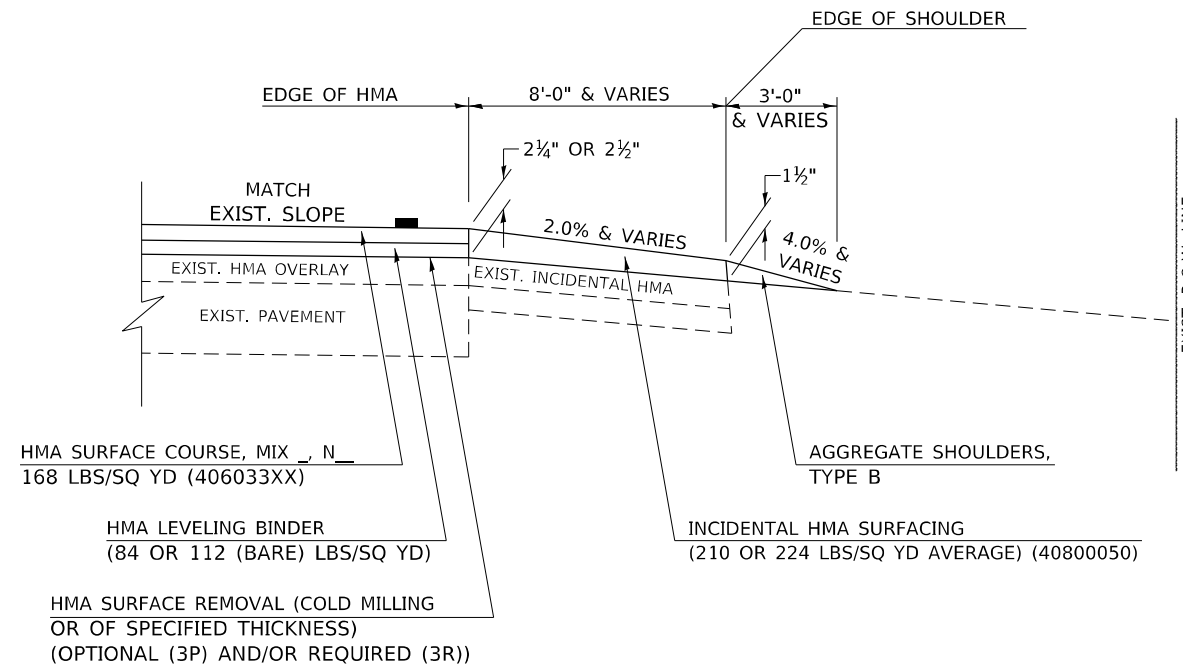
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	34
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1½")



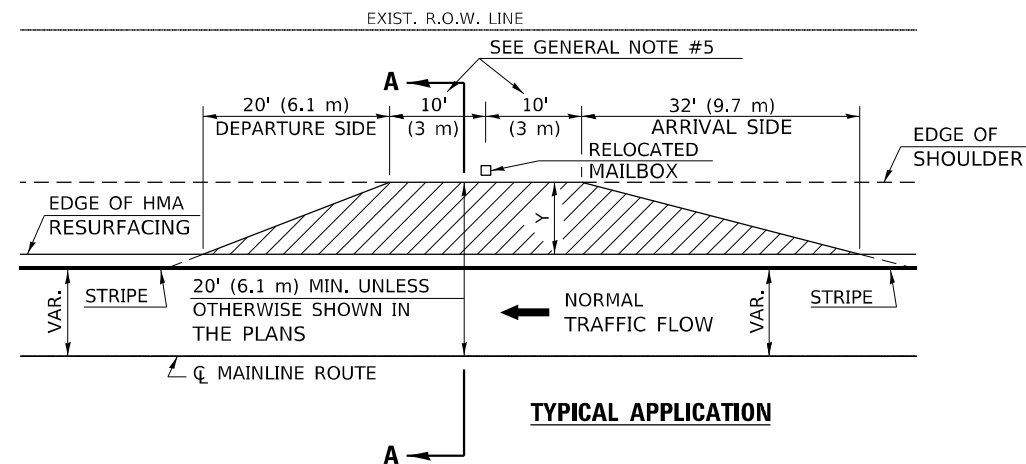
"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



