

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 RS	DUPAGE	44	1
ILLINOIS			CONTRACT NO. 60W66	

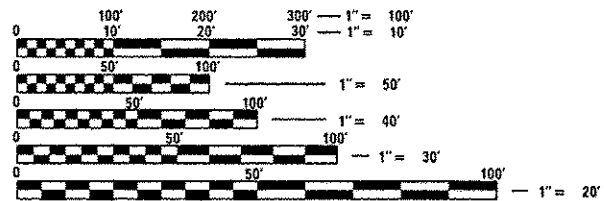
FOR INDEX OF SHEETS, SEE SHEET NO. 2

**PROPOSED
HIGHWAY PLANS**

**VARIOUS ROUTES
SECTION: 2013-030 RS
VARIOUS LOCATIONS IN DUPAGE COUNTY
INTERMITTENT RESURFACING
DUPAGE COUNTY
C-91-350-13**

- THIS PROJECT IS LOCATED IN:
- THE VILLAGE OF BENSENVILLE
 - THE VILLAGE OF BLOOMINGDALE
 - THE VILLAGE OF CLARENDON HILLS
 - THE VILLAGE OF DOWNERS GROVE
 - THE VILLAGE OF GLEN ELLYN
 - THE VILLAGE OF HANOVER PARK
 - THE VILLAGE OF HINSDALE
 - THE VILLAGE OF ITASCA
 - THE VILLAGE OF LISLE
 - THE VILLAGE OF LOMBARD
 - THE VILLAGE OF OAK BROOK
 - THE VILLAGE OF ROSELLE
 - THE VILLAGE OF VILLA PARK
 - THE VILLAGE OF WESTMONT
 - THE VILLAGE OF WINFIELD
 - THE CITY OF AURORA
 - THE CITY OF DARIEN
 - THE CITY OF ELMHURST
 - THE CITY OF NAPERVILLE
 - THE CITY OF OAKBROOK TERRACE
 - THE CITY OF WARRENVILLE
 - THE CITY OF WEST CHICAGO
 - THE CITY OF WHEATON
 - THE CITY OF WOOD DALE

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.

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: KEN ENG (847) 705-4247

CONTRACT NO. 60W66

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 5/20 2013

John E. Morrison III
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 28 2013
John D. Baranzoni, PE, PE
acting ENGINEER OF DESIGN AND ENVIRONMENT

June 28 2013
Omer Osman, PE, PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

<u>SHEET NO.</u>	<u>DESCRIPTION</u>	<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET	000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	701011-03	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
3	SUMMARY OF QUANTITIES	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
4	GENERAL LOCATION MAP	701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY
5-6	ROUTE INFORMATION	701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
7	SUMMARY OF INTERMITTENT RESURFACING SCHEDULE	701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES
8-35	INTERMITTENT RESURFACING SCHEDULE	701421-05	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
36	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701426-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH
37	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)	701427-01	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
38	TYPICAL APPLICATIONS: RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
39	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701502-05	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
40	TRAFFIC CONTROL AND PROTECTION OF TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	701601-08	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
41	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)	701602-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
42	ARTERIAL ROAD INFORMATION SIGN (TC-22)	701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
43	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05, SHEET 1 OF 6)	701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
44	DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING (TS-07)	701901-02	TRAFFIC CONTROL DEVICES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)

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)

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.

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.

ALL INTERMITTENT RESURFACING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT (847) 741-9857 MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

THE EXISTING ROADWAY TYPICAL SECTION IS ASSUMED TO HAVE A 3 INCH HOT-MIX ASPHALT OVERLAY ON TOP OF A TEN INCH CONCRETE BASE.

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.

NO PATCHING OR RESURFACING IS TO BE DONE WITHIN FIFTY (50) FEET OF ANY RAILROAD CROSSING.

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.

ANY DETECTOR 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.

ALL LOOP DETECTOR LOCATIONS SHALL BE CURB MARKED BY THE CONTRACTOR PRIOR TO MILLING FOR THE PURPOSE OF REESTABLISHING DETECTOR LOOP LAYOUT AFTER THE RESURFACING IS COMPLETED.

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).

OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS. ANY MILLED PAVEMENT IS TO BE RESURFACED BY THE END OF EACH DAY AND OPEN TO TRAFFIC.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS (%) @ N _{DES.}
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5MM), 2"	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

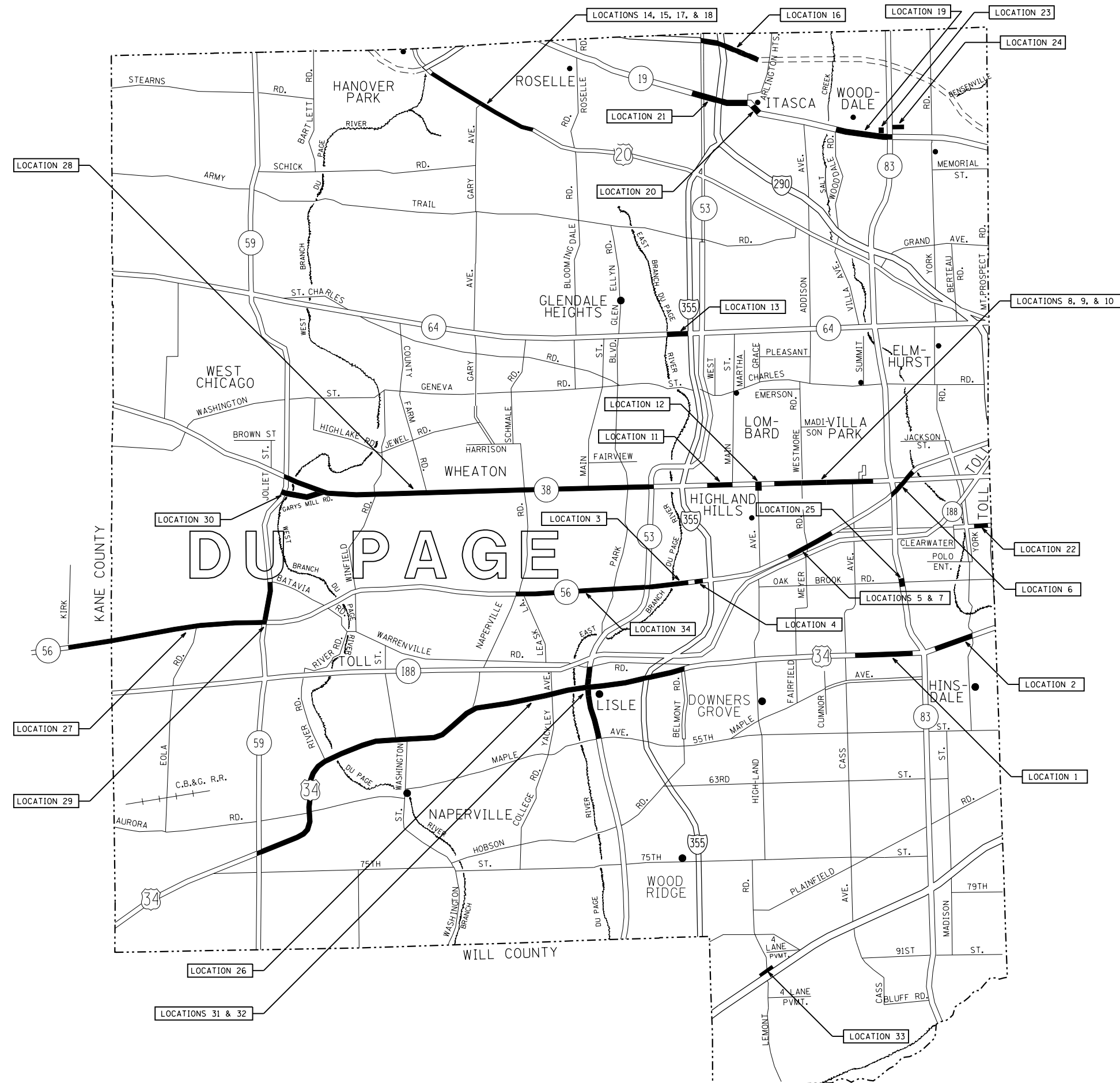
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

FILE NAME *	USER NAME * toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\toriafm\08335178\08335178.dgn	PAGE-Design.dgn	DRAWN -	REVISED -			VAR.	2013-030 RS	DUPAGE	44	2
	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -					CONTRACT NO.	60W66	
	PLOT DATE = 5/23/2013	DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

SUMMARY OF QUANTITIES				URBAN CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				URBAN CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE 0005					CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE 0005				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	15	15					* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	357	357				
40600300	AGGREGATE (PRIME COAT)	TON	75	75					* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	4	4				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	57	57					* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	102	102				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1124	1124					* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2215	2215				
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4198	4198					78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2215	2215				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	37474	37474					* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	144	144				
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	10					Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	1747.6	1747.6				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					* 20070604 TRAINEEES-TRAINING PROGRAM GRADUATE		HOUR	500	500				
67100100	MOBILIZATION	L SUM	1	1													
70300520	PAVEMENT MARKING TAPE, TYPE III, 4"	FOOT	2421	2421													
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	807	807													
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	145.6	145.6													
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	26270	26270													
* SPECIALTY ITEM									* SPECIALTY ITEM								

Rev.

0042



FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED -
et:\pw\work\p1dot\pencepl\d0335178\HMA-DUPAGE-Design.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
	PLOT SCALE = 100.0000' / in.		
	PLOT DATE = 5/22/2013		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL LOCATION MAP
DUPAGE COUNTY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 R5	DUPAGE	44	4
			CONTRACT NO. 60W66	
ILLINOIS FED. AID PROJECT				

