

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DEWITT	44	1
		ILLINOIS	CONTRACT NO. 70E85	

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 3 TO 6

PROPOSED HIGHWAY PLANS

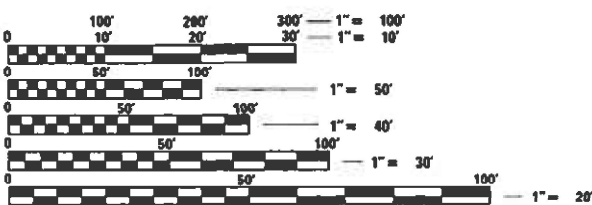
FAS ROUTE 1517 (US 150)
SECTION (10,11)RS-3
PROJECT STP-KPGL(024)
SMART OVERLAY
DEWITT COUNTY

C-95-066-21

MCLEAN CO. LINE TO PIATT CO. LINE

TRAFFIC DATA	
2021 ADT =	950
PU % =	92.6%
SU % =	4.2%
MU % =	3.2%

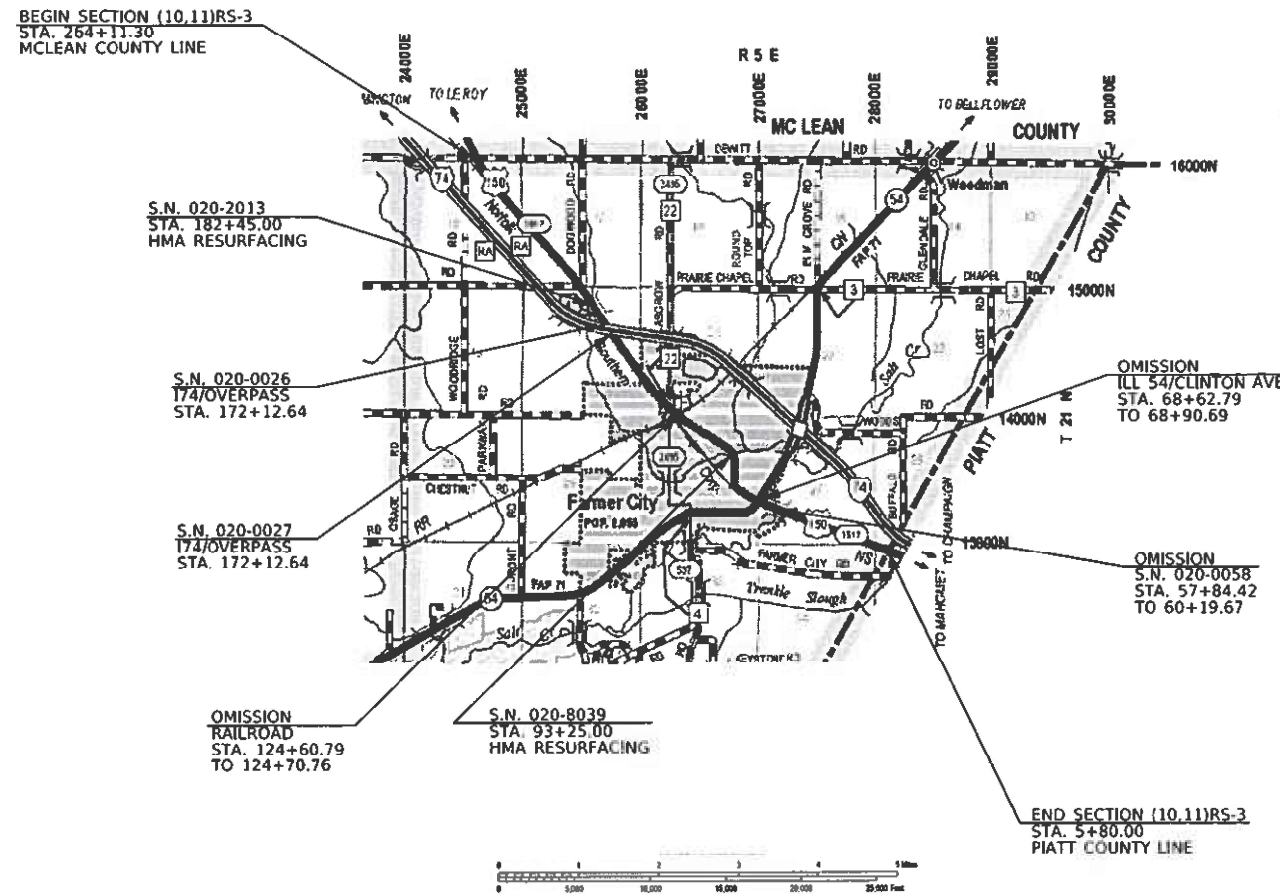
STRUCTURE INFORMATION	
OMISSIONS FROM PAVING	
RAILROAD	
ILL 54 / CLINTON AVE	
S.N. 020-0058	
HMA RESURFACING 1 1/2"	
S.N. 020-2013	
S.N. 020-8039	



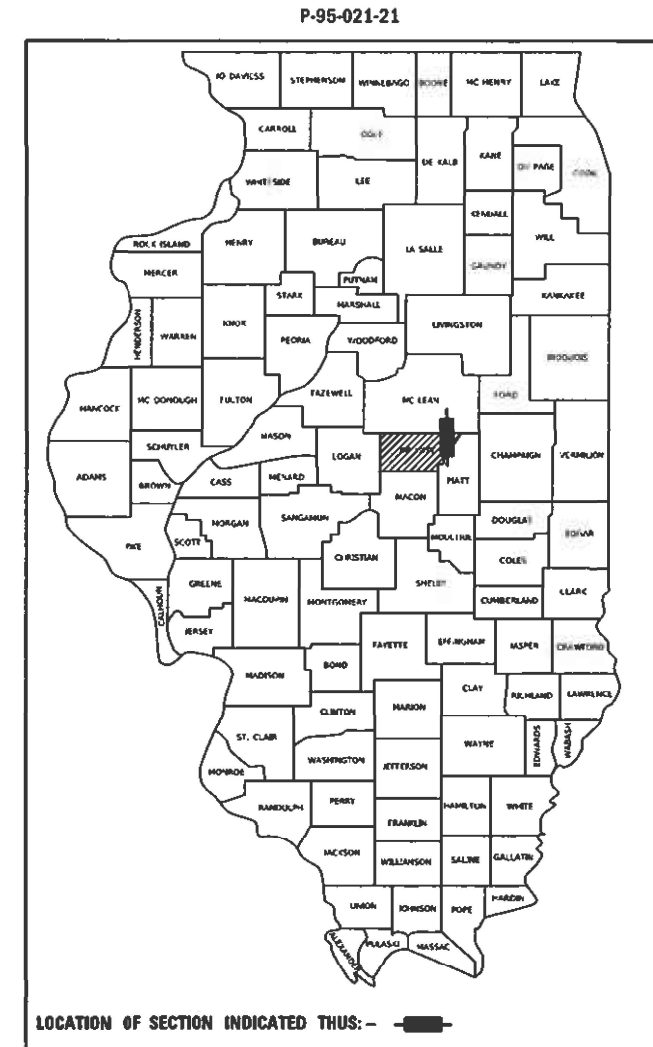
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811
TOWNSHIPS:
SANTA ANNA

PROJECT ENGINEER: RYAN T. CARROLL
SQUAD LEADER: TYLER J. PIERSON
DESIGNER: AARON FARNHAM
PHONE: (217) 466-4181
CONTRACT NO. 70E85



GROSS LENGTH = 25,924.80 FT. = 4.910 MILE
NET LENGTH = 25,831.30 FT. = 4.892 MILE



FUNCTIONAL CLASSIFICATION:
MAJOR COLLECTOR

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12-6-2022
Kensil A. Garnett
REGIONAL ENGINEER

February 3, 2023
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

February 3, 2023
Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER
2	INDEX OF SHEETS, LIST OF HIGHWAY STANDARDS, & COMMITMENTS
3 to 6	SUMMARY OF QUANTITIES
7	TYPICAL CROSS SECTION
8 to 19	SCHEDULE OF QUANTITIES
20	CONTROL POINTS
21 to 29	US 150 PLAN SHEETS
30	RAISED REFLECTIVE PAVEMENT MARKER AT HORIZONTAL CURVES
31 to 32	S.N. 020-0058 GUARDRAIL DETAIL
33 to 34	DISTRICT 5 DETAIL - FIELD ENTRANCES (NONCOMMERCIAL)
35	DISTRICT 5 DETAIL - MAILBOX TURNOUT (RURAL)
36 to 37	DISTRICT 5 DETAIL - PRIVATE COMMERCIAL ENTRANCES (NONCOMMERCIAL AND COMMERCIAL RURAL)
38 to 39	DISTRICT 5 DETAIL - SIDEROAD & SIDESTREETS (RURAL)
40 to 43	DISTRICT 5 DETAIL - PAVEMENT MARKING & MARKERS (RURAL & URBAN APPLICATIONS)
44	DISTRICT 5 DETAIL - SURVEY MARKERS TYPE 1 & 2 (SPECIAL)

LIST OF STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
630001-12	STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-18	TRAFFIC BARRIER TERMINAL, TYPE 6
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-ROAD 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
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
725001-01	OBJECT AND TERMINAL MARKERS
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.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Mr. Nicholas Burwell
Manager, Public Projects
CN Railroad
1006 E 4th Street
Waterloo, IA 50703
(319) 472-1031

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

U.S. Flagging Desk
17641 South Ashland Avenue
Homewood, Illinois 60430
(682) 316-5097

SOME RAILROADS REQUIRE CONTRACTORS TO OBTAIN A RIGHT OF ENTRY PERMIT BEFORE ENTERING UPON RAILROAD RIGHT OF WAY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A RAILROAD RIGHT OF ENTRY PERMIT FROM THE RAILROAD IF REQUIRED BY THE RAILROAD(S).

G.N. -406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	US 150	US 150	US 150
Mixture Use	Surface mainline	Surface Incidental	Binder Patches
AC/PG	PG 64-22	PG 64-22	PG 64-22
Design Air Voids	4.0% @ Ndes=50	4.0% @ Ndes=50	4.0% @ Ndes=50
Mix Comp(Gradation)	IL 9.5	IL 9.5	IL 19.0
Friction Aggregate	Mix C	Mix C	N.A.
Mixture Weight	112	112	112
Quality Management Program	QCP	QC/QA	QC/QA
Sublot Size	1000	3000	3000
Material Transfer Device (Required ?)	NO	NO	NO

G.N. - 703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK 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:

020-0058 (40 TONS)
020-2013 (40 TONS)
020-8039 (32 TONS)

IF THE SAME MTD IS USED THROUGHOUT THE ENTIRE CONTRACT, THEN IT MUST BE LIMITED TO AN EMPTY GROSS WEIGHT OF 32 TONS OR LESS.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, GENERAL NOTES,
LIST OF STANDARDS, & COMMITMENTS**

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	2
				CONTRACT NO. 70E85
		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAS 1517 (US 150) MAJOR COLLECTOR
	RURAL STA. 264+11.30 STA. 5+80.00 DEWITT
FUNDING BREAKOUT:	80% FED / 20% STATE
CONSTRUCTION TYPE CODE:	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY
20400800	FURNISHED EXCAVATION	CU YD	15.00	15.00
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25
25000350	SEEDING, CLASS 7	ACRE	0.75	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	22.50	22.50
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	22.50	22.50
25000600	POTASSIUM FERTIZER NUTRIENT	POUND	22.50	22.50
25100115	MULCH, METHOD 2	ACRE	0.25	0.25
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	100.00	100.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	35,174.00	35,174.00
40600370	LONGITUDINAL JOINT SEALANT	FOOT	25,559.00	25,559.00
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	6,204.00	6,204.00
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	1,221.00	1,221.00
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	228.00	228.00
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	73,905.00	73,905.00
* DENOTES SPECIALTY ITEM				

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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	3
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAS 1517 (US 150) MAJOR COLLECTOR
	RURAL STA. 264+11.30 STA. 5+80.00 DEWITT
FUNDING BREAKOUT:	80% FED / 20% STATE
CONSTRUCTION TYPE CODE:	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY
44201871	CLASS D PATCHES, TYPE I, 19 INCH	SQ YD	11.00	11.00
44201875	CLASS D PATCHES, TYPE II, 19 INCH	SQ YD	629.00	629.00
44201879	CLASS D PATCHES, TYPE III, 19 INCH	SQ YD	39.00	39.00
44201881	CLASS D PATCHES, TYPE IV, 19 INCH	SQ YD	37.00	37.00
48102100	AGGREGATE WEDGE SHOULDERS, TYPE B	TON	1,213.00	1,213.00
48203100	HOT-MIX ASPHALT SHOULDERS	TON	6.00	6.00
60300350	MANHOLE FRAMES TO BE ADJUSTED	EACH	2.00	2.00
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	2,425.00	2,425.00
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2.00	2.00
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4.00	4.00
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2.00	2.00
63200310	GUARDRAIL REMOVAL	FOOT	2,940.00	2,940.00
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6.00	6.00
67100100	MOBILIZATION	L SUM	1.00	1.00
* DENOTES SPECIALTY ITEM				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	4
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

LOCATION OF WORK:	FAS 1517 (US 150) MAJOR COLLECTOR
	RURAL STA. 264+11.30 STA. 5+80.00 DEWITT
FUNDING BREAKOUT:	80% FED / 20% STATE
CONSTRUCTION TYPE CODE:	0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.00	1.00
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.00	1.00
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1.00	1.00
70300100	SHORT TERM PAVEMENT MARKING	FOOT	7,800.00	7,800.00
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	FOOT	2,600.00	2,600.00
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	123.00	123.00
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	60,793.00	60,793.00
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	140.00	140.00
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2.00	2.00
* 72501100	TERMINAL MARKER - POST MOUNTED	EACH	2.00	2.00
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	123.00	123.00
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	140.00	140.00
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	60,793.00	60,793.00
* 78011000	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	123.00	123.00
* DENOTES SPECIALTY ITEM				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	5
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAS 1517 (US 150)
 MAJOR COLLECTOR
 RURAL
 STA. 264+11.30
 STA. 5+80.00
 DEWITT
 FUNDING BREAKOUT: 80% FED / 20% STATE
 CONSTRUCTION TYPE CODE: 0005

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY QUANTITY
*	78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	140.00	140.00
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	440.00	440.00
*	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	25.00	25.00
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	440.00	440.00
	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	20,667.00	20,667.00
	X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	2,713.00	2,713.00
*	X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	212.50	212.50
*	XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	25.00	25.00
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1.00	1.00
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.00	1.00
* DENOTES SPECIALTY ITEM					

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PLOT DATE = 12/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

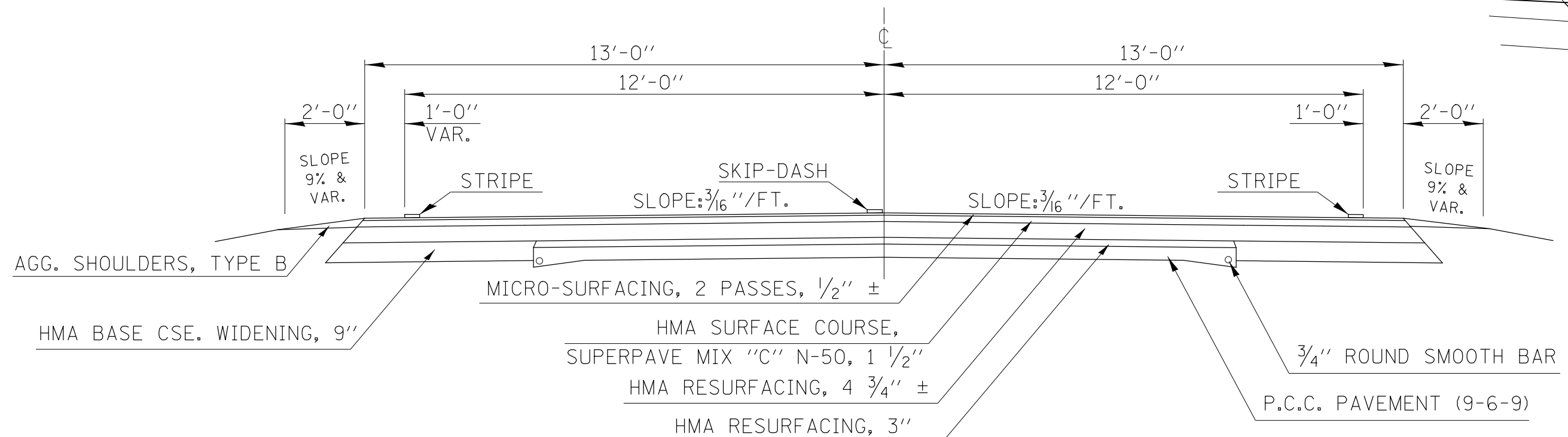
SUMMARY OF QUANTITIES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT				

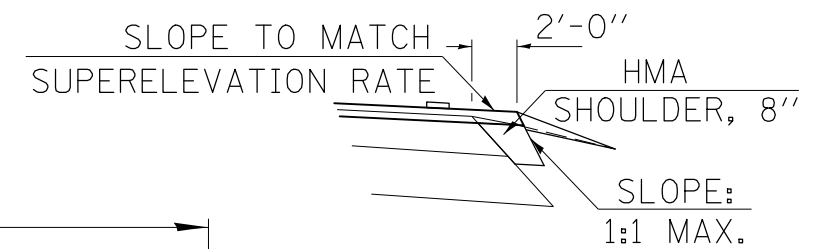
EXISTING ROADWAY CROSS SECTION

STA. 5+80.00 to STA. 264+11.30



SHOULDER DETAIL

RT. STA. 80+25 TO RT. STA. 82+25



*INTENT OF THE HMA SURFACE REMOVAL, 2" IS TO REMOVE THE EXISTING MICRO SURFACING AND HMA SURFACE COURSE, NOT TO EXCEED THE DEPTH OF THE EXISTING HMA SURFACE COURSE.

PROPOSED ROADWAY CROSS SECTION

STA. 5+80.00 to STA. 264+11.30

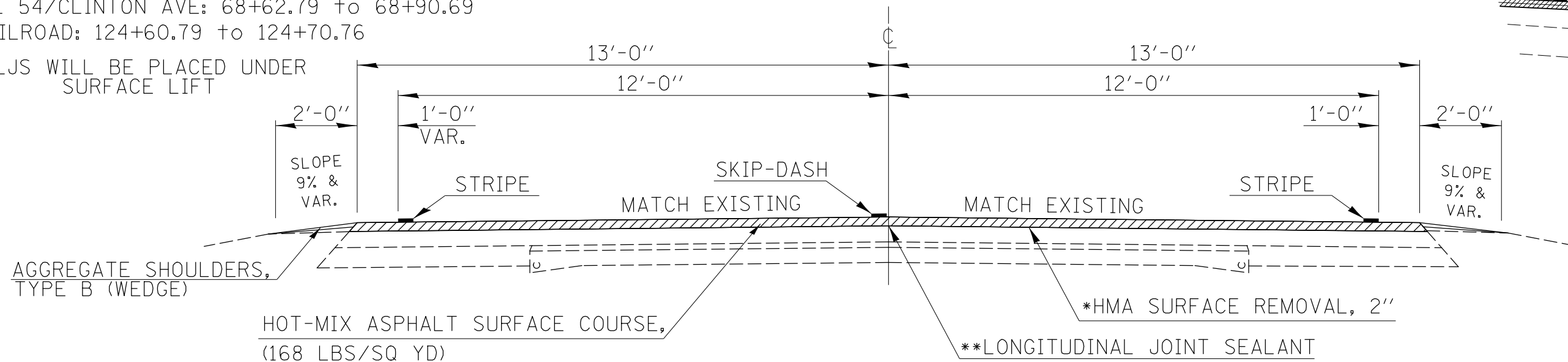
SHOULDER DETAIL

RT. STA. 80+25 TO RT. STA. 82+25

OMISSIONS

S.N. 020-0058: 57+84.42 to 60+19.67
 ILL 54/CLINTON AVE: 68+62.79 to 68+90.69
 RAILROAD: 124+60.79 to 124+70.76

**LJS WILL BE PLACED UNDER SURFACE LIFT



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DRAWN - BAF	REVISIONS -	
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PLOT DATE = 12/8/2022	DATE -	REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US 150 TYPICAL CROSS-SECTION

SCALE: NTS SHEET 1 OF 1 SHEETS STA. 0+00.00 TO STA. 264+36.50

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DEWITT	44	7
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

GUARDRAIL EARTHWORK AND SEEDING SCHEDULE														
STR. #	SIDE	APP DEP	STA	TO	STA	LENGTH FT	20400800	25000210	25000400	25000500	25000600	25100115	28000250	25000350
							FURNISHED EXCAVATION	SEED CL 2A	NIT FERT NUT	PHOS FERT NUT	POT FERT NUT	MULCH METHOD 2	TEMP EROS CONT SEED	SEED CL 7
							CU YD	ACRE	POUND	POUND	POUND	ACRE	POUND	ACRE
020-0058	NB	APP	49+02.01	TO	49+52.01	50.00	7.50	0.01	0.90	0.90	0.90	0.01	4.00	0.03
020-0058	SB	DEP	56+39.55	TO	56+89.55	50.00	7.50	0.01	0.90	0.90	0.90	0.01	4.00	0.03
TOTALS =							15.00	0.02	1.80	1.80	1.80	0.02	8.00	0.06
ROUNDED TOTALS =							15.00	0.25	22.50	22.50	22.50	0.25	100.00	0.75

LJS SCHEDULE				
STA	TO	STA	LENGTH FOOT	40600370
				LONGITUDINAL JOINT SEALANT FOOT (LANE)
5+80.00	TO	57+84.42	5,204.42	5,204.4
OMISSION - S.N. 020-0058				
60+19.67	TO	68+62.79	843.12	843.1
OMISSION - ILL 54 (CLINTON AVE)				
68+90.69	TO	124+60.79	5,570.10	5,570.1
OMISSION - RAILROAD				
124+70.76	TO	264+11.30	13,940.54	13,940.5
SUB-TOTALS =				25,558.2
ROUNDED SUB-TOTALS =				25,559.0
TOTALS =				25,559.0

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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	8
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

NORTHBOUND PAVING SCHEDULE																
STA	TO	STA	LENGTH FOOT	AVG LANE WIDTH FOOT	LANE AREA SQ YD	AVG. SHLDR WIDTH FOOT	SHLDR AREA SQ YD	SURFACE THICKNESS INCH	40600290		40604050		44000157		48203100	
									EIT MATL (TACK COAT)		HMA SURF CSE MIX C, N50 1.5"		HMA SURFACE REMOVAL 2"		HMA SHOULDERS 1.5"	
									POUND	(LANE)	(SHLDR)	TON	(LANE)	(SHLDR)	SQ YD	TON
5+80.00	TO	57+84.42	5,204.42	13.0	7,517.5	0.0	0.0	1.5	3,382.9		631.5	7,517.5	0.0	0.0		
OMISSION - S.N. 020-0058																
60+19.67	TO	68+62.79	843.12	13.0	1,217.8	0.0	0.0	1.5	548.0	0.0	102.3	1,217.8	0.0	0.0		
OMISSION - ILL 54 (E CLINTON AVE)																
68+90.69	TO	79+17.48	1,026.79	13.0	1,483.1	0.0	0.0	1.5	667.4	0.0	124.6	1,483.1	0.0	0.0		
79+17.48	TO	81+24.25	206.77	13.0	298.7	3.0	68.9	1.5	134.4	31.0	25.1	298.7	68.9	5.8		
81+24.25	TO	124+60.79	4,336.54	13.0	6,263.9	0.0	0.0	1.5	2,818.8	0.0	526.2	6,263.9	0.0	0.0		
OMISSION - RAILROAD																
124+70.76	TO	264+11.30	13,940.54	13.0	20,136.3	0.0	0.0	1.5	9,061.3	0.0	1,691.4	20,136.3	0.0	0.0		
NORTHBOUND SUB-TOTALS =									16,612.8	31.0	3,101.1	36,917.3	68.9	5.8		
NORTHBOUND ROUNDED SUB-TOTALS =									16,613.0	31.0	3,102.0	36,918.0	69.0	6.0		
NORTHBOUND TOTALS =									16,644.0		3,102.0	36,987.0		6.0		

