Э

0

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

D-91-266-18

SECTION

(99-167)PP-1

WILL 24 1

CONTRACT NO. 62G33

O DAMESS STEMERSSON VARIABLE DIS FAME DIS PAGE NORS WE HERRY LAKE APEX SOLAND NEMET SUMEAU LEE CRUSING CRUSING CONTROL OF CONTROL O
METACEK FEDRISARIL LIVINSSTOR RANGUKEE FEDRISA VACUATION FORD FORD TAZEWEIL MC LEAN FORD FO
SCOTT ORENE MACCUPBI MACCUPBI MAC
MOTIFICE RANCOLPH PESRI FRANCIIN NACKSON WALLANSON LINGON 10-HILSON POPE HEREIN

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN:
THE CITY OF JOLIET
THE VILLAGE OF BOLINGBROOK
THE VILLAGE OF CHANNAHON
THE VILLAGE OF PLAINFIELD
THE VILLAGE OF ROCKDALE
THE VILLAGE OF ROMEOVILLE
THE VILLAGE OF SHOREWOOD

PROPOSED HIGHWAY PLANS

F.A.I 80 /F.A.I. 55 (INTERSTATE 80 /INTERSTATE 55)
LOCATION 1: F.A.I. 80: INTERSTATE 80
GRUNDY-WILL COUNTY LINE TO THE DES PLAINES RIVER
LOCATION 2: F.A.I. 55: INTERSTATE 55
THE DES PLAINES RIVER(SOUTH OF INTERSTATE 80) TO WEBER ROAD

SECTION: (99-1&2)PP-1

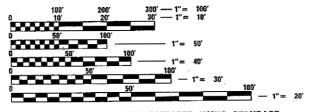
INTERMITTENT RESURFACING WILL COUNTY

C-91-163-18

FOR GENERAL LOCATION MAP, SEE SHEET NO. 4

TRAFFIC DATA

ROUTE SEGMENT	SPEED	ADT (YEAR)
1-80		
KENDALL/GRUNDY LINE TO I-55	70 MPH	60,500 (2017)
I-55 TO HOUBOLT ROAD	70 MPH	61,900 (2017)
HOUBOLT ROAD TO LARKIN AVENUE	70 MPH	60,100 (2017)
LARKIN AVENUE TO RAYNOR AVENUE	55 MPH	69,500 (2017)
RAYNOR AVENUE TO DES PLAINES RIVER	55 MPH	85,400 (2017)
1-55		
DES PLAINES RIVER TO BLUFF ROAD	65 MPH	65,600 (2017)
BLUFF ROAD TO IL 6	65 MPH	63,900 (2017)
IL 6 TO I-80	65 MPH	71,100 (2017)
I-80 TO IL 59	65 MPH	78,200 (2017)
IL 59 TO US 52	65 MPH	85,400 (2017)
US 52 TO US 30	65 MPH	86,600 (2017)
US 30 TO IL 126	65 MPH	95,600 (2017)
IL 126 TO WEBER ROAD	65 MPH	120,500 (2017)



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: DANIEL WILGREEN (847) 705–4240
PROJECT MANAGER: FAWAD AQUEEL (847) 705–4247

CONTRACT NO. 62G33

LOCATION OF SECTION INDICATED THUS: -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

SHEET NO.	DESCRIPTION	STANDARD NO.	<u>DESCRIPTION</u>
1	COVER SHEET	000001-06	TYPICAL CYMPOLC APPRENTATIONS AND DATTERNS
1	COVER SHEET	000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
3	SUMMARY OF QUANTITIES	701401-11	LANE CLOSURE, FREEWAY/EXPRESSWAY
4	GENERAL LOCATION MAP	701411-09	MULTI-LANE, TRAFFIC CONTROL AT ENTRANCE OR EXIT RAMPS
5	ROUTE AND SUMMARY OF INTERMITTENT RESURFACING INFORMATION	701428-01	TRAFFIC CONTROL SETUP & REMOVAL FREEWAY/EXPRESSWAY
		701446-09	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
6-8	INTERMITTENT RESURFACING SCHEDULE	701901-07	TRAFFIC CONTROL DEVICES
9-17	TRAFFIC SYSTEMS CENTER TYPICAL LOOP INSTALLATION STANDARDS		
18	BUTT JOINT AND HMA TAPER DETAILS (BD-32)		
19	ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)		
20	FREEWAY SINGLE & MULTI-LANE WEAVE (TC-09)		
21-22	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (TC-12)		
23	FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)		
24	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS		
	ON FREEWAYS/EXPRESSWAYS (TC-18)		

HOT-MIX ASPHALT MIXTURE REQUIREMENT	S	QUALITY MANAGEMENT				
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				
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE(QC/QA); QUALITY CO	NTROL FOR PERFO	RMANCE(QCP);				

| PAY FUR PERFORMANCE(PFP)

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 TO THE HMA MIXTURE

GENERAL NOTES

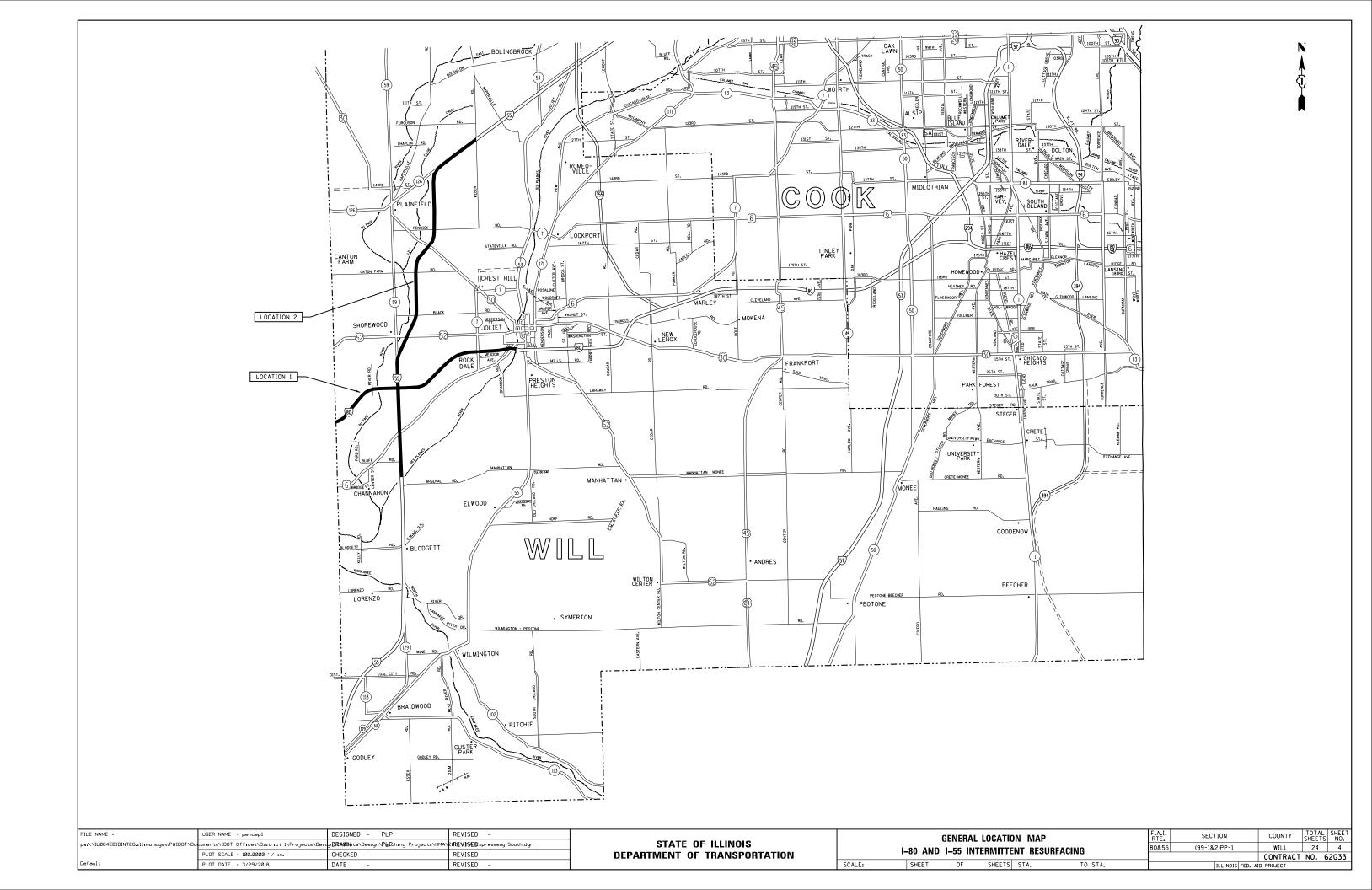
- 1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE (OR TOLLWAY) PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT (OR ISTHA)
- 2. NO WORK SHALL BE PERFORMED ON ANY BRIDGES OR ELEVATED STRUCTURES.
- 3. NO PATCHING OR RESURFACING IS TO BE DONE WITHIN FIFTY (50) FEET OF ANY RAILROAD CROSSING.
- 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. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 6. THE CONTRACTOR SHALL CONTACT THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151 MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING ALL WORK.
- 7. THE CONTRACTOR SHALL REGISTER AN ACCOUNT AT WWW.IDOTLCS.COM TO ENTER DAILY NIGHT TIME LANE CLOSURES. CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION EXPRESSWAY OPERATIONS ENGINEER AT WWW.IDOTLCS.COM TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE AND RAMP CLOSURES.
- 8. THE ENGINEER SHALL CONTACT ROY LAWSON OF THE IDOT TRAFFIC SYSTEMS CENTER. AT (708) 524-2145 OR BY EMAIL ROY.LAWSON@ILLINOIS.GOV. TWO (2) WEEKS PRIOR TO BEGINNING OF WORK.
- 9. THE EXISTING ROADWAY TYPICAL SECTION IS ASSUMED TO HAVE A 3 INCH HOT-MIX ASPHALT OVERLAY ON TOP OF A TEN INCH CONCRETE BASE.
- 10. ALL INTERMITTENT RESURFACING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 11. 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.
- 12. 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.
- 13. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS OUTSIDE OF PATCHING AREA SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 14. EXISTING RUMBLE STRIPS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- 15. 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).
- 16. NUMEROUS INDUCTION LOOPS AND SENSYS PUCKS EXIST WITHIN THE PROJECT LIMITS, AND MAY BE EFFECTED BY INTERMITTENT RESURFACING OPERATIONS. ANY DAMAGE/ REMOVAL OF INDUCTION LOOPS / SENSYS PUCKS AS A RESULT OF INTERMITTENT RESURFACING OPERATIONS SHALL BE REPLACED IN KIND. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR, MEADE ELECTRIC COMPANY, AT (773) 287-7672 TO LOCATE EXISTING IDOT ELECTRICAL FACILITIES WITHIN THE AREAS OF INTERMITTENT RESURFACING, QUANTIFY LOOP/PUCK REPLACEMENTS NEEDED, AND PROVIDE THE RESIDENT ENGINEER THIS INFORMATION, AND UPON APPROVAL FROM ENGINEER, PROCEED WITH INTERMITTENT RESURFACING OPERATIONS.