	SUMMARY - DUPAGE COUNTY ROUTES	MUNICIPALITIES	SPEED LIMIT	EXISTING ADT (YEAR)
LOC. 1	WB US 34 (PASQUINELLI DR. TO BLACKHAWK DR.)	WESTMONT, CLARENDON HILLS, DOWNERS GROVE TWP.	35 MPH	29,900 (2011)
LOC. 2	EB US 34 (W/O ADAMS RD. TO YORK RD.)	HINSDALE, DOWNERS GROVE TWP.	35 MPH	23,700 (2012)
LOC. 3	EB IL 56 (IL 53 TO GRAY AVE.)	DOWNERS GROVE, MILTON TWP.	50 MPH	33,700 (2011)
LOC. 4	EB IL 56 (WOODCREEK DR. TO ESPLANADE DR.)	DOWNERS GROVE, MILTON TWP., YORK TWP.	45 MPH	33,700 (2011)
LOC. 5	EB IL 56 (W/O FAIRFIELD AVE. TO TRANSAM PLAZA DR.)	LOMBARD, OAK BROOK, OAKBROOK TERRACE, YORK TWP.	45 MPH	43,300 (2012)
LOC. 6	EB IL 56 (IL 83 TO COMMONWEALTH LN.)	OAKBROOK TERRACE, ELMHURST, YORK TWP.	35-45 MPH	21,900 (2012)
LOC. 7	WB IL 56 (22ND ST. TO W/O FAIRFIELD AVE.)	LOMBARD, OAK BROOK, OAKBROOK TERRACE, YORK TWP.	45 MPH	43,300 (2012)
LOC. 8	IL 38 (VILLA AVE. TO ARDMORE AVE.)	VILLA PARK, OAKBROOK TERRACE, YORK TWP.	35 MPH	49,800 (2011)
LOC. 9	WB IL 38 (ARDMORE AVE. TO MEYERS RD. (LONGITUDINAL JOINTS))	LOMBARD, VILLA PARK, YORK TWP.	35 MPH	44,600 (2011)
LOC. 10	IL 38 (MEYERS RD. TO FAIRFIELD AVE.)	LOMBARD, YORK TWP.	35 MPH	41,300 (2011)
LOC. 11	WB IL 38 (MAIN ST. (LOMBARD) TO FINLEY RD. (LONGITUDINAL JOINTS))	LOMBARD, YORK TWP.	35 MPH	38,200 (2011)
LOC. 12	HIGHLAND AVE. (IL 38 TO 13TH ST.)	LOMBARD, YORK TWP.	35 MPH	13,900 (2012)
LOC. 13	IL 64 (I-355 TO EAST BRANCH OF THE DUPAGE RIVER BRIDGE)	LOMBARD, BLOOMINGDALE TWP., MILTON TWP.	45 MPH	52,500 (2012)
LOC. 14	WB US 20 (GARDEN AVE. TO GARY AVE.)	ROSELLE, BLOOMINGDALE TWP.	40 MPH	25,300 (2011)
LOC. 15	WB US 20 (GARY AVE. TO BARTELS RD.)	HANOVER PARK, BLOOMINGDALE TWP.	40 MPH	31,900 (2011)
LOC. 16	THORNDALE AVE. (PARK BLVD. TO ROHLWING RD.)	ITASCA, ADDISON TWP.	45 MPH	78,200 (2012)
LOC. 17	EB US 20 (ARLINGTON DR. TO GARY AVE.)	HANOVER PARK, BLOOMINGDALE TWP.	40 MPH	31,900 (2011)
LOC. 18	EB US 20 (GARY AVE. TO SPRINGFIELD DR.)	ROSELLE, BLOOMINGDALE, BLOOMINGDALE TWP.	40 MPH	25,300 (2011)

CONTINUED ON NEXT SHEET

FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROUTE INFORMATION				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\pencepl\d0335178\HMA-DUPAGE-Design.dgn	DUPAGE-Design.dgn	DRAWN -	REVISED -						VAR.	2013-030 RS	DUPAGE	44	5
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 60W66								
PLOT DATE = 5/22/2013		DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

	SUMMARY - DUPAGE COUNTY ROUTES	MUNICIPALITIES	SPEED LIMIT	EXISTING ADT (YEAR)
LOC. 19	IL 19 (WOOD DALE RD. TO IL 83)	WOOD DALE, BENSENVILLE, ADDISON TWP.	30-35 MPH	25,100 (2011)
LOC. 20	IL 19 (AT BLOOMINGDALE RD.)	ITASCA, ADDISON TWP.	35 MPH	14,000 (2011)
LOC. 21	WB IL 19 (WALNUT AVE. TO BAKER DR.)	ITASCA, ADDISON TWP., BLOOMINGDALE TWP.	30-40 MPH	15,500 (2011)
LOC. 22	22ND ST. (WINDSOR DR. TO I-88 FEEDER RAMP BRIDGE)	OAK BROOK, YORK TWP.	40 MPH	25,500 (2012)
LOC. 23	SPRUCE AVE. (MEDINAH ST. TO IL 19)	BENSENVILLE, ADDISON TWP.	25 MPH	2,450 (2012)
LOC. 24	MEDINAH ST. (IL 83 TO MARSHALL RD.)	BENSENVILLE, ADDISON TWP.	25 MPH	2,450 (2012)
LOC. 25	IL 83 (ALL RAMPS AT 31ST ST.)	OAK BROOK, YORK TWP.	N/A	3,450 (2012)
LOC. 26	US 34 (BELMONT RD. TO IL 59)	DOWNERS GROVE, LISLE, NAPERVILLE, NAPERVILLE TWP., LISLE TWP.	35-40 MPH	36,200 (2011)
LOC. 27	IL 56 (IL 59 TO KIRK/FARNSWORTH AVE.)	AURORA, WARRENVILLE, WINFIELD TWP., BATAVIA TWP.	50-55 MPH	16,700 (2011)
LOC. 28	IL 38 (IL 59 TO IL 53)	WEST CHICAGO, WINFIELD, WHEATON, GLEN ELLYN, WINFIELD TWP., MILTON TWP.	35-50 MPH	39,800 (2011)
LOC. 29	IL 59 (BATAVIA RD. TO IL 56)	WARRENVILLE, WINFIELD TWP.	45 MPH	32,600 (2011)
LOC. 30	GARY'S MILL RD. (IL 59 TO IL 38)	WEST CHICAGO, WINFIELD TWP.	35 MPH	3,700 (2012)
LOC. 31	IL 53 (US 34 ON AND OFF RAMPS)	LISLE, LISLE TWP.	25 MPH	1,900 (2012)
LOC. 32	IL 53 (WARRENVILLE RD. TO MAPLE AVE.)	LISLE, LISLE TWP.	35 MPH	25,800 (2012)
LOC. 33	I-55 (N. FRONTAGE RD. AT LEMONT RD. INTERSECTION)	DARIEN, DOWNERS GROVE TWP.	35 MPH	1,600 (2012)
LOC. 34	IL 56 (NAPERVILLE RD. TO IL 53)	WHEATON, MILTON TWP.	45 MPH	28,200 (2012)

	SUMMARY - DUPAGE COUNTY ROUTES	HMA 2" MILL & RESURFACE (SY)
LOC. 1	WB US 34 (PASQUINELLI DR. TO BLACKHAWK DR.)	544
LOC. 2	EB US 34 (W/O ADAMS RD. TO YORK RD.)	544
LOC. 3	EB IL 56 (IL 53 TO GRAY AVE.)	565
LOC. 4	EB IL 56 (WOODCREEK DR. TO ESPLANADE DR.)	133
LOC. 5	EB IL 56 (W/O FAIRFIELD AVE. TO TRANSAM PLAZA DR.)	3419
LOC. 6	EB IL 56 (IL 83 TO COMMONWEALTH LN.)	291
LOC. 7	WB IL 56 (22ND ST. TO W/O FAIRFIELD AVE.)	966
LOC. 8	IL 38 (VILLA AVE. TO ARDMORE AVE.)	117
LOC. 9	WB IL 38 (ARDMORE AVE. TO MEYERS RD. (LONGITUDINAL JOINTS))	132
LOC. 10	IL 38 (MEYERS RD. TO FAIRFIELD AVE.)	347
LOC. 11	WB IL 38 (MAIN ST. (LOMBARD) TO FINLEY RD. (LONGITUDINAL JOINTS))	135
LOC. 12	HIGHLAND AVE. (IL 38 TO 13TH ST.)	171
LOC. 13	IL 64 (I-355 TO EAST BRANCH OF THE DUPAGE RIVER BRIDGE)	215
LOC. 14	WB US 20 (GARDEN AVE. TO GARY AVE.)	763
LOC. 15	WB US 20 (GARY AVE. TO BARTELS RD.)	782
LOC. 16	THORNDALE AVE. (PARK BLVD. TO ROHLWING RD.)	785
LOC. 17	EB US 20 (ARLINGTON DR. TO GARY AVE.)	328
LOC. 18	EB US 20 (GARY AVE. TO SPRINGFIELD DR.)	375

	SUMMARY - DUPAGE COUNTY ROUTES	HMA 2" MILL & RESURFACE (SY)
LOC. 19	IL 19 (WOOD DALE RD. TO IL 83)	2093
LOC. 20	IL 19 (AT BLOOMINGDALE RD.)	192
LOC. 21	WB IL 19 (WALNUT AVE. TO BAKER DR.)	1390
LOC. 22	22ND ST. (WINDSOR DR. TO I-88 FEEDER RAMP BRIDGE)	1553
LOC. 23	SPRUCE AVE. (MEDINAH ST. TO IL 19)	107
LOC. 24	MEDINAH ST. (IL 83 TO MARSHALL RD.)	175
LOC. 25	IL 83 (ALL RAMPS AT 31ST ST.)	289
LOC. 26	US 34 (BELMONT RD. TO IL 59)	8836
LOC. 27	IL 56 (IL 59 TO KIRK/FARNSWORTH AVE.)	555
LOC. 28	IL 38 (IL 59 TO IL 53)	4013
LOC. 29	IL 59 (BATAVIA RD. TO IL 56)	136
LOC. 30	GARY'S MILL RD. (IL 59 TO IL 38)	667
LOC. 31	IL 53 (US 34 ON AND OFF RAMPS)	426
LOC. 32	IL 53 (WARRENVILLE RD. TO MAPLE AVE.)	2492
LOC. 33	I-55 (N. FRONTAGE RD. AT LEMONT RD. INTERSECTION)	729
LOC. 34	IL 56 (NAPERVILLE RD. TO IL 53)	3209
DUPAGE COUNTY TOTAL =		37474
		SY

ROUTE: EB IL 56 (IL 53 to Gray Ave.)							
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)
IL 53		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	15	180	20
		EB	1	12	8	96	11
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	2	12	8	96	11
		EB	2	12	8	96	11
		EB	2	12	10	120	13
		EB	2	12	10	120	13
		EB	2	12	10	120	13
		EB	2	12	6	72	8
		EB	1&2	3	50	150	17
		EB	1&2	3	50	150	17
		EB	1&2	3	50	150	17
		EB	1&2	3	100	300	33
		EB	3	12	6	72	8
		EB	3	12	6	72	8
		EB	3	12	25	300	33
		EB	2&3	12	200	2400	267
	Gray Ave	EB	2&3	3	100	300	33
TOTALS:						686	565
						FT	SY

ROUTE: EB IL 56 (W/O Fairfield Ave. to Trans Am Plaza Dr.)							
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/O Fairfield Ave		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8

ROUTE: EB IL 56 (Woodcreek Dr. to Esplanade Dr.)							
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)
Woodcreek Dr	Esplanade Dr	EB	1&2	3	400	1200	133
TOTALS:						400	133
						FT	SY

CONTINUED ON NEXT SHEET

FILE NAME = c:\pwork\pwork\pencepl\d0335178\HMA-DUPAGE-Design.dgn	USER NAME = PencePL	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERMITTENT RESURFACING SCHEDULE IL 56			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1".	CHECKED -	REVISED -					VAR.	2013-030 R5	DUPAGE	44	9
	PLOT DATE = 5/22/2013	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	CONTRACT NO. 60W66			
							ILLINOIS FED. AID PROJECT					

ROUTE: IL 38 (Villa Ave. to Ardmore Ave.)							
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)
Villa Ave		EB	1&2	3	200	600	67
	Ardmore Ave	EB	1&2	3	150	450	50
TOTALS:					350		117
					FT		SY

