STATE OF ILLINOIS

VARIOUS 23 1 2019 031 RS RAV.

D-91-153-19

DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN: THE VILLAGE OF ADDISON THE CITY OF CHICAGO THE VILLAGE OF ELK GROVE THE VILLAGE OF ITASCA THE VILLAGE OF NORTHBROOK THE VILLAGE OF ROLLING MEADOWS THE VILLAGE OF SCHAUMBURG THE VILLAGE OF SKOKIE THE VILLAGE OF WILMETTE

FOR TRAFFIC DATA SEE SHEET NO. 5

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES VARIOUS EXPRESSWAY ROUTES - NORTHERN REGION SECTION: 2019-031-RS PATCHING (INTERMITTENT RESURFACING) **COOK AND DUPAGE COUNTIES** C-91-364-19

FOR GENERAL LOCATION MAP, SEE SHEET NO. 4



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

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432 PROJECT MANAGER: FAWAD AQUEEL (847)705-4247

CONTRACT NO. 62J09

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

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INDEX OF SHEETS

STATE STANDARDS

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
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2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
3	SUMMARY OF QUANTITIES	701401-12	LANE CLOSURE, FREEWAY/EXPRESSWAY
4	GENERAL LOCATION MAP	701411-09	MULTI-LANE, TRAFFIC CONTROL AT ENTRANCE OR EXIT RAMPS
5	ROUTE INFORMATION	701426-09	MULTI-LANE, INTERMITTENT OR MOVING OPERATION
6	SUMMARY OF INTERMITTENT RESURFACING SCHEDULE	701428-01	TRAFFIC CONTROL SETUP & REMOVAL FREEWAY/EXPRESSWAY
		701446-09	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
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14	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701456-05	PARTIAL RAMP CLOSURE FREEWAY/EXPRESSWAY
15	ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)	701901-08	TRAFFIC CONTROL DEVICES
16	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE (TC-09)		
17-18	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (TC-12)		
19	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)		
20	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK OPENINGS ON FREEWAYS/EXPRESSWAYS (TC-18)	ZONE	
21	TRAFFIC CONTROL DETAILS FOR FREEWAY CENTER LANE CLOSURE SHO	DULDER LANE (TC-	25)
22	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)		
23	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)		

HOT-MIX ASPHALT MIXTURE REQUIREMENTS							
MIXTURE TYPE	AIR VOIDS(%) @ N _{DES.}	PROGRAM (QMP)					
RESURFACING							
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 2"	3.5% @ 80 GYR	QC/QA					
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE(QC/QA); QUALITY COPAY FOR PERFORMANCE(PFP)	ONTROL FOR PERFO)RMANCE(QCP);					

THE UNIT WEIGHT USED TO CALCULATE ALL HOT MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

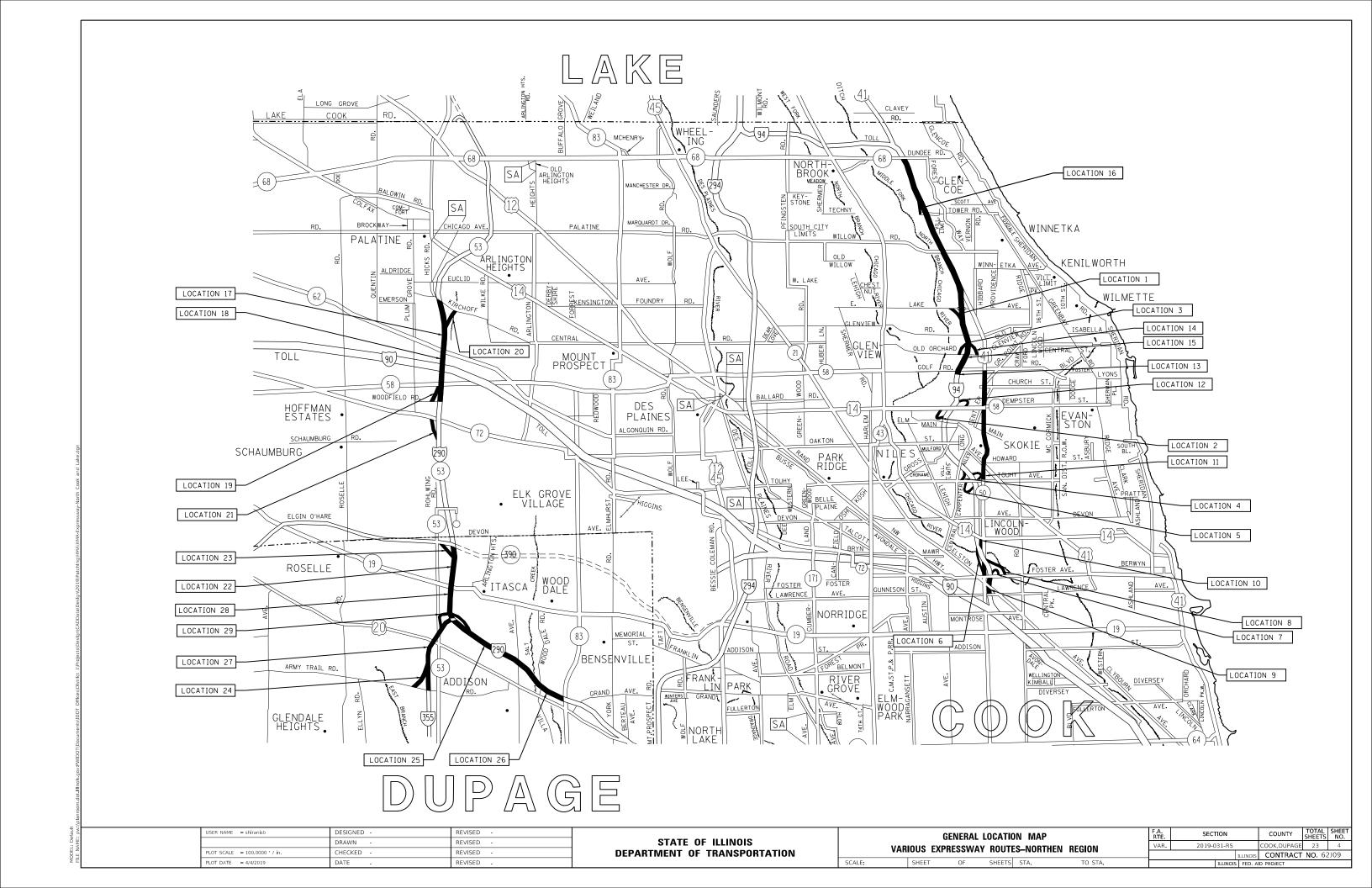
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES

GENERAL NOTES

- 1. NO WORK SHALL BE PERFORMED ON ANY BRIDGES OR ELEVATED STRUCTURES.
- 2. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE (OR TOLLWAY) PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT (OR ISTHA)
- 3. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- 4. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 5. ALL INTERMITTENT RESURFACING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 6. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 7. THE ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER AT (847) 705-4153 MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 8. THE EXISTING ROADWAY TYPICAL SECTION IS ASSUMED TO HAVE A 3 INCH HOT-MIX ASPHALT OVERLAY ON TOP OF A TEN INCH CONCRETE BASE.
- 9. ALL INTERMITTENT RESURFACING LOCATIONS SHOWN IN THE PLANS ARE TWO (2) INCH MILL AND RESURFACE ONLY. THE MINIMUM WIDTH FOR INTERMITTENT RESURFACING SHALL BE THREE (3) FEET.
- 10. THE COST OF ANY PARTIAL OR FULL DEPTH PATCHING REQUIRED AFTER THE REMOVAL OF THE EXISTING 2 INCH HOT-MIX ASPHALT SURFACE SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- 11. ANY DETECTOR OR INDUCTION LOOPS DAMAGED BY MILLING SHALL BE REPLACED IN KIND. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO QUANTIFY LOOP REPLACEMENTS NEEDED AND PROVIDE THE RESIDENT ENGINEER THIS INFORMATION PRIOR TO GRINDING OR REMOVAL.
- 12. NO PATCHING OR RESURFACING IS TO BE DONE WITHIN FIFTY (50) FEET OF ANY RAILROAD
- 13. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER. A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).