SOUTHBOUND PAVING SCHEDULE																
STA	TO	STA	LENGTH FOOT	AVG LANE WIDTH FOOT	LANE AREA SQ YD	AVG. SHLDR WIDTH FOOT	SHLDR AREA SQ YD	SURFACE THICKNESS INCH	40600290		40604050		44000157		48203100	
									EIT MATL (TACK COAT)		HMA SURF CSE MIX C, N50 1.5"		HMA SURFACE REMOVAL 2"		HMA SHOULDERS 1.5"	
									POUND	(LANE)	(SHLDR)	TON	(LANE)	(SHLDR)	SQ YD	TON
5+80.00	TO	57+84.42	5,204.42	13.0	7,517.5	0.0	0.0	1.5	3,382.9		631.5	7,517.5	0.0	0.0		
OMISSION - S.N. 020-0058																
60+19.67	TO	68+62.79	843.12	13.0	1,217.8	0.0	0.0	1.5	548.0	0.0	102.3	1,217.8	0.0	0.0		
OMISSION - ILL 54 (E CLINTON AVE)																
68+90.69	TO	124+60.79	5,570.10	13.0	8,045.7	0.0	0.0	1.5	3,620.6	0.0	675.8	8,045.7	0.0	0.0		
OMISSION - RAILROAD																
124+70.76	TO	264+11.30	13,940.54	13.0	20,136.3	0.0	0.0	1.5	9,061.3	0.0	1,691.4	20,136.3	0.0	0.0		
SOUTHBOUND SUB-TOTALS =									16,612.8	0.0	3,101.0	36,917.3	0.0	0.0		
SOUTHBOUND ROUNDED SUB-TOTALS =									16,613.0	0.0	3,101.0	36,918.0	0.0	0.0		
SOUTHBOUND TOTALS =									16,613.0		3,102.0	36,918.0		0.0		
TOTALS =									33,257.0		6,204.0	73,905.0		6.0		

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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -	
PLOT DATE = 12/8/2022	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	9
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

INCIDENTAL SCHEDULE									
STA	DIRECTION	LOCATION	ENTRANCE MATERIAL	APRON MATERIAL	RESURFACING AREA SQ FT	AVG THICKNESS IN	40800029	40800050	X4400196
							BIT MATL (TACK COAT)	INCIDENTAL HMA SURFACING	HMA SURFACE REMOVAL SPECIAL
							POUND	TON	SQ YD
8+45.08	WB	F.E. #001	AGG	HMA	66.63	1.5	3.33	0.62	7.40
13+32.97	WB	F.E. #002	AGG	HMA	92.55	1.5	4.63	0.86	10.28
29+06.75	WB	F.E. #004	AGG	HMA	54.86	1.5	2.74	0.51	6.10
40+77.58	WB	F.E. #005	AGG	HMA	76.08	1.5	3.80	0.71	8.45
73+43.87	WB	F.E. #007	AGG	HMA	308.53	1.5	15.43	2.88	34.28
74+94.40	WB	P.E. #008	AGG	HMA	62.33	1.5	3.12	0.58	6.93
76+88.33	WB	P.E. #009	AGG	HMA	55.51	1.5	2.78	0.52	6.17
81+54.00	WB	E HIGH ST	HMA	N/A	368.52	1.5	18.43	3.44	40.95
81+54.00	EB	E HIGH ST	HMA	N/A	2,140.38	1.5	107.02	19.98	237.82
83+13.23	EB	P.E. #010	AGG	HMA	158.53	1.5	7.93	1.48	17.61
83+18.14	WB	P.E.#011	AGG	HMA	170.47	1.5	8.52	1.59	18.94
84+81.81	WB	E ALLEN ST	HMA	N/A	552.89	1.5	27.64	5.16	61.43
84+81.81	EB	E ALLEN ST	HMA	N/A	615.14	1.5	30.76	5.74	68.35
86+28.24	EB	P.E. #012	HMA	HMA	196.94	1.5	9.85	1.84	21.88
86+34.06	WB	P.E. #013	AGG	HMA	35.95	1.5	1.80	0.34	3.99
86+50.50	EB	P.E. #014	AGG	HMA	155.21	1.5	7.76	1.45	17.25
87+47.17	EB	C.E. #015	HMA	HMA	491.58	1.5	24.58	4.59	54.62
88+21.22	WB	E RICHARDSON ST	HMA	N/A	771.46	1.5	38.57	7.20	85.72
88+21.22	EB	E RICHARDSON ST	HMA	N/A	504.31	1.5	25.22	4.71	56.03
88+90.94	WB	C.E. #016	AGG	AGG	0.00	1.5	0.00	0.00	0.00
89+57.45	WB	C.E. #017	HMA	HMA	240.31	1.5	12.02	2.24	26.70
91+52.31	WB	E DODGE ST	HMA	N/A	281.11	1.5	14.06	2.62	31.23
91+52.31	EB	E DODGE ST	HMA	N/A	375.21	1.5	18.76	3.50	41.69
97+09.64	WB	F.E. #018	AGG	HMA	90.94	1.5	4.55	0.85	10.10
100+19.03	EB	C.E. #019	AGG	HMA	95.10	1.5	4.76	0.89	10.57
100+28.82	WB	P.E. #020	AGG	HMA	59.11	1.5	2.96	0.55	6.57
101+36.52	EB	P.E. #021	AGG	HMA	220.83	1.5	11.04	2.06	24.54
101+48.40	WB	P.E. #022	AGG	HMA	88.91	1.5	4.45	0.83	9.88
101+87.40	EB	E VAN BUREN ST	HMA	HMA	722.25	1.5	36.11	6.74	80.25
103+24.25	WB	P.E. #023	AGG	HMA	81.95	1.5	4.10	0.76	9.11
104+95.55	WB	STENSEL DR	HMA	N/A	552.33	1.5	27.62	5.16	61.37
104+35.20	EB	C.E. #024	AGG	HMA	431.32	1.5	21.57	4.03	47.92
110+93.41	WB	C.E. #025	PCC	HMA	593.49	1.5	29.67	5.54	65.94
112+39.26	WB	N JAMES ST	HMA	N/A	361.32	1.5	18.07	3.37	40.15
112+70.59	EB	N JAMES ST	HMA	N/A	489.50	1.5	24.48	4.57	54.39
112+86.10	WB	C.E. #026	AGG	HMA	170.31	1.5	8.52	1.59	18.92
113+31.19	EB	C.E. #027	AGG	HMA	184.59	1.5	9.23	1.72	20.51
114+54.60	EB	P.E. #028	AGG	HMA	70.99	1.5	3.55	0.66	7.89
112+70.59	EB	W VAN BUREN ST	HMA	N/A	970.18	1.5	48.51	9.06	107.80
116+75.51	WB	N MAIN ST	HMA	N/A	473.69	1.5	23.68	4.42	52.63
116+75.51	EB	N MAIN ST	HMA	N/A	494.63	1.5	24.73	4.62	54.96
SUB-TOTALS =							578.13	107.91	1,284.61

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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	10
			CONTRACT NO. 70E85	
		ILLINOIS FED. AID PROJECT		

SCHEDULES OF QUANTITIES

INCIDENTAL SCHEDULE (CONTINUED)									
STA	DIRECTION	LOCATION	ENTRANCE MATERIAL	APRON MATERIAL	RESURFACING AREA SQ FT	AVG THICKNESS IN	40800029	40800050	X4400196
							BIT MATL (TACK COAT) POUND	INCIDENTAL HMA SURFACING TON	HMA SURFACE REMOVAL SPECIAL SQ YD
116+78.74	EB	P.E. #029	HMA	HMA	0.00	1.5	0.00	0.00	0.00
118+20.43	EB	P.E. #030	HMA	HMA	106.27	1.5	5.31	0.99	11.81
120+58.52	EB	N WILLIAMS ST	HMA	N/A	576.12	1.5	28.81	5.38	64.01
120+75.62	WB	W NORTH ST	HMA	N/A	426.80	1.5	21.34	3.98	47.42
120+75.62	WB	P.E. #031	AGG	HMA	191.81	1.5	9.59	1.79	21.31
120+87.42	EB	C.E. #032	PCC	HMA	407.77	1.5	20.39	3.81	45.31
124+35.33	EB	N PLUM ST	HMA	N/A	495.55	1.5	24.78	4.63	55.06
124+35.33	WB	N PLUM ST	HMA	N/A	440.05	1.5	22.00	4.11	48.89
125+73.04	WB	C.E. #033	AGG	HMA	292.15	1.5	14.61	2.73	32.46
127+48.14	WB	C.E. #034	HMA	HMA	96.40	1.5	4.82	0.90	10.71
128+66.72	EB	JOHN ST	HMA	N/A	1,687.04	1.5	84.35	15.75	187.45
128+66.72	WB	N 265 EAST RD	HMA	N/A	735.81	1.5	36.79	6.87	81.76
127+48.14	EB	MAILBOX TURNOUT	N/A	HMA	402.93	1.5	20.15	3.76	44.77
127+48.14	WB	P.E. #035	AGG	HMA	313.21	1.5	15.66	2.92	34.80
148+06.90	EB	MAILBOX TURNOUT	N/A	HMA	380.49	1.5	19.02	3.55	42.28
148+06.90	WB	P.E. #036	AGG	HMA	217.88	1.5	10.89	2.03	24.21
156+38.18	EB	MAILBOX TURNOUT	N/A	HMA	206.38	1.5	10.32	1.93	22.93
156+42.63	WB	P.E. #037	AGG	HMA	218.00	1.5	10.90	2.03	24.22
156+55.37	EB	F.E. #038	AGG	HMA	157.31	1.5	7.87	1.47	17.48
157+68.88	WB	P.E. #039	AGG	HMA	51.49	1.5	2.57	0.48	5.72
174+76.59	WB	P.E. #040	AGG	HMA	292.44	1.5	14.62	2.73	32.49
176+64.57	WB	P.E. #041	AGG	HMA	220.92	1.5	11.05	2.06	24.55
176+64.57	EB	MAILBOX TURNOUT	N/A	HMA	416.93	1.5	20.85	3.89	46.33
184+51.05	EB	P.E. #042	AGG	HMA	115.66	1.5	5.78	1.08	12.85
185+42.98	WB	F.E. #043	AGG	HMA	51.72	1.5	2.59	0.48	5.75
191+77.15	WB	N 2550 EAST RD	HMA	N/A	497.73	1.5	24.89	4.65	55.30
193+89.61	EB	E 1500 NORTH RD	HMA	N/A	396.46	1.5	19.82	3.70	44.05
199+36.15	WB	P.E. #044	AGG	AGG	0.00	1.5	0.00	0.00	0.00
215+71.37	EB	P.E. #045	AGG	HMA	53.04	1.5	2.65	0.50	5.89
224+26.75	WB	F.E. #046	AGG	HMA	95.46	1.5	4.77	0.89	10.61
239+62.36	EB	F.E. #047	AGG	HMA	43.28	1.5	2.16	0.40	4.81
242+26.46	WB	F.E. #048	AGG	HMA	47.12	1.5	2.36	0.44	5.24
260+67.25	EB	C.E. #049	AGG	HMA	853.30	1.5	42.67	7.96	94.81
TOTALS =							1,220.73	227.87	2,712.60
ROUNDED TOTALS =							1,221.00	228.00	2,713.00

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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	11
			CONTRACT NO. 70E85	
		ILLINOIS FED. AID PROJECT		

SCHEDULES OF QUANTITIES

SOUTHBOUND CLASS D PATCHING 19 INCH SCHEDULE							
STA	LANE	LENGTH FT	WIDTH FT	44201871	44201875	44201879	44201881
				CLASS D PATCHES, TYPE I, 19 INCH	CLASS D PATCHES, TYPE II, 19 INCH	CLASS D PATCHES, TYPE III, 19 INCH	CLASS D PATCHES, TYPE IV, 19 INCH
				SQ YD	SQ YD	SQ YD	SQ YD
6+21.00	EB	5	13	0.00	7.22	0.00	0.00
11+00.00	EB	4.5	13	0.00	6.50	0.00	0.00
11+59.00	EB	6	13	0.00	8.67	0.00	0.00
22+57.00	EB	9	13	0.00	13.00	0.00	0.00
24+61.00	EB	4.5	13	0.00	6.50	0.00	0.00
26+25.00	EB	4.5	13	0.00	6.50	0.00	0.00
30+50.00	EB	8	13	0.00	11.56	0.00	0.00
38+70.00	EB	7	13	0.00	10.11	0.00	0.00
55+85.00	EB	15	13	0.00	0.00	21.67	0.00
58+00.00	EB	10	13	0.00	14.44	0.00	0.00
62+00.00	EB	10	13	0.00	14.44	0.00	0.00
62+50.00	EB	4.5	13	0.00	6.50	0.00	0.00
79+75.00	EB	5	13	0.00	7.22	0.00	0.00
86+95.00	EB	4.5	13	0.00	6.50	0.00	0.00
92+40.00	EB	4.5	13	0.00	6.50	0.00	0.00
93+96.00	EB	4.5	13	0.00	6.50	0.00	0.00
94+35.00	EB	7	13	0.00	10.11	0.00	0.00
103+84.00	EB	4.5	13	0.00	6.50	0.00	0.00
107+95.00	EB	4.5	13	0.00	6.50	0.00	0.00
116+57.00	EB	10	13	0.00	14.44	0.00	0.00
119+20.00	EB	4.5	13	0.00	6.50	0.00	0.00
119+80.00	EB	4.5	13	0.00	6.50	0.00	0.00
120+87.00	EB	12	13	0.00	0.00	17.33	0.00
121+30.00	EB	4.5	13	0.00	6.50	0.00	0.00
127+00.00	EB	4.5	13	0.00	6.50	0.00	0.00
129+25.00	EB	4.5	13	0.00	6.50	0.00	0.00
130+10.00	EB	6	13	0.00	8.67	0.00	0.00
130+77.00	EB	10	4.5	0.00	5.00	0.00	0.00
147+20.00	EB	5	13	0.00	7.22	0.00	0.00
171+75.00	EB	4.5	13	0.00	6.50	0.00	0.00
172+00.00	EB	4.5	13	0.00	6.50	0.00	0.00
176+00.00	EB	6	13	0.00	8.67	0.00	0.00
181+91.00	EB	5	13	0.00	7.22	0.00	0.00
192+91.00	EB	6	13	0.00	8.67	0.00	0.00
200+91.00	EB	5	13	0.00	7.22	0.00	0.00
213+40.00	EB	6	13	0.00	8.67	0.00	0.00
220+58.00	EB	6	13	0.00	8.67	0.00	0.00
227+28.00	EB	25	13	0.00	0.00	0.00	36.11
229+90.00	EB	4.5	6	3.00	0.00	0.00	0.00
230+05.00	EB	5	6	3.33	0.00	0.00	0.00
233+50.00	EB	8	13	0.00	11.56	0.00	0.00
237+20.00	EB	6	13	0.00	8.67	0.00	0.00
242+81.00	EB	8	13	0.00	11.56	0.00	0.00
246+01.00	EB	4.5	13	0.00	6.50	0.00	0.00
246+96.00	EB	5	13	0.00	7.22	0.00	0.00
253+05.00	EB	4.5	13	0.00	6.50	0.00	0.00
SOUTHBOUND TOTALS =				6.33	337.22	39.00	36.11
SOUTHBOUND ROUNDED TOTALS =				7.00	338.00	39.00	37.00

NORTHBOUND CLASS D PATCHING 19 INCH SCHEDULE							
STA	LANE	LENGTH FT	WIDTH FT	44201871	44201875	44201879	44201881
				CLASS D PATCHES, TYPE I, 19 INCH	CLASS D PATCHES, TYPE II, 19 INCH	CLASS D PATCHES, TYPE III, 19 INCH	CLASS D PATCHES, TYPE IV, 19 INCH
				SQ YD	SQ YD	SQ YD	SQ YD
11+59.00	WB	6	13	0.00	8.67	0.00	0.00
15+76.00	WB	4.5	13	0.00	6.50	0.00	0.00
22+57.00	WB	9	13	0.00	13.00	0.00	0.00
31+00.00	WB	6	6	4.00	0.00	0.00	0.00
37+00.00	WB	6	13	0.00	8.67	0.00	0.00
55+70.00	WB	5	13	0.00	7.22	0.00	0.00
58+00.00	WB	10	13	0.00	14.44	0.00	0.00
62+00.00	WB	10	13	0.00	14.44	0.00	0.00
64+75.00	WB	4.5	13	0.00	6.50	0.00	0.00
68+00.00	WB	6	13	0.00	8.67	0.00	0.00
75+30.00	WB	4.5	13	0.00	6.50	0.00	0.00
92+35.00	WB	7	13	0.00	10.11	0.00	0.00
92+40.00	WB	6	13	0.00	8.67	0.00	0.00
107+95.00	WB	5	13	0.00	7.22	0.00	0.00
116+57.00	WB	4.5	13	0.00	6.50	0.00	0.00
119+20.00	WB	5	13	0.00	7.22	0.00	0.00
119+80.00	WB	4.5	13	0.00	6.50	0.00	0.00
120+87.00	WB	4.5	13	0.00	6.50	0.00	0.00
121+08.00	WB	6	13	0.00	8.67	0.00	0.00
121+30.00	WB	4.5	13	0.00	6.50	0.00	0.00
127+22.00	WB	4.5	13	0.00	6.50	0.00	0.00
127+60.00	WB	4.5	13	0.00	6.50	0.00	0.00
129+25.00	WB	4.5	13	0.00	6.50	0.00	0.00
131+50.00	WB	6	13	0.00	8.67	0.00	0.00
147+20.00	WB	5	13	0.00	7.22	0.00	0.00
172+00.00	WB	4.5	13	0.00	6.50	0.00	0.00
181+91.00	WB	5	13	0.00	7.22	0.00	0.00
184+30.00	WB	5	13	0.00	7.22	0.00	0.00
192+72.00	WB	5	13	0.00	7.22	0.00	0.00
201+13.00	WB	6	13	0.00	8.67	0.00	0.00
220+18.00	WB	6	13	0.00	8.67	0.00	0.00
225+41.00	WB	4.5	13	0.00	6.50	0.00	0.00
227+20.00	WB	10	13	0.00	14.44	0.00	0.00
235+12.00	WB	6	13	0.00	8.67	0.00	0.00
242+67.00	WB	7	13	0.00	10.11	0.00	0.00
250+31.00	WB	5	13	0.00	7.22	0.00	0.00
NORTHBOUND TOTALS =				4.00	290.33	0.00	0.00
NORTHBOUND ROUNDED TOTALS =				4.00	291.00	0.00	0.00
GRAND TOTALS =				11.00	629.00	39.00	37.00

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 12/8/2022

USER NAME = Braclley,Fernan	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 12/8/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	12
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

NORTHBOUND AGGREGATE SHOULDER SCHEDULE							
STA	TO	STA	LENGTH FT	OMISSION REASON	WIDTH FT	AVERAGE THICKNESS IN	48102100
							AGGREGATE WEDGE SHOULDER TYPE B TON
5+80.00	TO	58+14.31	5,234.31	S.N. 020-0058	3.00	1.5	130.86
59+89.72	TO	68+36.57	846.85	ILL 54 (E CLINTON AVE)	3.00	1.5	21.17
70+19.33	TO	71+02.81	83.48	C.E. #006	3.00	1.5	2.09
71+90.53	TO	81+23.75	933.22	E HIGH ST	3.00	1.5	23.33
81+68.73	TO	84+57.20	288.47	E ALLEN ST	3.00	1.5	7.21
85+04.76	TO	87+77.94	273.18	E RICHARDSON ST	3.00	1.5	6.83
89+93.11	TO	91+35.43	142.32	E DODGE ST	3.00	1.5	3.56
91+68.81	TO	93+29.74	160.93	S.N. 020-8039	3.00	1.5	4.02
93+69.46	TO	104+61.14	1,091.68	STENSEL DR	3.00	1.5	27.29
105+26.24	TO	110+59.65	533.41	C.E. #025	3.00	1.5	13.34
111+32.63	TO	112+12.92	80.29	N JAMES ST	3.00	1.5	2.01
113+05.76	TO	116+55.32	349.56	N MAIN ST	3.00	1.5	8.74
117+11.68	TO	120+15.92	304.24	W NORTH ST	3.00	1.5	7.61
120+89.99	TO	124+40.48	350.49	R.R. & N PLUM ST	3.00	1.5	8.76
124+74.48	TO	127+27.90	253.42	C.E #034	3.00	1.5	6.34
127+67.15	TO	128+26.14	58.99	N 265 EAST RD	3.00	1.5	1.47
129+27.55	TO	191+70.20	6,242.65	N 2550 EAST RD	3.00	1.5	156.07
192+27.34	TO	264+13.46	7,186.12	OLD PRINCIPAL RD	3.00	1.5	179.65
NORTHBOUND TOTAL =							610.35
ROUNDED NORTHBOUND TOTAL =							611.00

SOUTHBOUND AGGREGATE SHOULDER SCHEDULE							
STA	TO	STA	LENGTH FT	OMISSION REASON	WIDTH FT	AVERAGE THICKNESS IN	48102100
							AGGREGATE WEDGE SHOULDER TYPE B TON
5+80.00	TO	58+14.31	5,234.31	S.N. 020-0058	3.00	1.5	130.86
59+89.65	TO	68+60.32	870.67	ILL 54 (CLINTON AVE)	3.00	1.5	21.77
69+45.02	TO	80+78.97	1,133.95	E HIGH ST	3.00	1.5	28.35
82+16.47	TO	84+49.23	232.76	E ALLEN ST	3.00	1.5	5.82
85+37.72	TO	86+18.12	80.40	P.E. #012	3.00	1.5	2.01
86+59.73	TO	86+83.26	23.53	C.E. #015	3.00	1.5	0.59
87+69.45	TO	87+94.54	25.09	E RICHARDSON ST	3.00	1.5	0.63
88+49.62	TO	91+38.14	288.52	E DODGE ST	3.00	1.5	7.21
91+81.61	TO	93+28.45	146.84	S.N. 020-8039	3.00	1.5	3.67
93+69.21	TO	101+76.30	807.09	E VAN BUREN ST	3.00	1.5	20.18
102+71.33	TO	112+34.48	963.15	S JAMES ST	3.00	1.5	24.08
112+88.56	TO	114+79.93	191.37	W VAN BUREN ST	3.00	1.5	4.78
115+81.08	TO	116+25.39	44.31	N MAIN ST	3.00	1.5	1.11
117+11.35	TO	118+03.68	92.33	P.E. #030	3.00	1.5	2.31
118+35.34	TO	120+06.78	171.44	N WILLIAMS ST & N PLUM ST	3.00	1.5	4.29
124+31.50	TO	124+72.51	41.01	R.R.	3.00	1.5	1.03
124+80.67	TO	127+13.62	232.95	JOHN SI	3.00	1.5	5.82
129+05.89	TO	193+81.12	6,475.23	E 1500 NORTH RD	3.00	1.5	161.88
194+15.94	TO	264+14.80	6,998.86	OLD PRINCIPAL RD	3.00	1.5	174.97
SOUTHBOUND TOTAL =							601.36
ROUNDED SOUTHBOUND TOTAL =							602.00
TOTAL =							1213.00

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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = 12/8/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	13
			CONTRACT NO. 70E85	
		ILLINOIS	FED. AID PROJECT	

SCHEDULES OF QUANTITIES

GUARDRAIL REMOVAL SCHEDULE							
STR. #	SIDE	APP DEP	STA	TO	STA	LENGTH FT	63200310
							GUARDRAIL REMOVAL FT
020-0058	NB	APP	50+39.10	TO	58+20.31	781.21	781.21
020-0058	NB	DEP	59+83.42	TO	68+62.79	945.65	945.65
020-0058	SB	DEP	54+93.29	TO	58+20.74	327.45	327.45
020-0058	SB	APP	59+83.66	TO	68+62.79	886.12	886.12
TOTALS =							2,940.43
ROUNDED TOTALS =							2,940.00

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USER NAME = Braclay,Fernam PLOT SCALE = 40,0000 * / in. PLOT DATE = 12/8/2022	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES	SCALE:	SHEET 7 OF 12 SHEETS STA. TO STA.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: small;">F.A.S. RTE.</th> <th style="font-size: small;">SECTION</th> <th style="font-size: small;">COUNTY</th> <th style="font-size: small;">TOTAL SHEETS</th> <th style="font-size: small;">SHEET NO.</th> </tr> <tr> <td style="text-align: center;">1517</td> <td style="text-align: center;">(10,11)RS-3</td> <td style="text-align: center;">DE WITT</td> <td style="text-align: center;">44</td> <td style="text-align: center;">14</td> </tr> <tr> <td colspan="5" style="text-align: center; font-size: x-small;">CONTRACT NO. 70E85</td> </tr> <tr> <td colspan="5" style="text-align: center; font-size: x-small;">ILLINOIS FED. AID PROJECT</td> </tr> </table>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	1517	(10,11)RS-3	DE WITT	44	14	CONTRACT NO. 70E85					ILLINOIS FED. AID PROJECT				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																							
1517	(10,11)RS-3	DE WITT	44	14																							
CONTRACT NO. 70E85																											
ILLINOIS FED. AID PROJECT																											