ROUTE: IL 38 (Meyers Rd. to Fairfield Ave.)							
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)
Meyers Rd		WB	1&2	3	20	60	7
		WB	1&2	3	30	90	10
		WB	1&2	3	20	60	7
		WB	1&2	3	20	60	7
		WB	1&2	3	30	90	10
		WB	1&2	3	70	210	23
		WB	1&2	3	50	150	17
		WB	1&2	3	30	90	10
		WB	1&2	3	40	120	13
		WB	1&2	3	40	120	13
		WB	1&2	3	50	150	17
		EB	1&2	3	50	150	17
		EB	1&2	3	40	120	13
		EB	1&2	3	400	1200	133
		EB	1&2	3	50	150	17
	Fairfield Ave	EB	1&2	3	100	300	33
TOTALS:					1040		347
					FT		SY

ROUTE: WB IL 38 (Ardmore Ave. to Meyers Rd. (Longitudinal Joints))							
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)
Ardmore Ave		WB	1&2	3	30	90	10
		WB	1&2	3	30	90	10
		WB	1&2	3	100	300	33
		WB	1&2	3	50	150	17
		WB	1&2	3	100	300	33
		WB	1&2	3	50	150	17
	Meyers Rd	EB	1&2	3	35	105	12
TOTALS:					395		132
					FT		SY

ROUTE: WB IL 38 (Main St. (Lombard) to Finley Rd. (Longitudinal Joints))							
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)
Main St.		WB	1&2	3	20	60	7
		WB	1&2	3	30	90	10
		WB	1&2	3	40	120	13
		WB	1&2	3	30	90	10
		WB	1&2	3	100	300	33
		WB	1&2	3	100	300	33
		WB	1&2	3	30	90	10
		WB	1&2	3	30	90	10
	Finley Rd	WB	1&2	3	25	75	8
TOTALS:					405		135
					FT		SY

ROUTE: Highland Ave. (IL 38 to 13th St.)							
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)
IL 38(Roosevelt Rd)		SB	1	6	12	72	8
		SB	1	6	12	72	8
		SB	1	6	12	72	8
		SB	1	6	12	72	8
		SB	2	6	12	72	8
		SB	2	6	12	72	8
		SB	2	6	12	72	8
	13th St.	SB	1	6	12	72	8
IL 38(Roosevelt Rd)		NB	1	10	12	120	13
		NB	2	10	12	120	13
		NB	1	6	12	72	8
		NB	1	6	12	72	8
		NB	1	6	12	72	8
		NB	2	6	12	72	8
		NB	2	6	12	72	8
		NB	2	6	12	72	8
	13th St.	NB	2	6	12	72	8
		NB	2	6	12	72	8
TOTALS:					240	171	
					FT	SY	

ROUTE: WB US 20 (Garden Ave. to Gary Ave.)							
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)
Garden Ave.		WB	2	3	70	210	23
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	2	3	140	420	47
		WB	2	6	70	420	47
		WB	2	3	75	225	25
	Rodenburg Rd.	WB	1,2	3	70	210	23
Rodenburg Rd.		WB	1,2	3	100	300	33
		WB	2	12	4	48	5
		WB	1,2	4	40	160	18
		WB	2	12	3	36	4
		WB	2	12	4	48	5
		WB	2	6	60	360	40
		WB	1	12	4	48	5
		WB	2	16	4	64	7
		WB	1	12	3	36	4
		WB	2	14	3	42	5
		WB	2	6	20	120	13
		WB	2	3	90	270	30
		WB	2	12	20	240	27
		WB	2	12	20	240	27
		WB	2	12	40	480	53
		WB	1	12	4	48	5
		WB	2	12	4	48	5
		WB	2	14	6	84	9
	Bryn Mawr Ave.	WB	RT	12	3	36	4
Bryn Mawr Ave.		WB	2	14	4	56	6
		WB	1,2	3	230	690	77
		WB	2	3	40	120	13
		WB	1,2	3	80	240	27
		WB	2,RT	3	80	240	27
		WB	2	12	4	48	5
		WB	1,2	3	50	150	17
		WB	2	3	35	105	12
	Colby Commerce Dr.	WB	1,2	3	15	45	5
Colby Commerce Dr.		WB	2	12	3	36	4
		WB	2	3	160	480	53
		WB	2,RT	3	50	150	17
	Gary Ave.	WB	1	12	20	240	27
TOTALS:					1634	763	
					FT	SY	

ROUTE: IL 64 (I-355 to East Branch of DuPage River Bridge)							
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		EB	1	8	30	240	27
		EB	1	8	40	320	36
		EB	2	8	50	400	44
		EB	2	8	50	400	44
		WB	1	4	48	192	21
		WB	2	4	60	240	27
	E. Branch of Dupage River Bridge	WB	1	6	24	144	16
TOTALS:					302	215	
					FT	SY	

NOTE:
 CONTRACT NO. 60T80 MAY IMPACT
 INTERMITTENT RESURFACING NEAR
 I-355

ROUTE:		WB US 20 (Gary Ave. to Bartels 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)
Gary Ave.		WB	1	12	6	72	8
		WB	1	12	4	48	5
		WB	1	12	3	36	4
		WB	1,2	3	25	75	8
		WB	1	12	4	48	5
		WB	1,2	3	35	105	12
		WB	1	12	4	48	5
		WB	2	12	6	72	8
		WB	2	3	60	180	20
		WB	1	12	4	48	5
		WB	2	12	6	72	8
		WB	2	12	8	96	11
		WB	1	12	8	96	11
		WB	2	12	8	96	11
		WB	1	12	8	96	11
		WB	2	6	4	24	3
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	1,2	3	45	135	15
		WB	1	12	4	48	5
		WB	2	12	3	36	4
		WB	2	3	30	90	10
		WB	2	16	6	96	11
		WB	2	12	10	120	13
		WB	1	12	4	48	5
		WB	2	12	4	48	5
	Turnberry Dr.	WB	2	12	6	72	8
Turnberry Dr.		WB	1,2	3	60	180	20
		WB	1	12	8	96	11
		WB	2	12	3	36	4
		WB	2	3	35	105	12
		WB	2	3	65	195	22
		WB	2	12	4	48	5
		WB	2	12	15	180	20
		WB	2	4	45	180	20
		WB	2	12	25	300	33

ROUTE:		WB US 20 (Gary Ave. to Bartels Rd.)						(Continued)	
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)		
		WB	2	12	16	192	21		
		WB	1	12	4	48	5		
		WB	2	12	4	48	5		
		WB	2	4	50	200	22		
		WB	2	3	50	150	17		
		WB	2	12	6	72	8		
		WB	1	12	6	72	8		
		WB	2	12	6	72	8		
		WB	1	12	6	72	8		
		WB	2	12	6	72	8		
		WB	2	13	10	130	14		
		WB	2	14	8	112	12		
	Bartels Rd.	WB	2	3	65	195	22		
Bartels Rd.		WB	1	12	12	144	16		
		WB	2	5	5	25	3		
		WB	2	6	15	90	10		
		WB	1	13	3	39	4		
		WB	2	12	4	48	5		
		WB	1	12	12	144	16		
		WB	1,2	3	10	30	3		
		WB	2	12	3	36	4		
		WB	1,2	3	40	120	13		
		WB	2	12	40	480	53		
		WB	2	12	22	264	29		
		WB	1,2	3	20	60	7		
		WB	1,2	3	55	165	18		
		WB	2	12	15	180	20		
		WB	2	12	10	120	13		
		WB	2	6	30	180	20		
		WB	1	12	3	36	4		
	920' W of Bartels Rd.	WB	2	12	6	72	8		
		TOTALS:				645	1119	782	
						FT	FT	SY	

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)
Park Blvd		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	3	36	108	12
		WB	2	3	36	108	12
		WB	2	3	36	108	12
		WB	2	3	300	900	100
		WB	2	3	200	600	67
		WB	2	12	20	240	27
		WB	2	3	100	300	34
		WB	2	3	25	75	9
		WB	2	3	36	108	12
		WB	2	6	3	18	2
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	10	120	14
		WB	3	12	3	36	4
		WB	3	12	20	240	27
Park Blvd	Rohlwing Rd	WB	3	6	3	18	2
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	1	10	3	36	4
		EB	1	12	3	36	4
		EB	1	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	10	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	9	3	27	3
		EB	2	10	3	30	4
		EB	2	12	3	36	4
		EB	2	3	36	108	12
		EB	2	12	20	240	27

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)
		EB	2	12	10	120	14
		EB	2	12	3	36	4
		EB	2	3	30	90	10
		EB	2	3	40	120	14
		EB	2	12	6	72	8
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	3	36	108	12
		EB	2	12	3	36	4
		EB	2	12	3	36	4
		EB	2	3	32	96	11
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	12	3	36	9
		EB	3	10	3	30	4
		EB	3	3	30	90	10
		EB	3	12	20	240	27
		EB	3	12	10	120	14
	Rohlwing Rd	EB	3	3	32	96	11
		TOTALS:				1274	785
						FT	SY

ROUTE: EB US 20 (Arlington Dr. to Gary Ave.)							
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)
BJ 920' W of Arlington Dr.		EB	1	12	3	36	4
		EB	2	12	3	36	4
		EB	1,2	3	20	60	7
		EB	1	12	8	96	11
		EB	1,2	3	40	120	13
		EB	2	12	6	72	8
		EB	LT,1	16	12	192	21
		EB	LT	12	10	120	13
		EB	2,RT	3	35	105	12
		EB	2	3	35	105	12
	Arlington Dr.	EB	2	12	3	36	4
Arlington Dr.		EB	2	12	6	72	8
		EB	2	12	4	48	5
		EB	1	12	4	48	5
		EB	2	12	4	48	5
		EB	2	3	10	30	3
		EB	2	3	25	75	8
		EB	2	3	35	105	12
		EB	2	12	4	48	5
		EB	2	6	25	150	17
	Cloverdale Rd.	EB	2	3	25	75	8
Cloverdale Rd.		EB	2	3	55	165	18
		EB	2	3	10	30	3
		EB	2	12	3	36	4
		EB	2	3	15	45	5
		EB	2	12	10	120	13
		EB	1	12	6	72	8
		EB	2	12	6	72	8
	Thorn Rd.	EB	2	3	40	120	13
Thorn Rd.		EB	1	12	4	48	5
		EB	LT	12	4	48	5
		EB	2,RT	3	25	75	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
	Gary Ave.	EB	2	3	100	300	33
				TOTALS:		607	328
						FT	SY

ROUTE: EB US 20 (Gary Ave. to Springfield Dr.)							
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)
Gary Ave.		EB	1	12	4	48	5
	Virginia Rd.	EB	2	12	4	48	5
Virginia Rd.		EB	Shldr	9	9	81	9
		EB	1	12	8	96	11
		EB	2	12	4	48	5
		EB	1	12	4	48	5
	Keeney Rd.	EB	2	12	4	48	5
Keeney Rd.		EB	2	12	3	36	4
		EB	2	12	3	36	4
	Bryn Mawr Ave.	EB	2	12	3	36	4
Bryn Mawr Ave.		EB	2	12	3	36	4
	Papworth St.	EB	2	12	4	48	5
Papworth St.		EB	1	12	3	36	4
	Wheaton Rd.	EB	1	12	3	36	4
Wheaton Rd.		EB	1	12	5	60	7
	Rodenburg Rd.	EB	1,2	3	110	330	37
Rodenburg Rd.		EB	1	3	20	60	7
		EB	1	3	20	60	7
		EB	1,2	3	70	210	23
	Garden Ave.	EB	1,2	3	30	90	10
Garden Ave.		EB	2	12	4	48	5
		EB	1	12	3	36	4
		EB	2	12	3	36	4
		EB	2	12	3	36	4
	Springfield Dr.	EB	2	3	145	435	48
Springfield Dr.		EB	LT,1	18	4	72	8
		EB	2	12	4	48	5
		EB	LT	12	4	48	5
		EB	1	12	4	48	5
		EB	2	12	4	48	5
		EB	2	4	240	960	107
		EB	1	12	3	36	4
	BJ 690' E of Springfield Dr.	EB	2	12	3	36	4
				TOTALS:		738	375
						FT	SY