Default	PLOT DATE = 3/30/2018	DATE -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
pw:\\ILØ84EBIDINTEG.:1ll:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\Desi	gr ()RAND ta\Design\ Pb thing Projects\HMA\	2 REV19£E xpressway-South.dgn
FILE NAME =	USER NAME = pencepl	DESIGNED - PLP	REVISED -

IN

NDEX OF	SHEETS,	STATE	STANDARD	S AN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
L	SU VIII	_55 IN	TERMITTEN'	T RES	80&55	(99-1&2)PP-1	WILL	24	2	
	-OU AND	-33 114	LEMINITER	IIL			CONTRACT	NO.	52G33	
	SHEET	OF	SHEETS S	TA.	TO STA.		TILINOIS FED. A	D PROJECT		

			URBAN		· .							URBAN						
	SUMMARY OF QUANTITIES			 	<u> </u>	ONSTRUCTION TYPE	CODE	<u> </u>		SUMMARY OF QUANTITIES				_ 	CONSTRUCT	ION TYPE (CODE	
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE 1-80 0005	100% STATE I-55 0005				CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE I-80 0005	100% STATE I-55 0005		Angele de Angele		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1962	604	1358				X4060004	POLYMERIZED HOT-MIX ASPHALT SU	JRFACE TON	489	151	338				
					:					COURSE, STONE MATRIX ASPHALT,	9.5, N80		-					·
40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	7	2	5					-								j
	FLANGEWAYS				:				X7010410	SPEED DISPLAY TRAILER	CAL MO	1	0.3	0.7				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SO YD	132	41	91				x7011015	TRAFFIC CONTROL AND PROTECTION	N L SUM	1	0.3	0.7				
10000362	JOINT	30 15	132	-11	31				XIOIIOI3	(EXPRESSWAYS)	L SUM	1	0	0.1				
	Want -									TEN RESSIR 197			-					
44000157	HOT-MIX ASPHALT SURFACE REMOVAL. 2"	SO YD	4357	1341	3016				X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	30	9	21				
									To desire the second se									
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	i. 8	4. 2				X7030005	TEMPORARY PAVEMENT MARKING REA	MOVAL SO FT	2073	573	1500				<u> </u>
									-									
67100100	MOBILIZATION	L SUM	1	0.3	0.7			k	€ X8730312	ELECTRIC CABLE IN CONDUIT, LEA	AD-IN, NO. FOOT	50		50				
										18 4/C, TWISTED, SHIELDED								
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	2288	1120	1168												***************************************	
								k	× X8850102	INDUCTION LOOP	FOOT	168		168				
70300905	PAVEMENT MARKING TAPE, TYPE IV 5"	FOOT	1252	380	872												-	ĺ
								*	×1400337	WIRELESS IN PAVEMENT DETECTOR	EACH	5	0	5			***************************************	
70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	1182	62	1120												**************************************	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2288	1120	1168			111000										
					:													
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1182	62	1120											7		-
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING,	FOOT	1252	380	872											The state of the s	***************************************	
	TYPE B - INLAID - LINE 5"				:								and the second of the second o			1000		
													and the second s		L.		and the second s	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	ЕАСН	78	40	38								And a second sec					
7070000	DATES DELICATIVE DIVERSITY WAS A SECOND	F10::	7.5	4.0	70										<u> </u>			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	78	40	38	*	SPECIALTY I	TEM	90									
FILE NAME =		SIGNED P		REVISED				TATE OF "			SUMMARY OF QUAN	TITIES		F.A.I RTE.	SEC	TION	COUNTY T	TOTAL SHEETS NO.
pw:\\iL@84EB(DIN' Default		A#M+ta\Design\P ECKED .TE -	àtàhing Projects\Hi	REVISED REVISED	i-	dgn	S DEPARTM	TATE OF II ENT OF TR	LLINOIS ANSPORTA	FION I-80 A	AND I-55 INTERMITTENT	RESURFACINO	G TO STA.	80&5		k2)PP-1	WILL CONTRACT N	24 3



		SUMMARY - SOUTH EXPRESSWAY ROUTES	CITIES/VILLAGES	TOWNSHIPS	SPEED LIMIT	EXISTING ADT (YEAR)
LO	C.1	I-80 (GRUNDY-WILL COUNTY LINE TO THE DES PLAINES RIVER)	JOLIET, ROCKDALE, SHOREWOOD	JOLIET, TROY	55-70 MPH	85,400 (2017)
LO	C.2	I-55 (THE DES PLAINES RIVER TO WEBER ROAD)	1	CHANNAHON, DUPAGE, PLAINFIELD, TROY, WHEATLAND	65 MPH	120,500 (2017)

	INTERMITTENT RESURFACING SUMMARY	HMA 2" MILL & RESURFACE
		(SY)
LOC.1	I-80 (GRUNDY-WILL COUNTY LINE TO THE DES PLAINES RIVER)	1,341
LOC.2	I-55 (THE DES PLAINES RIVER TO WEBER ROAD)	3,016
	INTERMITTENT RESURFACING TOTAL =	4,357
		SY

FILE NAME =	USER NAME = pencepl	DESIGNED - PLP	REVISED -
pw:\\IL084EBIDINTEG.:1ll:nois.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\Desi	gr DRAMDN sta\Design\ Pb Eching Projects\HMA\	2 REVH%E @xpressway-South.dgn
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/29/2018	DATE -	REVISED -

ROUTE AND	SUMMARY	OF IN	TERMITTEN	T RESU	RFACING INFORMATION	R1					
	I-80 AND I-55 INTERMITTENT RESURFACING										
CALE.	CHEET	ΩE	CULLIC	CTA	TO STA	┺					

ı	F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.
	80&55	(99-1&2)PP-1		WILL	24	5
				CONTRACT	NO. 6	2G33
		ILLINOIS FEI	D. AI	D PROJECT		

DOLUTE	100/0 1 14/11 0 1						
ROUTE:	I-80(Grundy-Will County L	ine to Des Plair	nes River))			
CPOSS	STREET	DIRECTION	LANE	DAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	EB/WB	NO.	PATCH	PATCH	AREA	AREA
TROW	10	NB/SB	140.	WIDTH *	LENGTH *	(SQ FT)	(SQ YD)
Grundy-Will County Line		EB	2	12	6	72	8
Crandy Will County Line		EB	2	12	4	48	5
		EB	2	12	4	48	5
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	4	48	5
		EB	1	12	6	72	8
		EB	2	12	6	72	8
	MM 123	EB	2	12	6	72	8
MM 123		EB	2	12	6	72	8
		EB	2	12	10	120	13
		EB	2	12	4	48	5
		EB	2	12	4	48	5
		EB	2	12	5	60	7
		EB	2	12	6	72	8
		EB	2	12	4	48	5
		EB EB	2	12 12	4	48 48	5 5
		EB	2	12	4	48 48	5
		EB	2	12	4	48	5
		EB	2	12	4	48	5
		EB	2	12	6	72	8
	Shepley Road	EB	2	12	4	48	5
Shepley Road	Chepley Road	EB	2	12	6	72	8
Chiephoy Head		EB	2	12	8	96	11
		EB	2	12	6	72	8
		EB	2	12	6	72	8
		EB	2	4	25	100	11
		EB	2	12	6	72	8
		EB	2	10	6	60	7
		EB	2	10	6	60	7
		EB	2	12	6	72	8
		EB	2	12	6	72	8
	MM 124	EB	2	12	4	48	5
MM 124	River Road	EB					
River Road	DuPage River	EB					
DuPage River	MM 126	EB					
MM 126	I-66	EB					
I-66	MM 127	EB		10		70	
MM 127 MM 127.5	MM 127.5	EB EB	1	12	6	72 72	8
IVIIVI 127.5	Hoboult Road	EB	1 2	12 12	6 6	72	8 8
	Hoboult Road			12	U	12	·

CONTINUED

CROSS	STREET	DIRECTION	LANE	PAVEMENT	DAV/EMENT	REPAIR	REF
FROM	TO	EB/WB	NO.	PATCH	PATCH	AREA	AF
FROIVI	10	NB/SB	NO.	WIDTH *	LENGTH *		
Hoboult Road	MM 128	IND/SD		VVIDIO	LENGIN	(SQ FT)	(SQ
MM 128	IVIIVI 120	EB	2	12	15	180	<u> </u>
IVIIVI 120						72	2
		EB	1	12	6		
		EB	2	12	6	72	
	NANA 400 F	EB	2	12	6	72	1
NAN 400 E	MM 128.5	EB	2	12	6	72	
MM 128.5	MM 129			10	45	100	<u> </u>
MM 129		EB	2	12	15	180	2
		EB	1	12	6	72	3
		EB	2	12	15	180	2
		EB	2	12	6	72	3
		EB	2	12	10	120	1
	1414 400 7	EB	1	12	6	72	1
101.402.7	MM 129.5	EB	1	12	6	72	3
MM 129.5		EB	2	12	12	144	1
		EB	2	12	6	72	3
		EB	2	12	15	180	2
	Joliet Junction Trail	EB	2	12	12	144	1
Joliet Junction Trail		EB	2	20	12	240	2
		EB	2	12	15	180	2
		EB	2	12	4	48	!
		EB	2	12	4	48	,
		EB	1	12	4	48	!
		EB	2	12	4	48	!
		EB	2	12	15	180	2
		EB	2	12	10	120	1
		EB	2	12	6	72	
		EB	2	12	6	72	3
		EB	2	12	15	180	2
		EB	2	4	12	48	!
		EB	1	12	20	240	2
		EB	2	8	15	120	1
		EB	1	12	18	216	2
	Larkin Avenue	EB	1	6	20	120	1
Larkin Avenue		EB	2	12	20	240	2
	MM 131	EB	2	12	10	120	1
MM 131	Midland Avenue	EB	2	12	8	96	1
Midland Avenue		EB	2	12	12	144	1
		EB	2	12	6	72	8
		EB	1	12	6	72	3
	MM 131.5	EB	2	12	20	240	2
MM 131.5	Wheeler Avenue						
Wheeler Avenue		EB	2	12	6	72	3
	Center Street	EB	2	12	6	72	3
Center Street	Des Plaines River						
		TOTALS		914	642		8
				FT	FT		s

FILE NAME =	USER NAME = pencepl	DESIGNED - PLP	REVISED -
pw:\\IL084EBIDINTEG.:111:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\Desi	gr DRAWD ita\Design\ Pb Ething Projects\HMA\	2 REVHSE Expressway-South.dgn
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/29/2018	DATE -	REVISED -

STATI	E OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

INTERMITTENT RESURFACING SCHEDULE - I-80 (EB)					F.A.I. RTE.	SECTI	
I-80 AND I-55 INTERMITTENT RESURFACING				• '	80&55	(99-1&2	
	OU AND	1-33 1141	LILIVIIIIILIVII	IILOUIII AUIIV	•		
	SHEET	OF	SHEETS STA	١.	TO STA.		II

RTE.	SEC.	TION			COUNTY	SHEETS	NO.
80&55	(99-1&	2)PP-1			WILL	24	6
				П	CONTRACT	NO. 6	2G33
		ILLINOIS	FED.	ΑI	D PROJECT		