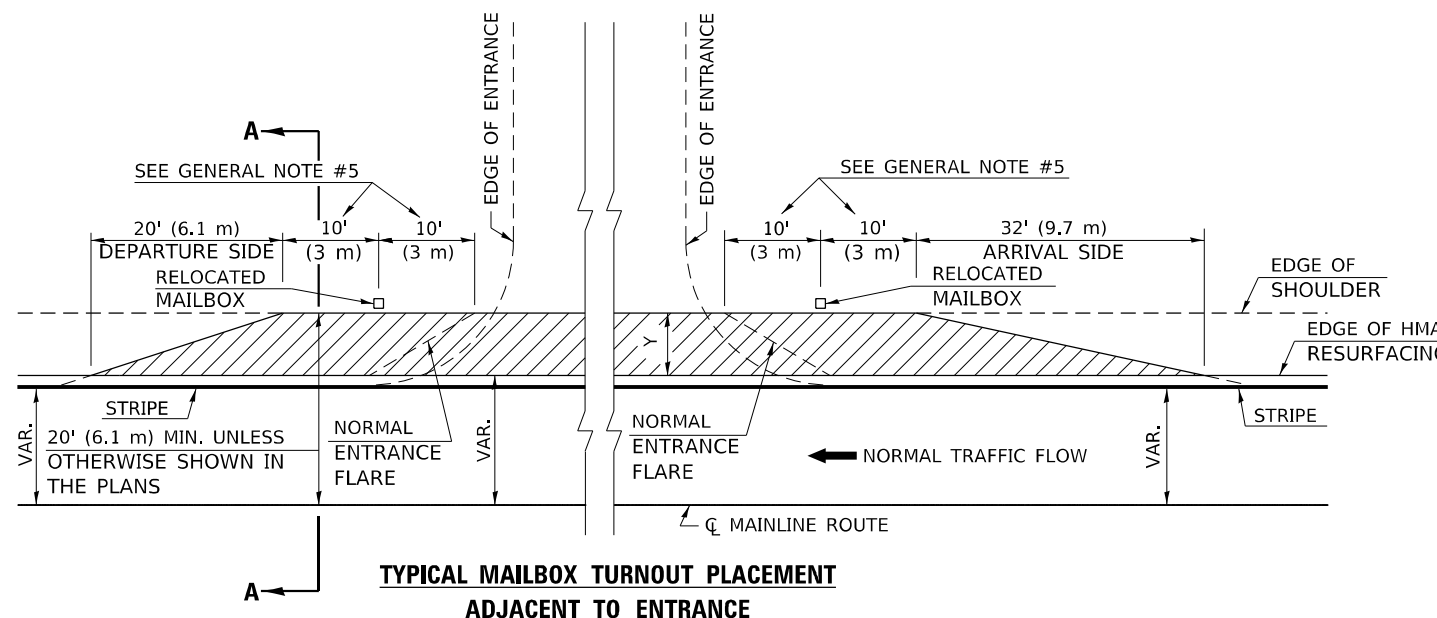
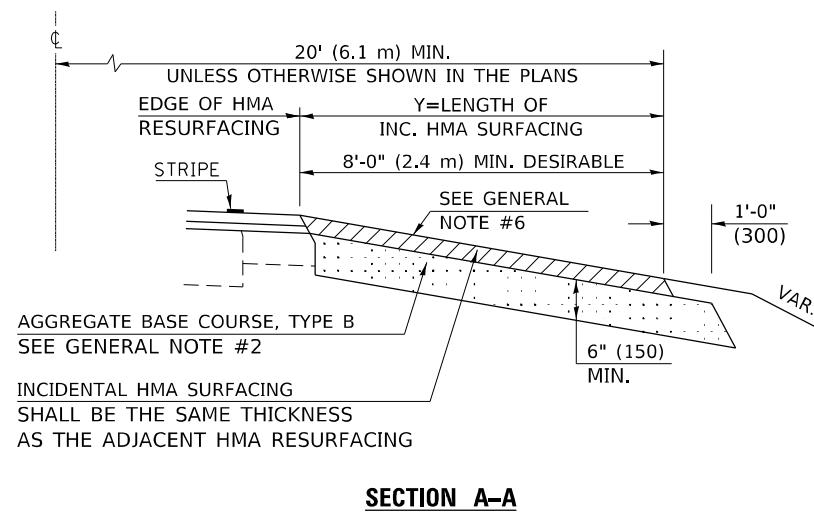
GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. AGGREGATE BASE COURSE, TYPE B, 6" (150) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED MAILBOX TURNOUTS. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ALL EXISTING MAILBOX TURNOUTS OR TO CONSTRUCT NEW MAILBOX TURNOUTS WHERE NONE NOW EXISTS.
3. ANY NECESSARY WORK BEHIND THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
4. THE TEMPORARY RELOCATION OF EXISTING MAILBOXES SHALL BE IN ACCORDANCE WITH ARTICLE 107.20 OF THE STANDARD SPECIFICATIONS.
5. WHEN MORE THAN ONE RELOCATED MAILBOX IS INCLUDED IN A PARTICULAR LOCATION THE TWO 10' (3 m) DIMENSIONS AS SHOWN ABOVE SHALL BE FROM THE END MAILBOX.
6. CROSS SLOPE SHALL BE AS SHOWN ON THE STATION CROSS SECTIONS AND/OR AS DIRECTED BY THE ENGINEER.
MINIMUM 4% (1/2"/') DESIRABLE; MAXIMUM 8% (1"/')
7. WHEN MAILBOX TURNOUTS ARE CONSTRUCTED ADJACENT TO FIELD ENTRANCES, THE WIDTH OF THE INCIDENTAL HMA SURFACING CONSTRUCTED FOR THE FIELD ENTRANCE SHALL MATCH THE WIDTH OF THE PROPOSED MAILBOX TURNOUT SURFACING.
8. THE TOTAL SHOULDER WIDTH, 2.4 m (8') MINIMUM, SHALL BE PAVED BETWEEN SIDEROADS ENTRANCES AND/OR MAILBOX TURNOUTS AT LOCATIONS WHERE THE DISTANCE BETWEEN RADIUS OR TAPER CONTROL POINTS IS LESS THAN 15.0 m (50').
9. MAILBOXES SHALL BE MOUNTED SUCH THAT THE FACE OF THE MAILBOX IS 6" (150 mm) TO 12" (300 mm) AND THE POST A MINIMUM OF 24" (600 mm) FROM THE EDGE OF THE TURNOUT SURFACING.

PROJECTS WITH RECONSTRUCTION ("3R" IMPROVEMENTS)



WIDTH OF SHOULDER	4'-0" - 8'-0" (1.2 m - 2.4 m)	10'-0" (3.0 m)
WIDTH OF TURNOUT "Y"	8'-0" (2.4 m)	8'-0" - 10'-0" (2.4 m - 3.0 m)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 4080050B



USER NAME = chris.zimmermann	DESIGNED -	REVISOR - 12/06 TJB
	DRAWN -	REVISOR - 09/07 KAG
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISOR -
PLOT DATE = 1/28/2022	DATE -	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

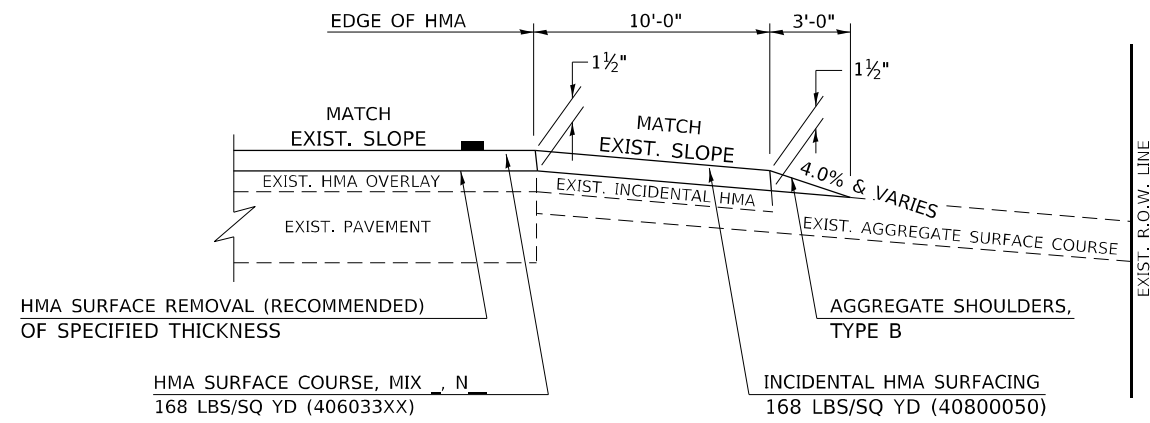
MAILBOX TURNOUT (RURAL)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	35
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

