07-12-2019 LETTING ITEM 073

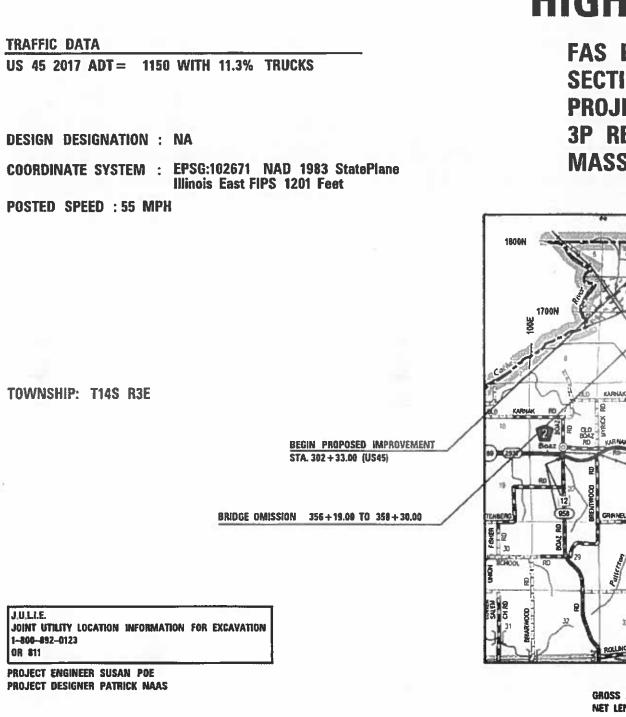
FOR INDEX OF SHEETS, SEE SHEET NO. 3 FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6–7

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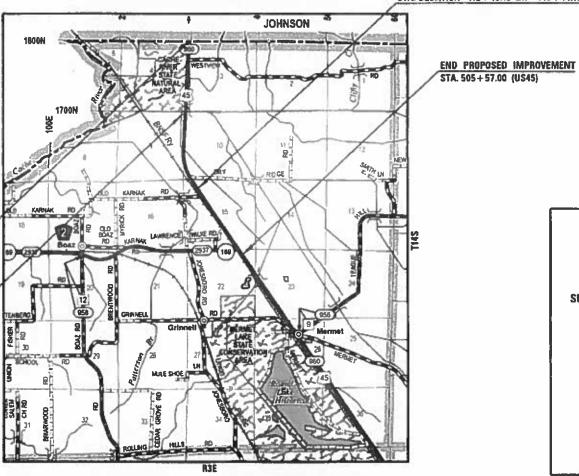


STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

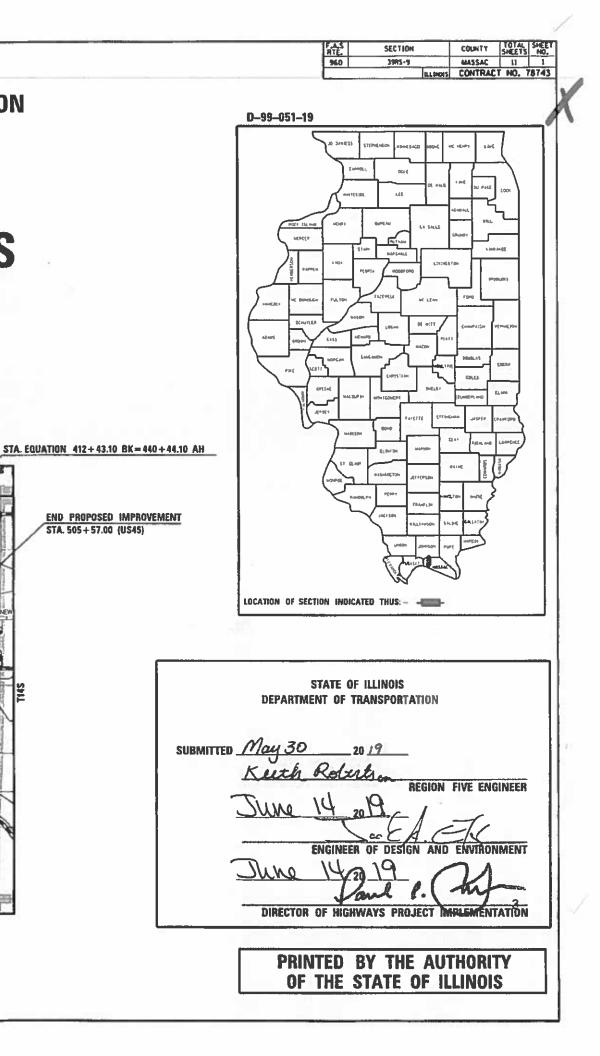
FAS ROUTE 960 (US 45) SECTION 39RS-9 PROJECT STP-5N8Z(028) 3P RESURFACING MASSAC COUNTY

