

FOR INDEX OF SHEETS, SEE SHEET NO. 2
 FOR SUMMARY OF QUANTITIES, SEE SHEETS NO. 3 TO 4

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

04-23-2021 LETTING ITEM 125

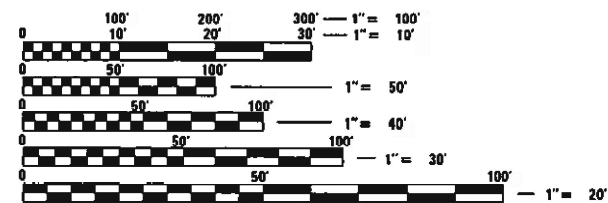
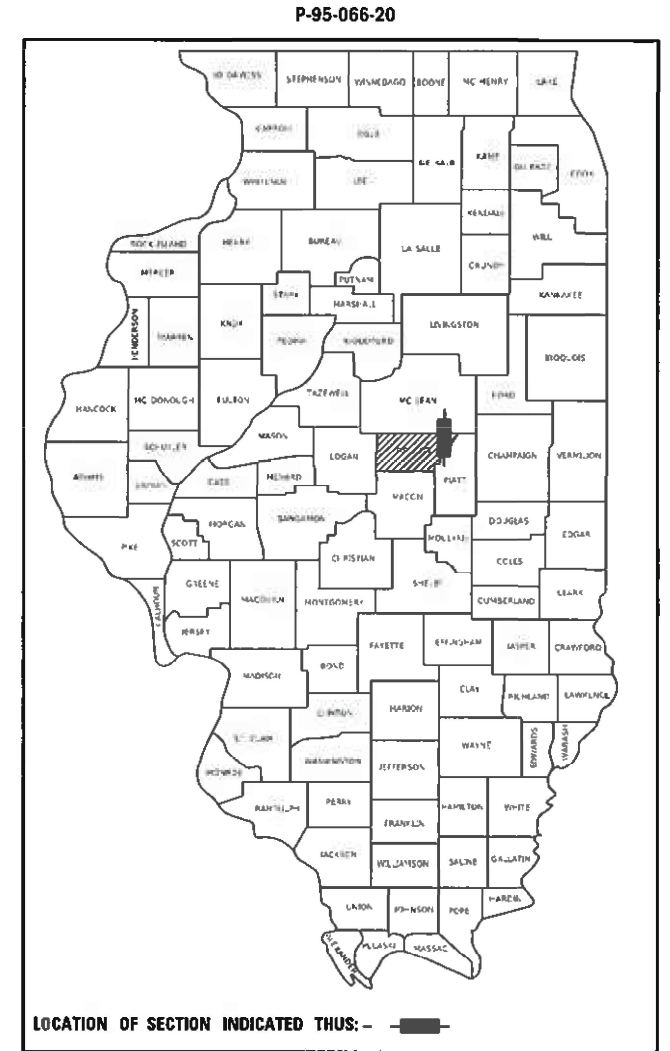
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DEWITT	47	1
		ILLINOIS	CONTRACT NO. 70E83	

PROPOSED HIGHWAY PLANS

ROUTE FAP 760 (ILL 48)
 SECTION 124RS-7
 PROJECT STP-1SB2(085)
 SMART OVERLAY
 DEWITT COUNTY

C-95-092-20
 ILL 54 TO ILL 10 N OF WELDON

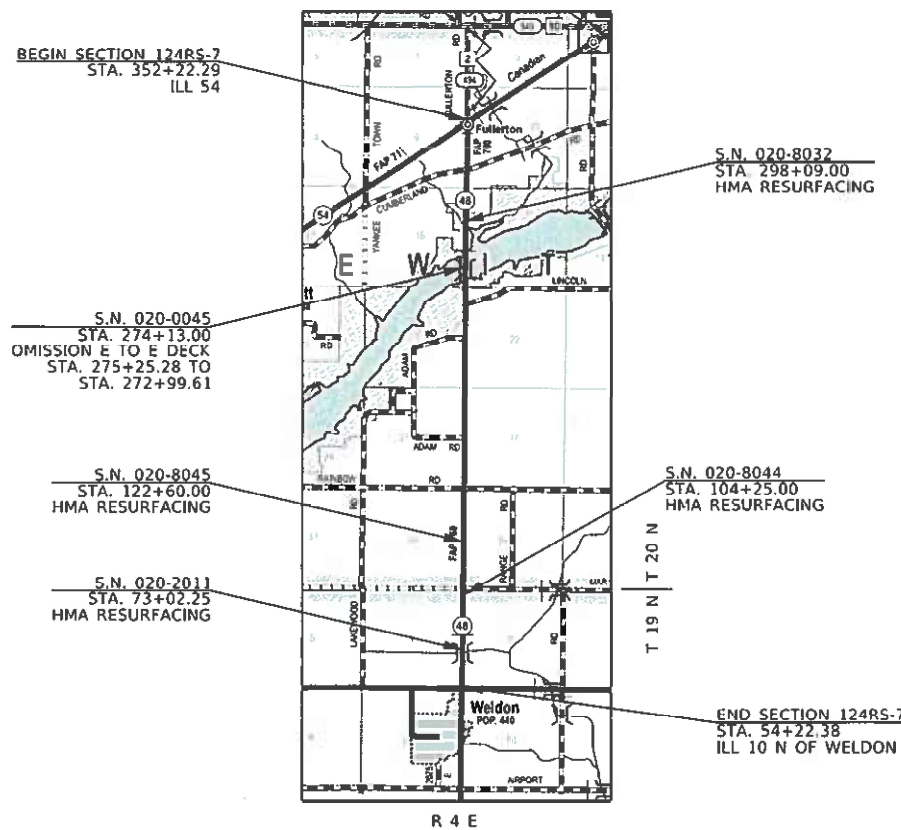
TRAFFIC DATA	
2020 ADT	= 1,000
PV %	= 83.0%
SU %	= 3.0%
MU %	= 14.0%



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: JASON W. STULTS
 SQUAD LEADER: RYAN T. CARROLL
 DESIGNER: BRADLEY A. FARNHAM
 TYLER J. PIERSON
 PHONE: (217)-465-4181
 CONTRACT NO. 70E83



GROSS LENGTH = 29,799.91 FT. = 5.644 MILE
 NET LENGTH = 29,574.24 FT. = 5.601 MILE

FUNCTIONAL CLASSIFICATION:
 MINOR ARTERIAL

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED 1/20 2021
 Kensila A. Harriottson REGIONAL ENGINEER

March 19, 2021 [Signature] ENGINEER OF DESIGN AND ENVIRONMENT

March 19, 2021 [Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

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LIST OF STANDARDS

STANDARD NO.	DESCRIPTION
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
630101-10	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-17	TRAFFIC BARRIER TERMINAL, TYPE 6
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
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
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
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
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. -406H

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

Location	IL 48	IL 48	IL 48
Mixture Use	Surface	Incidental	Class D Patch
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(Gratiation)	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	OCP	QC/QA	QC/QA
Sublot Size	1000	N.A	N.A.

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.

AN EMPTY MTD WITH A MAXIMUM GROSS WEIGHT RESTRICTION OF 40 TONS IS ALLOWED OVER ALL STRUCTURES.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

MODEL: \\MODELNAME; FILE: \\NAME; PROJECT: \\PROJECTS\0570E83\CADD\DOT\Office\District 5\Projects\0570E83\CADD\DOT\Office\District 5\Projects\0570E83\std-index; List of Standards, General Notes.dgn

USER NAME = PiersonTJ	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in	DRAWN -	REVISED -
PLOT DATE = 1/20/2021	CHECKED -	REVISED -
	DATE -	REVISED -

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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	2
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 760 (ILL 48)
 MINOR ARTERIAL
 RURAL
 STA. 352+22.29
 TO
 STA. 54+22.38
 DEWITT
 FUNDING BREAKOUT: 80% FED / 20% STATE
 CONSTRUCTION TYPE CODE: 0005

LOCATION OF WORK: FAP 760 (ILL 48)
 MINOR ARTERIAL
 RURAL
 STA. 352+22.29
 TO
 STA. 54+22.38
 DEWITT
 FUNDING BREAKOUT: 80% FED / 20% STATE
 CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
20400800	FURNISHED EXCAVATION	CU YD	30.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	42,905.00
40600990	TEMPORARY RAMP	SQ YD	195.00
40604050	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "C", N50	TON	7,391.00
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	653.00
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	122.00
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	93,706.00
44201773	CLASS D PATCHES, TYPE I, 11 INCH	SQ YD	28.00
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	336.00
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	18.00
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	106.00
44201859	CLASS D PATCHES, TYPE I, 18 INCH	SQ YD	4.00
44201863	CLASS D PATCHES, TYPE II, 18 INCH	SQ YD	285.00
44201867	CLASS D PATCHES, TYPE III, 18 INCH	SQ YD	22.00

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,353.00
48203003	HOT-MIX ASPHALT SHOULDERS, 1 1/2"	SQ YD	6,249.00
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	3,700.00
* 63000007	STEEL PLATE BEAM GUARDRAIL, TYPE B, 6 FOOT POSTS	FOOT	100.00
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	50.00
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	25.00
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4.00
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	16.00
63200310	GUARDRAIL REMOVAL	FOOT	5,145.00
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	14,702.00
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6.00
67100100	MOBILIZATION	L SUM	1.00
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1.00
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.00

*= SPECIALTY ITEM

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	3
			CONTRACT NO. 70E83	
		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 760 (ILL 48)
 MINOR ARTERIAL
 RURAL
 STA. 352+22.29
 TO
 STA. 54+22.38
 DEWITT
 FUNDING BREAKOUT: 80% FED / 20% STATE
 CONSTRUCTION TYPE CODE: 0005

LOCATION OF WORK: FAP 760 (ILL 48)
 MINOR ARTERIAL
 RURAL
 STA. 352+22.29
 TO
 STA. 54+22.38
 DEWITT
 FUNDING BREAKOUT: 80% FED / 20% STATE
 CONSTRUCTION TYPE CODE: 0005

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,080.00
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2,008.00
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	70,965.00
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	75.00
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	45.00
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	16.00
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	169.00
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	75.00
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	45.00
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	70,796.00
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	390.00
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	65.00
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	390.00
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	5,161.00

*= SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SO YD	1,450.00
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1.00
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	169.00
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	75.00
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	45.00
* XZ193400	SURVEY MARKER, TYPE 2 (SPECIAL)	EACH	3.00
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.00
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	29,575.00
Z0055300	RUMBLE STRIP	EACH	3.00
* Z0070202	SURVEY MARKER VAULT	EACH	2.00

*= SPECIALTY ITEM

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

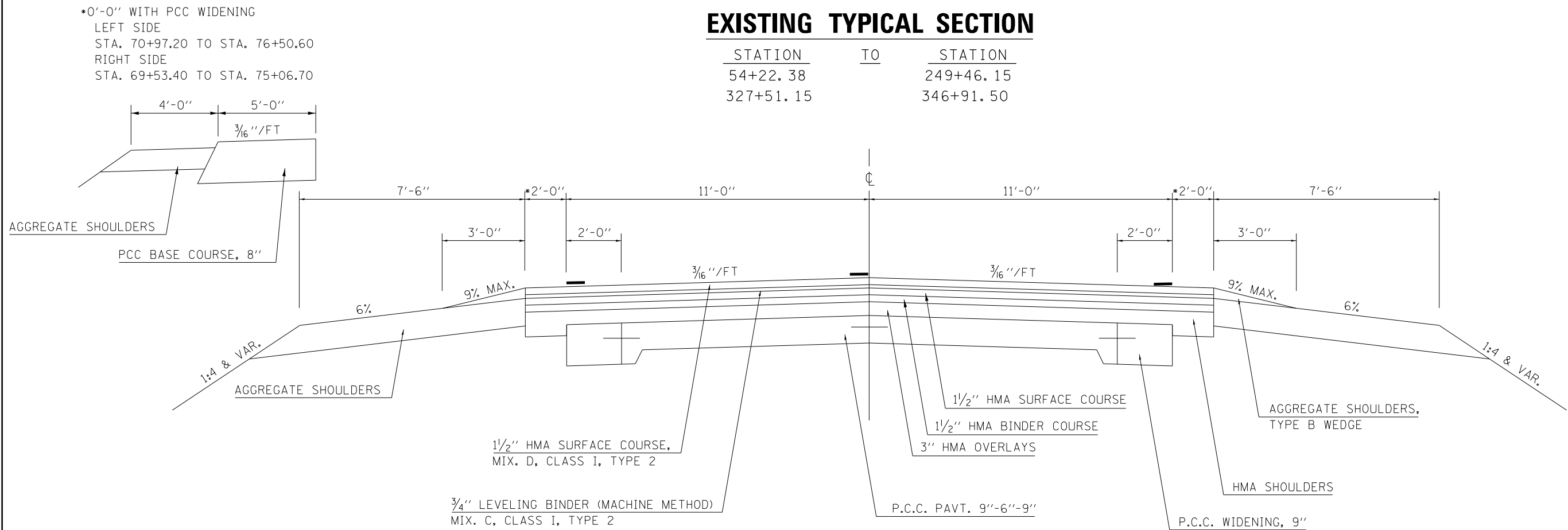
SUMMARY OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

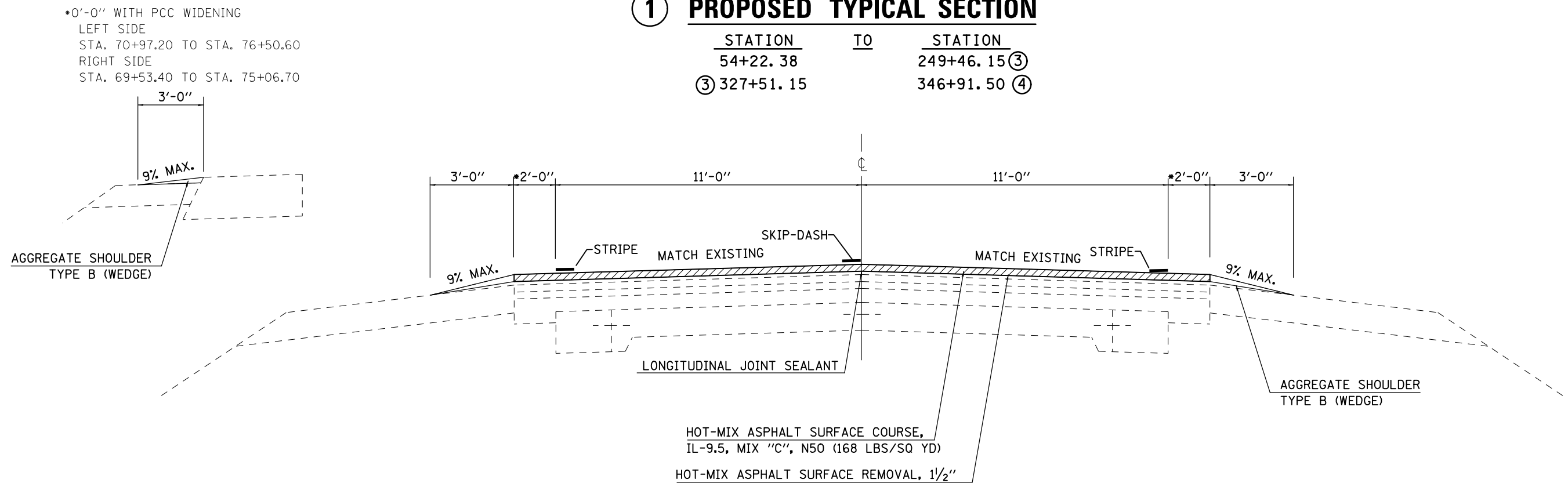
EXISTING TYPICAL SECTION

STATION	TO	STATION
54+22.38		249+46.15
327+51.15		346+91.50



1 PROPOSED TYPICAL SECTION

STATION	TO	STATION
54+22.38		249+46.15 ③
③ 327+51.15		346+91.50 ④



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 OFFICE: ...
 DATE: 1/20/2021

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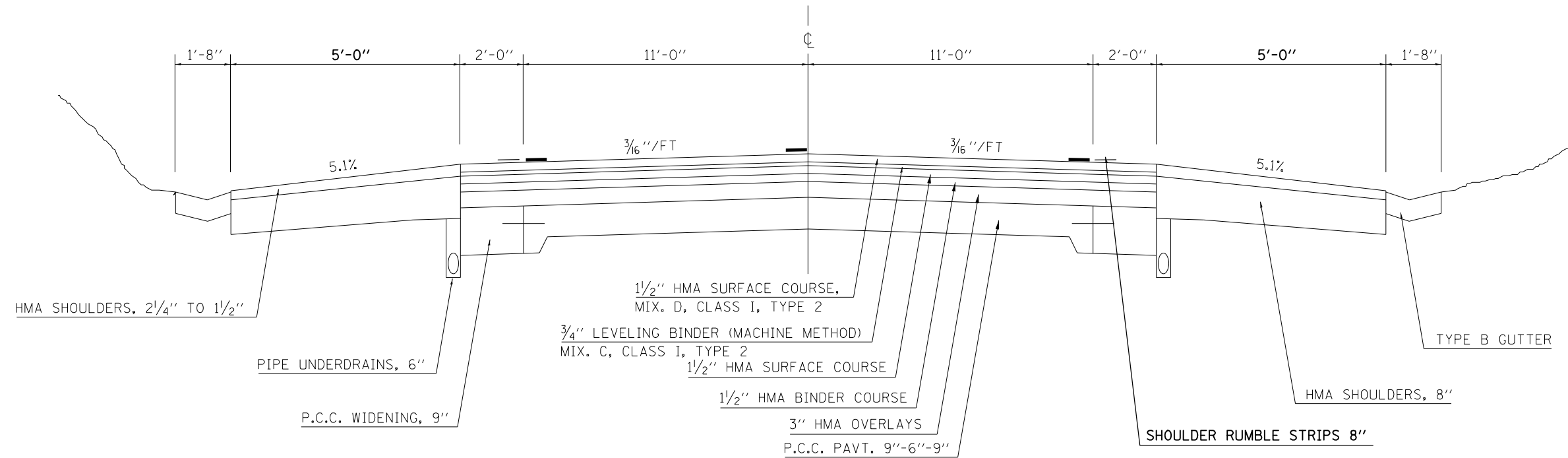
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 TYPICAL CROSS-SECTIONS	
SCALE: N.T.S.	SHEET 1 OF 5 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	5
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

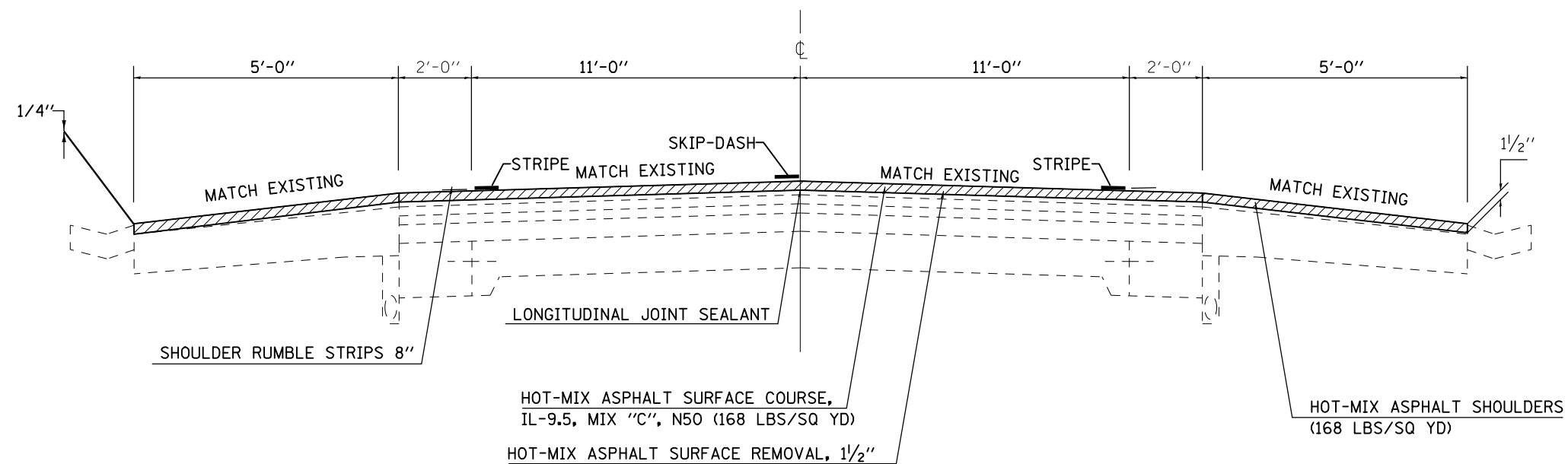
EXISTING TYPICAL SECTION

STATION	TO	STATION
257+01.15		263+47.27
286+22.53		288+32.51
305+74.63		317+03.24



② PROPOSED TYPICAL SECTION

STATION	TO	STATION
③ 257+01.15		263+47.27 ⑤
⑤ 286+22.53		288+32.51 ③
③ 305+74.63		317+03.24 ③



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DEPARTMENT OF TRANSPORTATION**

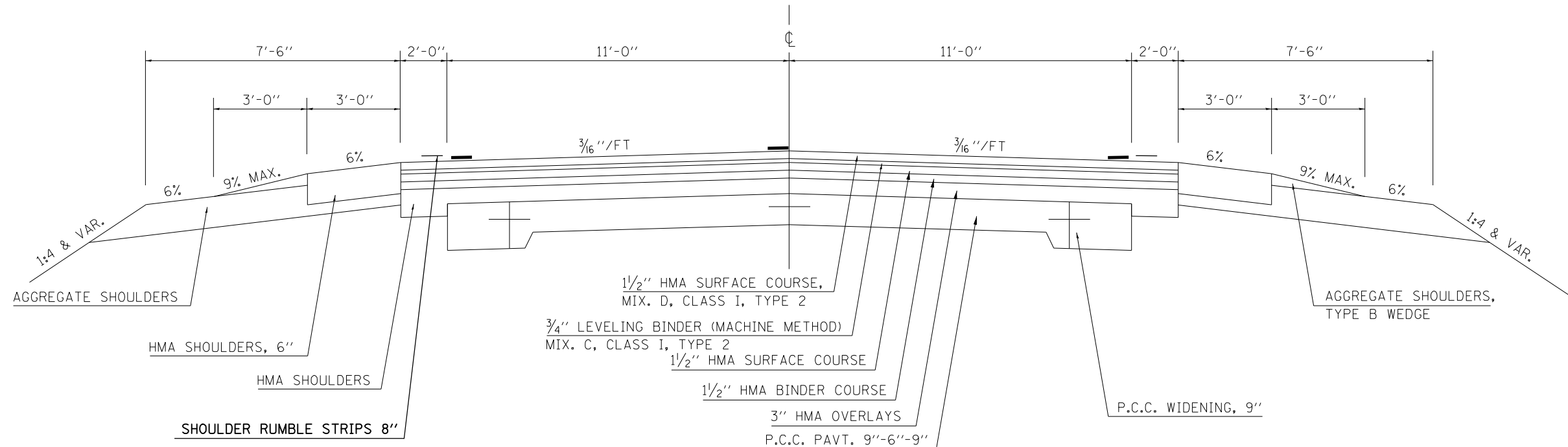
ILL 48 TYPICAL CROSS-SECTIONS

SCALE: N.T.S. SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	6
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

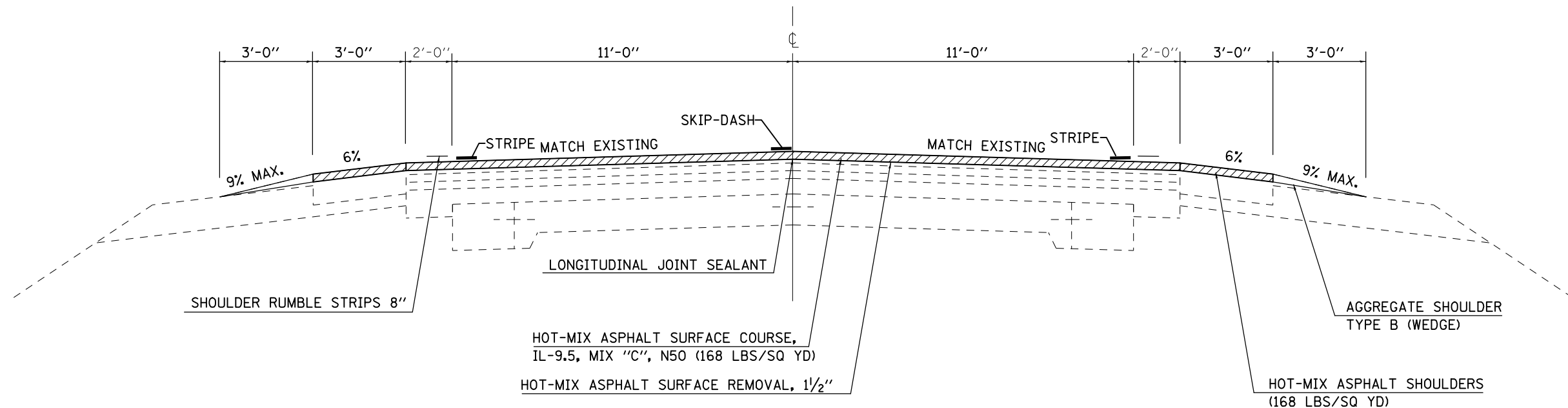
EXISTING TYPICAL SECTION

STATION	TO	STATION
249+46.15		257+01.15
288+32.51		305+74.63
317+03.00		327+51.15



3 PROPOSED TYPICAL SECTION

STATION	TO	STATION
① 249+46.15		257+01.15 ②
② 288+32.51		305+74.63 ②
② 317+03.00		327+51.15 ①



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 DATE: 1/20/2021

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

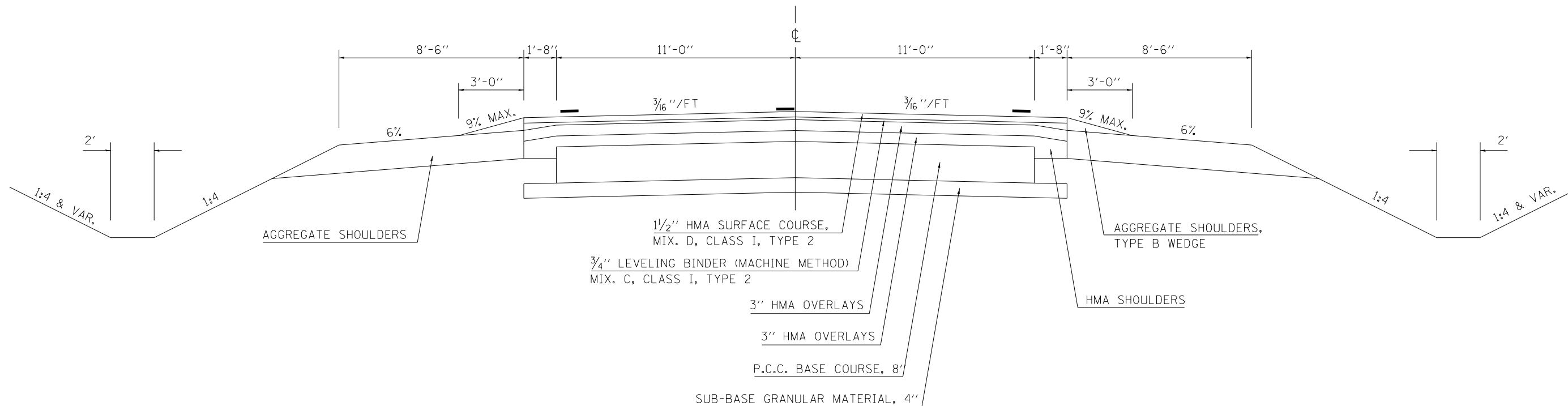
ILL 48 TYPICAL CROSS-SECTIONS

SCALE: N.T.S. SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	7
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