ROUTE: IL 19 (at Bloomingdale 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)
IL 19 (Irving Park Rd)		NB	1	12	6	72	8
		EB	1	10	20	200	23
		EB	1	12	10	120	14
		EB	2	12	10	120	14
		EB	2	3	150	450	50
		EB	2	3	12	36	4
		WB	1	6	15	90	10
		WB	1	3	12	36	4
		WB	1	3	12	36	4
		WB	1	3	12	36	4
		WB	1	5	13	65	8
		WB	1	3	75	225	25
		WB	1	3	12	36	4
		WB	1	3	12	36	4
		WB	1	3	12	36	4
		WB	2	3	12	36	4
		WB	2	3	12	36	4
	at Bloomingdale Rd	WB	2	3	12	36	4
				TOTALS:		419	192
						FT	SY

ROUTE: WB IL 19 (Walnut Ave. to Baker Dr.)							
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)
Walnut Ave		WB	1	12	3	36	4
		WB	1	3	150	450	50
		WB	1	3	80	240	27
		WB	1	3	50	150	17
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	160	1920	214
		WB	1	3	65	195	22
		WB	1	4	3	12	2
		WB	1	3	30	90	10
		WB	1	3	65	195	22
		WB	1	12	6	72	8
		WB	1	3	200	600	67
		WB	1	3	55	165	19
		WB	1	12	30	360	40
		WB	1	12	30	360	40

ROUTE: WB IL 19 (Walnut Ave. to Baker Dr.) (Continued)							
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)
		WB	1	3	8	24	3
		WB	1	12	15	180	20
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	12	144	16
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	3	36	4
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	24	288	32
		WB	1	3	60	180	20
		WB	1	3	50	150	17
		WB	1	3	35	105	12
		WB	1	3	80	240	27
		WB	1	3	100	300	34
		WB	1	3	40	120	14
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	24	288	32
		WB	2	12	3	36	4
		WB	2	12	12	144	16
		WB	2	12	25	300	34
		WB	2	12	3	36	4
		WB	2	12	3	36	4
		WB	2	12	16	192	22
		WB	2	12	24	288	32
		WB	2	3	24	72	8
		WB	2	3	24	72	8
		WB	2	3	100	300	34
		WB	2	12	50	600	67
		WB	2	3	24	72	8
	Baker Dr	WB	2	12	60	720	80
		WB	2	12	30	360	40
		WB	2	12	30	360	40
		WB	2	12	24	288	32
		WB	2	3	40	120	14
		WB	2	12	50	600	67
		WB	2	3	12	36	4
		WB	2	12	20	240	27
				TOTALS:		2006	1390
						FT	SY

ROUTE: US 34 (Belmont Rd. to IL 59)				(Continued)			
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)
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8

ROUTE: US 34 (Belmont Rd. to IL 59)				(Continued)			
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)
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	6	100	600	67
		WB	2	6	50	300	33
		WB	2	6	50	300	33
		WB	2	6	50	300	33
Yackley Ave	Yackley Ave	WB	2	6	50	300	33
		WB	1	6	50	300	33
		WB	1	6	50	300	33
		WB	1	3	250	750	83
		WB	1	3	100	300	33
		WB	1	3	200	600	67
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8

CONTINUED ON NEXT SHEET

FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERMITTENT RESURFACING SCHEDULE US 34	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\pencepl\d0335178\HMA-2013-030 R5	PAGE-Design.dgn	DRAWN -	REVISED -			VAR.	2013-030 R5	DUPAGE	44	26
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 60W66				
PLOT DATE = 5/22/2013	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET OF SHEETS		STA.	TO STA.	

ROUTE: IL 38 (IL 59 to IL 53)		(Continued)					
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)
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	20	240	27
		WB	2	12	10	120	13
		WB	2	6	200	1200	133
		WB	2	6	20	120	13
		WB	2	6	15	90	10
	IL 53	WB	2	6	200	1200	133
		TOTALS:				4827	4013
						FT	SY

ROUTE: Gary's Mill Rd. (IL 59 to IL 38)							
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)
IL 59		WB	1	6	100	600	67
		WB	1	12	50	600	67
		WB	1	6	30	180	20
		EB	1	12	50	600	67
		EB	1	6	450	2700	300
		EB	1	6	100	600	67
		EB	1	12	20	240	27
	IL 38(Roosevelt Rd.)	EB	1	6	80	480	53
		TOTALS:				880	667
						FT	SY

ROUTE: IL 59 (Batavia Rd. to IL 56)							
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)
Batavia Rd		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	8	96	11
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
		NB	2	12	6	72	8
	IL 56	NB	2	6	20	120	13
		TOTALS:				112	136
						FT	SY

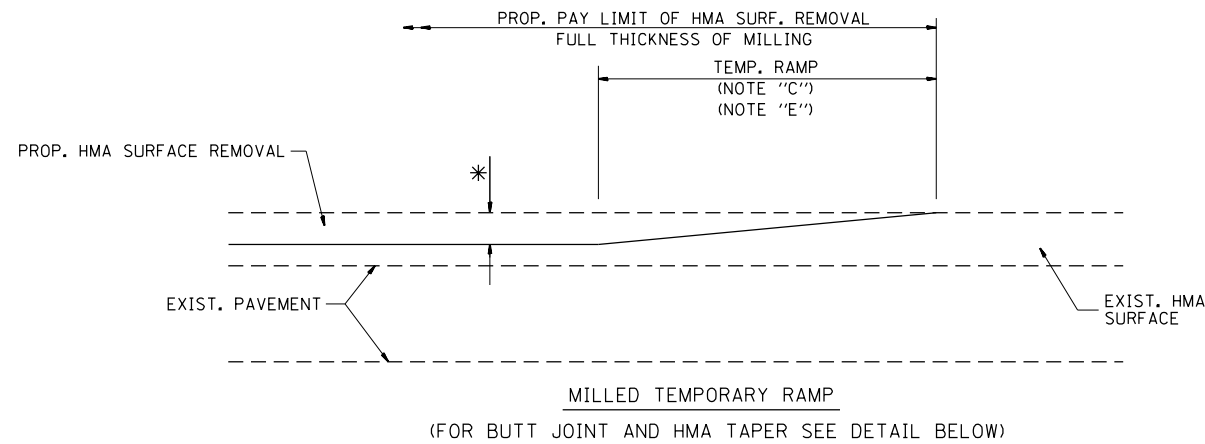
ROUTE: IL 53 (US 34 On and Off Ramps)							
CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
US 34 On Ramp		EB	1&2	3	100	300	33
		EB	1	6	200	1200	133
		WB	1	16	30	480	53
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1&2	3	200	600	67
		WB	1	16	30	480	53
		WB	1	16	20	320	36
	US 34 Off Ramp	WB	1	16	15	240	27
		TOTALS:				613	426
						FT	SY

ROUTE: I-55 (N. Frontage Rd. at Lemont Rd. Intersection)							
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. Frontage Rd		SB	1	15	40	600	67
		SB	1	12	30	360	40
		SB	1	12	15	180	20
		SB	1&2	3	100	300	33
		SB	1	6	20	120	13
		SB	1	6	50	300	33
		SB	1	12	100	1200	133
		SB	1	12	100	1200	133
		SB	1	12	50	600	67
		SB	1	12	50	600	67
		SB	1	12	80	960	107
		SB	1	12	6	72	8
	@ Lemont Rd Intersection	SB	1	12	6	72	8
TOTALS:					647		729
					FT		SY

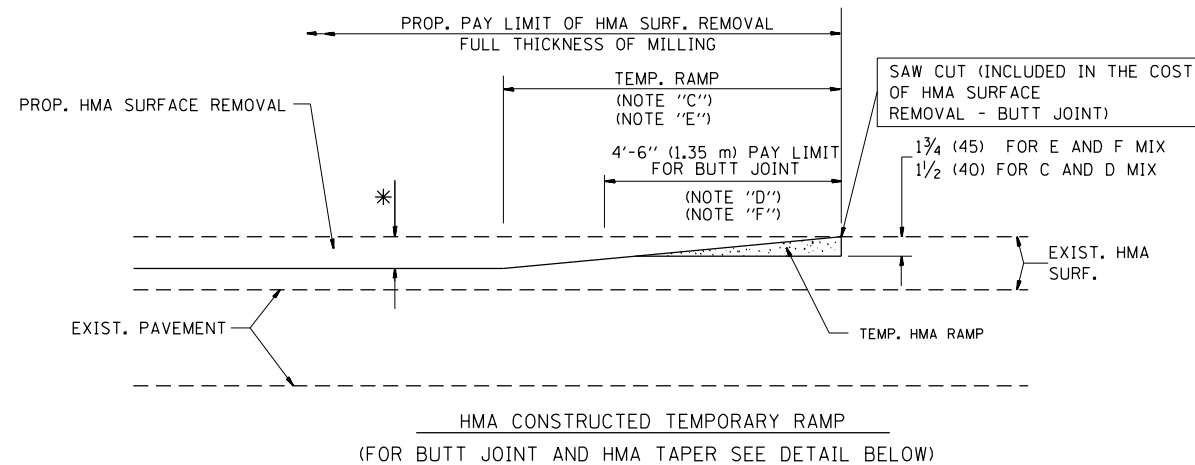
ROUTE: IL 56 (Naperville Rd. to IL 53)							
CROSS STREET		DIRECTION	LANE	PAVEMENT	PAVEMENT	REPAIR	REPAIR
FROM	TO	(EB/WB)	NO.	PATCH	PATCH	AREA	AREA
		(NB/SB)	(1, 2, 3)	WIDTH	LENGTH	(SQ FT)	(SQ YD)
Naperville Rd		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	6	72	8
		WB	1	12	20	240	27
		WB	1	12	25	300	33

ROUTE: IL 56 (Naperville Rd. to IL 53) (Continued)							
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)
		WB	1	12	10	120	13
		WB	1	12	10	120	13
		WB	1	12	20	240	27
		WB	1	12	20	240	27
		WB	1&2	3	300	900	100
		WB	1	12	8	96	11
		WB	1	12	20	240	27
		WB	1	12	15	180	20
		WB	1	12	15	180	20
		WB	1	12	20	240	27
	IL 53	WB	1	12	8	96	11
Naperville Rd		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	6	72	8
		WB	2	12	10	120	13
		WB	2	12	30	360	40
		WB	2	12	20	240	27
		WB	2	12	20	240	27
		WB	2	12	15	180	20
		WB	2	12	25	300	33
		WB	2	12	8	96	11
		WB	1	12	6	72	8
		WB	1&2	3	200	600	67
		WB	1&2	3	150	450	50
		WB	1&2	3	50	150	17
		WB	1&2	3	50	150	17
		WB	1&2	3	50	150	17

