

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	1
		ILLINOIS	CONTRACT NO. 70H53	

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

CURRENT TRAFFIC DATA

F.A.P. RTE 322 / (US 51))

	ADT (2024)	PV%	SU%	MU%
LEG "A"	= 10,100	84.1	4.5	11.4
LEG "B"	= 9,450	84.9	5.6	9.5

TRAFFIC DATA LOCATIONS

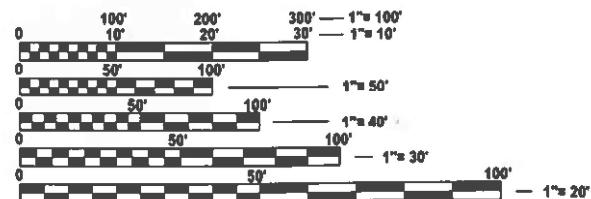
LEG "A" = FROM CARL SPRINGS ROAD TO THORPS ROAD IN WAPELLA
LEG "B" = FROM US 51 BUS (SOUTH) TO TEXAS CHURCH ROAD SOUTH OF CLINTON

FUNCTIONAL CLASSIFICATION

FREEWAY / EXPRESSWAY

DESIGN DESIGNATION
NA

TOWNSHIPS: WAPELLA, TEXAS



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

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

PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: GREG EAGLIN
DESIGNER: TITUS MOOD
PHONE: (217) 465-4181

CONTRACT NO. 70H53

PROPOSED

HIGHWAY PLANS

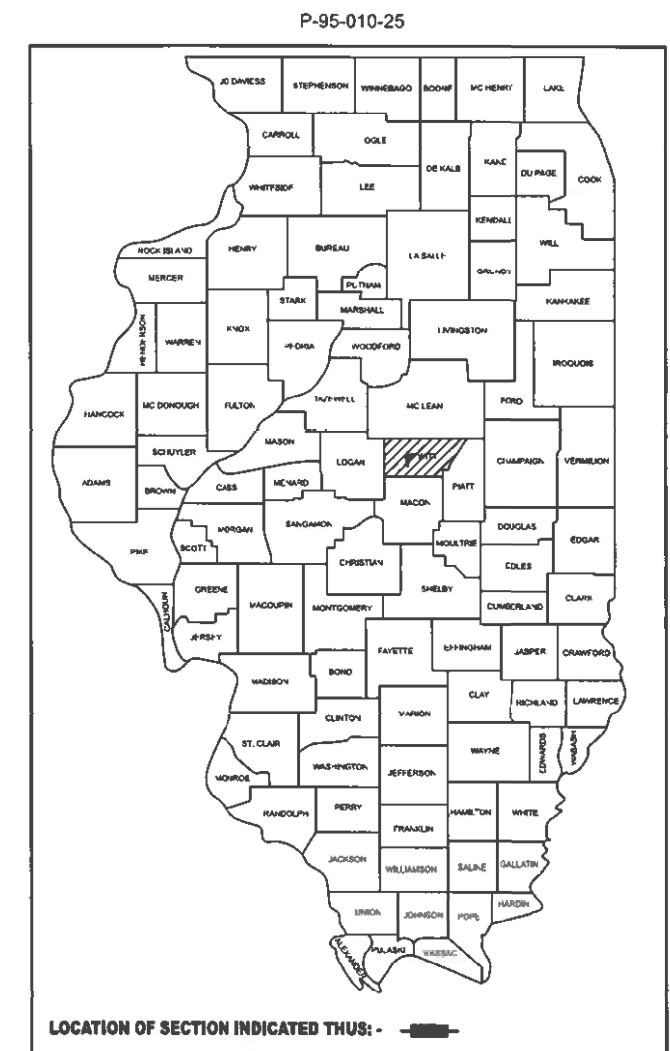
FAP ROUTE 322 / (US 51)
SECTION (52,53,54,55,57)PP
PROJECT NHPP-XBJX(050)
SMART OVERLAY
DEWITT COUNTY

C-95-038-25

FROM TRIBUTARY LONG POINT CREEK TO SOUTH OF
MAIN STREET NORTH OF CLINTON &
NORTH OF HERITAGE ROAD TO NORTH OF TEXAS
CHURCH ROAD SOUTH OF CLINTON

FOR LOCATION MAP, SEE SHEET 3

GROSS LENGTH = 16,204.50 FT. = 3.069 MILE
NET LENGTH = 15,786.50 FT. = 2.990 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12/10 20 24
Kennel A. Barnett 2025 REGIONAL ENGINEER
January 31 2025
See E. Etk ENGINEER OF DESIGN AND ENVIRONMENT
January 31 2025
5 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	INDEX OF SHEETS
2	LIST OF HIGHWAY STANDARDS
2	GENERAL NOTES
3	LOCATION MAP
4	SUMMARY OF QUANTITIES
5-11	TYPICAL CROSS SECTIONS
12-13	SCHEDULE OF QUANTITIES
14-17	DETAIL FOR PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

LIST OF HIGHWAY STANDARDS

<u>STANDARD NO.</u>	<u>NAME OF STANDARD</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-12	APPROACH TO LANE CLOSURE, FREEWAY/ EXPRESSWAY
701401-13	LANE CLOSURE, FREEWAY/EXPRESSWAY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
701901-10	TRAFFIC CONTROL DEVICES

GENERAL NOTES

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

G.N. - 406H

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION	FAP 322 / (US 51)
MIXTURE USE	SURFACE
AC/PG	PG 64-22
DESIGN AIR VOIDS	4.0% @ NDES=70
MIX COMP(GRADATION)	IL 9.5
FRICTION AGGREGATE	MIX "D"
MIXTURE WEIGHT	112
QUALITY MANAGEMENT PROGRAM	QC/QA
SUBLOT SIZE	3000
MATERIAL TRANSFER DEVICE (REQUIRED) ?	NO

G.N.-406M
MATERIAL TRANSFER DEVICE (MTD) INFORMATION

IF THE CONTRACTOR ELECTS TO USE A MATERIAL TRANSFER DEVICE (MTD), THEN 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:

STRUCTURE NUMBER	WEIGHT RESTRICTION
S.N. 020-0005	40 TON
S.N. 020-0046	40 TON
S.N. 020-2007	40 TON
S.N. 020-8014	40 TON
S.N. 020-8047	40 TON

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

G.N. 406S
PROJECT POSTED SPEED LIMITS

THE FOLLOWING TABLE IS A LISTING OF POSTED SPEED LIMITS WITHIN THE PROJECT LIMITS.
THE ENGINEER SHALL FIELD VERIFY THESE LIMITS:

LOCATION	STATION	TO	STATION	POSTED SPEED LIMIT (MPH)
FAP 322 / (US 51)	880+22.00		895+16.00	65
FAP 322 / (US 51)	932+98.00		944+00.00	65
FAP 322 / (US 51)	1303+22.00		1341+25.00	45
FAP 322 / (US 51)	1341+25.00		1439+30.50	65

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

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

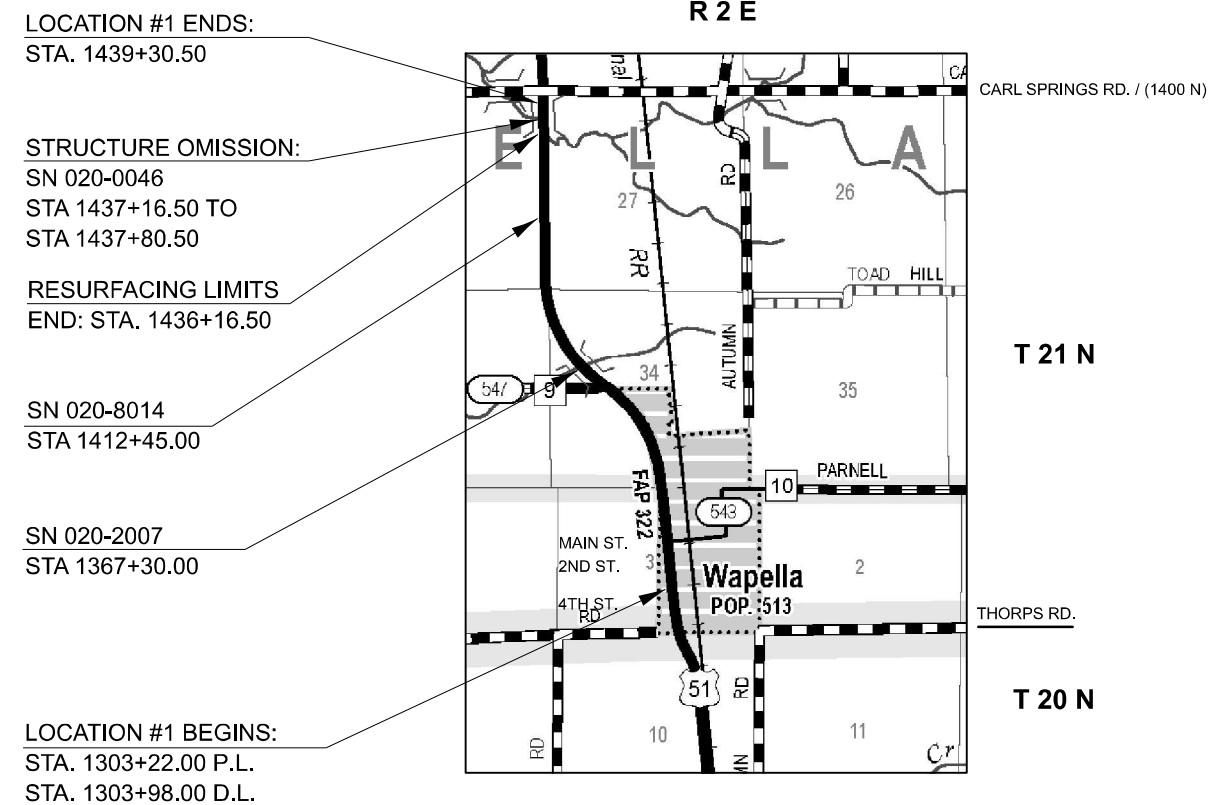
INDEX OF SHEETS, LIST OF HIGHWAY STANDARDS GENERAL NOTES

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

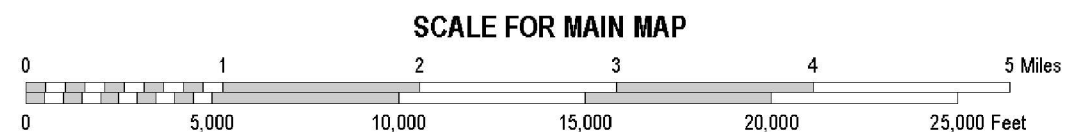
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	2
		CONTRACT NO. 70H53		
ILLINOIS		FED. AID PROJECT		

MODEL: Gen Notes [Sheet]
FILE NAME: c:\pw work\pwidot\leadlinga\d1052821\D570H53 Gen Notes.dgn