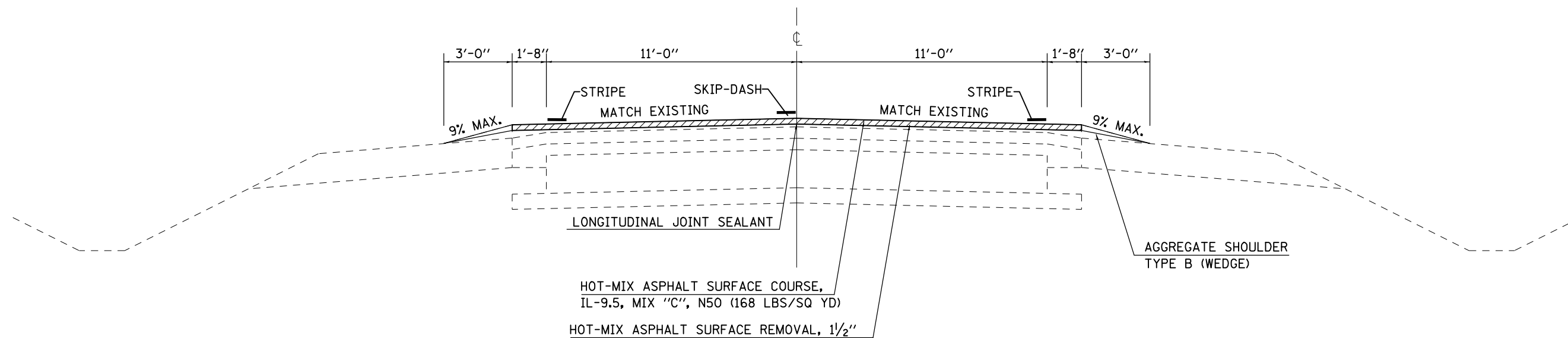
EXISTING TYPICAL SECTION

STATION TO STATION
346+91.50 352+22.29



④ PROPOSED TYPICAL SECTION

STATION TO STATION
① 346+91.50 352+22.29



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILL 48 TYPICAL CROSS-SECTIONS

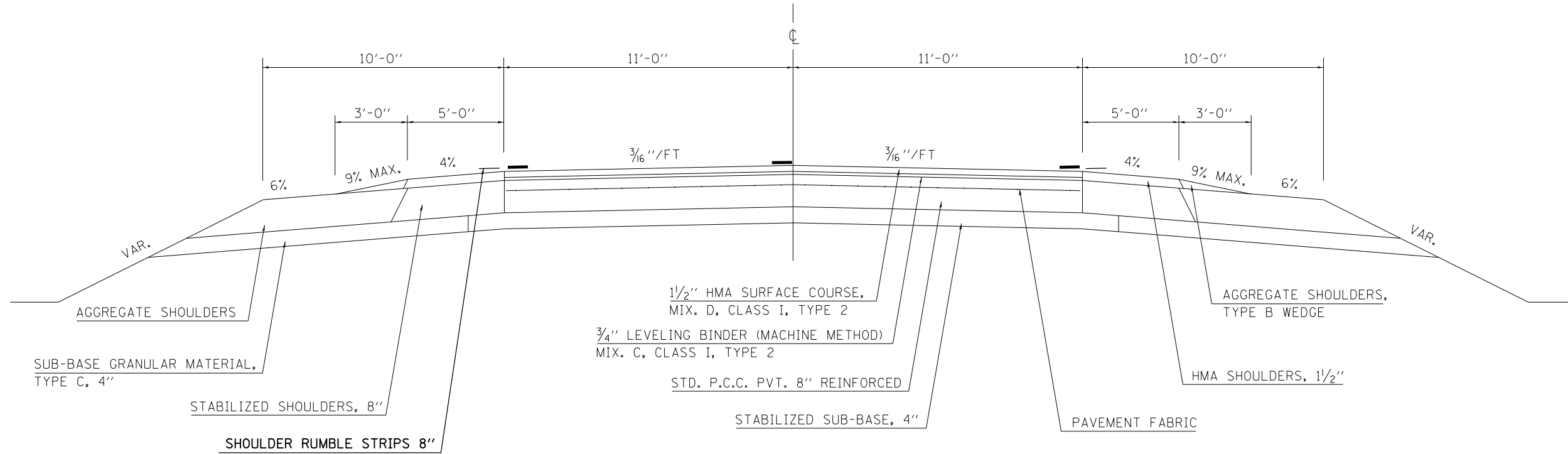
SCALE: N.T.S. SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	8
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

* OMISSION-S. N. 020-0045
 STATION 273+03.31 TO STATION 275+32.31

EXISTING TYPICAL SECTION

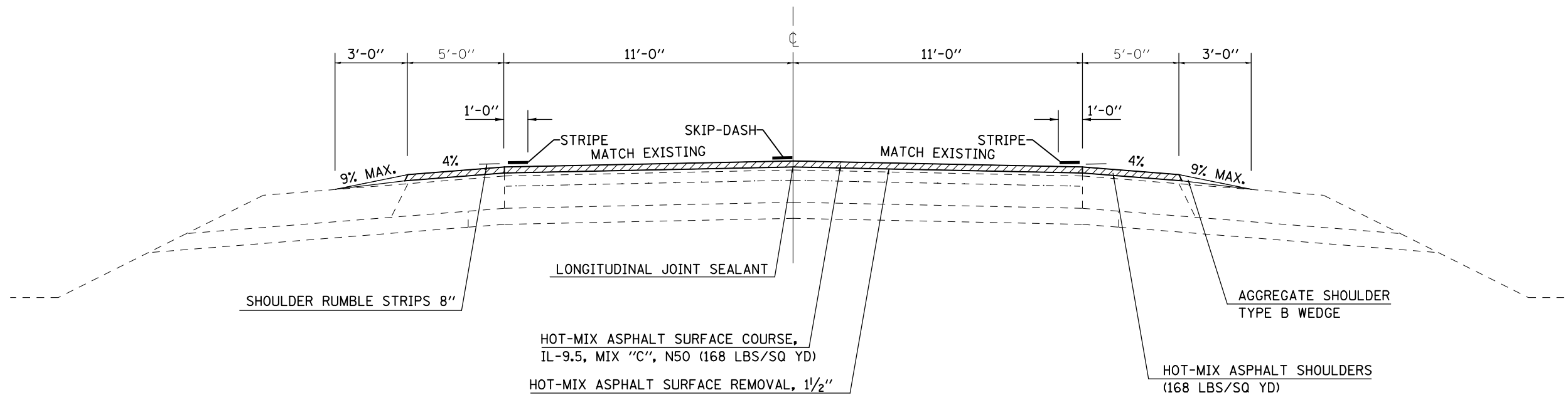
STATION	TO	STATION
263+47.27		273+03.31*
* 275+32.31		286+22.53



* OMISSION-S. N. 020-0045
 STATION 273+03.31 TO STATION 275+32.31

5 PROPOSED TYPICAL SECTION

STATION	TO	STATION
② 263+47.27		273+03.31 *
* 275+32.31		286+22.53 ②



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ILL 48 TYPICAL CROSS-SECTIONS

SCALE: N.T.S. SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	9
CONTRACT NO. 70E83			ILLINOIS FED. AID PROJECT	

SCHEDULES OF QUANTITIES

EDGE OF PAVEMENT MARKING SCHEDULE											
NORTHBOUND LANE											
STATION	TO	STATION	LENGTH FOOT	OMISSION REASON	70300220		70300100			70300150	78300202
					NO. LINE	(WHITE) FOOT	NO. LINE	NO. APP	FOOT		
54+22.38	TO	56+15.59	193.21		1.0	193.21	1.0	2.0	8.00	2.70	17.00
56+15.59	TO	106+34.86	5,019.27	600 N	1.0	5,019.27			0.00		420.00
106+86.88	TO	159+18.38	5,231.50	RAINBOW RD	1.0	5,231.50			0.00		437.00
159+65.99	TO	255+98.50	9,632.51	885 N RD	1.0	9,632.51			0.00		803.00
256+94.07	TO	262+89.24	595.17		1.0	595.17	1.0	2.0	16.00	5.30	50.00
262+89.24	TO	272+99.62	1,010.38	S.N. 020-0045	1.0	1,010.38			0.00		87.00
275+25.20	TO	305+70.33	3,045.13		1.0	3,045.13			0.00		257.00
305+70.33	TO	316+96.26	1,125.93		1.0	1,125.93	1.0	2.0	24.00	8.00	97.00
316+96.26	TO	327+46.61	1,050.35	CUMBERLAND RD	1.0	1,050.35			0.00		90.00
327+83.22	TO	352+37.47	2,454.25	ILL 54	1.0	2,454.25			0.00		207.00
NORTHBOUND TOTALS =						29,357.70			48.00	16.00	2,465.00
ROUNDED NORTHBOUND TOTALS =						29,358.00			48.00	16.00	2,465.00

78001110, 70300100, 70300150, 78300202 QUANTITIES CONTINUE IN CENTERLINE AND RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE
 70300220 CONTINUES IN CENTERLINE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE AND PAVEMENT MARKINGS 6", 12", 24" SCHEDULE

TYPE 2 SURVEY MARKER SCHEDULE						
POINT	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION	XZ193400 SURVEY MARKER TY. 2 SPL EACH
9	1268200.87	869187.338	127+49.04	1.74 RT	MAG NAIL	1.0
13	1277470.965	869239.318	220+19.28	U	MAG NAIL	1.0
42	1285668.222	869286.104	302+16.65	2.38 LT	MAG NAIL	1.0
TOTAL =						3.0

SURVEY MARKER VAULT SCHEDULE						
POINT	NORTHING	EASTING	STATION	OFFSET	DESCRIPTION (SECTION CORNERS)	Z0070202 SURVEY MARKER VAULT EACH
7	1266115.443	869159.569	106+63.44	2.88 LT	VAULT	1.0
22	1288525.615	869356.46	330+74.90	3.07 RT	VAULT	1.0
TOTAL =						2.0

RUMBLE STRIP (ADVANCE OF INTERSECTIONS) SCHEDULE		
STA	DIRECTION	Z0055300 RUMBLE STRIPS EACH
340+00.00	NB	1.00
347+00.00	NB	1.00
349+00.00	NB	1.00
TOTAL =		3.00

*FIRST RUMBLE STRIP TO BE PLACED 200' BEFORE EXISTING STOP AHEAD SIGN

EDGE OF PAVEMENT MARKING SCHEDULE											
SOUTHBOUND LANE											
STATION	TO	STATION	LENGTH FOOT	OMISSION REASON	70300220		70300100			70300150	78300202
					NO. LINE	(WHITE) FOOT	NO. LINE	NO. APP	FOOT		
54+22.79	TO	106+39.82	5,217.03	600 N	1.0	5,217.0			0.00		437.00
106+87.09	TO	159+21.25	5,234.16	RAINBOW RD	1.0	5,234.2			0.00		437.00
159+68.10	TO	185+51.28	2,583.18	750 N	1.0	2,583.2			0.00		217.00
186+09.16	TO	238+39.64	5,230.48	885 N	1.0	5,230.5			0.00		437.00
239+01.43	TO	256+10.86	1,709.43	885 N RD	1.0	1,709.4			0.00		143.00
256+94.88	TO	260+12.23	317.35		1.0	317.3	1.0	2.0	8.00	2.70	27.00
260+12.23	TO	272+99.62	1,287.39	S.N. 020-0045	1.0	1,287.4			0.00		110.00
275+25.20	TO	286+19.31	1,094.11		1.0	1,094.1			0.00		93.00
286+19.31	TO	288+46.04	226.73		1.0	226.7	1.0	2.0	8.00	2.70	20.00
288+46.04	TO	305+02.31	1,656.27		1.0	1,656.3			0.00		140.00
305+02.31	TO	316+96.91	1,194.60		1.0	1,194.6	1.0	2.0	24.00	8.00	100.00
316+96.91	TO	327+09.98	1,013.07	CUMBERLAND RD	1.0	1,013.1			0.00		87.00
327+79.97	TO	351+38.37	2,358.40	ILL 54	1.0	2,358.4			0.00		197.00
SOUTHBOUND TOTALS =						29,122.20			40.00	13.40	2,445.00
ROUNDED SOUTHBOUND TOTALS =						29,123.00			40.00	14.00	2,445.00
TOTALS =						58,481.00			88.00	30.00	4,910.00

78001110, 70300100, 70300150, 78300202 QUANTITIES CONTINUE IN CENTERLINE AND RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE
 70300220 CONTINUES IN CENTERLINE PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE AND PAVEMENT MARKINGS 6", 12", 24" SCHEDULE

PAVEMENT MARKINGS 6", 12", 24" SCHEDULE				
LOCATION	DESCRIPTION	70300220	70300260	70300280
		TEMP PVT MK LINE 4" FOOT	TEMP PVT MK LINE 12" FOOT	TEMP PVT MK LINE 24" FOOT
		78000200	78000600	78000650
		THERMOPLASTIC PVMNI MKK LINE 4" WHITE SOLID FOOT	THERMOPLASTIC PVMNI MKK LINE 12" WHITE SOLID FOOT	THERMOPLASTIC PVMNI MKK LINE 24" WHITE SOLID FOOT
		X7830070	X7830078	X7830090
		GROOVING RECESSED PAVEMENT MARKING, 5" FOOT	GROOVING RECESSED PAVEMENT MARKING, 13" FOOT	GROOVING RECESSED PAVEMENT MARKING, 25" FOOT
ILL 48 & ILL 10	STOP BAR			12.84
ILL 54 & ILL 48 ISLAND	DIAGONALS		65.90	
ILL 54 & ILL 48 ISLAND	ISLAND	169.00		
ILL 54 & ILL 48 NB RTL	STOP BAR			18.10
ILL 54 & ILL 48 NB	STOP BAR			13.89
ILL 54 & ILL 48 NB MEDIAN	DIAGONALS		8.60	
TOTALS =		169.00	74.50	44.83
ROUNDED TOTALS =		169.00	75.00	45.00

70300220 CONTINUES IN CENTERLINE PAVEMENT MARKING AND EDGE OF PAVEMENT MARKING SCHEDULE

MODEL: I:\MODEL\MARKE... FILE NAME: ...

USER NAME = PiersonTJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	12
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

SCHEDULES OF QUANTITIES

CLASS D PATCHING SCHEDULE											
SIDE	STA	LENGTH FOOT	WIDTH FOOT	THICK IN	44201773	44201777	44201781	44201783	44201859	44201863	44201867
					CLASS D PATCHES TYPE I, 11 INCH SQ YD	CLASS D PATCHES TYPE II, 11 INCH SQ YD	CLASS D PATCHES TYPE III, 11 INCH SQ YD	CLASS D PATCHES TYPE IV, 11 INCH SQ YD	CLASS D PATCHES TYPE I, 18 INCH SQ YD	CLASS D PATCHES TYPE II, 18 INCH SQ YD	CLASS D PATCHES TYPE III, 18 INCH SQ YD
NB	70+30	6.00	13.00	18.00						8.67	
NB	86+32	6.00	13.00	18.00						8.67	
NB	95+50	6.00	13.00	18.00						8.67	
NB	149+00	6.00	13.00	18.00						8.67	
NB	157+16	6.00	13.00	18.00						8.67	
NB	182+00	6.00	13.00	18.00						8.67	
NB	205+65	6.00	13.00	18.00						8.67	
NB	248+50	15.00	13.00	18.00							21.67
NB	263+40	6.00	6.00	18.00				4.00			
ND	205+00	6.00	13.00	18.00						8.67	
NB	286+15	10.00	13.00	18.00						14.44	
NB	292+75	6.00	13.00	18.00						8.67	
NB	317+40	6.00	13.00	18.00						8.67	
NB	323+92	6.00	13.00	18.00						8.67	
NB	330+95	6.00	13.00	18.00						8.67	
NB	332+33	10.00	13.00	18.00						14.44	
NB	337+65	6.00	13.00	18.00						8.67	
NB	264+63	6.00	6.00	11.00	4.00						
NB	264+74	6.00	13.00	11.00		8.67					
NB	264+83	6.00	6.00	11.00	4.00						
NB	264+97	6.00	13.00	11.00		8.67					
NB	265+30	6.00	6.00	11.00	4.00						
NB	265+60	10.00	6.00	11.00		6.67					
NB	266+00	6.00	6.00	11.00	4.00						
NB	266+50	6.00	13.00	11.00		8.67					
NB	267+71	6.00	13.00	11.00		8.67					
NB	268+17	6.00	13.00	11.00		8.67					
NB	270+50	6.00	13.00	11.00		8.67					
NB	271+00	6.00	13.00	11.00		8.67					
NB	271+70	6.00	13.00	11.00		8.67					
NB	277+43	6.00	13.00	11.00		8.67					
NB	279+00	6.00	13.00	11.00		8.67					
NB	279+30	6.00	13.00	11.00		8.67					
NB	279+80	6.00	13.00	11.00		8.67					
NB	281+25	6.00	13.00	11.00		8.67					
NB	281+76	6.00	13.00	11.00		8.67					
NB	282+77	6.00	13.00	11.00		8.67					
NB	284+28	6.00	13.00	11.00		8.67					
NB	284+77	6.00	13.00	11.00		8.67					
SUB-TOTALS =					16.00	154.06			4.00	141.59	21.67

CLASS D PATCHING SCHEDULE - CONTINUED											
SIDE	STA	LENGTH FOOT	WIDTH FOOT	THICK IN	44201773	44201777	44201781	44201783	44201859	44201863	44201867
					CLASS D PATCHES TYPE I, 11 INCH SQ YD	CLASS D PATCHES TYPE II, 11 INCH SQ YD	CLASS D PATCHES TYPE III, 11 INCH SQ YD	CLASS D PATCHES TYPE IV, 11 INCH SQ YD	CLASS D PATCHES TYPE I, 18 INCH SQ YD	CLASS D PATCHES TYPE II, 18 INCH SQ YD	CLASS D PATCHES TYPE III, 18 INCH SQ YD
SB	74+90	6.00	13.00	18.00							8.67
SB	75+70	30.00	4.00	18.00							13.33
SB	96+32	6.00	13.00	18.00							8.67
SB	95+50	6.00	13.00	18.00							8.67
SB	97+20	6.00	13.00	18.00							8.67
SB	135+10	6.00	13.00	18.00							8.67
SB	205+65	6.00	13.00	18.00							8.67
SB	227+00	6.00	13.00	18.00							8.67
SB	292+75	6.00	13.00	18.00							8.67
SB	300+90	6.00	13.00	18.00							8.67
SB	307+30	6.00	13.00	18.00							8.67
SB	316+00	6.00	13.00	18.00							8.67
SB	317+40	6.00	13.00	18.00							8.67
SB	323+92	6.00	13.00	18.00							8.67
SB	330+95	6.00	13.00	18.00							8.67
SB	337+65	6.00	13.00	18.00							8.67
SB	264+97	6.00	13.00	11.00		8.67					
SB	265+30	6.00	13.00	11.00		8.67					
SB	265+50	8.00	13.00	11.00		11.56					
SB	265+60	10.00	6.00	11.00		6.67					
SB	266+00	50.00	6.00	11.00				33.33			
SB	266+30	6.00	13.00	11.00		8.67					
SB	267+71	6.00	13.00	11.00		8.67					
SB	270+50	6.00	13.00	11.00		8.67					
SB	271+70	6.00	13.00	11.00		8.67					
SB	276+62	6.00	13.00	11.00		8.67					
SB	277+43	6.00	13.00	11.00		8.67					
SB	278+00	6.00	6.00	11.00	4.00						
SB	279+00	6.00	6.00	11.00	4.00						
SB	279+80	6.00	13.00	11.00		8.67					
SB	281+25	6.00	13.00	11.00		8.67					
SB	282+77	6.00	13.00	11.00		8.67					
SB	284+28	6.00	13.00	11.00		8.67					
SB	284+64	6.00	6.00	11.00	4.00						
SB	284+77	6.00	13.00	11.00		8.67					
SB	285+25	12.00	13.00	11.00			17.33				
SB	285+44	10.00	13.00	11.00		14.44					
SB	285+61	10.00	13.00	11.00		14.44					
SB	285+71	20.00	6.00	11.00		13.33					
SB	285+80	6.00	13.00	11.00		8.67					
SB	286+15	50.00	13.00	11.00				72.22			
TOTALS =					28.00	335.88	17.33	105.55	4.00	284.97	21.67
ROUNDED TOTALS =					28.00	336.00	18.00	106.00	4.00	285.00	22.00

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PLOT DATE = 1/20/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	13
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

CONTROL POINTS

IL 48 CENTERLINE CONTROL

<u>PT_NO</u>	<u>NORTHING</u>	<u>EASTING</u>	<u>STATION</u>	<u>OFFSET</u>	<u>CODE</u>	<u>DESCRIPTION</u>
1	1260590.698	869096.504	51+38.33	0.00	832	MAG NAIL
PC 9	1267100.948	869174.210	116+49.04	0.00	816	MAG NAIL
9	1268200.870	869187.338	127+49.04	1.74 RT	820	MAG NAIL
PT 9	1269300.853	869193.506	138+49.04	0.00	835	MAG NAIL
13	1277470.965	869239.318	220+19.28	0.00	820	MAG NAIL
PC 42	1285134.830	869283.060	296+83.27	0.00	816	MAG NAIL
42	1285668.222	869286.104	302+16.65	2.38 LT	820	MAG NAIL
PT 42	1286201.474	869298.660	307+50.04	0.00	835	MAG NAIL
44	1290687.655	869404.293	352+37.47	0.00	803	MAG NAIL

IL 48 SECTION CORNERS

<u>PT_NO</u>	<u>NORTHING</u>	<u>EASTING</u>	<u>STATION</u>	<u>OFFSET</u>	<u>CODE</u>	<u>DESCRIPTION</u>
2	1260847.391	869101.130	53+95.06	1.56 RT	200	VAULT
7	1266115.443	869159.569	106+63.44	2.88 LT	200	VAULT
22	1288525.615	869356.460	330+74.90	3.07 RT	200	VAULT

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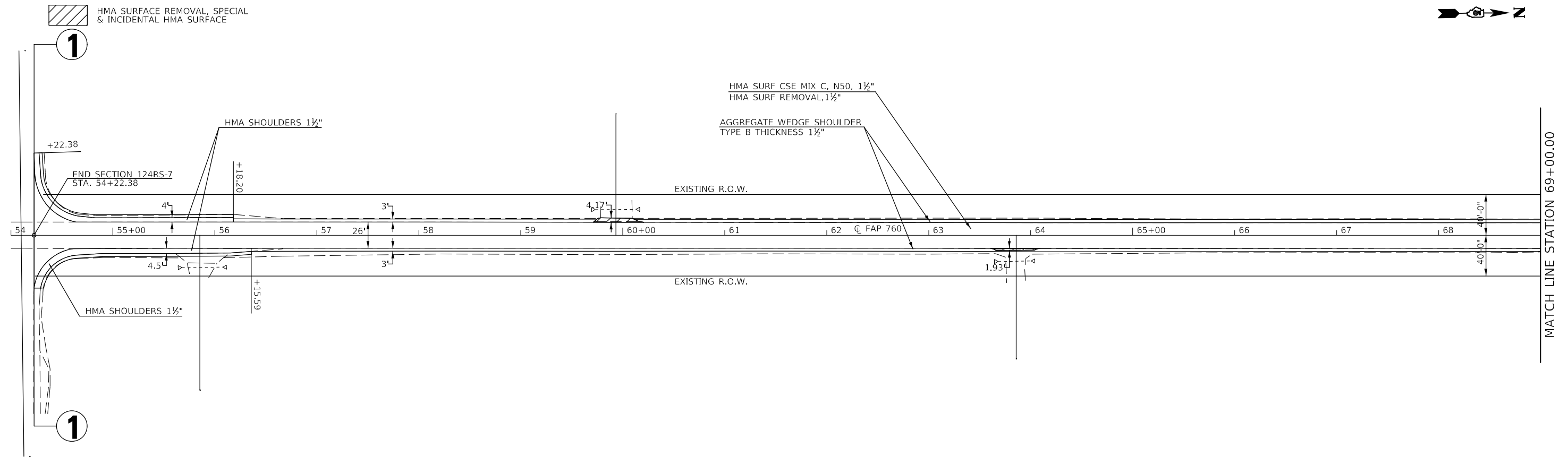
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CONTROL POINTS

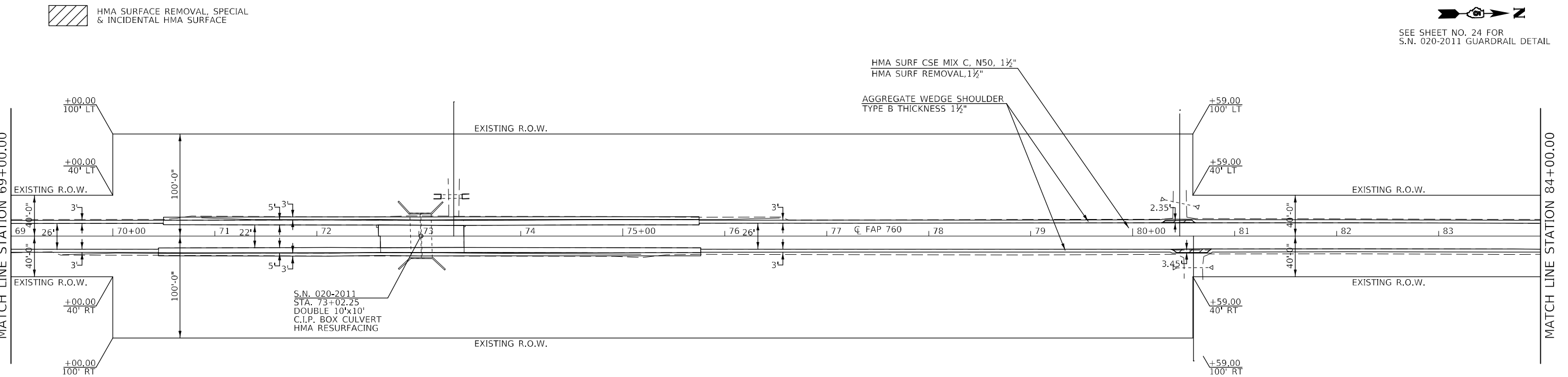
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	14
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