CONTINUED ON NEXT SHEET

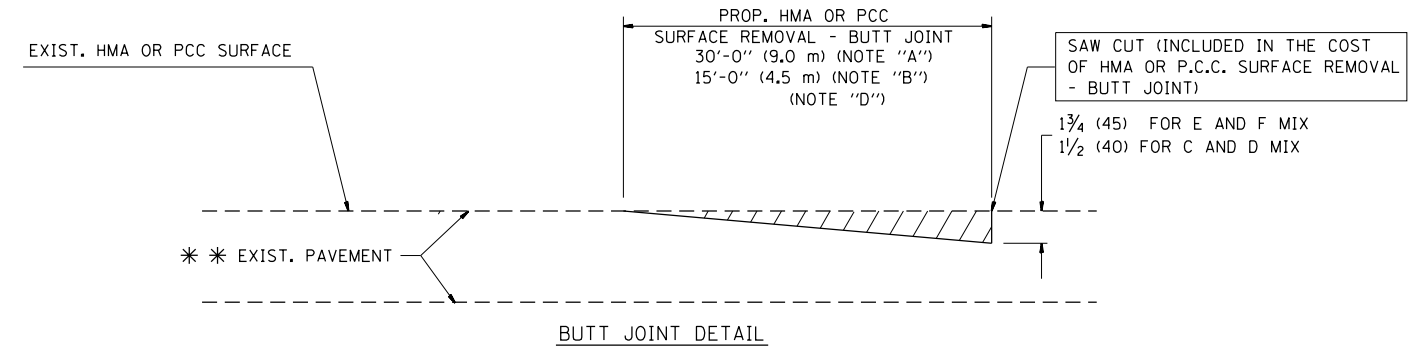


OPTION 1

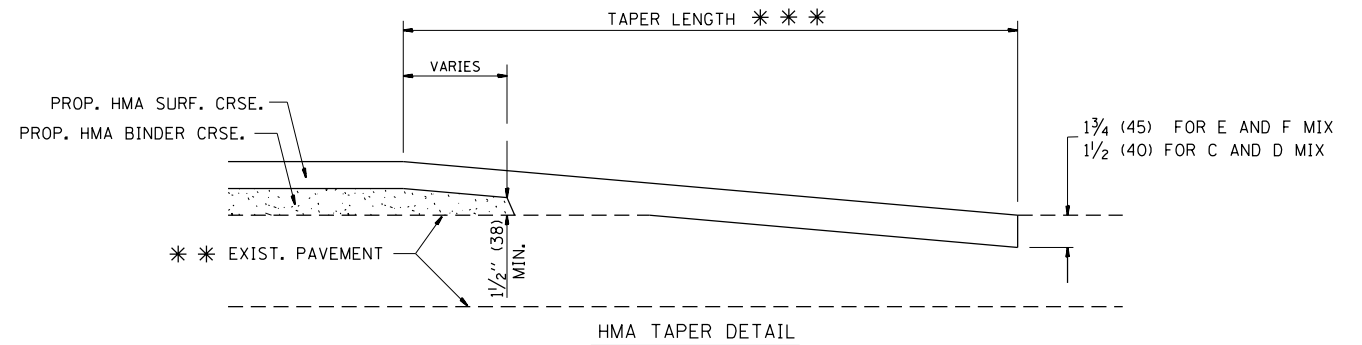


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

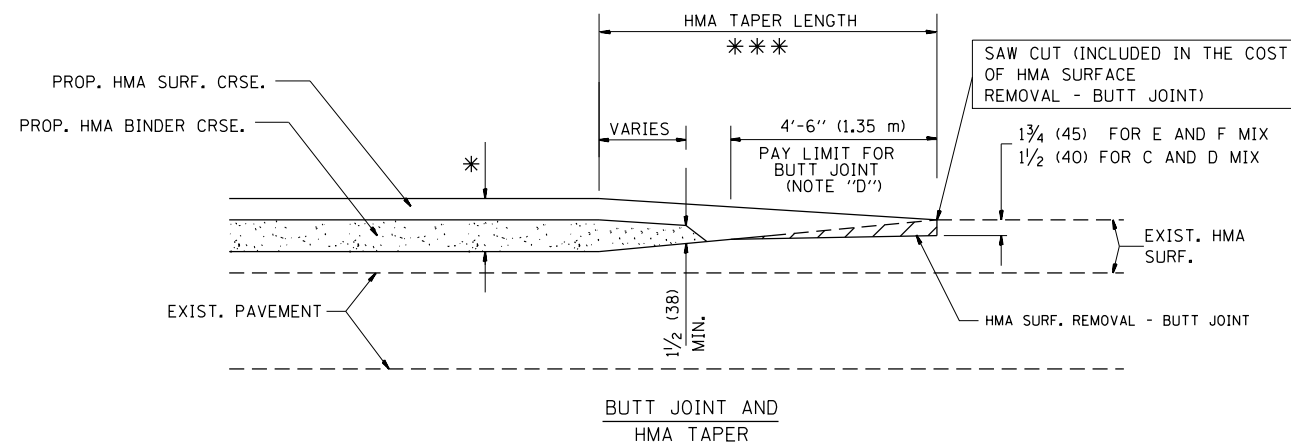
NOTES

- 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.
- *** 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".

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



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

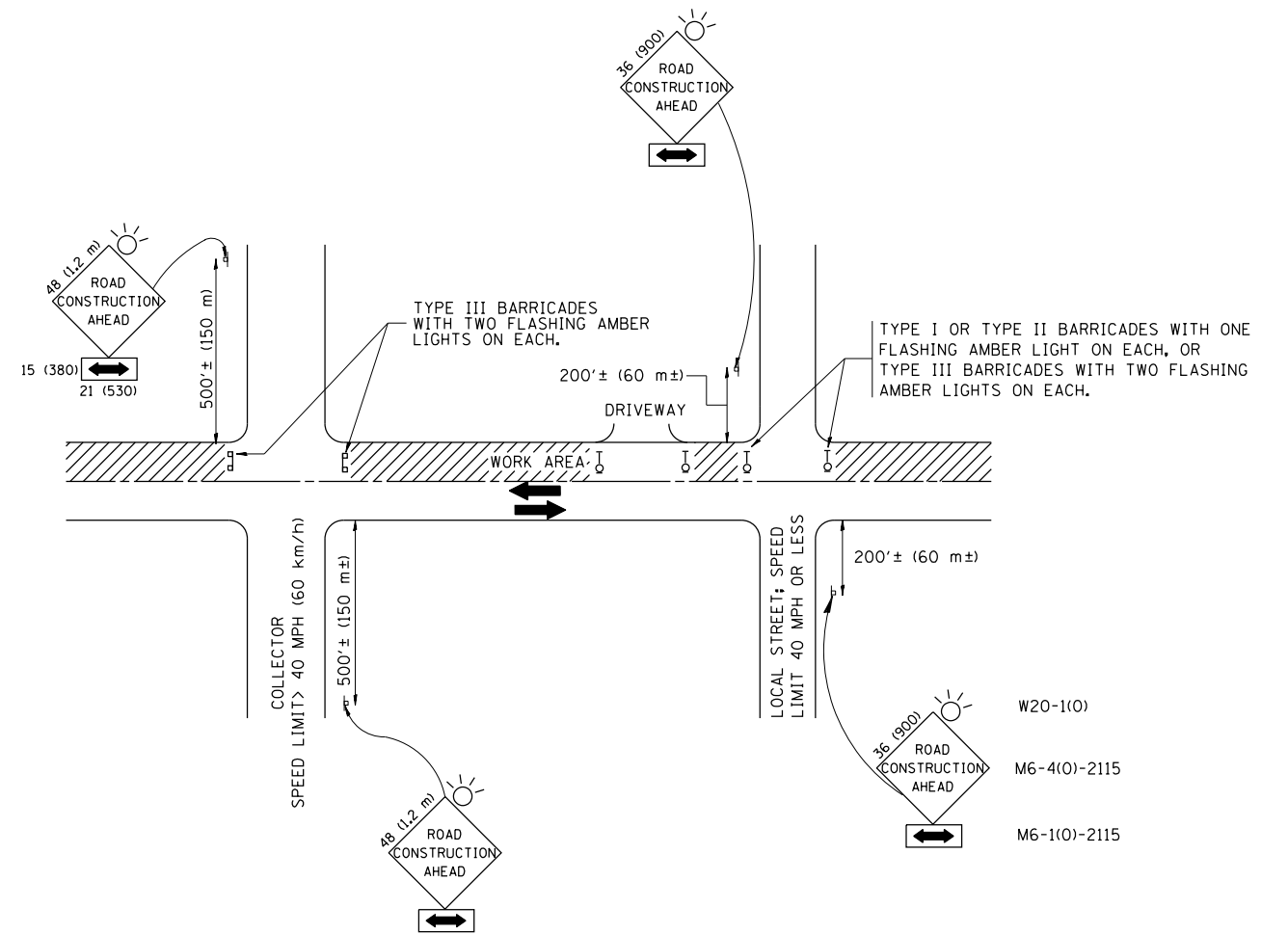
FILE NAME =	USER NAME = PencePL	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
et:\pw\work\p\dot\pencepl\d0335178\60W66-DistStd.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 5/22/2013	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 RS	DUPAGE	44	36
BD400-05 BD32		CONTRACT NO. 60W66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

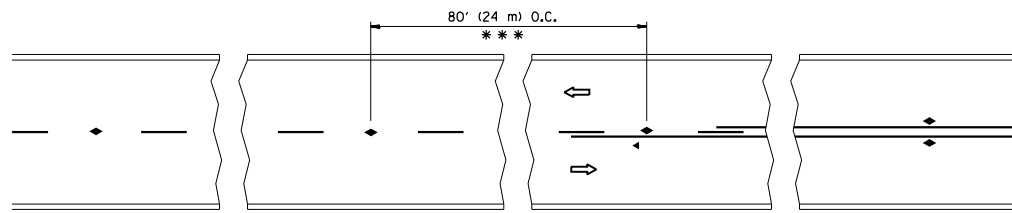
FILE NAME =	USER NAME = PencePL	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
et:\pwork\pwork\pencepl\d0335178\60w66-DistStd.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 5/22/2013	DATE - 06-89	REVISED - T. RAMMACH 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