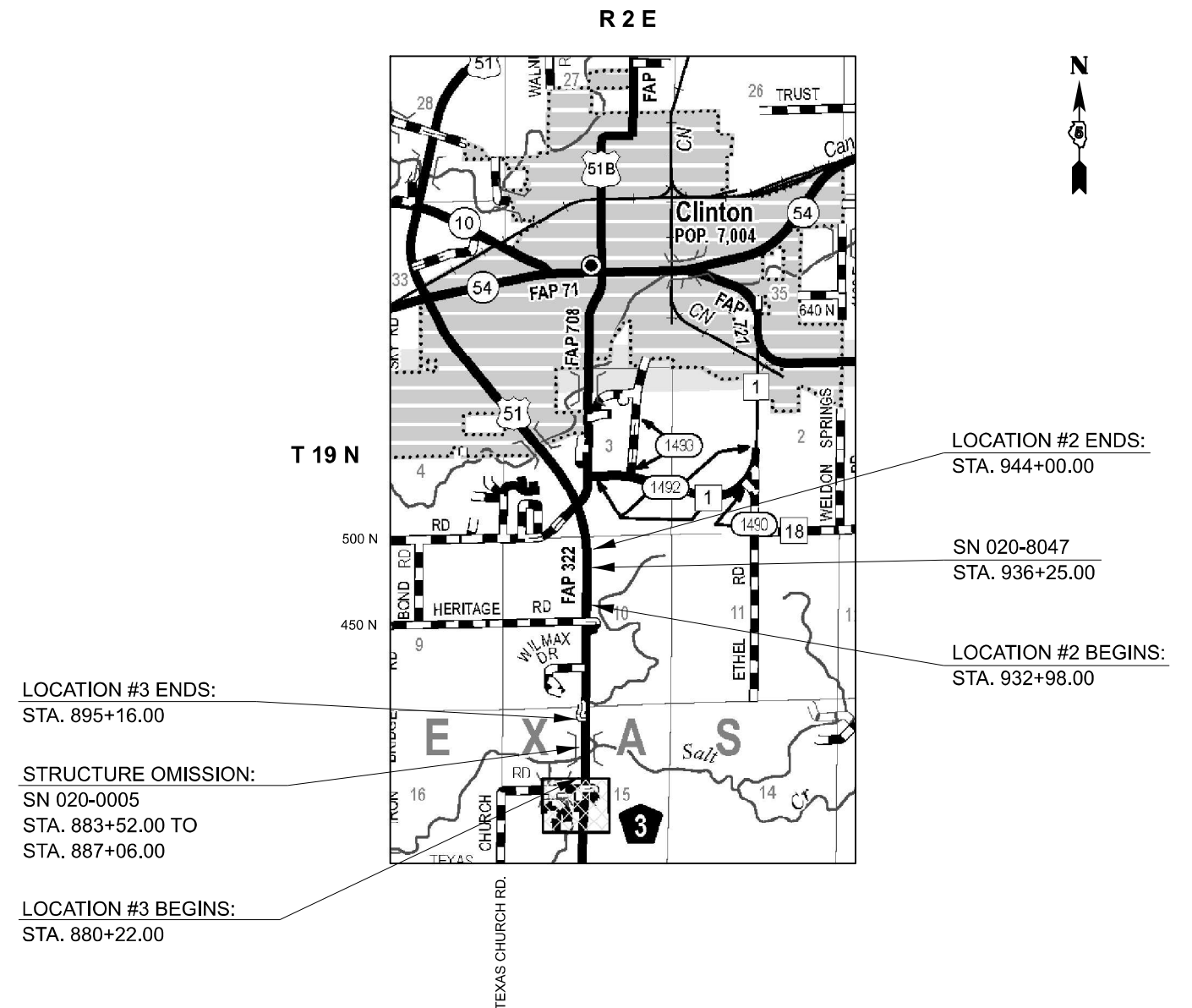
LOCATION #1 (NB)



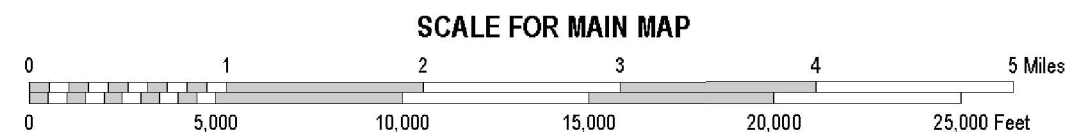
GROSS LENGTH LOCATION #1 = 13,608.50 FT. = 2.577 MILE
NET LENGTH LOCATION #1 = 13,544.50 FT. = 2.565 MILE



LOCATION #2 (SB) & LOCATION #3 (SB)



GROSS LENGTH LOCATION #2 & #3= 2,596.00 FT. = 0.492 MILE
NET LENGTH LOCATION #2 & #3 = 2,242.00 FT. = 0.425 MILE



SUMMARY OF QUANTITIES

LOCATION OF WORK: FAP 322 / (US 51)
FREEWAY / EXPRESSWAY
STA. TO STA.
(SEE LOCATION MAP)
COUNTY: DEWITT
FUNDING BREAKOUT: 80% FED
20% STATE
CONSTRUCTION CODE: 0005

LOCATION OF WORK: FAP 322 / (US 51)
FREEWAY / EXPRESSWAY
STA. TO STA.
(SEE LOCATION MAP)
COUNTY: DEWITT
FUNDING BREAKOUT: 80% FED
20% STATE
CONSTRUCTION CODE: 0005

CODE NO	ITEM	UNIT	TOTAL QUANTITY
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	19,765.0
40600370	LONGITUDINAL JOINT SEALANT	FOOT	15,537.0
40600990	TEMPORARY RAMP	SQ YD	107.0
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	3,472.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	41,330.0
67100100	MOBILIZATION	L SUM	1.0
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1.0
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	6.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,848.0

* SPECIALTY ITEM

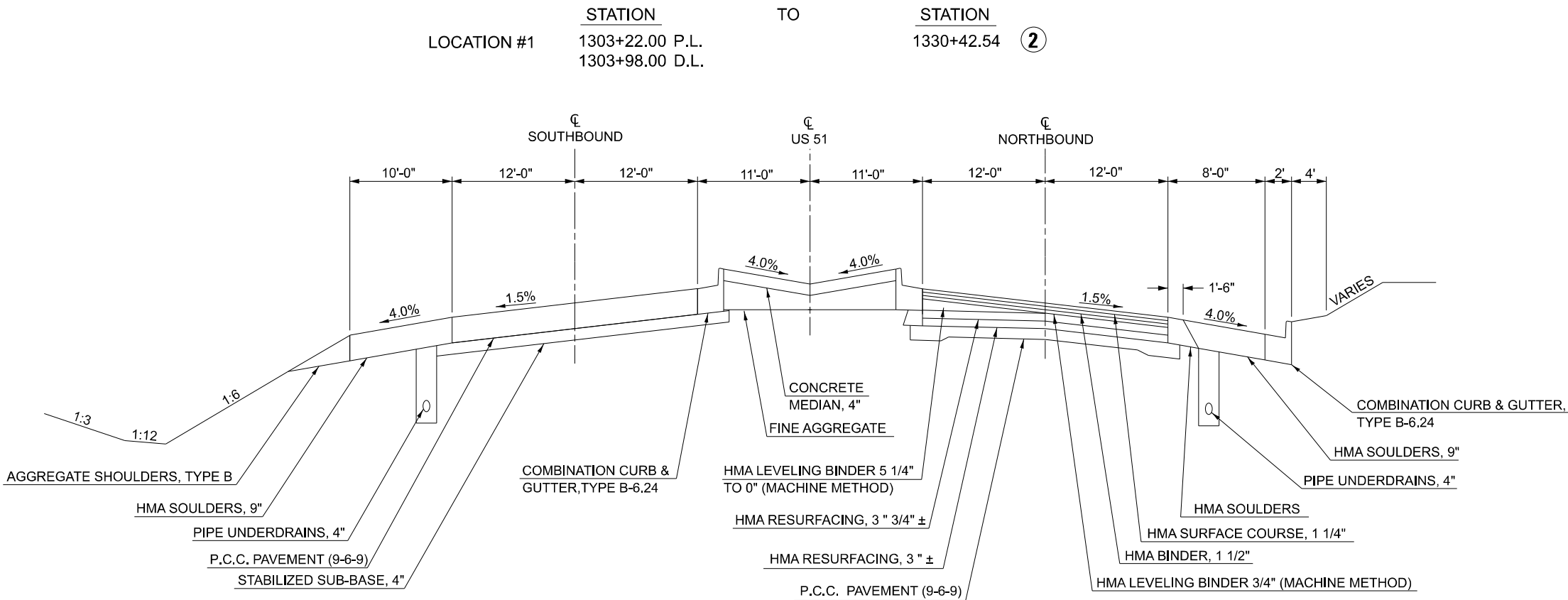
CODE NO	ITEM	UNIT	TOTAL QUANTITY
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	744.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	38,239.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	253.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	253.0
X0326223	FOAM, EXPANDING POLYURETHANE, HIGH-DENSITY	POUND	2,460.0
X5030250	BRIDGE DECK GROOVING (LONGITUDINAL)	SQ YD	667.0
X6050222	FILLING INLETS, TEMPORARY	EACH	6.0
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.0
Z0029090	DIAMOND GRINDING (BRIDGE SECTION)	SQ YD	667.0

* SPECIALTY ITEM

MODEL: SQO [Sheet]
FILE NAME: c:\pw_workspace\leaglin\p1052821\0570H53_Sum of Qun.dgn

	USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	(52,53,54,55,57)PP	DEWITT	17	4
		CHECKED -	REVISED -					CONTRACT NO. 70H53				
	PLOT DATE = 12/5/2024	DATE -	REVISED -		SCALE:	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

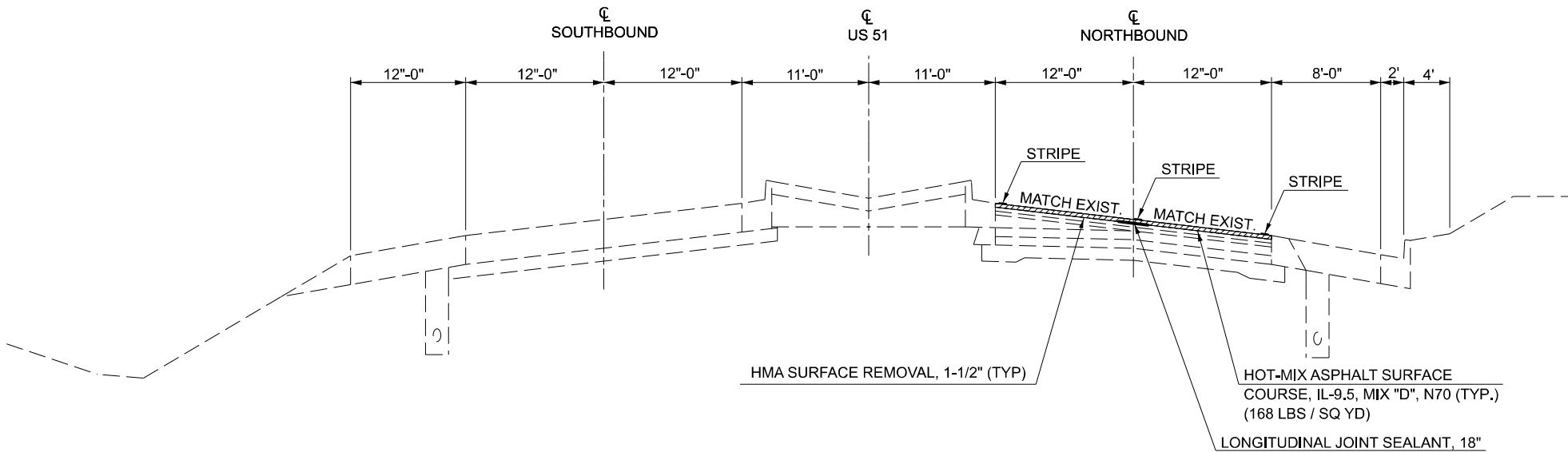
EXISTING TYPICAL CROSS SECTION 1



PROPOSED TYPICAL CROSS SECTION 1

STATION TO STATION

LOCATION #1 1303+22.00 P.L. 1303+98.00 D.L. 1330+42.54 2



HOT-MIX ASPHALT SURFACE
REMOVAL, 1-1/2"