ROUTE	E: I-80(Grundy-Will County Lin	ne to Des Plair	nes River)			
CROS	S STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAI
FROM	ТО	EB/WB	NO.	PATCH	PATCH	AREA	AREA
		NB/SB		WIDTH *	LENGTH *	(SQ FT)	(SQ Y
Des Plaines River	Center Street	WB	1	12	6	72	8
Center Street	Wheeler Avenue						
Wheeler Avenue	MM 131.5						
MM 131.5		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	20	240	27
	Midland Avenue	WB	2	12	6	72	8
Midland Avenue		WB	1	12	20	240	27
		WB	1	12	15	180	20
	MM 131	WB	2	12	15	180	20
MM 131	Larkin Avenue						
Larkin Avenue		WB	1	12	6	72	8
	MM 130	WB	2	12	6	72	8
MM 130	MM 129						
MM 129	MM 129.5						
MM 129.5		WB	1	12	4	48	5
	MM 128	WB	1	24	4	96	11
MM 128	Hoboult Road						
Hoboult Road	MM 127	WB	2	12	6	72	8
MM 127	I-55						
I-55	DuPage River	WB	1	12	20	240	27
DuPage River		WB	2	12	20	240	27
	River Road	WB	2	12	6	72	8
River Road		WB	2	12	6	72	8
	MM 125	WB	2	12	6	72	8
MM 125		WB	2	12	20	240	27
		WB	1	4	25	100	11
		WB	1	4	25	100	11
		WB	1	4	50	200	22
		WB	2	12	5	60	7
	MM 124.5	WB	1	4	50	200	22
MM 124.5		WB	2	4	40	160	18
		WB	2	12	8	96	11
		WB	2	12	6	72	8
		WB	2	12	8	96	11
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	5	60	7
		WB	2	12	4	48	5
	MM 124	WB	2	12	4	48	5
MM 124		WB	2	12	40	480	53
		WB	2	12	10	120	13
	Shepley Road	WB	2	12	12	144	16
Shepley Road	Grundy-Will County Line	WB	1	12	6	72	8
		TOTALS		440	520		530
		IOIALS					
				FT	FT		SY

FILE NAME =	USER NAME = pencepl	DESIGNED - PLP	REVISED -
pw:\\IL084EBIDINTEG.:ll:nois.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\Desi	gr DRAWN ta\Design\ Pb tching Projects\HMA\	2 REV∥%E @xpressway-South.dgn
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/29/2018	DATE -	REVISED -

INTE	INTERMITTENT RESURFACING SCHEDULE - I-80 (WB) I-80 AND I-55 INTERMITTENT RESURFACING RTE. SECTION COUNTY SHEETS NO 80&55 (99-1&2)PP-1 WILL 24 7	SHEET NO.								
I_	I ON AND I SE INTERMITTENT DECLIDEACING						(99-1&2)PP-1	WILL	24	7
	-OU AIND	1-33 1141	LINVIIII	INI IILO	oni Adiild			CONTRACT	NO.	62G33
	SHEET	, ,	TO STA.		ILLINOIS FED. AI	D PROJECT				

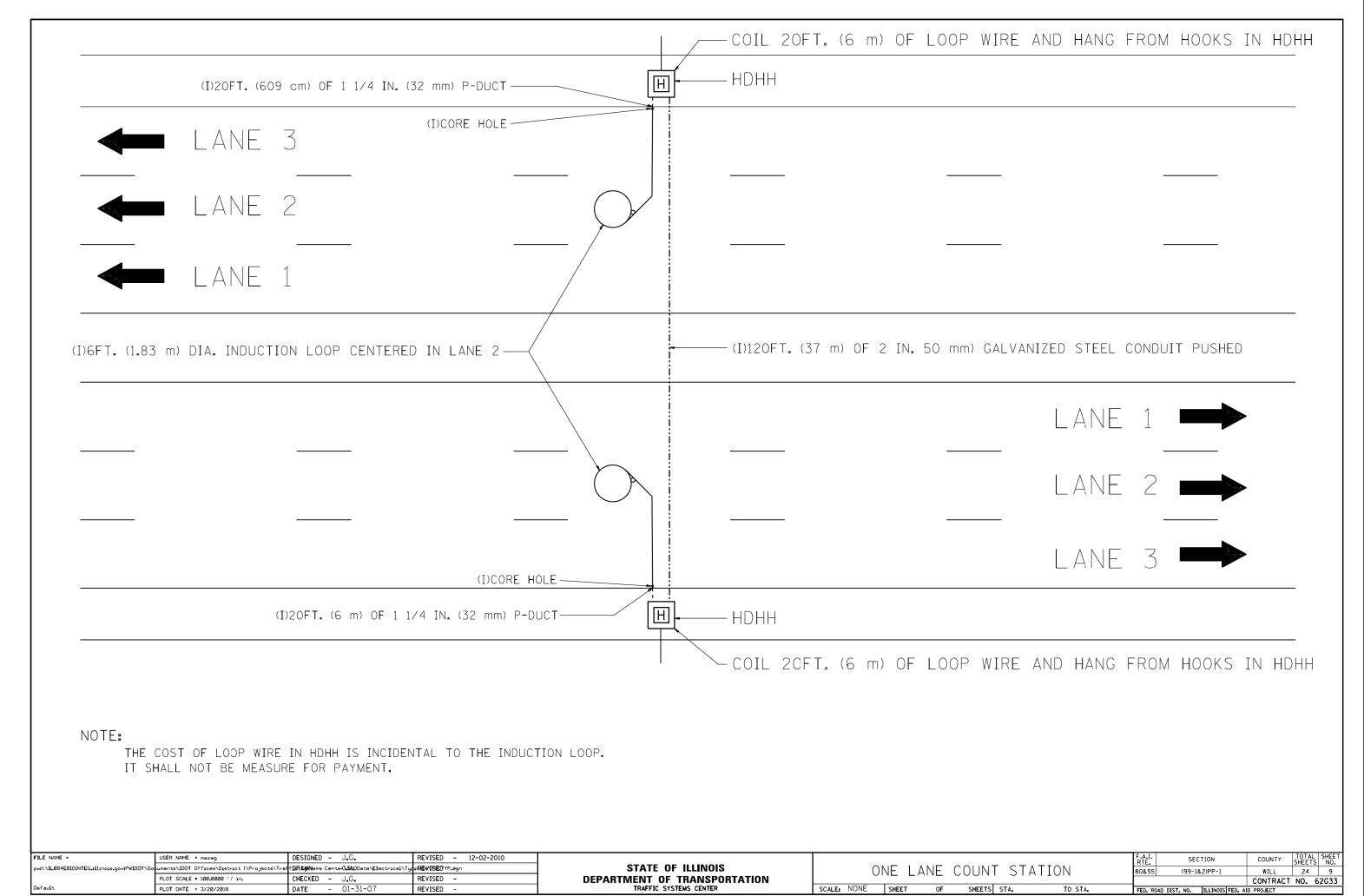
	I-55 (Des Plaines River to V	veber reday					
CROSS	STREET	DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	EB/WB	NO.	PATCH	PATCH	AREA	AREA
		NB/SB		WIDTH *	LENGTH *	(SQ FT)	(SQ YD
Des Plaines River		NB	2	12	25	300	33
	Illinois And Michigan Canal	NB	2	12	20	240	27
Exit Ramp to EB I-80	Ent. Ramp from EB I-80	NB	Ramp	13	30	390	43
Ent. Ramp from EB I-80	Ent. Ramp from WB I-80	NB	Aux.	6	300	1800	200
Ent. Ramp from WB I-80	Ent. Namp from VVB 1-00	NB	1	6	20	120	13
Ent. Namp from VVD 1-00		NB	1	6	20	120	13
		NB	1	6	20	120	13
	MM 252	NB	2	12	50	600	67
MM 252	141141 202	NB	3	12	20	240	27
141141 202		NB	3	12	20	240	27
		NB	2	12	10	120	13
	MM 254	NB	2	12	10	120	13
MM 254		NB	1	12	30	360	40
		NB	2	12	25	300	33
		NB	2	12	25	300	33
	MM 255	NB	1	12	20	240	27
MM 255		NB	2	12	20	240	27
	MM 256	NB	1	12	25	300	33
MM 256		NB	1	12	25	300	33
		NB	2	12	20	240	27
		NB	2	12	25	300	33
		NB	3	12	25	300	33
	MM 257	NB	2	12	10	120	13
MM 257	MM 258	NB	2	12	10	120	13
MM 258		NB	2	12	25	300	33
	MM 259	NB	3	12	25	300	33
MM 259		NB	1	12	100	1200	133
		NB	2	12	25	300	33
		NB	2	12	20	240	27
		NB	2	12	40	480	53
	MM 260	NB	3	13	10	130	14
MM 260		NB	3	13	20	260	29
		NB	2	12	20	240	27
		NB	2	12	20	240	27
		NB	3	13	50	650	72
		NB	2	13	10	130	14
	MM 261	NB	3	13	10	130	14
MM 261	Weber Road						
		TOTALS		426	1180	12130	1348
					FT		SY

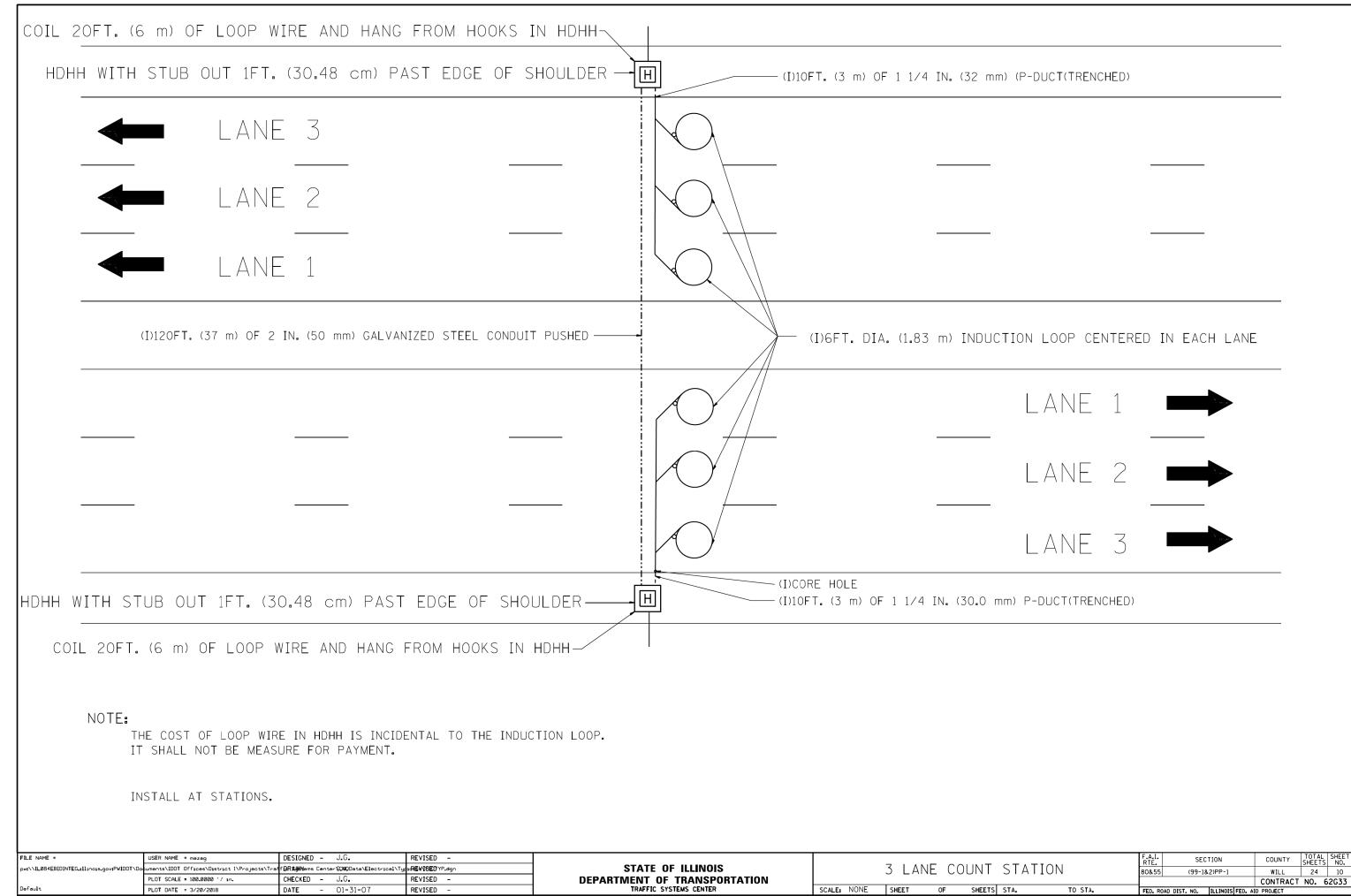
ROUTE:	I-55 (Des Plaines River to V	Veber Road)					
	STREET	DIRECTION			PAVEMENT	REPAIR	REPAIR
FROM	TO	EB/WB	NO.	PATCH	PATCH	AREA	AREA
		NB/SB		WIDTH *	LENGTH *	(SQ FT)	(SQ YD)
Weber Road		SB	2	12	40	480	53
		SB	1	12	20	240	27
		SB	2	13	20	260	29
		SB	3	13	20	260	29
	MM 261	SB	2	12	30	360	40
MM 261		SB	2	12	20	240	27
		SB	3	13	30	390	43
	MM 260	SB	1	13	30	390	43
MM 260		SB	2	12	30	360	40
		SB	2	12	10	120	13
	MM 259	SB	1	12	30	360	40
MM 259	MM 258	SB	1	12	25	300	33
MM 258		SB	1	12	30	360	40
		SB	1	12	100	1200	133
		SB	1,2	6	300	1800	200
	MM 257	SB	2	13	50	650	72
MM 257		SB	1	12	50	600	67
	MM 256	SB	1	12	20	240	27
MM 256		SB	3	13	20	260	29
	MM 255	SB	1	12	20	240	27
MM 255		SB	1	12	25	300	33
	MM 254	SB	2	12	25	300	33
MM 254		SB	2	12	20	240	27
	MM 252	SB	3	13	20	260	29
MM 252	Exit Ramp to WB I-80						
Exit Ramp to WB I-80	Ent. Ramp from EB I-80	SB	Aux.	12	300	3600	400
III V I V V		65		10	50	000	
Illinois And Michigan Canal		SB	2	12	50	600	67
	Des Plaines River	SB	3	12	50	600	67
		TOT:: 0		007	400=		4000
		TOTALS		325	1385		1668
				FT	FT		SY