SEC 4, T 19 N, R 4 E, 3RD PM



SEC 3, T 19 N, R 4 E, 3RD PM
SEC 4, T 19 N, R 4 E, 3RD PM



SEC 3, T 19 N, R 4 E, 3RD PM

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PLOT DATE = 1/20/2021	CHECKED -	REVISED -
	DATE -	REVISED -

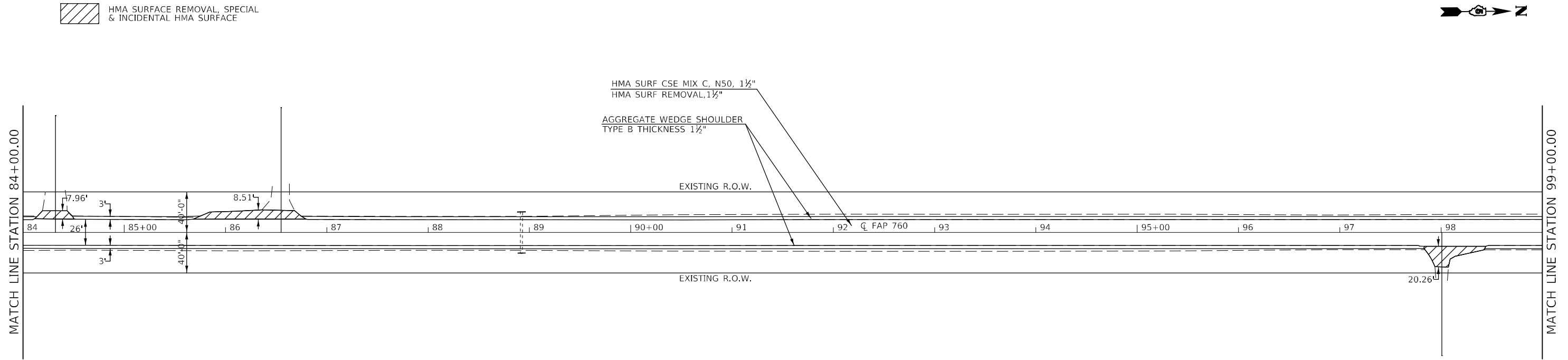
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 PLAN SHEETS

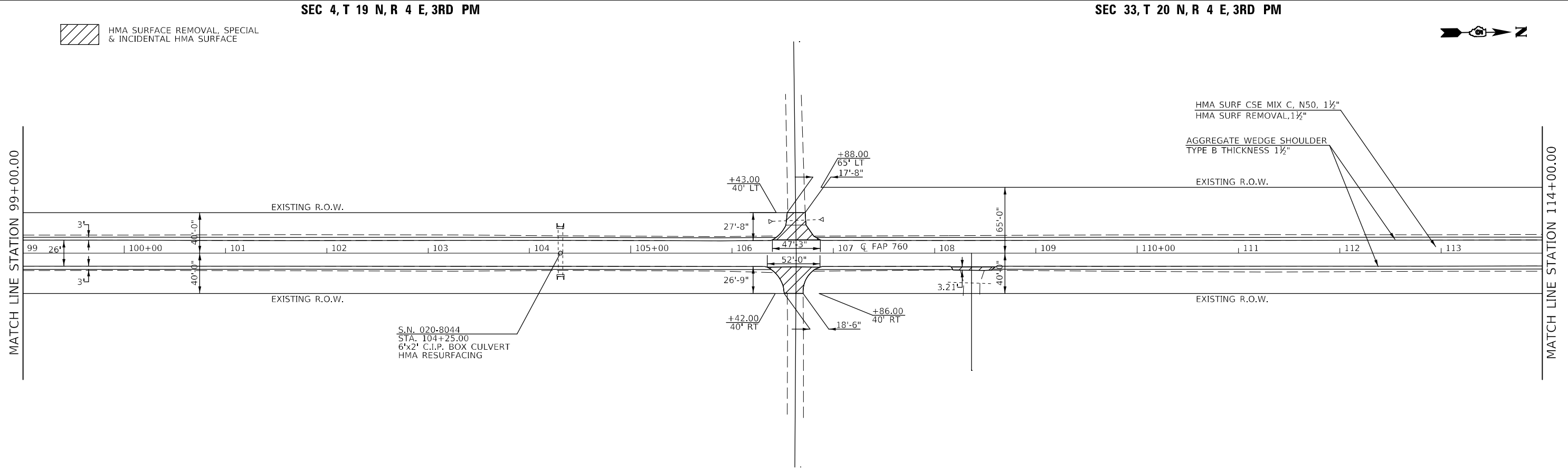
SCALE: 1"=50' SHEET 1 OF 10 SHEETS STA. 54+00.00 TO STA. 84+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	15
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

SEC 4, T 19 N, R 4 E, 3RD PM



SEC 3, T 19 N, R 4 E, 3RD PM



SEC 3, T 19 N, R 4 E, 3RD PM

SEC 34, T 20 N, R 4 E, 3RD PM

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	DRAWN -	REVISED -
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PLOT DATE = 1/20/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 PLAN SHEETS

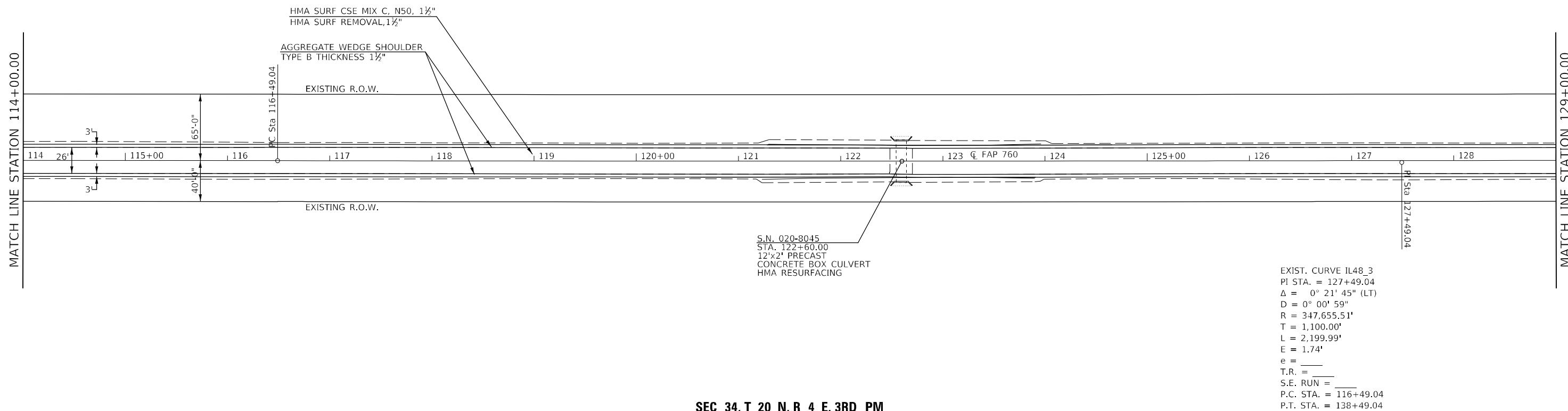
SCALE: 1"=50' SHEET 2 OF 10 SHEETS STA. 84+00.00 TO STA. 114+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	16
CONTRACT NO. 70E83			ILLINOIS FED. AID PROJECT	

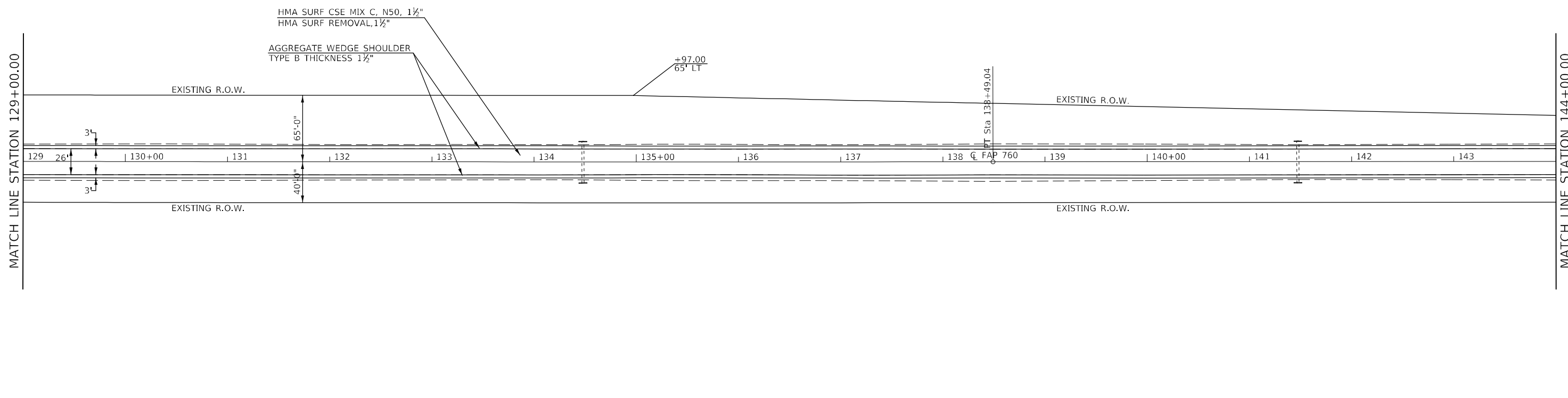
SEC 33, T 20 N, R 4 E, 3RD PM



SEE SHEET NO. 25 FOR
S.N. 020-8045 GUARDRAIL DETAIL



SEC 34, T 20 N, R 4 E, 3RD PM
SEC 33, T 20 N, R 4 E, 3RD PM



SEC 34, T 20 N, R 4 E, 3RD PM

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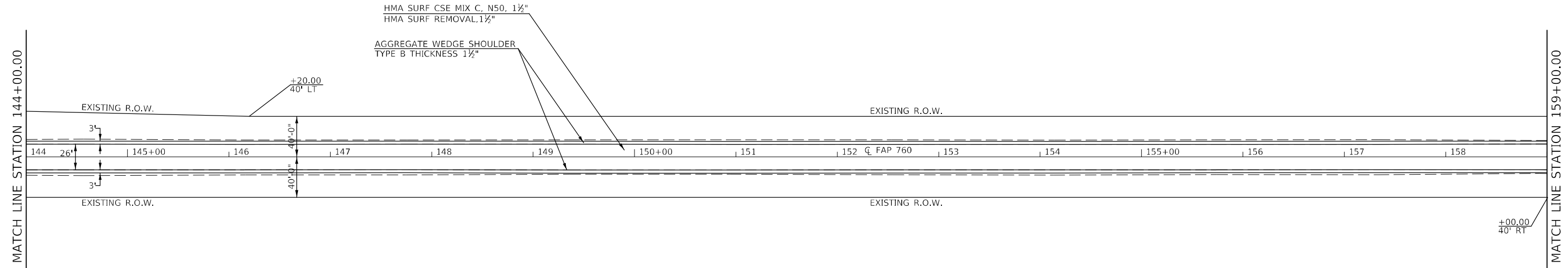
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 PLAN SHEETS

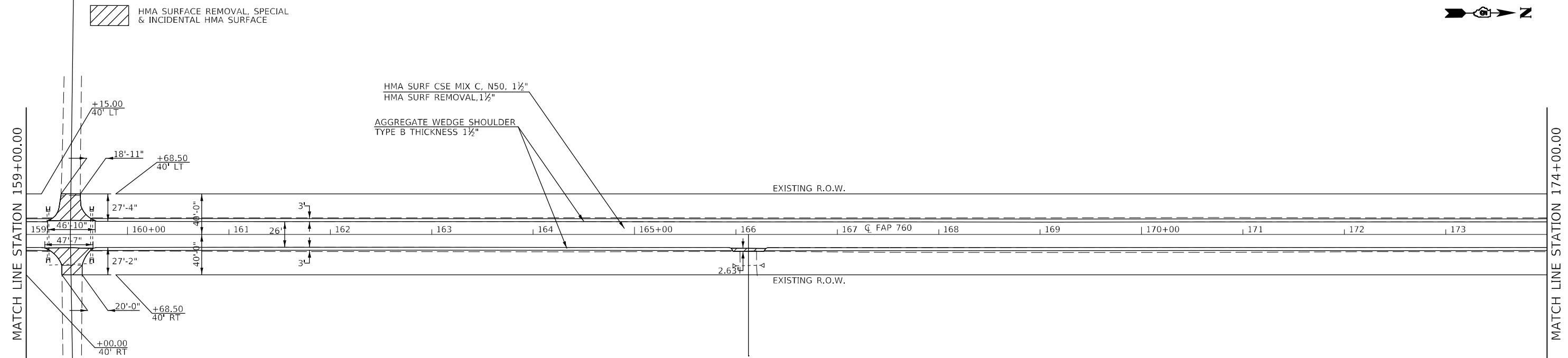
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	17
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

SEC 33, T 20 N, R 4 E, 3RD PM



SEC 34, T 20 N, R 4 E, 3RD PM
SEC 28, T 20 N, R 4 E, 3RD PM



SEC 27, T 20 N, R 4 E, 3RD PM

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DRAWN -	REVISÉD -	
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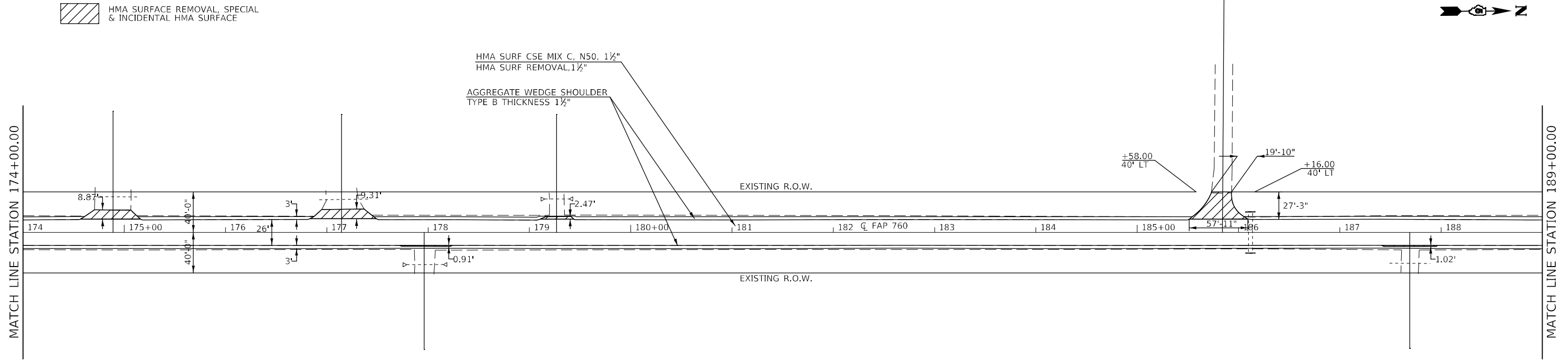
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILL 48 PLAN SHEETS

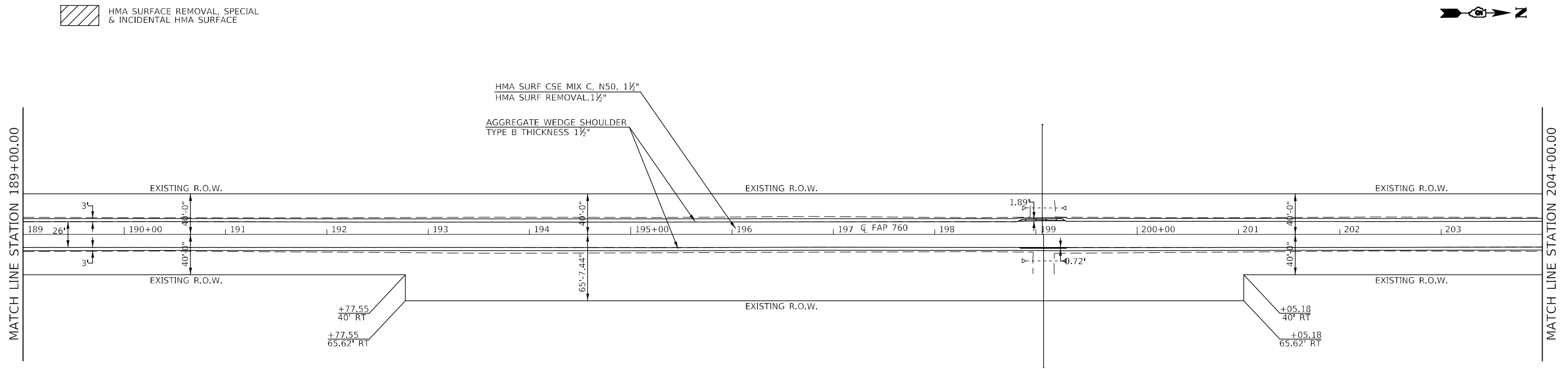
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	18
		CONTRACT NO. 70E83		
ILLINOIS			FED. AID PROJECT	

SEC 28, T 20 N, R 4 E, 3RD PM



SEC 27, T 20 N, R 4 E, 3RD PM
SEC 28, T 20 N, R 4 E, 3RD PM



SEC 27, T 20 N, R 4 E, 3RD PM

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USER NAME = PiersonTJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 PLAN SHEETS

SCALE: 1"=50' SHEET 5 OF 10 SHEETS STA. 174+00.00 TO STA. 204+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	19
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

SEC 28, T 20 N, R 4 E, 3RD PM

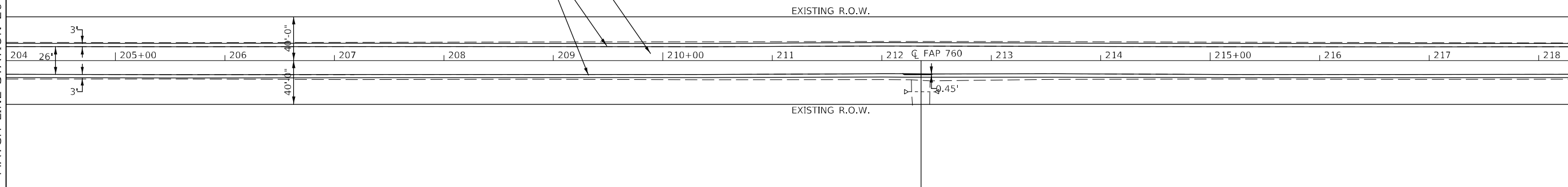
SEC 21, T 20 N, R 4 E, 3RD PM



MATCH LINE STATION 204+00.00

MATCH LINE STATION 219+00.00

HMA SURF CSE MIX C, N50, 1½"
HMA SURF REMOVAL, 1½"
AGGREGATE WEDGE SHOULDER
TYPE B THICKNESS 1½"



SEC 27, T 20 N, R 4 E, 3RD PM

SEC 22, T 20 N, R 4 E, 3RD PM

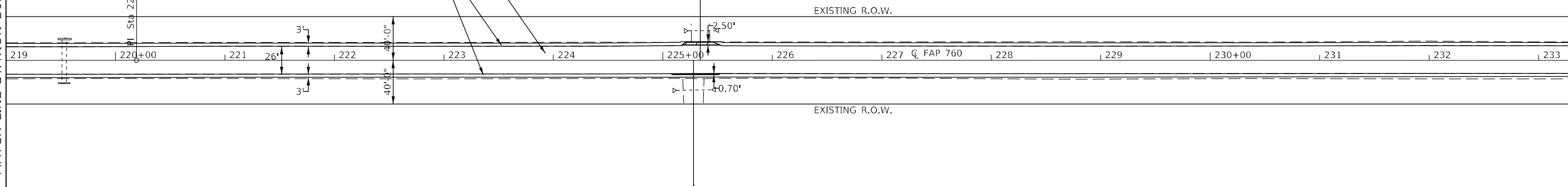


HMA SURFACE REMOVAL, SPECIAL
& INCIDENTAL HMA SURFACE

MATCH LINE STATION 219+00.00

MATCH LINE STATION 234+00.00

HMA SURF CSE MIX C, N50, 1½"
HMA SURF REMOVAL, 1½"
AGGREGATE WEDGE SHOULDER
TYPE B THICKNESS 1½"



SEC 22, T 20 N, R 4 E, 3RD PM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 PLAN SHEETS

USER NAME = PiersonTJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

SCALE: 1"=50' SHEET 6 OF 10 SHEETS STA. 204+00.00 TO STA. 234+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	20
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

MODEL: \\MODEL\NAME: FILE: NAME: PROJECT: 70E83 CAD: 70E83.DWG: 70E83-48-Plan-Sheet1.dwg

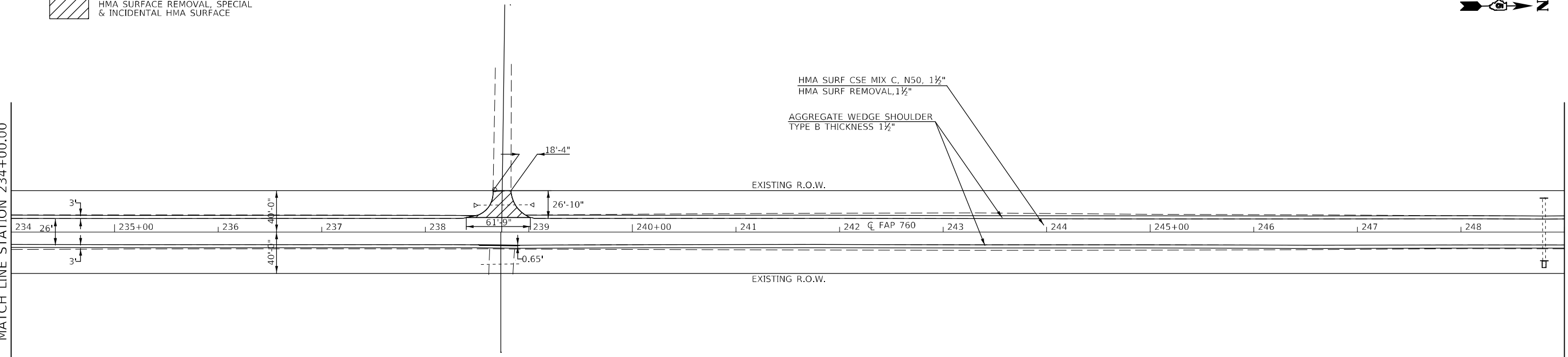
SEC 21, T 20 N, R 4 E, 3RD PM



 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE

MATCH LINE STATION 234+00.00

MATCH LINE STATION 249+00.00



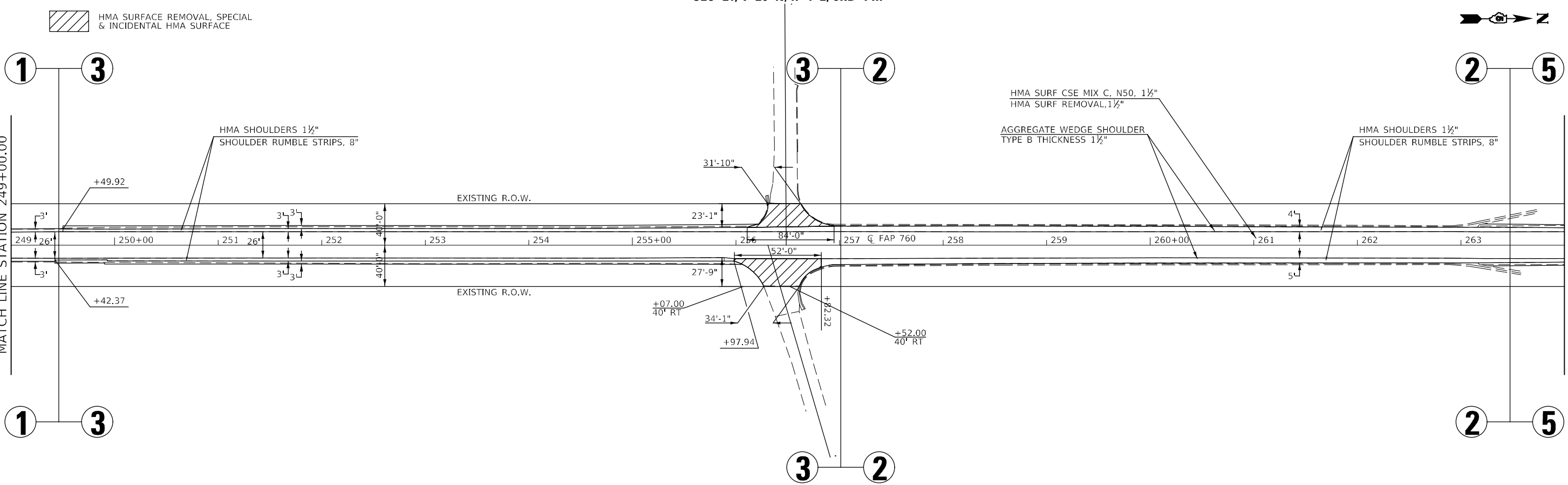
SEC 22, T 20 N, R 4 E, 3RD PM
SEC 21, T 20 N, R 4 E, 3RD PM



 HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE

MATCH LINE STATION 249+00.00

MATCH LINE STATION 264+00.00



SEC 22, T 20 N, R 4 E, 3RD PM

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USER NAME = PiersonTJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 PLAN SHEETS