C-99-084-19

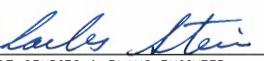


GROSS LENGTH = 17,523.00 FT. = 3.319 MILE NET LENGTH = 17,312.00 FT. = 3.279 MILE

CONTRACT NO. 78743



2	FDVI FS	USER NAME = naasdo	DESIGNED -	REVISED			DISTRICT
	Principal and Child				Examined	By:	DISTRIC
	oument stillo1_Off				Examined		
	នេះរដ្ឋាភិបាលសារ				Examined		DISTRICT
	afs - mussue colfa				Examined	0	DISTRICT
5	DData,CADsheetsiD						DISTRICT
	Lease Sivers dan				Examined		
					Examined		DISTRICT
					Prepareo	d By:	
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CT STUDIES & PLANS ENGINEER

CT LAND ACQUISITION ENGINEER

i The and the owner where the owner w PROGRAM DEVELOPMENT ENGINEER IN OPERATIONS ENGINEER PROJECT IMPLEMENTATION ENGINEER CONSTRUCTION ENGINEER MATERIALS ENGINEER COUNTY TOTAL SHEET SHEETS NO. MASSAC 11 2 CONTRACT NO. 78743 F.A.S. RTE SECTION EET 39R5-9 960 STA. TO STA ILLINOIS FED AID PROJE

LIST OF STANDARDS

000001-07 STANDARD SYMBOLS ABBREVIATIONS & PATTERNS 001001-02 AREAS OF REINFORCE BARS 001006 DECIMAL OF INCH & FOOT 442201-03 CLASS C & D PATCHES 701006-05 OFF RD OP-2L 2W-15 FT TO EOP 701011-04 OFF RD MOVING OP - 2L 2W- DAY ONLY 701301-04 LN CLOSURE 2L 2W - SHORT TIME OP 701306-04 LN CLOSURE 2L 2W - SLOW MOVE OP DAY ONLY 45 MPH OR MORE 701311-03 LN CLOSURE 2L 2W - MOVING OP DAY ONLY 701336-07 LN CLOSURE 2L 2W - WORK AREAS IN SERIES 45 MPH OR MORE 701901-08 TRAF CNTRL DEVICES 780001-05 TYPICAL PVMT MARKINGS 781001-04 TYPICAL APP RAISED REFLC PVMT MRKRS

INDEX	OF	SH
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1	COVER SHEET
2	SIGNATURES SHEET
3	LIST OF STANDARDS
4	GENERAL NOTES / C
5	MIXTURE REQUIREME
6 - 7	SUMMARY OF QUANTI
8	TYPICAL SECTION
9-10	SCHEDULE OF QUANT
11	DETAIL SHEET: UN

MTD CROSSING RESTRICTIONS TABLE

SN & CENTERLINE STATION ROUTE(US45)	EXISTING FILL Height over Box culvert (Foot)	THICKNESS OF EXISTING Pavement over Box culvert (Foot)	MTD CROSSING RESTRICTIONS
SN 064-0044 (STA. 357+10)	NA	NA	UNLOADED MTD ALLOWED