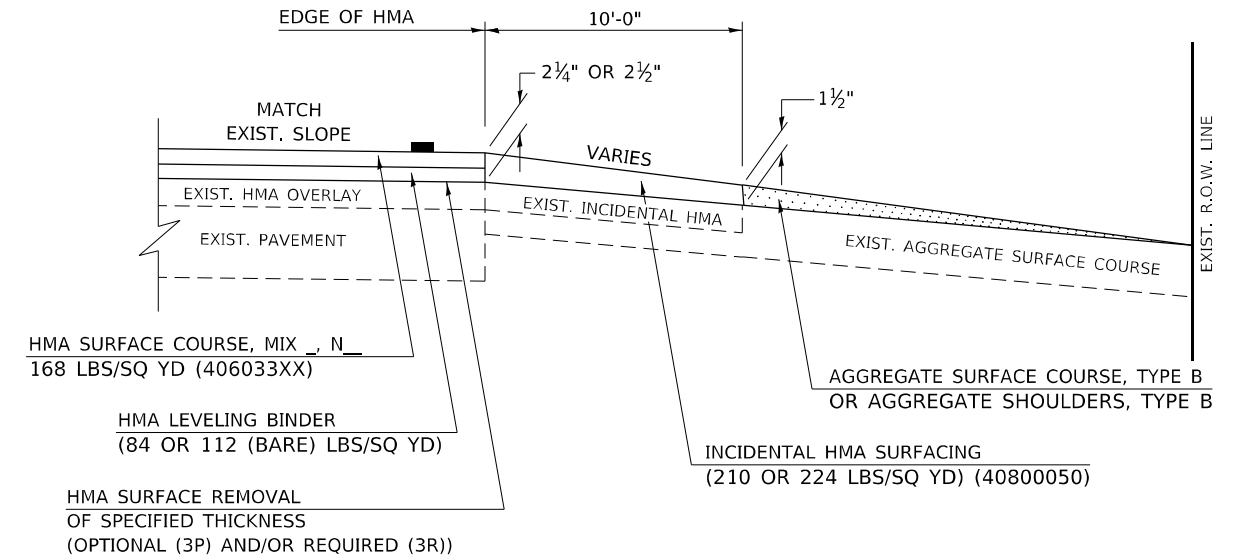
PROJECTS WITHOUT RECONSTRUCTION

S.M.A.R.T. IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.03; 1½")

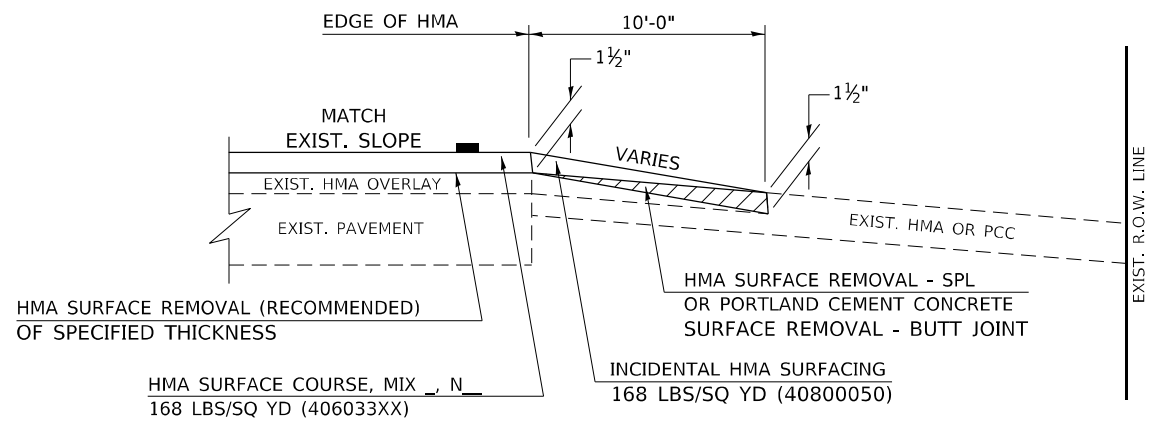


EXISTING AGGREGATE ENTRANCE

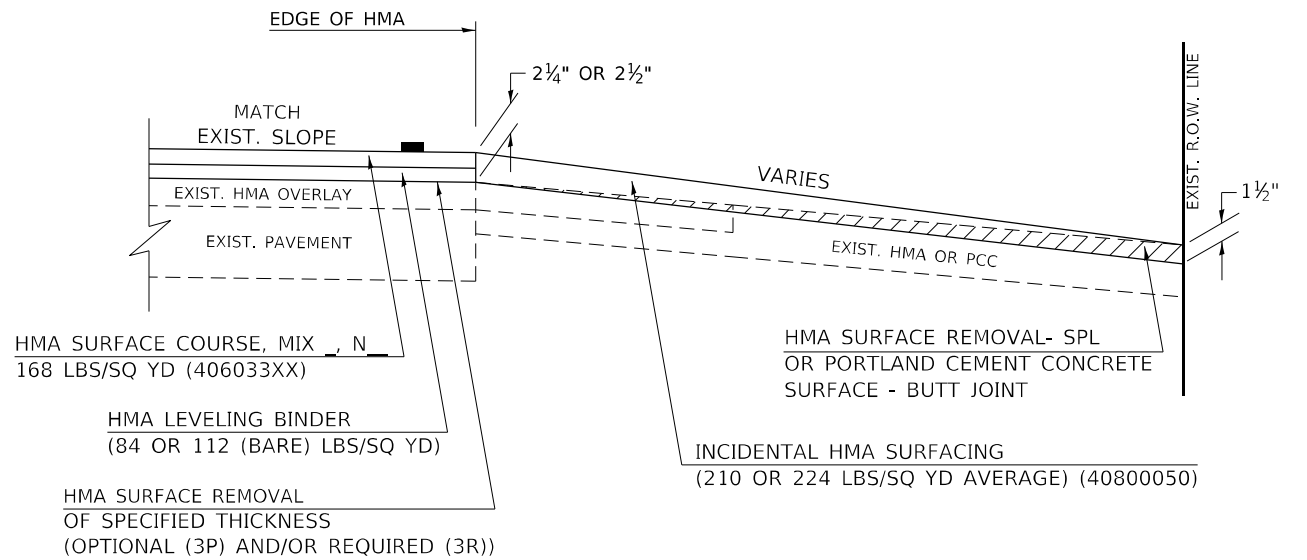
"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