	USER NAME = shiranisb	DESIGNED -	REVISED -	
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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
	PLOT DATE = 4/4/2019	DATE -	REVISED -	

	CHAMADY OF CHANTITIES				C	ONSTRUCT	ION TYPE (CODE				N 05 01111-1-1-1				C	ONSTRUCTION TYPE	CODE	
	SUMMARY OF QUANTITIES	1	URBAN	100% STATE	100% STATE					1	SUMMAF	RY OF QUANTITIES		URBAN	100% STATE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES							CODE NO		ITEM	UNIT	TOTAL QUANTITIES					
CODE NO	I I LIW	UNIT	GUANTITIES	COOK COUNTY	DUPAGE COUNTY					CODE NO		IILW	UNIT	QUANTITIES	COOK COUNTY				
				0005	0005				-	-					0005	0005			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5837	3641	2196					* 78004355	PREFORMED PL	ASTIC PAVEMENT MARKING,	FOOT	8700	6200	2500			
											TYPE D - INL	AID - LINE 5"							
40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	21	13	8														
	FLANGEWAYS									* 78100100	PAISED PEFLE	CTIVE PAVEMENT MARKER	EACH	277	101	276			
	LONGENALS	1							1	78100100	MAISED REFEE	CTIVE TAVEMENT MARKER	LACII	377	101	210			
									1										
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SO YD	390	243	147					78300200	RAISED REFLE	CTIVE PAVEMENT MARKER	EACH	377	101	276			
	JOINT										REMOVAL								
									İ										
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SO YD	12969	8090	4879				1	* 88600600	DETECTOR LOO	P REPLACEMENT	FOOT	201	147	54			
11000151		30 .5	12303	3030						* 5555555		. NE ERGEMENT			• • •				
		1							1										
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3. 6	2. 4				<u> </u>	X4060004	POLYMERIZED	HOT-MIX ASPHALT SURFACE	TON	1454	907	547			
											COURSE, STON	E MATRIX ASPHALT, 9.5, N80							
67100100	MOBILIZATION	L SUM	1	0.6	0. 4														
										x7010410	SPEED DISPLA	Y TRAILER	CAL MO	1	0.6	0. 4			
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	836	567	269				1										
10300320	TAVEMENT MAINTING TALE, THE TILL 4	1001	030	301	203				<u> </u> 										
									<u> </u>	X7011015	TRAFFIC CONT	ROL AND PROTECTION	L SUM	1	0.6	0. 4		1	
78000100	THERMOPLASTIC PAVEMENT MARKING -	SO FT	72	36	36						(EXPRESSWAYS)							
,	LETTERS AND SYMBOLS																		
										700107025	CHANGEABLE M	ESSAGE SIGN	CAL DA	30	18. 7	11.3			
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	8693	6141	2552													1	
,	4"									x7030005	TEMPORARY PA	VEMENT MARKING REMOVAL	SO FT	373	284	89			
									1										
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE	F00T	493	93	400														
	6"																		
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	746	516	230														
	8"																		
	-																		
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE	F00T	25	25				 											
	12"																		
							* SP	ECIALTY I	TEM										[]
	USER NAME = shiranisb DES	SIGNED -		REVISED	<u> </u>							A MANILO	RY OF QUANT	 TIFS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
		AWN - ECKED -		REVISED REVISED			_			ILLINOIS	TION	VARIOUS EXPRESSW			ION	VAR.	2019-031-RS	COOK, DUPAGE	23 3
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		ROUTE II	NFORM	ATION		F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
ΔR	ו פווחו	EXPRESSWAY	ROUTE	S_NORTHEN	REGION	VAR.	2019-031-RS		COOK, DUPAGE	23	5
A11	1000 1	LAI IILOOVVAI	110011	.o-Nonthien	IILGIOIV		IL	LINOIS	CONTRACT	NO. 62	2109
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. AI	ID PROJECT		$\neg \neg$

		HMA 2" MIL
	SUMMARY - COOK COUNTY EXPRESSWAY ROUTES (LOCATION 1-16)	& RESURFAC
		(SY)
LOC. 1	Edone SD (Lake entrance ramn)	33
LUC. I	Edens SB (Lake entrance ramp)	33
LOC. 2	Edens SB to EB (Dempster ramp)	68
LOC. 3	Edens SB (Old Orchard ramp)	167
LOC. 4	Edens SB to WB (Touhy ramp)	53
LOC. 5	Edens SB to EB (Touhy ramp)	240
LOC. 6	Edens SB (Cicero exit)	33
LOC. 7	Edens NB (Foster exit ramp)	13
LOC. 8	Edens (Foster entrance ramp)	13
LOC. 9	Edens (at RR Bridge)	13
LOC. 10	Edens EB to NB (at Peterson)	13
LOC. 11	Edens NB to EB (Touhy exit point)	500
LOC. 12	Edens WB to NB (Dempster)	8
LOC. 13	Edens NB (over Golf Road)	56
LOC. 14	Edens NB (Old Orchard entrance ramp)	3,000
LOC. 15	Edens NB (at Skokie bike path)	8
LOC. 16	Edens SB (Towe Road exit)	40
	TOTAL =	4,258
		SY

		HMA 2" MILL
	SUMMARY - COOK COUNTY EXPRESSWAY ROUTES (LOCATION 17-21)	& RESURFACE
		(SY)
LOC. 17	I-290/IL 53 NB & SB Local (Woodfield Road to Kirchoff Road)	844
LOC. 18	I-290/IL 53 NB Express (Woodfield Road to Kirchoff Road)	1,293
LOC. 19	Woodfield West Frontage Road (I-290 Woodfield exit ramp to Woodfield Road)	1,091
LOC. 20	IL 53 Ramp (Exit Ramp to Kirchoff Road)	171
LOC. 21	I-290 Ramp (Entrance Ramp from IL 72)	112
	TOTAL =	3,511
		SY

		HMA 2" MILL
LOC. 1-16	SUMMARY - COOK COUNTY EXPRESSWAY ROUTES- EDENS MAINLINE	& RESURFACE
		(SY)
	Edens, Just south of RR Bridge (NB)	40
	RR Bridge to Foster Ave. (NB)	8
	Foster Ave. to Peterson Ave. (NB & SB)	32
	Touhy Ave. to Dempster St. (NB)	31
	Dempster St.to Golf Rd. (NB & SB)	51
	Golf Rd. to Old Orchard Rd. (NB & SB)	64
	Old Orchard Rd. to Willow Rd. (NB)	48
	Willow Rd. to Tower Rd. (NB)	16
	Dundee Rd. to Tower Rd. (SB)	23
	Edens Just before Skokie Exit (SB)	8
	TOTAL =	321
		SY

		HMA 2" MILL
	SUMMARY - DUPAGE COUNTY EXPRESSWAY ROUTES	& RESURFACE
		(SY)
LOC. 22	I-290 (I-355 Merge to IL 390)	263
LOC. 23	I-290 Ramp (Entrance ramp from EB IL-390)	40
LOC. 24	I-355 Ramp (Exit ramp to Army Trail Road)	357
LOC. 25	I-290 (I-355 to IL 83)	3,401
LOC. 26	I-290 (IL 83 to I-355)	461
LOC. 27	I-355 (Army Trail Road to I-290 Merge)	180
LOC. 28	I-355 (South of IL-19)	97
LOC. 29	I-290 Ramp (Over I-355)	80
	TOTAL =	4,879
		SY

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STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** SUMMARY OF INTERMITTENT RESURFACING SCHEDULE VARIOUS EXPRESSWAY ROUTES-NORTHEN REGION SHEET OF SHEETS STA.

F.A. RTE. VAR. 2019-031-RS

LOCATION NO. 1 TO 16

EDENS EXPRESSWAY- RR BRIDGE, N. OF LAWRANCE AVE. TO EDENS SPUR (TOO ROAD)

LOCATION NO. 1

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
S/B Lake Entrance Ramp				12	15	180	20
S/B Lake Entrance Ramp				12	10	120	13
		TOTALS:			25		33
					FT		SY

LOCATION NO. 2

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
S/B to E/B Dempster				12	30	360	40
S/B to E/B Dempster				12	6	72	8
S/B to E/B Dempster				3	60	180	20
	•	TOTALS:			96		68
					FT		SY

LOCATION NO. 3

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
S/B Old Orchard Entrance				250	6	1500	167

LOCATION NO. 4

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	то	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
S/B to W/B Touhy Exit				12	40	480	53

LOCATION NO. 5

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
S/B to E/B Touhy				12	30	360	40
S/B to E/B Touhy				12	150	1800	200
		TOTALS:			180		240
					FT		SY

LOCATION NO. 6

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Cicero exit				12	25	300	33

LOCATION NO. 7

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
N/B Foster Exit Ramp				12	10	120	13

LOCATION NO. 8

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Foster Entrance Ramp (Mid)				12	10	120	13

LOCATION NO. 9

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Railroad Bridge (lane 1)				12	10	120	13

LOCATION NO. 10

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Peterson E/B to N/B				12	10	120	13

LOCATION NO. 11

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
N/B to E/B Touhy exit point				15	300	4500	500

LOCATION NO. 12

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
W/B to N/B Dempster				12	6	72	8

LOCATION NO. 13

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
N/B mainline over Golf (lane 3)				10	50	500	56

 USER NAME
 = shiranisb
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 PLOT SCALE
 = 100.0000 '/ in.
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 REVISED