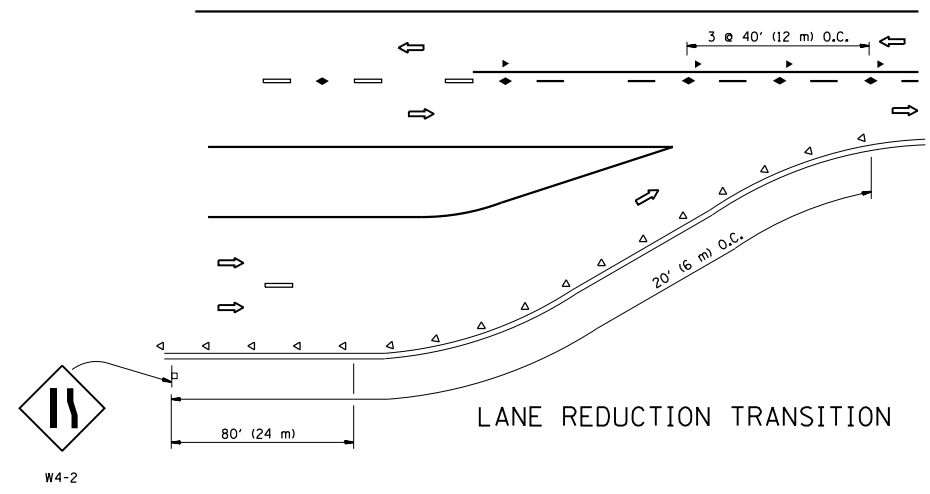
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 RS	DUPAGE	44	37
TC-10			CONTRACT NO. 60W66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

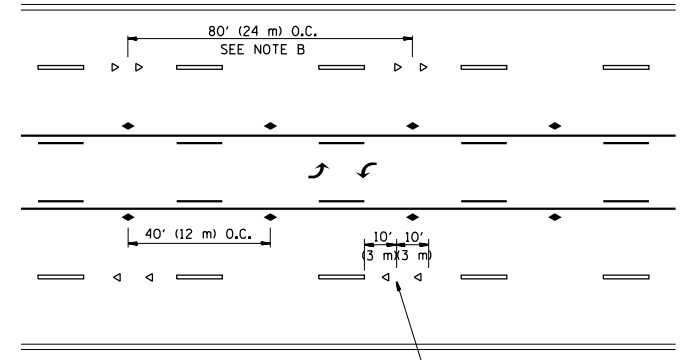


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

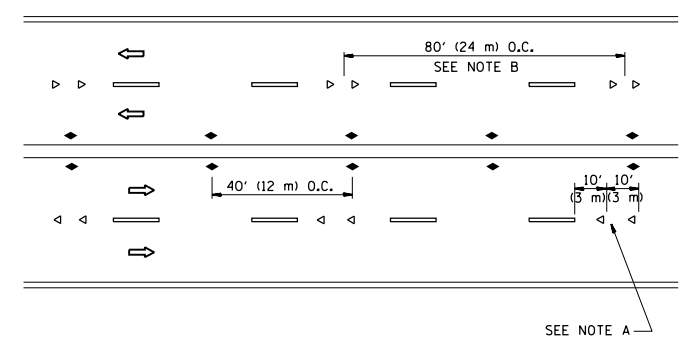
TWO-LANE/TWO-WAY



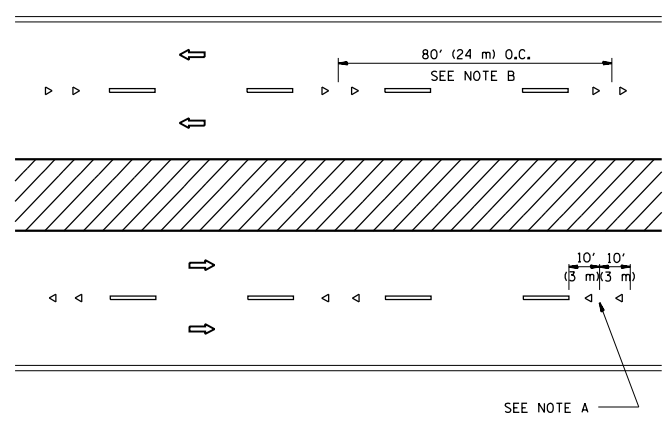
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

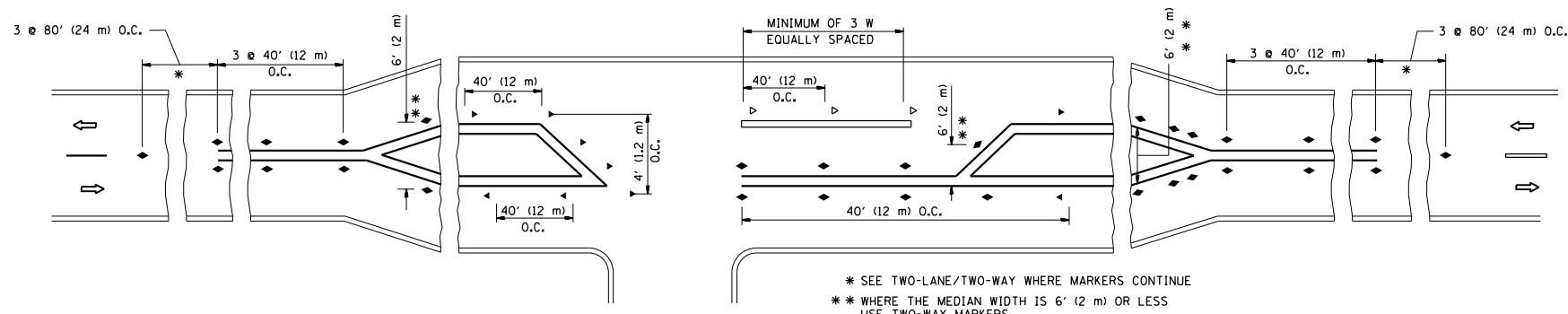
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

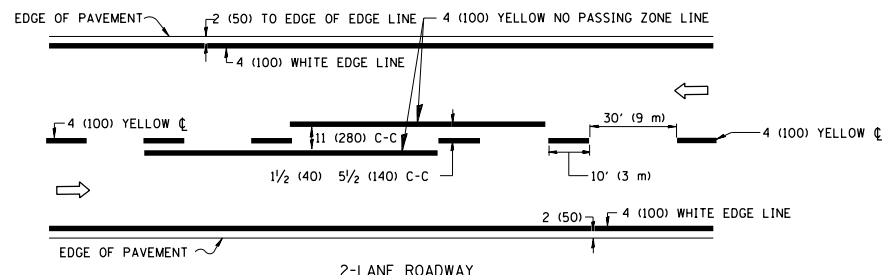
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
et:\pw\work\pwidot\pencepl\d0335178\60w66-DistStd.dgn		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 5/22/2013	DATE -	REVISED - C. JUCIUS 09-09-09

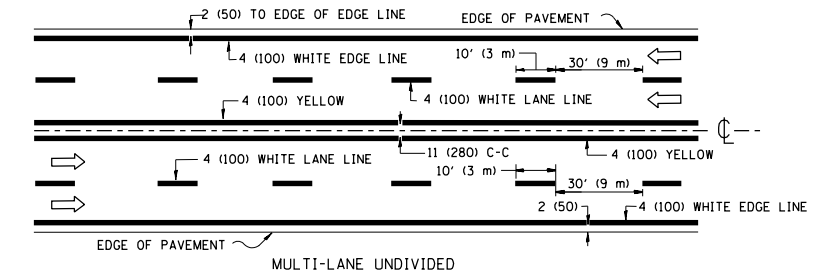
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

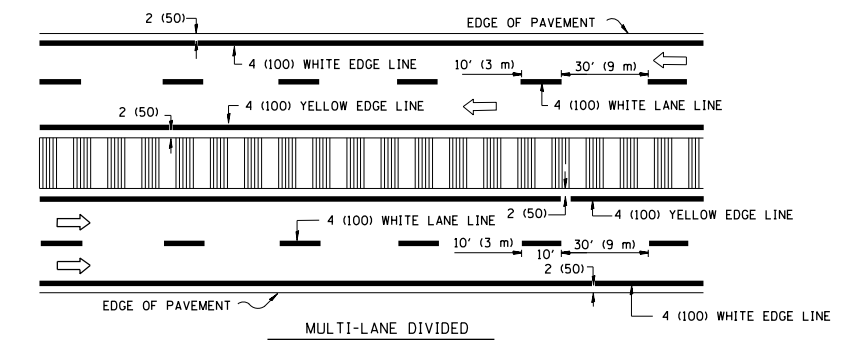
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 RS	DUPAGE	44	38
TC-11		CONTRACT NO. 60W66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY



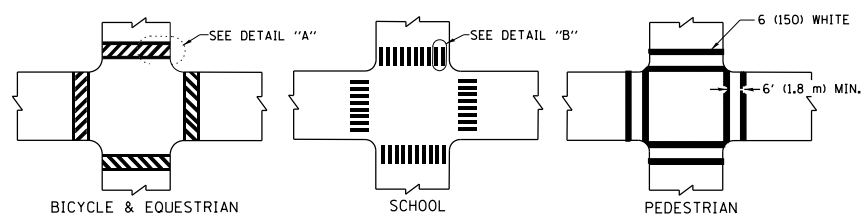
MULTI-LANE UNDIVIDED



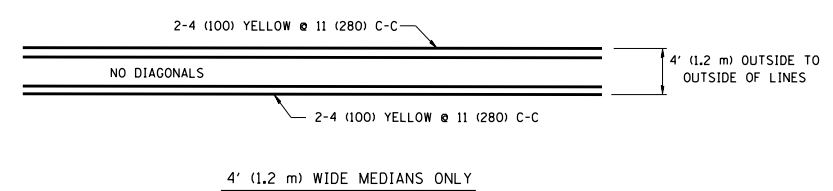
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

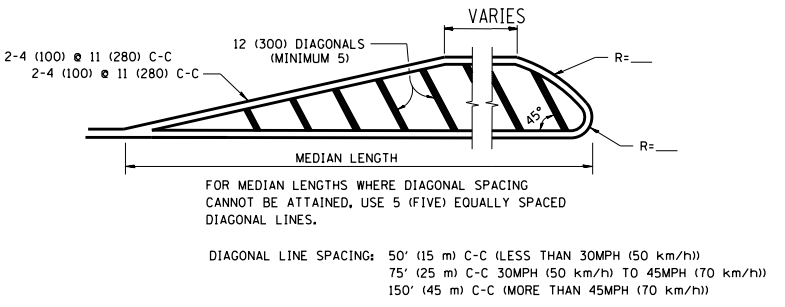
TYPICAL LANE AND EDGE LINE MARKING



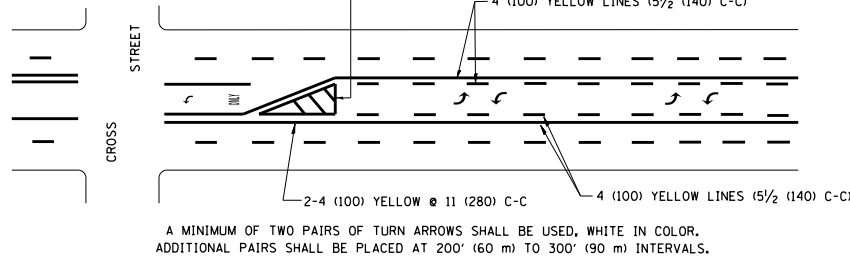
TYPICAL CROSSWALK MARKING



4' (1.2 m) WIDE MEDIANS ONLY

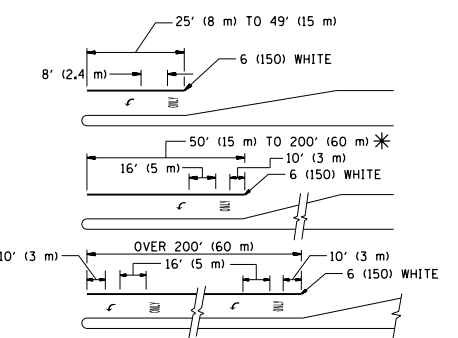


MEDIANS OVER 4' (1.2 m) WIDE



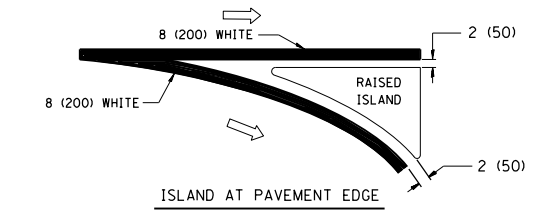
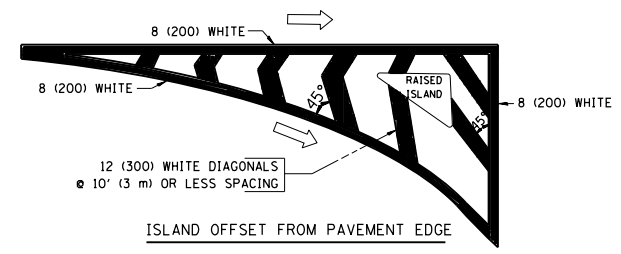
TYPICAL PAINTED MEDIAN MARKING