EXISTING AGGREGATE ENTRANCE



EXISTING HMA OR PCC ENTRANCE



EXISTING HMA OR PCC ENTRANCE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 4080050C

MODEL: Default; FILE NAME: I:\021052 - DS Veribus - Veribus PTB 199-021052-1052-002 - IL 122 Resurfacing\CA00\Microstation\CA00_Drawing\0570778-Sub-Detail.dgn



USER NAME = chris.zimmermann	DESIGNED -	REVISED - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED - 05/08 KJT
PLOT DATE = 1/28/2022	CHECKED -	REVISED - 04/10 KJT
	DATE -	REVISED - 3/6/17 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

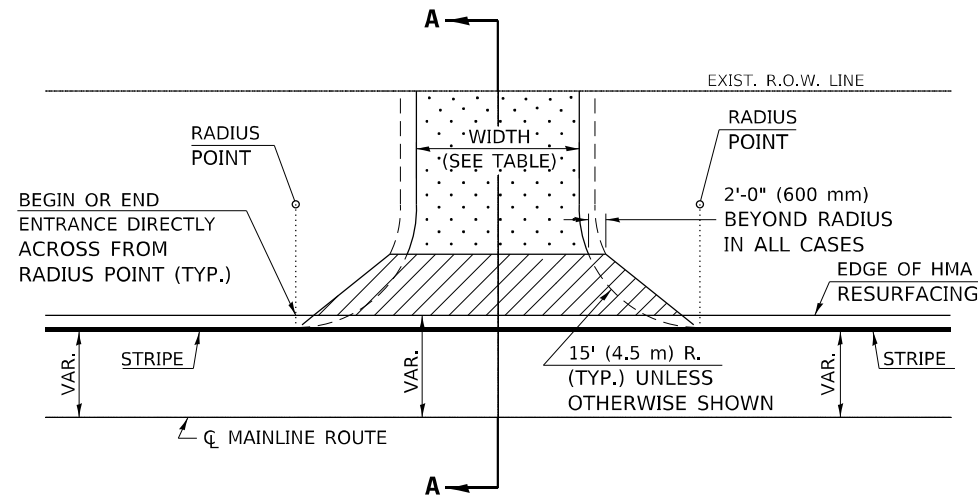
PRIVATE COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)			
SCALE:	SHEET 1 OF 2 SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128RS-3	MCLEAN	42	36
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

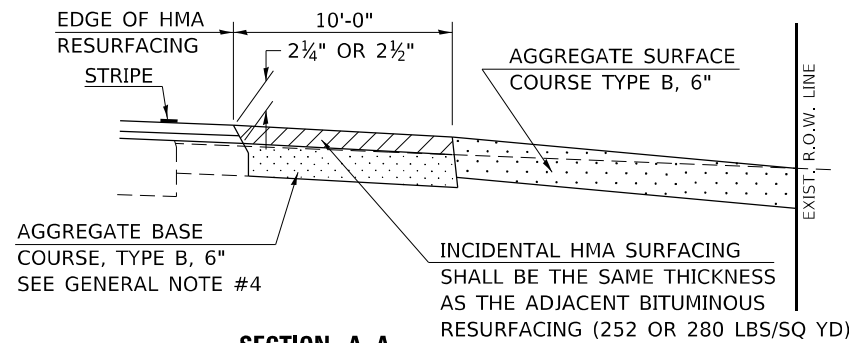
PROJECTS WITH RECONSTRUCTION

AGGREGATE ENTRANCE

(3R IMPROVEMENTS)