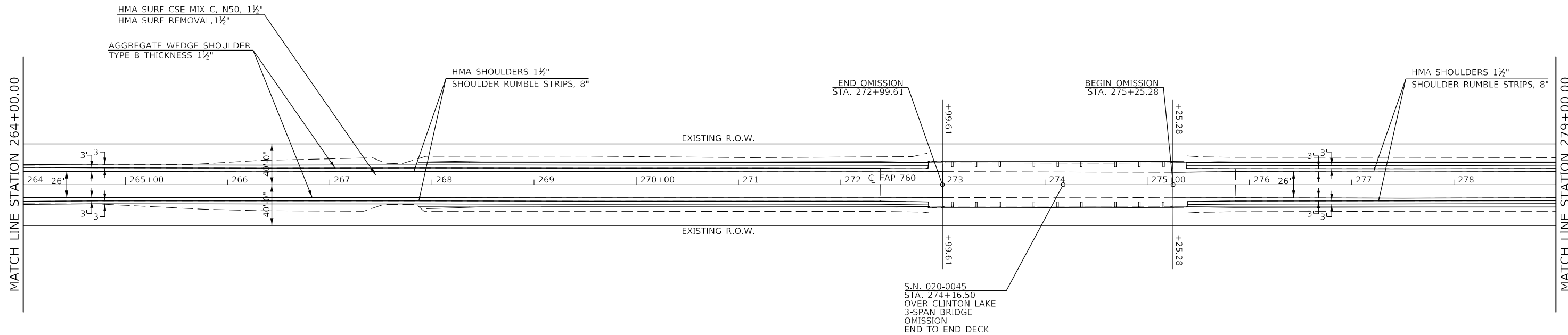
SCALE: 1"=50' SHEET 7 OF 10 SHEETS STA. 234+00.00 TO STA. 264+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	21
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

SEC 16, T 20 N, R 4 E, 3RD PM



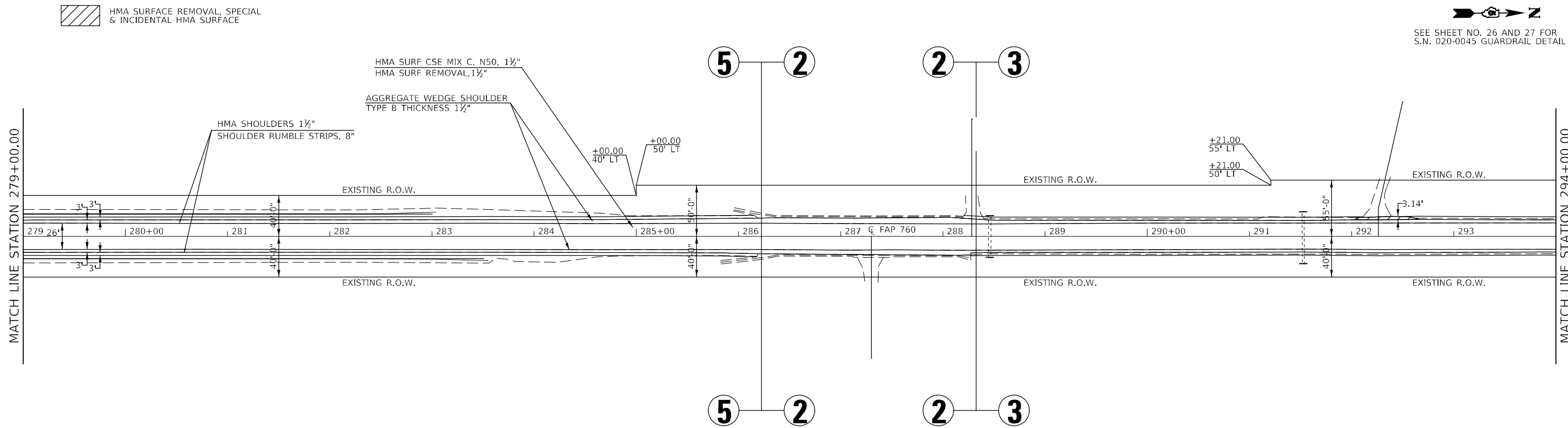
SEE SHEET NO. 26 AND 27 FOR
S.N. 020-0045 GUARDRAIL DETAIL



SEC 15, T 20 N, R 4 E, 3RD PM
SEC 16, T 20 N, R 4 E, 3RD PM



SEE SHEET NO. 26 AND 27 FOR
S.N. 020-0045 GUARDRAIL DETAIL



SEC 15, T 20 N, R 4 E, 3RD PM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 PLAN SHEETS

SCALE: 1"=50' SHEET 8 OF 10 SHEETS STA. 264+00.00 TO STA. 294+00.00

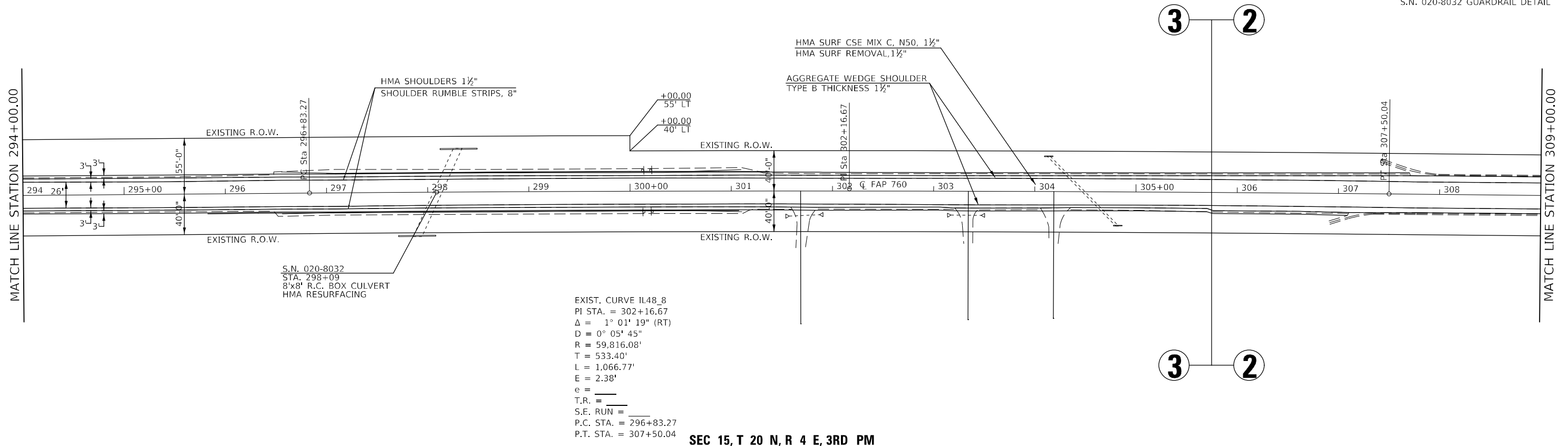
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	22
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

USER NAME = PiersonTJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

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SEC 16, T 20 N, R 4 E, 3RD PM

SEE SHEET NO. 28 FOR
S.N. 020-8032 GUARDRAIL DETAIL



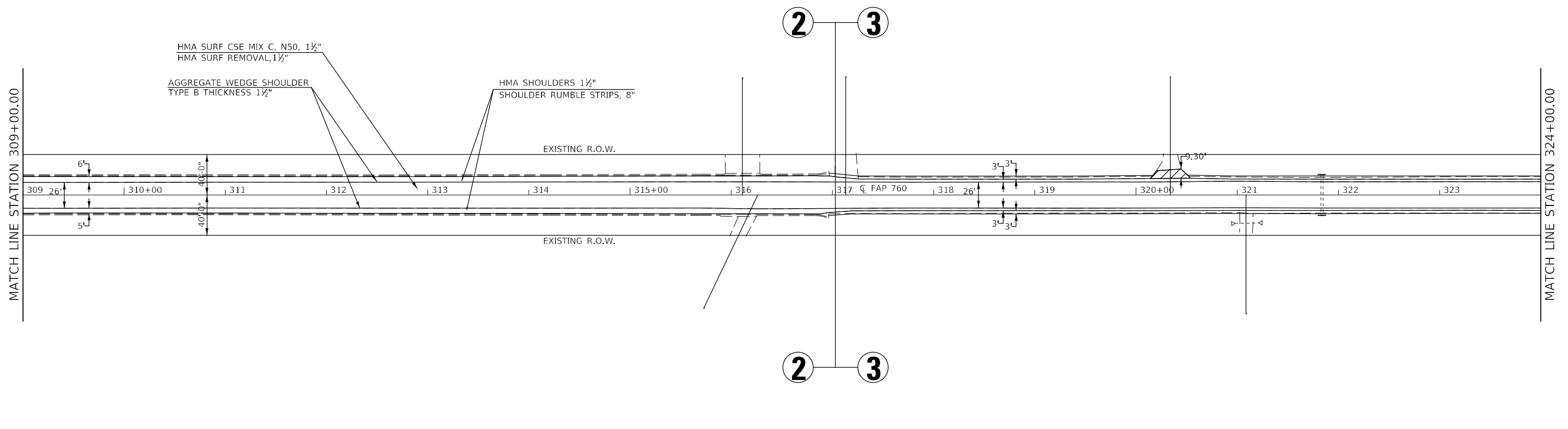
EXIST. CURVE IL48_8
PI STA. = 302+16.67
 $\Delta = 1^\circ 01' 19''$ (RT)
D = $0^\circ 05' 45''$
R = 59,816.08'
T = 533.40'
L = 1,066.77'
E = 2.38'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 296+83.27
P.T. STA. = 307+50.04

SEC 15, T 20 N, R 4 E, 3RD PM

SEC 16, T 20 N, R 4 E, 3RD PM

SEC 9, T 20 N, R 4 E, 3RD PM

HMA SURFACE REMOVAL, SPECIAL & INCIDENTAL HMA SURFACE



SEC 15, T 20 N, R 4 E, 3RD PM

SEC 10, T 20 N, R 4 E, 3RD PM

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 PLAN SHEETS

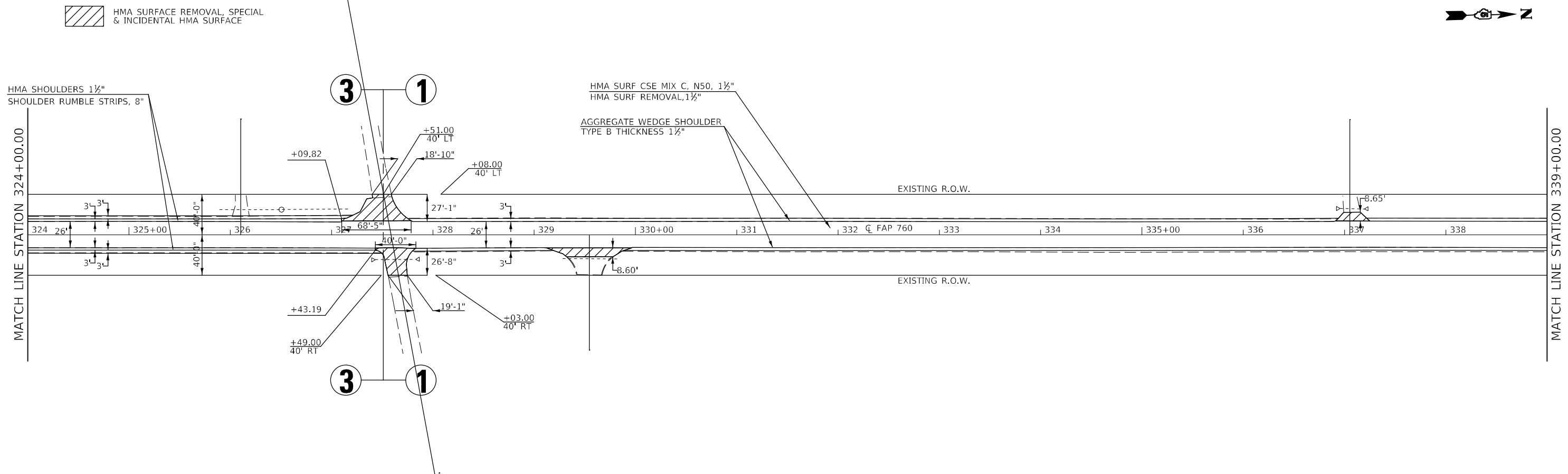
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DRAWN -	REVISED -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

SCALE: 1"=50'	SHEET 9	OF 10 SHEETS	STA. 294+00.00	TO STA. 324+00.00
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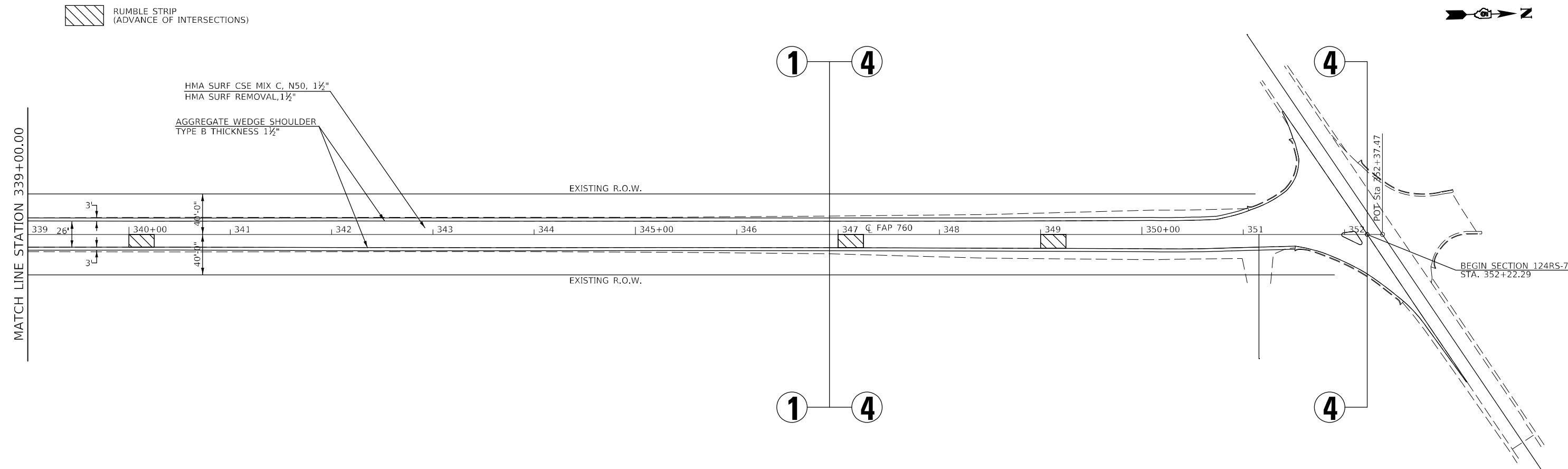
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	23
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

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SEC 9, T 20 N, R 4 E, 3RD PM



SEC 10, T 20 N, R 4 E, 3RD PM
SEC 9, T 20 N, R 4 E, 3RD PM



SEC 10, T 20 N, R 4 E, 3RD PM

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USER NAME = PiersonTJ	DESIGNED -	REVISED -
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

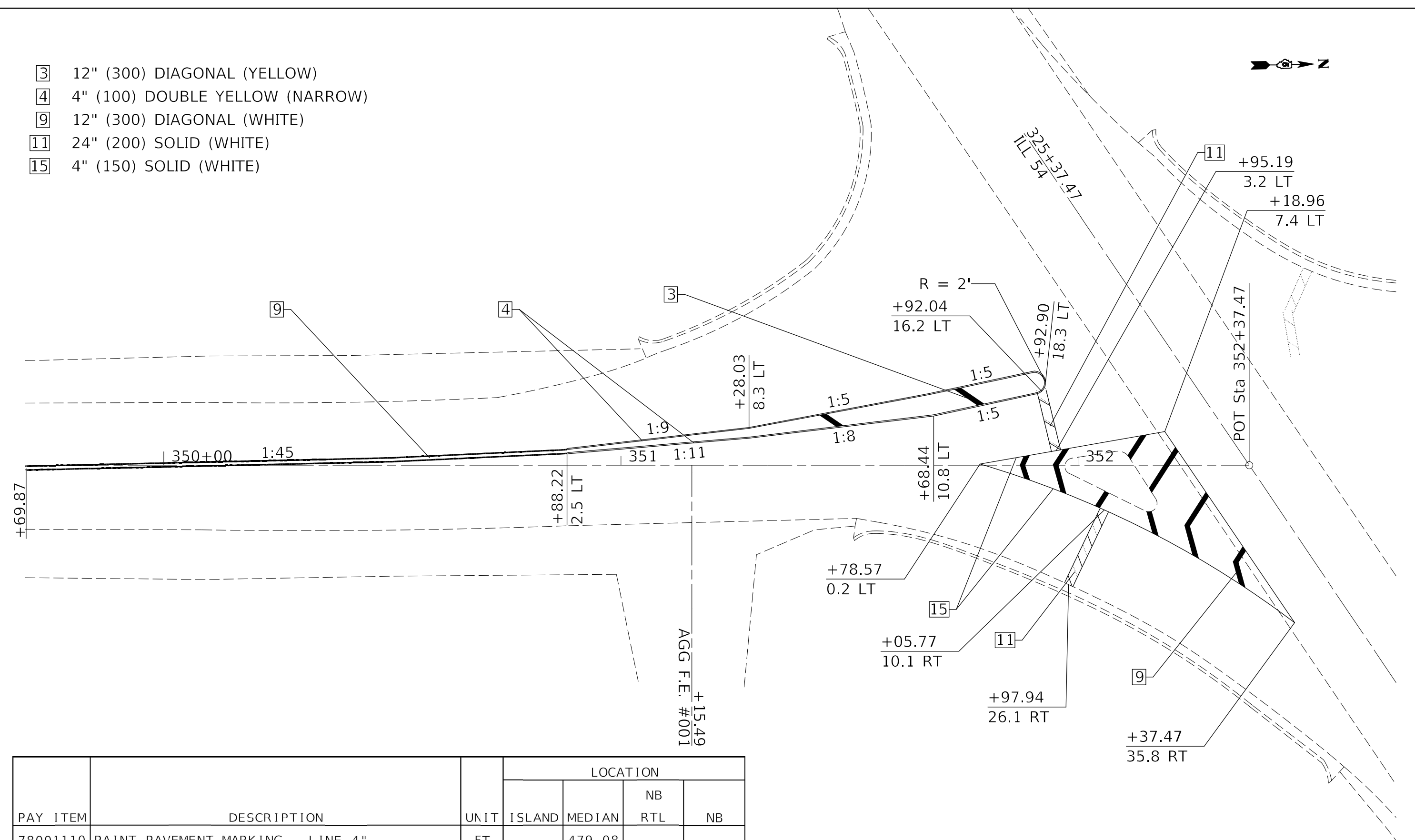
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILL 48 PLAN SHEETS
SCALE: 1"=50' SHEET 10 OF 10 SHEETS STA. 324+00.00 TO STA. 352+37.47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	24
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				



- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 9 12" (300) DIAGONAL (WHITE)
- 11 24" (200) SOLID (WHITE)
- 15 4" (150) SOLID (WHITE)



PAY ITEM	DESCRIPTION	UNIT	LOCATION			
			ISLAND	MEDIAN	NB RTL	NB
78001110	PAINT PAVEMENT MARKING - LINE 4"	FT		479.08		
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FT	169.00			
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FT	65.90	8.60		
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FT			18.10	13.89

USER NAME = PiersonTJ	DESIGNED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 1/20/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

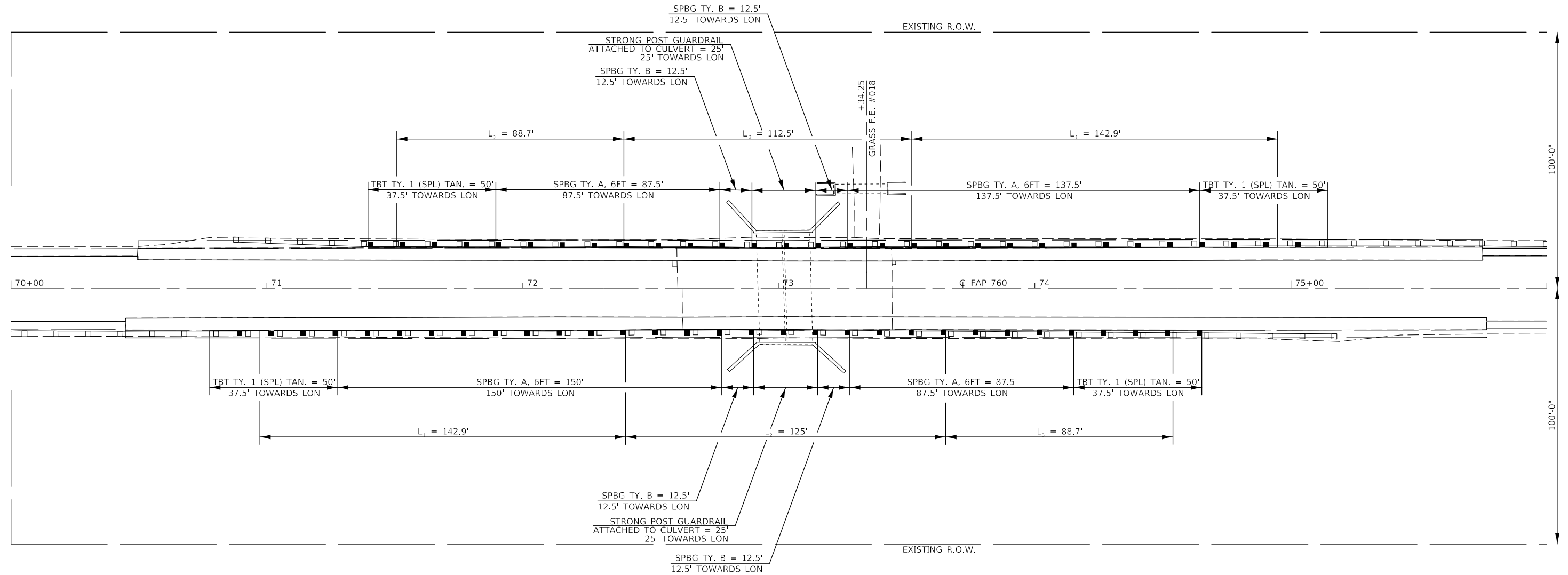
**ILL 54 & ILL 48
INTERSECTION STRIPING DETAIL**

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	25
CONTRACT NO. 70E83			ILLINOIS FED. AID PROJECT	

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SOUTHBOUND	
L _B (ft) =	5
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	10
L _R (ft) =	210
L ₂ (ft) =	112.5
L ₁ (ft) =	142.9
L ₃ (ft) =	88.7
LON =	344.1



NORTHBOUND	
L _B (ft) =	5
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	10
L _R (ft) =	210
L ₂ (ft) =	125
L ₁ (ft) =	142.9
L ₃ (ft) =	88.7
LON =	356.6

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PLOT DATE = 1/20/2021	DATE -	REVISED -

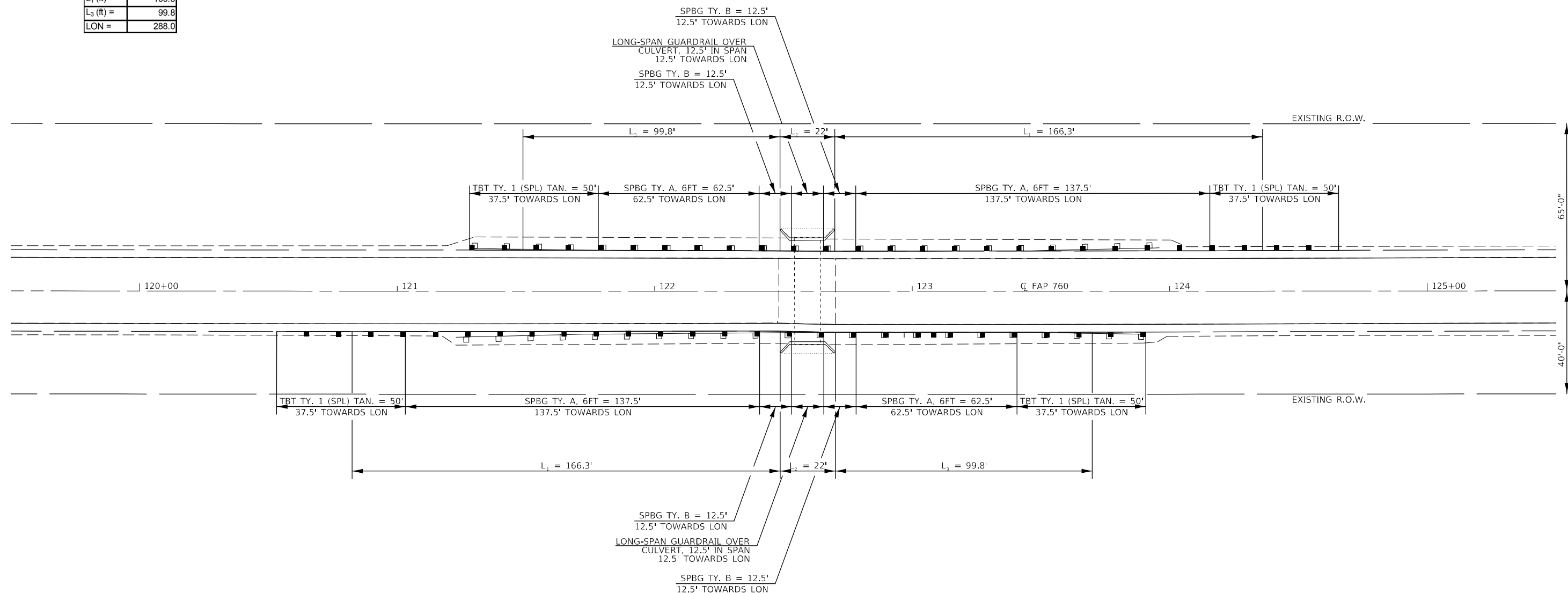
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

S.N. 020-2011			
GUARDRAIL DETAIL			
SCALE: 1" = 20'	SHEET 1	OF 1 SHEETS	STA. 70+00.00 TO STA. 76+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	26
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				



SOUTHBOUND	
L _B (ft) =	3
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	7
L _R (ft) =	210
L ₂ (ft) =	22
L ₁ (ft) =	166.3
L ₃ (ft) =	99.8
LON =	288.0



NORTHBOUND	
L _B (ft) =	3
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	7
L _R (ft) =	210
L ₂ (ft) =	22
L ₁ (ft) =	166.3
L ₃ (ft) =	99.8
LON =	288.0

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 FILE: NAME.dwg
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 OFFICE: \\OFFICE\NAME\DWG\PROJECT\NAME.dwg
 CONTRACT: 70E83
 SHEET: 47 OF 27

USER NAME = PiersonTJ	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 1/20/2021	CHECKED -	REVISED -
	DATE -	REVISED -