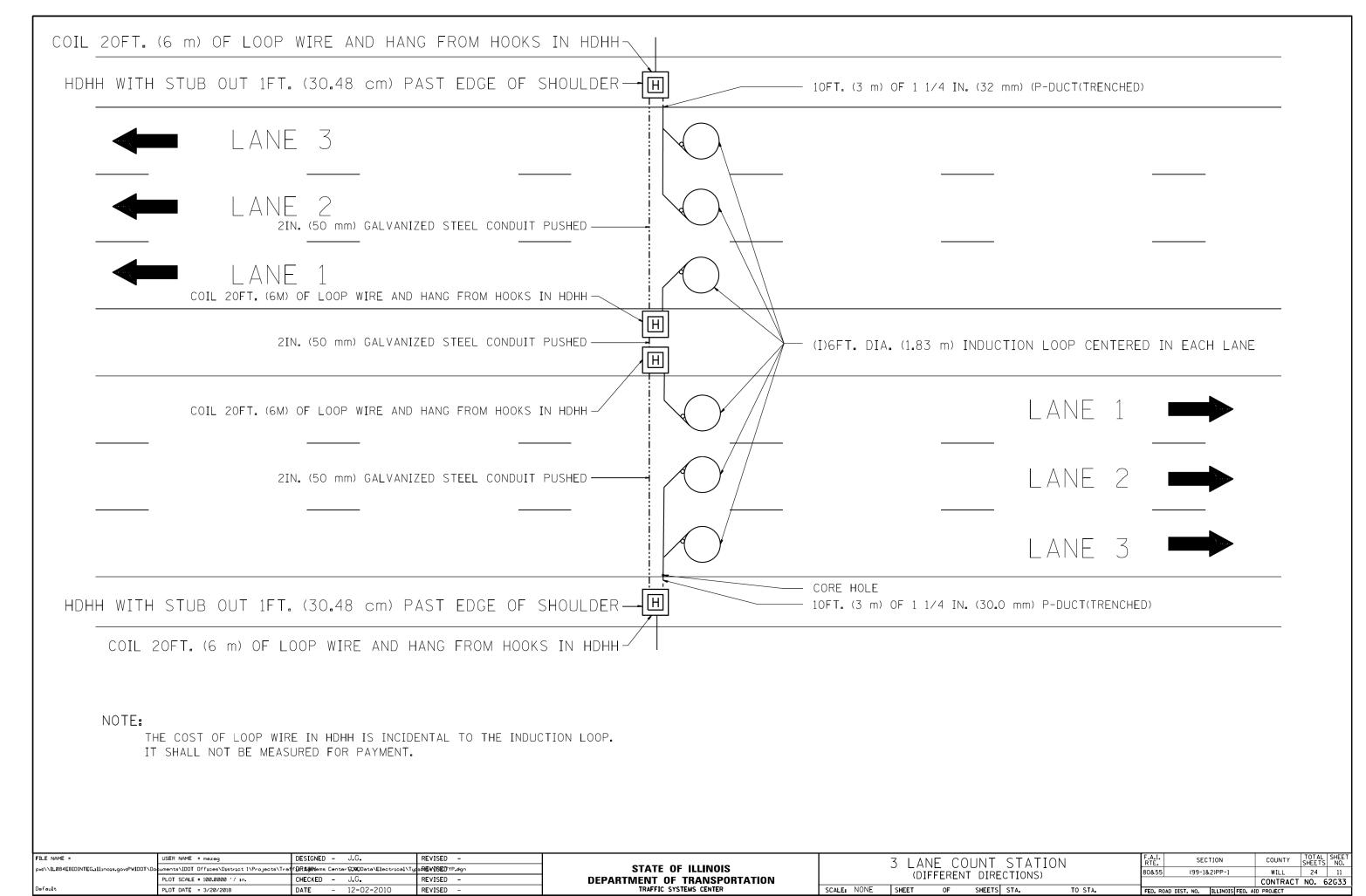
FILE NAME =	USER NAME = pencepl	DESIGNED - PLP	REVISED -
pw:\\IL084EBIDINTEG.:111:no:s.gov:PWIDOT\Do	puments\IDOT Offices\District 1\Projects\Desi	gr DRAWN ta\Design\ Pb tching Projects\HMA\	2 REVISE Expressway-South.dgn
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/29/2018	DATE -	REVISED -