SCHEDULES OF QUANTITIES

GUARDRAIL SCHEDULE														
STR. #	SIDE	APP DEP	STA	TO	STA	LENGTH FT	63000003	63100045	63100085	63100167	72501000	72501100	78200005	X6330725
							STEEL PLATE BEAM GUARDRAIL TY. A, 9 FT FT	TRAFFIC BARRIER TERMINAL, TY. 2 EACH	TRAFFIC BARRIER TERMINAL, TY. 6 EACH	TRAFFIC BARRIER TERMINAL, TY. 1 (SPL) TAN EACH	TERMINAL MARKER DIRECT APPLIED EACH	TERMINAL MARKER - PM EACH	GUARDRAIL REFLECTORS, TY. A EACH	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) FT
020-0058	NB	APP	49+02.01	TO	49+52.01	50.00				1.00	1.00			
020-0058	NB	APP	49+52.01	TO	57+77.01	825.00	825.00						7.00	
020-0058	NB	APP	57+77.01	TO	58+20.31	43.30		1.00						
020-0058	NB	DEP	59+89.53	TO	60+39.53	50.00		1.00						
020-0058	NB	DEP	60+39.53	TO	68+14.53	775.00	775.00						7.00	
020-0058	NB	DEP	68+14.53	TO	68+44.54	112.50								112.50
020-0058	NB	DEP	68+23.08	TO	68+35.58	12.50		1.00			1.00			
020-0058	SB	DEP	56+39.55	TO	56+89.55	50.00			1.00	1.00				
020-0058	SB	DEP	56+89.55	TO	57+77.05	87.50	87.50						4.00	
020-0058	SB	DEP	57+77.05	TO	58+14.55	37.50		1.00						
020-0058	SB	APP	59+89.42	TO	60+26.92	37.50		1.00						
020-0058	SB	APP	60+26.92	TO	67+64.42	737.50	737.50						7.00	
020-0058	SB	APP	67+64.42	TO	68+50.29	100.00								100.00
020-0058	SB	APP	68+50.29	TO	68+60.01	12.50		1.00			1.00			
TOTALS =							2,425.00	2.00	4.00	2.00	2.00	2.00	25.00	212.50

STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) WILL MATCH EXISTING LOCATIONS AND RADIUS

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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		SCALE:	SHEET 8	OF 12 SHEETS	STA.	TO STA.	(10,11)RS-3	DE WITT	44 15
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -								CONTRACT NO. 70E85	
PLOT DATE = 12/8/2022	DATE -	REVISED -								ILLINOIS FED. AID PROJECT	

SCHEDULES OF QUANTITIES

MANHOLE FRAMES TO BE ADJUSTED SCHEDULE		
		60300350
		MAN FRAMES ADJUST EACH
STA	LOCATION	
81+54.00	E HIGH ST	1.0
88+21.22	E RICHARDSON ST	1.0
SUB-TOTALS =		2.0
TOTALS =		2.0

RAISED RELECTIVE PAVEMENT MARKER SCHEDULE									
NO PASSING ZONE	STATION	TO	STATION	LENGTH FOOT	NUMBER OF MARKERS	SPACING	78100100 RAISED REFLECTIVE PAVEMENT MARKER		78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
							1-WAY CRYSTAL	2-WAY AMBER	EACH
	5+80.00	TO	66+84.06	6,104.06	1.00	80.00		77.00	77.00
BOTH	66+84.06	TO	68+33.77	149.71	2.00	80.00		4.00	4.00
OMISSION - ILL 54/CLINTON AVE									
BOTH	69+20.05	TO	70+79.26	159.21	2.00	80.00		4.00	4.00
	70+79.26	TO	76+90.00	610.74	1.00	80.00		8.00	8.00
*	BOTH	76+90.00	TO	84+39.17	749.17	2.00	40.00	38.00	38.00
*	BOTH	76+90.00	TO	84+39.17	749.17	2.00	80.00		20.00
	84+39.17	TO	89+86.28	547.11	1.00	80.00		7.00	7.00
*	BOTH	89+86.28	TO	98+13.23	826.95	2.00	40.00	42.00	42.00
*	BOTH	89+86.28	TO	98+13.23	826.95	2.00	80.00		22.00
	98+13.23	TO	121+64.28	2,351.05	1.00	80.00		30.00	30.00
BOTH	121+64.87	TO	124+60.79	295.92	2.00	80.00		8.00	8.00
OMISSION - RAILROAD									
BOTH	124+70.76	TO	127+24.87	254.11	2.00	80.00		8.00	8.00
	127+24.87	TO	264+11.30	13,686.43	1.00	80.00		172.00	172.00
SUB-TOTALS =							80.00	360.00	440.00
TOTALS =							80.00	360.00	440.00
ROUNDED TOTALS =							440.00	440.00	440.00

* STATION RANGES ON CURVE

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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -	
PLOT DATE = 12/8/2022	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	16
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

PAVEMENT MARKINGS & STOP BAR SCHEDULE				
LOCATION	DESCRIPTION	70300281	70300211	
		TEMP PVT MK L 24 PNT FOOT	TEMP PVT MK L&S PNT FOOT	
		78000650	78000100	
		THPL PVT MK LINE 24 WHITE SOLID FOOT	THPL PVT MK LTR & SYM WHITE SOLID FOOT	
		78011125	78011000	78300202
		GRV RCSD PVT MRKG 25 FOOT	GRV RCSD PM LTR & SYM SQ FT	PAVEMENT MK REMOVAL - WATER BLAST SQ FT
69+32.35 (US 150)	STOP BAR	20.00		40.00
68+24.54 (US150)	STOP BAR	20.00		40.00
1L 54	STOP BAR	20.00		40.00
1L 54	STOP BAR	20.00		40.00
124+37.77 (RR)	RAILROAD	30.00	61.20	121.20
124+93.04 (RR)	RAILROAD	30.00	61.20	121.20
TOTALS =		140.00	122.40	402.40
ROUNDED TOTALS =		140.00	123.00	403.00

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USER NAME = Bradley,Fernam	DESIGNED -	REVISED -
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PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	17
			CONTRACT NO. 70E85	
			ILLINOIS FED. AID PROJECT	

SCHEDULES OF QUANTITIES

CENTERLINE PAVEMENT MARKING SCHEDULE																						
STA	TO	STA	LENGTH FT	NO. LINES	COLOR	LINE TYPE	SKIP-DASH	SOLID	SOLID + SKIP-DASH	DOUBLE SOLID	NOTES	ROADWAY										
												70300100			70300150		70300221		78001110		78300202	
												SHORT TERM PAVEMENT MARKING			SHORT TERM PAVEMENT MARKING		TEMPORARY PAVEMENT MARKING LINE - 4" - PAINT		PAINT PAVEMENT MARKING LINE - 4'		PAVEMENT REMOVAL WATER BLAST	
			NO. LINE	NO. APP.	FT	SQ FT	YELLOW		FT		SQ FT											
005+80.00	TO	066+76.94	6,096.94	1	YELLOW	SKIP-DASH	1,530.00	0.00	0.00	0.00		1.00	3.00	1,836.00	612.00	1,530.00	510.00					
066+76.94	TO	068+62.79	185.85	2	YELLOW	DOUBLE SOLID	0.00	0.00	0.00	372.00	NO PASSING ZONE	1.00	3.00	60.00	20.00	372.00	124.00					
OMISSION - E CLINTION AVE																						
068+90.69	TO	070+76.54	185.85	2	YELLOW	DOUBLE SOLID	0.00	0.00	0.00	372.00	NO PASSING ZONE	1.00	3.00	60.00	20.00	372.00	124.00					
070+64.54	TO	076+88.33	623.79	1	YELLOW	SKIP-DASH	160.00	0.00	0.00	0.00		1.00	3.00	192.00	64.00	160.00	53.33					
076+88.33	TO	084+39.18	750.85	2	YELLOW	DOUBLE SOLID	0.00	0.00	0.00	1,502.00	NO PASSING ZONE	1.00	3.00	228.00	76.00	1,502.00	500.67					
084+39.18	TO	089+86.28	547.10	1	YELLOW	SKIP-DASH	140.00	0.00	0.00	0.00		1.00	3.00	168.00	56.00	140.00	46.67					
089+86.28	TO	098+13.23	826.95	2	YELLOW	DOUBLE SOLID	0.00	0.00	0.00	1,654.00	NO PASSING ZONE	1.00	3.00	252.00	84.00	1,654.00	551.33					
098+13.23	TO	121+64.09	2350.86	1	YELLOW	SKIP-DASH	590.00	0.00	0.00	0.00		1.00	3.00	708.00	236.00	590.00	196.67					
121+64.09	TO	124+60.79	296.70	2	YELLOW	DOUBLE SOLID	0.00	0.00	0.00	593.00	NO PASSING ZONE	1.00	3.00	96.00	32.00	593.00	197.67					
OMISSION - RAILROAD																						
124+70.76	TO	127+24.87	254.11	2	YELLOW	DOUBLE SOLID	0.00	0.00	0.00	508.00	NO PASSING ZONE	1.00	3.00	84.00	28.00	508.00	169.33					
127+24.87	TO	264+11.30	13,686.43	1	YELLOW	SKIP-DASH	3,430.00	0.00	0.00	0.00		1.00	3.00	4,116.00	1,372.00	3,430.00	1,143.33					
TOTALS =														7,800.00	2,600.00	10,851.00	3,617.00					

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USER NAME = Braclay,Fernam	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	18
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

NORTHBOUND EDGE OF PAVEMENT MARKING SCHEDULE						
	ROADWAY	ROADWAY	ROADWAY	LENGTH	PAINT	SQ FT
STA	TO	STA	FT	FT	FT	FT
005+80.00	TO	068+62.79	6,282.79	6,282.79	6,282.79	2,094.26
OMISSION - E CLINTON AVE						
068+90.69	TO	081+23.75	1,233.06	1,233.06	1,233.06	411.02
OMISSION - E HIGH ST						
081+71.64	TO	084+54.80	283.16	283.16	283.16	94.39
OMISSION - E ALLEN ST						
085+07.91	TO	087+76.05	268.14	268.14	268.14	89.38
OMISSION - E RICHARDSON ST						
088+78.15	TO	091+33.64	255.49	255.49	255.49	85.16
OMISSION - E DODGE ST						
091+71.10	TO	104+60.98	1,289.88	1,289.88	1,289.88	429.96
OMISSION - STENSEL DR						
105+26.15	TO	110+56.76	530.61	530.61	530.61	176.87
OMISSION - PCC C.E #025						
111+34.97	TO	116+54.00	519.03	519.03	519.03	173.01
OMISSION - N MAIN ST						
117+10.67	TO	120+12.90	302.23	302.23	302.23	100.74
OMISSION - W NORTH ST						
120+65.33	TO	124+60.79	395.46	395.46	395.46	131.82
OMISSION - RAILROAD						
124+70.76	TO	128+26.68	355.92	355.92	355.92	118.64
OMISSION - N 265 EAST RD						
129+24.28	TO	264+11.30	13,487.02	13,487.02	13,487.02	4,495.67
NORTHBOUND-TOTALS =				25,202.79	25,202.79	8,400.93
ROUNDED NORTHBOUND-TOTALS =				25,203.00	25,203.00	8,401.00

SOUTHBOUND EDGE OF PAVEMENT MARKING SCHEDULE						
	ROADWAY	ROADWAY	ROADWAY	LENGTH	PAINT	SQ FT
STA	TO	STA	FT	FT	FT	FT
005+80.00	TO	068+62.79	6,282.79	6,282.79	6,282.79	2,094.26
OMISSION - E CLINTON AVE						
068+90.69	TO	080+78.97	1,188.28	1,188.28	1,188.28	396.09
OMISSION - E HIGH ST						
082+27.07	TO	084+47.92	220.85	220.85	220.85	73.62
OMISSION - E ALLEN ST						
085+43.58	TO	087+92.54	248.96	248.96	248.96	82.99
OMISSION - E RICHARDSON ST						
088+51.21	TO	091+35.78	284.57	284.57	284.57	94.86
OMISSION - E DODGE ST						
091+84.24	TO	101+76.46	992.22	992.22	992.22	330.74
OMISSION - E VAN BUREN ST						
102+59.14	TO	112+33.61	974.47	974.47	974.47	324.82
OMISSION - JAMES ST						
112+88.49	TO	114+54.60	166.11	166.11	166.11	55.37
OMISSION - W VAN BUREN ST						
115+83.54	TO	116+23.34	39.80	39.80	39.80	13.27
OMISSION - N MAIN ST						
117+12.90	TO	120+03.55	290.65	290.65	290.65	96.88
OMISSION - N WILLIAMS ST						
120+93.21	TO	123+94.33	301.12	301.12	301.12	100.37
OMISSION - N PLUM ST						
124+39.72	TO	124+60.79	21.07	21.07	21.07	7.02
OMISSION - RAILROAD						
124+70.76	TO	127+13.62	242.86	242.86	242.86	80.95
OMISSION - JOHN ST						
127+81.87	TO	128+26.87	45.00	45.00	45.00	15.00
OMISSION - JOHN ST						
129+29.98	TO	193+79.52	6,449.54	6,449.54	6,449.54	2,149.85
OMISSION - E 1500 NORTH RD						
194+20.75	TO	264+11.30	6,990.55	6,990.55	6,990.55	2,330.18
SOUTHBOUND-TOTALS =				24,738.84	24,738.84	8,246.28
ROUNDED SOUTHBOUND-TOTALS =				24,739.00	24,739.00	8,246.00
TOTALS =				49,942.00	49,942.00	16,647.00

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PLOT DATE = 12/8/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	19
CONTRACT NO. 70E85				
ILLINOIS		FED. AID PROJECT		

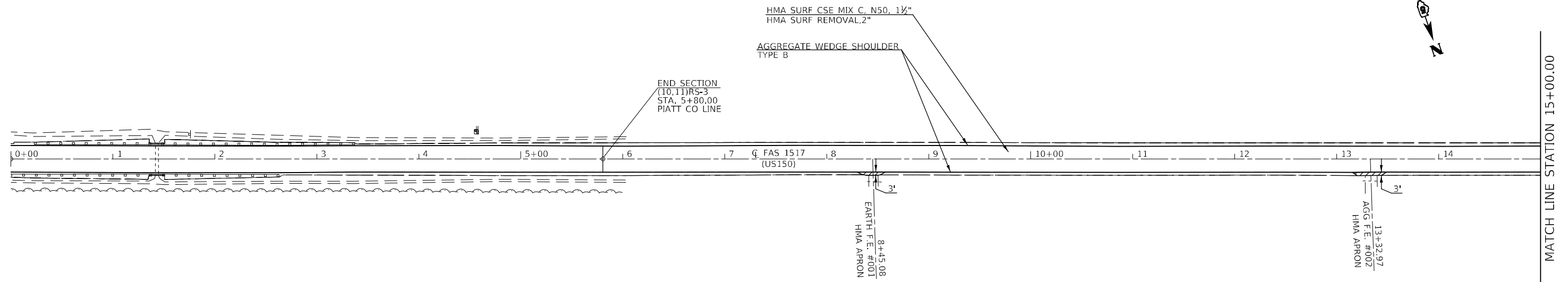
CONTROL POINTS

TYPE 2 SURVEY MARKER SCHEDULE						
POINT	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	XZ193400
						SURVEY MARKER TY. 2 SPL EACH
3	1301064.863	905264.502	22+99.19	0.00	MAG NAIL	1.0
5	1302096.788	902252.882	54+82.70	0.00	MAG NAIL	1.0
PC	1302342.152	901534.004	62+42.30	0.00	MAG NAIL	1.0
PCC	1302710.960	900672.288	71+80.51	0.00	MAG NAIL	1.0
92	1302863.314	900379.562	75+10.51	8.89	MAG NAIL	1.0
PT	1303046.267	900104.920	78+39.88	0.00	MAG NAIL	1.0
31	1303064.279	900077.881	78+72.36	0.00	MAG NAIL	1.0
PC	1303112.371	900010.291	79+55.32	0.00	MAG NAIL	1.0
PT	1303349.318	899886.007	82+32.96	0.00	MAG NAIL	1.0
39	1303426.751	899884.942	83+10.40	0.00	MAG NAIL	1.0
42	1304150.730	899891.349	90+34.41	0.00	MAG NAIL	1.0
PC	1304259.821	899891.402	91+43.50	0.00	MAG NAIL	1.0
PT	1304718.949	899637.231	96+91.38	0.00	MAG NAIL	1.0
52	1304777.549	899543.577	98+01.85	0.00	MAG NAIL	1.0
PC	1305772.047	897904.786	117+18.80	0.00	MAG NAIL	1.0
95	1305948.375	897614.223	120+58.68	5.64	MAG NAIL	1.0
PCC	1306143.572	897335.984	123+98.31	0.00	MAG NAIL	1.0
PT	1306817.335	896585.731	134+09.11	0.00	MAG NAIL	1.0
66	1307077.634	896357.851	137+55.07	0.00	MAG NAIL	1.0
97	1307845.955	895685.521	147+76.02	7.89	MAG NAIL	1.0
PT	1308166.797	895446.649	151+75.61	0.00	MAG NAIL	1.0
98	1311858.513	892698.099	197+78.14	9.67	MAG NAIL	1.0
PT	1312105.663	892465.980	201+16.46	0.00	MAG NAIL	1.0
PC	1315612.330	889172.579	249+27.20	0.00	MAG NAIL	1.0
PT	1316565.314	888479.352	261+08.73	0.00	MAG NAIL	1.0
TOTAL =						25.0

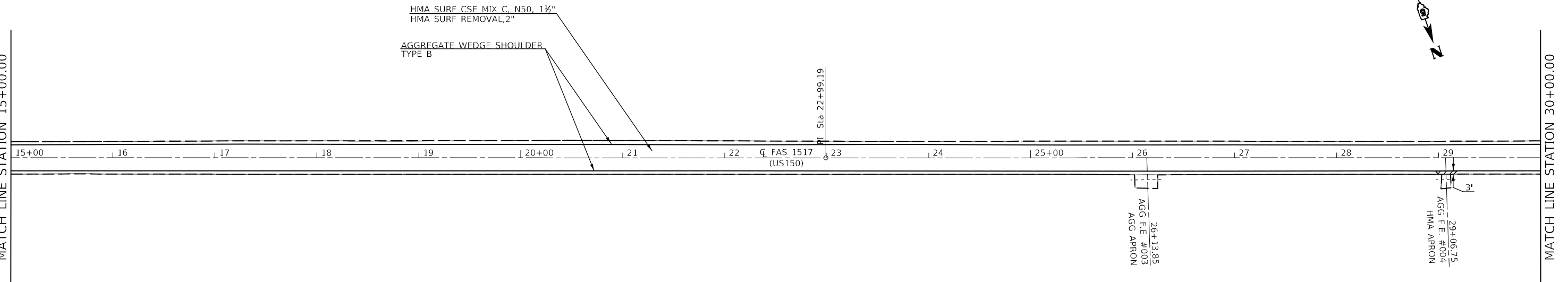
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 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE



 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE



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DRAWN -	REVISIED -	
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PLOT DATE = 12/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

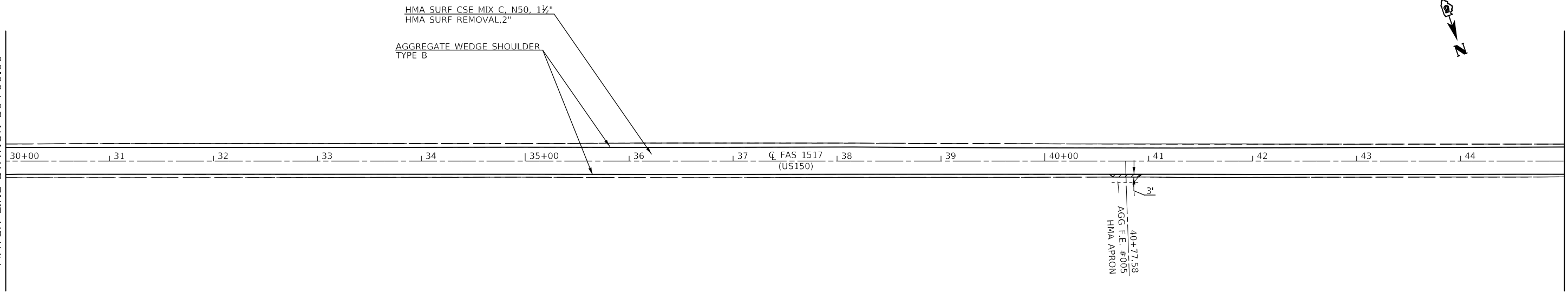
US 150 PLAN SHEETS

SCALE: 1"=50' SHEET 1 OF 9 SHEETS STA. 0+00.00 TO STA. 30+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	21
CONTRACT NO. 70E85			ILLINOIS FED. AID PROJECT	

 HMA SURF REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE

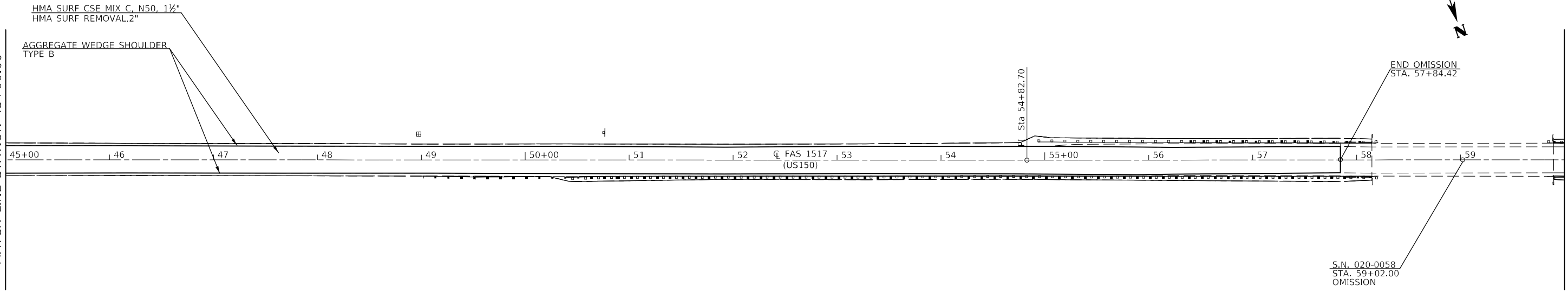
MATCH LINE STATION 30+00.00



MATCH LINE STATION 45+00.00



MATCH LINE STATION 45+00.00



MATCH LINE STATION 60+00.00



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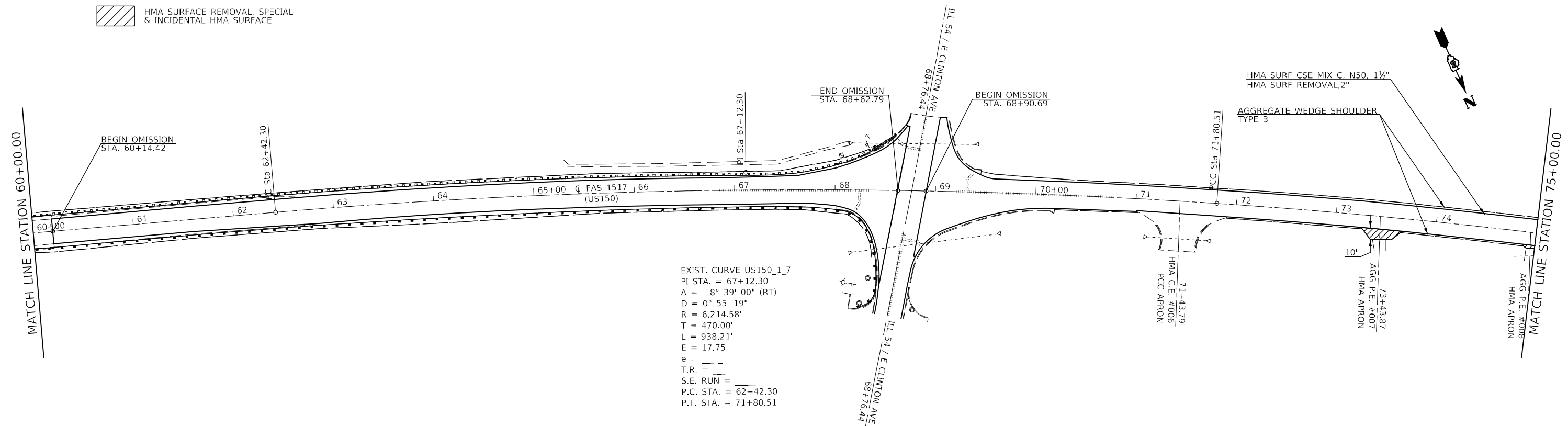
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PLOT DATE = 12/8/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 PLAN SHEETS	
SCALE: 1"=50'	SHEET 2 OF 9 SHEETS
STA. 30+00.00	TO STA. 60+00.00