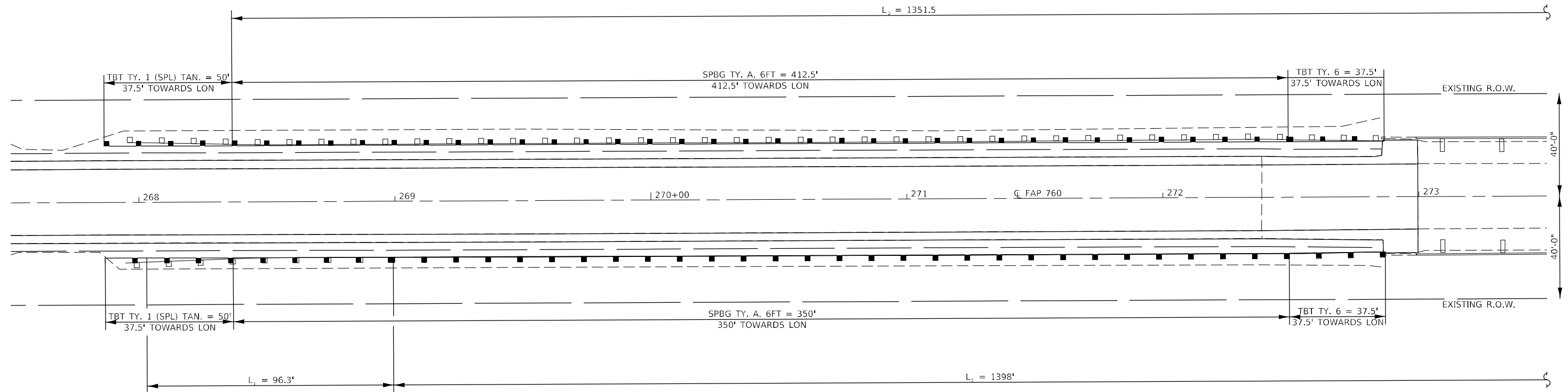
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**S.N. 020-8045
GUARDRAIL DETAIL**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 119+50.00 TO STA. 125+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	27
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

SOUTHBOUND	
L _B (ft) =	9
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	10
L _R (ft) =	210
L ₂ (ft) =	1351.5
L ₁ (ft) =	96.3
L ₃ (ft) =	0.0
LON =	1447.8



NORTHBOUND	
L _B (ft) =	9
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	10
L _R (ft) =	210
L ₂ (ft) =	1398
L ₁ (ft) =	96.3
L ₃ (ft) =	0.0
LON =	1494.3

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 OFFICE: \\path\to\office\name
 DATE: 1/20/2021

USER NAME = PiersonTJ	DESIGNED -	REVISED -
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PLOT DATE = 1/20/2021	CHECKED -	REVISED -
	DATE -	REVISED -

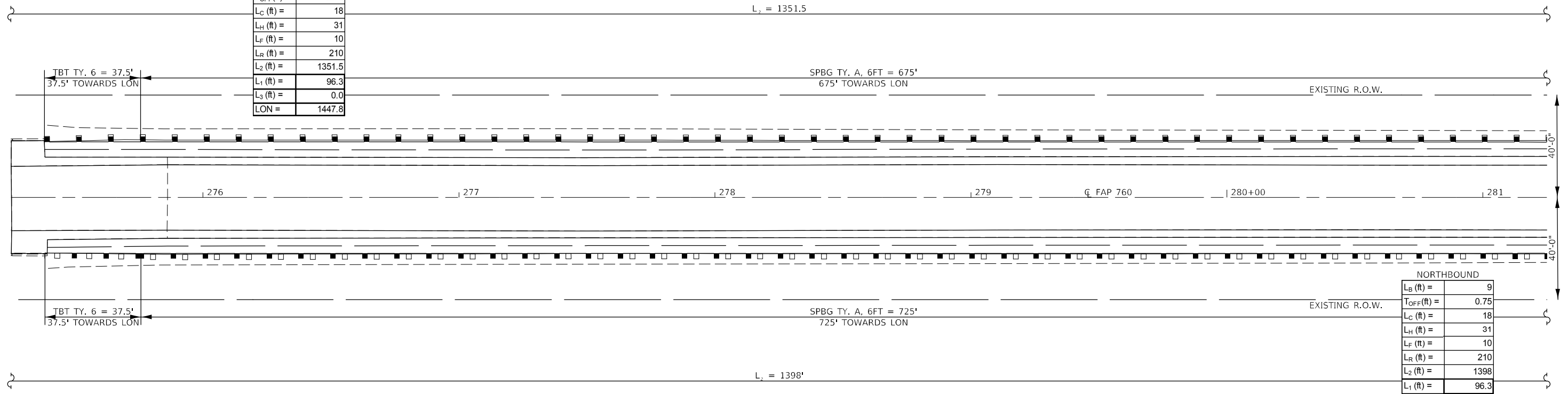
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

S.N. 020-0045 SOUTHERN APPROACH			
GUARDRAIL DETAIL			
SCALE: 1" = 20'	SHEET 1	OF 2 SHEETS	STA. 267+50.00 TO STA. 273+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	28
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

SOUTHBOUND

L _B (ft) =	9
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	10
L _R (ft) =	210
L ₂ (ft) =	1351.5
L ₁ (ft) =	96.3
L ₃ (ft) =	0.0
LON =	1447.8

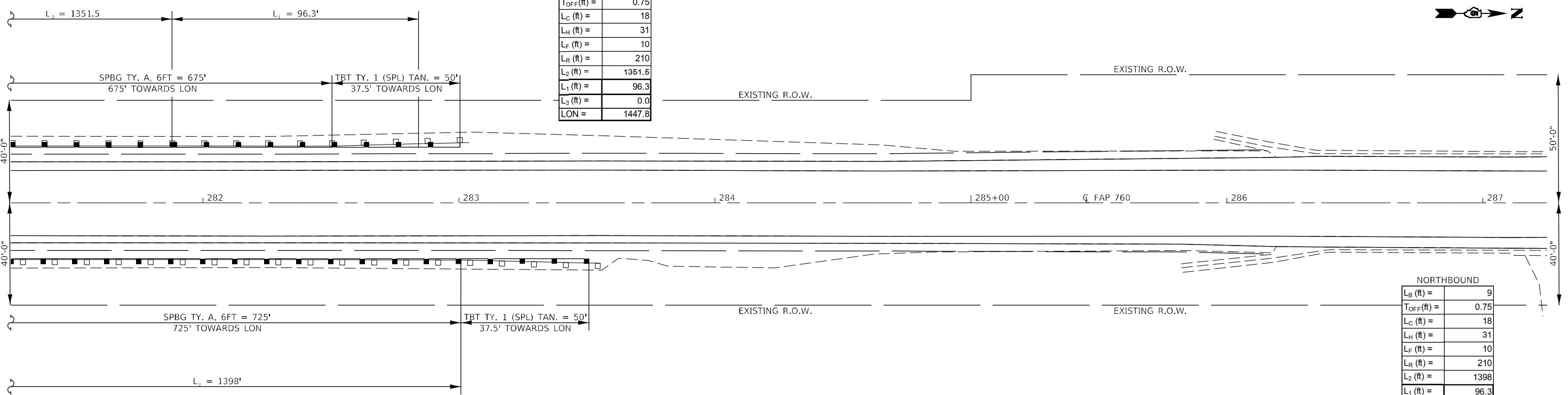


NORTHBOUND

L _B (ft) =	9
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	10
L _R (ft) =	210
L ₂ (ft) =	1398
L ₁ (ft) =	96.3
L ₃ (ft) =	0.0
LON =	1494.3

SOUTHBOUND

L _B (ft) =	9
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	10
L _R (ft) =	210
L ₂ (ft) =	1351.5
L ₁ (ft) =	96.3
L ₃ (ft) =	0.0
LON =	1447.8



NORTHBOUND

L _B (ft) =	9
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	10
L _R (ft) =	210
L ₂ (ft) =	1398
L ₁ (ft) =	96.3
L ₃ (ft) =	0.0
LON =	1494.3

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 OFFICE: \\OFFICE\NAME
 DATE: 1/20/2021

USER NAME = PiersonTJ	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = 1/20/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

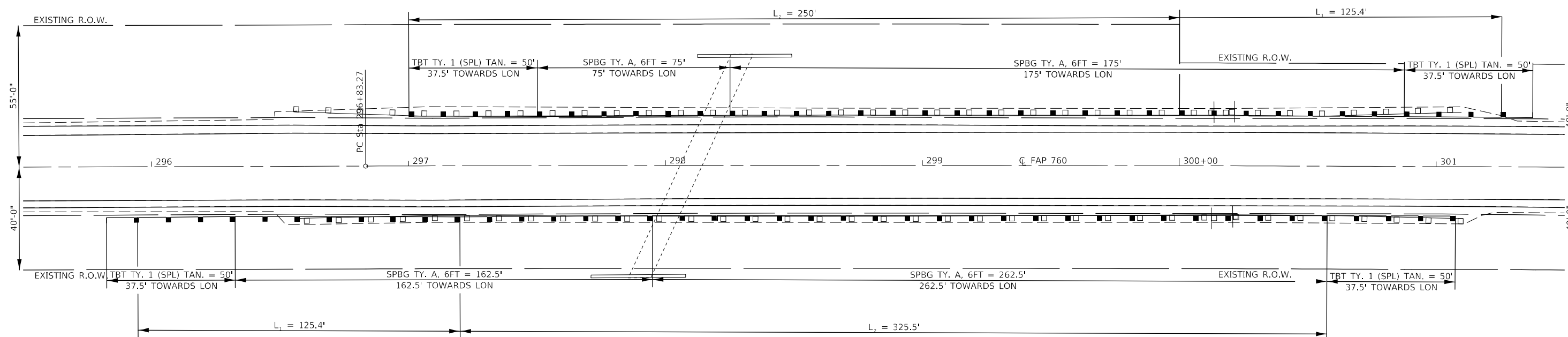
**S.N. 020-0045 NORTHERN APPROACH
GUARDRAIL DETAIL**

SCALE: 1" = 20' SHEET 2 OF 2 SHEETS STA. 275+25.00 TO STA. 287+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT		
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

SOUTHBOUND

L _B (ft) =	6.5
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	9
L _R (ft) =	210
L ₂ (ft) =	250
L ₁ (ft) =	125.4
L ₃ (ft) =	0.0
LON =	375.4



NORTHBOUND

L _B (ft) =	6.5
T _{OFF} (ft) =	0.75
L _C (ft) =	18
L _H (ft) =	31
L _F (ft) =	9
L _R (ft) =	210
L ₂ (ft) =	325.5
L ₁ (ft) =	125.4
L ₃ (ft) =	0.0
LON =	450.9

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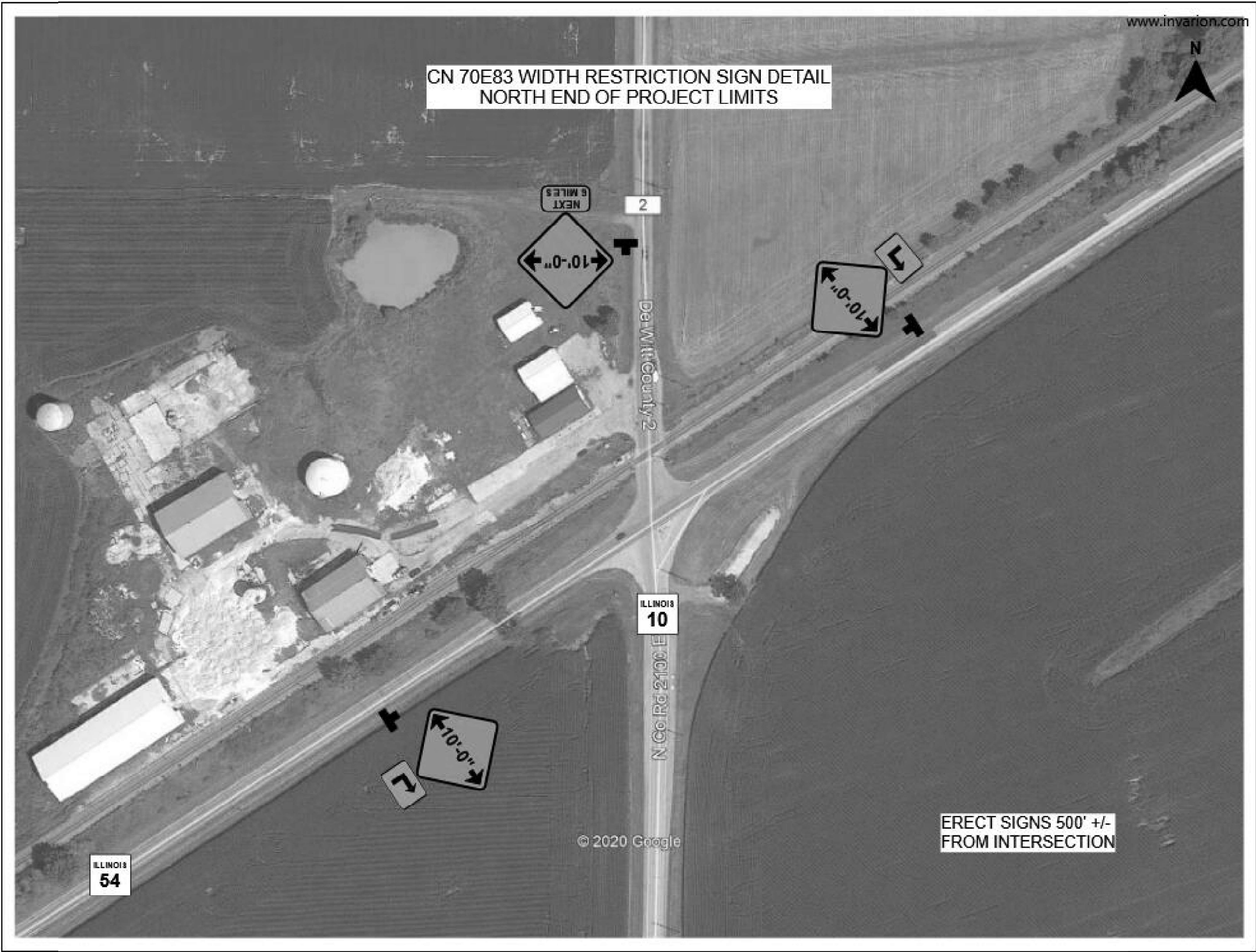
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PLOT DATE =	1/20/2021	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**S.N. 020-8032
GUARDRAIL DETAIL**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. 295+50.00 TO STA. 301+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	30
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70E83	



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	DRAWN -	REVISED -
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PLOT DATE = 1/20/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	31
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				



CN 70E83 WIDTH RESTRICTION SIGN DETAIL
SOUTH END OF PROJECT LIMITS



MODEL: \\MODEL\MAPS
FILE NAME: \\pub\invarion.com\dot\illinois\dot\Documents\IDOT_Offices\District 5\Projects\0570E83\CADDData\CAD\Projects\0570E83-410-Detail\Width Restriction_Map.dgn

USER NAME = PiersonTJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

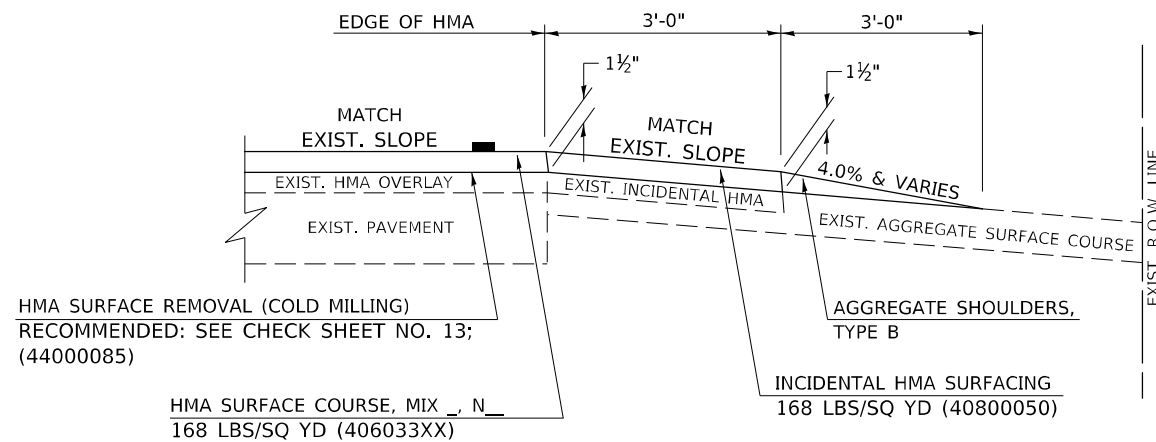
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WIDTH RESTRICTION MAP DETAIL
SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

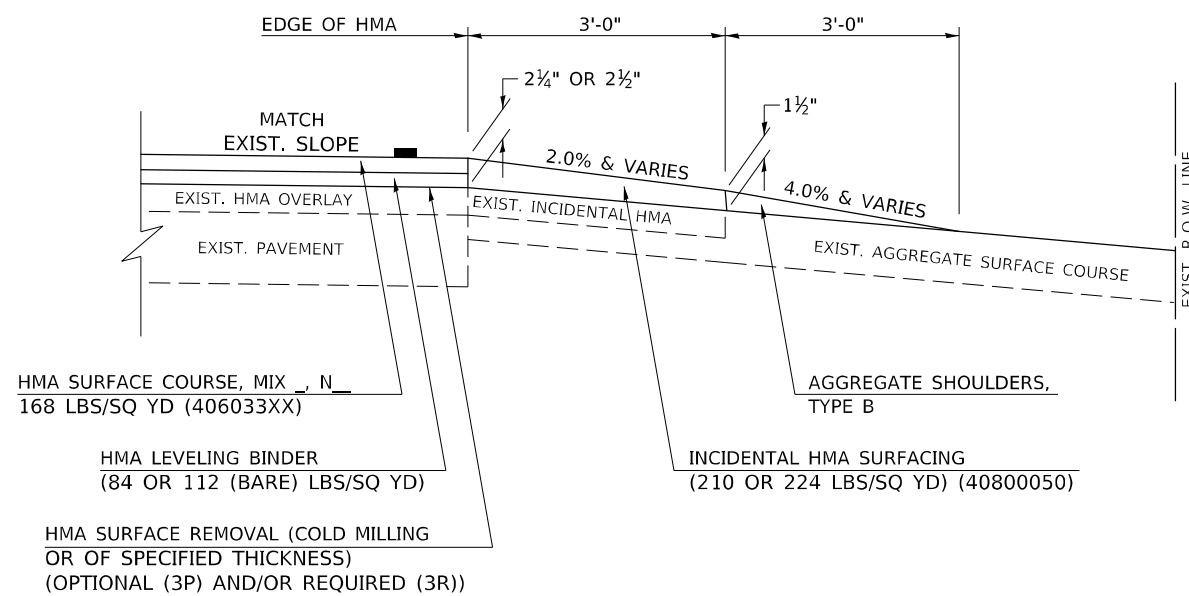
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	32
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

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

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

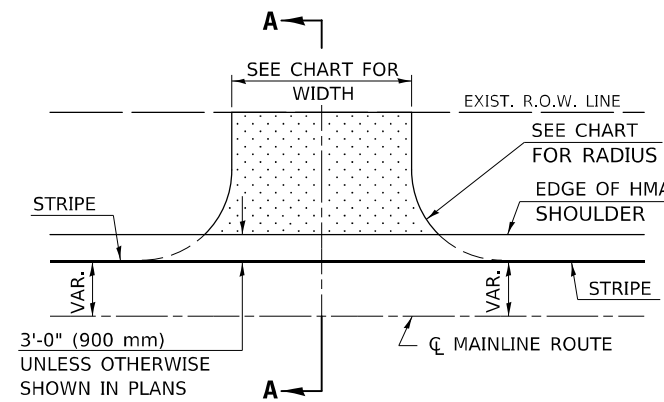


"3P" OR "3R" IMPROVEMENTS
 (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



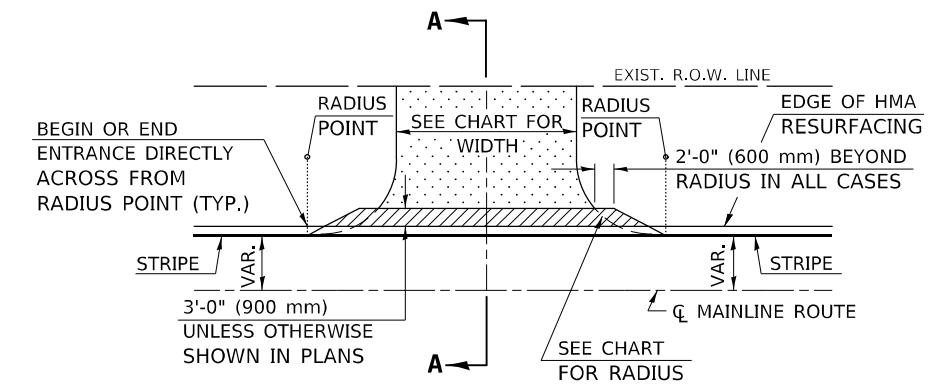
PROJECTS WITH RECONSTRUCTION
 ("3R" IMPROVEMENTS AND SMART/3P "SPOT" LOCATIONS)

ADJACENT TO PROPOSED HMA SHOULDERS
 (AGGREGATE OR EARTH ENTRANCE)

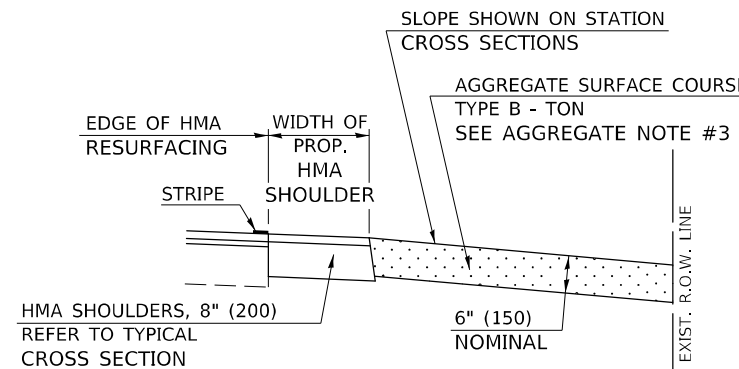


TYPICAL APPLICATION

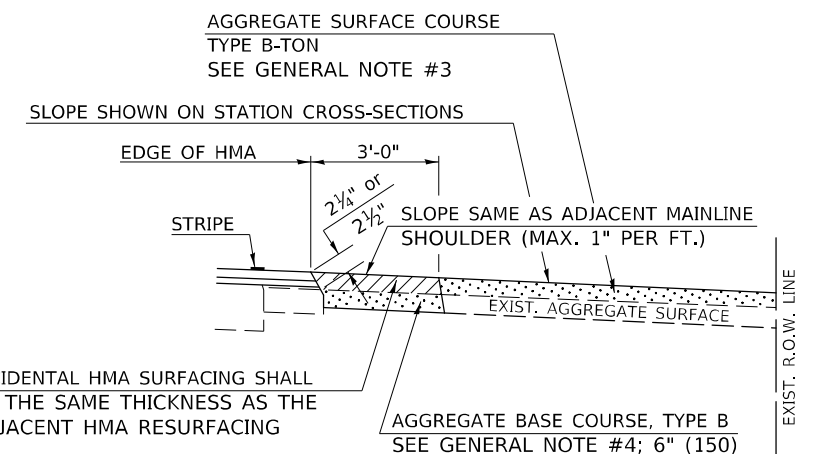
EXISTING AGGREGATE OR EARTH ENTRANCE



TYPICAL APPLICATION



SECTION A-A



SECTION A-A

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

MODEL: I:\MODEL\NAMES FILE NAME: P:\pub\hmm\mtda\dot\illinois\gov\p\w\dot\Documents\IBDOT_Office\Detail\5-District_5_Detail.dgn

USER NAME = PiersonTJ	DESIGNED -	REVISED - 12/06 TJB
	DRAWN -	REVISED - 09/07 KAG
PLOT SCALE = 40.0000 * / in.	CHECKED -	REVISED - 04/08 KJT
PLOT DATE = 1/20/2021	DATE -	REVISED - 3/16/17 SWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIELD ENTRANCES (NONCOMMERCIAL RURAL)

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 4080050A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	33
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

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

USER NAME = PlersonTJ	DESIGNED -	REVISED - 12/06 TJB
	DRAWN -	REVISED - 09/07 KAG
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/08 KJT
PLOT DATE = 1/20/2021	DATE -	REVISED - 3/16/17 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIELD ENTRANCES (NONCOMMERCIAL RURAL)

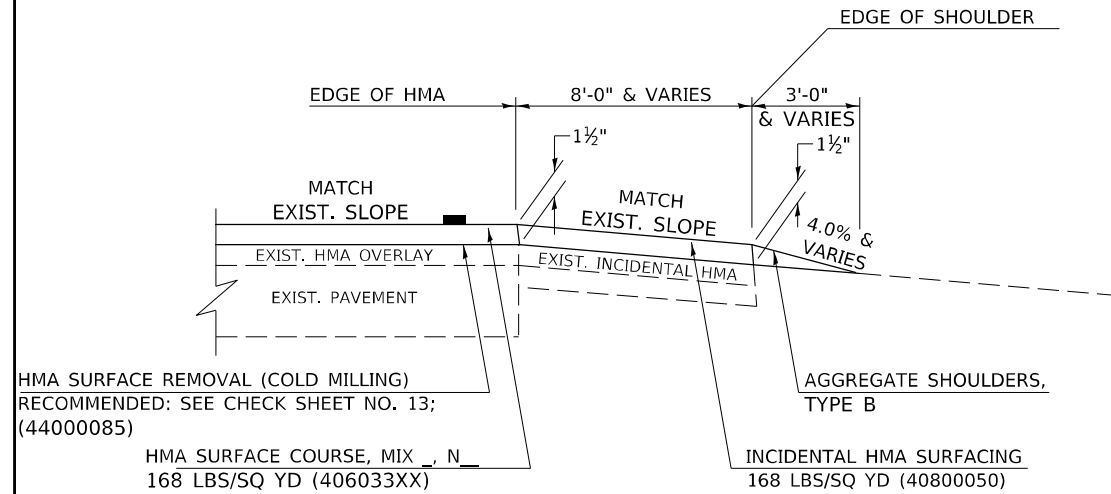
SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	34
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