USER NAME = naasdp	DESIGNED -	REVISED -						
	DRAWN -	REVISED -	STATE OF ILLINOIS		LIST OF ST	TANDARI	DS /INI	DEX
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					
PLOT DATE = 5/30/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA,

IEETS

S / INDEX OF SHEETS COMMITMENTS HENTS TITIES TITES NEVEN LANE SIGN, ROUGH GROOVED SURFACE SIGN

			F.A.S RTE	SEC	FION		COUNTY	TOTAL SHEETS	SHEET NO.
N	DEX OF	SHEETS	960	39F	S-9		MASSAC	11	3
_			_				CONTRACT	NO. 78	3743
S	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		
_									

GENERAL NOTES

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT

2.016 TONS/CU. YD.

ALL AGGREGATE 2.05 TONS/CU. YD.

THE QUANTITY OF SHORT TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, BINDER COURSE, AND SURFACE COURSE

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 300 FT INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2 IN. TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

HMA RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 2,000 FT, THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY. PRIOR TO WINTER SHUTDOWN, RESURFACING ON ADJACENT LANES IS TO BE BROUGHT UP TO THE SAME ELEVATION.

PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS THE RESIDENT ENGINEER SHALL CONTACT THE BUREAU OF OPERATIONS AND ARRANGE FOR INSPECTION AND APPROVAL OF THE PAVEMENT MARKING LAYOUT.

AFTER A LIFT OF HOT MIX ASPHALT HAS BEEN PLACED, THE LANE SHALL REMAIN CLOSED TO TRAFFIC UNTIL THE NEW MAT HAS COOLED TO 150 DEGREES FAHRENHEIT

THE CONTRACTOR SHALL COMPLETE ALL PATCHING PRIOR TO THE HOT MIX ASPHALT SURFACE REMOVAL.

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ONLY ESTIMATES. THE ACTUAL AMOUNT OF PATCHING DONE SHALL BE DETERMINED BY THE ENGINEER.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

A QUANTITY OF AGGREGATE SHOULDERS, TYPE B HAS BEED ADDED TO THE CONTRACT. ACTUAL QUANTITY AND LOCATION TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

COMMITMENTS: NONE

USER NAME = naasdp	DESIGNED -	REVISED -							F.A.S RTF	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
	DRAWN -	REVISED -	STATE OF ILLINOIS		GENERAL NO		OMMITMENTS		960	39RS-9	MASSAC	11	4
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRAC	T NO. 787	43
PLOT DATE = 5/30/2019	DATE -	REVISED -		SCALE:	SHEET OF	SHEETS	S STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

MIXTURE REQUIREMENTS

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AB/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	1 L - 9 . 5nm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	TBD

Locations	Hot-Mix Asphalt Leveling Binder
Mixture Use(s):	Hot-Mix Asphalt Leveling Binder, N70 Fine Graded
AB/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	1L-9.5mm Fine Graded
Friction Aggregate:	None
Mixture Weight:	112 Ibs/Sq Yd/in
Quality Management Program:	QCP
Sublot Size:	800 Tons

Locations	Pavement Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
AB/PG:	PG64-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-19.0mm
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCQA
Sublot Size:	NA

USER NAME = naasdp	DESIGNED -	REVISED -							F.A.S BTE	SECTION	COUNTY TOTAL	AL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS			MIXTUR	E REQUIREMENTS		960	39RS-9	MASSAC 11	5
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRACT NO.	78743
PLOT DATE = 5/30/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	AID PROJECT	