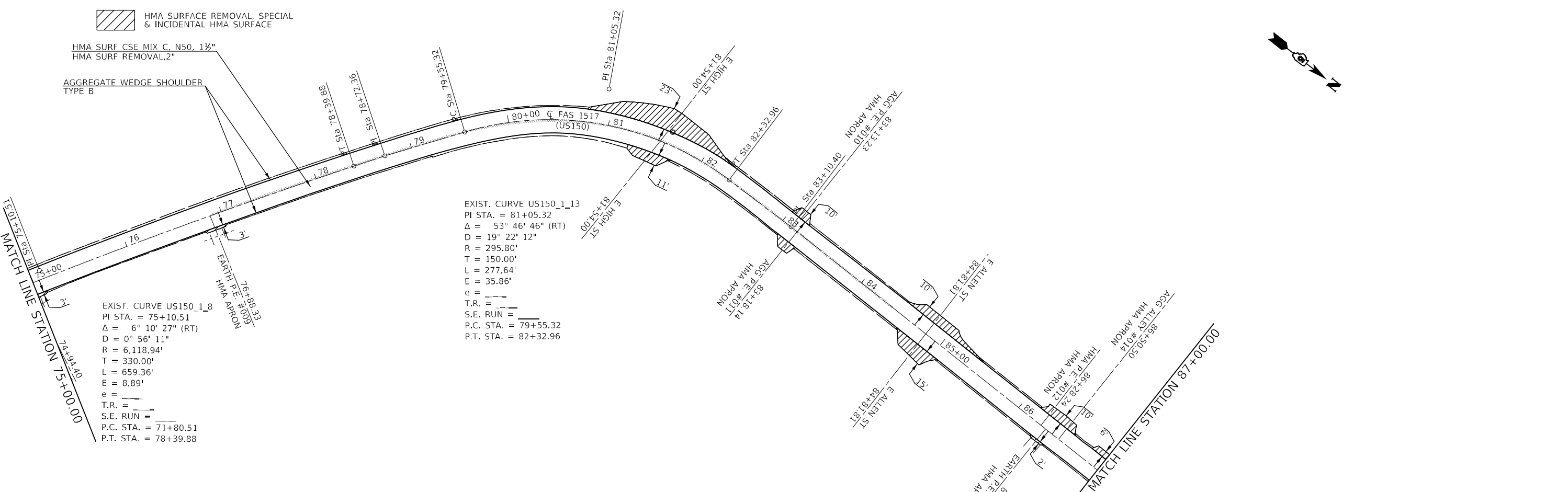
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	22
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE



EXIST. CURVE US150_1_7
 PI STA. = 67+12.30
 $\Delta = 8^\circ 39' 00''$ (RT)
 $D = 0^\circ 55' 19''$
 $R = 6,214.58'$
 $T = 470.00'$
 $L = 938.21'$
 $E = 17.75'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 62+42.30$
 $P.T. STA. = 71+80.51$

 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE



EXIST. CURVE US150_1_8
 PI STA. = 75+10.51
 $\Delta = 6^\circ 10' 27''$ (RT)
 $D = 0^\circ 56' 11''$
 $R = 6,118.94'$
 $T = 330.00'$
 $L = 659.36'$
 $E = 8.89'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 71+80.51$
 $P.T. STA. = 78+39.88$

EXIST. CURVE US150_1_13
 PI STA. = 81+05.32
 $\Delta = 53^\circ 46' 46''$ (RT)
 $D = 19^\circ 22' 12''$
 $R = 295.80'$
 $T = 150.00'$
 $L = 277.64'$
 $E = 35.86'$
 $e = \text{---}$
 $T.R. = \text{---}$
 $S.E. RUN = \text{---}$
 $P.C. STA. = 79+55.32$
 $P.T. STA. = 82+32.96$

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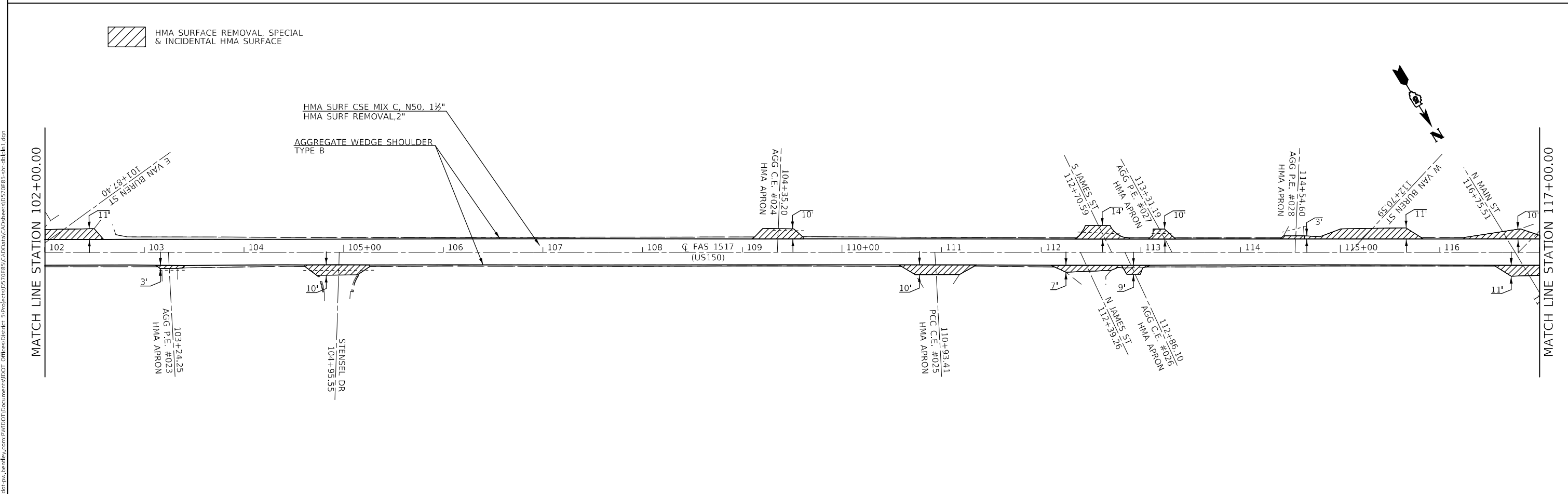
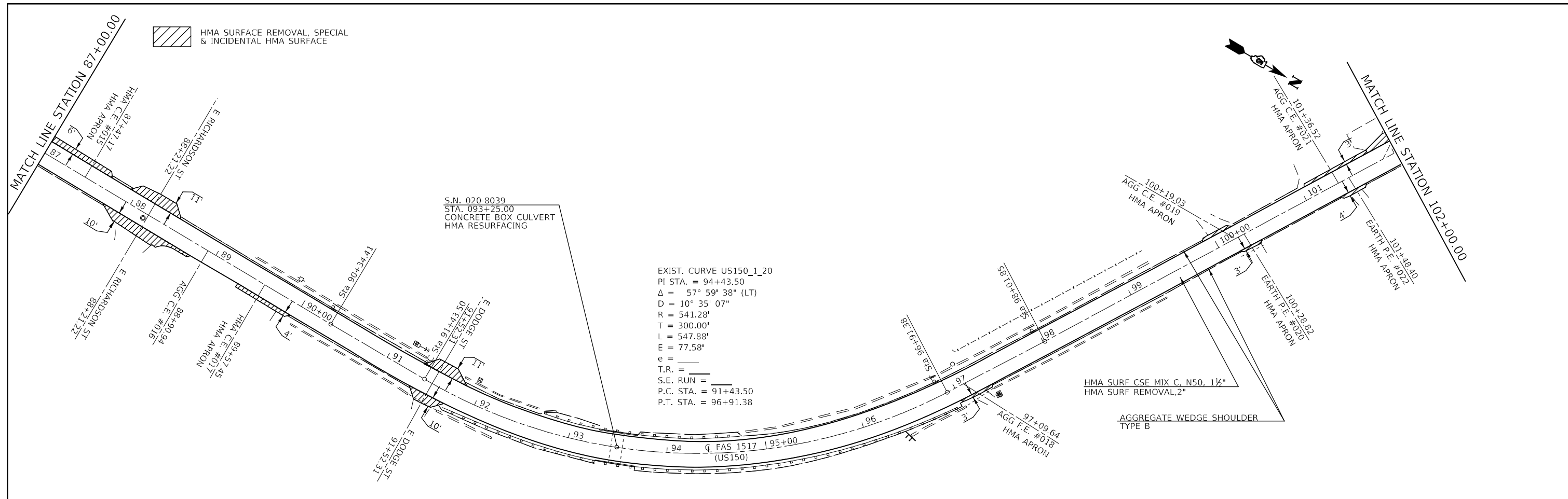
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DRAWN -		REVISD -	
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PLOT DATE =	12/8/2022	DATE -	REVISD -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 PLAN SHEETS

SCALE: 1"=50' SHEET 3 OF 9 SHEETS STA. 60+00.00 TO STA. 87+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	23
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

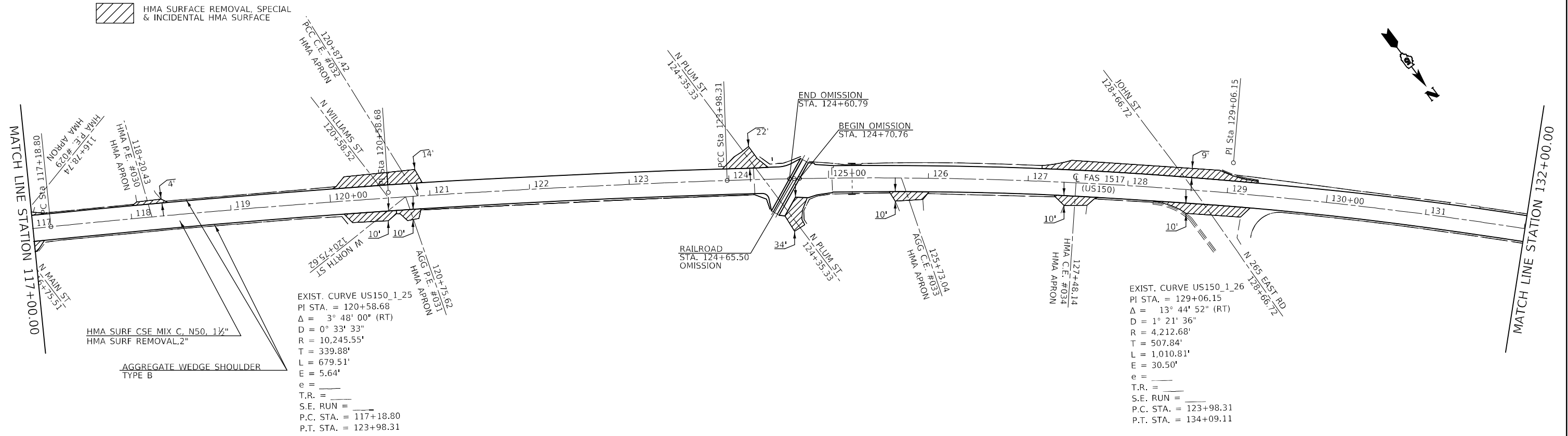
US 150 PLAN SHEETS

SCALE: 1"=50' SHEET 4 OF 9 SHEETS STA. 87+00.00 TO STA. 117+00.00

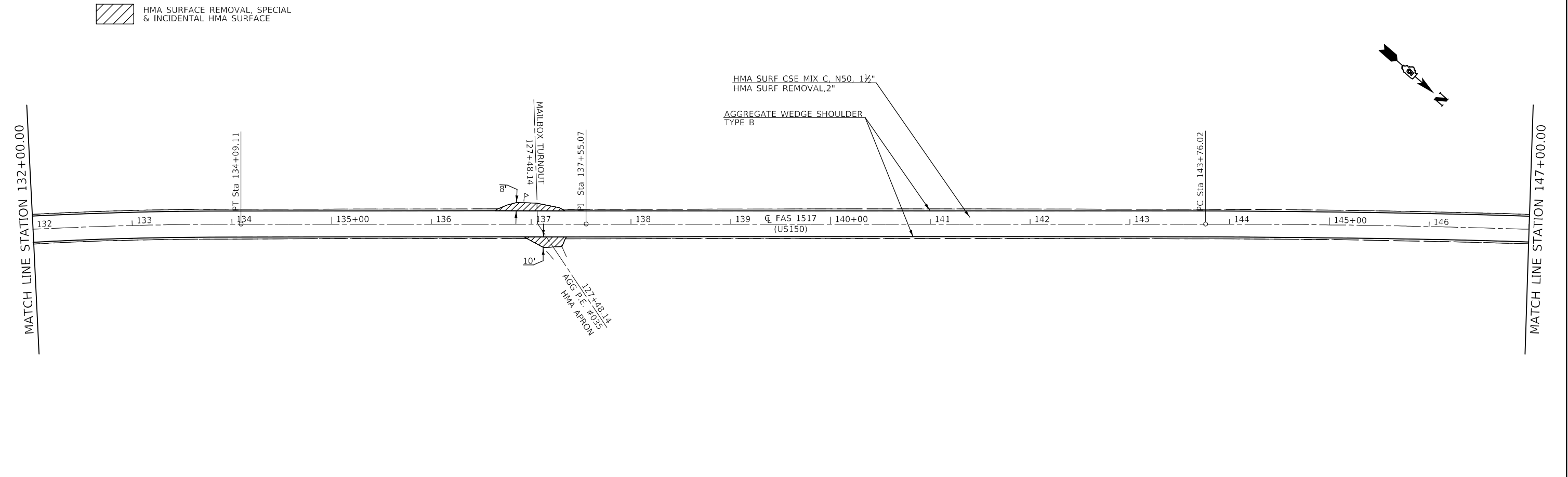
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	24
CONTRACT NO. 70E85			ILLINOIS FED. AID PROJECT	

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 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE



 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 PLAN SHEETS

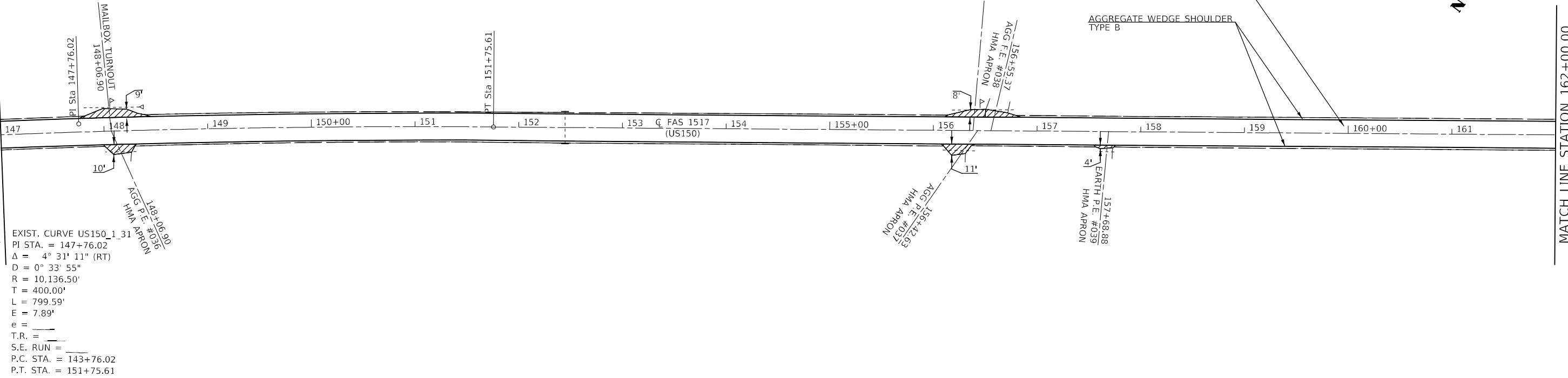
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PLOT DATE = 12/8/2022	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE: 1"=50' SHEET 5 OF 9 SHEETS STA. 117+00.00 TO STA. 147+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	25
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				

 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE

MATCH LINE STATION 147+00.00

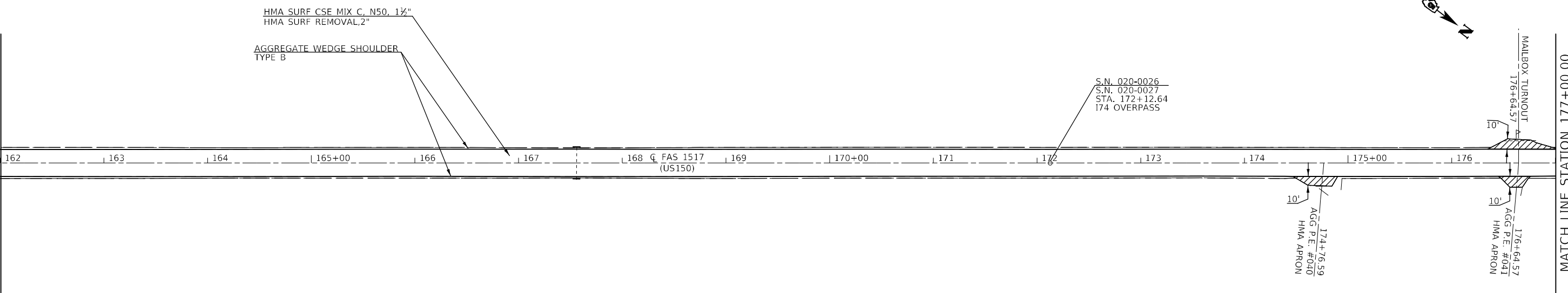


EXIST. CURVE US150_1_31
 PI STA. = 147+76.02
 $\Delta = 4^\circ 31' 11''$ (RT)
 $D = 0^\circ 33' 55''$
 $R = 10,136.50'$
 $T = 400.00'$
 $L = 799.59'$
 $E = 7.89'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 143+76.02$
 $P.T. STA. = 151+75.61$

MATCH LINE STATION 162+00.00

 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE

MATCH LINE STATION 162+00.00



HMA SURF CSE MIX C, N50, 1 1/2"
 HMA SURF REMOVAL, 2"
 AGGREGATE WEDGE SHOULDER
 TYPE B

S.N. 020-0026
 S.N. 020-0027
 STA. 172+12.64
 174 OVERPASS

MATCH LINE STATION 177+00.00

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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

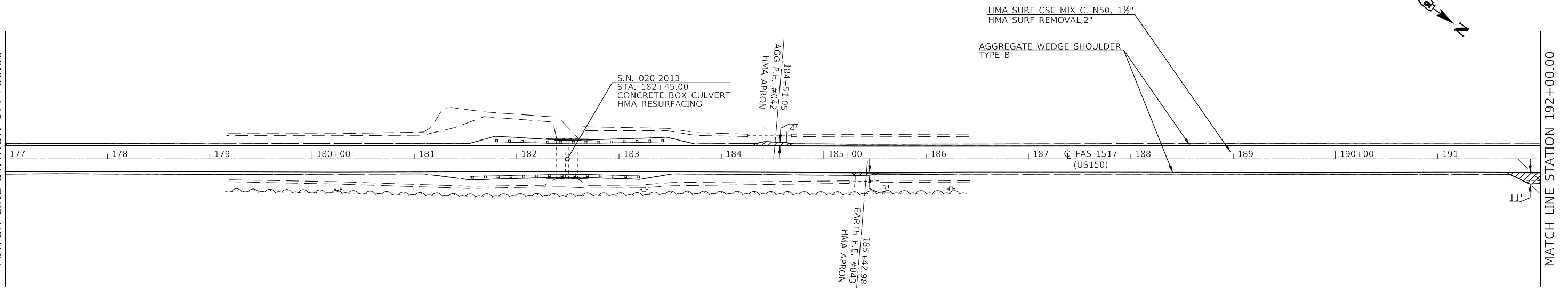
US 150 PLAN SHEETS

SCALE: 1"=50' SHEET 6 OF 9 SHEETS STA. 147+00.00 TO STA. 177+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	26
CONTRACT NO. 70E85			ILLINOIS FED. AID PROJECT	

HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE

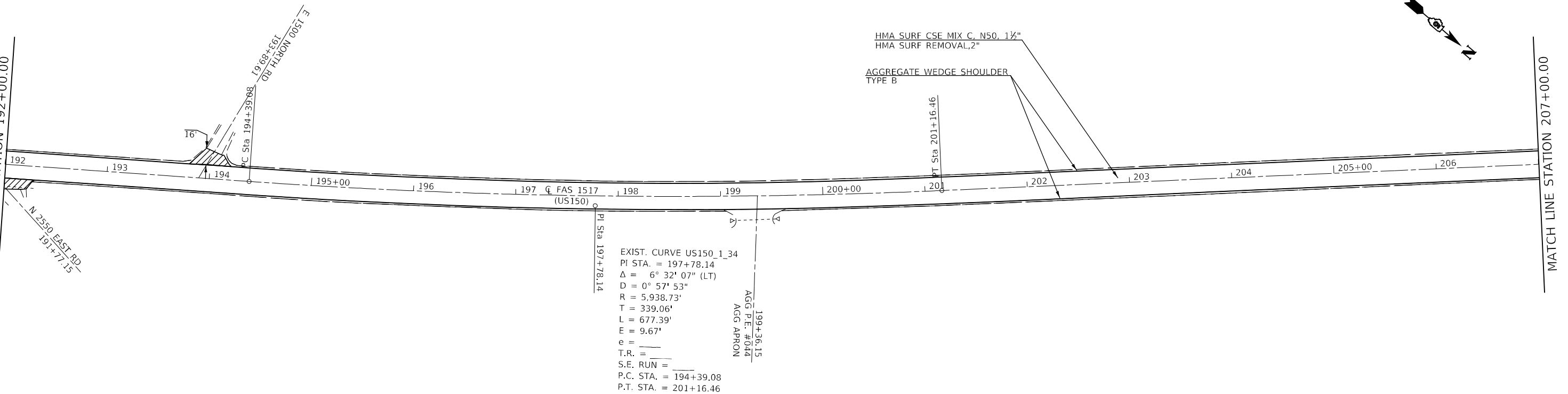
MATCH LINE STATION 177+00.00



MATCH LINE STATION 192+00.00

HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE

MATCH LINE STATION 192+00.00



MATCH LINE STATION 207+00.00

EXIST. CURVE US150_1_34
 PI STA. = 197+78.14
 Δ = 6° 32' 07" (LT)
 D = 0° 57' 53"
 R = 5,938.73'
 T = 339.06'
 L = 677.39'
 E = 9.67'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 194+39.08
 P.T. STA. = 201+16.46

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PLOT DATE = 12/8/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US 150 PLAN SHEETS

SCALE: 1"=50' SHEET 7 OF 9 SHEETS STA. 177+00.00 TO STA. 207+00.00

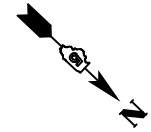
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	27
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				

 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE

HMA SURF CSE MIX C, N50, 1½"
HMA SURF REMOVAL, 2"

AGGREGATE WEDGE SHOULDER
TYPE B

215+71.37
EARTH P.E. #015
HMA APRON



MATCH LINE STATION 207+00.00

207 | 208 | 209 | 210+00 | 211 | 212 | 213 | Q FAS 1517 (US150) | 214 | 215+00 | 216 | 217 | 218 | 219 | 220+00 | 221

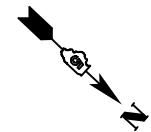
MATCH LINE STATION 222+00.00

 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE

HMA SURF CSE MIX C, N50, 1½"
HMA SURF REMOVAL, 2"

AGGREGATE WEDGE SHOULDER
TYPE B

224+26.75
EARTH P.E. #046
HMA APRON



MATCH LINE STATION 222+00.00

222 | 223 | 224 | 225+00 | 226 | 227 | 228 | Q FAS 1517 (US150) | 229 | 230+00 | 231 | 232 | 233 | 234 | 235+00 | 236

MATCH LINE STATION 237+00.00

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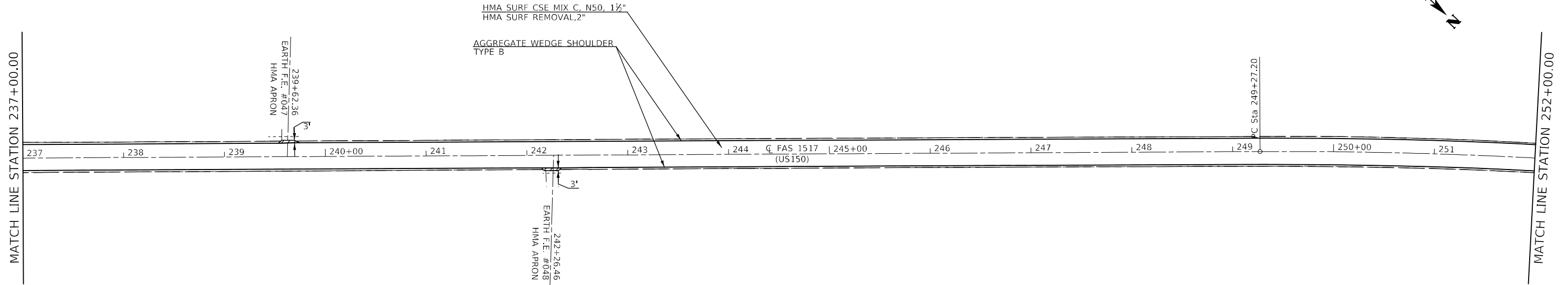
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 PLAN SHEETS