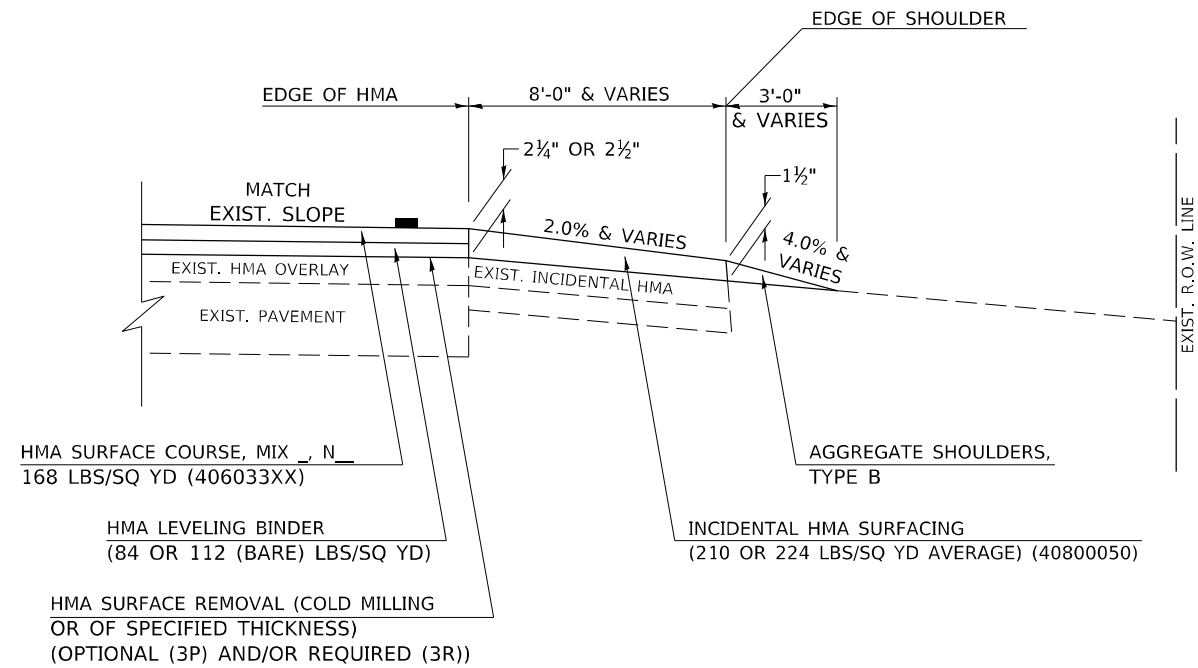
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 5 - Details.dgn

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)

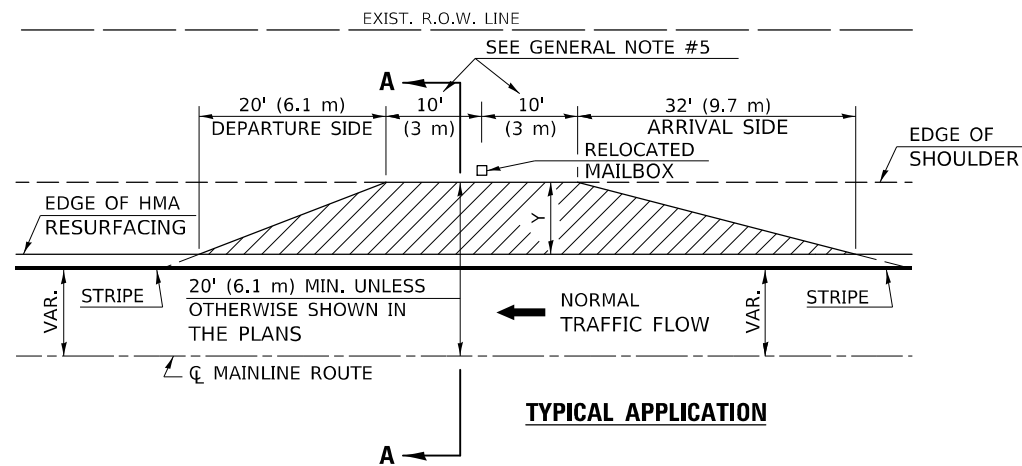


GENERAL NOTES

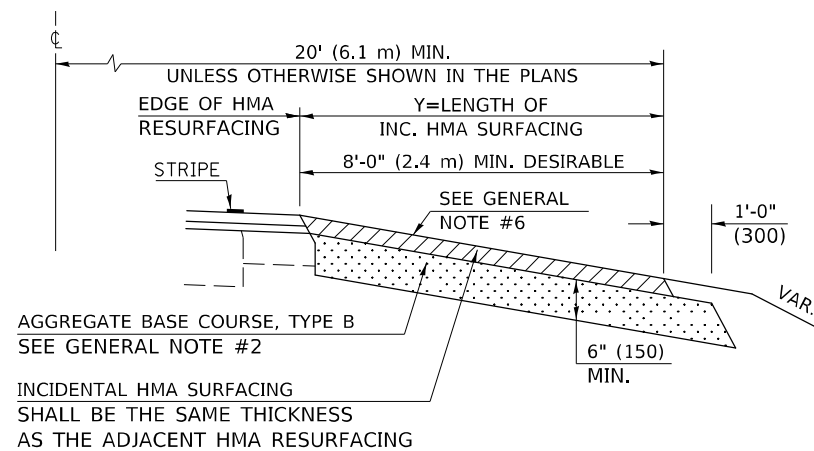
1. THE EXISTING SURFACE SHALL BE PREPARED IN ACCORDANCE WITH SECTION 408 OF THE STANDARD SPECIFICATIONS.
2. AGGREGATE BASE COURSE, TYPE B, 6" (150) MIN. SHALL BE USED WHERE IN THE OPINION OF THE ENGINEER THERE IS NOT SUFFICIENT BASE MATERIAL FOR THE PROPOSED MAILBOX TURNOUTS. THIS MATERIAL SHALL GENERALLY 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)

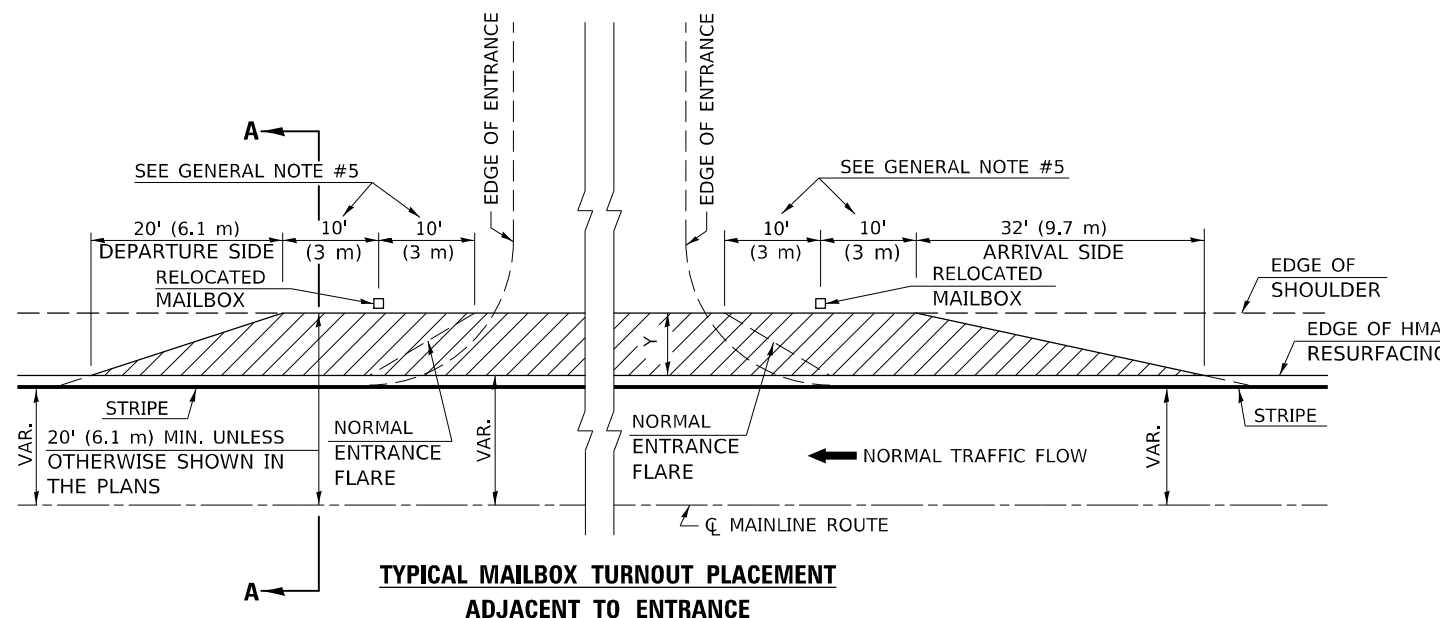
WIDTH OF SHOULDER	4'-0" - 8'-0" (1.2 m - 2.4 m)	10'-0" (3.0 m)
WIDTH OF TURNOUT "Y"	8'-0" (2.4 m)	8'-0" - 10'-0" (2.4 m - 3.0 m)



TYPICAL APPLICATION



SECTION A-A



TYPICAL MAILBOX TURNOUT PLACEMENT
ADJACENT TO ENTRANCE

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

DISTRICT 5 DETAIL NO. 40800050B

USER NAME = PiersonTJ	DESIGNED -	REVISED - 12/06 TJB
	DRAWN -	REVISED - 09/07 KAG
PLOT SCALE = 40,0000 "/in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAILBOX TURNOUT (RURAL)

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

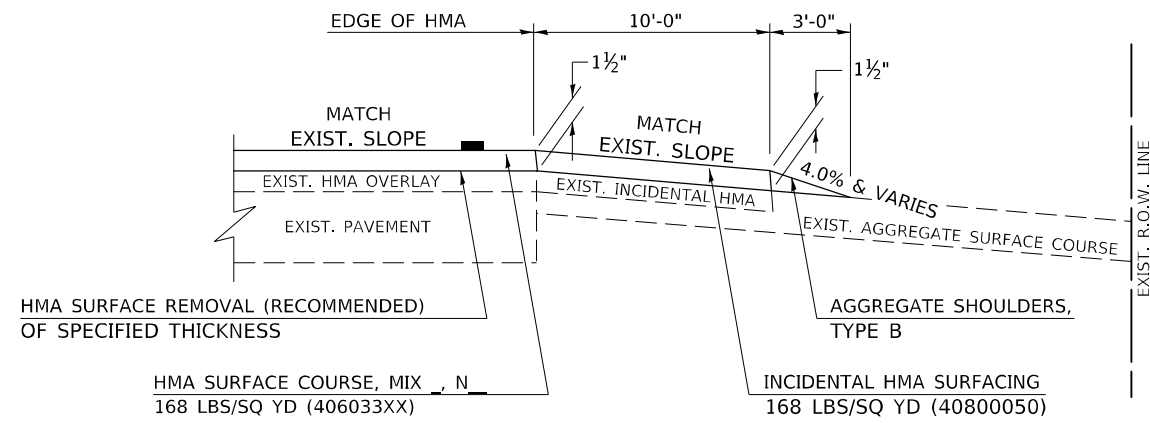
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	35
CONTRACT NO. 70E83				

ILLINOIS FED. AID PROJECT

MODEL: I:\MODEL\NAMES FILE NAME: P:\pub\mtdm\mtdm.dwg P:\pub\mtdm\DOT\Office\District 5\Projects\0570E83\CADDData\CAD\Sheet\0570E83.dwg Details.dgn

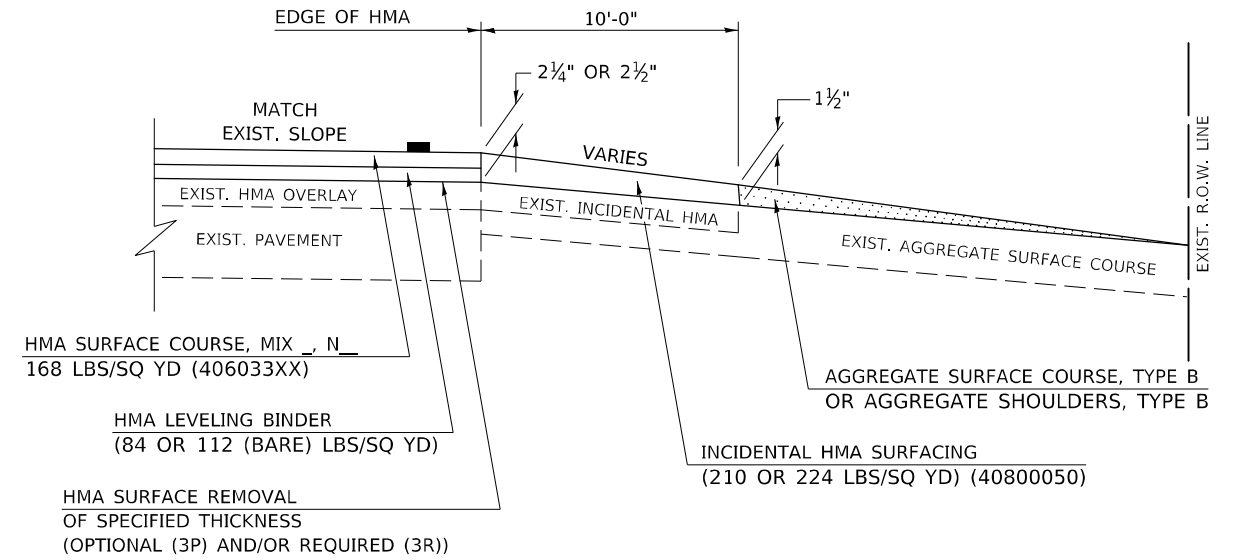
PROJECTS WITHOUT RECONSTRUCTION

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

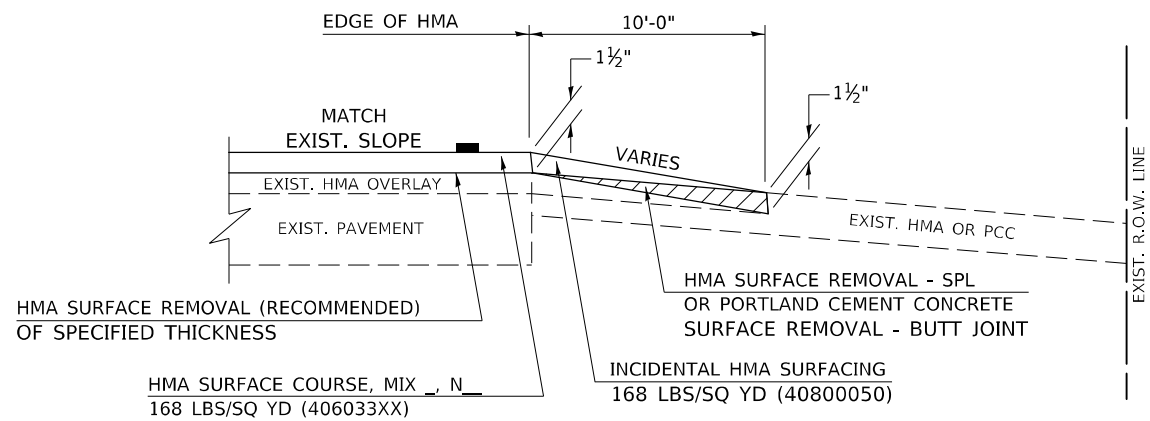


EXISTING AGGREGATE ENTRANCE

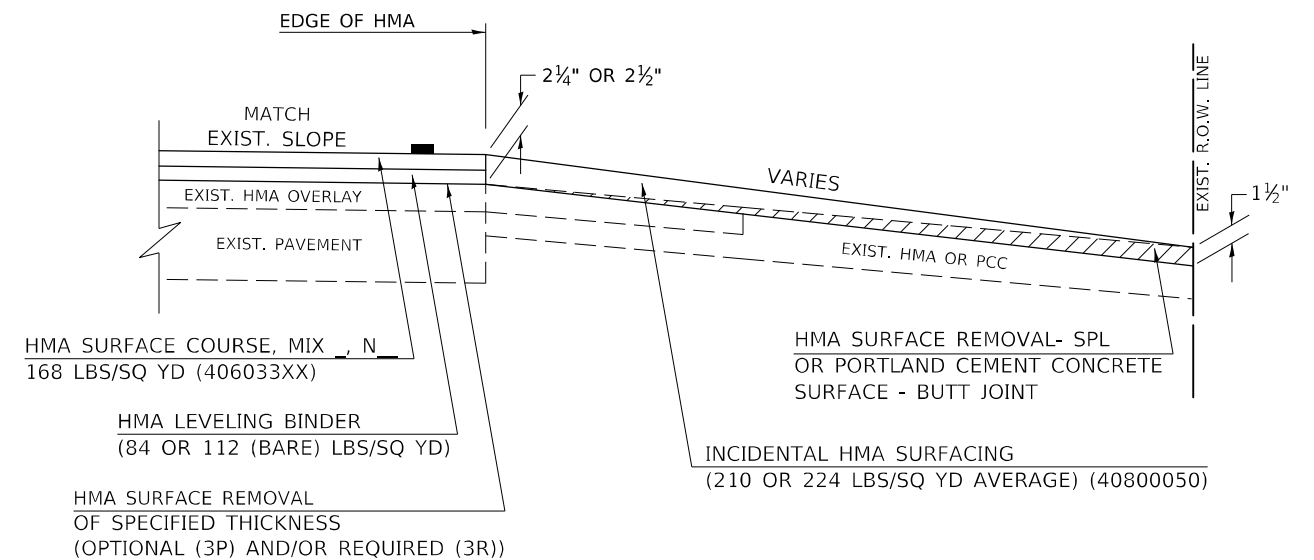
"3P" OR "3R" IMPROVEMENTS (POLICY RESURFACING; BDE 53-4.02; 2¼" OR 2½" ON BARE CONCRETE)



EXISTING AGGREGATE ENTRANCE



EXISTING HMA OR PCC ENTRANCE



EXISTING HMA OR PCC ENTRANCE

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

MODEL: \\MODEL\MHFS FILE NAME: P:\pub\hmon\m.dwt\illinois.gov\PIWIDOT\Documents\IDOT_Offices\District_5\Projects\0570E83\CADDData\CAD\Sheet\0570E83_rht-detail-01.rvt 5_Details.dgn

USER NAME = PiersonTJ	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 1/20/2021	DATE -	REVISED - 3/6/17 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)**

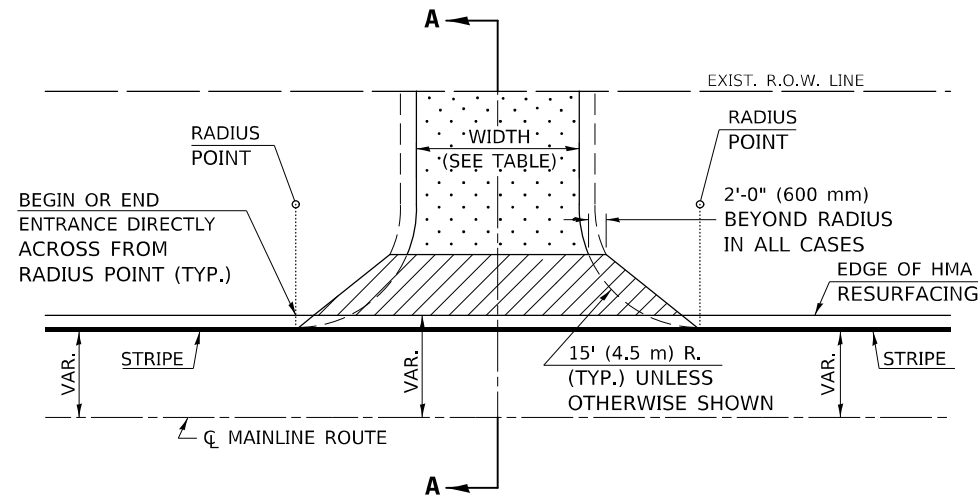
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DISTRICT 5 DETAIL NO. 4080050C

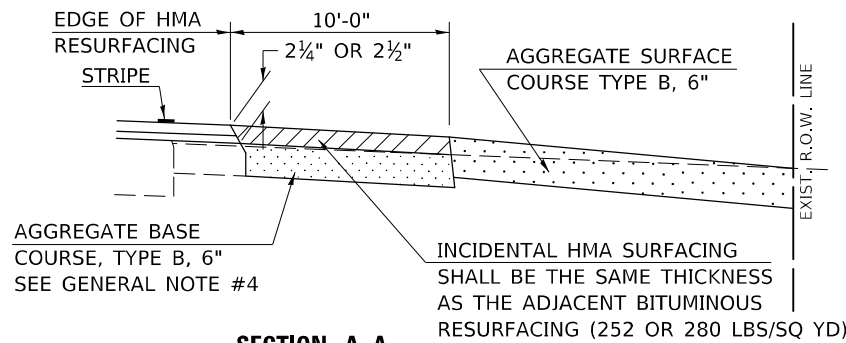
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	36
CONTRACT NO. 70E83			ILLINOIS FED. AID PROJECT	

PROJECTS WITH RECONSTRUCTION

AGGREGATE ENTRANCE (3R IMPROVEMENTS)

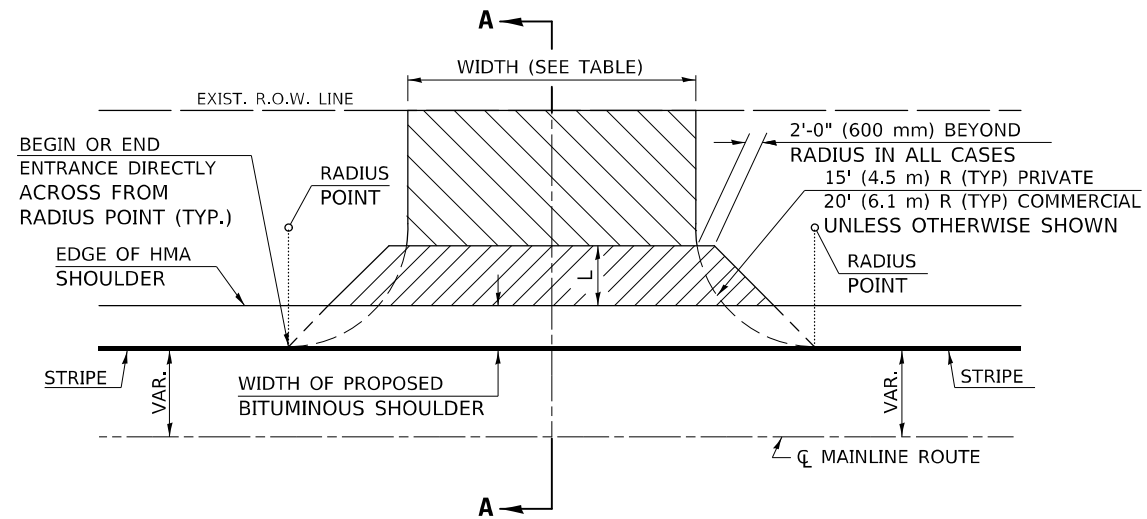


TYPICAL APPLICATION

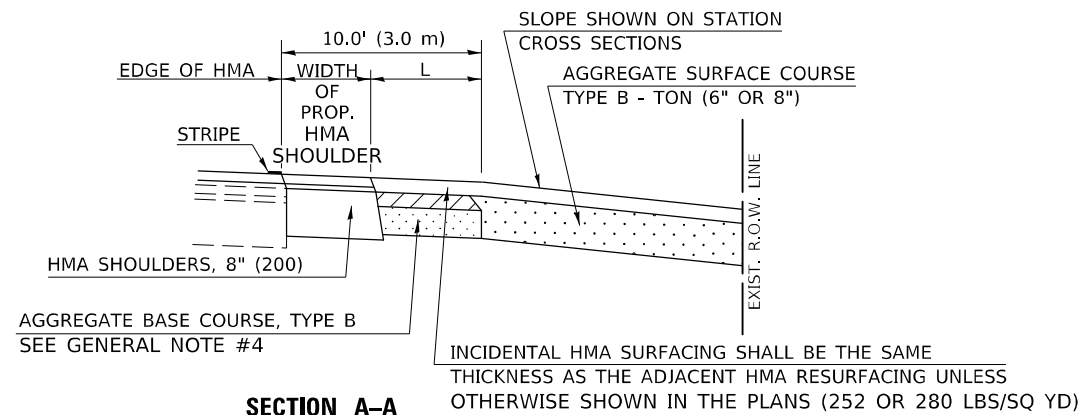


SECTION A-A

HMA OR PCC ENTRANCE



TYPICAL APPLICATION



SECTION A-A
"HMA EXAMPLE"

GENERAL NOTES

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

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

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

RURAL ENTRANCE DESIGN STANDARDS (PPM 40-09)

DESIGN ELEMENT	NEW CONSTRUCTION & 3R with CONSTRUCTION						3R w/out RECONSTRUCTION, 3P, SMART & CM							
	NONCOMMERCIAL			COMMERCIAL			NONCOMMERCIAL			COMMERCIAL				
	PRIVATE & FIELD	FIELD W/FARM IMPLEMENTS		PRIVATE & FIELD	FIELD W/FARM IMPLEMENTS		PRIVATE & FIELD	FIELD W/FARM IMPLEMENTS		PRIVATE & FIELD	FIELD W/FARM IMPLEMENTS			
	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	30	2 LANE, 2 WAY			2 LANE, 2 WAY			2 LANE, 2 WAY		
						24	30	35						
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)	1:10	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 = PiersonTJ	DESIGNED -	REVISED - 09/07 KAG
	DRAWN -	REVISED - 05/08 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/10 KJT
PLOT DATE = 1/20/2021	DATE -	REVISED - 3/6/17 SWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

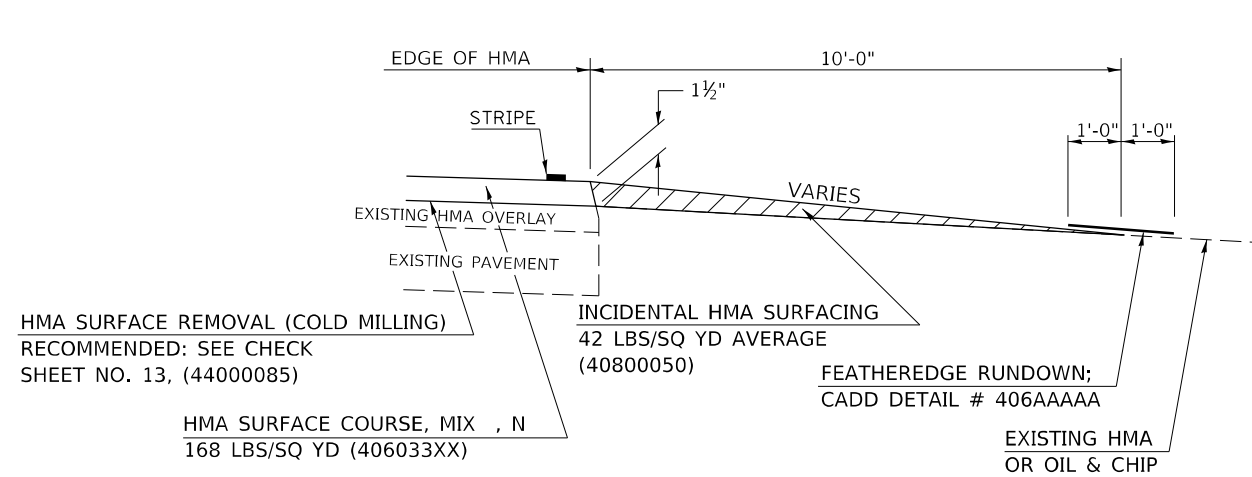
PRIVATE COMMERCIAL ENTRANCES
(NONCOMMERCIAL AND COMMERCIAL RURAL)