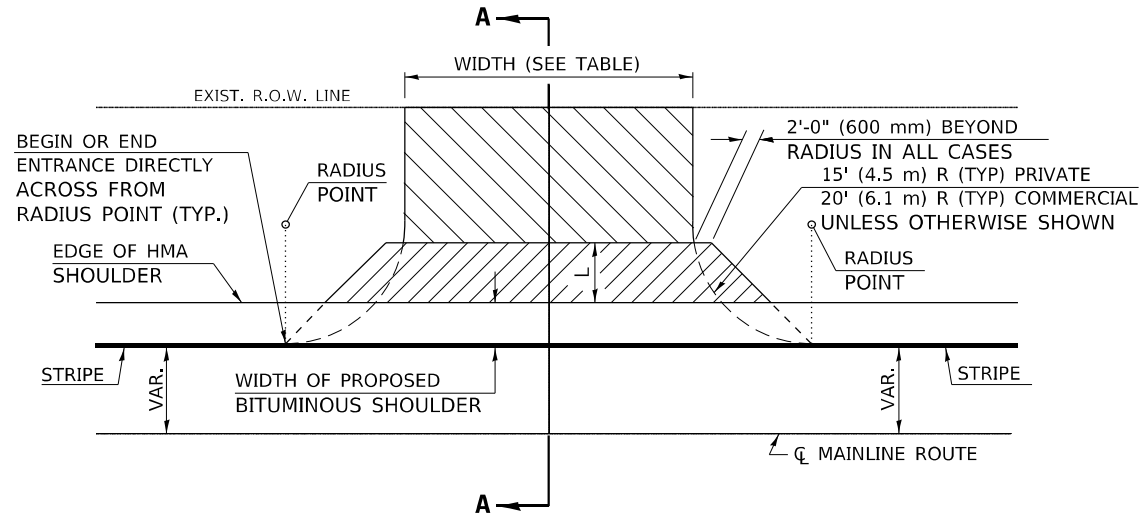


TYPICAL APPLICATION

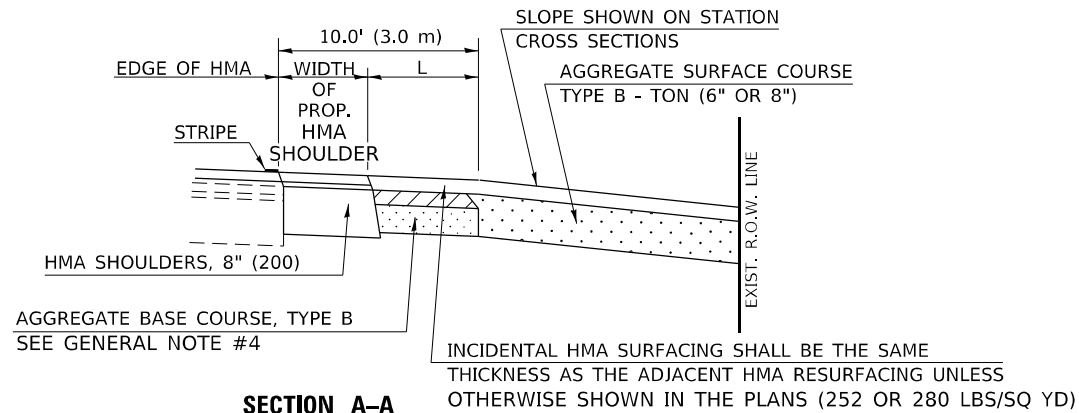


SECTION A-A

HMA OR PCC ENTRANCE



TYPICAL APPLICATION



SECTION A-A
"HMA EXAMPLE"

GENERAL NOTES

1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. ANY NECESSARY WORK BEHIND THE HMA SHOULDER OR THE INCIDENTAL HMA SURFACING SHALL BE AS SHOWN IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
3. EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF THE AGGREGATE SURFACE COURSE SHALL BE INCLUDED IN THE COST OF AGGREGATE SURFACE COURSE.
4. AGGREGATE BASE COURSE, TYPE B, 6" (150 mm) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED ENTRANCES. THIS MATERIAL SHALL GENERALLY BE USED TO WIDEN ANY EXISTING RETURN OR TO CONSTRUCT NEW ENTRANCES WHERE NONE NOW EXISTS.
5. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
6. THE AGGREGATE BASE COURSE SHALL BE CONSTRUCTED 12" (300 mm) WIDER THAN THE SURFACE DIMENSIONS AS SHOWN ABOVE.
7. EXISTING FIELD ENTRANCES OF AGGREGATE OR EARTH WITH NO HMA APRON SHALL NOT RECEIVE A NEW HMA APRON WITHOUT PROPER APPROVAL THROUGH THE BUREAU OF OPERATIONS "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS".

TO ASSURE APPROPRIATE ACCESS POLICIES ARE FOLLOWED ALL NEW ACCESS SHALL BE APPLIED FOR THROUGH THE BUREAU OF OPERATIONS PERMIT APPLICATION PROCESS. PLAN PREPARATION MEMORANDUMS 40-09 ALONG WITH DISTRICT PROJECT IMPLEMENTATION MEMO 104/01 DISCUSS THIS PROCEDURE.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)

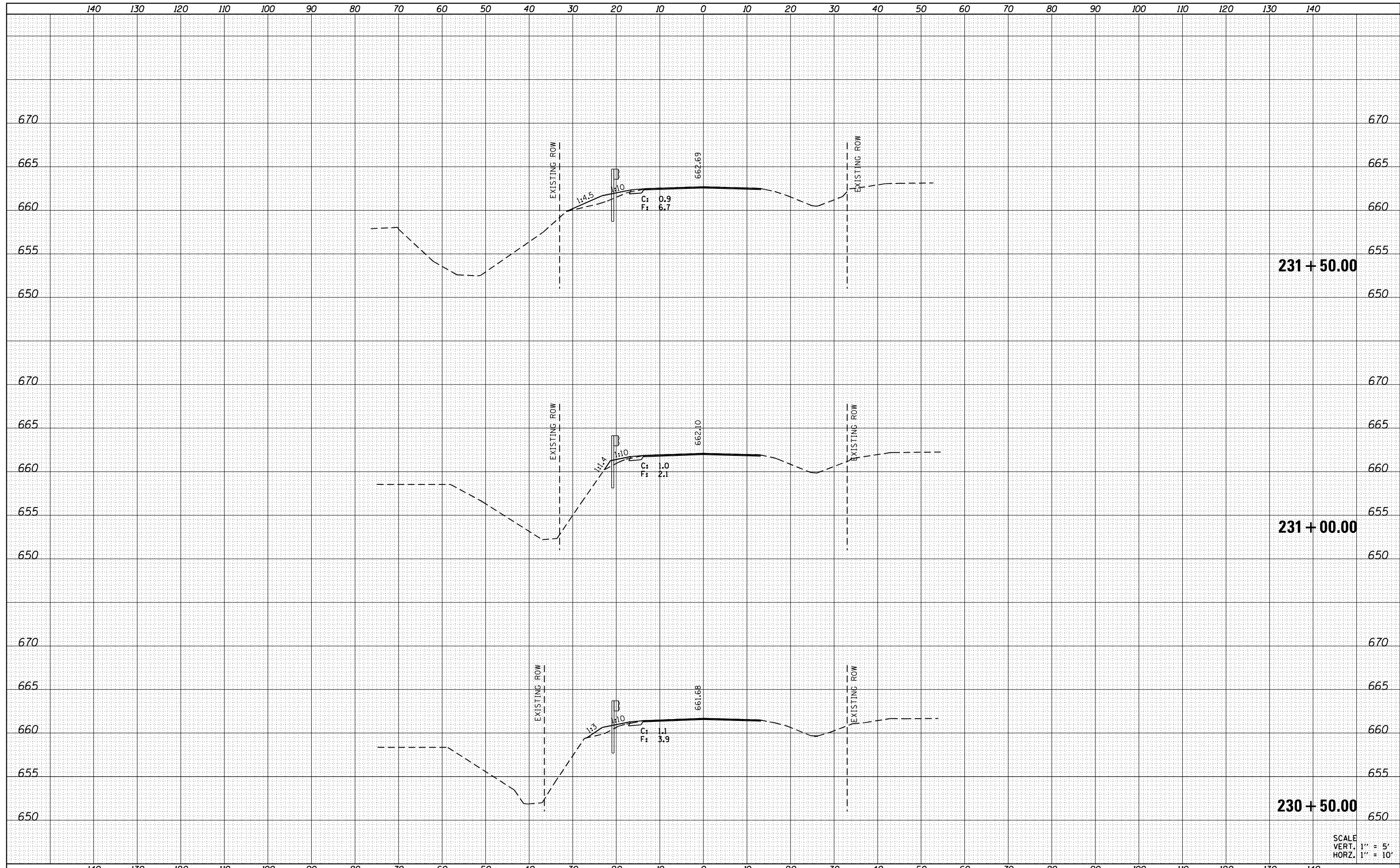
DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM								
	NONCOMMERCIAL			FIELD W/FARM IMPLEMENTS			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL		
	min.	des.	max.	min.	max.	min.	des.	max.	min.	des.	max.	min.	des.	max.	
SURFACE WIDTH (FT)	12	16	24	24	30	1 LANE, 1 WAY			1 LANE, 1 WAY			1 LANE, 1 WAY			
						14	16	24							
RADIUS (FT)	15	25	40	30		2 LANE, 2 WAY			2 LANE, 2 WAY			2 LANE, 2 WAY			
						24	30	35							
SHOULDER WIDTH (FT)	2	2		2		1	3		resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
SHOULDER SLOPE (%)	2	4	6	4		2	4	6							
ENTRANCE GRADE (%)	0	2 to 5	10 or 12	2 to 5	10 or 12	0	2 to 5	8 or 10							
SIDE SLOPE (FT)	1:10	1:6	1:4	1:6	1:4	1:10	1:6	1:4							
SURFACE TYPE															
INCIDENTAL HMA SURFACING (INCH)		2		2		3 or 4			taper from hma resurfacing thickness (2 1/2", 2 1/4" or 1 1/2") to 1 1/2" to minimize aggregate shoulder						
AGGREGATE SURFACE COURSE, TYPE B (INCH)		6		6		8			if applicable, use items: Preparation of Base & Aggregate Base Repair; see PPM 30-02						
PCC DRIVEWAY PAVEMENT (INCH)		6						6 or 8							