SUMMARY OF QUANTITIES ITEM DESCRIPTION UUS MATERIALS (TACK COAT) G BINDER (MACHINE METHOD), IL-9.5FG, N70 RY RAMP ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	UNIT POUND POUND TON SQ YD TON SQ YD SQ YD	ROUTE: FUNDING: LOCATION: TOTAL QUANTITY 32,460 2,045 189 189 4,060 48,089 48,089	US 45 80% FED / 20% STATE RURAL ROADWAY 0005 32,460 2,045 189 189 4,060
DUS MATERIALS (TACK COAT) G BINDER (MACHINE METHOD), IL-9.5FG, N70 RY RAMP ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	POUND POUND TON SQ YD TON SQ YD SQ YD	LOCATION: TOTAL QUANTITY 32,460 2,045 2,045 189 4,060	RURAL ROADWAY 0005 32,460 2,045 189 4,060
DUS MATERIALS (TACK COAT) G BINDER (MACHINE METHOD), IL-9.5FG, N70 RY RAMP ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	POUND POUND TON SQ YD TON SQ YD SQ YD	TOTAL QUANTITY 32,460 2,045 2,045 189 4,060	ROADWAY 0005 32,460 2,045 189 4,060
DUS MATERIALS (TACK COAT) G BINDER (MACHINE METHOD), IL-9.5FG, N70 RY RAMP ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	POUND POUND TON SQ YD TON SQ YD SQ YD	QUANTITY QUANTTY QUAN	0005 32,460 2,045 189 4,060
DUS MATERIALS (TACK COAT) G BINDER (MACHINE METHOD), IL-9.5FG, N70 RY RAMP ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	POUND POUND TON SQ YD TON SQ YD SQ YD	32,460 2,045 189 4,060	32,460 2,045 189 4,060
G BINDER (MACHINE METHOD), IL-9.5FG, N70 RY RAMP ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	TON TON SQ YD TON TON SQ YD	2,045 2,045 189 4,060	2,045 189 4,060
G BINDER (MACHINE METHOD), IL-9.5FG, N70 RY RAMP ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	TON TON SQ YD TON TON SQ YD	2,045 2,045 189 4,060	2,045 189 4,060
ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD TON SQ YD SQ YD	4,060	189
ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD TON SQ YD SQ YD	4,060	189
ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	TON SQ YD	4,060	4,060
ASPHALT SURFACE COURSE, MIX "C", N70 ASPHALT SURFACE REMOVAL, 2 1/4"	TON SQ YD	4,060	4,060
ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD		
ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD		
		48,089	48,089
PATCHING TYPE I 14 INCH			
PATCHING TYPE I 14 INCH			
		2	2
F PATCHING, TYPE II, 14 INCH	SQ YD	100	100
		45	
F PATCHING, TYPE III, 14 INCH	SQ YD	45	45
F PATCHING, TYPE IV, 14 INCH	SQ YD	40	40
TE SHOULDERS, TYPE B	TON	110	110
	L SUM	1	1
		1	1
	TE SHOULDERS, TYPE B ATION	ATION L SUM	ATION LSUM 1

SUMMARY	OF	QUANTITIES
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USER NAME = naasdp DESIGNED -REVISED -STATE OF ILLINOIS SUMMARY OF QU DRAWN -REVISED -PLOT SCALE = 100.0000 ' / in. CHECKED -REVISED -DEPARTMENT OF TRANSPORTATION SHEET OF SHEETS PLOT DATE = 5/30/2019 DATE REVISED -SCALE:

				SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.
1UA	DUANTITIES		960	39R	S-9		MASSAC 11 6		
							CONTRACT	NO. 78	3743
TS	STA.	TO STA.			ILLINOIS	FED. AI	ID PROJECT		