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

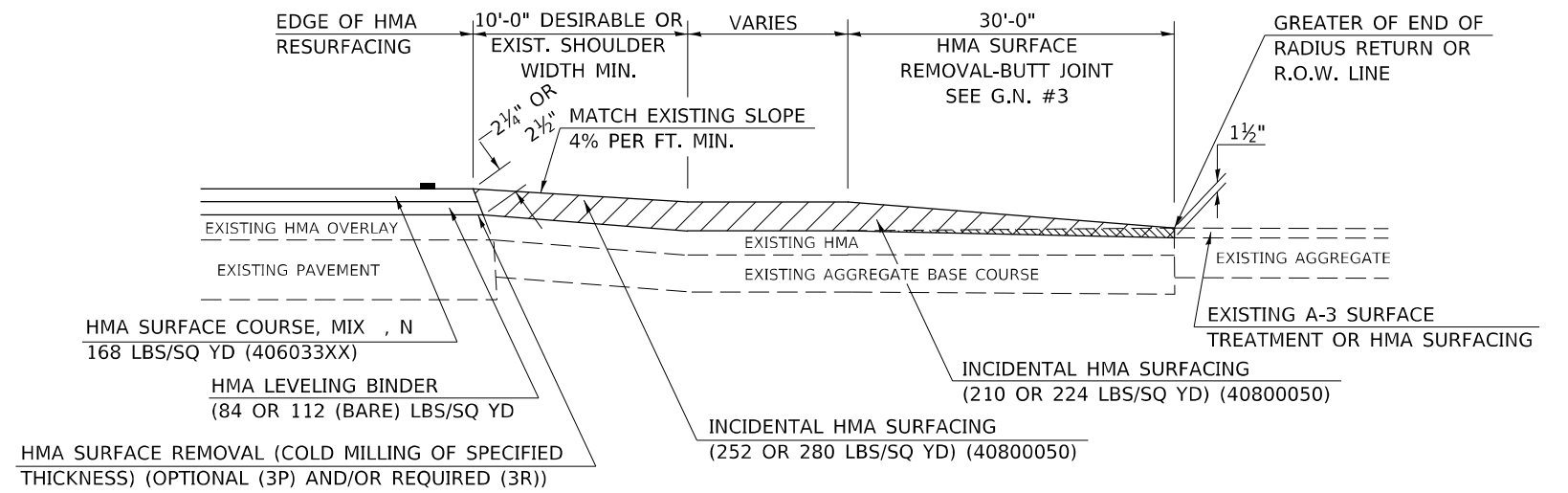
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	37
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

PROJECTS WITHOUT RECONSTRUCTION

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



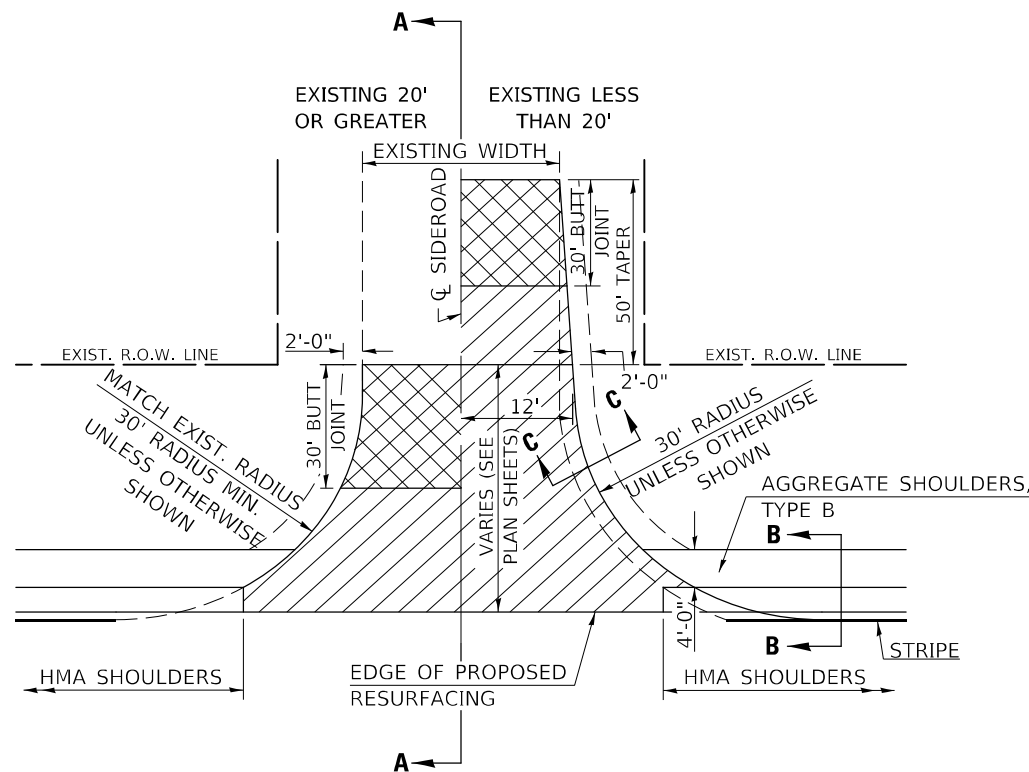
"3P" OR "3R" IMPROVEMENTS



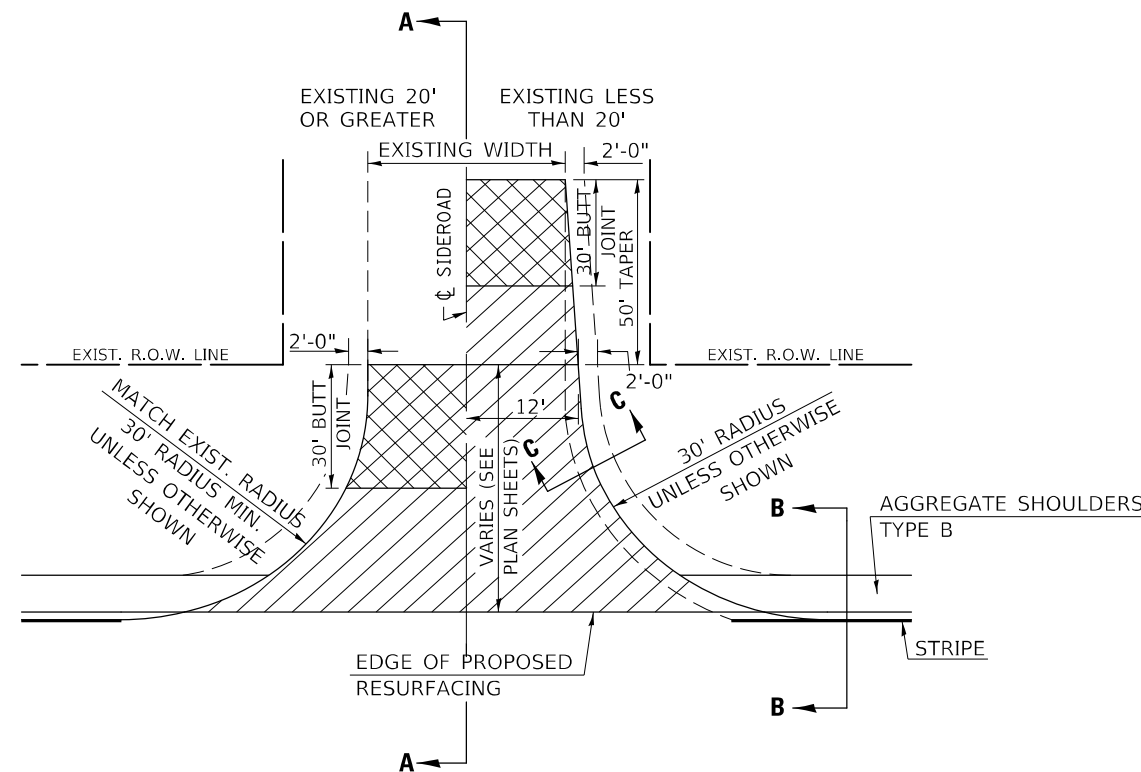
PROJECTS WITH RECONSTRUCTION

WITH HMA SHOULDER

("3R" IMPROVEMENTS)



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 = PiersonTJ	DESIGNED -	REVISOR -	12/06 TJB
	DRAWN -	REVISOR -	09/07 KAG
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISOR -	12/09 KJT
PLOT DATE = 1/20/2021	DATE -	REVISOR -	

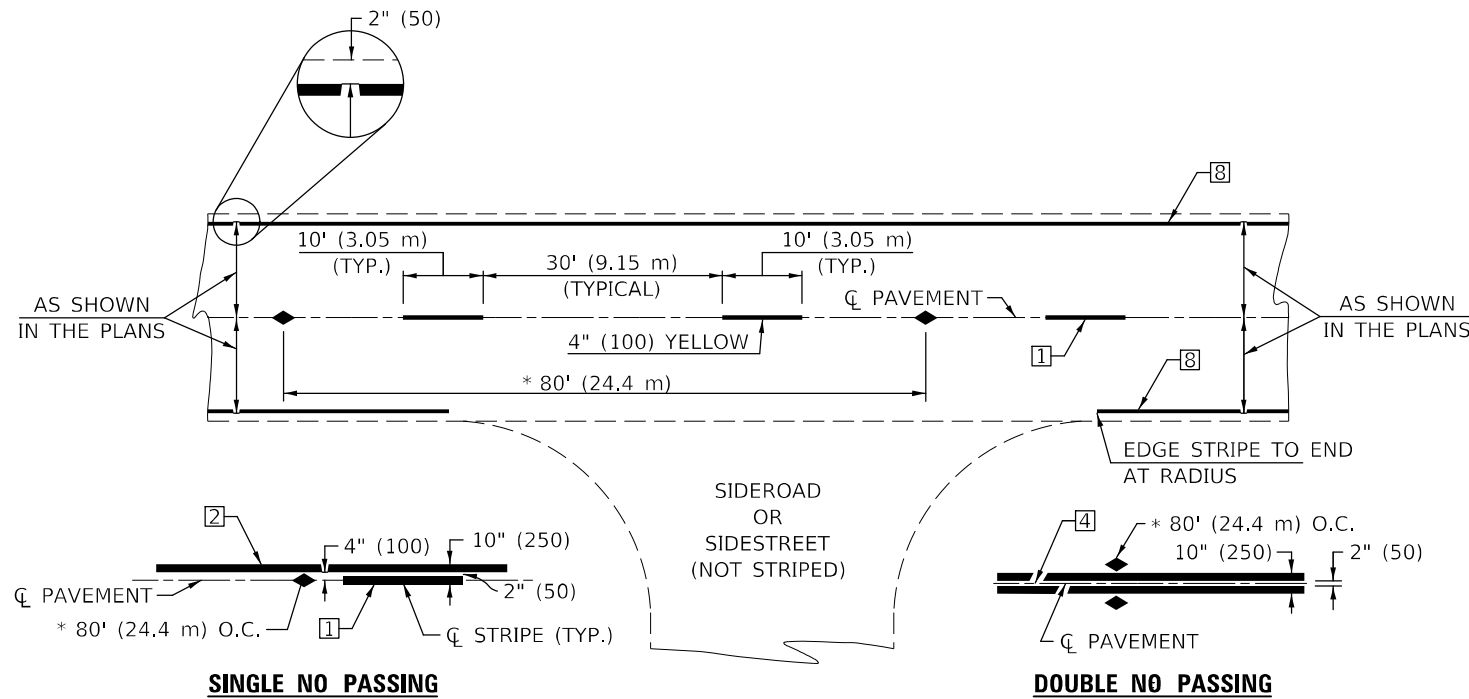
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEROAD & SIDESTREETS (RURAL)

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	38
CONTRACT NO. 70E83				
ILLINOIS		FED. AID PROJECT		

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

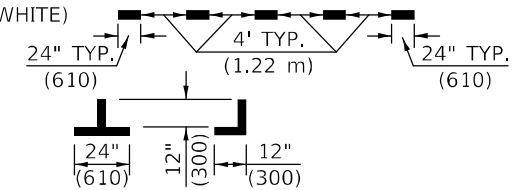
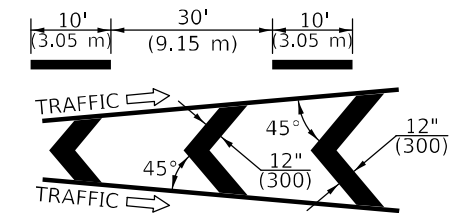
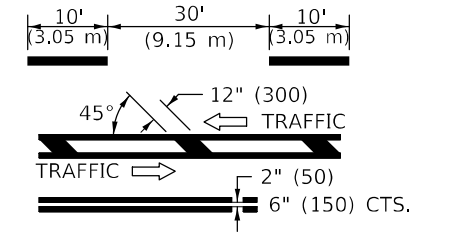
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

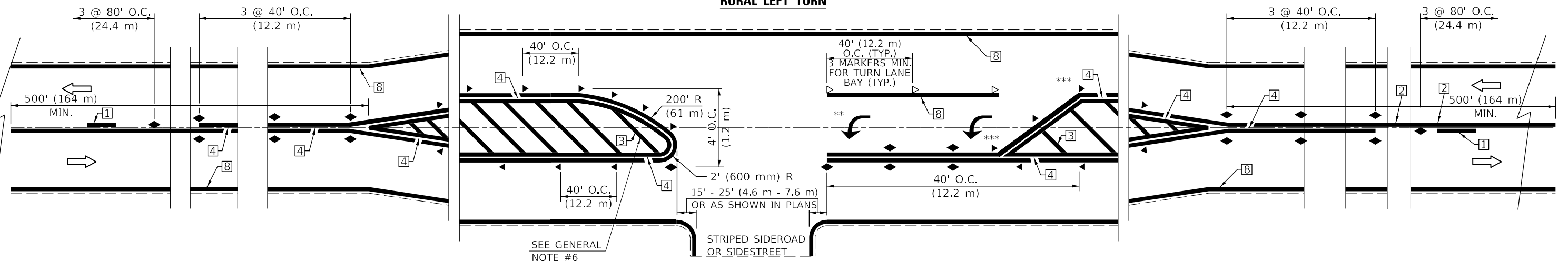
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)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

MODEL: I:\MODEL\MMF5 FILE NAME: P:\pub\m5000.mxd DATE: 11/20/2021 PROJECT: I:\PROJECTS\70E83\CADD\DATA\CAD\PROJECTS\70E83_rht-detailed-05.rvt 5 - Details.dgn

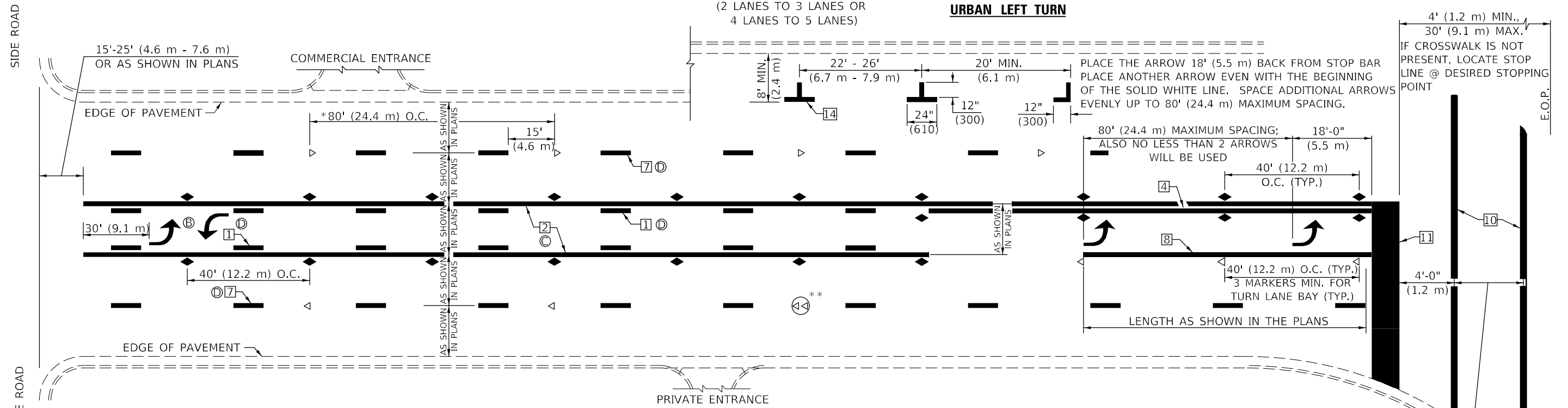
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	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 1/20/2021	DATE -	REVISED - 3/2019 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

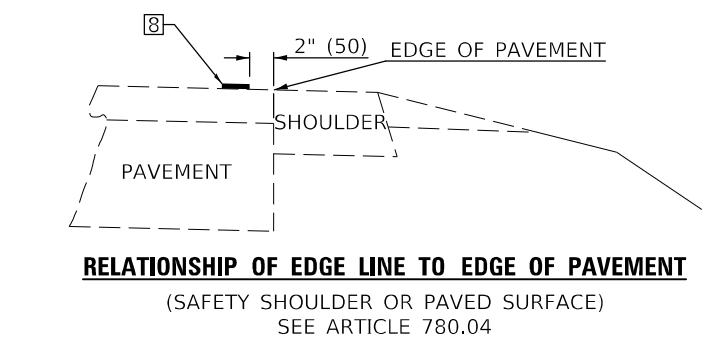
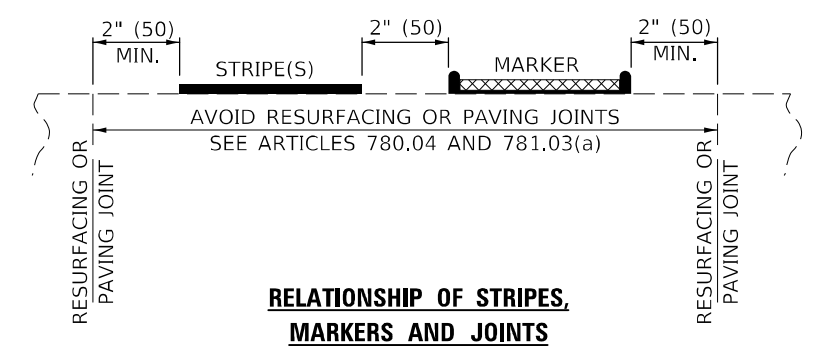
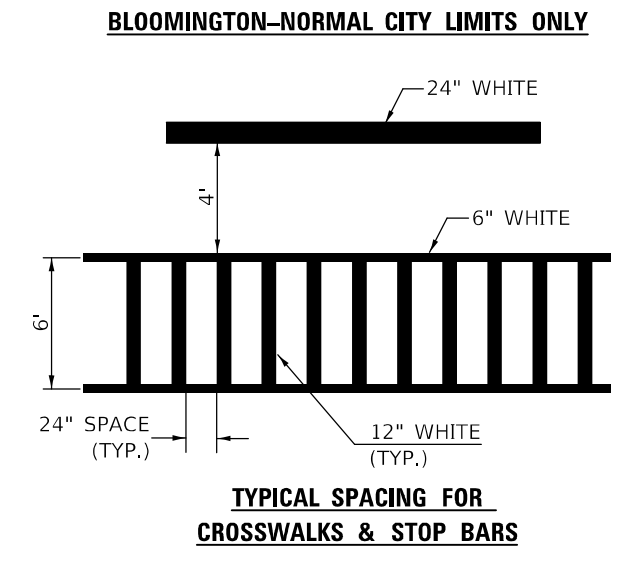
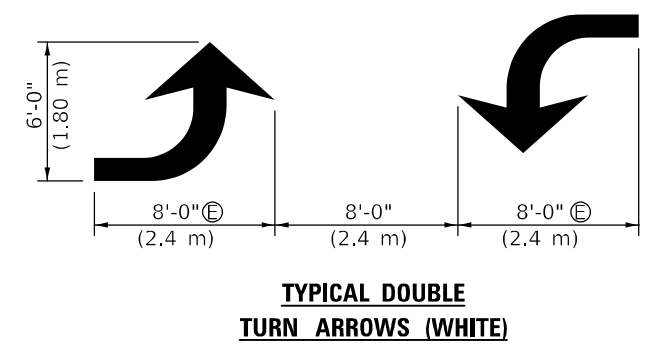
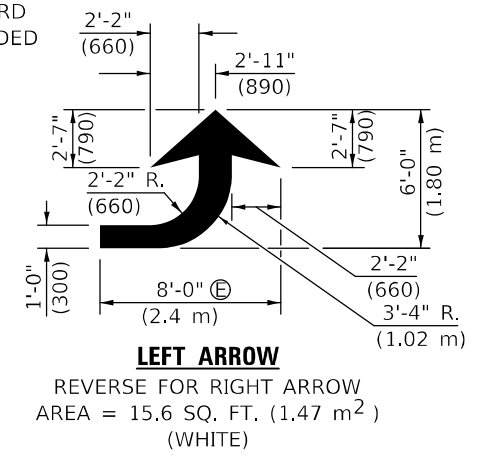
SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	40
			CONTRACT NO. 70E83	
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.

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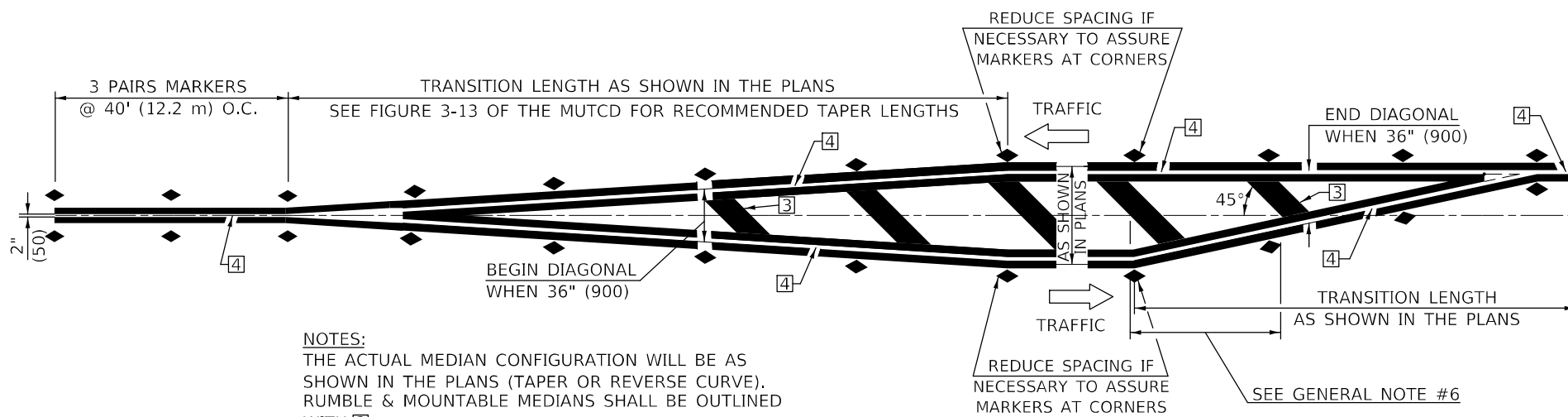
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PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 1/20/2021	DATE -	REVISED - 3/2019 SWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. _____ TO STA. _____

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	41
			CONTRACT NO. 70E83	
			ILLINOIS FED. AID PROJECT	

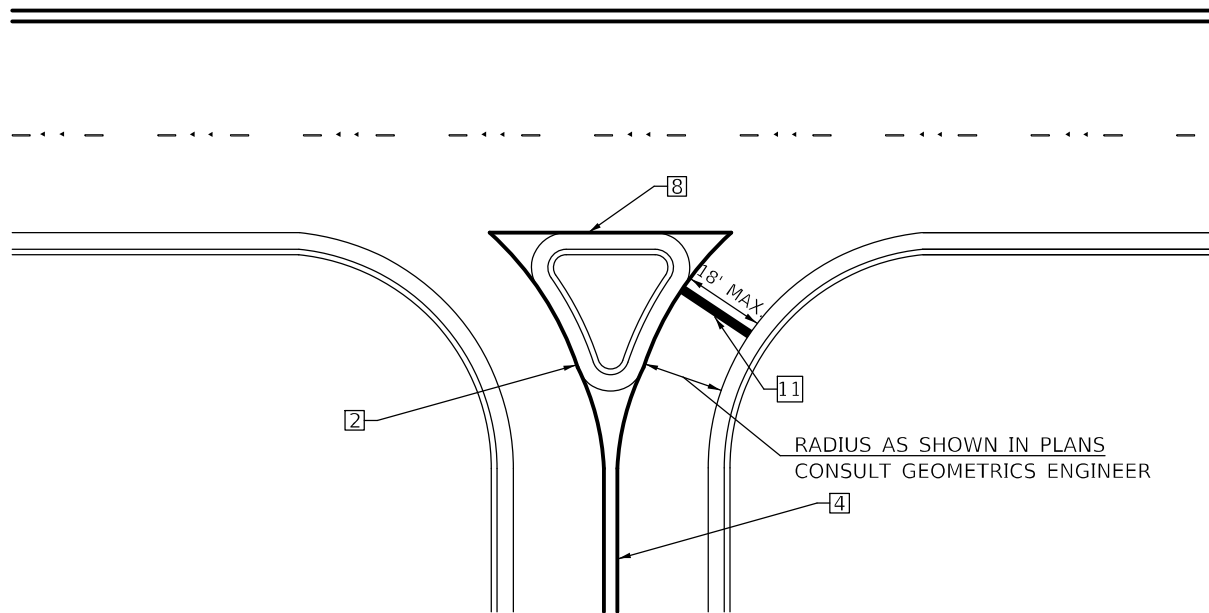


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

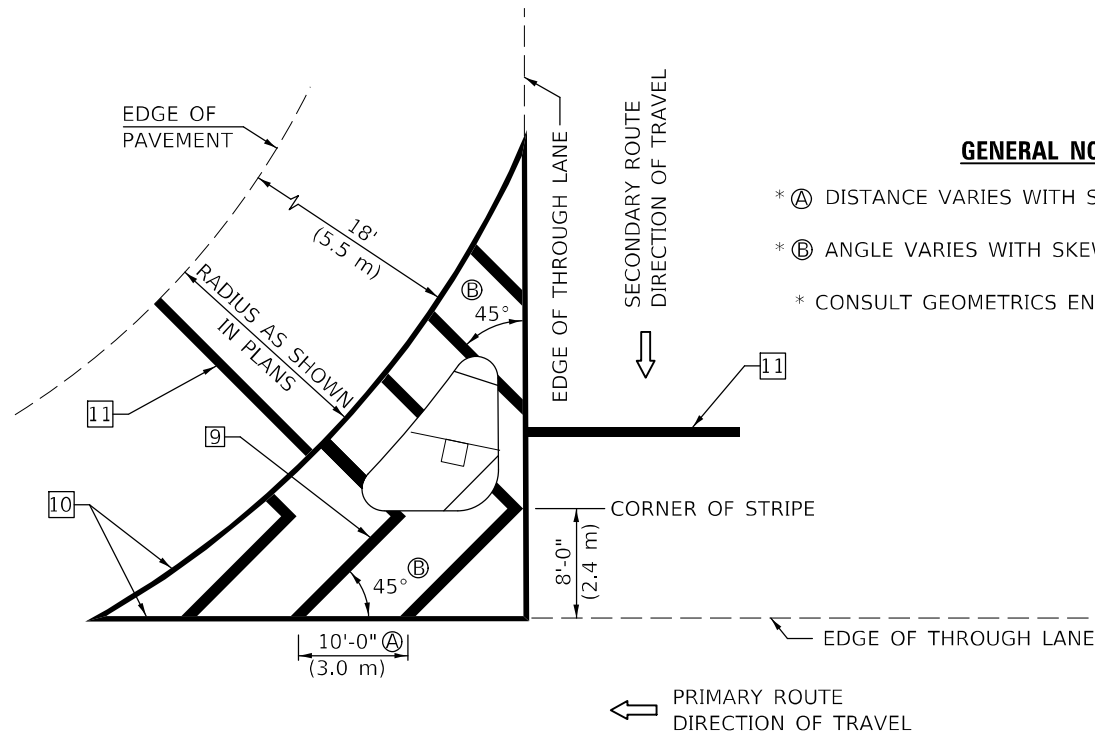
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