DISTRICT 5 DETAIL NO. 40800050C

MODEL: Default; FILE NAME: I:\021052 - D5 Verbius - Various PFB 199-021052-002 - IL 122 Resurfacing\CAADD\Microstation\CADD Drawing\0570778-01-01.dgn

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

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



SCALE
VERT. 1" = 5'
HORZ. 1" = 10'



USER NAME = chris.zimmermann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/28/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

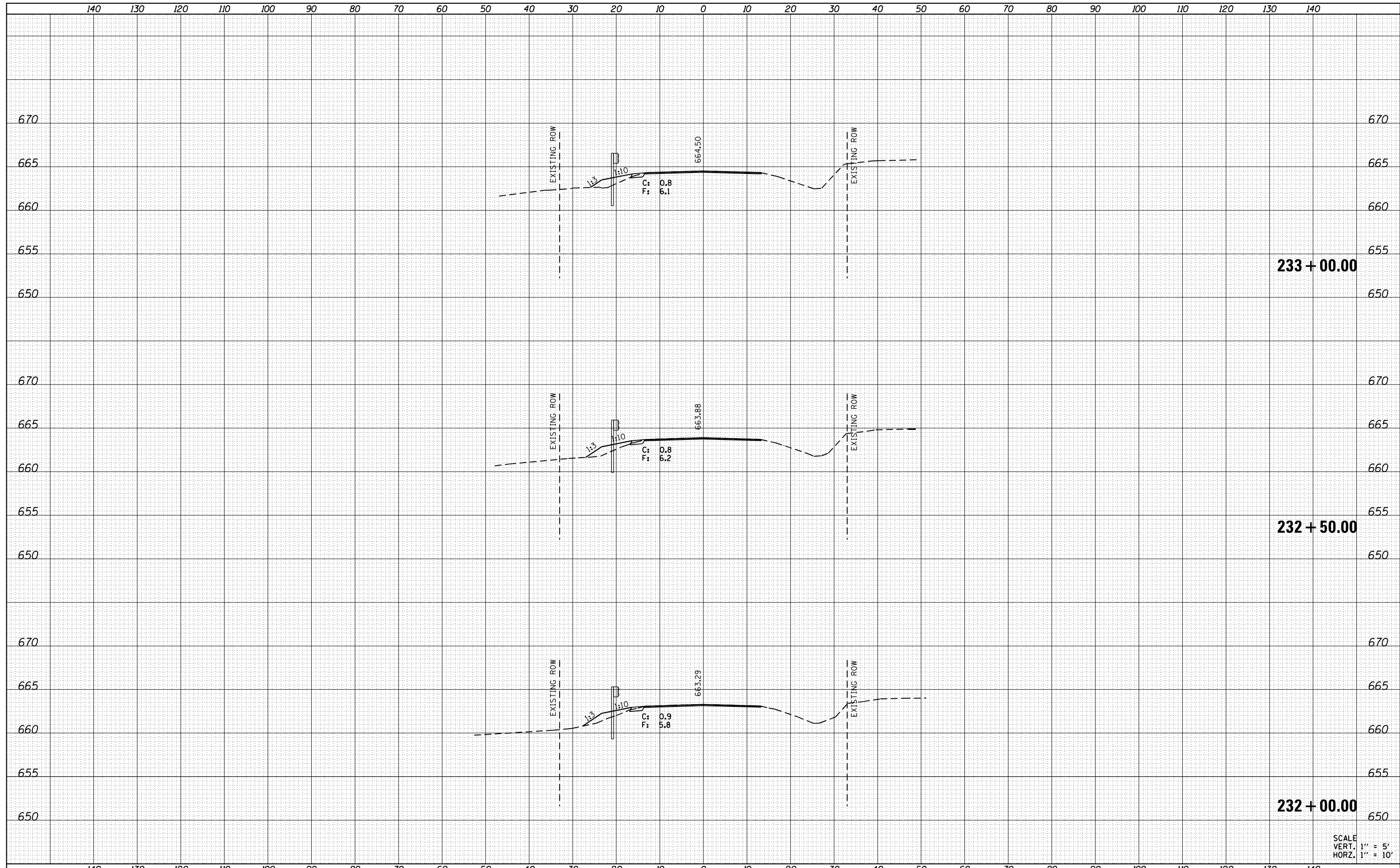
GUARDRAIL CROSS SECTIONS

SCALE: SHEET 1 OF 5 SHEETS STA. 230+50.00 TO STA. 231+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128R5-3	MCLEAN	42	38
			CONTRACT NO. 70778	
ILLINOIS FED. AID PROJECT				