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/9/2024	DATE -	REVISED -

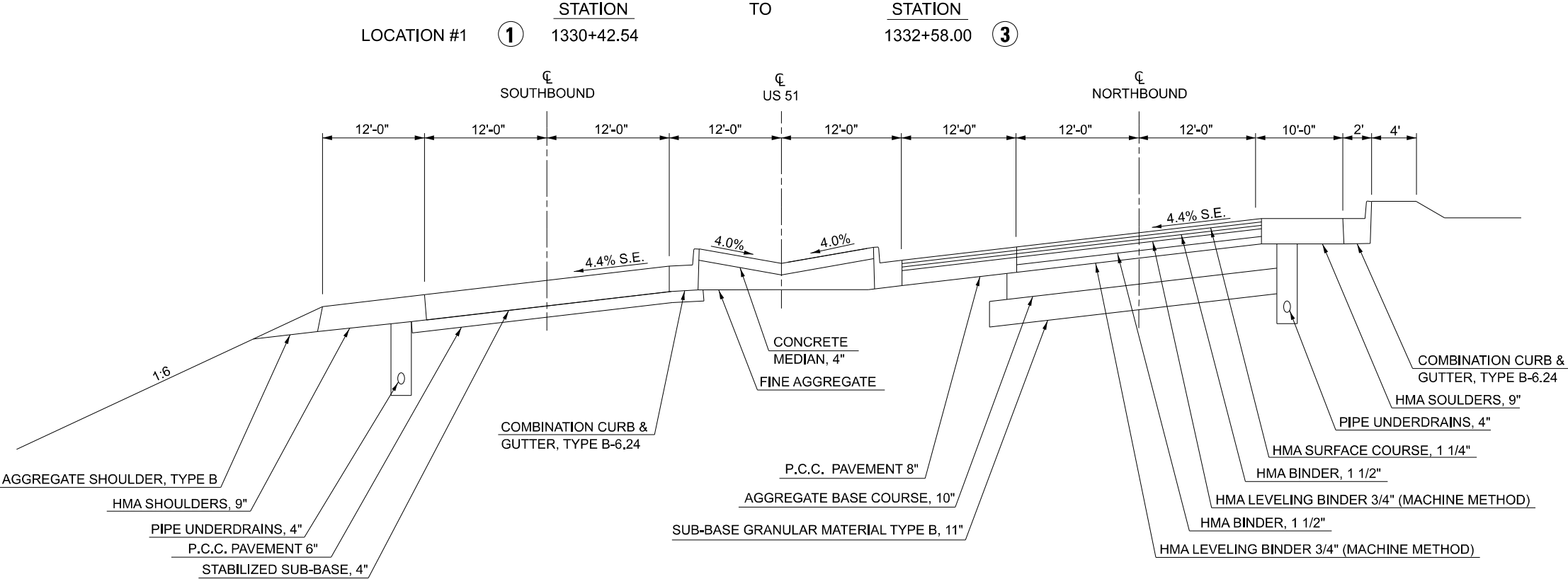
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

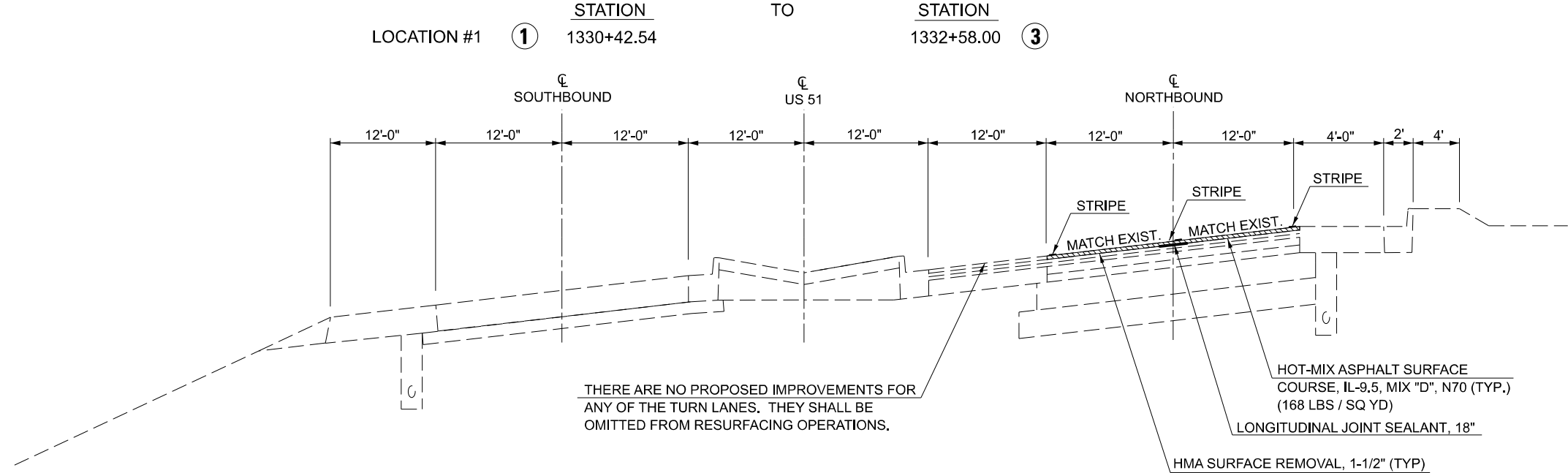
SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	5
CONTRACT NO. 70H53				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION 2



PROPOSED TYPICAL CROSS SECTION 2



HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"

USER NAME	= Greg.Eaglin	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 12/9/2024	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

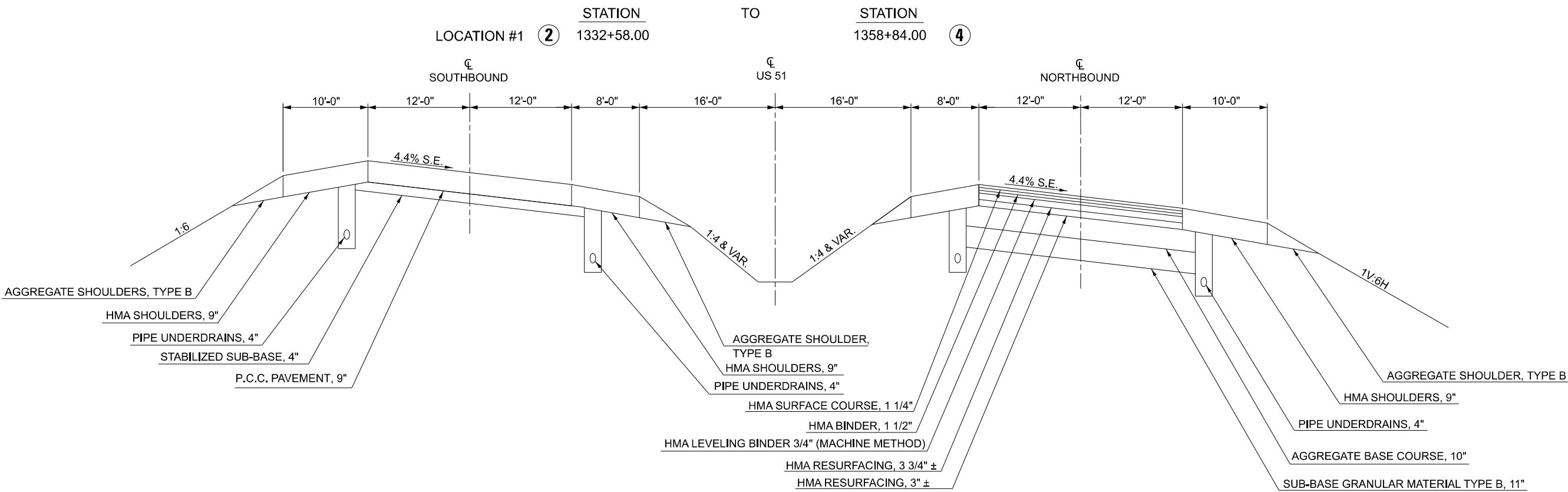
TYPICAL CROSS SECTIONS

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

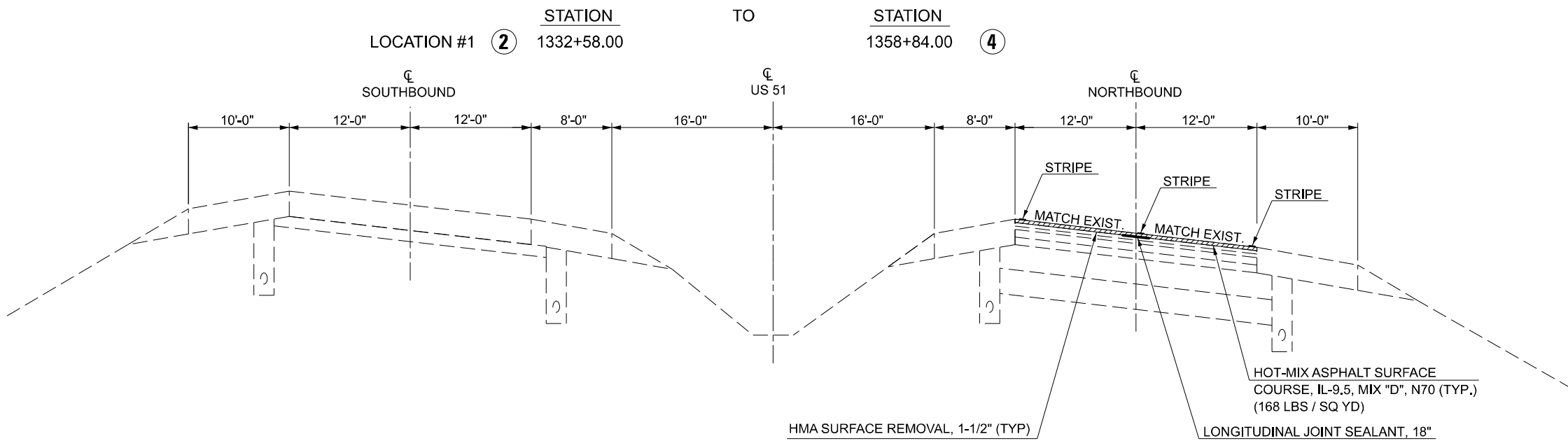
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	6
CONTRACT NO. 70H53				
ILLINOIS FED. AID PROJECT				

MODEL: Typical Cross Sections - 2 [Sheet]
FILE NAME: c:\pawork\pawork\reginald\1052821\DS70H53_Typical.s.dgn