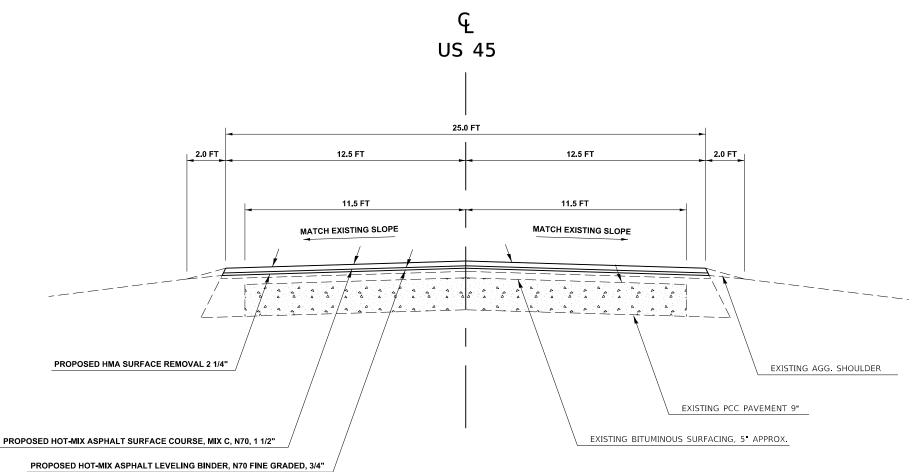
SUMMARY	OF	QUANTITIES	-	CONT
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			COUNTY :	MASSAC
	SUMMARY OF QUANTITIES - CONT		ROUTE :	US 45
			FUND I NG :	80% FED / 20% STATE
			LOCATION:	RURAL
CODE	ITEM DESCRIPTION	UNIT	TOTAL	ROADWAY
NUMBER			QUANTITY	0005
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	28	28
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,721	4,721
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,574	1,574
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	39,300	39,300
,0500220				55,500
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	39,300	39,300
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	211	211
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	211	211
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	13,100	13,100
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	17,312	17,312
Z0034105	MATERIAL TRANSFER DEVICE	TON	6,105	6,105

* SPECIALTY ITEM

USER NAME = naasdp	DESIGNED _	REVISED -								F.A.S BTE	SECTION	COUNTY TOTAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		5	SUMMAR		ANTITIES		960	39RS-9	MASSAC 11 7
PLOT SCALE = 100.0000 ' / In.	CHECKED _	REVISED _	DEPARTMENT OF TRANSPORTATION		-			-				CONTRACT NO. 78743
PLOT DATE = 5/30/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		[ILLINOIS FED. A	AID PROJECT

REV. - MS



TYPICAL SECTION STA. 302+33.00 TO 505+57.00

USER NAME = naasdp	DESIGNED -	REVISED -					F.A.S RTE	SECTION	COUNTY	TOTAL SHEET			
	DRAWN -	REVISED -	STATE OF ILLINOIS			TYP	ICALS: US	S 45		960	39RS-9	MASSAC	11 8
PLOT SCALE = 5.0000 / in	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRAC	T NO. 78743
PLOT DATE = 5/30/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FE	D. AID PROJECT	

NOTE: LONGITUDINAL JOINT SEALANT SHALL BE APPLIED UNDER THE SURFACE COURSE AT THE CENTER LINE.

RESURFACING SCHEDULE

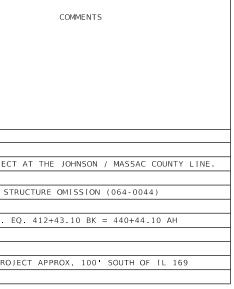
LOCATION STATION	LENGTH	PVMNT. WIDTH	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/4"	LEVELING BINDER (MACHINE METHOD) IL-9.5FG N70	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N70	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP	LONGITUDINAL JOINT SEALER	
				3/4 INCH	1 1/2 INCH				
	(FEET)	(FEET)	(SQ YD)	(TON)	(TON)	(POUND)	(SQ YD)	(FOOT)	
US 45									
302+33.00							20.8		BEGIN PROJEC
302 + 33.00 TO 356 + 19.00	5386.00	25.0	14961	636	1263	10099		5386	
356 + 19.00 TO 358 + 30.00									ST
358 + 30.00 TO 412 + 43.10	5413.10	25.0	15036	639	1269	10150		5413	
STA. EQ. 412+43.10 BK = 440+44.10 AH									STA.
440 + 44.10 TO 505 + 57.00	6512.90	25.0	18091	769	1527	12212		6513	
503 + 80.00 TO 505 + 57.00							147.5		
505+57.00							20.8		END PRO
TOTALS			48089	2045	4060	32460	189	17312	
PITIMINOUS MATERIALS TACK COAT AT (A)	OSLR/SO ET)	ON MULED			T) BETWEEN HMA				

- BITUMINOUS MATERIALS TACK COAT AT (0.05LB/SQ FT) ON MILLED SURFACE AND (0.025LB/SQ FT) BETWEEN HMA LIFTS

- TEMPORARY RAMP QUANTITY SHOWN IS FOR 2 RAMPS AT THE SPECIFIED LOCATION. 1 RAMP AFTER MILLING OPERATIONS AND 1 RAMP AFTER HMA BINDER PLACEMENT.