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

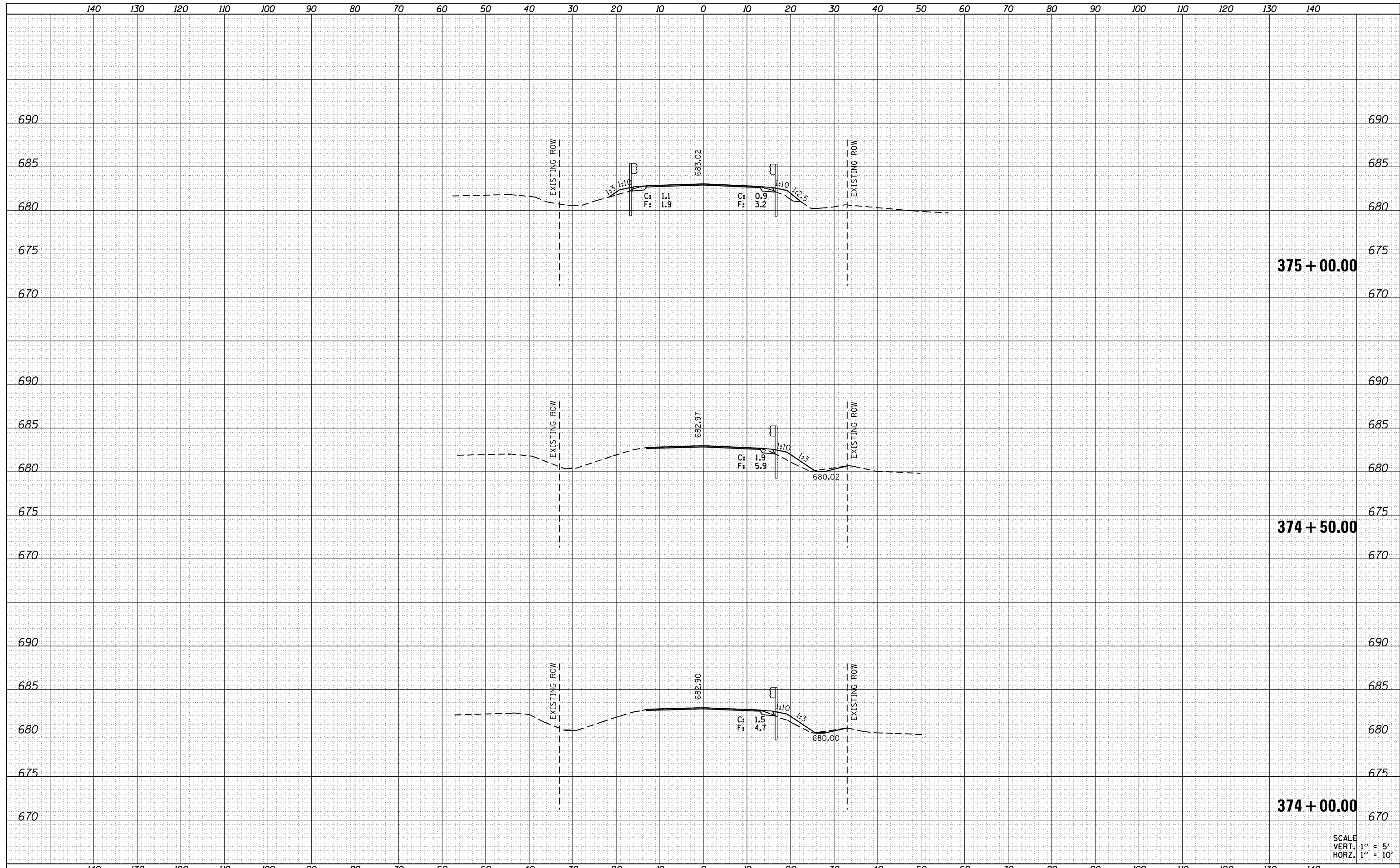
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



SCALE
VERT. 1" = 5'
HORZ. 1" = 10'

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

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



SCALE
VERT. 1" = 5'
HORZ. 1" = 10'



USER NAME = chris.zimmermann	DESIGNED -	REVISSED -
PLOT SCALE = 10.0000' / in.	DRAWN -	REVISSED -
PLOT DATE = 1/28/2022	CHECKED -	REVISSED -
	DATE -	REVISSED -