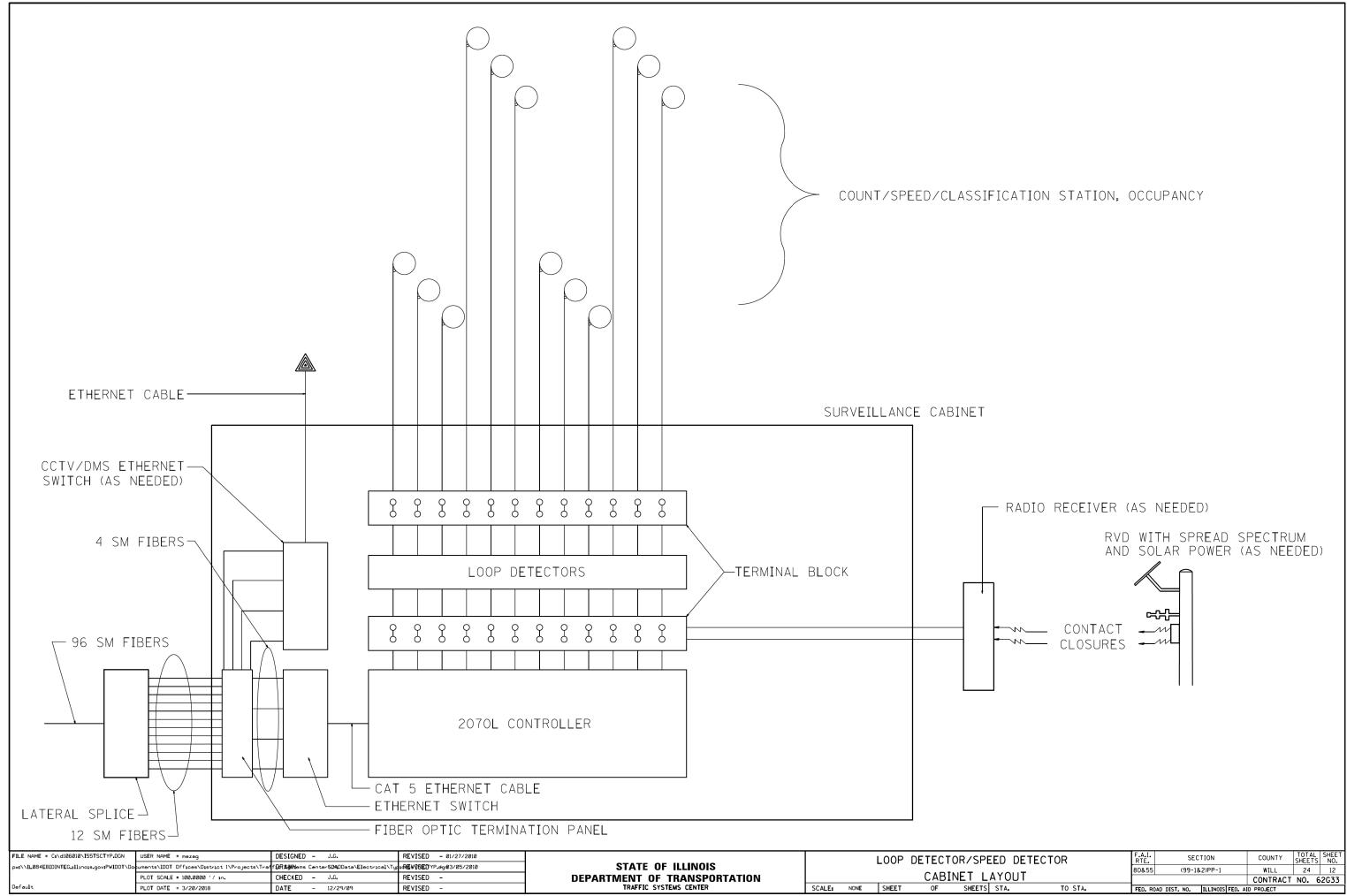
STATE	0F	ILLINOIS	
DEPARTMENT (OF 1	TRANSPO	RTATION

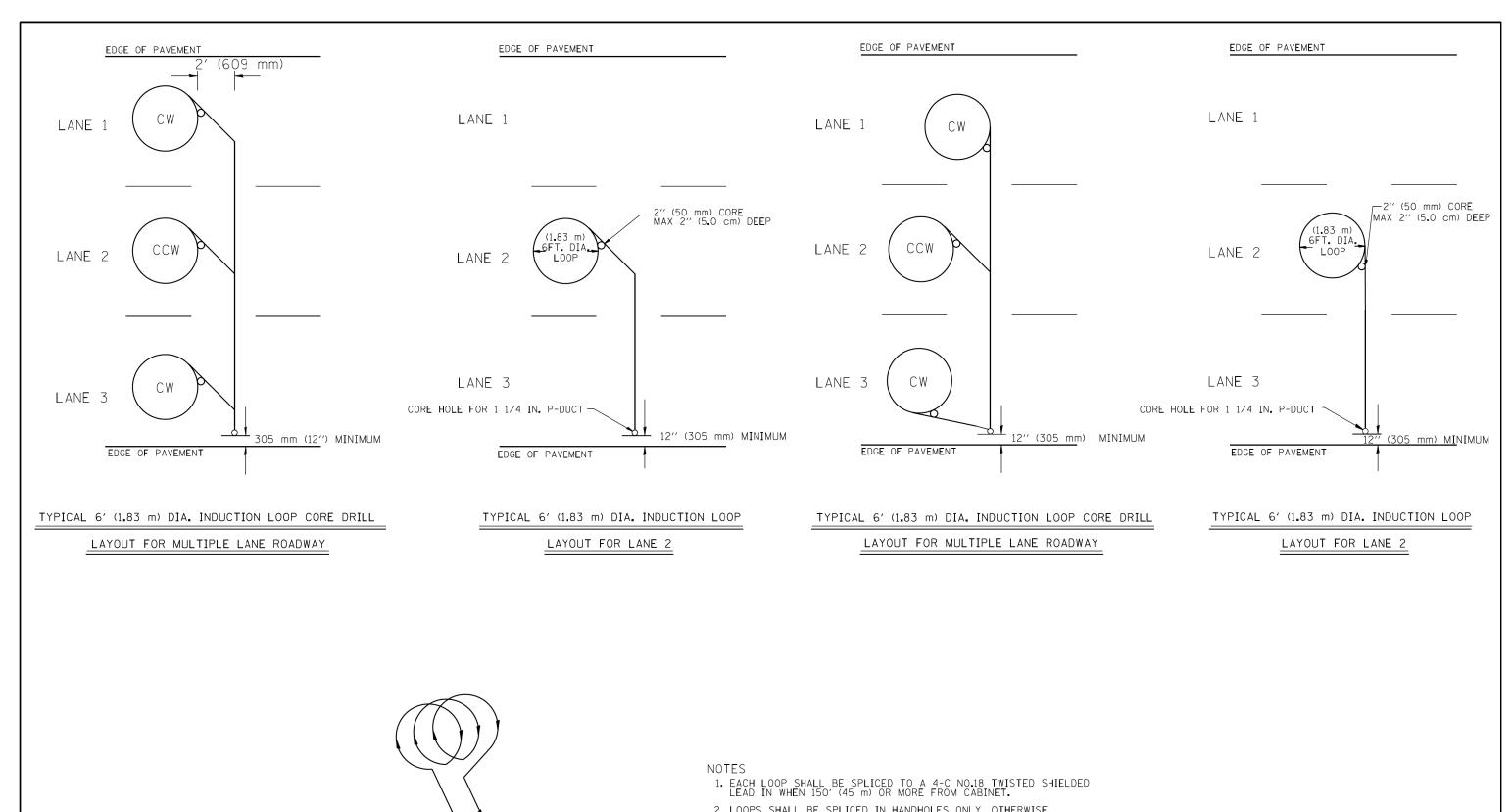
I-80 AND I-55 INTERMITTENT RESURFACING	IJ	NTERMITT	ENT RE	SURFACIN	IG SCHEI	DULE - I-55	F.A.I. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.	
CONTRACT NO. 62G33	I_	AN AND	I_55 IN	TERMITTE	MT RESII	REACING	80&55	(99-1&2)PP-1	WILL	24	8	
SHEET OF SHEETS STA. TO STA.		-OU AND	1-33 114	LLINVIIII	INI IILOU	III AOING			CONTRACT	NO.	52G33	
		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT					







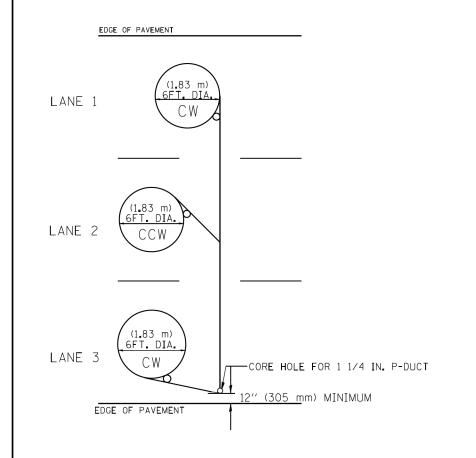


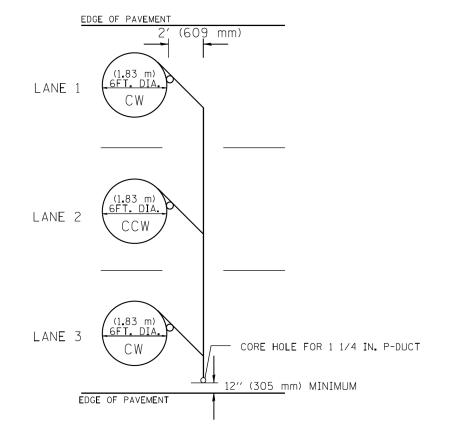


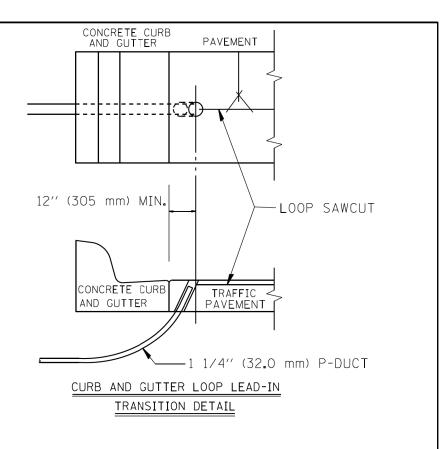
WIRING DETAILS

- 2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
- 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
- 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

FILE NAME =	USER NAME = mezag	DESIGNED - R.L.	REVISED - 6/94		EXISTING ROUND LOOP	F.A.I. SECTION	COUNTY TOTAL SHEET
pw:\\IL084EBIDINTEG.:111:no1s.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\Traf	f QRAYWN ems Center GCMD Data\ El ectrical\Ty	1.00€10 YP.dgn 9/96	STATE OF ILLINOIS		80&55 (99-1&2)PP-1	WILL 24 13
	PLOT SCALE = 100.0000 ' / 10.	CHECKED - R.L.	REVISED - R.L. 03/2011	DEPARTMENT OF TRANSPORTATION	INSTALLATION		CONTRACT NO. 62G33
Default	PLOT DATE = 3/20/2018	DATE - 6-22-94	REVISED -	TRAFFIC SYSTEMS CENTER	SCALE: NONE SHEET OF SHEETS STA. TO STA.		AID PROJECT







TYPICAL 6FT. (1.83 m) DIA. INDUCTION LOOP CORE DRILL

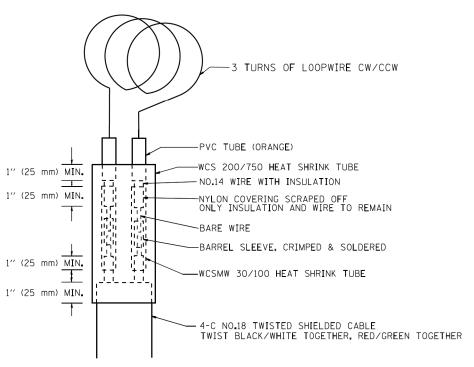
LAYOUT FOR MULTIPLE LANE ROADWAY

TYPICAL 6FT. (1.83 m) DIA. INDUCTION LOOP CORE DRILL

LAYOUT FOR MULTIPLE LANE ROADWAY

NOTES

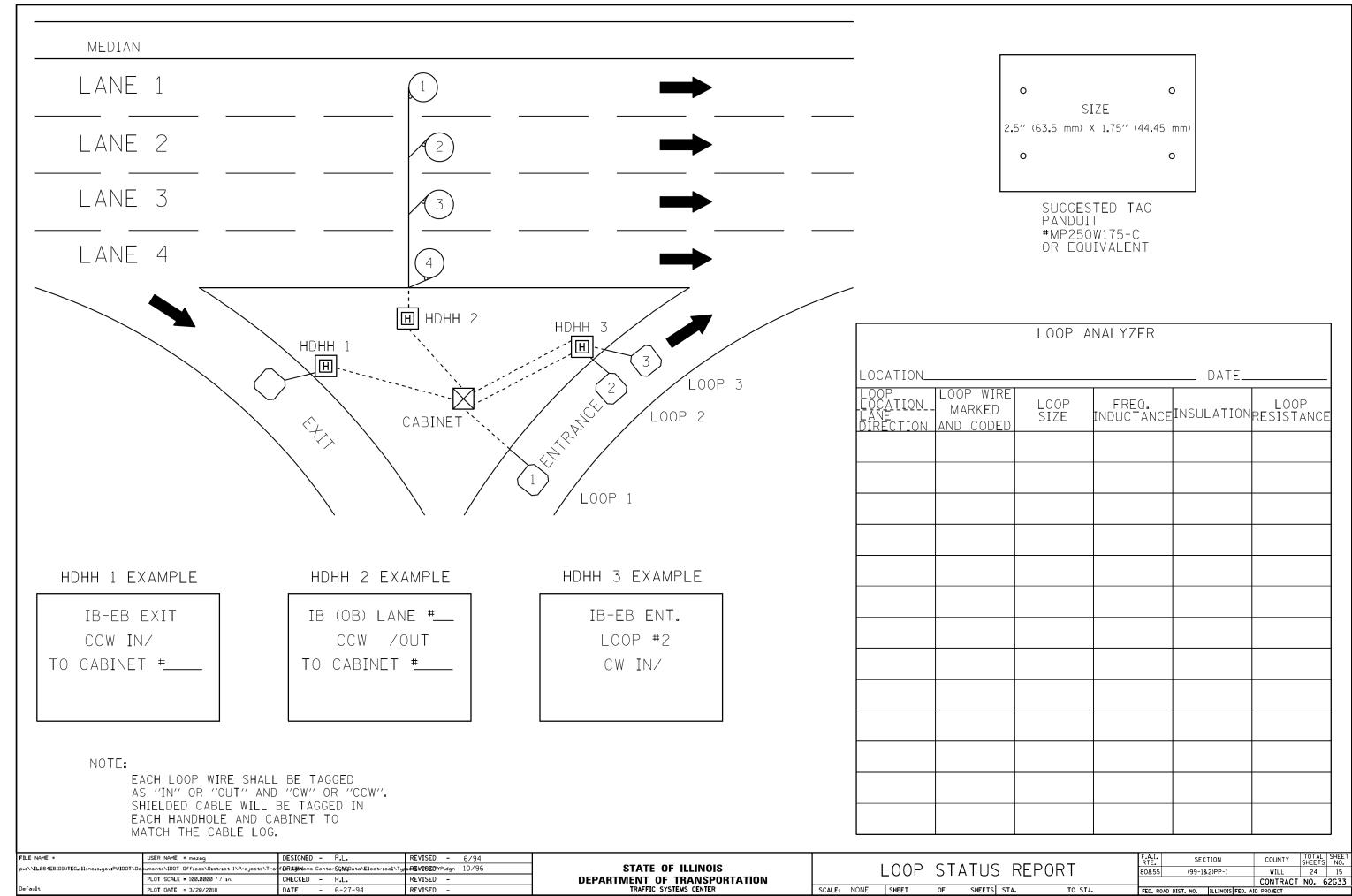
- 1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150FT. (45 m) OR MORE FROM CABINET.
- 2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
- 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
- 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