MEDIAN WITH TWO-WAY LEFT TURN LANE



TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE. SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

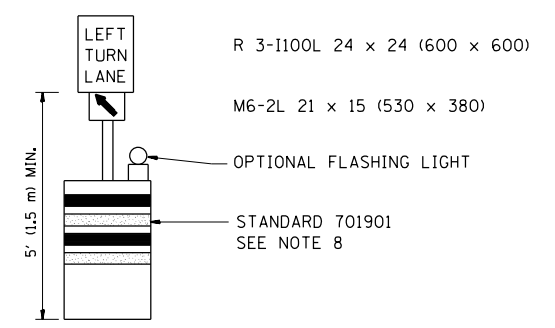
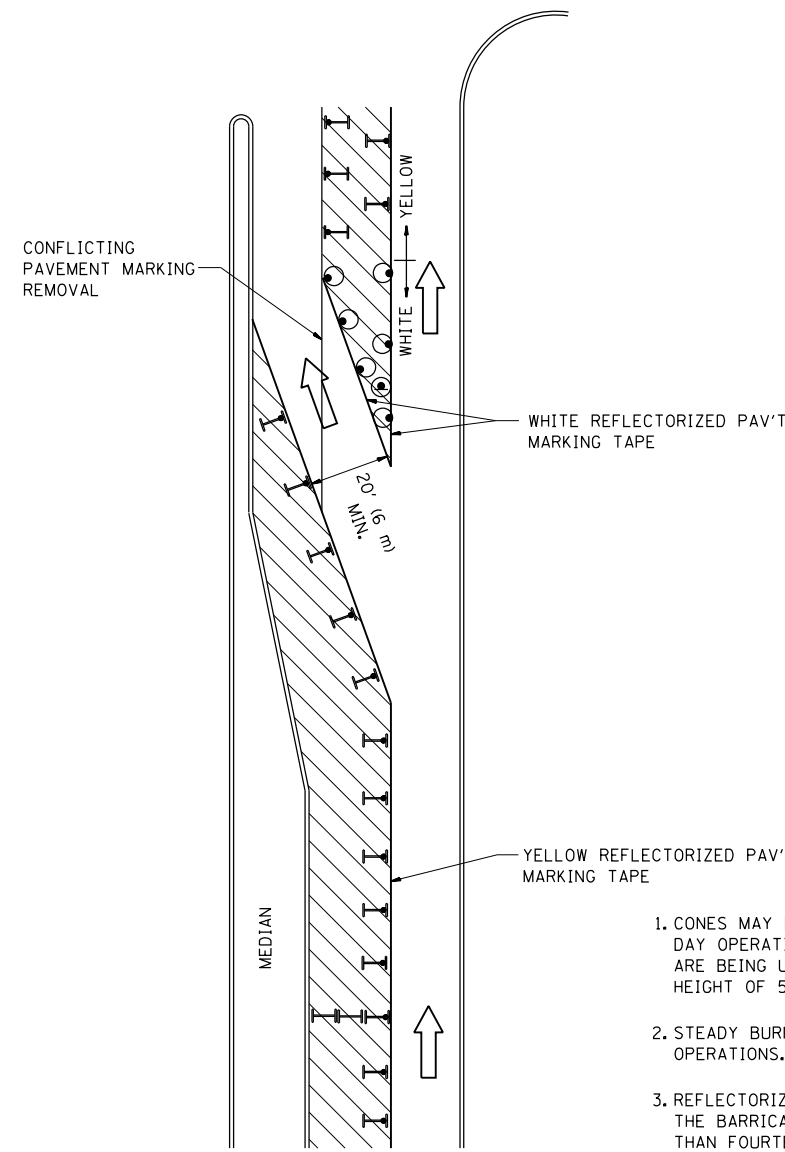
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = PencePL	DESIGNED - EVERS	REVISED -T, RAMMACHER 10-27-94
et:\pw_work\p1dot\pencepl\d0335178\60W66-DistStd.dgn		DRAWN -	REVISED -C, JUCIUS 09-09-09
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/22/2013	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 RS	DUPAGE	44	39
TC-13		CONTRACT NO. 60W66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				









GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

LEGEND

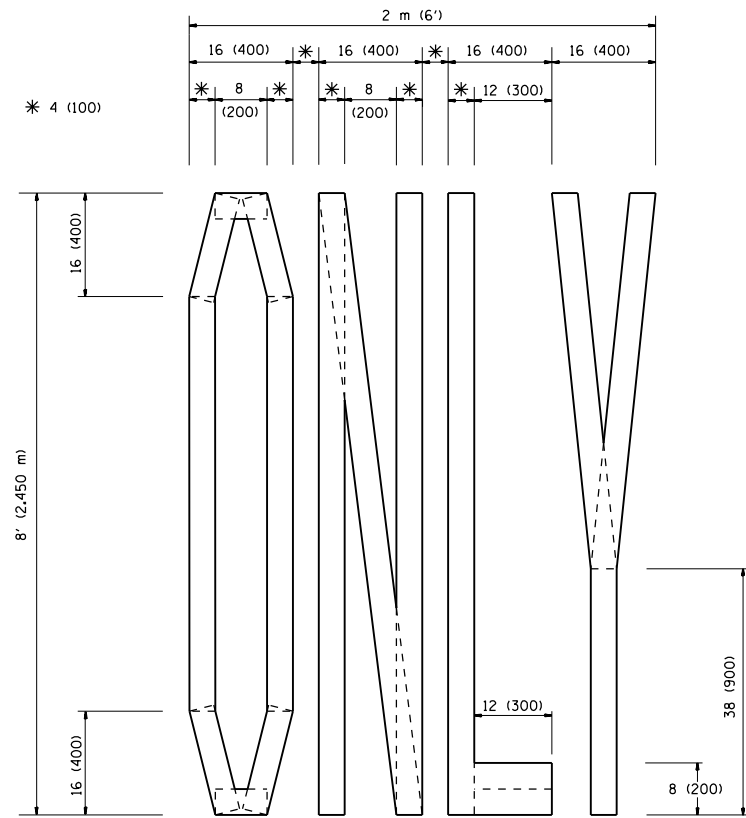
-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

FILE NAME =	USER NAME = PencePL	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
et:\pw\work\p\dot\pencepl\d0335178\60W66-DistStd.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
	PLOT SCALE = 100.0000' / 1in.	REVISED - A. HOUSEH 10-12-96	REVISED -
	PLOT DATE = 5/22/2013	REVISED -T. RAMMACHER 01-06-00	REVISED -

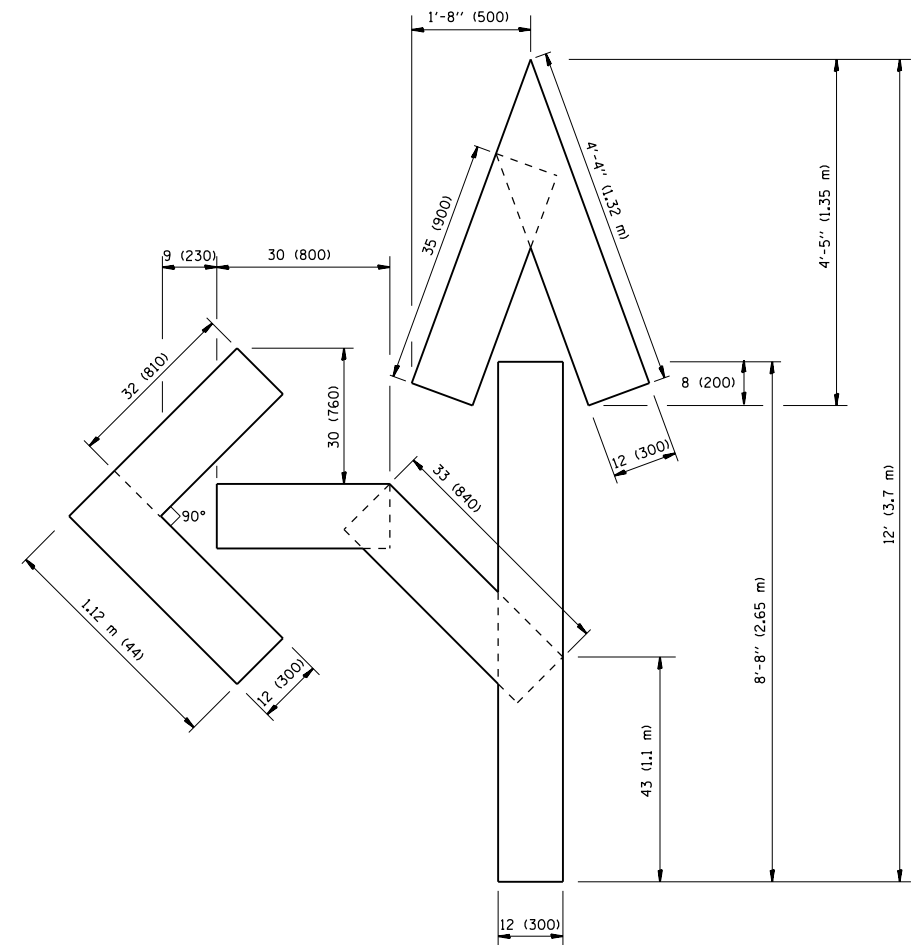
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