 PLOT DATE
 = 4/4/2019
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION NO. 1 TO 16

EDENS EXPRESSWAY- RR BRIDGE, N. OF LAWRANCE AVE. TO EDENS SPUR (TOO ROAD)

LOCATION NO. 14

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
N/B Old Orchard entrance ramp				20	1320	26400	2933
N/B Old Orchard entrance ramp				10	60	600	67
	•	TOTALS:			1,380		3,000
					FT		SY

LOCATION NO. 15

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	то	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
N/B Mainline @ Skokie Bike Path (Lane 2)				12	6	72	8

LOCATION NO. 16

CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
S/B Tower Rd exit (top of point)				60	6	360	40

LOCATION NO. 1 TO 16 (MAINLINE)

ROUTE: Edens NB Mainline

CROSS STREET		DIRECTION	LANE	PAVEMEN	AVEMEN	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Edens	Just South of RR Bridge	NB	1	12	30	360	40
RR Bridge	Foster	NB	3	12	6	72	8
Foster	Peterson	NB	1	12	6	72	8
Foster	Peterson	NB	2	12	6	72	8
Foster	Peterson	NB	3	12	6	72	8
Touhy	Dempster	NB	2	12	12	144	16
Touhy	Dempster	NB	1	6	10	60	7
Touhy	Dempster	NB	1	6	6	36	4
Touhy	Dempster	NB	1	6	6	36	4
Dempster	Golf	NB	3	12	6	72	8
Dempster	Golf	NB	1	12	8	96	11
Golf	Old Orchard	NB	1	12	6	72	8
Golf	Old Orchard	NB	3	12	12	144	16
Golf	Old Orchard	NB	3	12	12	144	16
Golf	Old Orchard	NB	1	12	6	72	8
Golf	Old Orchard	NB	1	12	6	72	8
Old Orchard	Willow	NB	1	6	12	72	8
Old Orchard	Willow	NB	1	6	12	72	8
Old Orchard	Willow Rd	NB	2	12	18	216	24
Old Orchard	Willow Rd	NB	2	12	6	72	8
Willow	Tower Rd	NB	1	12	12	144	16

ROUTE: Edens SB Mainline

CF	CROSS STREET		LANE	PAVEMEN'	PAVEMEN	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Dundee	Tower Rd	SB	LEOP/S	6	35	210	23
Edens	Just Before Skokie Exit	SB	1	12	6	72	8
Old Orchard	Golf	SB	1	12	6	72	8
Golf	Dempster	SB	1	12	6	72	8
Golf	Dempster	SB	1	12	6	72	8
Golf	Dempster	SB	1	12	6	72	8
Golf	Dempster	SB	1	12	6	72	8
Peterson	Foster	SB	1	12	6	72	8

TOTALS:	281	321
		27
1		SV

USER NAME = shiranisb	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 4/4/2019	DATE -	REVISED -	

INTERMIT	TENT F	RESURFAC	ING S	CHEDULE	F.A. R TE .	SECTION		COUNTY	TOTAL SHEETS	
	LOCAT	TION 1 T	0 16		VAR.	2019-031-RS		COOK, DUPAGE	23	8
	LUCA	IION I I	0 10				ILLINOIS	CONTRACT	NO. 62	2109
SHEET	OF	SHEETS	STA.	TO STA.		ILLINO	IS FED. A	ID PROJECT		

DIRECTION | LANE |PAVEMENT|PAVEMENT

PATCH

WIDTH

12

PATCH

LENGTH

6

FT

SY

NO.

(1, 2, 3)

REPAIR

AREA

(SQ FT)

72

REPAIR

AREA

(SQ YD)

8

(EB/WB)

(NB/SB)

NB

CROSS STREET

TO

Kirchoff Rd

FROM

Woodfield Rd

woodileid ka	KITCHOTT KU	IND	I	12	ס	/2	٥
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	NB	1 2	3	100	300	33
Woodfield Rd	Kirchoff Rd	SB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	SB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	SB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	SB	1	12	6	72	8
Woodfield Rd	Kirchoff Rd	SB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	SB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	SB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	SB	2	12	6	72	8
Woodfield Rd	Kirchoff Rd	SB	1 2	3	75	225	25
Woodfield Rd	Kirchoff Rd	SB	2 Should	3	700	2100	233
Woodfield Rd	Kirchoff Rd	SB	1 2	3	200	600	67
Woodfield Rd	Kirchoff Rd	SB	2 Aux	3	200	600	67
Woodfield Rd	Kirchoff Rd	SB	2 Should	3	200	600	67
		TOTALS:			1739		844
					CT		ev

R REPA	 REPAIR	PAVEMENT	rchoff Rd PAVEMENT		DIRECTION	TREET	CROSS S
	AREA	PATCH	PATCH	NO.	(EB/WB)	ТО	FROM
	(SQ FT)	LENGTH	WIDTH	(1, 2, 3)	(NB/SB)	10	THOW
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	1	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8		6		2	NB	Kirchoff Rd	Woodfield Rd
	72		12				
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	2	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
8	72	6	12	3	NB	Kirchoff Rd	Woodfield Rd
50	450	150	3	2 3	NB	Kirchoff Rd	Woodfield Rd
133	1200	400	3	1 2	NB	Kirchoff Rd	Woodfield Rd
67	600	200	3	1 2	NB	Kirchoff Rd	Woodfield Rd
67	600	200	3	1 2	NB	Kirchoff Rd	Woodfield Rd
100	900	300	3	1 2	NB	Kirchoff Rd	Woodfield Rd
167	1500	500	3	3 Should	NB	Kirchoff Rd	Woodfield Rd
333	3000	1000	3	3 Should	NB	Kirchoff Rd	Woodfield Rd
129		3032			TOTALS:		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

LOCATION NO. 20

CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAI
FROM	то	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
1110111		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YE
Woodfield Rd	IL 72	SB	3 Should	3	400	1200	133
		_					
Woodfield Rd	IL 72	SB	1 2	3	400	1200	133
Woodfield Rd	IL 72	SB	2 3	3	900	2700	300
Woodfield Rd	IL 72	SB	2 3	3	350	1050	117
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
		SB	1	12	6	72	8
Woodfield Rd	IL 72						
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	1	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
		SB		12	6	72	8
Woodfield Rd	IL 72		2				
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	2	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
	+						
Woodfield Rd	IL 72	SB	3	12	6	72	8
Woodfield Rd	IL 72	SB	3	12	6	72	8
		TOTALS:			2356		1091

ROUTE	: IL 53	Exit Ramp to K	irchoff Rd				
CROSS S	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	1	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	2	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	2	12	6	72	8
Exit Ramp	Kirchoff Rd	NB	2	3	200	600	67
		TOTALS:			278		171
					FT		SY

LOCATION NO. 21

R0U ⁻	TE: I-290 E	ntrance Ramp	from IL 7	2			
CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
IL 72	I-290	SB	1	12	6	72	8
IL 72	I-290	SB	1	12	6	72	8
IL 72	I-290	SB	1	12	6	72	8
IL 72	I-290	SB	1	12	6	72	8
IL 72	I-290	SB	1	12	6	72	8
IL 72	I-290	SB	1	12	6	72	8
IL 72	I-290	SB	1	12	6	72	8
IL 72	I-290	SB	1	12	6	72	8
IL 72	I-290	SB	2	12	6	72	8
IL 72	I-290	SB	2	12	6	72	8
IL 72	I-290	SB	2	12	6	72	8
IL 72	I-290	SB	2	12	6	72	8
IL 72	I-290	SB	2	12	6	72	8
IL 72	I-290	SB	2	12	6	72	8
		TOTALS:			84		112
					FT		SY

 USER NAME
 = shiranisb
 DESIGNED REVISED

 DRAWN REVISED

 PLOT SCALE
 = 100,0000 '/ in.
 CHECKED REVISED

 PLOT DATE
 = 4/4/2019
 DATE REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE
LOCATION 19, 20 & 21

SHEET OF SHEETS STA. TO STA.

SCALE:

 F.A. RTE.
 SECTION
 COUNTY SHEETS SHEETS NO.
 SHEET SHEETS NO.