EXISTING TYPICAL CROSS SECTION 3



PROPOSED TYPICAL CROSS SECTION 3



HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/9/2024	DATE -	REVISED -

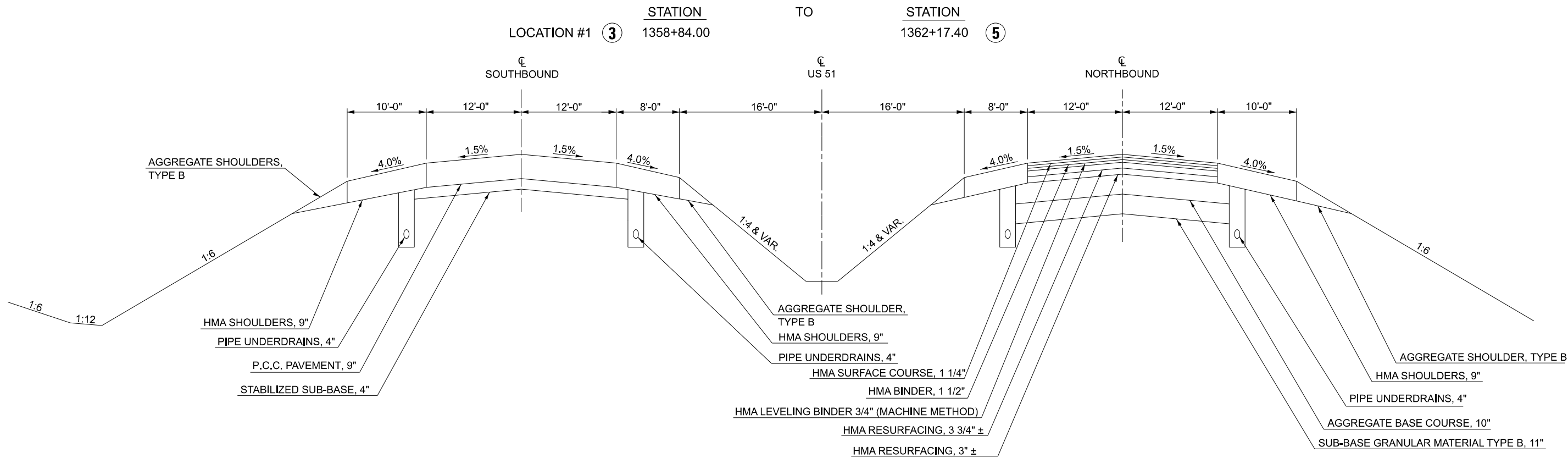
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS CROSS SECTIONS

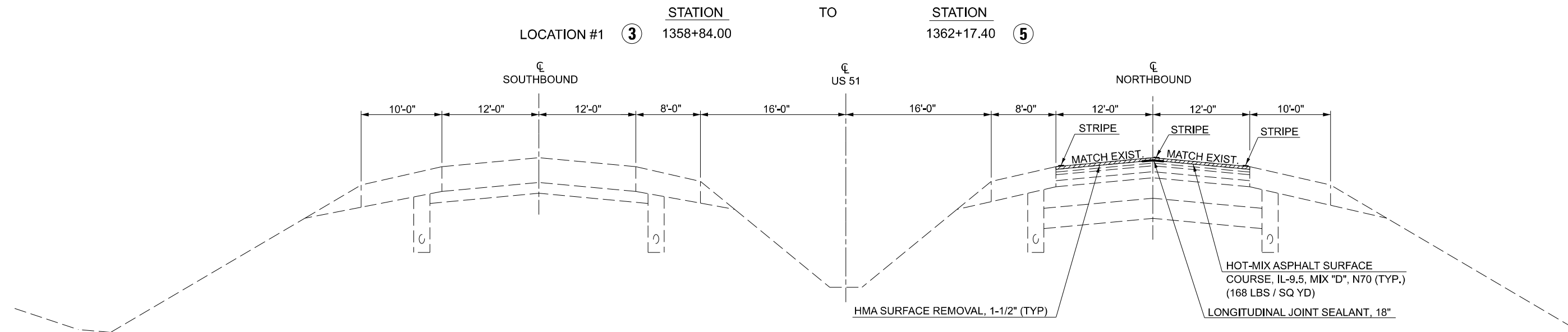
SCALE: SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	7
CONTRACT NO. 70H53				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION 4



PROPOSED TYPICAL CROSS SECTION 4



HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"

MODEL: Typical Cross Sections - 4 [Sheet]
FILE NAME: c:\p\work\w\id\reg\reg\id\1052821\DS70H53_Typicals.dgn

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/9/2024	DATE -	REVISED -

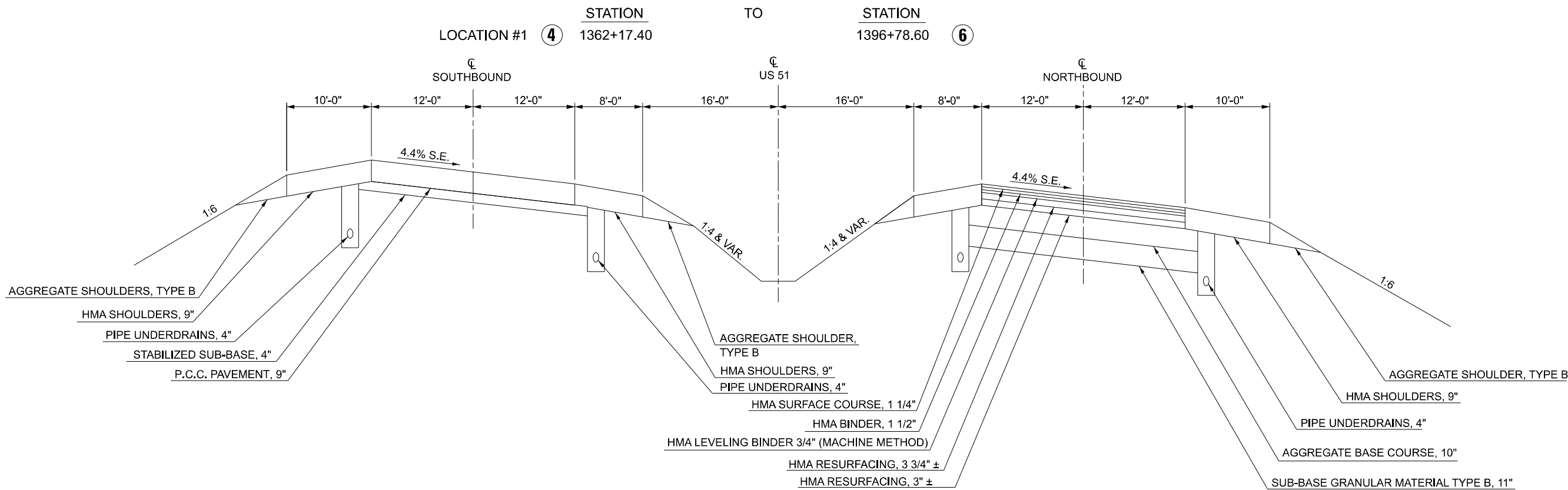
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

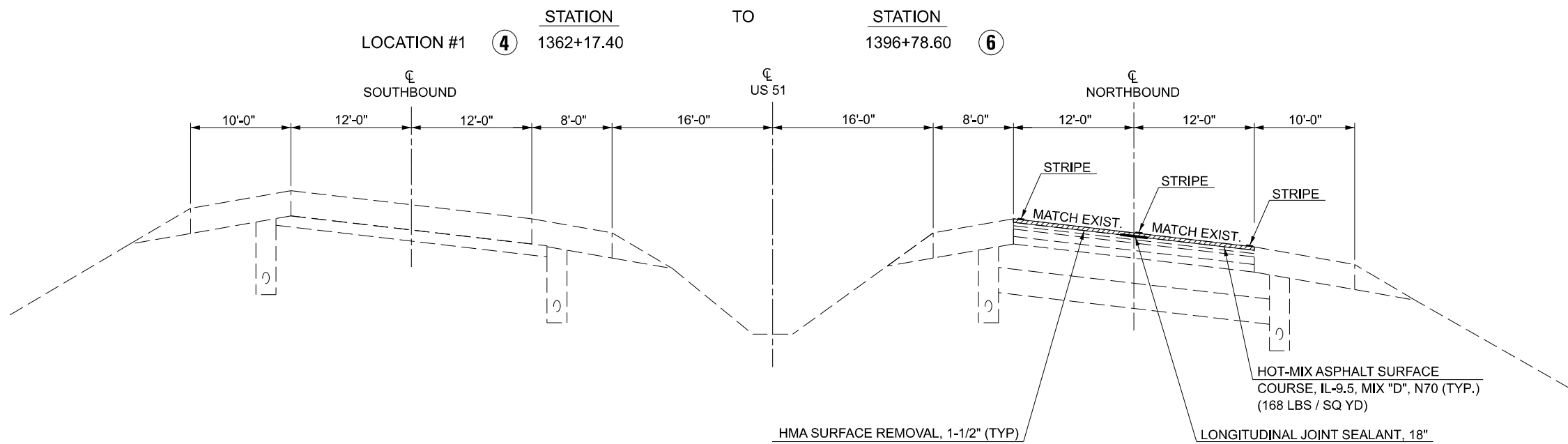
SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	8
CONTRACT NO. 70H53				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION 5



PROPOSED TYPICAL CROSS SECTION 5



HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"

MODEL: Typical Cross Sections - 5 (Sheet)
FILE NAME: c:\p\work\w\l\reg\l\reg\l\1052821\DS70H53_Typicals.dgn

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/9/2024	DATE -	REVISED -

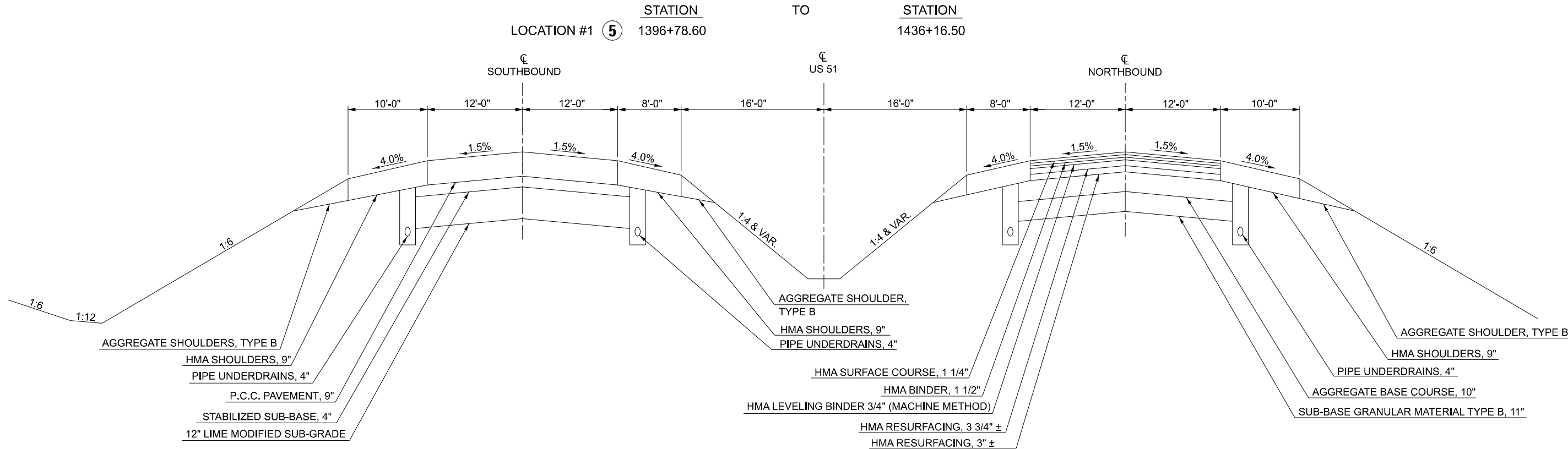
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