- AN ADDITIONAL BINDER AND SURFACE QUANITITY HAS BEEN ADDED TO ACCOUNT FOR BITUMINOUS WEDGE THAT MAY BE REQUIRED AFTER MILLING OPERATIONS.

USER NAME = naasdp	DESIGNED -	REVISED -							F.A.S RTE	SECTION	COUNTY SH	OTAL SHEET HEETS NO.	
	DRAWN -	REVISED -	STATE OF ILLINOIS			S	CHEDULE	S		960	39RS-9	MASSAC	11 9
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION									CONTRACT N	IO. 78743
PLOT DATE = 5/30/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FI	ED. AID PROJECT	

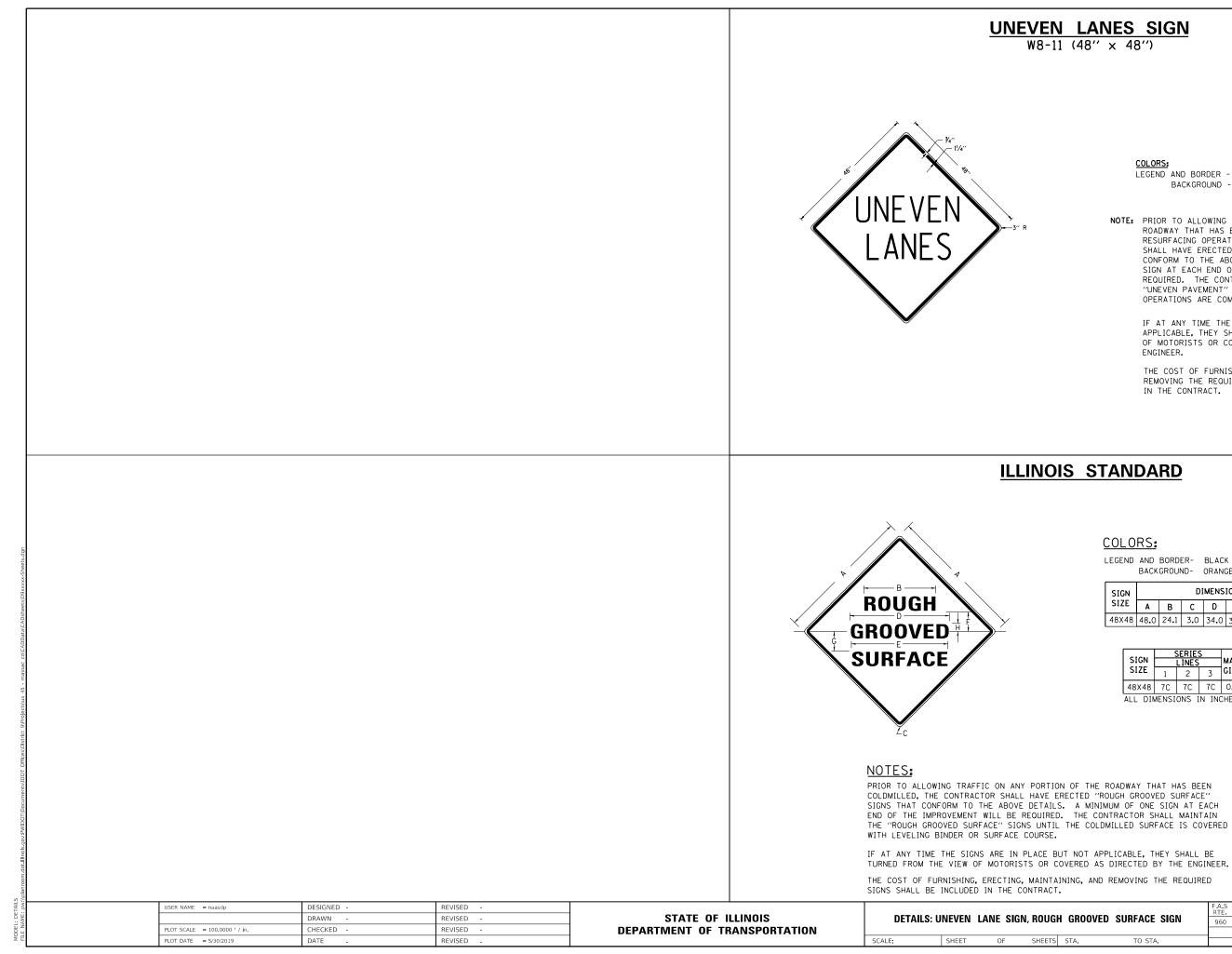


COMMENTS	NG	AVEMENT MARKI	RMOPLASTIC P	THE	LENGTH	LOCATION
		4 INCH	LINE 4			STATION
		от	FC			
	RIGHT	ITER	CEN	LEFT		
	EDGE	NE	LI	EDGE		
	OF			OF		
	PVMNT			PVMNT		
	SOLID	SKIP DASH	SOLID	SOLID		
	(YELLOW)	(WHITE)	(WHITE)	(YELLOW)	(FEET)	
						US 45
BEGIN PROJECT AT THE JOHNSON / MAS	348	87	348	348	348.00	302 + 33.00 TO 305 + 81.00
	5038	1260		5038	5038.00	305 + 81.00 TO 356 + 19.00
STRUCTURE OMISSION (064		0				356 + 19.00 TO 358 + 30.00
	5413	1353		5413	5413.10	358 + 30.00 TO 412 + 43.10
STA. EQ. 412+43.10 BK = 440						STA. EQ. 412+43.10 BK = 440+44.10 AH
END PROJECT APPROX 100 SOUT	6513	1628		6513	6512.90	440 + 44.10 TO 505 + 57.00
	17312	4328	348	17312		SUB TOTALS
		300	393			TOTALS

PAVEMENT MARKING SCHEDULE