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



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

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

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

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USER NAME = PiersonTJ	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
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PLOT DATE = 1/20/2021	DATE -	REVISED - 3/2019 SWN

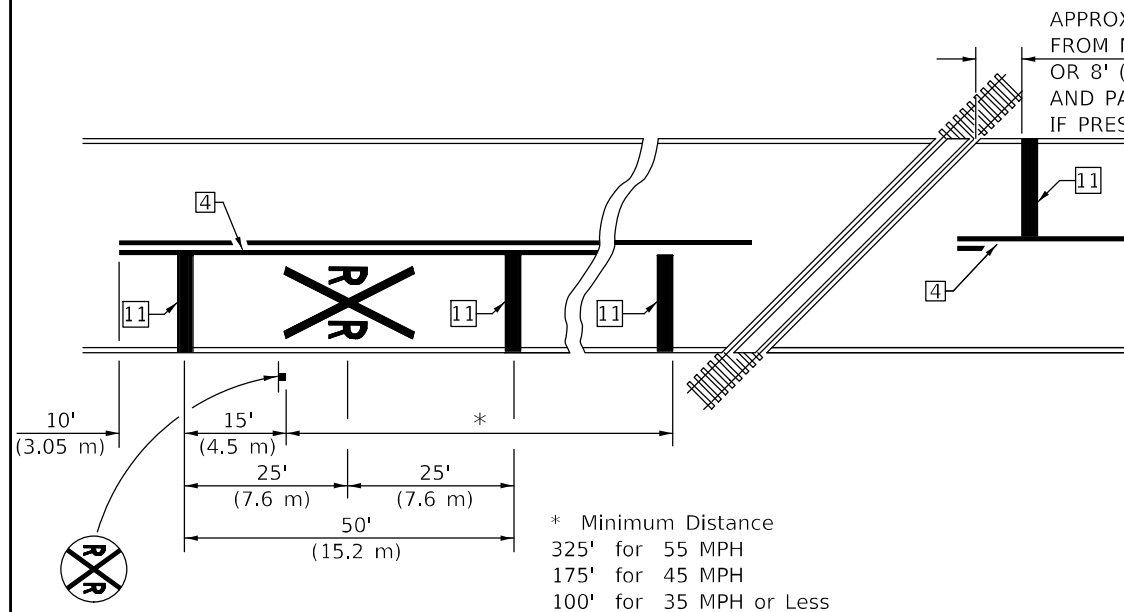
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

SCALE: N.T.S. SHEET 3 OF 4 SHEETS STA. TO STA.

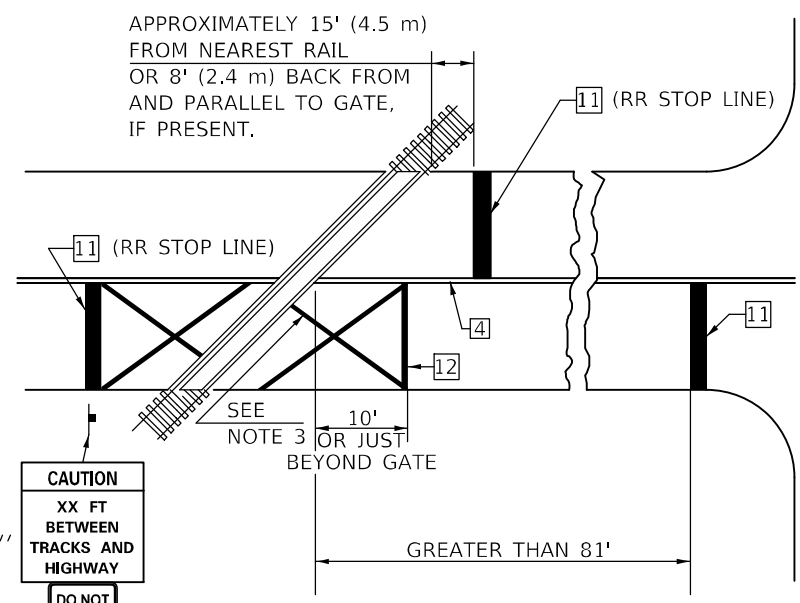
DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	42
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

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PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

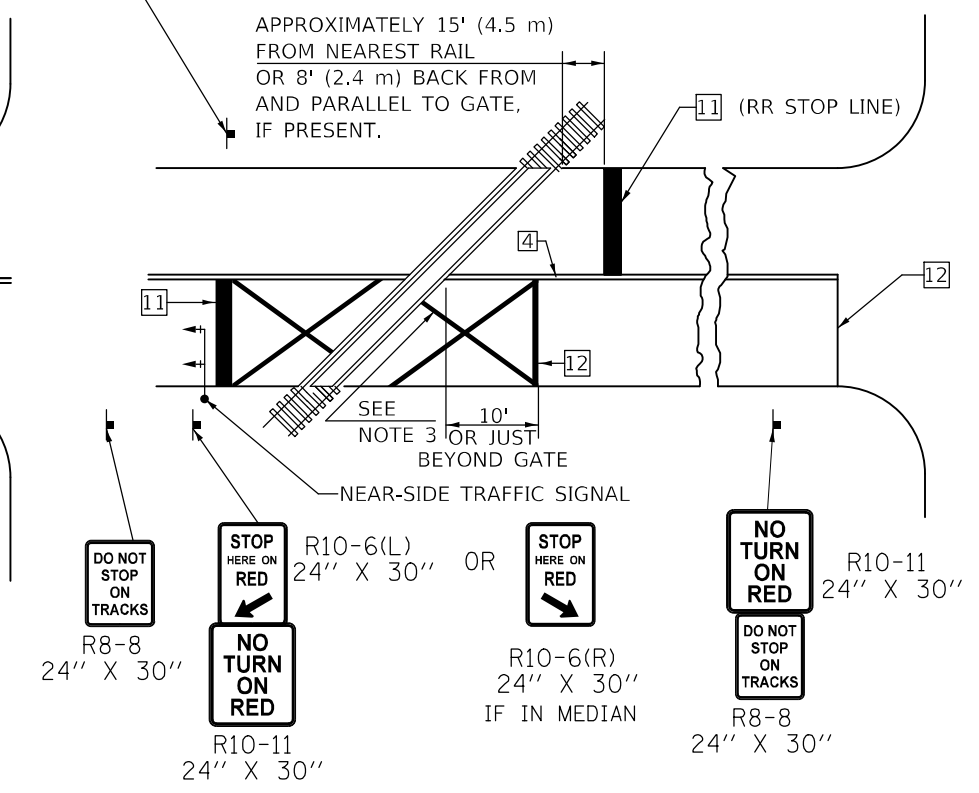
RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-I100
 30" X 36"
 CAUTION
 XX FT
 BETWEEN
 TRACKS AND
 HIGHWAY
 DO NOT
 STOP
 ON
 TRACKS
 R8-8
 24" X 30"

ONLY IF SIGNAL HEAD CANNOT BE LOCATED IN MEDIAN

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



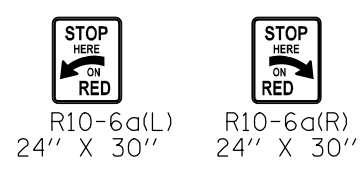
DO NOT STOP ON TRACKS
 (R8-8)
 24" X 30"
 STOP HERE ON RED
 R10-6(L)
 24" X 30"
 OR
 STOP HERE ON RED
 R10-6(R)
 24" X 30"
 IF IN MEDIAN
 NO TURN ON RED
 R10-11
 24" X 30"
 DO NOT STOP ON TRACKS
 R8-8
 24" X 30"

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

USER NAME = PiersonTJ	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
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PLOT DATE = 1/20/2021	DATE -	REVISED - 3/2019 SWN

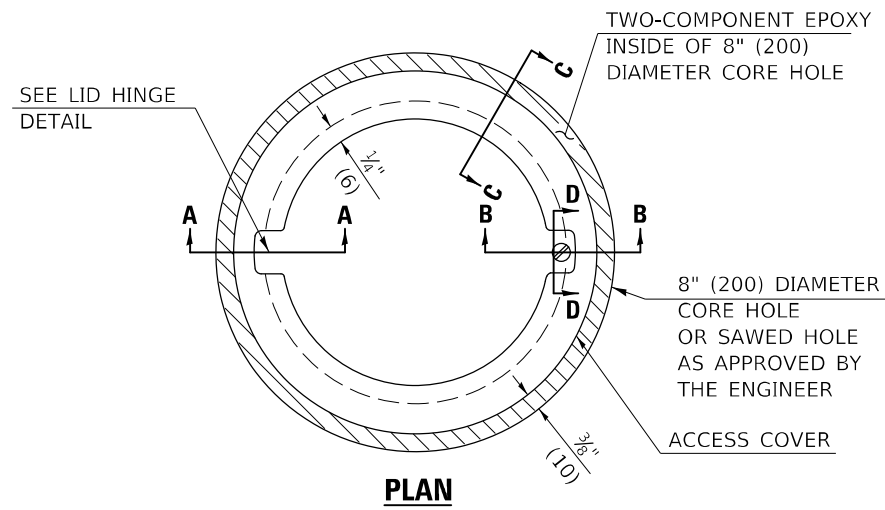
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: N.T.S. SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	43
CONTRACT NO. 70E83				
ILLINOIS FED. AID PROJECT				

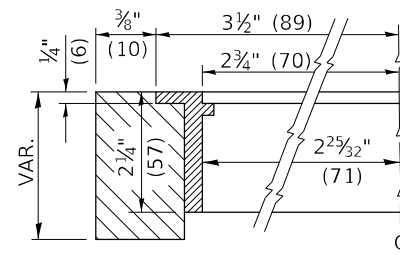
TO BE INSTALLED IN RIGID OR COMPOSITE PAVEMENT FOR PRESERVING LAND SURVEY MONUMENTS (SECTION OR SUBSECTION CORNERS)



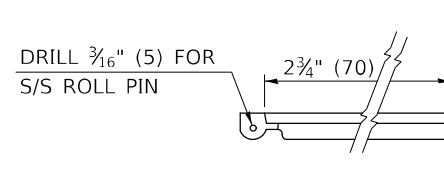
LEGEND

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

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



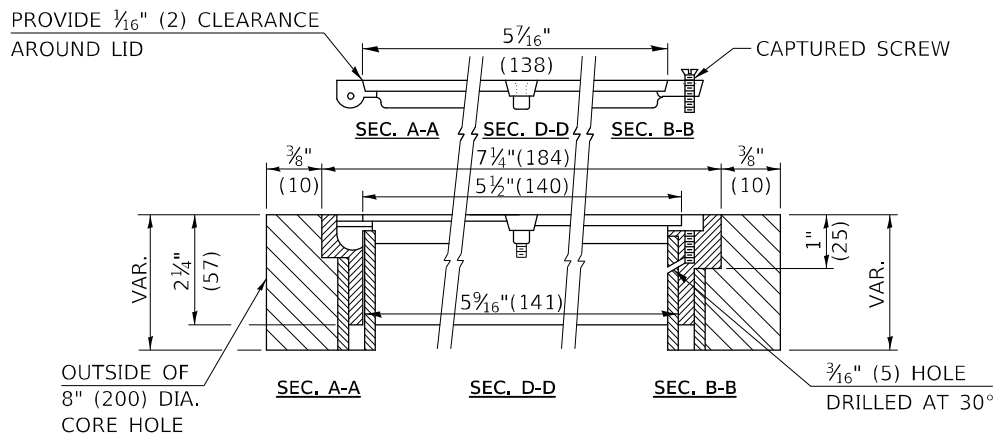
SECTION C-C



LID HINGE DETAIL

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

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



ELEVATION

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

GENERAL NOTES

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

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

DISTRICT 5 DETAIL NO. X0301232

USER NAME = PiersonTJ	DESIGNED -	REVISED - 11/06
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PLOT DATE = 1/20/2021	DATE -	REVISED -

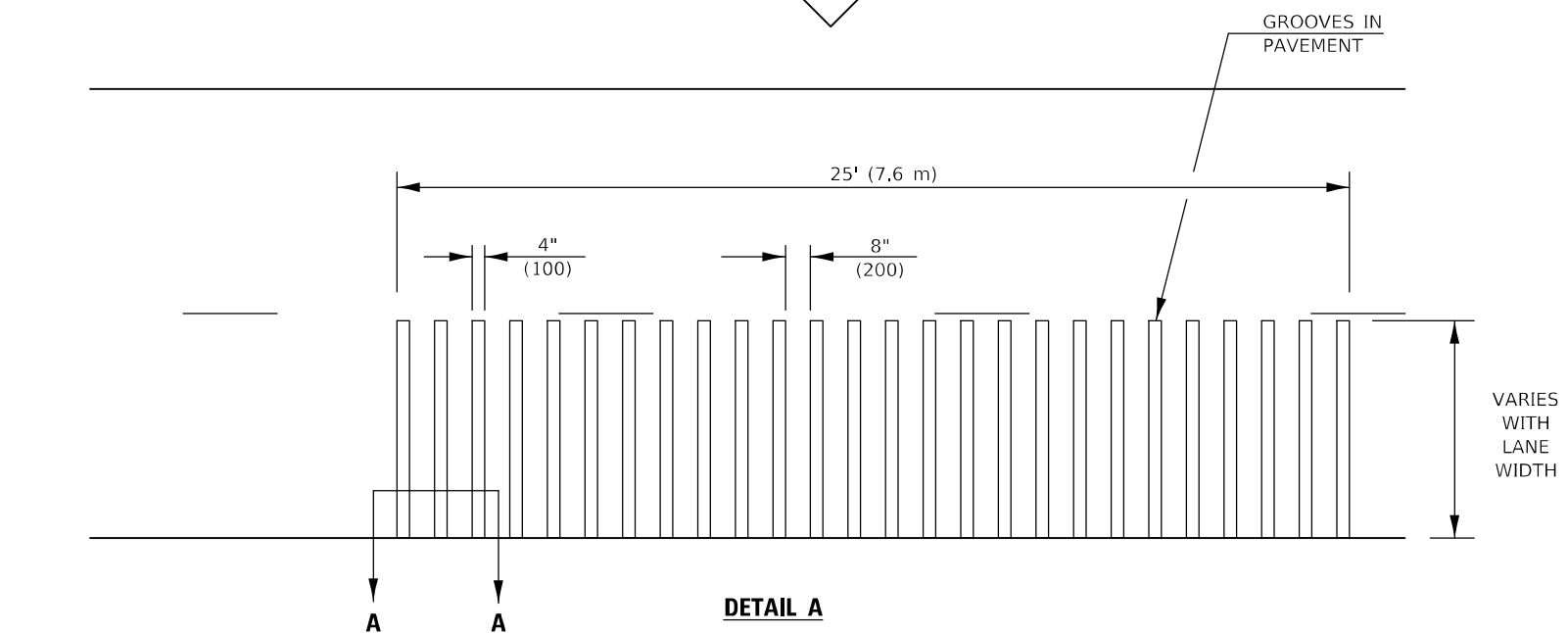
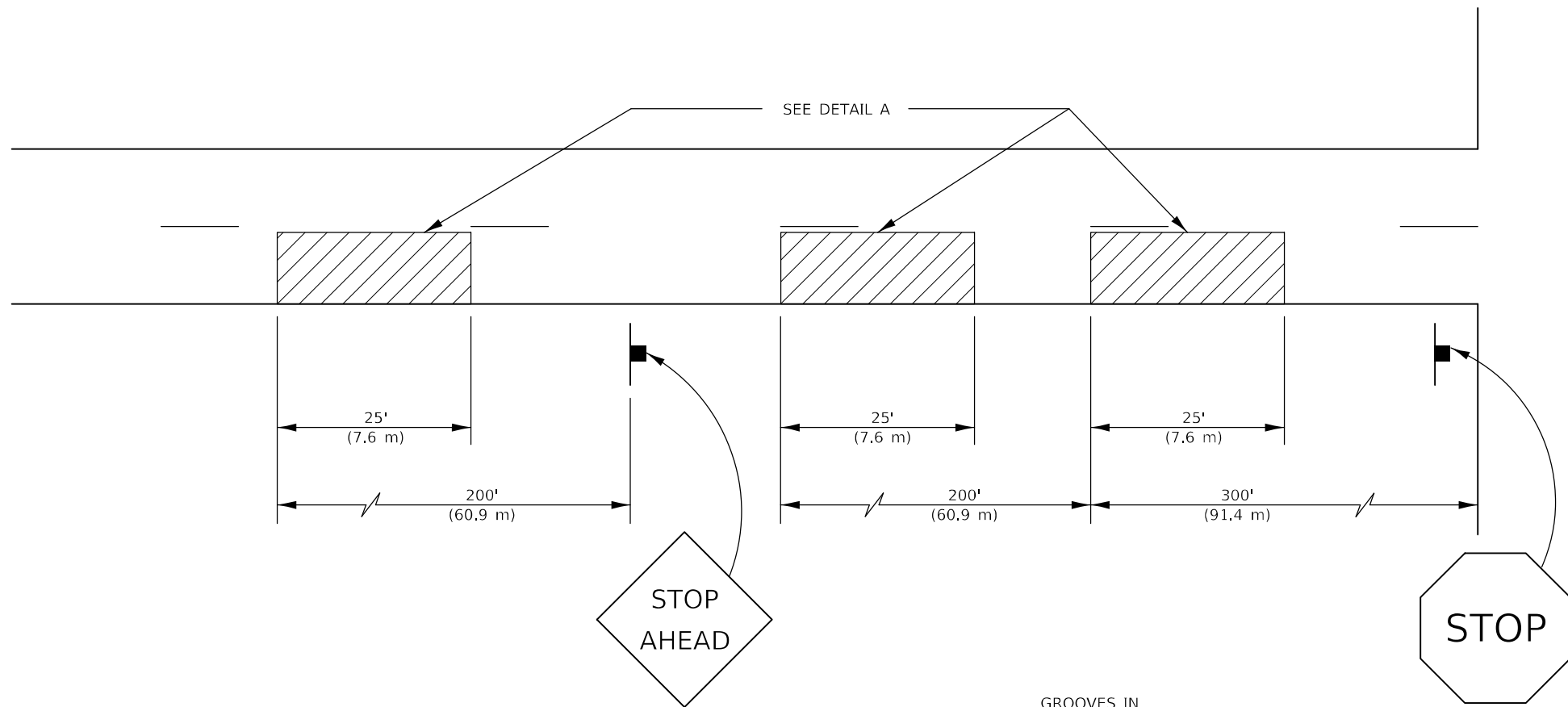
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SURVEY MARKER VAULT

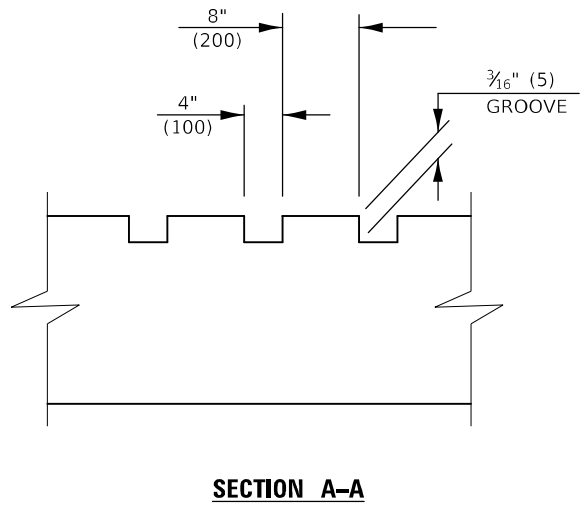
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	44
			CONTRACT NO. 70E83	
ILLINOIS FED. AID PROJECT				

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 5_Details.dgn



- GENERAL NOTES**
1. ALL GROOVES SHALL BE CONSTRUCTED USING A 4" (100 mm) MILLING HEAD OR SERIES OF 4" (100 mm) MILLING HEADS CAPABLE OF CUTTING TO THE SPECIFIED DEPTH OR ANY VARIABLE DEPTH.
 2. THIS WORK WILL BE MEASURED FOR PAYMENT PER EACH 25' (7.6 m) INDIVIDUAL RUMBLE STRIP APPLIED AND PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR RUMBLE STRIP, WHICH PRICE SHALL INCLUDE ALL EQUIPMENT, MATERIAL, LABOR AND OTHER ITEMS REQUIRED TO INSTALL EACH INDIVIDUAL RUMBLE STRIP.



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

DISTRICT 5 DETAIL NO. Z0055300

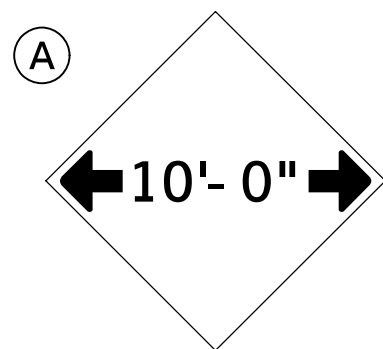
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	DRAWN -	REVISED -
PLOT SCALE = 40.0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 1/20/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIP (ADVANCE OF INTERSECTIONS)

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

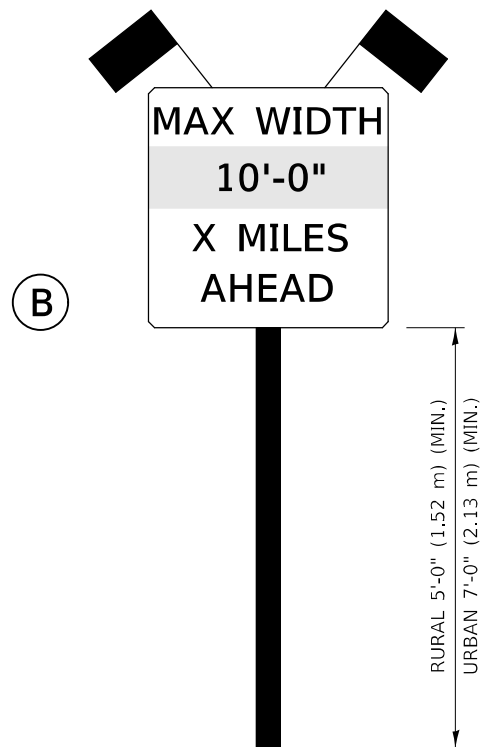
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	46
CONTRACT NO. 70E83			ILLINOIS FED. AID PROJECT	



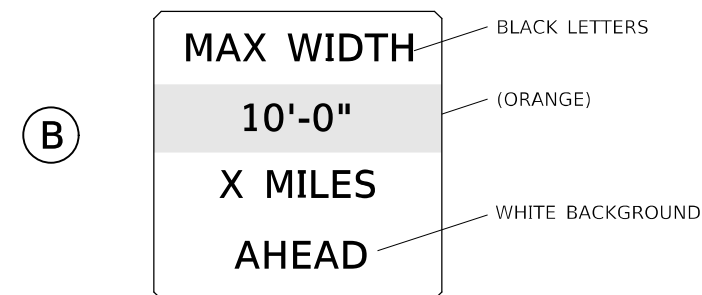
W12-2(O)-48"x48"(1200x1200)

SIGN (A) 2 SIGNS - W12-2(O)-48"x48"(1200x1200) ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

SIGN (B) 2 SIGNS - (SIGN PANEL, TYPE II) AS SHOWN ARE TO BE PLACED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.



SIGN PANEL, TYPE II



**W12-I103(O)-48"x48"(1200x1200)
"D" LETTERS/NUMBERS**

GENERAL NOTES

1. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.
2. ALL (B) SIGNS SHALL HAVE FLAGS INSTALLED UNLESS OTHERWISE DIRECTED.
3. LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
4. ALL TRAFFIC CONTROL SHOWN ON THIS SHEET SHALL BE PAID FOR AT THE CONTRACT LUMP SUM PRICE FOR WIDTH RESTRICTION SIGNING.
5. ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE DIRECTED.
6. ALL SIGNS SHOWN ORANGE (O) SHALL BE FLUORESCENT ORANGE.
7. ALL SIGNS SHOWN SHALL CONSIST OF THE CURRENT RETROREFLECTIVE SHEETING REQUIREMENTS AS OUTLINED IN SECTION 1106.01 OF THE STANDARD SPECIFICATIONS BOOK.

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

MODEL: \\MODEL\NAMES
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USER NAME = PiersonTJ	DESIGNED -	REVISED - 05/08
	DRAWN -	REVISED - 10/08 KJT
PLOT SCALE = 40.0000 * / in.	CHECKED -	REVISED - 07/09 KJT
PLOT DATE = 1/20/2021	DATE -	REVISED - 03/11 KJT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIDTH RESTRICTION SIGNING

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

DISTRICT 5 DETAIL NO. X7200201

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
760	124RS-7	DE WITT	47	47
			CONTRACT NO. 70E83	
		ILLINOIS	FED. AID PROJECT	