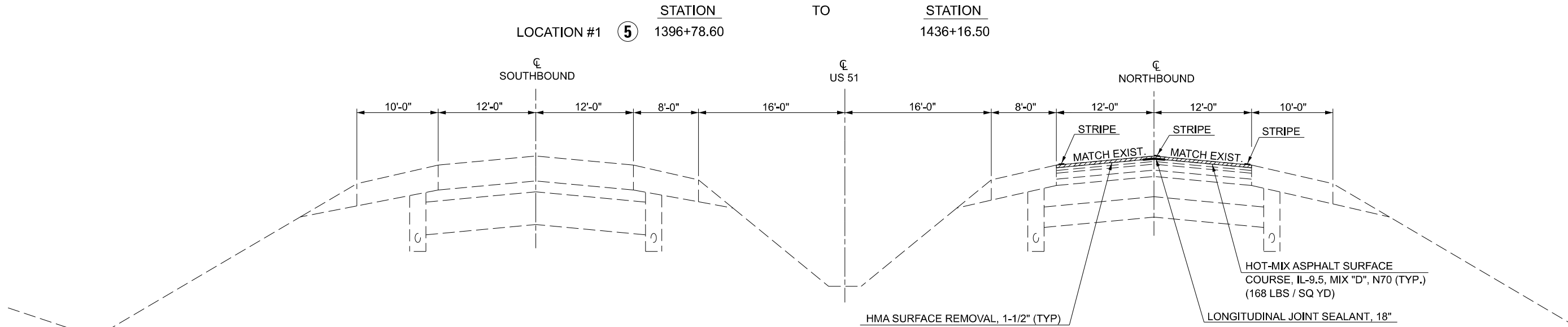
SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	9
CONTRACT NO. 70H53				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION 6



PROPOSED TYPICAL CROSS SECTION 6



 HOT-MIX ASPHALT SURFACE REMOVAL, 1-1/2"

MODEL: Typical Cross Sections - 6 (Sheet)
FILE NAME: c:\p\work\wildeaglin\gald1052821\DS70H53_Typicals.dgn

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/9/2024	DATE -	REVISED -

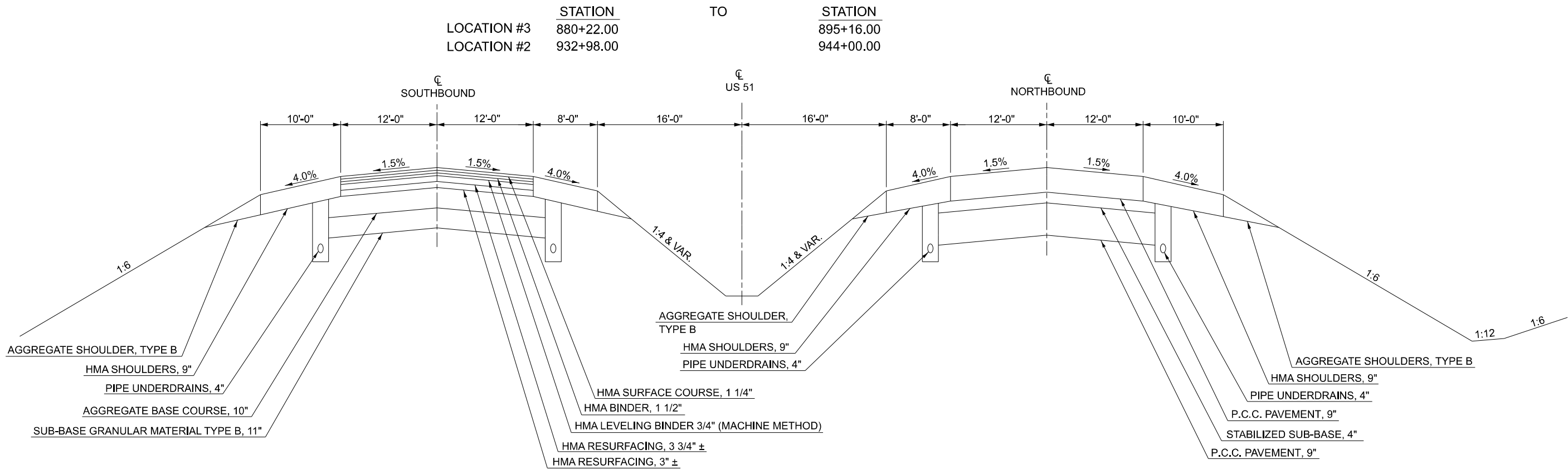
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

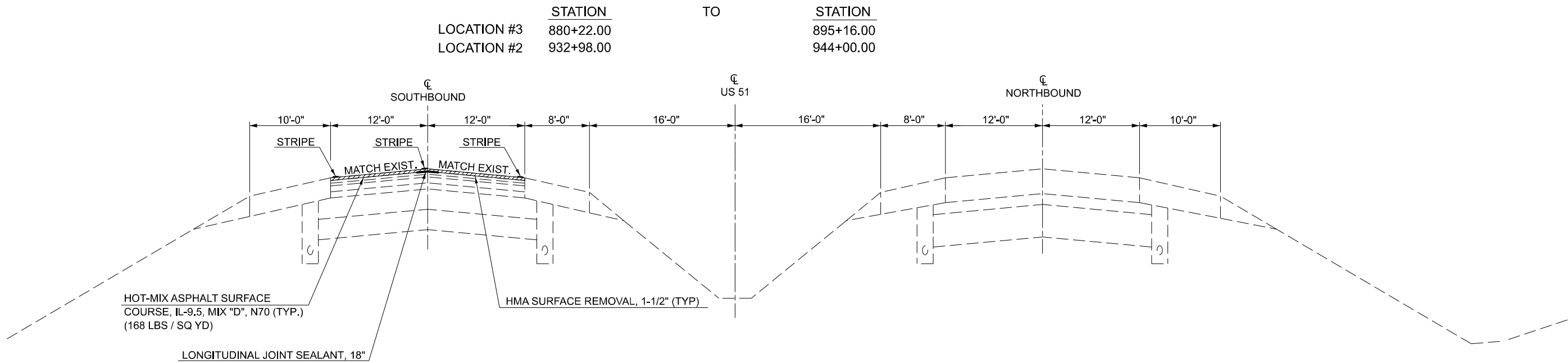
SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	10
CONTRACT NO. 70H53				
ILLINOIS FED. AID PROJECT				

EXISTING TYPICAL CROSS SECTION 7



PROPOSED TYPICAL CROSS SECTION 7



HOT-MIX ASPHALT SURFACE
REMOVAL, 1-1/2"

USER NAME = Greg.Eaglin	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/9/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	11
CONTRACT NO. 70H53				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT SCHEDULE

LOCATION			STATION	TO	STATION	LENGTH (FT)	AVERAGE WIDTH (FT)	AREA (SQ YD)	HMA SURFACE THICKNESS (INCHES)	44000155 HMA SURFACE REMOVAL, 1-1/2" (SQ YD)	40600290 BITUMINOUS MATERIAL TACK COAT (POUND)	40604062 HOT-MIX ASPHALT SURFACE COURSE IL 9.5, MIX "D", N70 (TON)
LOCATION #1	N.B.	D.L.	1303+98.00		1436+16.50	13,218.50	12.00	17,624.67	1.5	17,624.67	7,931.10	1,480.47
LOCATION #1	N.B.	P.L.	1303+22.00		1436+16.50	13,294.50	12.00	17,726.00	1.5	17,726.00	7,976.70	1,488.98
LOCATION #2	S.B.	D.L.	932+98.00		944+00.00	1,102.00	12.00	1,469.33	1.5	1,469.33	661.20	123.42
LOCATION #2	S.B.	P.L.	932+98.00		944+00.00	1,102.00	12.00	1,469.33	1.5	1,469.33	661.20	123.42
LOCATION #3	S.B.	D.L.	880+22.00		883+52.00	330.00	12.00	440.00	1.5	440.00	198.00	36.96
LOCATION #3	S.B.	P.L.	880+22.00		883+52.00	330.00	12.00	440.00	1.5	440.00	198.00	36.96
LOCATION #3	S.B.	D.L.	887+06.00		895+16.00	810.00	12.00	1,080.00	1.5	1,080.00	486.00	90.72
LOCATION #3	S.B.	P.L.	887+06.00		895+16.00	810.00	12.00	1,080.00	1.5	1,080.00	486.00	90.72
TOTAL =										41,329.33	18,598.20	3,471.66
USE =										41,330.00	18,599.00	3,472.00
										SQ YD	POUND	TON

NOTE:
FOR ADDITIONAL QUANTITIES FOR PAY ITEM 40600290 SEE LONGITUDINAL JOINT SEALANT SCHEDULE.

40600370 LONGITUNDINAL JOINT SEALANT

LOCATION			STATION	TO	STATION	40600370 LONGITUDINAL JOINT SEALANT (FT)	40600290 BITUMINOUS MATERIAL TACK COAT (POUND)
LOCATION #1	C.L.		1303+22.00		1436+16.50	13,294.50	997.09
LOCATION #2	C.L.		932+98.00		944+00.00	1,102.00	82.65
LOCATION #3	C.L.		880+22.00		883+52.00	330.00	24.75
LOCATION #3	C.L.		887+06.00		895+16.00	810.00	60.75
TOTAL =						15,536.50	1,165.24
USE =						15,537.00	1,166.00
						FT	POUND

NOTE:
LONGITUDINAL JOINT SEALANT SHALL BE USED AT ALL HMA MAINLINE PAVING JOINTS.
PRIOR TO THE PLACEMENT OF THE LONGITUDINAL JOINT SEALANT A BITUMINOUS
MATERIAL TACK COAT SHALL BE APPLIED.

FOR ADDITIONAL QUANTITIES FOR PAY ITEM 40600290 SEE HOT-MIX ASPHALT SCHEDULE.