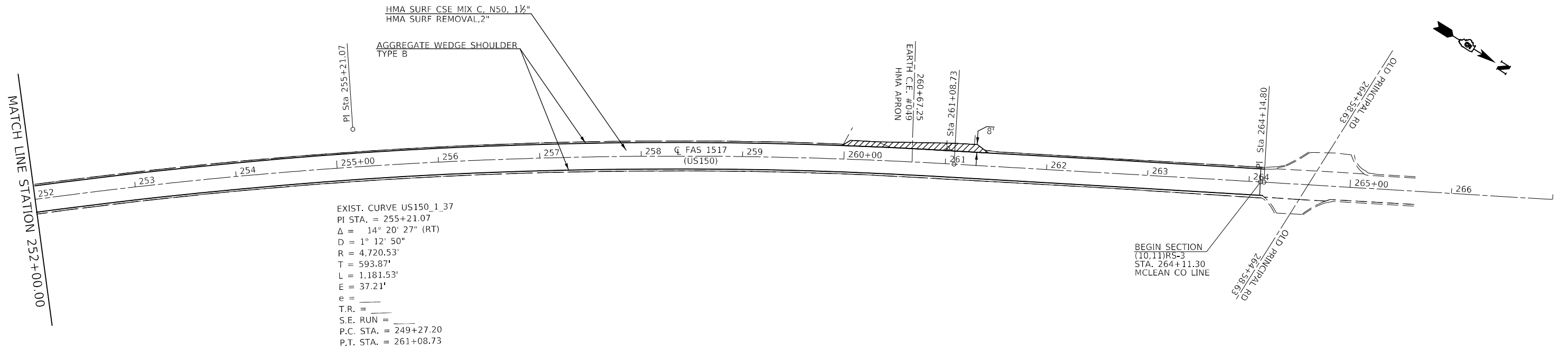
SCALE: 1"=50' SHEET 8 OF 9 SHEETS STA. 207+00.00 TO STA. 237+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	28
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE



HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE



MODEL: I:\MODEL\MMP\FILE: 1517\1517.dwg; PLOT DATE: 12/8/2022; PLOT SCALE: 1"=50'; SHEET 9 OF 9 SHEETS; STA. 237+00.00 TO STA. 264+36.50

USER NAME = Braclay,Fernan	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 12/8/2022	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US 150 PLAN SHEETS

SCALE: 1"=50' SHEET 9 OF 9 SHEETS STA. 237+00.00 TO STA. 264+36.50

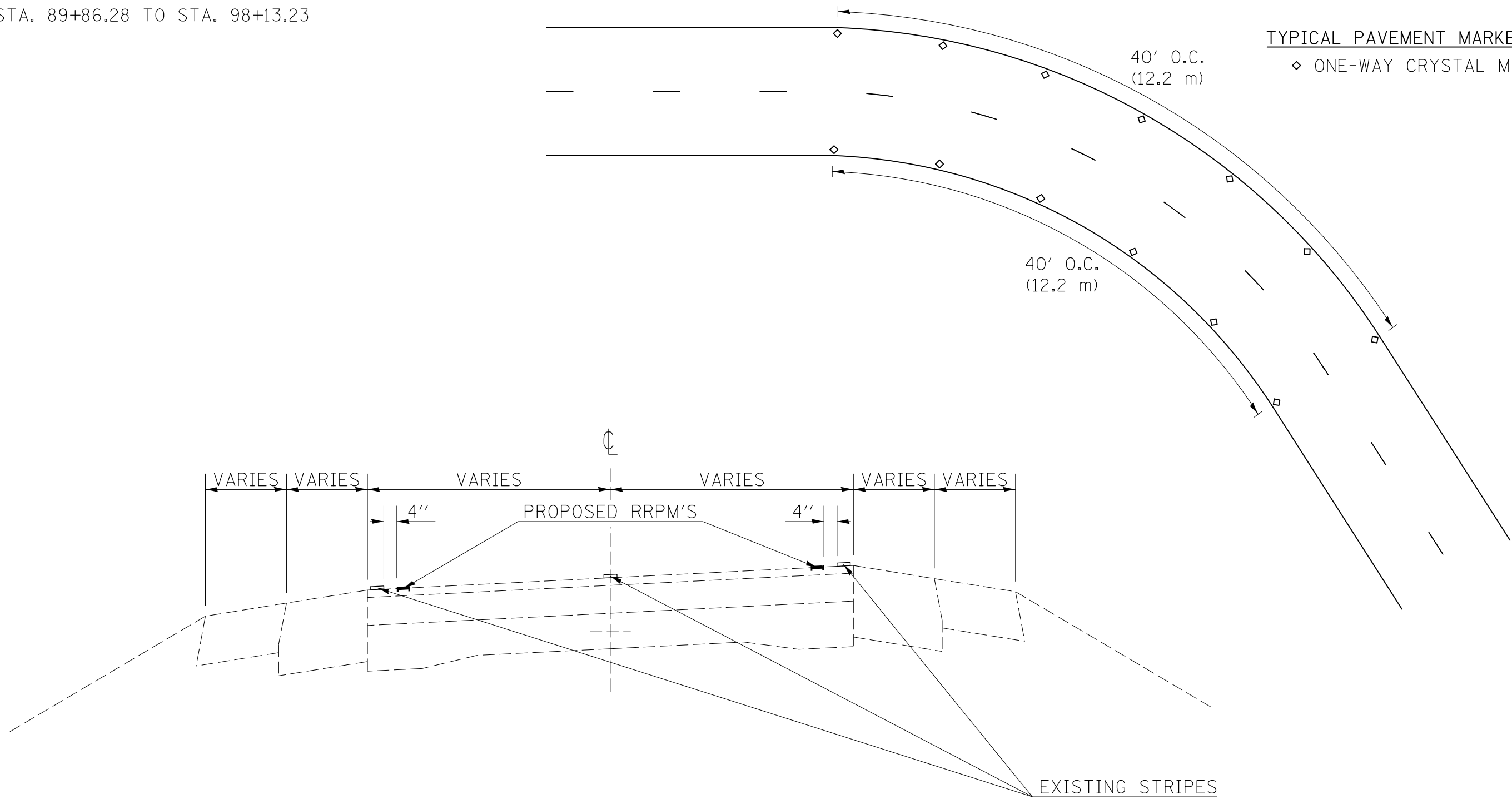
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1517	(10,11)RS-3	DE WITT	44	29
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				

RAISED REFLECTIVE PAVEMENT MARKER AT HORIZONTAL CURVES DETAIL

STATION RANGES
 STA. 76+90.00 TO STA. 84+39.17
 STA. 89+86.28 TO STA. 98+13.23

TYPICAL PAVEMENT MARKERS LEGEND

◊ ONE-WAY CRYSTAL MARKER



STANDARD SPACING ON CENTERLINE

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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 12/8/2022	DATE -	REVISED -

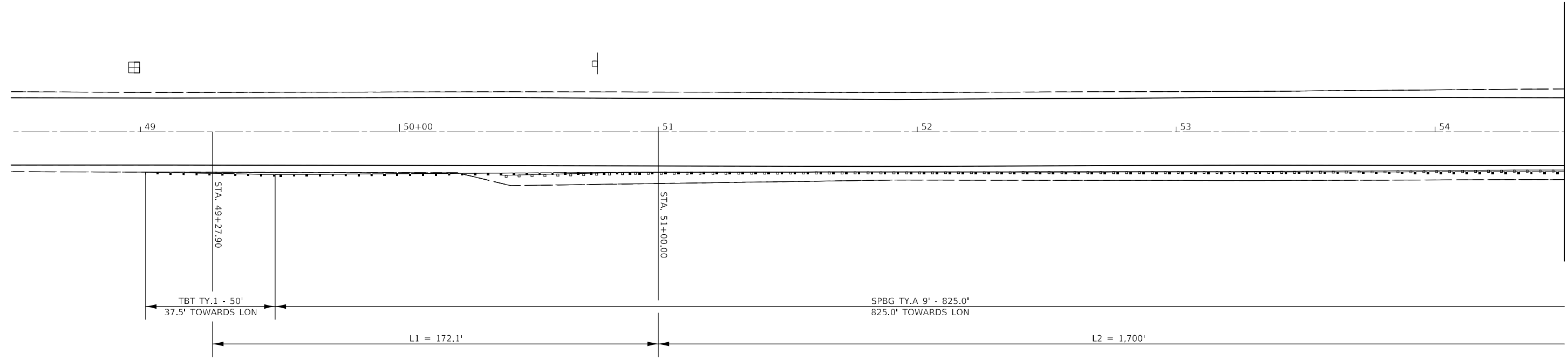
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RAISED REFLECTIVE PAVEMENT MARKER DETAIL			
SCALE: N.T.S.	SHEET 1	OF 1 SHEETS	STA. TO STA.

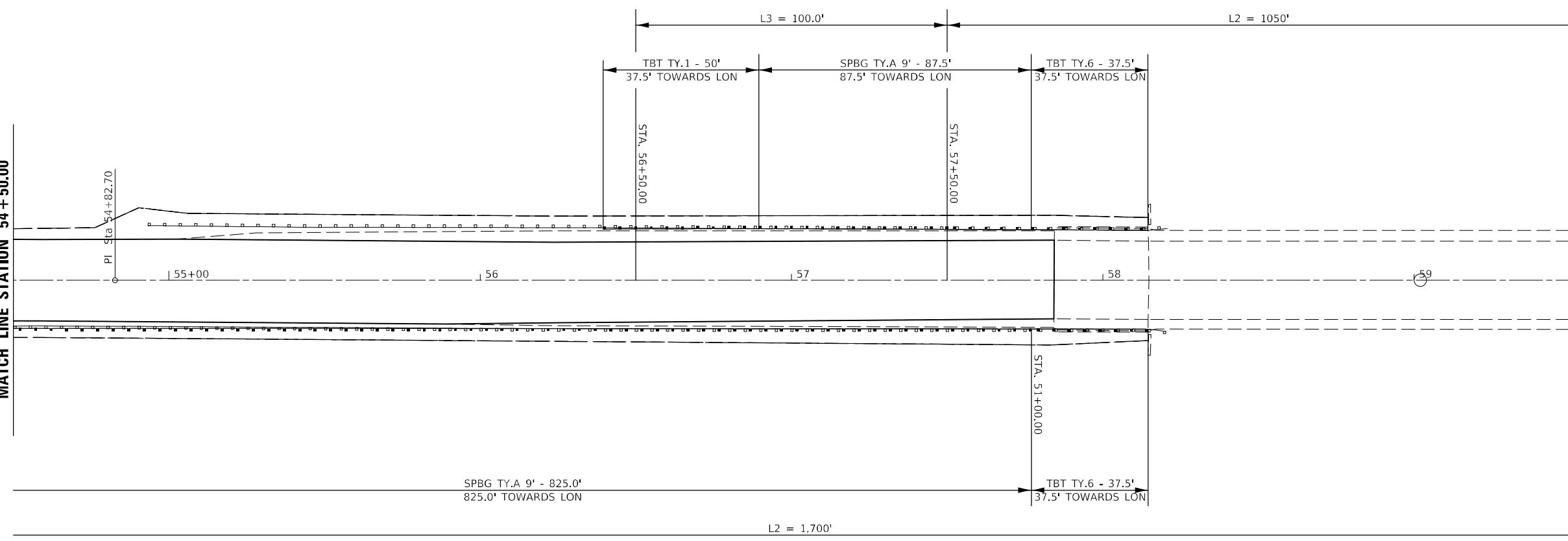
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	30
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				



MATCH LINE STATION 54 + 50.00



MATCH LINE STATION 59 + 50.00



MODEL: \\MODEL\MRFE
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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -
DRAWN -	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 12/8/2022	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**S.N. 020-0058
GUARDRAIL DETAIL**

SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. 48+50.00 TO STA. 59+50.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	31
CONTRACT NO. 70E85			ILLINOIS FED. AID PROJECT	

L2 = 1050'

TBT TY.6 - 37.5'
37.5' TOWARDS LON

SPBG TY.A 9' - 737.5'
737.5' TOWARDS LON

MATCH LINE STATION 59 + 50.00

MATCH LINE STATION 65 + 50.00

TBT TY.6 - 37.5'
37.5' TOWARDS LON

SPBG TY.A 9' - 737.5'
737.5' TOWARDS LON

L2 = 1,700'

L2 = 1050'

SPBG TY.A 9' - 737.5'
737.5' TOWARDS LON

L1 = 172.1'

- * TBT TY. 2 12.5' - 0.0' TOWARDS LON
- ** SPBG SHORT RADIUS - 100.0', 0.0' TOWARDS LON
- *** SPBG SHORT RADIUS - 112.5', 0.0' TOWARDS LON

MATCH LINE STATION 65 + 50.00

SPBG TY.A 9' - 737.5'
737.5' TOWARDS LON

L2 = 1,700'

L3 = 100.0'

HMA C.E. #006
PCC APRON
71+43.79

MODEL: \\MODEL\MAME
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USER NAME = Braclay,Fernan	DESIGNED -	REVISED -
DRAWN -	REVISIONS -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISIONS -
PLOT DATE = 12/8/2022	DATE -	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

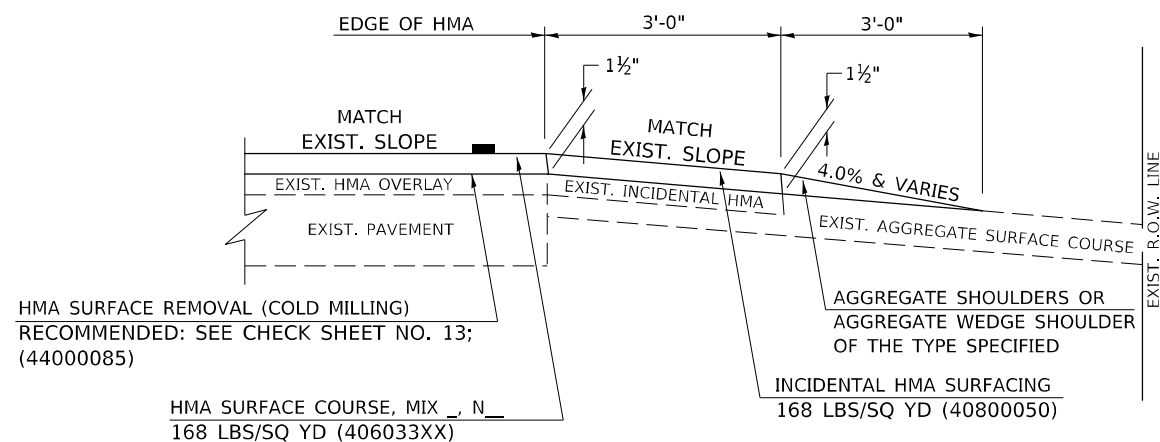
S.N. 020-0058
GUARDRAIL DETAIL

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 59+50.00 TO STA. 71+65.00

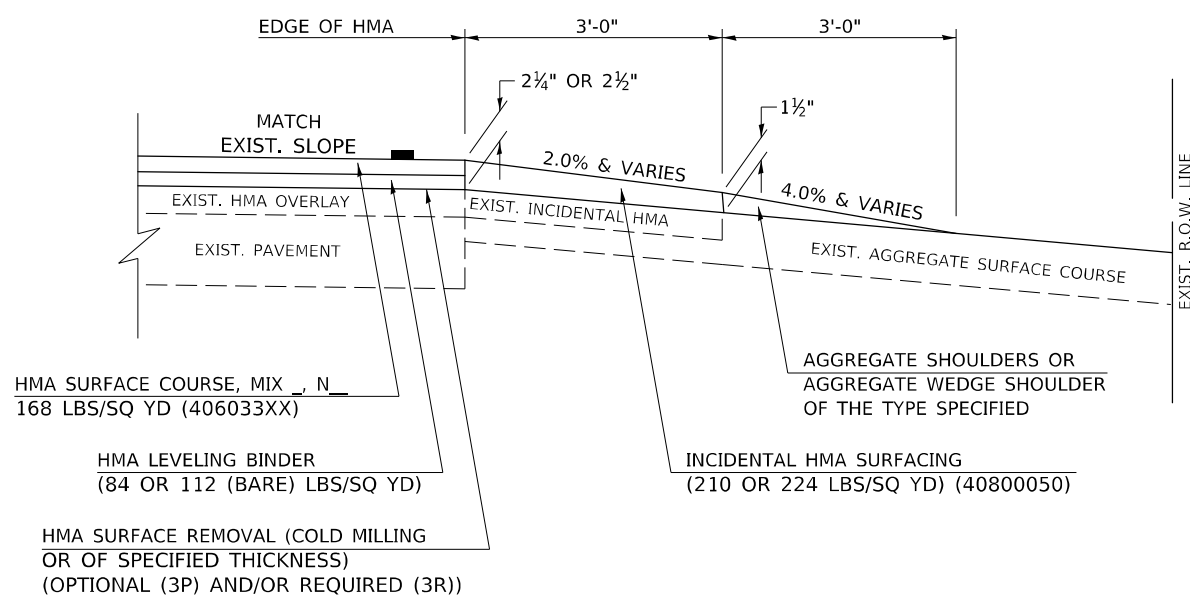
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	32
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION
 ("3R" WITHOUT RECONSTRUCTION, 3P, SMART AND CM)

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

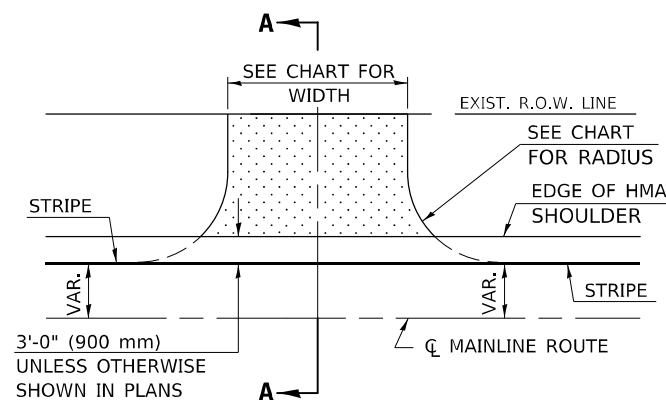


"3P" OR "3R" IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



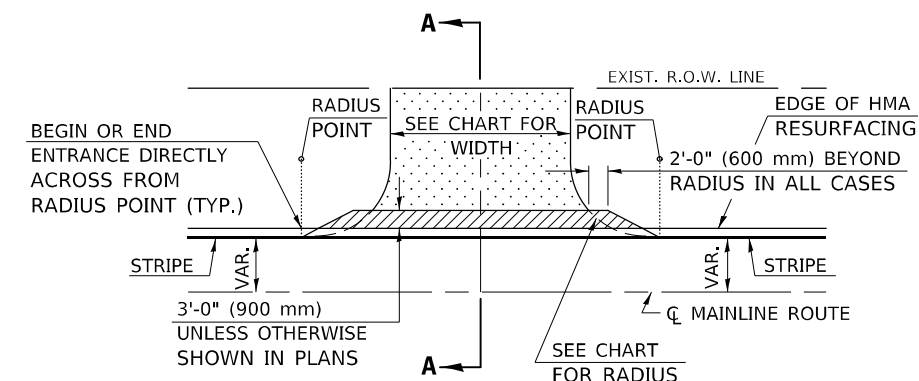
PROJECTS WITH RECONSTRUCTION
 ("3R" IMPROVEMENTS AND SMART/3P "SPOT" LOCATIONS)

ADJACENT TO PROPOSED HMA SHOULDERS
 (AGGREGATE OR EARTH ENTRANCE)

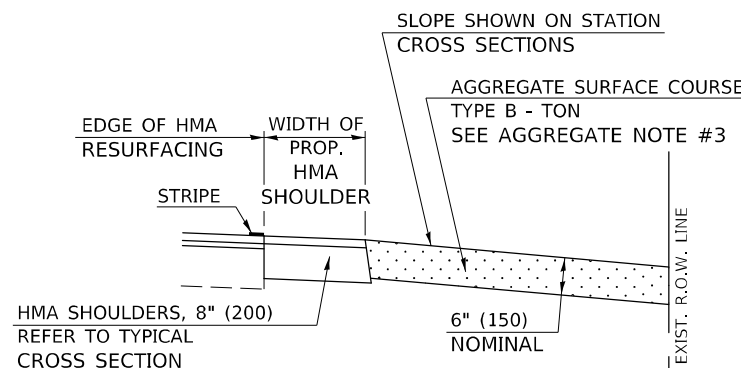


TYPICAL APPLICATION

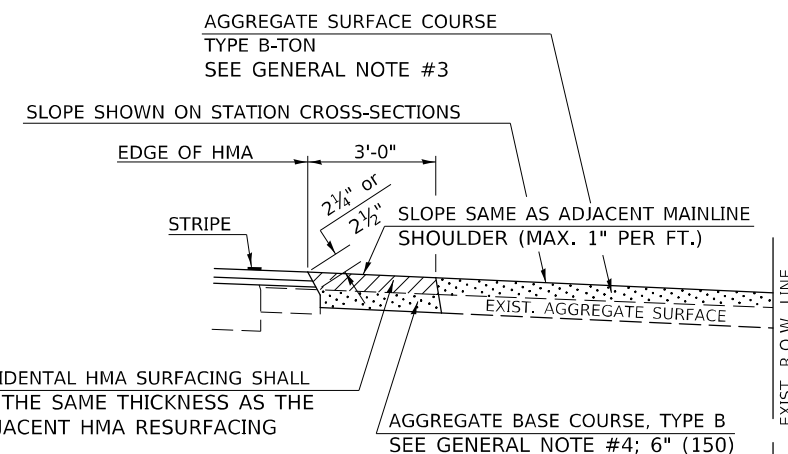
EXISTING AGGREGATE OR EARTH ENTRANCE



TYPICAL APPLICATION



SECTION A-A



SECTION A-A

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

DISTRICT 5 DETAIL NO. 4080050A

USER NAME = Braclay,Fernam	DESIGNED -	REVISED - 9/2007 KAG
	DRAWN -	REVISED - 4/2008 KJT
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 3/2017 SWN
PLOT DATE = 12/8/2022	DATE -	REVISED - 8/2022 JWS

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

FIELD ENTRANCES (NONCOMMERCIAL RURAL)

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	33
CONTRACT NO. 70E85			ILLINOIS FED. AID PROJECT	

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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. 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".
7. 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 MEMORANDUM 104/01 DISCUSS THIS PROCEDURE.