 VAR.
 2019-031-RS
 COOK, DUPAGE
 23
 10

 ILLINOIS CONTRACT NO. 62J09

 ILLINOIS FED. AID PROJECT

MODEL: Default FILE NAME: pw:\\planroom.dc

LOCATION NO. 22

ROUTE:	I-290 from I-355 Merge to IL 390

CROSS S	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
I-355 Merge	IL 390	NB	3 4	3	550	1650	183
I-355 Merge	IL 390	NB	1	12	6	72	8
I-355 Merge	IL 390	NB	1	12	6	72	8
I-355 Merge	IL 390	NB	2	12	6	72	8
I-355 Merge	IL 390	NB	2	12	6	72	8
I-355 Merge	IL 390	NB	3	12	6	72	8
I-355 Merge	IL 390	NB	3	12	6	72	8
I-355 Merge	IL 390	NB	3	12	6	72	8
I-355 Merge	IL 390	NB	4	12	6	72	8
I-355 Merge	IL 390	NB	4	12	6	72	8
I-355 Merge	IL 390	NB	4	12	6	72	8
		TOTALS:			610		263
					FT		SY

LOCATION NO. 23 I-290 Entrance Ramp from EB IL 390

ROUTE:

CROSS S	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
IL 390	I-290	SB	1	12	6	72	8
IL 390	I-290	SB	1	12	6	72	8
IL 390	I-290	SB	1	12	6	72	8
IL 390	I-290	SB	1	12	6	72	8
IL 390	I-290	SB	1	12	6	72	8
		TOTALS:			30		40

LOCATION NO. 24

	ROUTE:	I-355 Exit Ramp to Army Trail Rd	
_			

CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	2	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	3	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	3	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	3	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	3	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	3	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	3	12	6	72	8
I-355 Exit Ramp	Army Trail Rd	SB	1 2	3	200	600	67
I-355 Exit Ramp	Army Trail Rd	SB	2 3	3	200	600	67
		TOTALS:			568		357

TOTALS:	568	357
	FT	SY

USER NAME = shiranisb	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 4/4/2019	DATE -	REVISED -

INTERM	ITTENT R	ESURFACI	ING S	CHEDULE	F.A. R TE .	SECTION		COUNTY	TOTAL SHEETS	
LOCATION 22, 23 & 24				VAR.	2019-031-RS		COOK, DUPAGE	23	11	
	LOUATIO	714 22, 25	Q 27				ILLINOIS	CONTRACT	NO. 62	2109
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	FED. A	ID PROJECT		

ROUTE:

ΛV	10.	25				
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CROSS S	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
I-355	IL 83	Inbound	Should 1	3	400	1200	133
I -3 55	IL 83	Inbound	3 Should	3	350	1050	117
I - 355	IL 83	Inbound	2 3	3	500	1500	167
I -3 55	IL 83	Inbound	2 3	3	450	1350	150
I -3 55	IL 83	Inbound	1 2	3	750	2250	250
I-355	IL 83	Inbound	2 3	3	1000	3000	333
I-355	IL 83	Inbound	3 Should	3	900	2700	300
I-355	IL 83	Inbound	1 2	3	1100	3300	367
I-355	IL 83	Inbound	3 4	3	500	1500	167
I-355	IL 83	Inbound	2 3	3	450	1350	150
I-355	IL 83	Inbound	2 3	3	600	1800	200
I-355	IL 83	Inbound	2 3	3	900	2700	300
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I - 355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I -3 55	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I -3 55	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
1-355	IL 83	Inbound	1	12	6	72	8
1-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
I-355	IL 83	Inbound	1	12	6	72	8
1-355	IL 83	Inbound	1	12	6	72	8
1-355	IL 83	Inbound	2	12	6	72	8
I-355	IL 83	Inbound	2	12	6	72	8
I-355	IL 83	Inbound	2	12	6	72	8
1-355	IL 83	Inbound	2	12	6	72	8
I-355	IL 83	Inbound	2	12	6	72	8
I-355	IL 83	Inbound	2	12	6	72	8
I-355	IL 83	Inbound	2	12	6	72	8
I-355	IL 83	Inbound	2	12	6	72	8
I-355	IL 83	Inbound	2	12	6	72	8
I-355	IL 83	Inbound	2	12	6	72	8
I-355	IL 83	Inbound	2	12	6	72	8

$I \cap C \land T \land C \land I$	NIO	25	(CONTINUED)
LOUALION	INU.	75	ULUN HINDED)

REPAI	REPAIR	PAVEMENT	PAVEMENT	LANE	DIRECTION	STREET	CROSS S
AREA	AREA	PATCH	PATCH	NO.	(EB/WB)	TO	FROM
(SQ YI	(SQ FT)	LENGTH	WIDTH	(1, 2, 3)	(NB/SB)		
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8		6	12		Inbound	IL 83	I-355
+	72			2			
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	2	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
+							I-355
8	72	6	12	3	Inbound	IL 83	
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
8	72	6	12	3	Inbound	IL 83	I-355
-	14		14	J		11.03	1-333
3,401 SY		8,476 FT			TOTALS:		

USER NAME = shiranisb	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 4/4/2019	DATE -	REVISED -

INTERMI	TTENT F	RESURFAC	ING S	CHEDULE	F.A. R TE .	SECT	ГІОИ		COUNTY	TOTAL SHEETS	
LOCATION 25						2019-0	31-RS		COOK, DUPAGE	23	12
	LU	CATION A	LJ					ILLINOIS	CONTRACT	NO. 62	2109
SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

ROUTE:

I-290 from IL 83 t	o I-355	

CROSS S	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
IL 83	I-355	Outbound	1 2	3	100	300	33
IL 83	I-355	Outbound	2 3	3	300	900	100
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	1	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	2	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
IL 83	I-355	Outbound	3	12	6	72	8
		TOTALS:			646		461
					FT		SY

LOCATION NO. 27

			Vlerge	to 1-290 N	n Army Trail Ro	UTE: I-355 froi	RO
EPAIR REPAI	RE	PAVEMENT	PAVEMENT	LANE	DIRECTION	STREET	CROSS S
AREA AREA	Α	PATCH	PATCH	NO.	(EB/WB)	TO	FROM
SQ FT) (SQ YI	(S	LENGTH	WIDTH	(1, 2, 3)	(NB/SB)		
900 100		300	3	2	NB	I-290 Merge	Army Trail Rd
72 8		6	12	1	NB	I-290 Merge	Army Trail Rd
72 8		6	12	1	NB	I-290 Merge	Army Trail Rd
72 8		6	12	1	NB	I-290 Merge	Army Trail Rd
72 8		6	12	2	NB	I-290 Merge	Army Trail Rd
72 8		6	12	2	NB	I-290 Merge	Army Trail Rd
72 8		6	12	2	NB	I-290 Merge	Army Trail Rd
72 8		6	12	3	NB	I-290 Merge	Army Trail Rd
72 8		6	12	3	NB	I-290 Merge	Army Trail Rd
72 8		6	12	3	NB	I-290 Merge	Army Trail Rd
72 8		6	12	3	NB	I-290 Merge	Army Trail Rd
180		360			TOTALS:		
SY		FT					

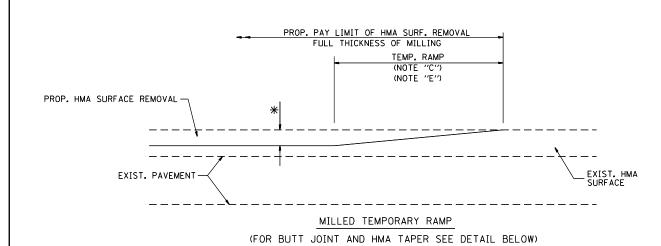
LOCATION NO. 28

	ROUTE: I-3	S55 South of IL 1	19 to I-290				
CROS	SS STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	ТО	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQFT)	(SQ YD)
South of IL 19	I-290	NB	3 4	3	50	150	17
South of IL 19	I-290	NB	1	12	6	72	8
South of IL 19	I-290	NB	1	12	6	72	8
South of IL 19	I-290	NB	1	12	6	72	8
South of IL 19	I-290	NB	2	12	6	72	8
South of IL 19	I-290	NB	2	12	6	72	8
South of IL 19	I-290	NB	2	12	6	72	8
South of IL 19	I-290	NB	3	12	6	72	8
South of IL 19	I-290	NB	3	12	6	72	8
South of IL 19	I-290	NB	3	12	6	72	8
South of IL 19	I-290	NB	3	12	6	72	8
		TOTALS:			110		97
					FT		SY

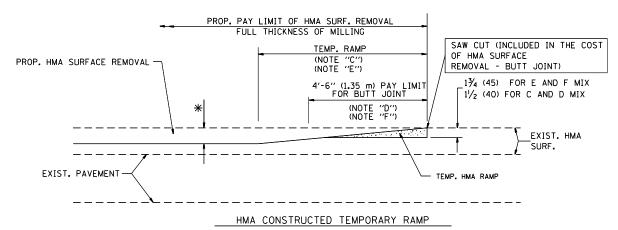
LOCATION NO. 29

P	OUTE:	I-290 Ramp ove	or I_355				
		1-230 Kallip Ove	: 1-333	1			
CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
I-290 Ramp over	I-355	Inbound	1	12	6	72	8
I-290 Ramp over	I-355	Inbound	1	12	6	72	8
I-290 Ramp over	I-355	Inbound	1	12	6	72	8
I-290 Ramp over	I-355	Inbound	1	12	6	72	8
I-290 Ramp over	I-355	Inbound	1	12	6	72	8
I-290 Ramp over	I-355	Inbound	2	12	6	72	8
I-290 Ramp over	1-355	Inbound	2	12	6	72	8
I-290 Ramp over	I-355	Inbound	2	12	6	72	8
I-290 Ramp over	I-355	Inbound	2	12	6	72	8
I-290 Ramp over	I-355	Inbound	2	12	6	72	8
			TOTALS:		6	0	80
					F	Т	SY