40600990 TEMPORARY RAMP

LOCATION			STATION	TO	STATION	DROP (INCH)	LENGTH (FT)	WIDTH (FT)	40600990 QUANTITY (SQ YD)	CONSTRUCT AFTER:
LOCATION #1	N.B.	D.L.	1303+98.00		1304+03.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #1	N.B.	P.L.	1303+22.00		1303+27.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #1	N.B.	D.L.	1436+11.50		1436+16.50	1.50	5.00	12.00	6.67	MILLING
LOCATION #1	N.B.	P.L.	1436+11.50		1436+16.50	1.50	5.00	12.00	6.67	MILLING
LOCATION #2	S.B.	D.L.	932+98.00		933+03.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #2	S.B.	P.L.	932+98.00		933+03.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #2	S.B.	D.L.	943+95.00		944+00.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #2	S.B.	P.L.	943+95.00		944+00.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #3	S.B.	D.L.	880+22.00		880+27.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #3	S.B.	P.L.	880+22.00		880+27.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #3	S.B.	D.L.	883+47.00		883+52.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #3	S.B.	P.L.	883+47.00		883+52.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #3	S.B.	D.L.	887+06.00		887+11.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #3	S.B.	P.L.	887+06.00		887+11.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #3	S.B.	D.L.	895+11.00		895+16.00	1.50	5.00	12.00	6.67	MILLING
LOCATION #3	S.B.	P.L.	895+11.00		895+16.00	1.50	5.00	12.00	6.67	MILLING
TOTAL =									106.67	
USE =									107.00	
									SQ YD	

X6050222 FILLING INLETS, TEMPORARY

LOCATION			X6050222 FILLING INLETS, TEMPORARY (EACH)
LOCATION #1	S.N. 020-0046	S.W. QUADRANT	1.00
LOCATION #1	S.N. 020-0046	S.E. QUADRANT	1.00
LOCATION #3	S.N. 020-0005	S.W. QUADRANT	1.00
LOCATION #3	S.N. 020-0005	S.E. QUADRANT	1.00
LOCATION #3	S.N. 020-0005	N.W. QUADRANT	1.00
LOCATION #3	S.N. 020-0005	N.E. QUADRANT	1.00
TOTAL =			6.00
USE =			6.00
			EACH

70300100 SHORT TERM PAVEMENT MARKING

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

LOCATION			STATION	TO	STATION	70300100 QUANTITY (FT)	APPLY AFTER	COLOR	70300150 QUANTITY (SQ FT)
LOCATION #1	N.B.	SKIP-DASH	1303+22.00		1436+16.50	2,672.00	MILLING & HMA SURFACE	WHITE	445.33
LOCATION #1	N.B.	SKIP-DASH	1436+16.50		1439+30.50	72.00	BRIDGE DECK WORK	WHITE	12.00
LOCATION #1	N.B.	EOP / D.L.	1314+00.00		1436+16.50	252.00	MILLING	WHITE	84.00
LOCATION #1	N.B.	EOP / D.L.	1436+16.50		1439+30.50	12.00	BRIDGE DECK WORK	WHITE	4.00
LOCATION #1	N.B.	EOP / P.L.	1333+00.00		1436+16.50	212.00	MILLING	YELLOW	70.67
LOCATION #1	N.B.	EOP / P.L.	1436+16.50		1439+30.50	12.00	BRIDGE DECK WORK	YELLOW	4.00
LOCATION #2	S.B.	SKIP-DASH	932+98.00		944+00.00	232.00	MILLING & HMA SURFACE	WHITE	38.67
LOCATION #2	S.B.	EOP / D.L.	932+98.00		944+00.00	28.00	MILLING	WHITE	9.33
LOCATION #2	S.B.	EOP / P.L.	932+98.00		944+00.00	28.00	MILLING	YELLOW	9.33
LOCATION #3	S.B.	SKIP-DASH	880+22.00		883+52.00	80.00	MILLING & HMA SURFACE	WHITE	13.33
LOCATION #3	S.B.	EOP / D.L.	880+22.00		883+52.00	12.00	MILLING	WHITE	4.00
LOCATION #3	S.B.	EOP / P.L.	880+22.00		883+52.00	12.00	MILLING	YELLOW	4.00
LOCATION #3	S.B.	SKIP-DASH	887+06.00		895+16.00	176.00	MILLING & HMA SURFACE	WHITE	29.33
LOCATION #3	S.B.	EOP / D.L.	887+06.00		895+16.00	24.00	MILLING	WHITE	8.00
LOCATION #3	S.B.	EOP / P.L.	887+06.00		895+16.00	24.00	MILLING	YELLOW	8.00
TOTAL =						3,848.00		TOTAL =	744.00
USE =						3,848.00		USE =	744.00
						FT			SQ FT

NOTE:
SHORT TERM PAVEMENT MARKINGS WILL BE REMOVED FROM THE FINAL SURFACE ONLY.

MODEL: Schedules (Sheet)
FILE NAME: c:\p\work\proj\regalingad1052821\DS70H53_Schedules.dgn

	USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	(52,53,54,55,57)PP	DEWITT	17	12
		CHECKED -	REVISED -					CONTRACT NO. 70H53				
	PLOT DATE = 12/9/2024	DATE -	REVISED -					ILLINOIS FED.AID PROJECT				
SCALE:		SHEET 1	OF 2	SHEETS	STA.	TO STA.						

SCHEDULE OF QUANTITIES

78001110 PAINT PAVEMENT MARKING - LINE 4"

LOCATION				STATION	TO	STATION	78001110 QUANTITY (FT)	COLOR
LOCATION #1	N.B.	C.L.	SKIP DASH	1303+22.00		1439+30.50	3,420.00	WHITE
LOCATION #1	N.B.	RT.	D.L. EOP	1303+22.00		1439+30.50	13,608.50	WHITE
LOCATION #1	N.B.	LT.	P.L. EOP	1303+22.00		1439+30.50	13,608.50	YELLOW
LOCATION #1	N.B.	RT.	TURN LANE / SECOND ST.				240.00	WHITE
LOCATION #1	N.B.	RT.	TURN LANE / MAIN ST.				260.00	WHITE
LOCATION #1	N.B.	LT.	TURN LANE / MAIN ST.				240.00	WHITE
LOCATION #1	N.B.	LT.	TURN LANE / ELM ST.				240.00	WHITE
LOCATION #1	N.B.	RT.	TURN LANE / HICKORY ST.				270.00	WHITE
LOCATION #1	N.B.	LT.	TURN LANE / WAYNESVILLE RD.				270.00	WHITE
LOCATION #1	N.B.	LT.	TURN LANE / P.E.				210.00	WHITE
LOCATION #2	S.B.	C.L.	SKIP DASH	932+98.00		944+00.00	290.00	WHITE
LOCATION #2	S.B.	RT.	D.L. EOP	932+98.00		944+00.00	1,102.00	WHITE
LOCATION #2	S.B.	LT.	P.L. EOP	932+98.00		944+00.00	1,102.00	YELLOW
LOCATION #3	S.B.	C.L.	SKIP DASH	880+22.00		895+16.00	390.00	WHITE
LOCATION #3	S.B.	RT.	D.L. EOP	880+22.00		895+16.00	1,494.00	WHITE
LOCATION #3	S.B.	LT.	P.L. EOP	880+22.00		895+16.00	1,494.00	YELLOW
TOTAL =							38,239.00	
							(FT)	

78100100 RAISED REFLECTIVE PAVEMENT MARKER

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

LOCATION				STATION	TO	STATION	LENGTH (FT)	78100100 ONE-WAY CRYSTAL QUANTITY (EACH)	78300200 RRPM REMOVAL QUANTITY (EACH)
LOCATION #1	N.B.	C.L.		1303+22.00		1436+16.50	13,294.50	168.00	168.00
LOCATION #1	N.B.	RT. TURN LANE / 2ND ST.					240.00	7.00	7.00
LOCATION #1	N.B.	RT. TURN LANE / MAIN ST.					260.00	8.00	8.00
LOCATION #1	N.B.	LT. TURN LANE / MAIN ST.					240.00	7.00	7.00
LOCATION #1	N.B.	LT. TURN LANE / ELM ST.					240.00	7.00	7.00
LOCATION #1	N.B.	RT. TURN LANE / HICKORY ST.					270.00	8.00	8.00
LOCATION #1	N.B.	LT. TURN LANE / WAYNESVILLE RD.					270.00	8.00	8.00
LOCATION #1	N.B.	LT. TURN LANE / P.E.					210.00	7.00	7.00
LOCATION #2	S.B.	C.L.		932+98.00		944+00.00	1,102.00	15.00	15.00
LOCATION #3	S.B.	C.L.		880+22.00		883+52.00	330.00	6.00	6.00
LOCATION #3	S.B.	C.L.		887+06.00		895+16.00	810.00	12.00	12.00
TOTAL =								253.00	253.00
								EACH	EACH

X0326223 FOAM, EXPANDING POLYURETHANE, HIGH-DENSITY

X5030250 BRIDGE DECK GROOVING (LONGITUDINAL)

Z0029090 DIAMOND GRINDING (BRIDGE SECTION)

LOCATION							X0326223 FOAM, EXPANDING POLYURETHANE HIGH-DENSITY (POUND)	X5030250 BRIDGE DECK GROOVING (LONGITUDINAL) (SQ YD)	Z0029090 DIAMOND GRINDING, BRIDGE SECTION (SQ YD)
LOCATION #1	N.B.	D.L.	1436+16.50		1437+16.50	100.00	12.00	133.33	133.33
LOCATION #1	N.B.	P.L.	1436+16.50		1437+16.50	100.00	12.00	133.33	133.33
LOCATION #1	N.B.	P.L.	1437+80.50		1439+30.50	150.00	12.00	200.00	200.00
LOCATION #1	N.B.	P.L.	1437+80.50		1439+30.50	150.00	12.00	200.00	200.00
LOCATION #1	N.B.	D.L. & SHOULDER	1437+80.50		1438+10.50	30.00	20.50	68.33	1,230.00
LOCATION #1	N.B.	P.L. & SHOULDER	1437+80.50		1438+10.50	30.00	20.50	68.33	1,230.00
TOTAL =							2,460.00	666.67	666.67
USE =							2,460.00	667.00	667.00
							POUND	SQ YD	SQ YD

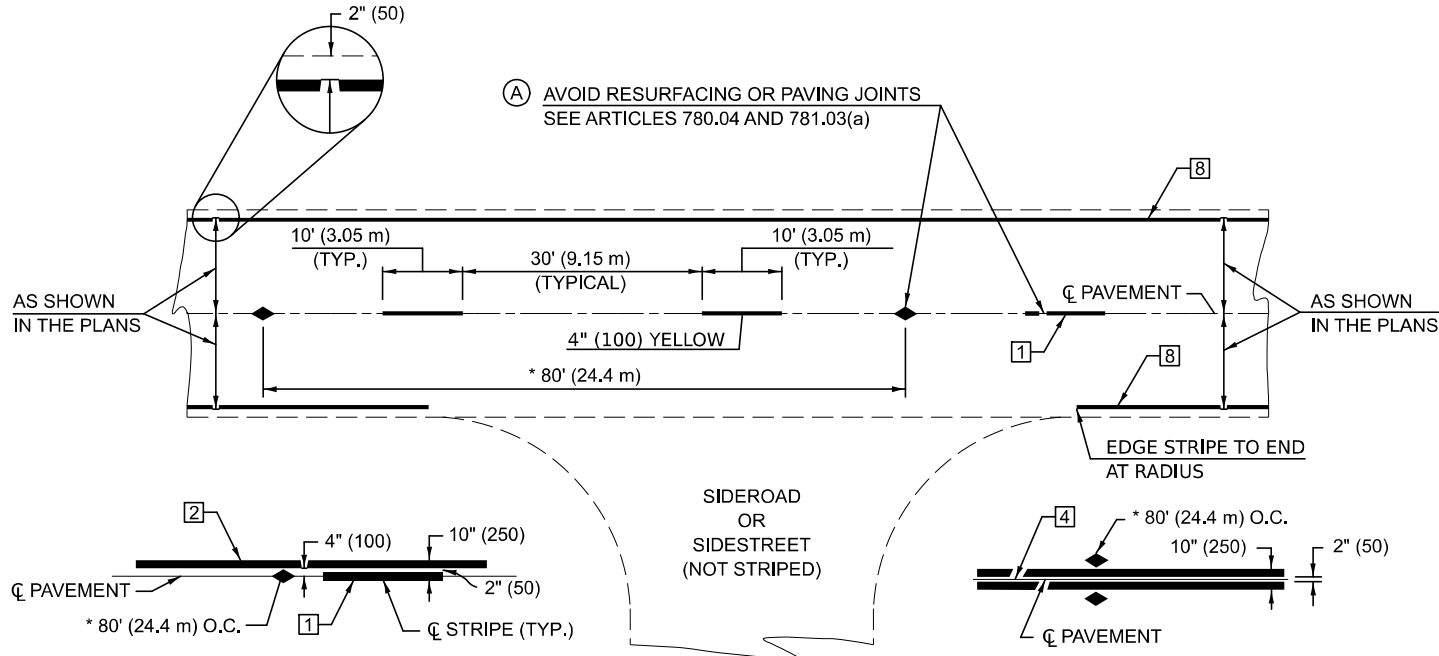
NOTES:

FOAM, EXPANDING POLYURETHANE, HIGH-DENSITY IS CALCULATED TO IMPROVE THE PROFILE OF THE APPROACH PAVEMENT LOCATED ON THE NORTH SIDE OF THE STRUCTURE. THE LENGTH OF IMPROVEMENT IS 30.0 FT AND THE DEPTH CALCULATED FOR THE HIGH-DENISTY FOAM IS 2" AT A RATE OF 12 LBS / CU FT.