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		
	PRIVATE & FIELD			FIELD W/FARM IMPLEMENTS			COMMERCIAL			PRIVATE & FIELD			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						
						14	16	24							
						2 LANE, 2 WAY			2 LANE, 2 WAY						
						24	30	35	resurface existing configuration; existing aggregate or earth entrances shall have the continuation of aggregate shoulders placed behind them						
RADIUS (FT)	15	25	40	30		20	30	50							
SHOULDER WIDTH (FT)	2	2		2		1	3								
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)	1:4	1:6	1:10	1:4	1:6	1:4	1:6	1:10							
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							

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

DISTRICT 5 DETAIL NO. 4080050A

MODEL: \\MODEL\MAME FILE NAME: p:\pub\cpx\bea\p\p\DOT Documents\DOT Office\District 5\Project\0570E85\CADD\data\CAD\Sheet\0570E85-sh-01.dwg 5 Detail

USER NAME = Braclay,Fernam	DESIGNED -	REVISED - 9/2007 KAG
	DRAWN -	REVISED - 4/2008 KJT
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - 3/2017 SWN
PLOT DATE = 12/8/2022	DATE -	REVISED - 8/2022 JWS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

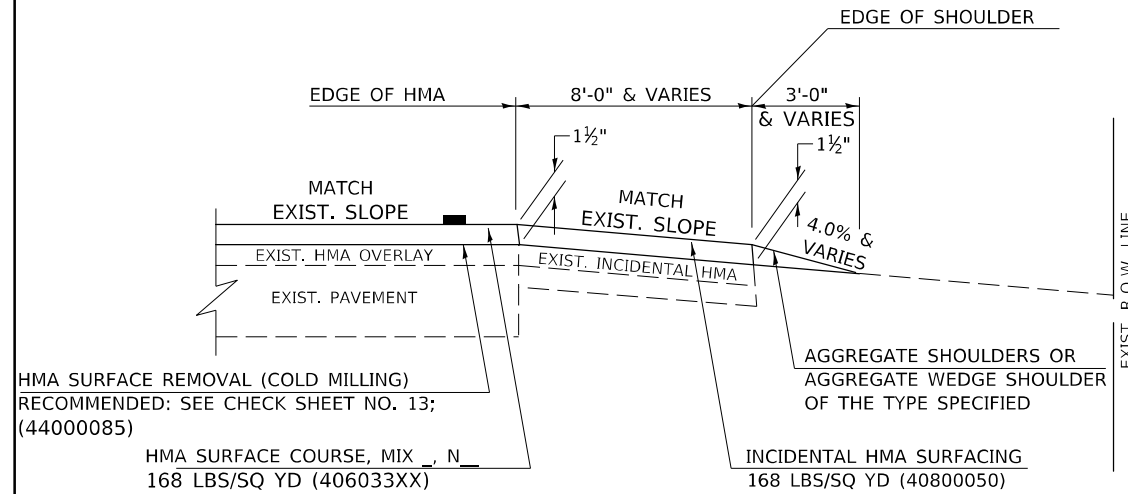
FIELD ENTRANCES (NONCOMMERCIAL RURAL)

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

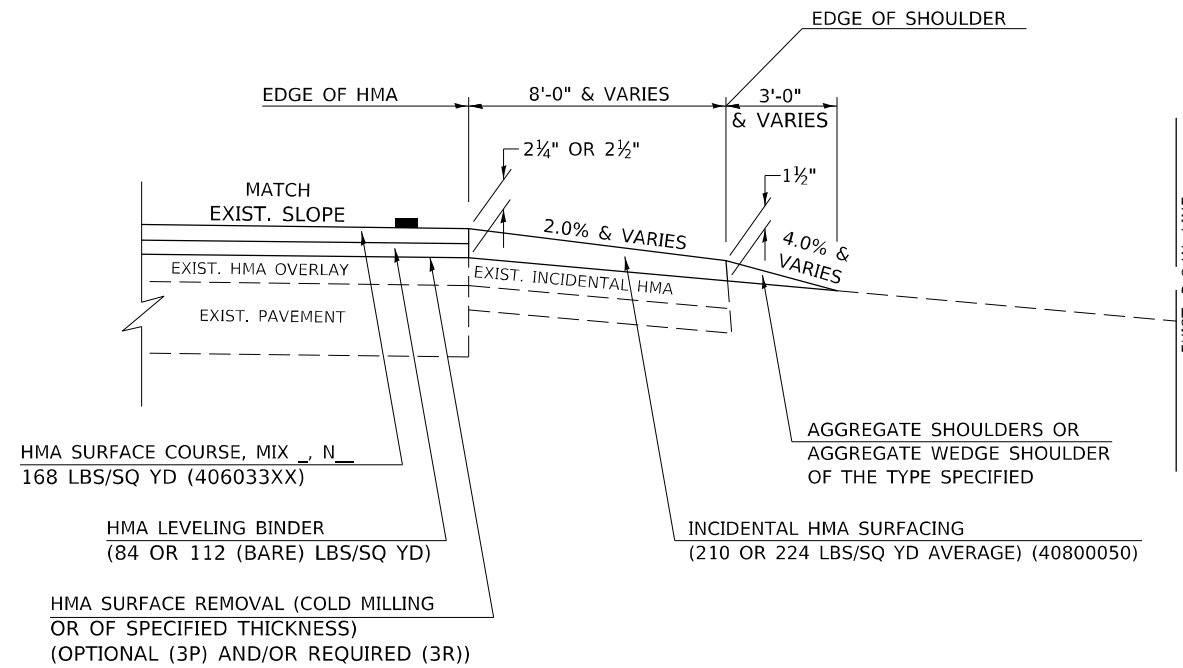
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	34
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

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



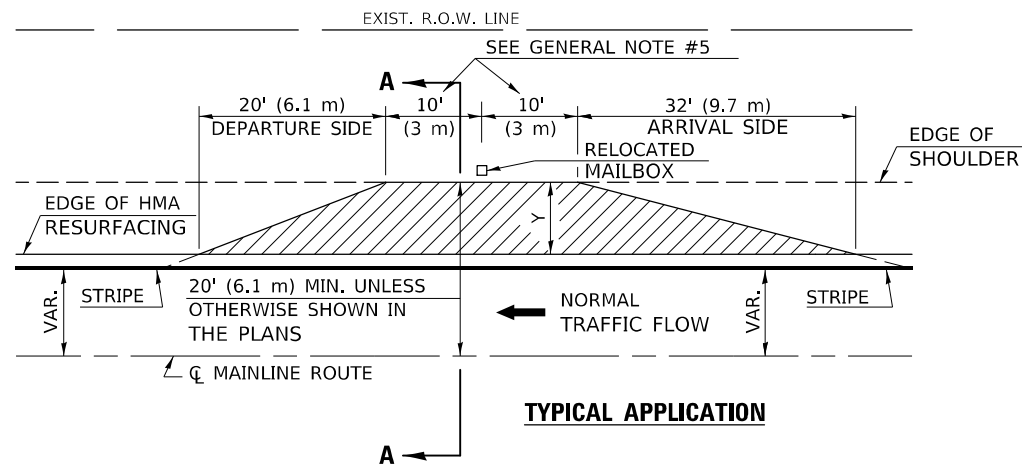
"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



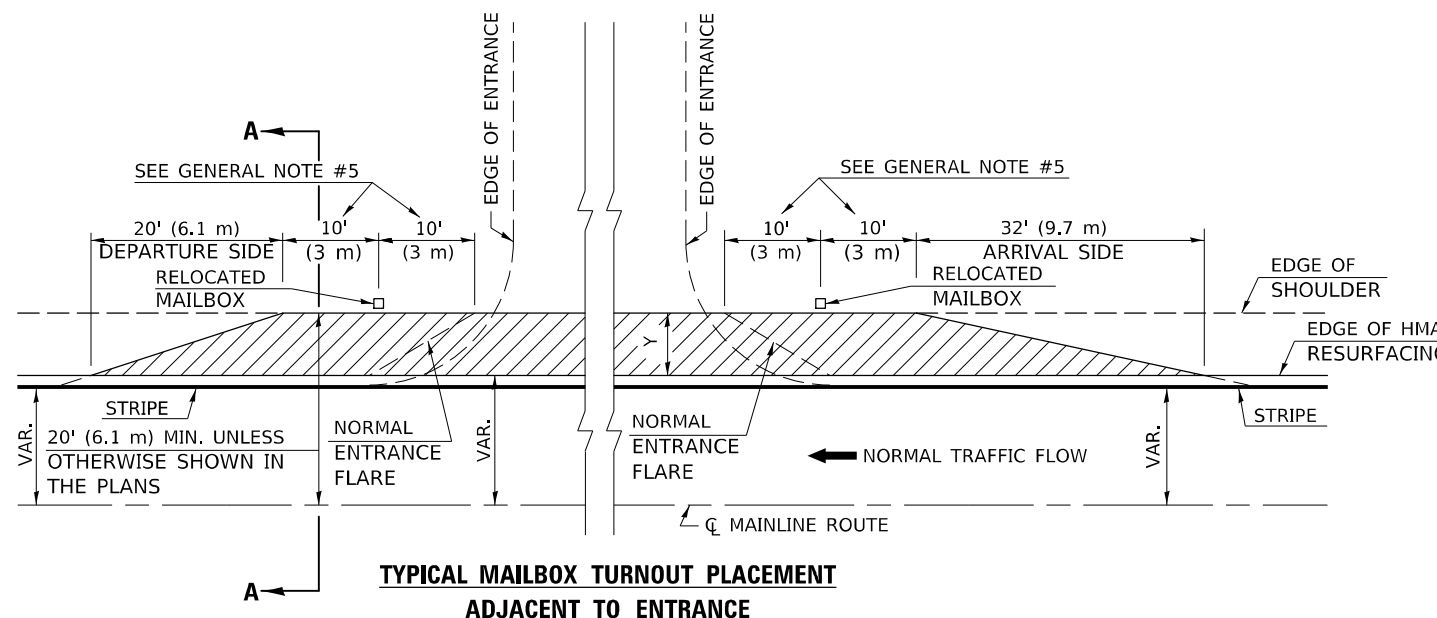
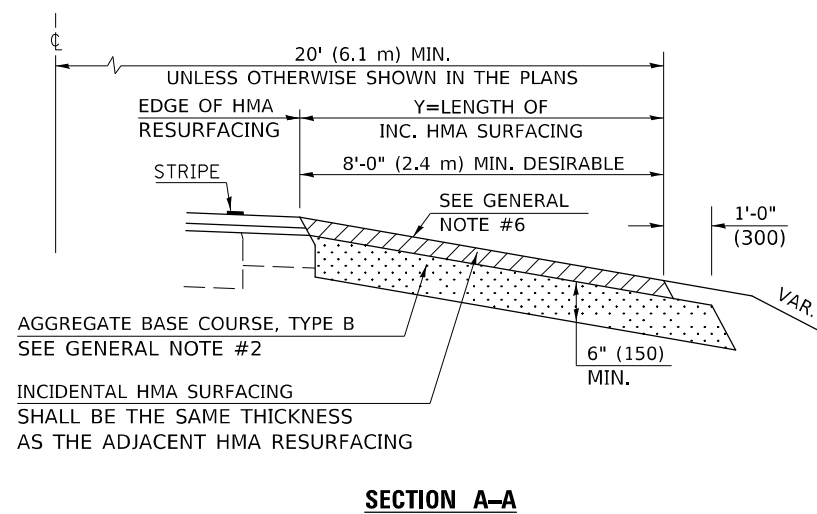
GENERAL NOTES

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 = Braclley,Fernnam	DESIGNED -	REVISED - 12/2006 TJB
	DRAWN -	REVISED - 9/2007 KAG
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 8/2022 JWS
PLOT DATE = 12/8/2022	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUT (RURAL)

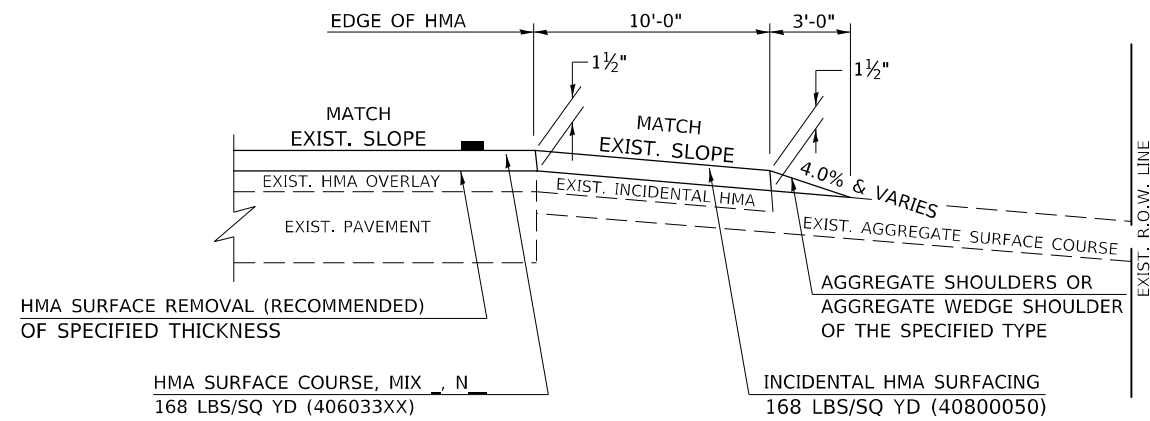
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	35
CONTRACT NO. 70E85			ILLINOIS FED. AID PROJECT	

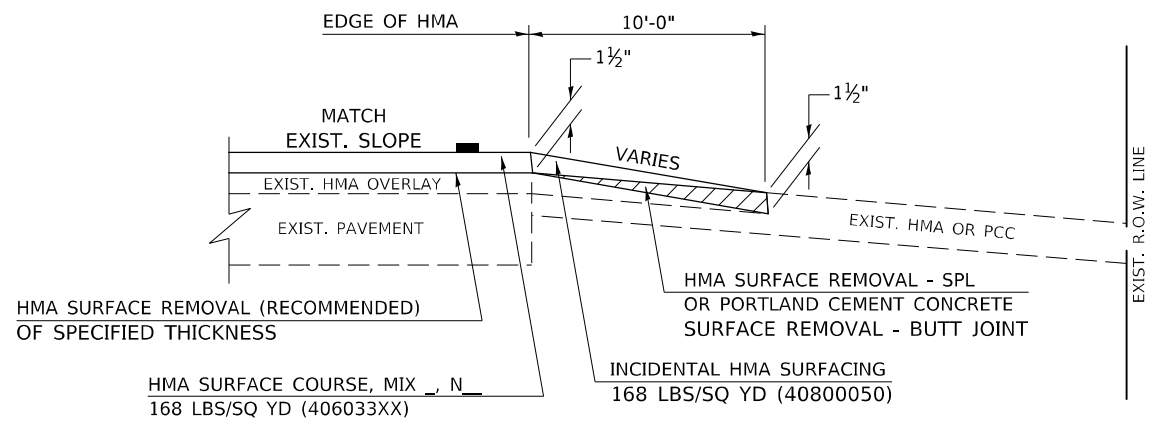
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PROJECTS WITHOUT RECONSTRUCTION

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

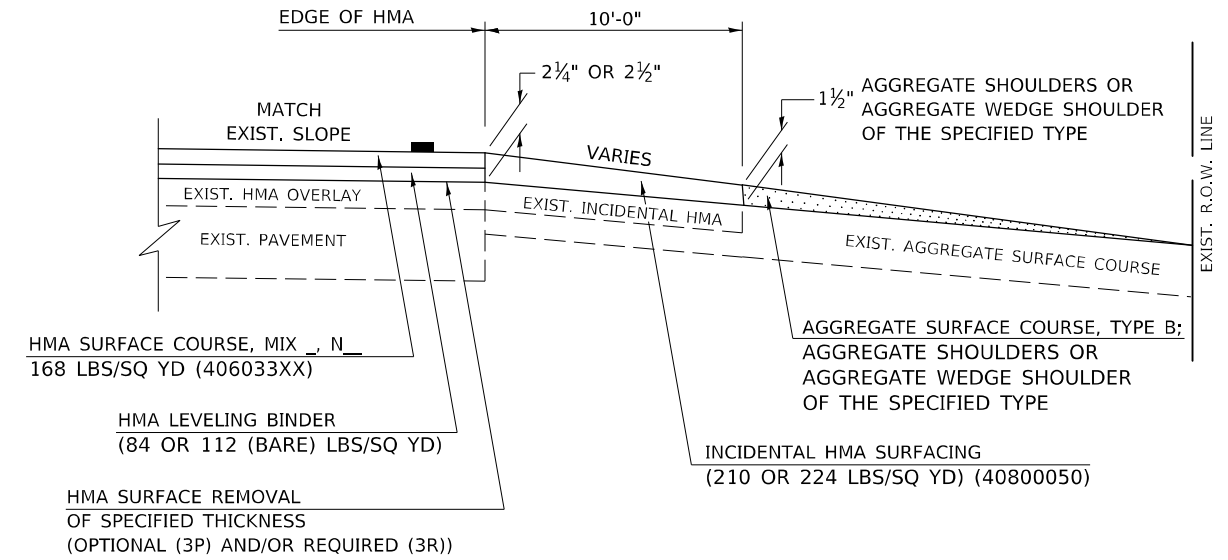


EXISTING AGGREGATE ENTRANCE

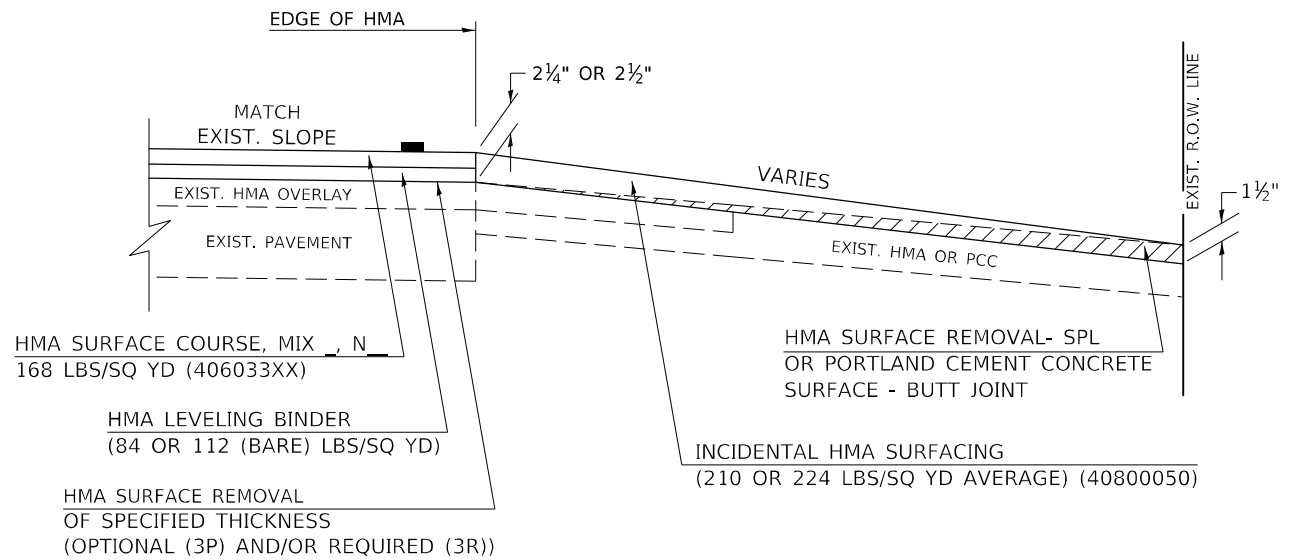


EXISTING HMA OR PCC ENTRANCE

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



EXISTING AGGREGATE ENTRANCE



EXISTING HMA OR PCC ENTRANCE

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

DISTRICT 5 DETAIL NO. 40800050C

USER NAME = Braclay,Fernam	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 12/8/2022	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.

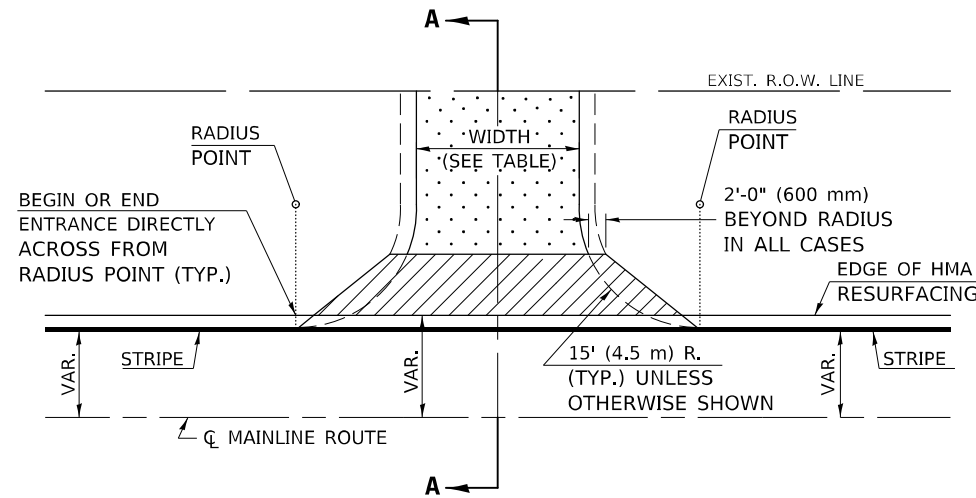
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1517	(10,11)RS-3	DE WITT	44	36
CONTRACT NO. 70E85				
ILLINOIS FED. AID PROJECT				

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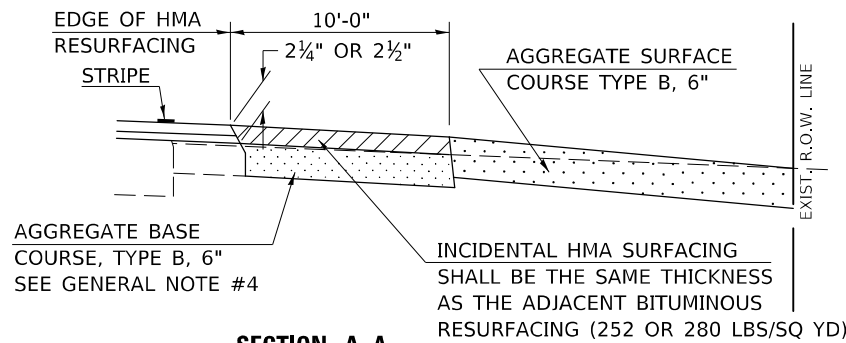
PROJECTS WITH RECONSTRUCTION

AGGREGATE ENTRANCE

(3R IMPROVEMENTS)

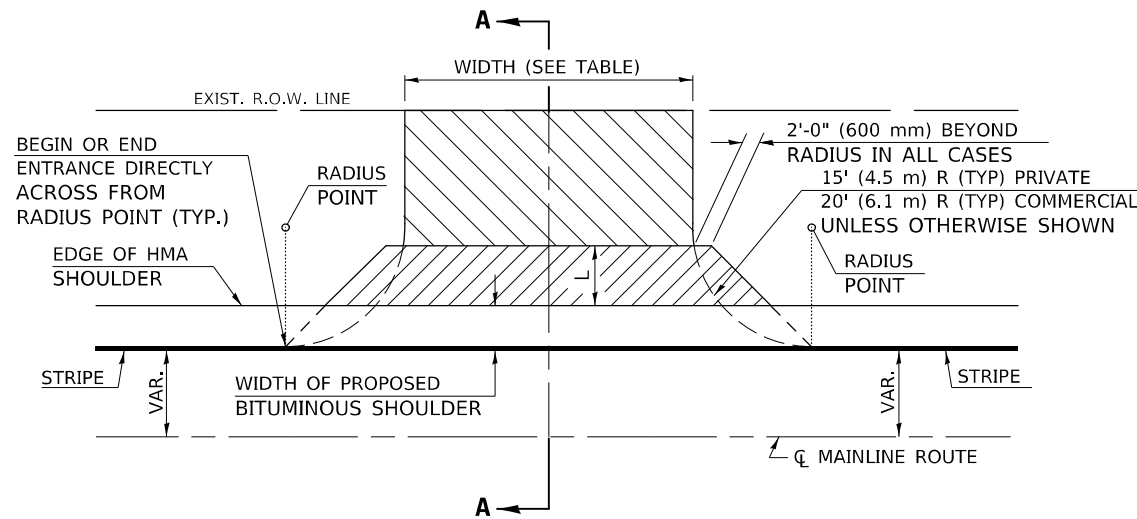


TYPICAL APPLICATION

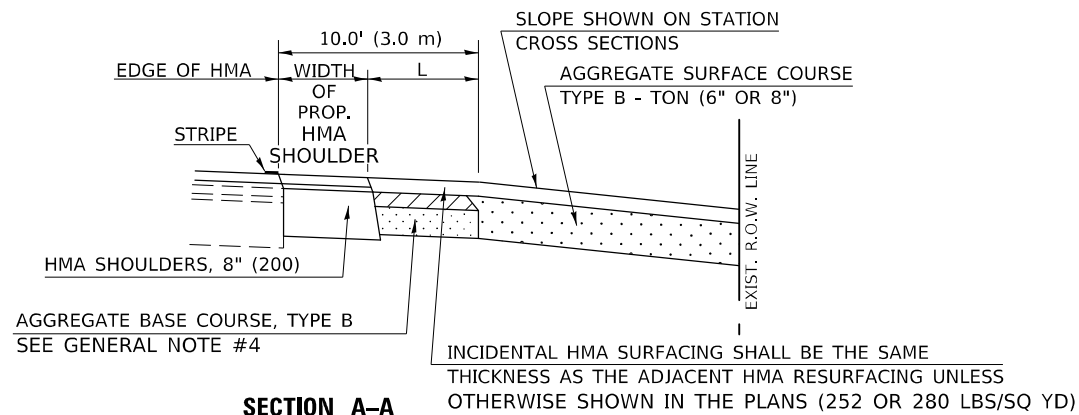


SECTION A-A

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. 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

USER NAME = Braclley,Fernam	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 12/8/2022	DATE -	REVISED - 3/6/17 SWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

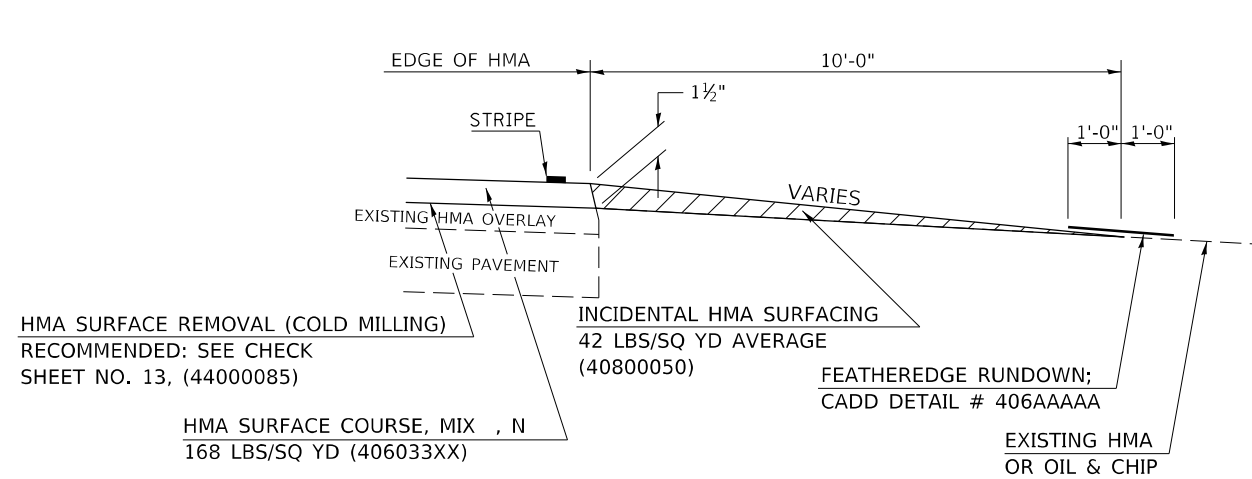
PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)