INTERN	ITTENT RE	SURFAC	CING	SCHEDULE	F.A. RTE.	SECT	ION		COUNTY	TOTA SHEE
	LOCATION	26 27	2Q &.	20	VAR.	2019-0	31-RS		COOK, DUPAGE	23
	LUCATION	20, 21,	20 G	25				ILLINOIS	CONTRACT	NO.
SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT	

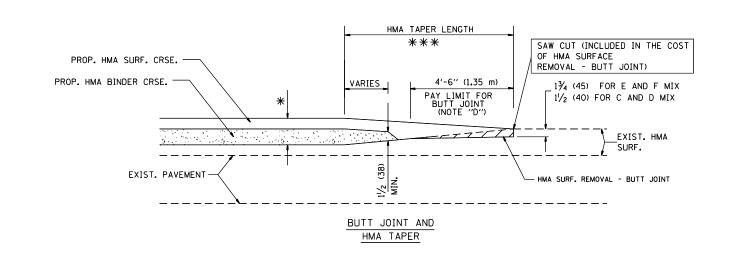


OPTION 1



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW) OPTION 2

TYPICAL TEMPORARY RAMP

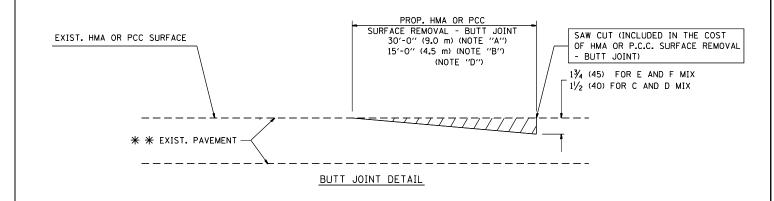


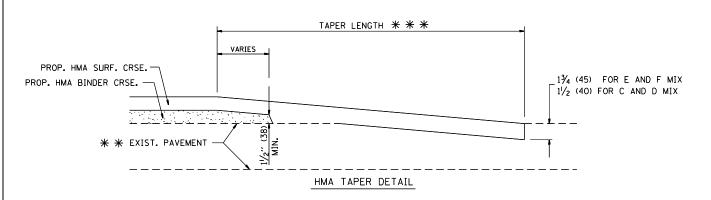
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS

OTHERWISE SHOWN.





TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

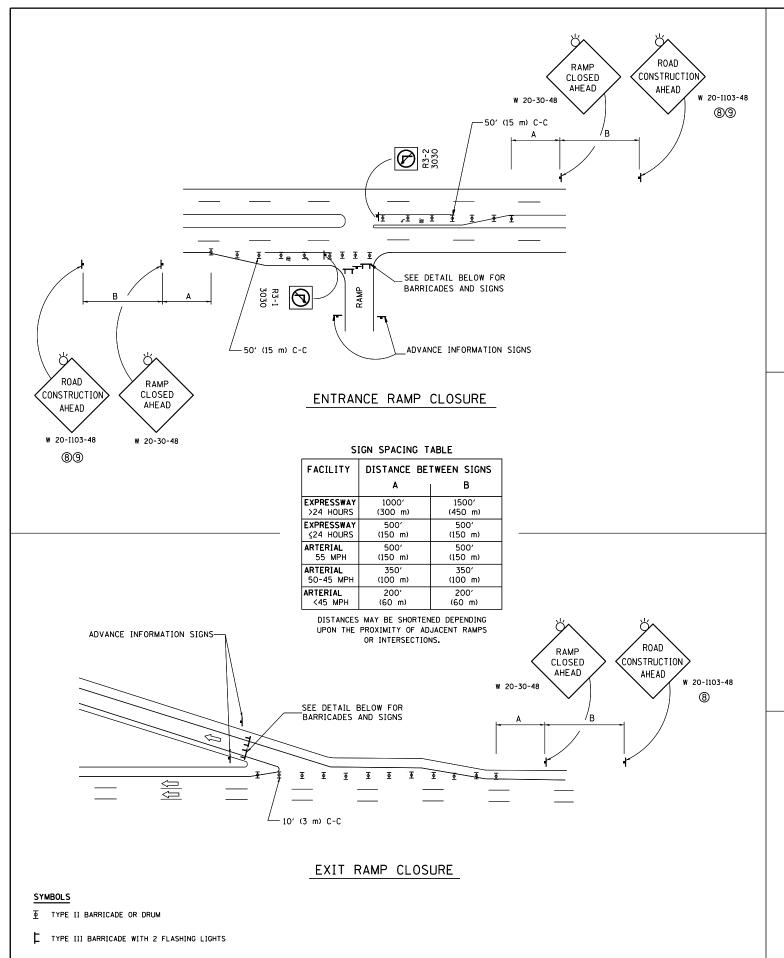
* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

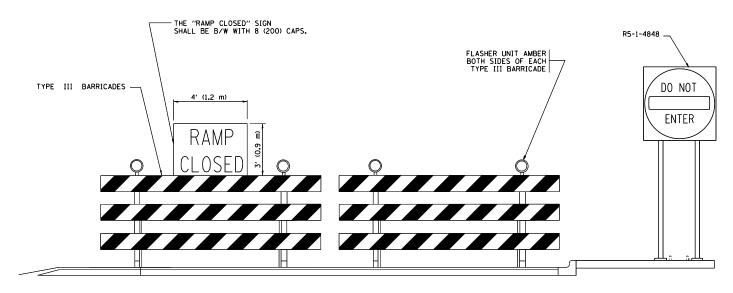
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- ** \times 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A") 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

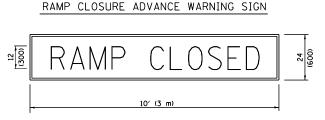
BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".



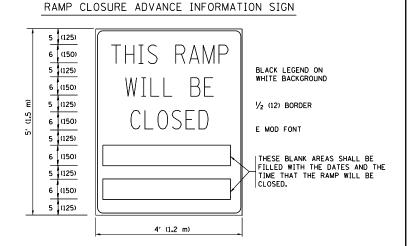


DETAIL FOR REQUIRED BARRICADES & SIGNS



BLACK LEGEND ON ORANGE
BACKGROUND MOUNTED
DIAGONALLY
E MOD FONT
1 (25) BORDER
SIGNS ARE REQUIRED ON ALL THE EXIT

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.



THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

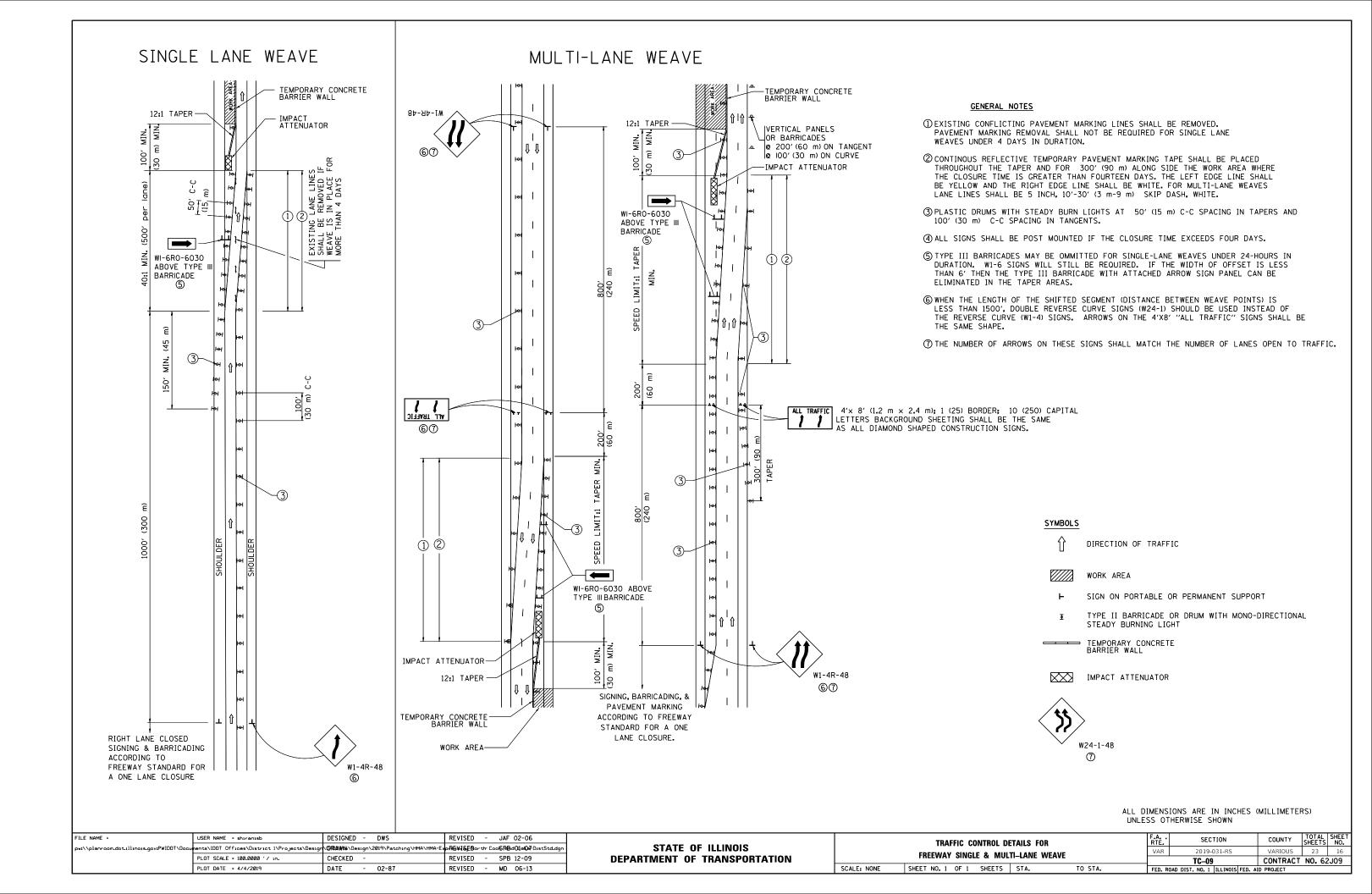
GENERAL NOTES:

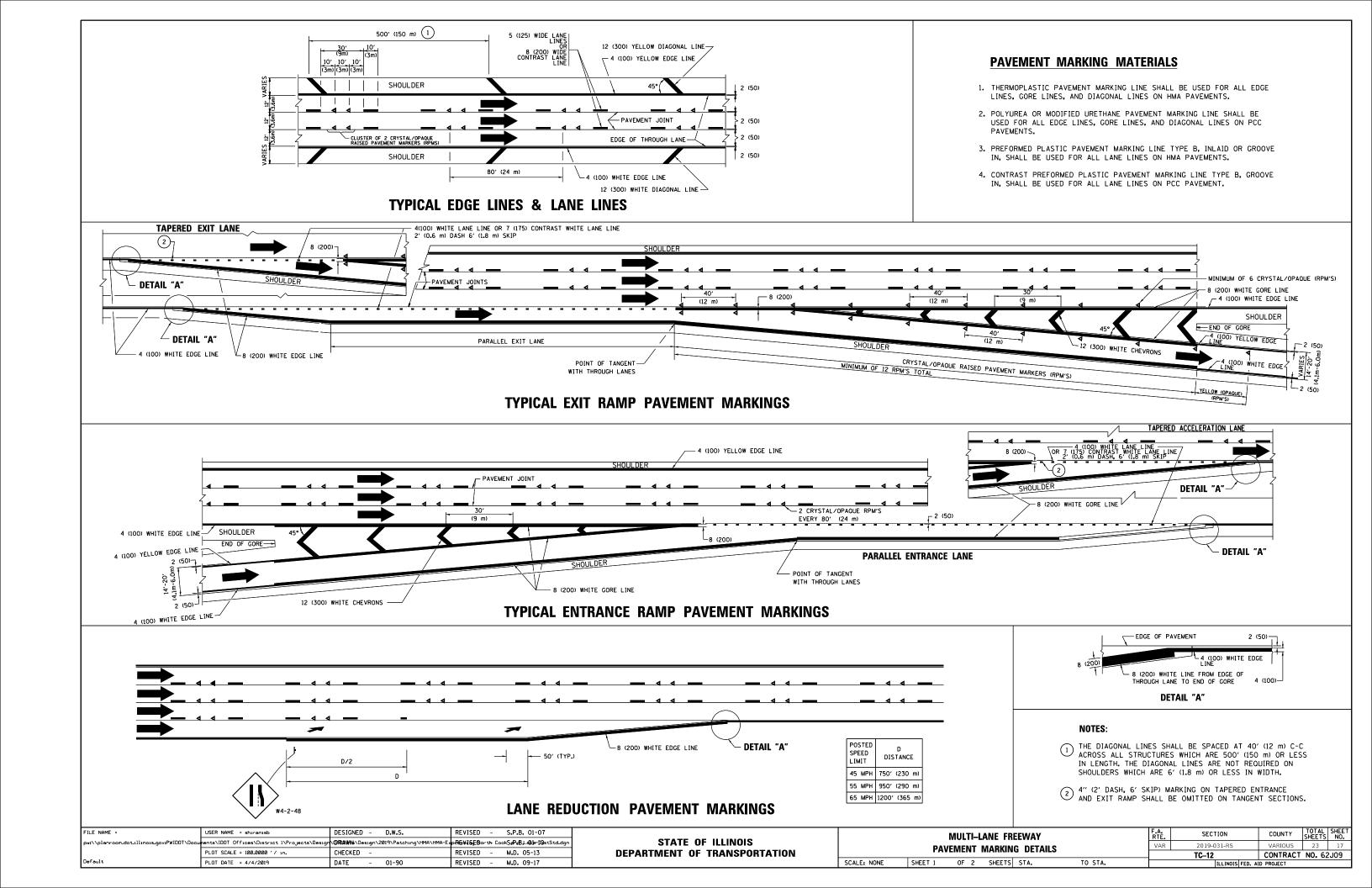
- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II
 BARRICADES DURING DAY OPERATIONS. CONES SHALL BE
 A MINIMUM OF 28 (700) HIGH.
- $\ensuremath{ \bigcirc}$ VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- 3 A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEEDED BY A W20-7 FLAGGER WARNING SIGN.
- 4 ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- (5) THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

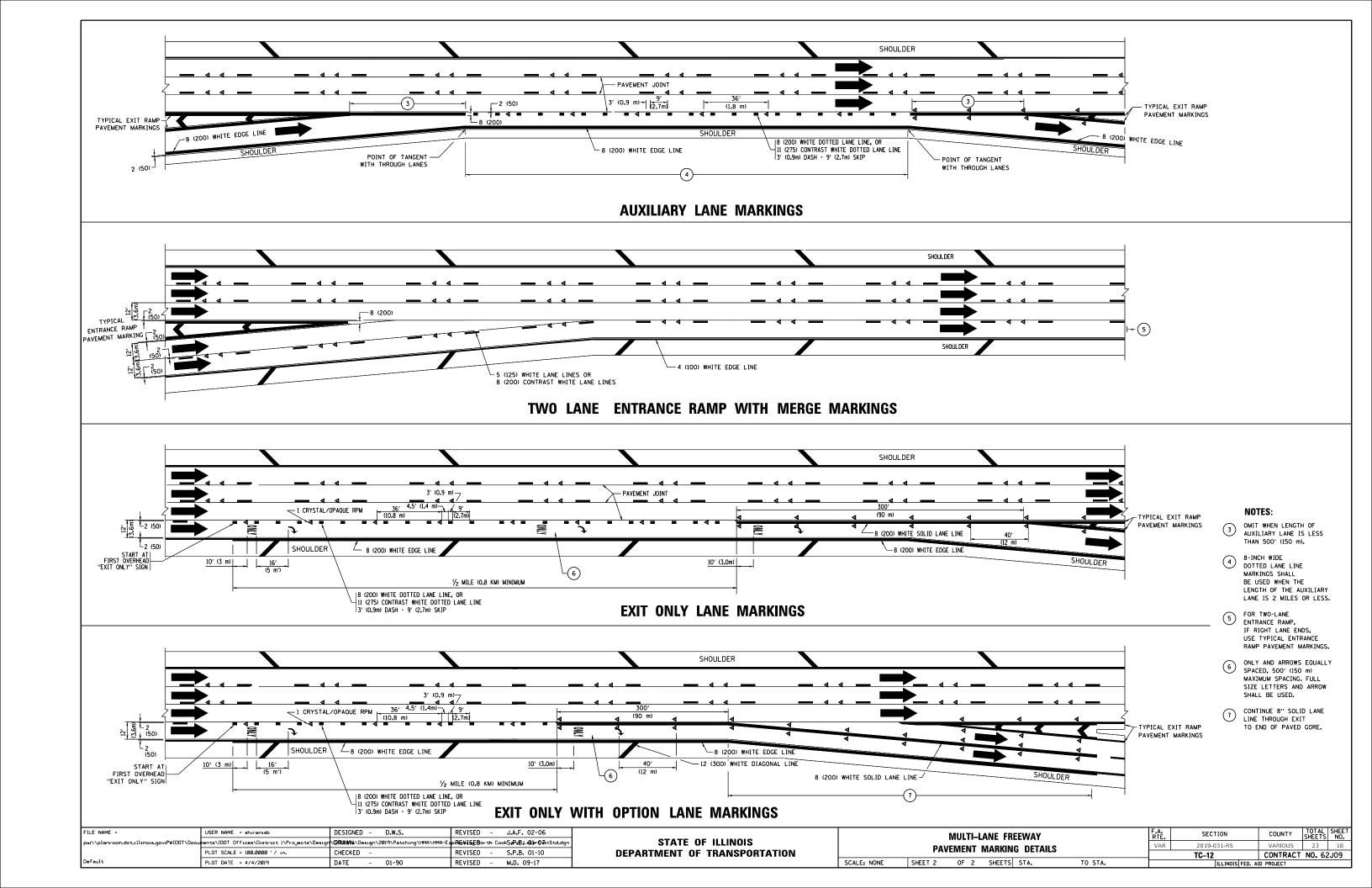
- $\ensuremath{\mbox{\mbox{\footnote{1.5}}}}$ authorization from the district's bureau of traffic is required for all ramp closures.
- (7) THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS, ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH
- (8) ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- (9) ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