DIAMOND GRINDING (BRIDGE SECTION) AND BRIDGE DECK GROOVING (LONGITUDINAL) IS CALCULATED FOR THE APPROACH PAVEMENTS ONLY ON EACH SIDE OF THE STRUCTURE. NO WORK SHALL BE PERFORMED ON THE BRIDGE DECK.

MODEL: Schedule sheet 2 [Sheet]
FILE NAME: c:\p\work\p\work\reg\reg\ad1052821\0570H63_Schedules.dgn

	USER NAME = Greg.Eaglin	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					322	(52,53,54,55,57)PP	DEWITT	17	13
		CHECKED -	REVISED -					CONTRACT NO. 70H53				
	PLOT DATE = 12/9/2024	DATE -	REVISED -		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



SINGLE NO PASSING

DOUBLE NO PASSING

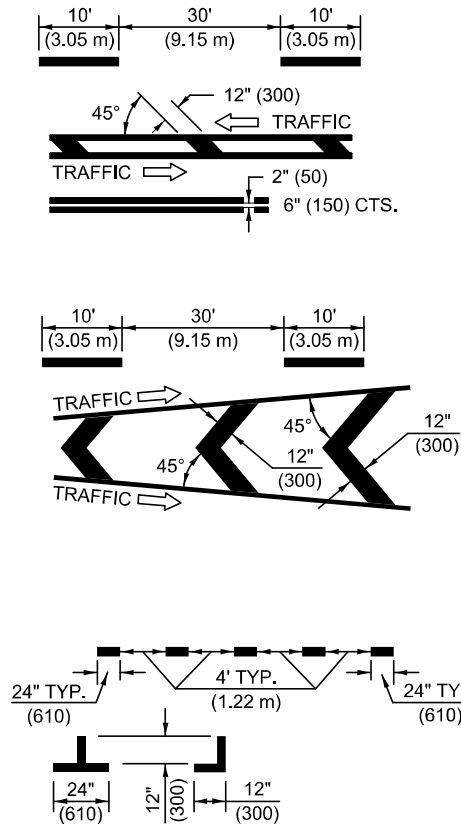
* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LENGEND

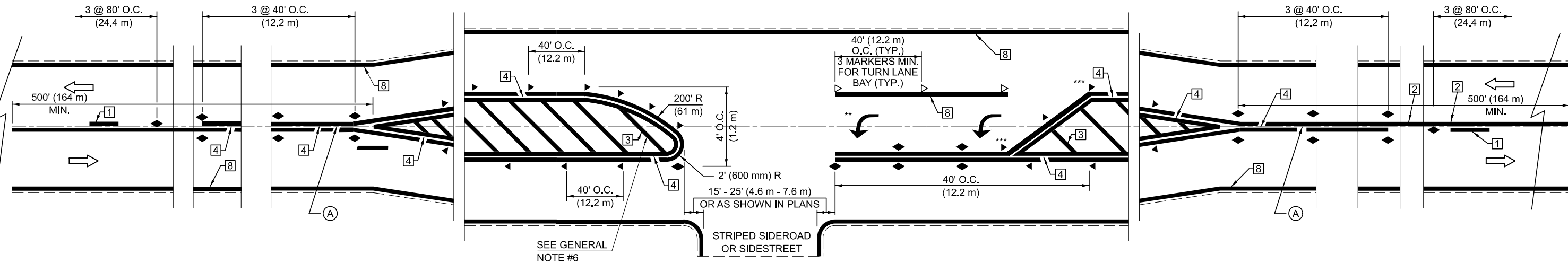
- 4" (100) SKIP-DASH (YELLOW)
- 4" (100) SOLID (YELLOW)
- 12" (300) DIAGONAL (YELLOW)
- 4" (100) DOUBLE YELLOW (NARROW)
- RESERVED
- RESERVED
- 4" (100) SKIP-DASH (WHITE)
- 4" (100) SOLID (WHITE)
- 12" (300) DIAGONAL (WHITE)
- 6" (150) SOLID (WHITE)
- 24" (600) STOP BAR (WHITE)
- 8" (200) SOLID (WHITE)
- 4" (100) LANE LINE EXTENSIONS (WHITE)
- 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LENGEND



- ◆ 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 OF SHEET #2.

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

DISTRICT 5 DETAIL NO. 7800AAAA

USER NAME = Titus,Mood	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 12/3/2024	DATE -	REVISED - 9/2022 JWS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

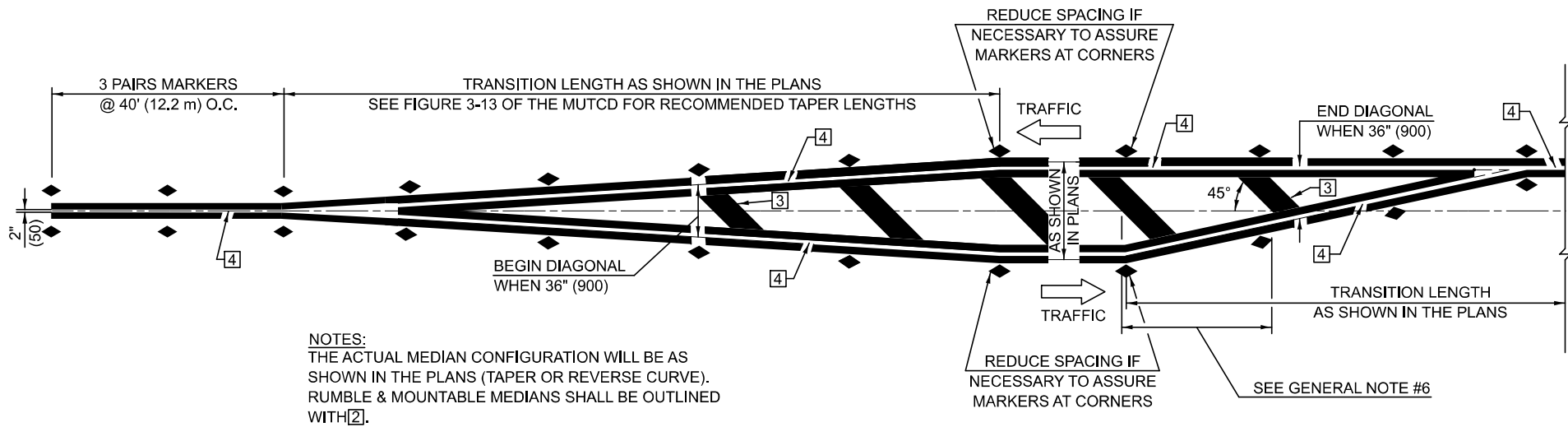
PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	14
CONTRACT NO. 70H53				
ILLINOIS FED. AID PROJECT				

MODEL: 7800AAAA_Sheet 1
FILE NAME: c:\pav_work\pavdetail\illinois.gov\1052821\0570H53-Sht-Detail_7800AAAA.dgn

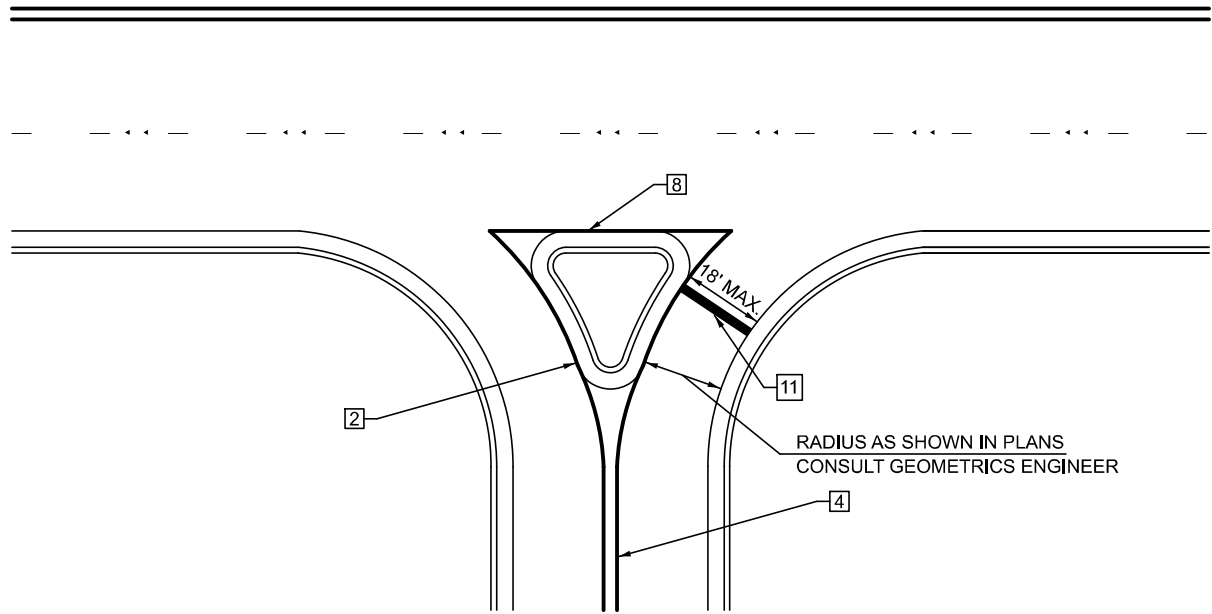
MODEL: 7800AAAA_Sheet 3
FILE NAME: c:\pawork\pawork\illinois.gov\1052821\1052821\0570H53-Sht-Detail_7800AAAA.dgn