USER NAME = naasdp	DESIGNED -	REVISED -							F.A.S BTE	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
	DRAWN -	REVISED -	STATE OF ILLINOIS				CHEDULES		960	39RS-9	MASSAC	11 10
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION								CONTRAC	T NO. 78743
PLOT DATE = 5/30/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS F	ED. AID PROJECT	

SSAC COUNTY LINE.	
- 0044)	
0+44.10 AH	
TH OF IL 169	



LEGEND AND BORDER - BLACK NON-REFLECTORIZED BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

> IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

		REVI	SIONS
		DRAWN	2-15-89
		REVISED	4-06-93
		REDSIGNED	7-23-04
		RESIZED	5-08-08
STD.	9-41	REVIEWED	5-17-13

LEGEND AND BORDER- BLACK NON-REFLECTORIZED BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	Α	В	С	D	Е	F	G	Н	
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5	

		SERIE	S			BLANK	
SIGN		LINES					
SIZE	1	2	3	GIN	DER	STD.	
48X48	7C	7C	7C	0.8	1.2	B4-48D	
ALL DIMENSIONS IN INCHES							

BUT NOT APPLICABLE, THEY SHALL E COVERED AS DIRECTED BY THE ENGI TAINING, AND REMOVING THE REQUIRE CT.		STD.	9-39	REDR REVI REVI	SED SED 3-	NS -15-89 4-6-93 -27-08 -17-13	
	F.A.S RTE	SECTION	ON	COL	JNTY	TOTAL SHEETS	SHEET NO.
GH GROOVED SURFACE SIGN	960	39RS-9		MAS	MASSAC		11
1				CON	TRACT	NO. 7	8743
TS STA. TO STA.		I	LLINOIS FED.	AID PROJE	ст		