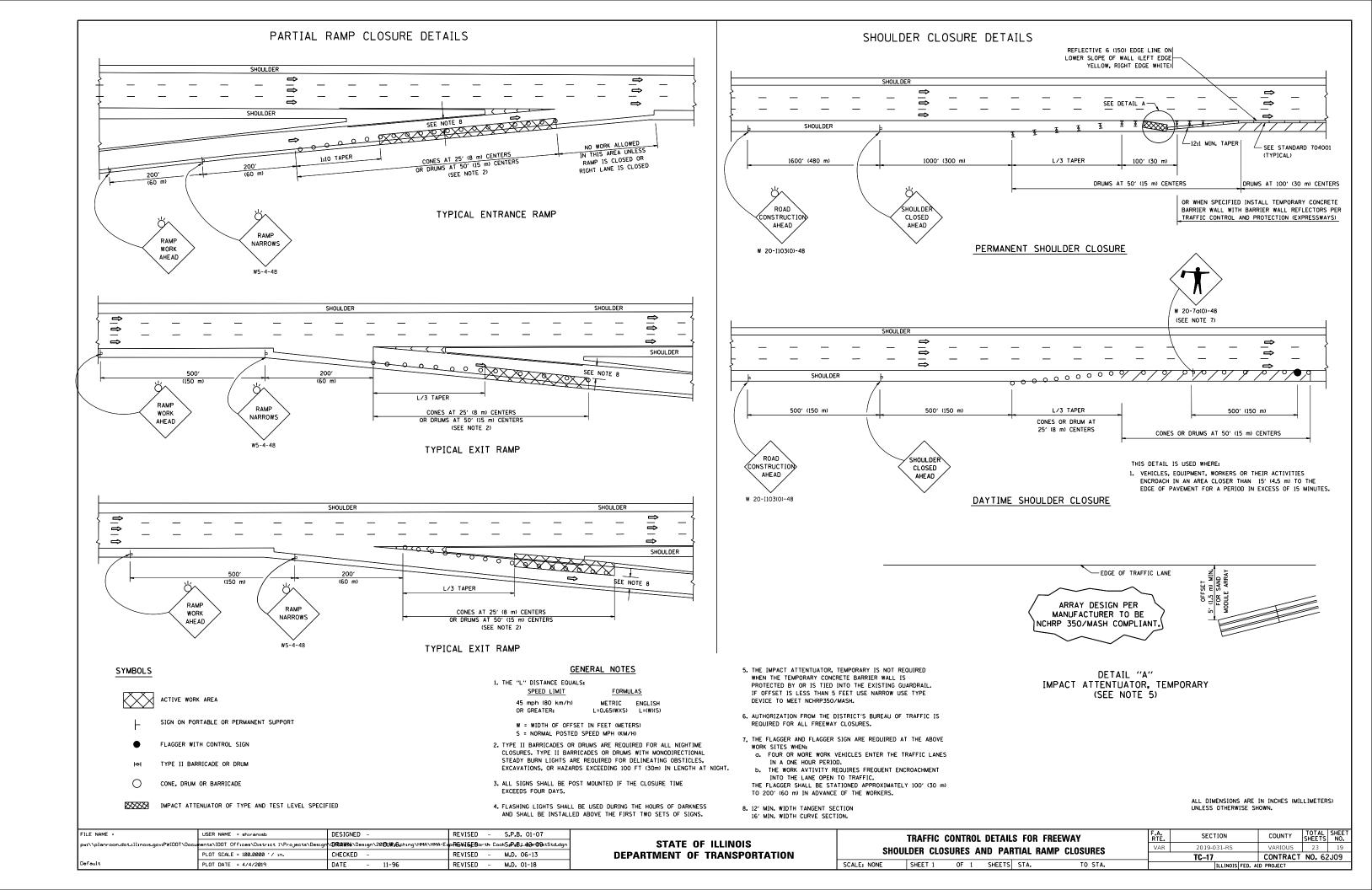
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = shiranish	DESIGNED - D.W.S.	REVISED - S.P.B. 01-07		ENTRANCE AND EXIT RAMP	F.A.	SECTION	COUNTY TOTAL SHI	ET O
pw:\\planroom.dot.illinois.gov:PWIDOT\Doc	uments\IDOT Offices\District 1\Projects\Desig	gn (()和AWM \Design\2019\Patching\HMA\HMA-E	ExpREVISEBOrth CookSANBL4120-09stStd.dgn	STATE OF ILLINOIS	CLOSURE DETAILS	VAR	2019-031-RS	VARIOUS 23 1	15
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED - M.D. 06-13	DEPARTMENT OF TRANSPORTATION	CLUSURE DETAILS		TC-08	CONTRACT NO. 62JO	9
Default	PLOT DATE = 4/4/2019	DATE - 02-83	REVISED - M.D. 01-18		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT	_



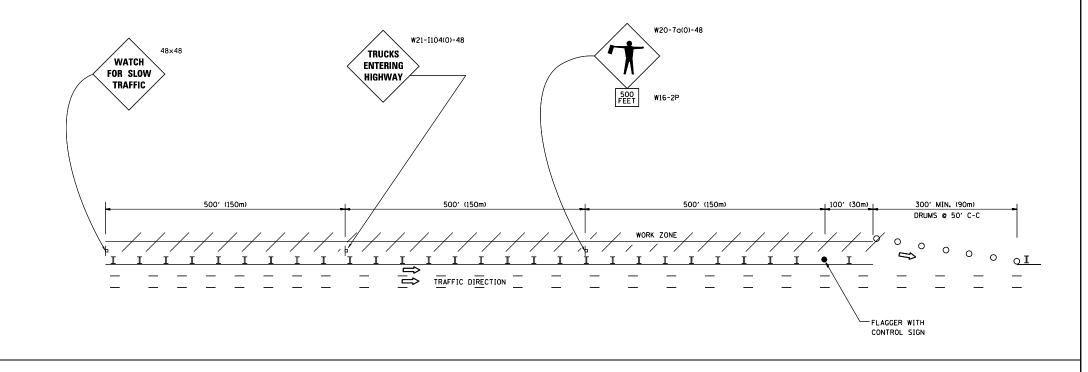




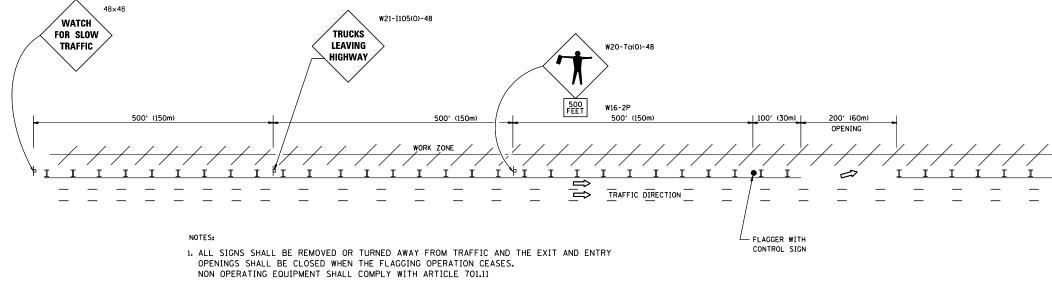


SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



- 2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMPS.
- 3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
- 4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
- 5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