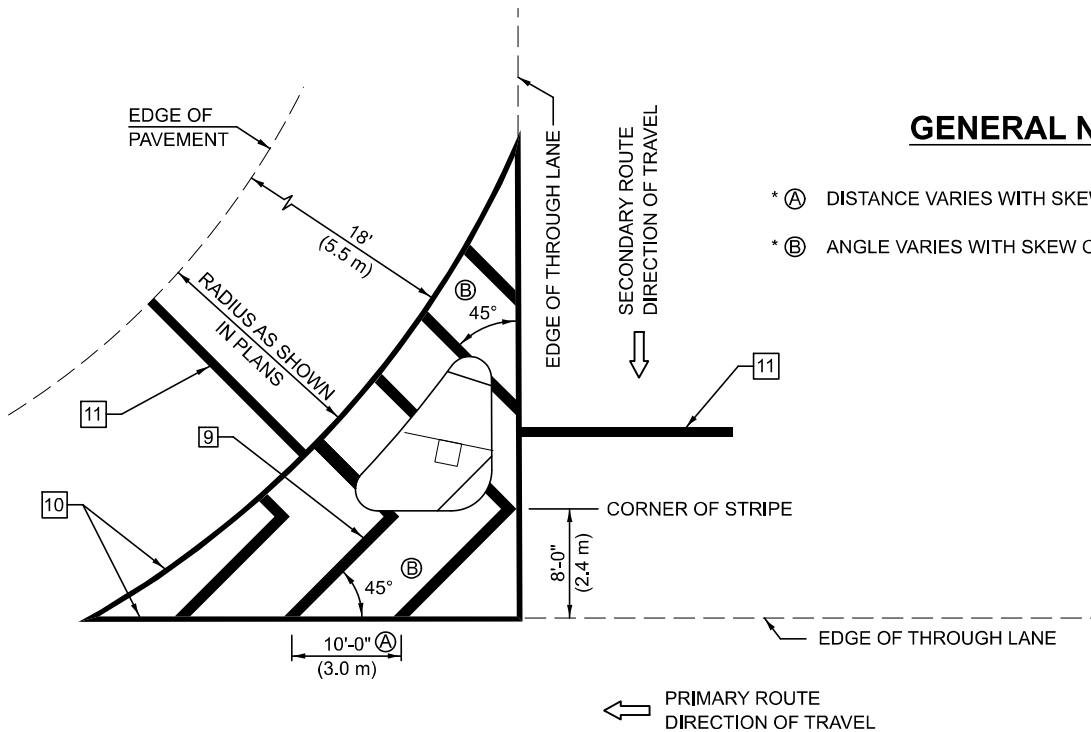
TYPICAL MEDIAN TRANSITIONS

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



GENERAL NOTES

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

ISLAND

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

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

DISTRICT 5 DETAIL NO. 7800AAAA

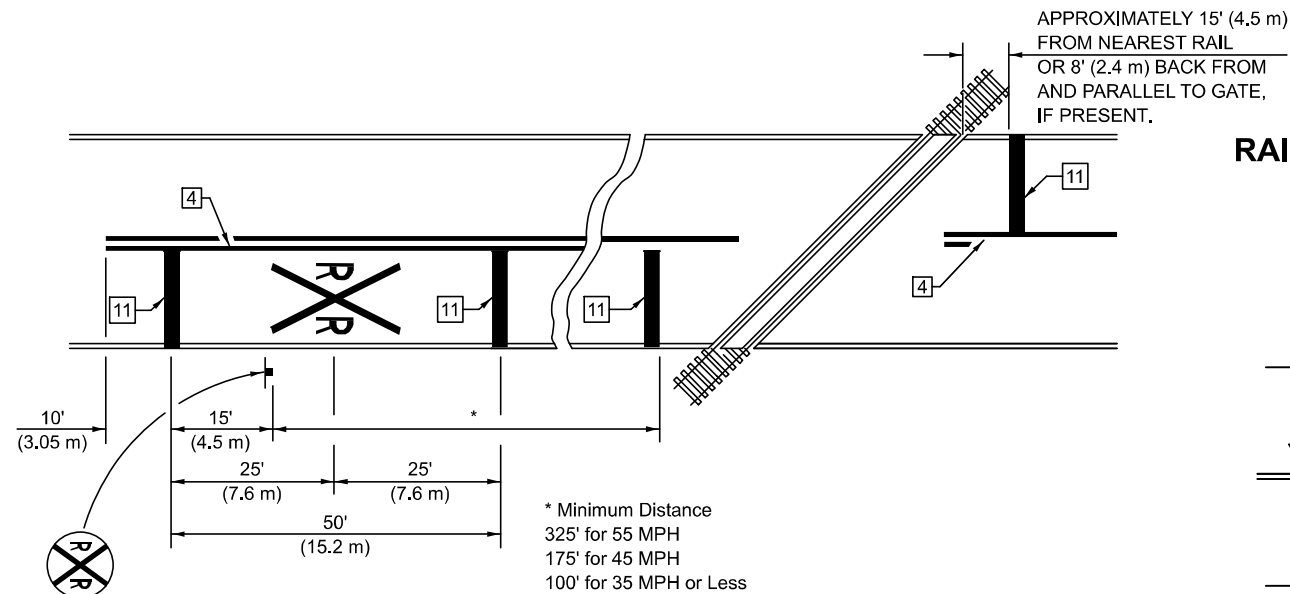
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52,53,54,55,57)PP	DEWITT	17	16
CONTRACT NO. 70H53				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

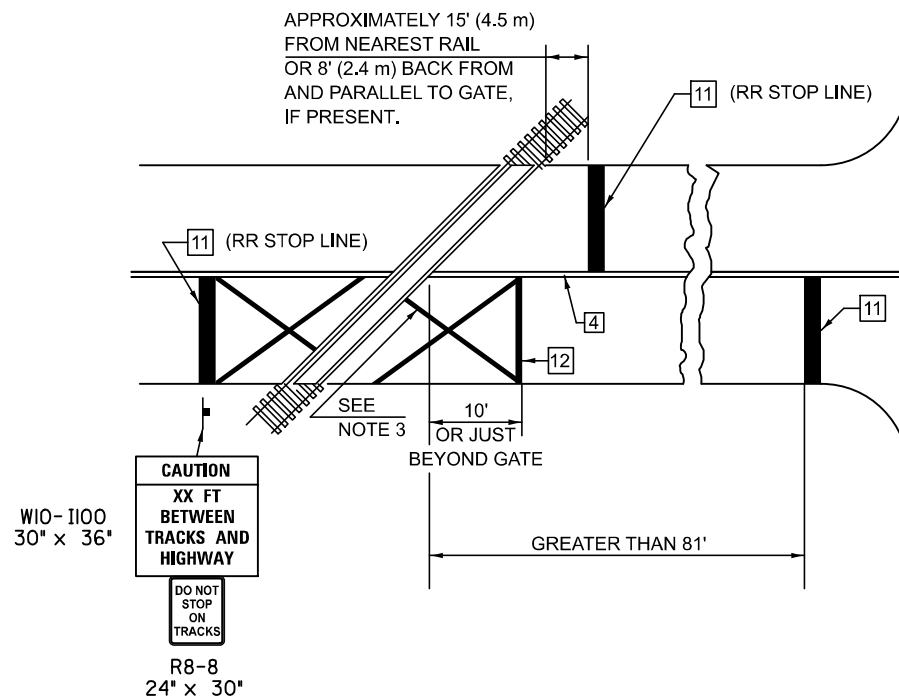
PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)

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

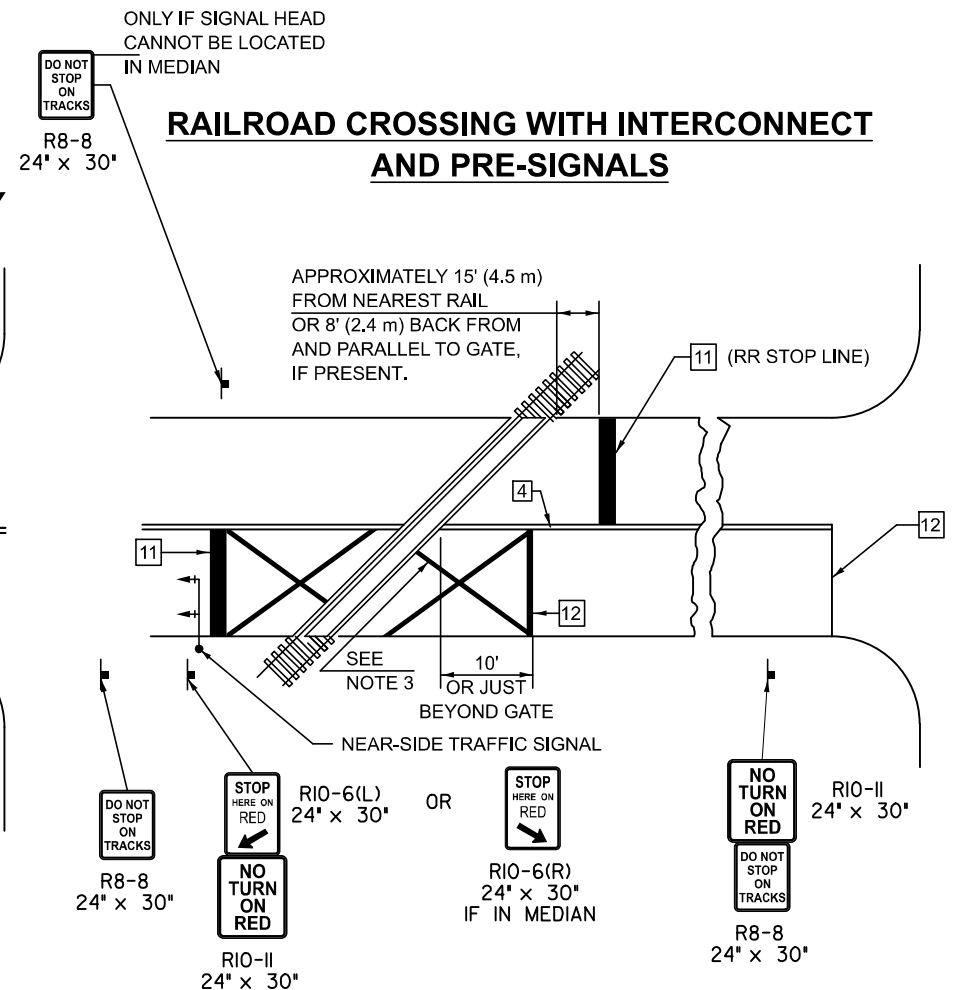
USER NAME = Titus,Mood	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 0.16666633" / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 12/3/2024	DATE -	REVISED - 9/2022 JWS



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

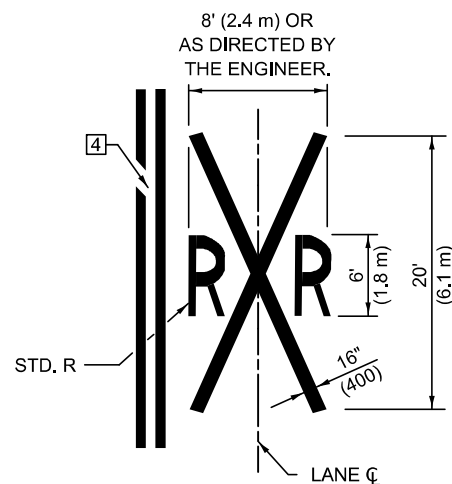


RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



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.



SUPPLEMENT 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.

USER NAME = Titus.Mood	DESIGNED -	REVISED - 4/2014 JLA
	DRAWN -	REVISED - 3/2019 SWN
PLOT SCALE = 0.19666633' / in.	CHECKED -	REVISED - 8/2022 JLA
PLOT DATE = 12/3/2024	DATE -	REVISED - 9/2022 JWS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	(52.53,54,55,57)PP	DEWITT	17	17
		CONTRACT NO. 70H53		
		ILLINOIS FED. AID PROJECT		