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

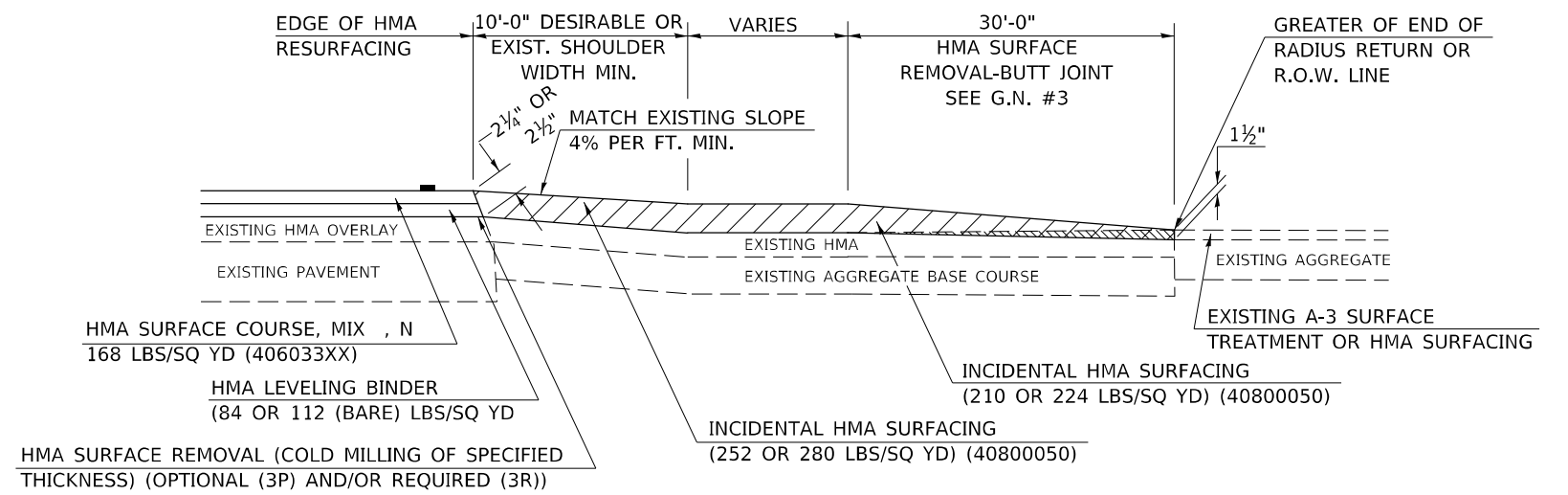
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	37
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

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

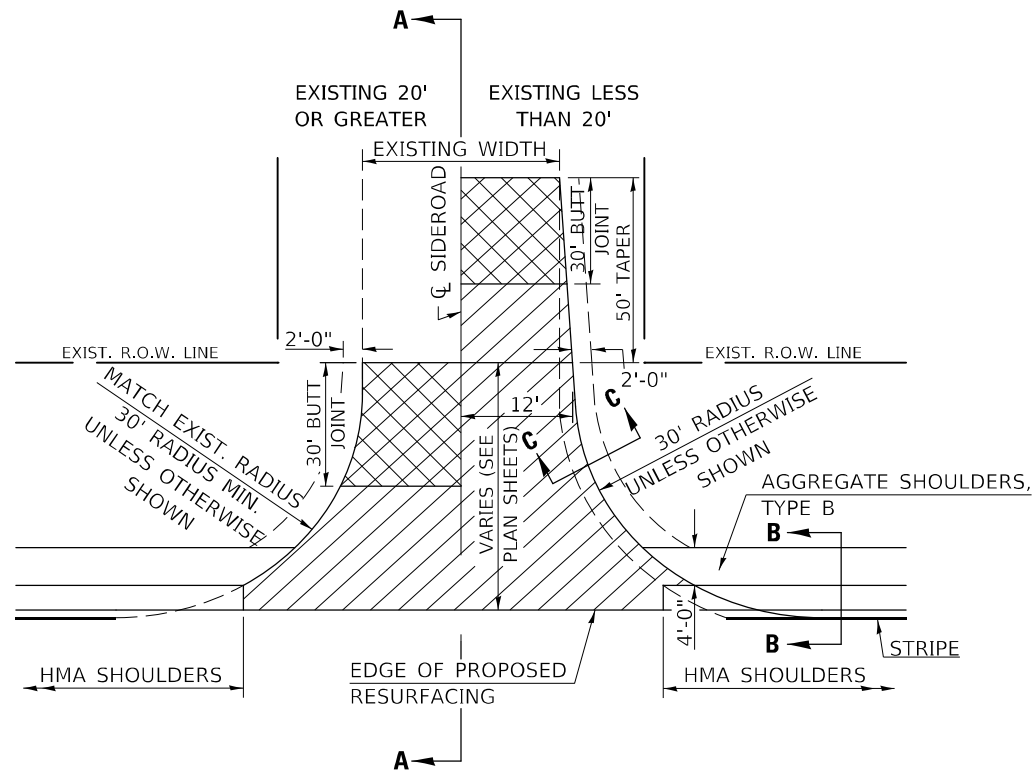


"3P" OR "3R" IMPROVEMENTS

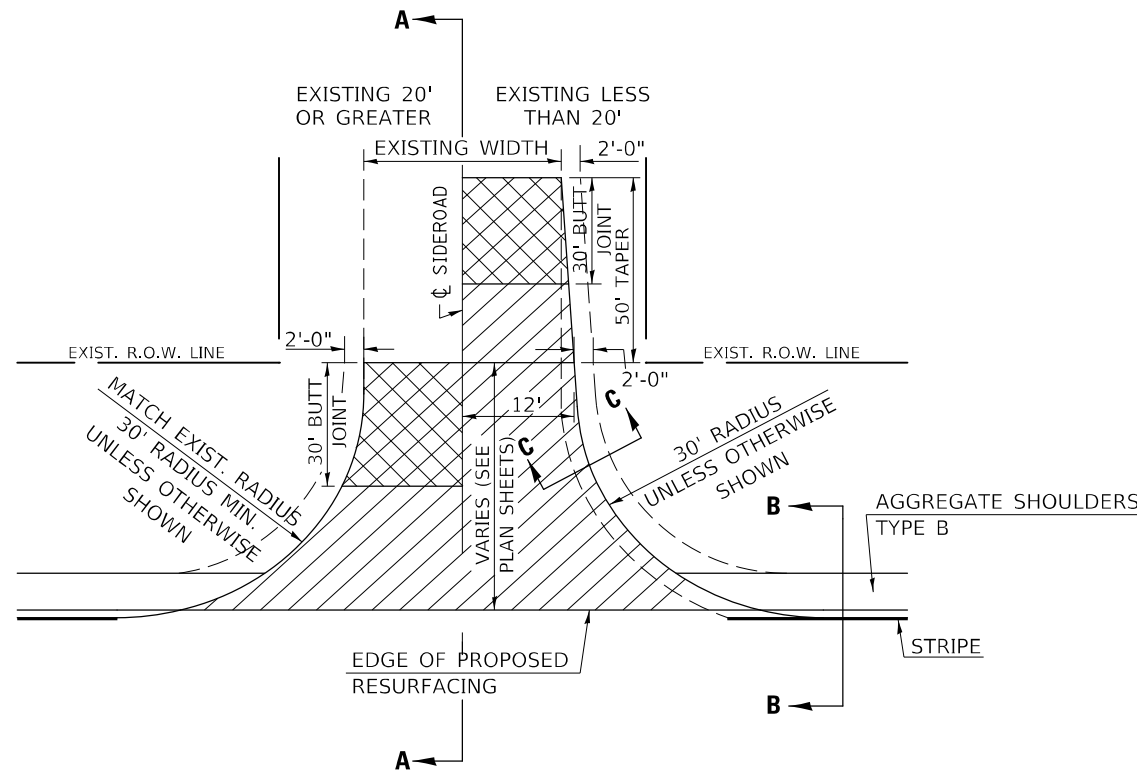


PROJECTS WITH RECONSTRUCTION

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

USER NAME = Braclley,Fernam	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISD - 12/09 KJT
PLOT DATE = 12/8/2022	DATE -	REVISD -

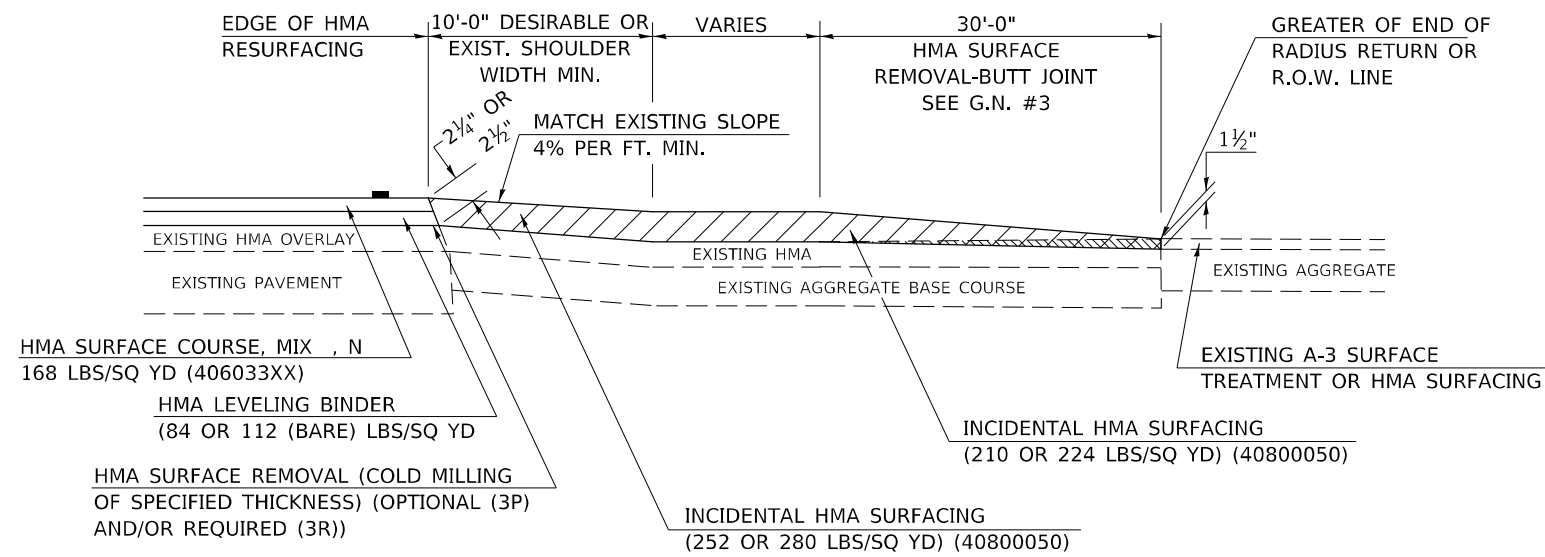
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD & SIDESTREETS (RURAL)

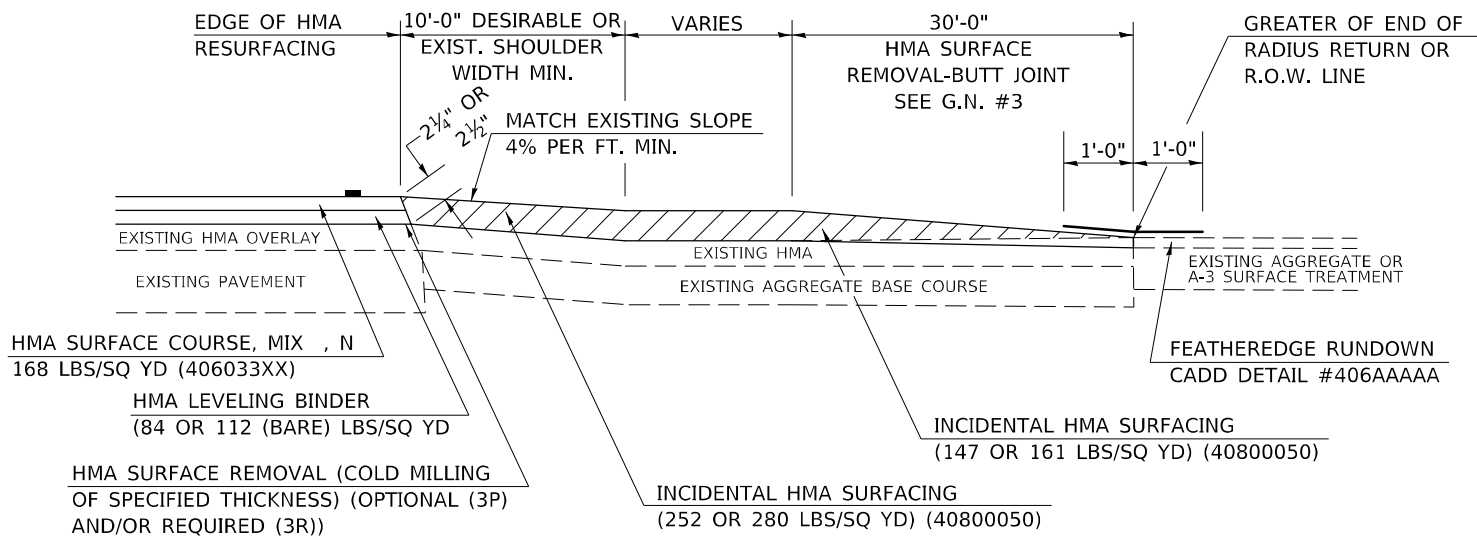
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10.11)RS-3	DE WITT	44	38
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

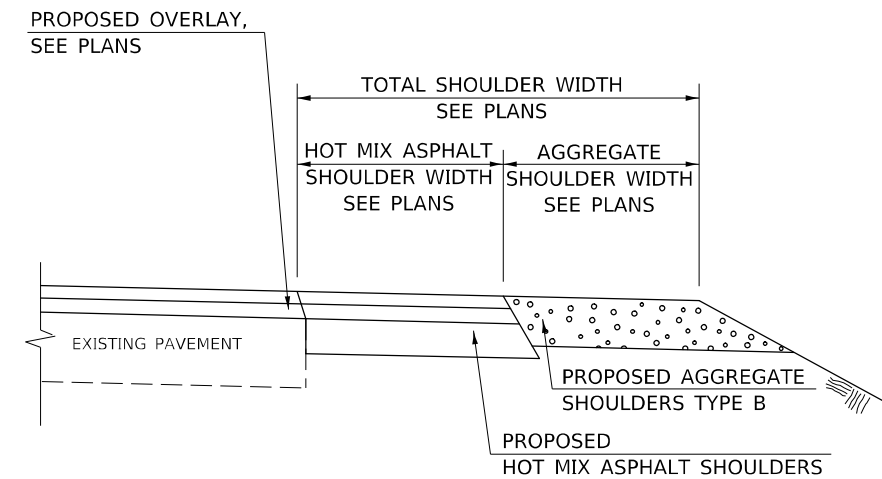
**SECTION A-A
EXISTING HMA OR PCC SIDEROAD (> 400 ADT)**



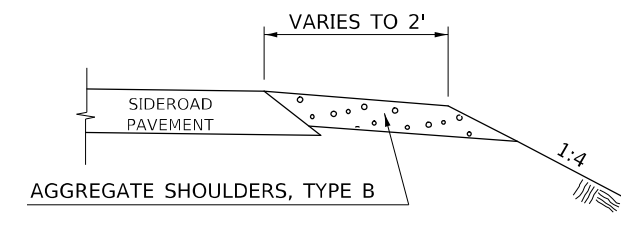
**SECTION A-A
EXISTING AGGREGATE OR SEAL COAT SIDEROAD (< 400 ADT)**



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 Engineer	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									
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

USER NAME = Braclley,Fernam	DESIGNED -	REVISD - 12/06 TJB
	DRAWN -	REVISD - 09/07 KAG
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISD - 12/09 KJT
PLOT DATE = 12/8/2022	DATE -	REVISD -

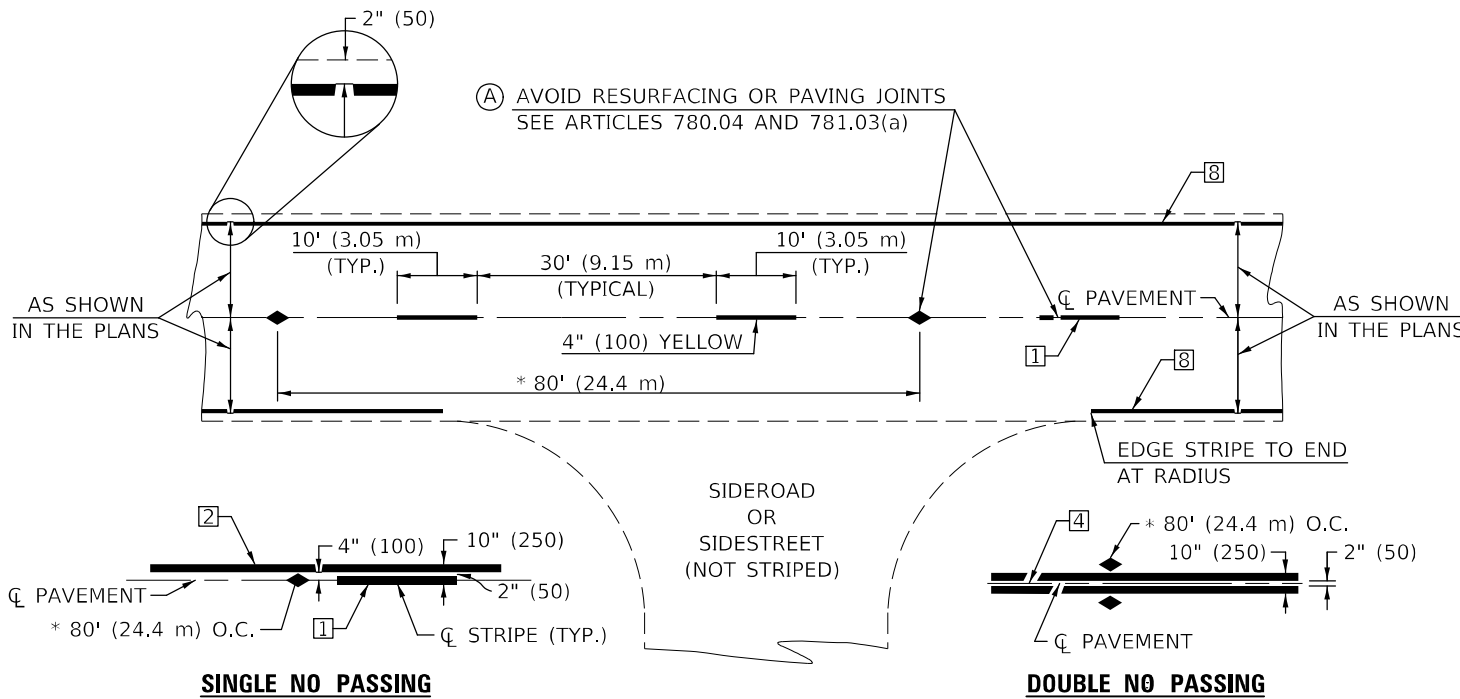
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEROAD & SIDESTREETS (RURAL)

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	39
CONTRACT NO. 70E85			ILLINOIS FED. AID PROJECT	

MODEL: I:\MODEL\NAME FILE: NAME: PROJECT: DISTRICT: 5 DISTRICT 5 DETAIL



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

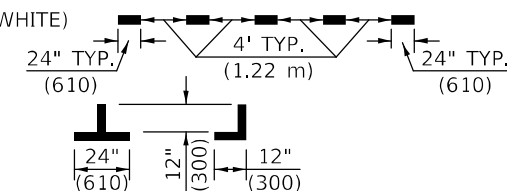
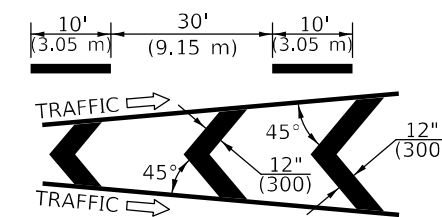
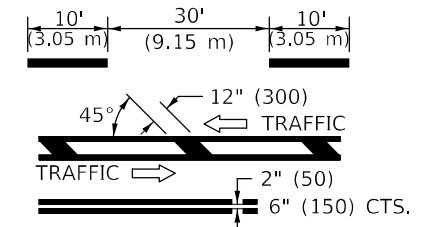
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

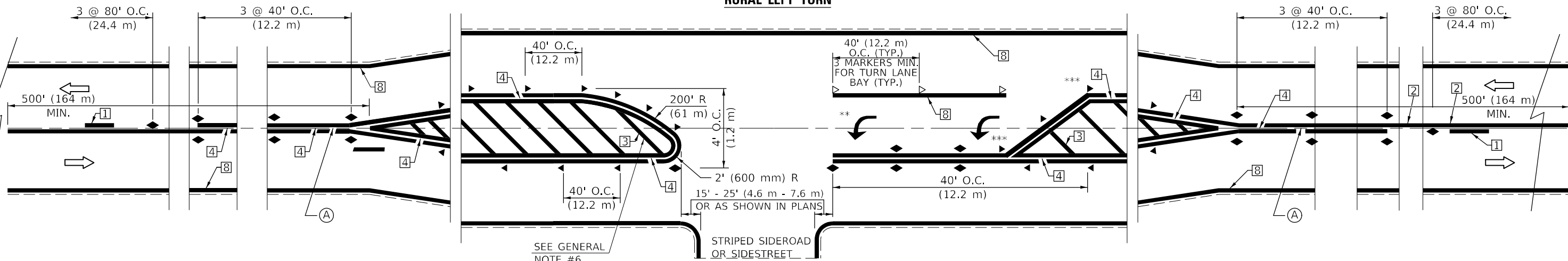
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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

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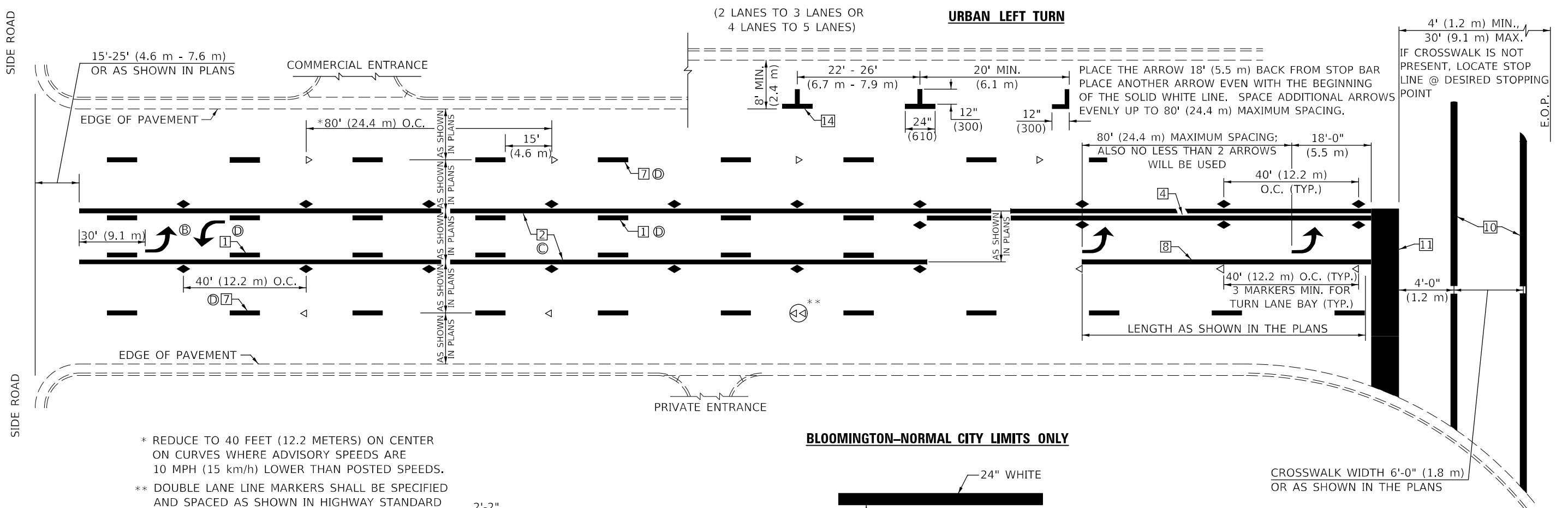
USER NAME = Braclay,Farnham	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 12/8/2022	DATE -	REVISED - 9/2022 JWS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	40
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