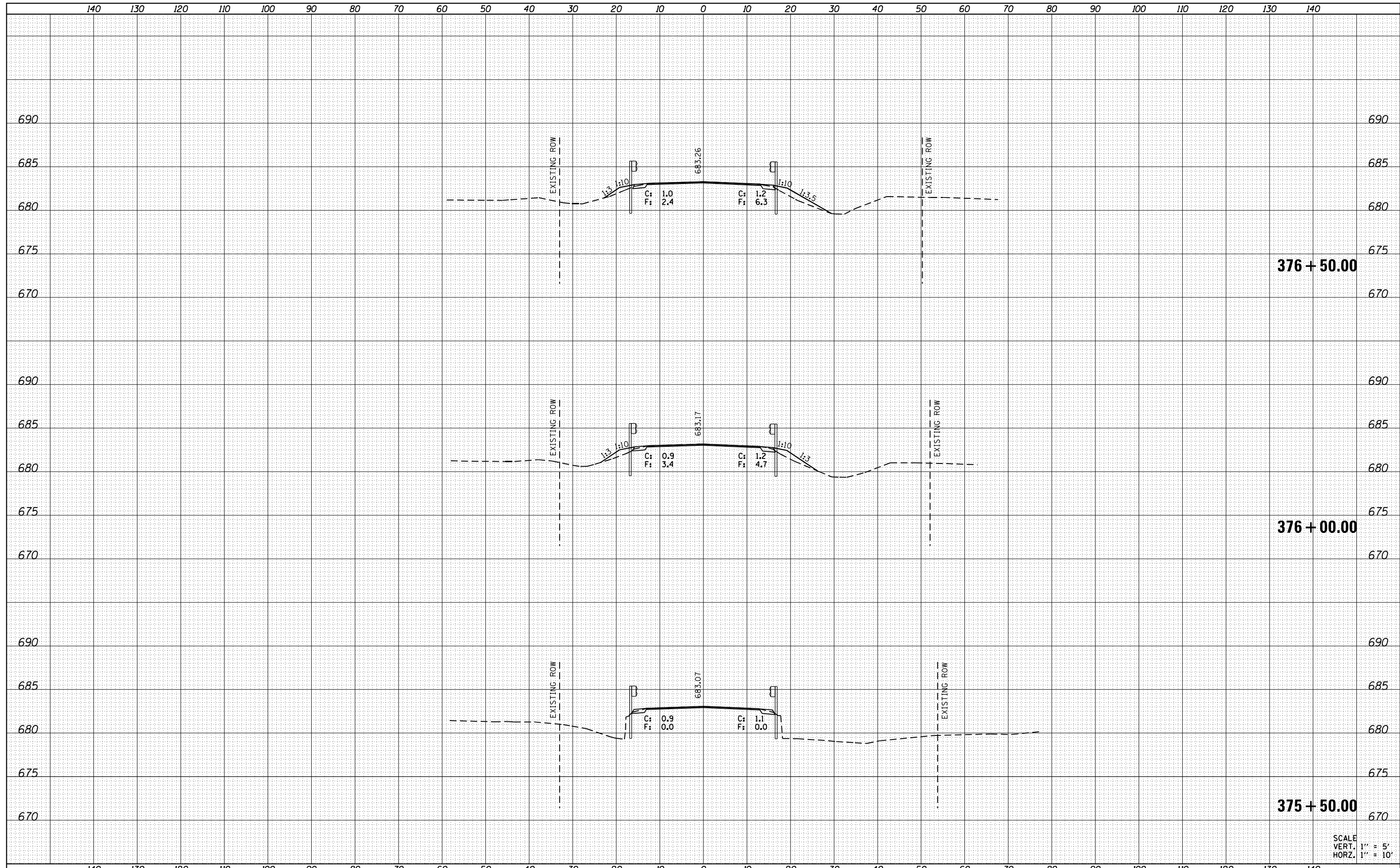
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL CROSS SECTIONS
SCALE: SHEET 3 OF 5 SHEETS STA. 374+00.00 TO STA. 375+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
701	128R5-3	MCLEAN	42	40
CONTRACT NO. 70778				
ILLINOIS FED. AID PROJECT				

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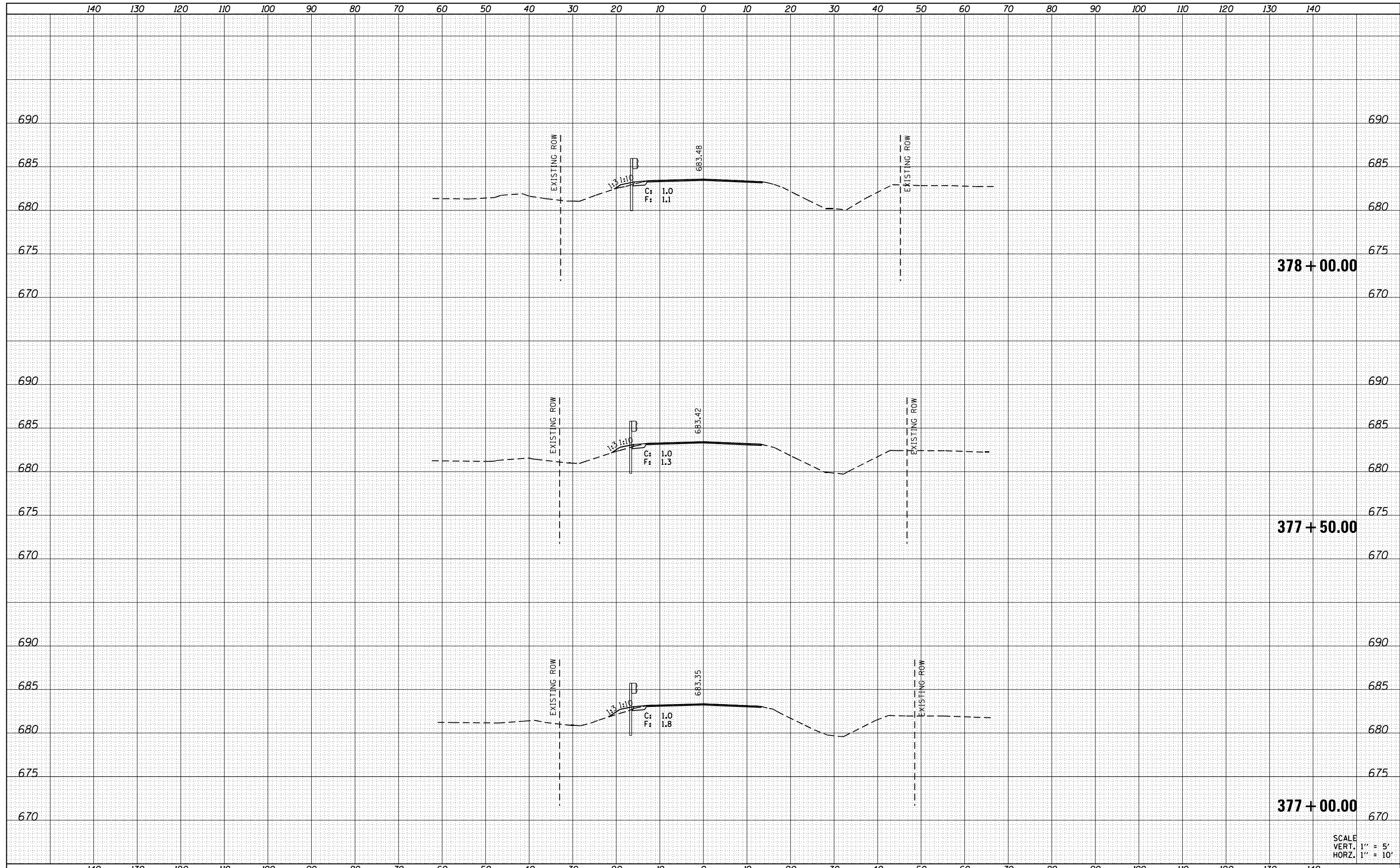
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



SCALE
 VERT. 1" = 5'
 HORZ. 1" = 10'

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

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



SCALE
 VERT. 1" = 5'
 HORZ. 1" = 10'