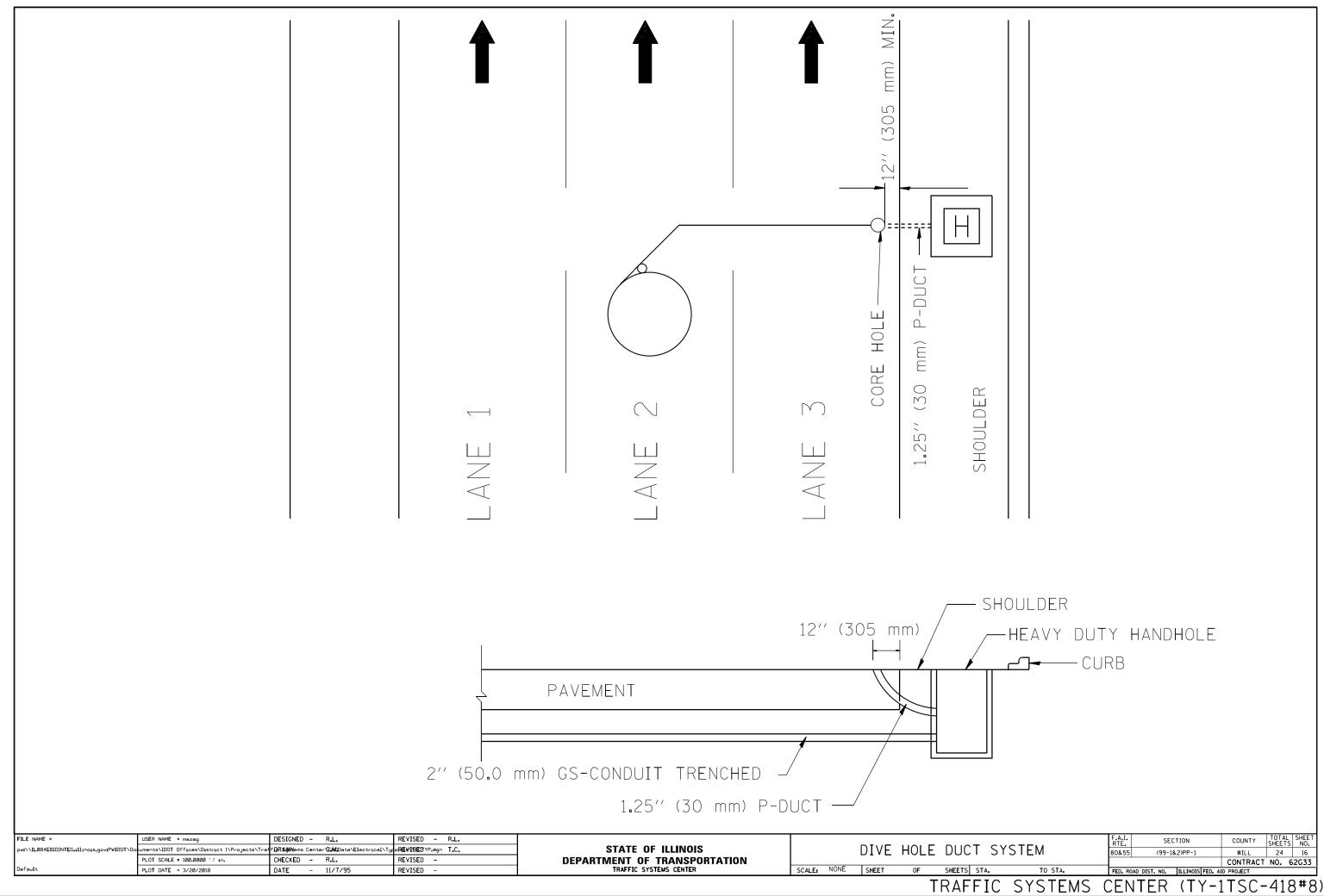


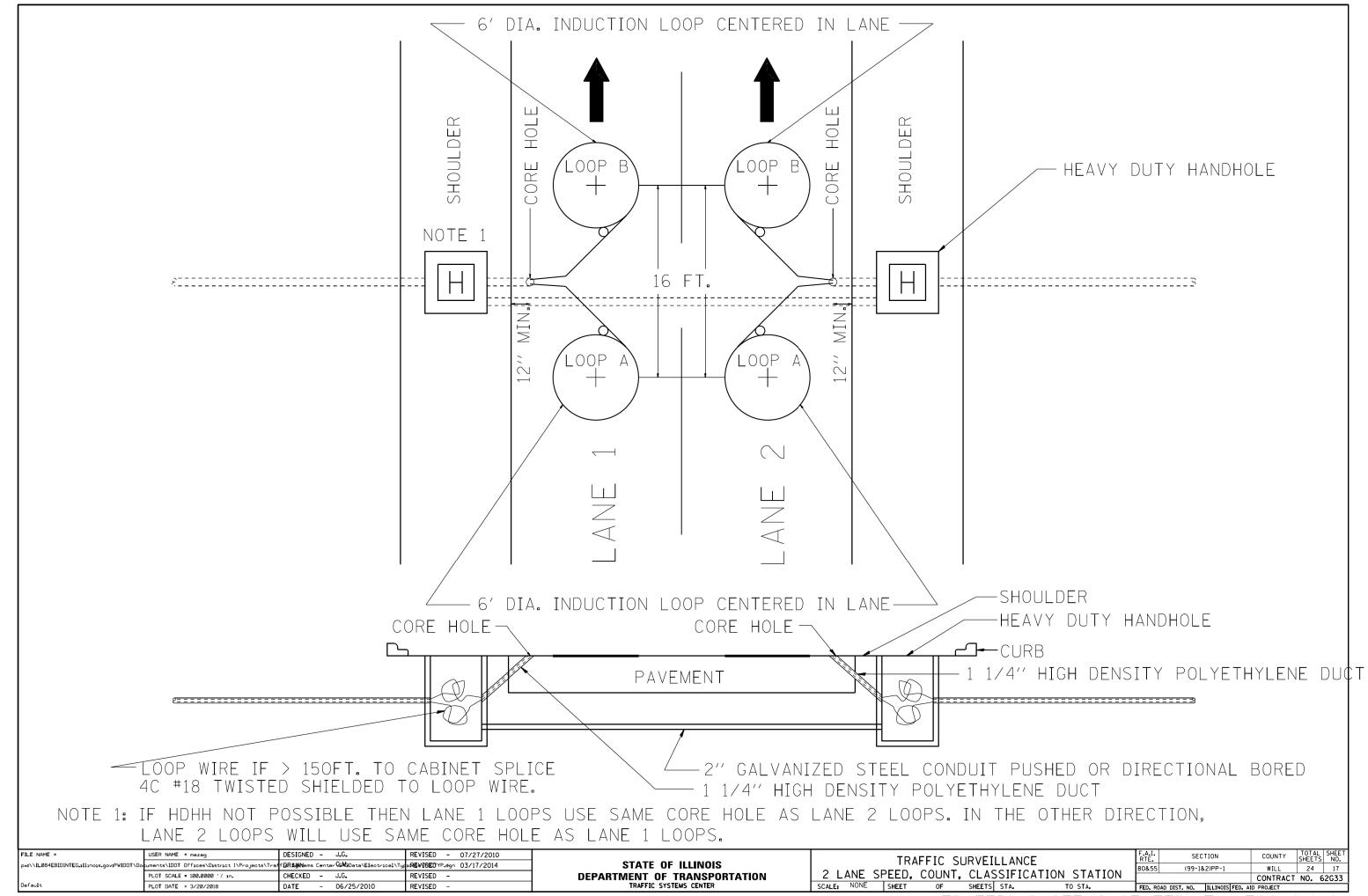
MINIMUM 1" (25 mm) HEAT SHRINK TUBING OVERLAP ON WIRE, PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL

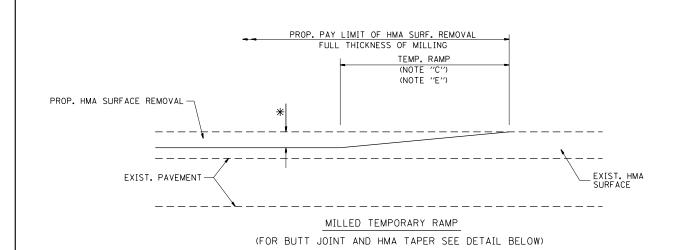
LOOP SPLICING REQUIREMENTS

FILE NAME =	USER NAME = mezag	DESIGNED - R.L.	REVISED - 6/94		I EXISTING	F.A.I. SECTION	COUNTY TOTAL SHEET
pw:\\ILØ84EBIDINTEG.ıllınoıs.gov:PWIDOT\Do	ouments\IDOT Offices\District 1\Projects\Traf	f DRAWN ems Center [©] EMDData\ El ectrical\Ty	10/96	STATE OF ILLINOIS	ROUND INDUCTION LOOP	80&55 (99-1&2)PP-1	WILL 24 14
	PLOT SCALE = 100.00000 ' / 10.	CHECKED - R.L.	REVISED - R.L. 03/2011	DEPARTMENT OF TRANSPORTATION	TYPICALS		CONTRACT NO. 62G33
Default	PLOT DATE = 3/20/2018	DATE - 6-22-94	REVISED -	TRAFFIC SYSTEMS CENTER	SCALE: NONE SHEET OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. A	ID PROJECT

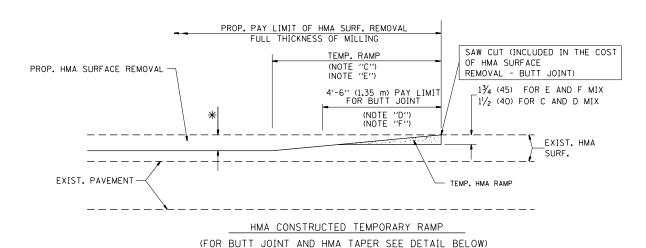




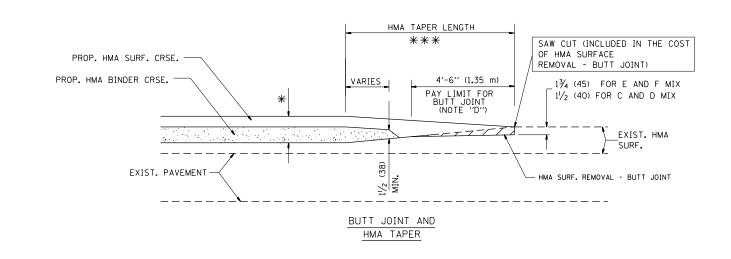




OPTION 1



OPTION 2 TYPICAL TEMPORARY RAMP

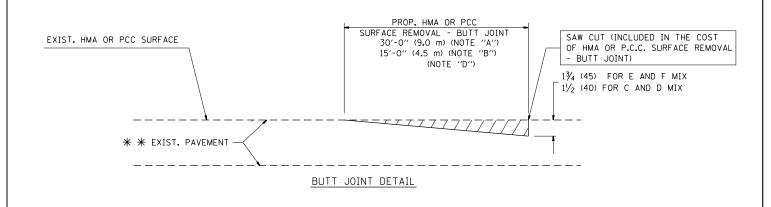


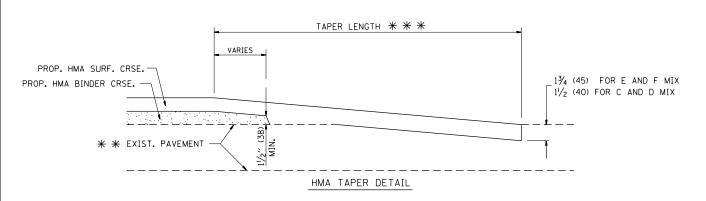
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS

OTHERWISE SHOWN.





TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

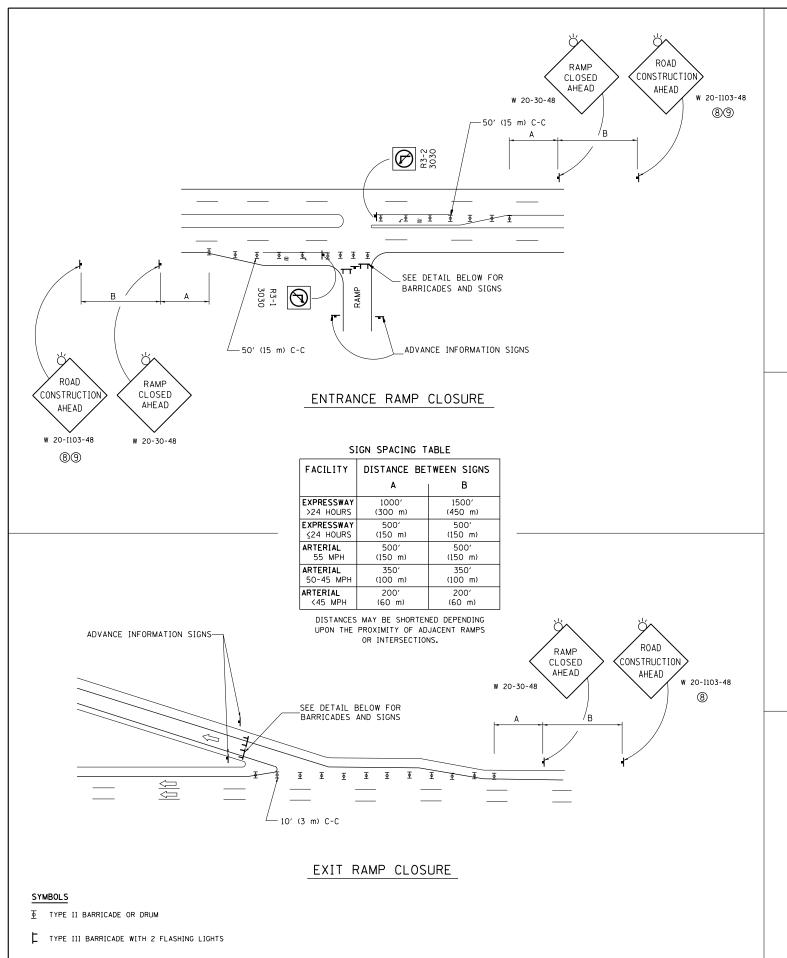
* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

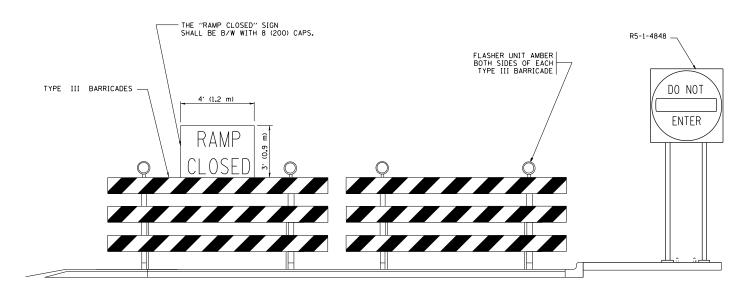
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- : 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.
- ** * 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:

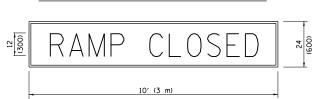
THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".





DETAIL FOR REQUIRED BARRICADES & SIGNS

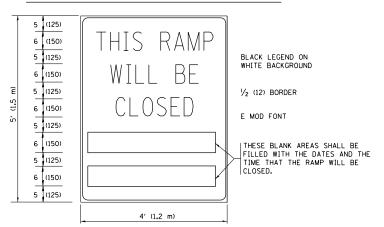
RAMP CLOSURE ADVANCE INFORMATION SIGN



RAMP CLOSURE ADVANCE WARNING SIGN

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

1 (25) BORDER
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

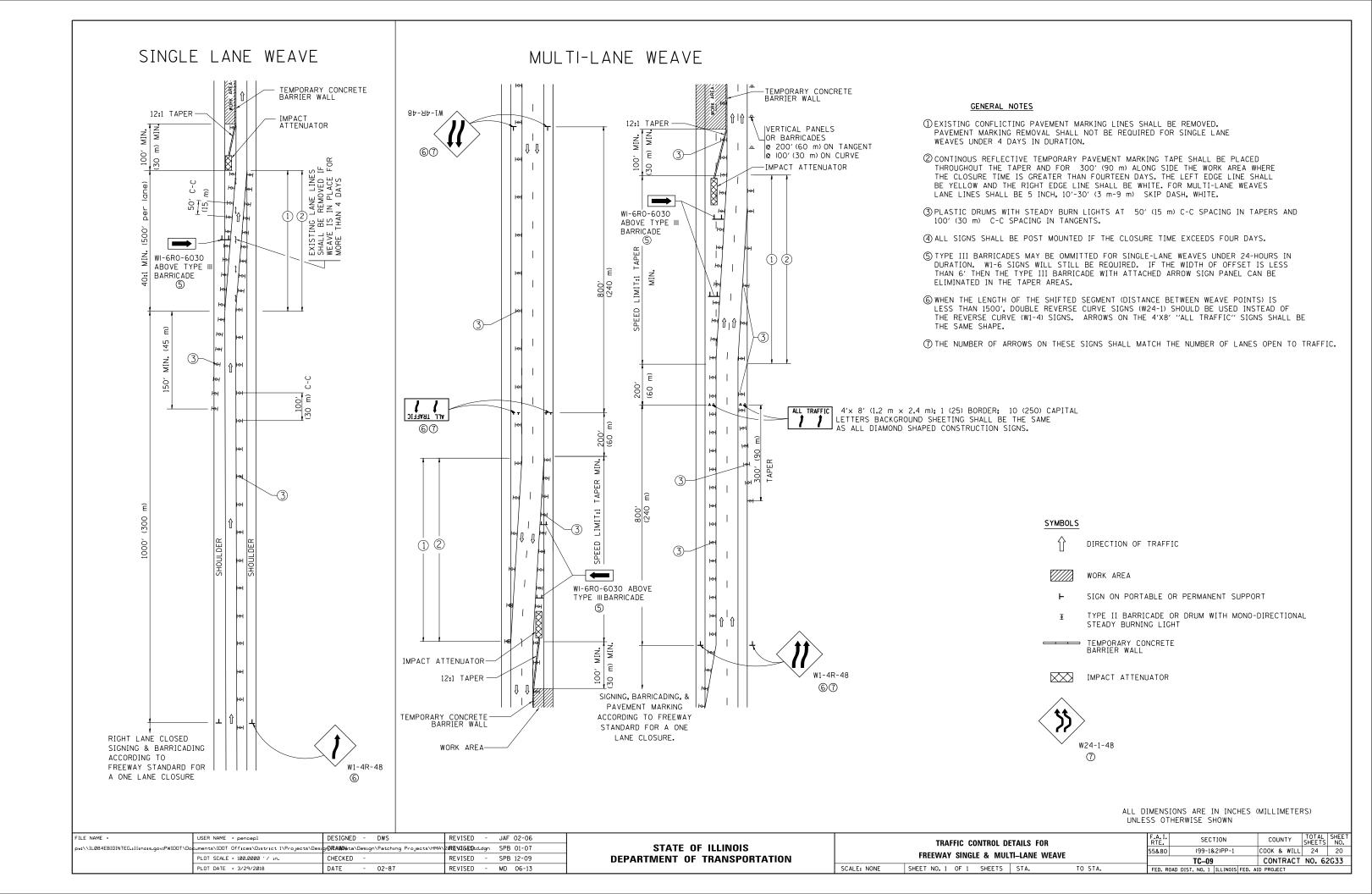
GENERAL NOTES:

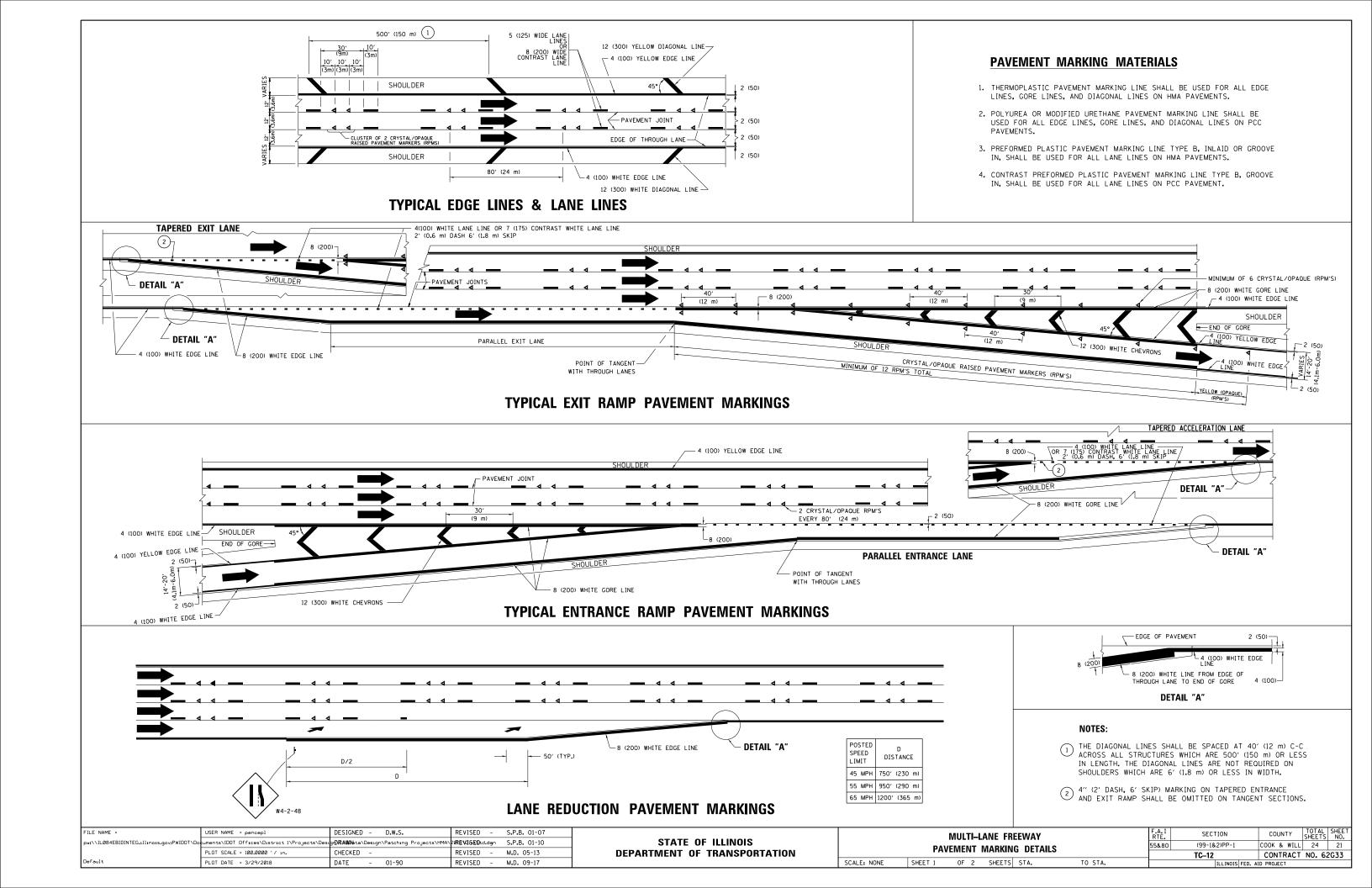
- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II
 BARRICADES DURING DAY OPERATIONS. CONES SHALL BE
 A MINIMUM OF 28 (700) HIGH.
- $\ensuremath{ \bigcirc}$ VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- (3) A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, 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).