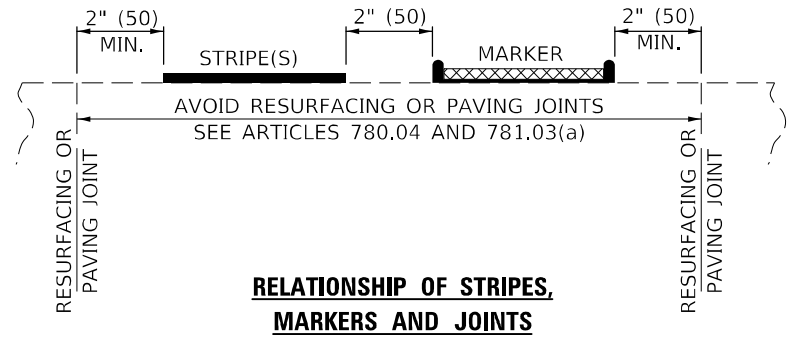
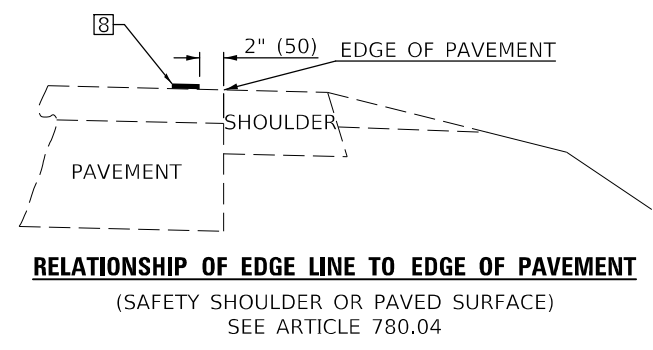
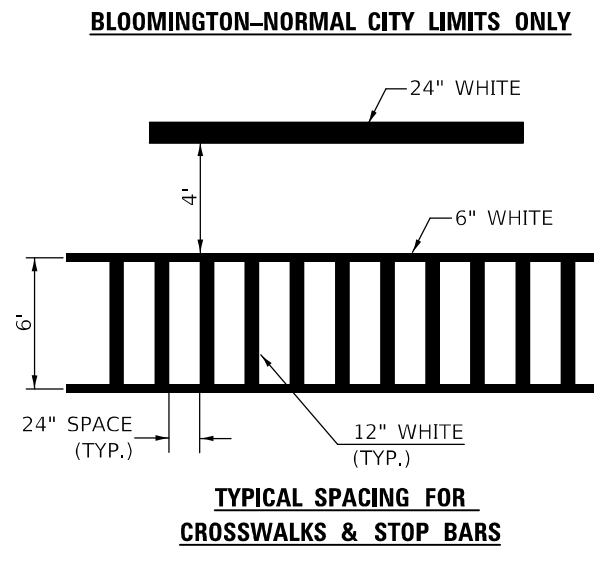
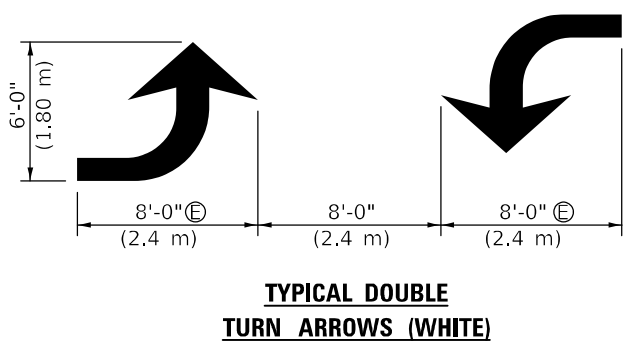
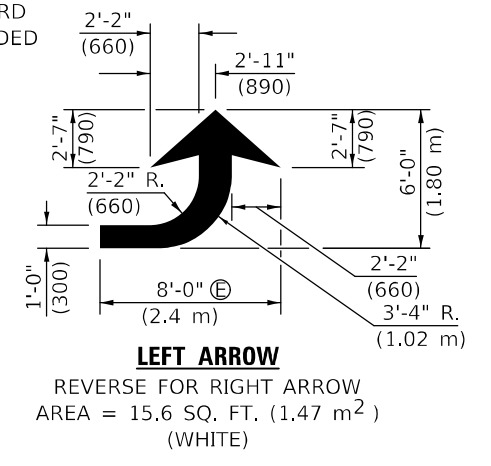


* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** 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: I:\MODEL\NAME: FILE: NAME: PROJECT: DISTRICT: 5: DETAILS

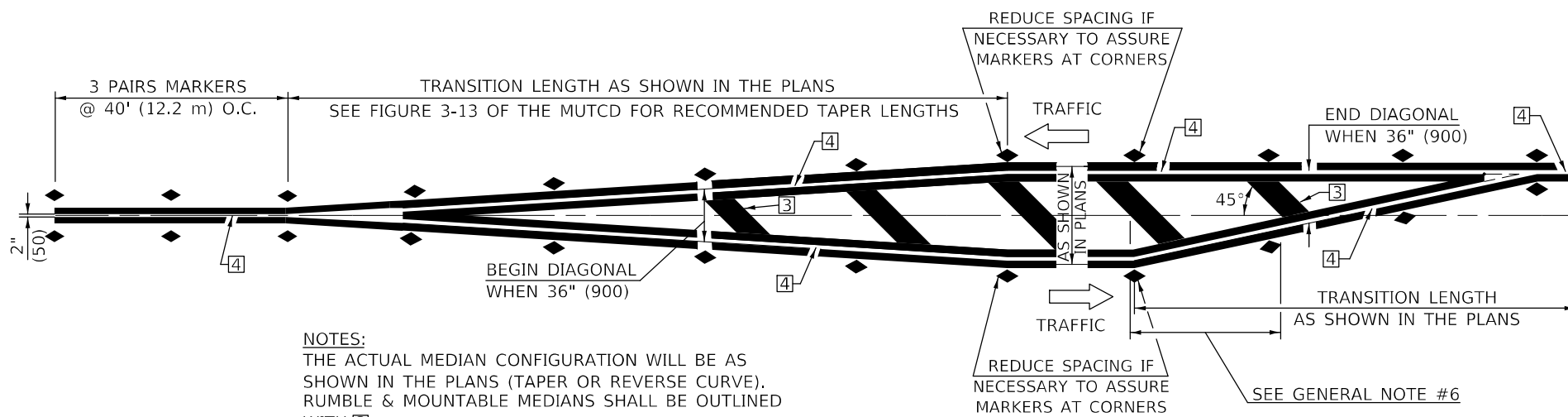
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	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 12/8/2022	DATE -	REVISED - 9/2022 JWS

**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.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	41
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				

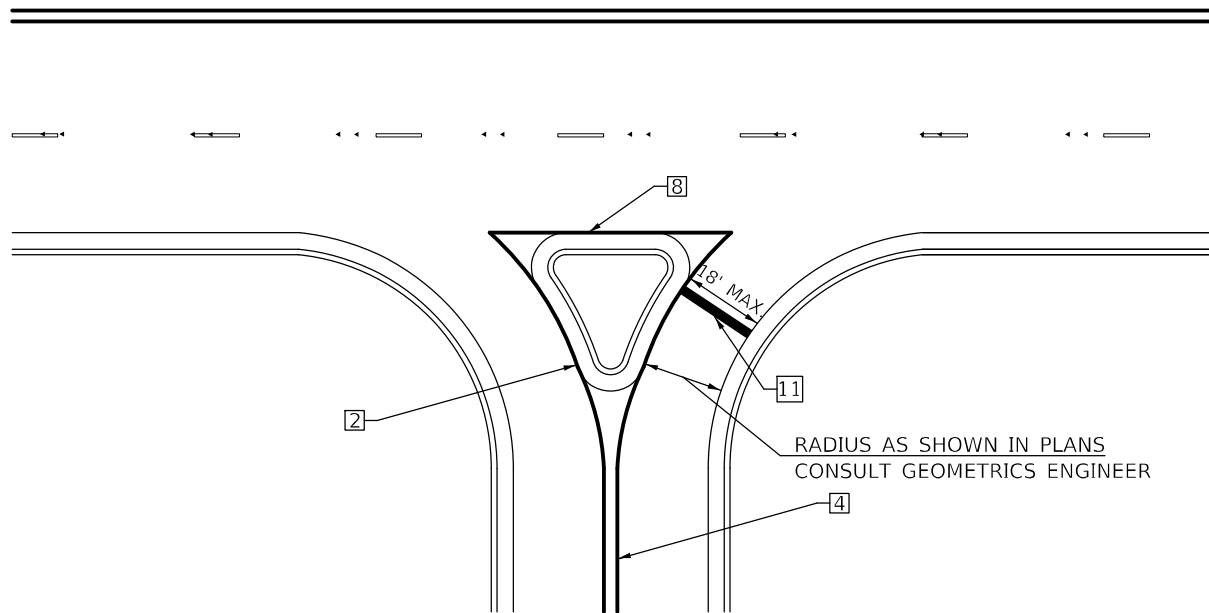


NOTES:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

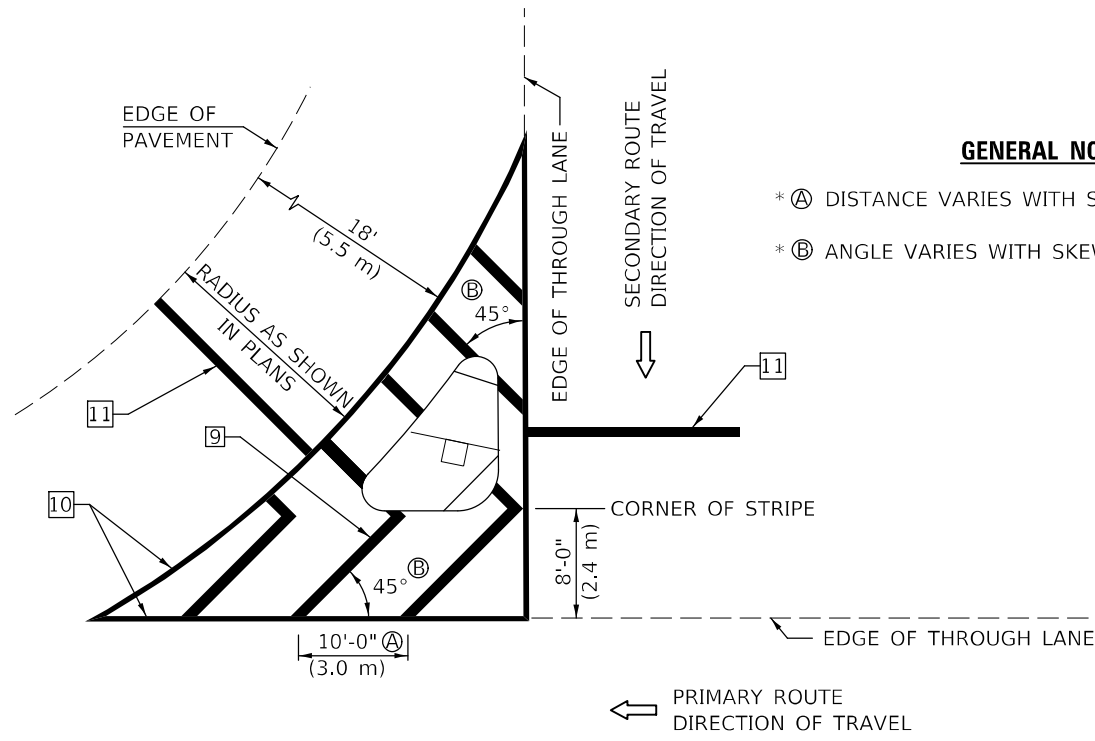
TYPICAL MEDIAN TRANSITIONS

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

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

* FOR RIGHT TURN LANE AND ISLAND STRIPING CONSULT GEOMETRICS ENGINEER.

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

MODEL: \\MODEL\MAR\F... FILE: MAR\F... \Project\10570885\CADD\data\CD\Sheet\10570885-11-District 5 Detail

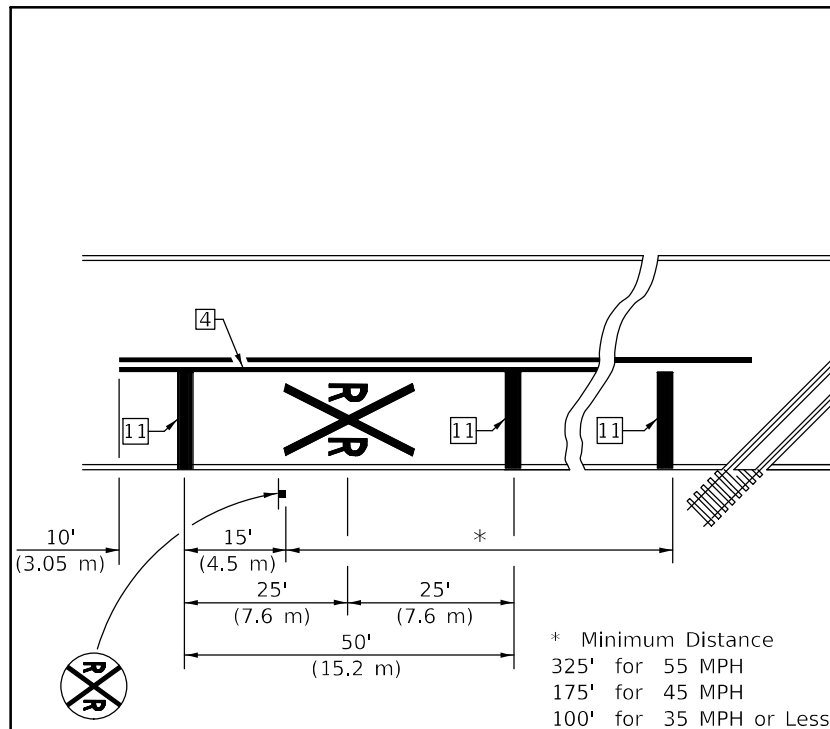
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	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 12/8/2022	DATE -	REVISED - 9/2022 JWS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

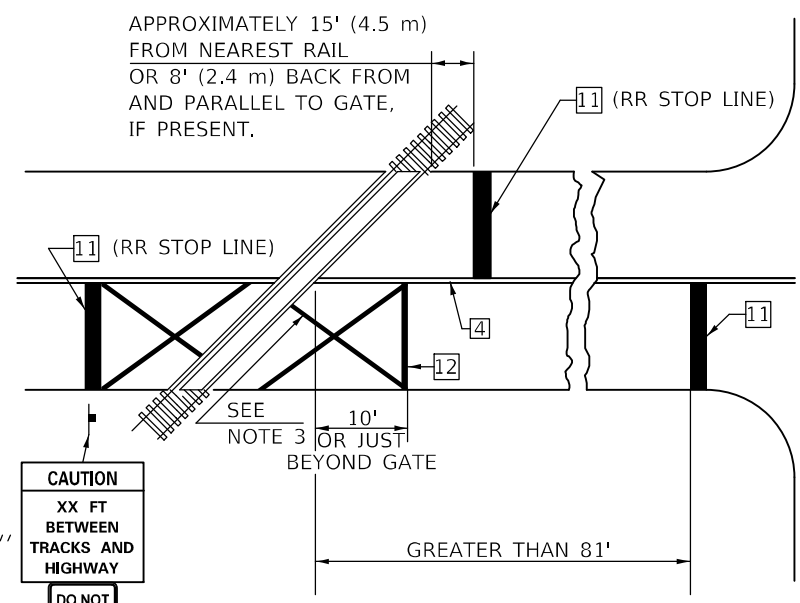
DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	42
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

APPROXIMATELY 15' (4.5 m) FROM NEAREST RAIL OR 8' (2.4 m) BACK FROM AND PARALLEL TO GATE, IF PRESENT.

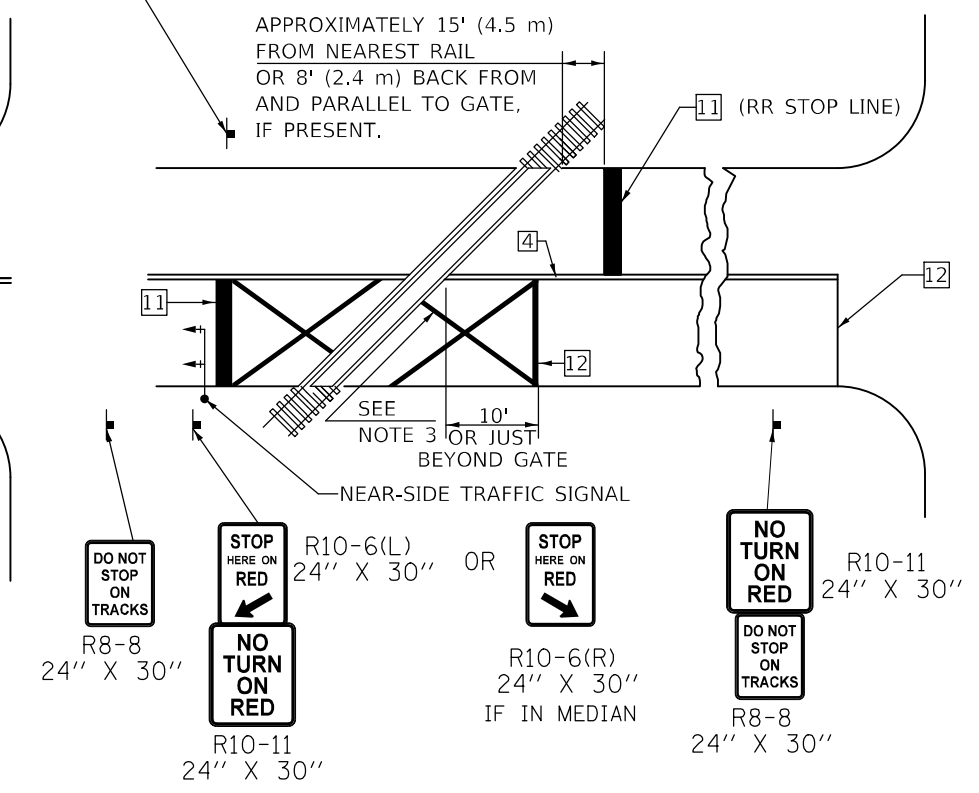
RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-I100
30'' X 36''
R8-8
24'' X 30''

ONLY IF SIGNAL HEAD CANNOT BE LOCATED IN MEDIAN

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



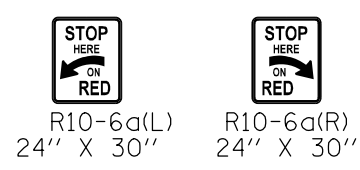
R8-8
24'' X 30''
R10-11
24'' X 30''
R10-6(L)
24'' X 30'' OR
R10-6(R)
24'' X 30''
IF IN MEDIAN
R10-11
24'' X 30''
R8-8
24'' X 30''

GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
4. 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.
5. 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.

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.

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

DISTRICT 5 DETAIL NO. 7800AAAA

MODEL: I:\MODEL\MARKS... FILE NAME: ...

USER NAME = Braclley,Fernam	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 12/8/2022	DATE -	REVISED - 9/2022 JWS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

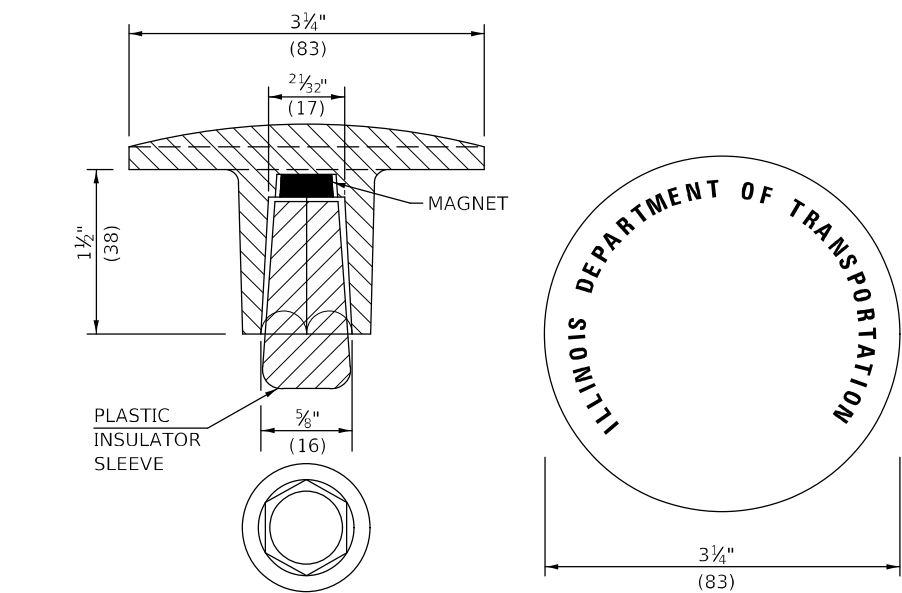
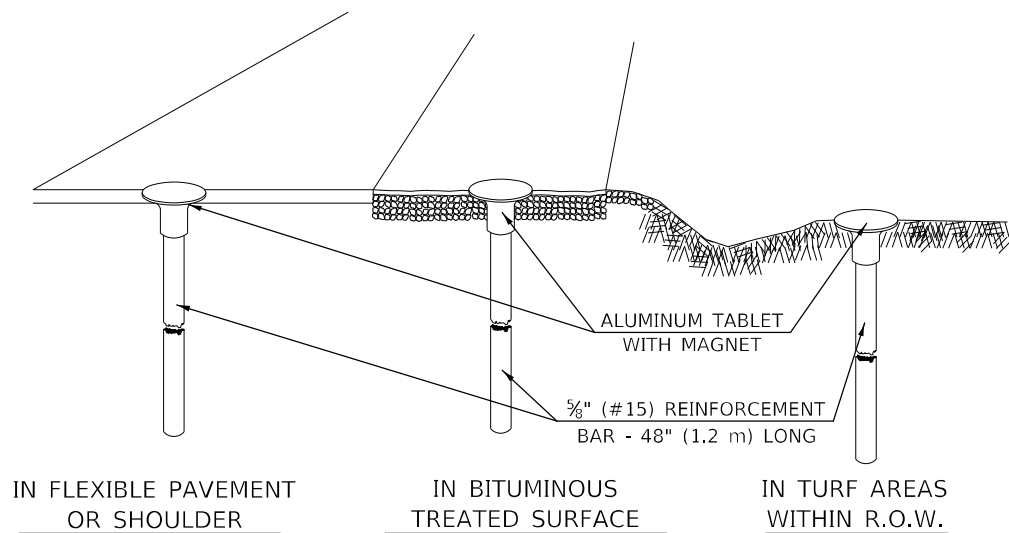
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	43
CONTRACT NO. 70E85				
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).

SPECIFICATIONS FOR ALUMINUM TABLET

SURVEY CAP FOR REBAR. 3 3/4" (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.

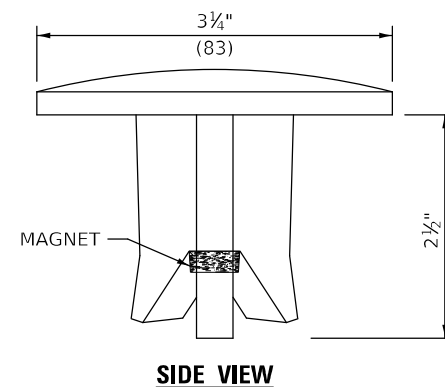
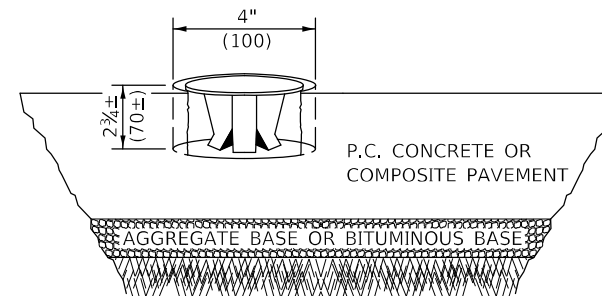
SPECIFICATIONS FOR REBAR

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.

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.

MODEL: 44001.MX18; FILE NAME: p:\pub\cadd\paw\hwy\com\p\11001\Documents\11001_District5\Detail\XZ193300\XZ193300.dwg; PROJECT: 11001; DISTRICT: 5; SHEET: 44

USER NAME = Braclay,Fernam	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 11/10
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/8/2022	DATE -	REVISED -

**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.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1517	(10,11)RS-3	DE WITT	44	44
			CONTRACT NO. 70E85	
ILLINOIS FED. AID PROJECT				