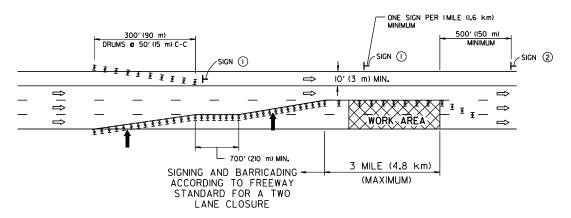
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

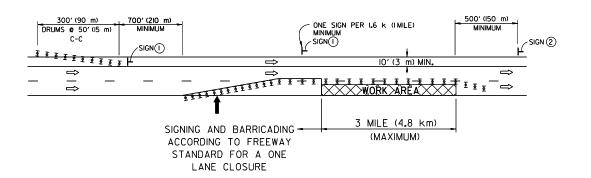
	USER NAME = shiranisb	DESIGNED -	REVISED -	J.A.F. 02-06		FR	REEWAY/EXPRESSWAY SIGNING FOR FLA	AGGING OPERATIONS	RTE.	SECTION	COUNTY SHEETS NO.
pw:\\planroom.dot.illinois.gov:PWIDOT\Doci	ments\IDOT Offices\District 1\Projects\Design	へ の形の製作 \Design\2019\Patching\HMA\HMA-E	xprREVI&EDorth (Cook S.inB.L6He-07 stStd.dgn	STATE OF ILLINOIS				VAR	2019-031-RS	VARIOUS 23 20
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	S.P.B. 12-09	DEPARTMENT OF TRANSPORTATION	l *	AT WORK ZONE OPENINGS ON FREEW	AYS/EXPRESSWAYS		TC-18	CONTRACT NO. 62J09
	PLOT DATE = 4/4/2019	DATE -	REVISED -	M.D. 06-13		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA	. TO STA.	FED. ROAD [DIST. NO. 1 ILLINOIS FED. A	

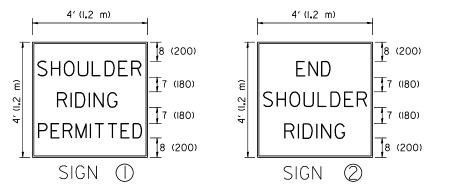
CENTER LANE CLOSURE TYPE I CHECK BARRICADES DRUMS AT 50' (15 m) CENTERS AT 100' (30 m) CENTERS MIN (E (90 ARROW BOARD DISPLAYING-DOUBLE ARROW PATTERN CENTER LANE CLOSE W9-3-48 SIGNING & BARRICADING ACCORDING TO FREEWAY STANDARD FOR A ONE LANE CLOSURE INSTALLATION SEQUENCE 1. CLOSE LANES 1&2 XXXX ACTIVE NOTES WORK AREA 1. DRUMS WITH STEADY BURN LIGHTS SHALL BE USED AT 50' (15 m) CENTERS ON ALL TAPERS AND TANGENTS IN 2. ERECT INSIDE LANE 2 TAPER ADVANCE OF WORK AREA. 2. CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS. 3. OPEN LANE 2 BY RELOCATING FIRST TAPER 3. CENTER LANE CLOSURE CONFIGURATION NON-ACTIVE IS NOT TO BE USED WITH WORKERS WORK AREA PRESENT. 4. REMOVE CLOSURE IN REVERSE ORDER

SHOULDER LANE

NOTE: CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.







6 (150) SERIES 'C' LEGEND BLACK LEGEND WHITE REFLECT. BACKGROUND 1(25) BORDER

SYMBOLS

DIRECTION OF TRAFFIC

■ ARROWBOARD

ACTIVE WORK AREA

► SIGN ON PORTABLE OR PERMANENT SUPPORT *

SCALE: NONE

TYPE II BARRICADE, OR DRUM WITH MONO-DIRECTIONAL STEADY BURN LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

* ALL SIGNS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 TRAFFIC
 CONTROL DETAILS FOR FREEWAY
 F.A. RTE.
 SECTION

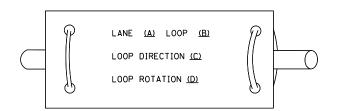
 CENTER
 LANE
 CLOSURE SHOULDER LANE
 VAR
 2019-031-RS

 SHEET NO. 1
 OF 1
 SHEETS
 STA.
 TO STA.
 FED. ROAD DIST. NO. 1 | ILLINOIS

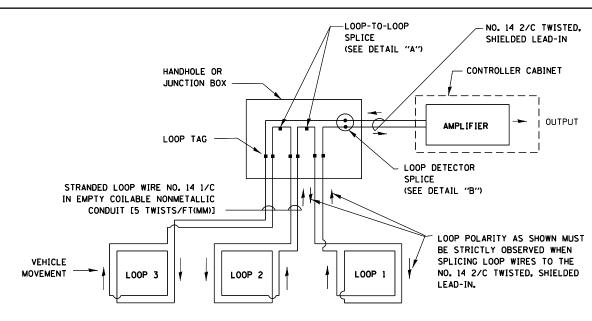
LOOP DETECTOR NOTES

- 1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- 2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- 3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- 4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- 6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- 7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

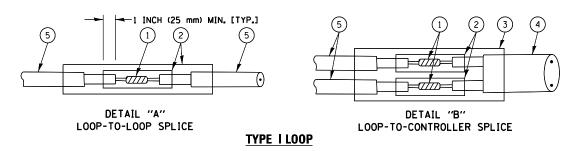


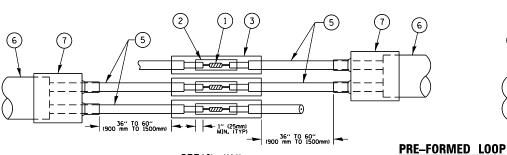
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP *1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

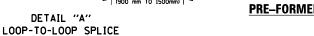


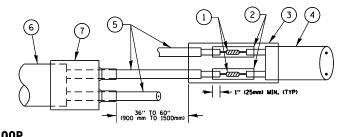
DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.









LOOP-TO-CONTROLLER SPLICE

DETAIL "B"

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- (2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- (3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.

- 5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

VARIOUS

23 22

CONTRACT NO. 62J09

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -
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STATE OF	ILLINOIS
DEPARTMENT OF	TRANSPORTATION

DISTRICT ONE						F.A. RTE.	SECTION	
	STANDARD	TRAFFIC	CICMAI	DESIG	N DETAILS	VAR	2019-031-RS	
	SIANDAND	IIIAIII	JIUIVA	. DESIGI	1 DETAILS		TS-05	
SCALE: NONE	SHEET 2	OF 7	SHEETS	STA.	TO STA.		ILLINOIS FE	D. AII

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER. PAVED OR NON-PAVED SHOULDER PAVED OR NON-PAVED SHOULDER ** = (600 mm) ** * UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING) HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD BIAGOI TO ENSURE THAT HANDHOLE FITS IN MEDIAN. TRENCHED 1" (25 mm) WINIT DUCT (3) ** ** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS

BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

VOLUME DENSITY ("FAR OUT" DETECTION)

ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

* = (600 mm)

* = (600 mm)

* = (600 mm)

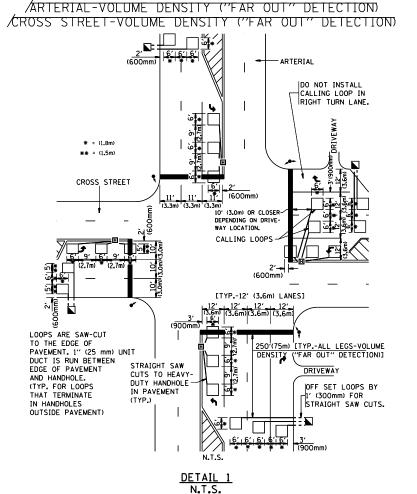
* = (600 mm)

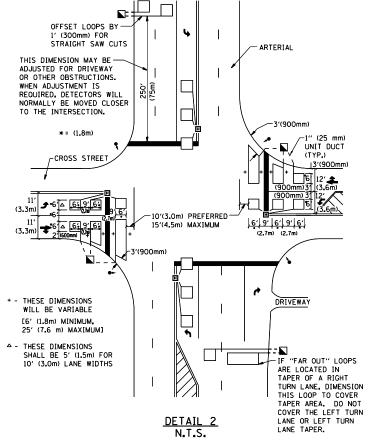
* = (3.6 m)

DITY HANDHOLE (TYP.) PLACE HEAVY DUTY HANDHOLE BETWEEN FIRST AND SECOND LOOP AS SHOWN.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)





SCALE: NONE

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIFLDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF <u>ALL</u> DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

INTF.

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 – DETECTOR LOOP INSTALLATION	F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DETAILS FOR ROADWAY RESURFACING	VAR	2019-031-RS	VARIOUS	23	23
DETAILS FOR HOADWAY RESURFACING	TS-07 CONTRACT NO. 62J09			.J09	
SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 JULINOIS FED. AID PROJECT				