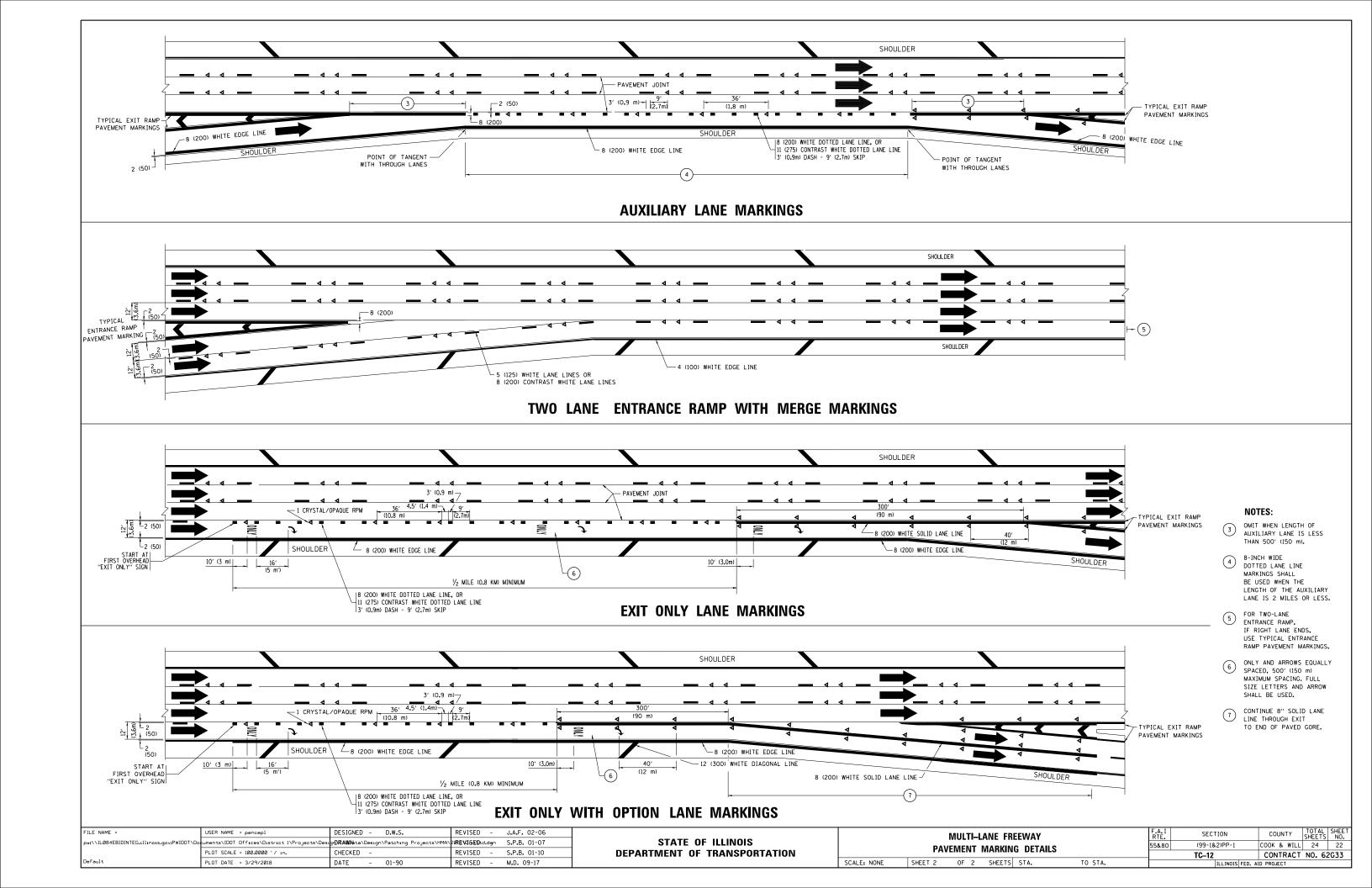
- 6 AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- (7) THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS, ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES 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.
- ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

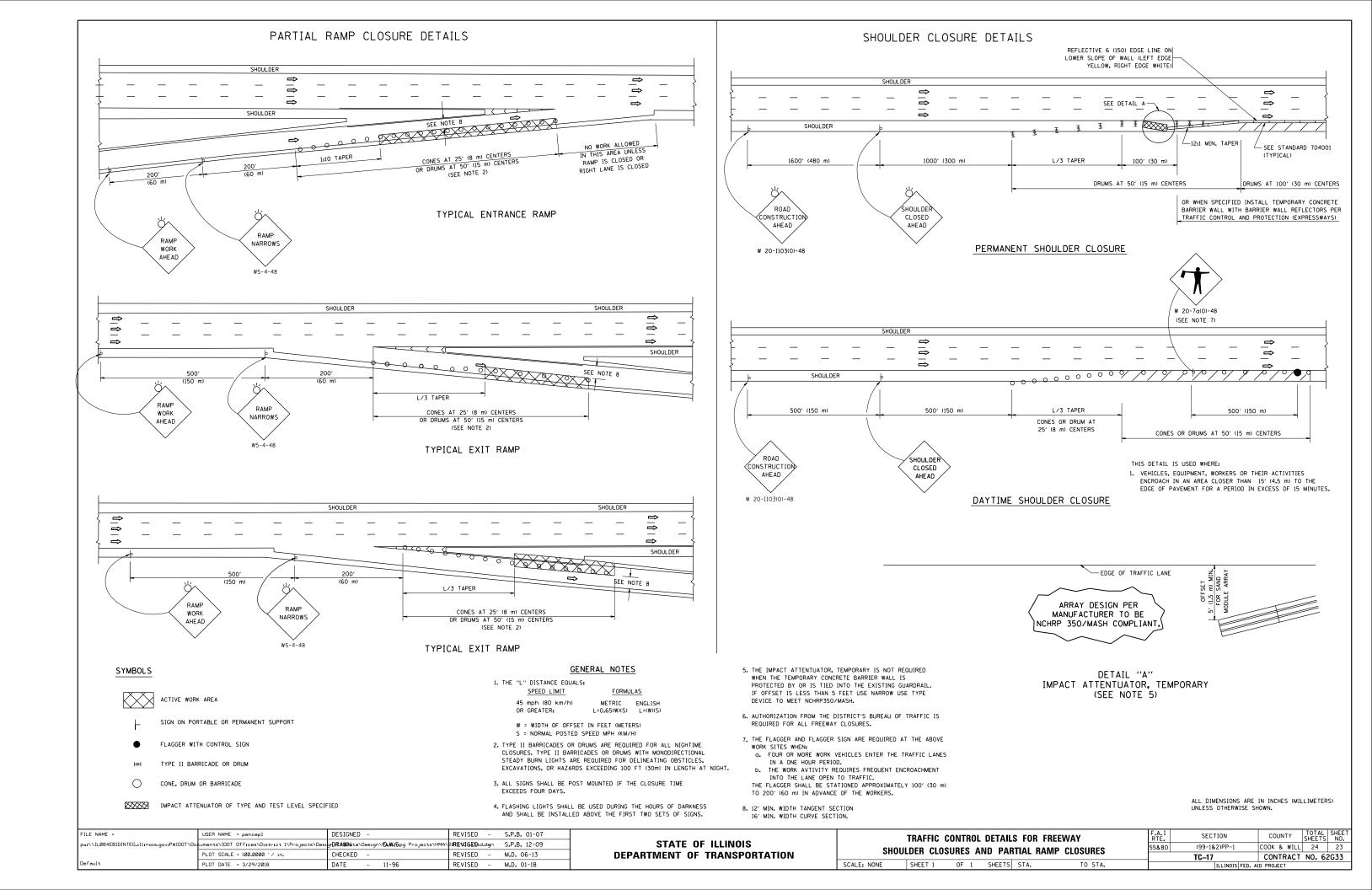
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = pencepl	DESIGNED - D.W.S.	REVISED - S.P.B. 01-07		ENTRANCE AND EXIT RAMP	F.A. I	SECTION	COUNTY TOTAL SHEET
pw:\\ILØ84EBIDINTEG.:ll:nois.gov:PWIDOT\C	ocuments\IDOT Offices\District 1\Projects\Des	sign DRAWN ta\Design\Patching Projects\HM	ANZIREVISEOtd.dgn S.P.B. 12-09	STATE OF ILLINOIS	CLOSURE DETAILS	55&80	(99-1&2)PP-1	COOK & WILL 24 19
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED - M.D. 06-13	DEPARTMENT OF TRANSPORTATION	CLUSURE DETAILS		TC-08	CONTRACT NO. 62G33
Default	PLOT DATE = 3/29/2018	DATE - 02-83	REVISED - M.D. 01-18		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		TILL INDIS FED. A	ID PROJECT



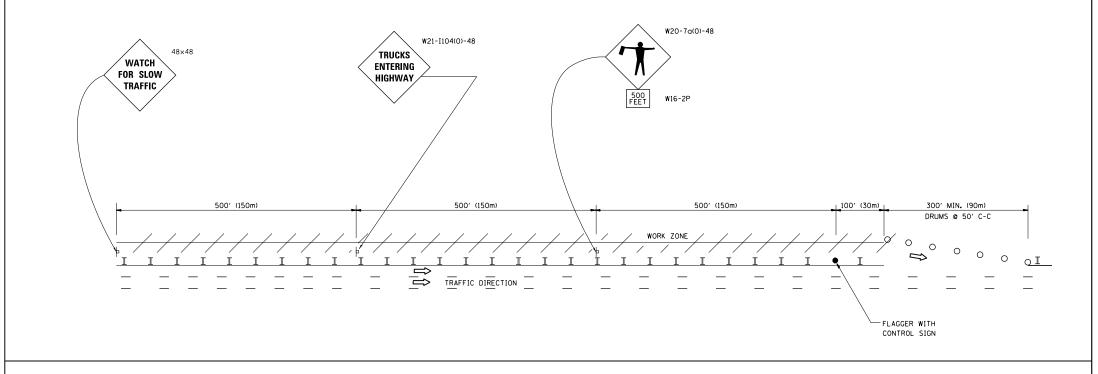




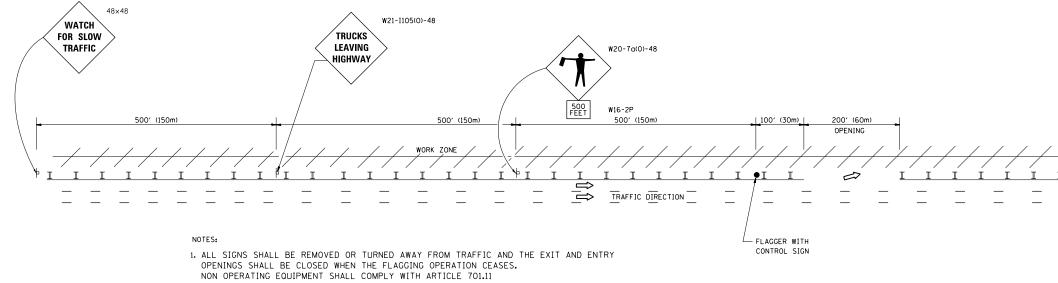


SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

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 = pencep1	DESIGNED -	REVISED -	J.A.F. 02-06	OTATE OF HIMMOR	FRE	EWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS	RTE.	SECTION	COUNTY SHEETS NO.
pw:\\ILØ84EBIDINTEG.:111:nois.gov:PWIDOT\Do	cuments\IDOT Offices\District 1\Projects\Desi		POREVISEStd.dgn		STATE OF ILLINOIS	۸ .	T WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS	55&80	(99-1&2)PP-1	COOK & WILL 24 24
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	S.P.B. 12-09	DEPARTMENT OF TRANSPORTATION	^	I WORK ZONE OFENINGS ON TREEWATS/EAFRESSWATS		TC-18	CONTRACT NO. 62G33
	PLOT DATE = 3/29/2018	DATE -	REVISED -	M.D. 06-13		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROA	AD DIST. NO. 1 ILLINOIS FED. A	ID PROJECT