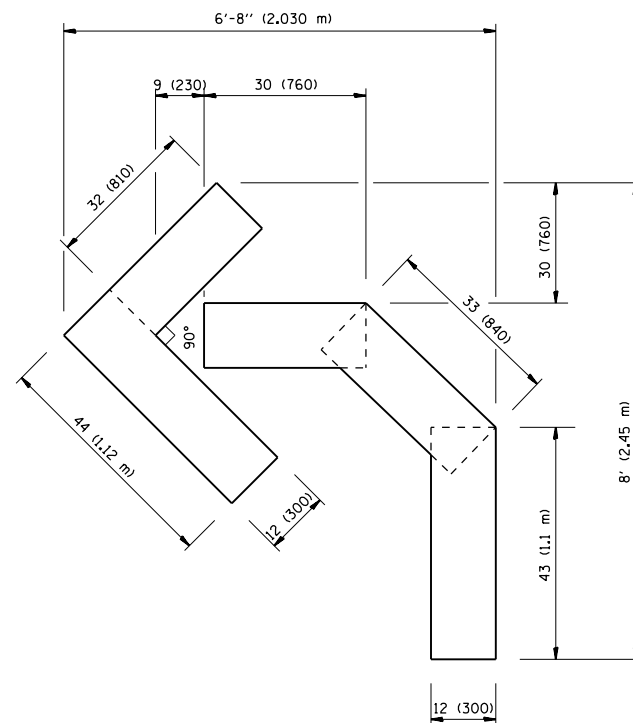
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 RS	DUPAGE	44	40
TC-14			CONTRACT NO. 60W66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

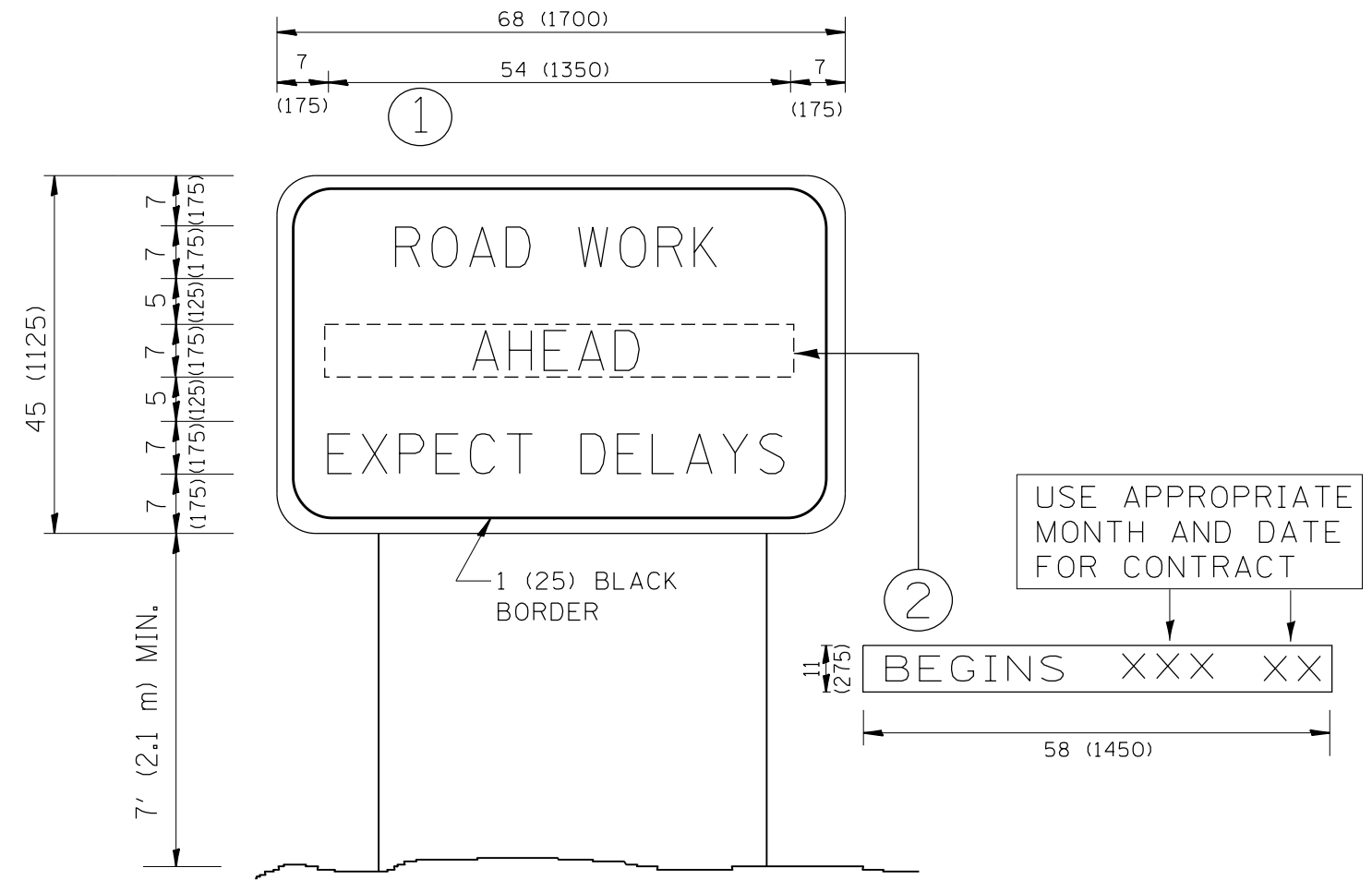
FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
et:\pw\work\p\dot\pencepl\d0335178\60w66-DistStd.dgn		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 5/22/2013	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 RS	DUPAGE	44	41
TC-16			CONTRACT NO. 60W66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED - R. MIRS 09-15-97
et:\pw\work\pwidot\pencepl\d0335178\60W66-DistStd.dgn		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 5/22/2013	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

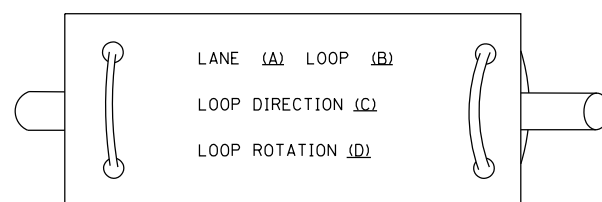
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 RS	DUPAGE	44	42
TC-22			CONTRACT NO. 60W66	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

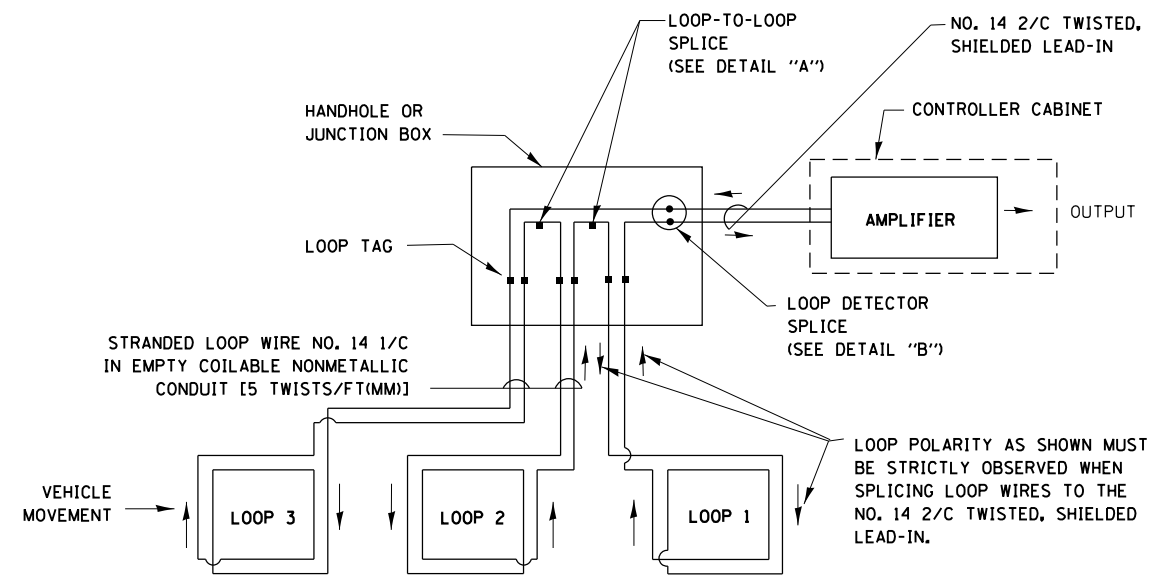
LOOP DETECTOR NOTES

- 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.
- 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.
- 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.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- 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.
- 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.
- PERFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PERFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

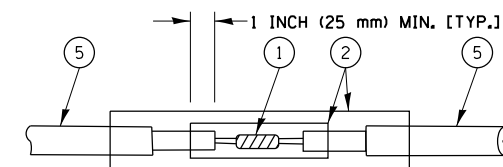


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

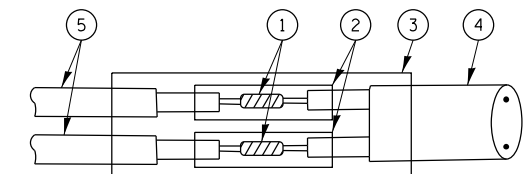


DETECTOR LOOP WIRING SCHEMATIC

- 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.

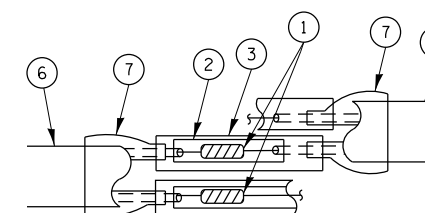


DETAIL "A"
LOOP-TO-LOOP SPLICE

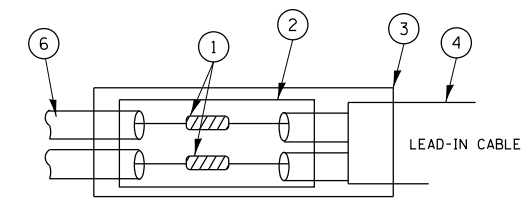


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



PRE-FORMED LOOP
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

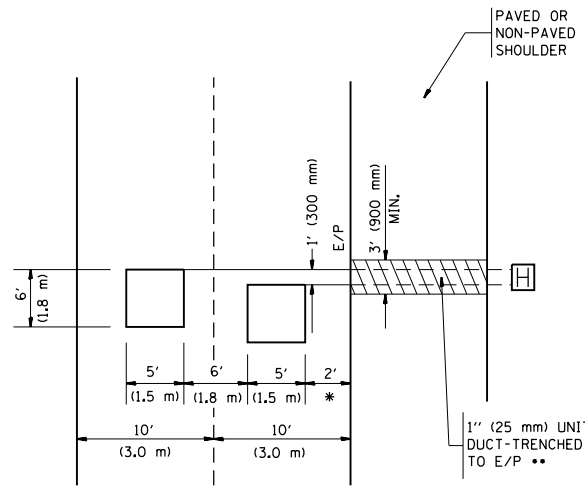
LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- PRE-FORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = PencePL	DESIGNED - DAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\pencepl\d0335178\60W66-DistStd.dgn	DRAWN - BCK	REVISED -	VAR.			2013-030 RS	DUPAGE	44	43	
PLOT SCALE = 100.0000' / in.	CHECKED - DAD	REVISED -	TS-05			CONTRACT NO. 60W66				
PLOT DATE = 5/22/2013	DATE - 10-28-09	REVISED -	SCALE: NONE			SHEET NO. 1 OF 6 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



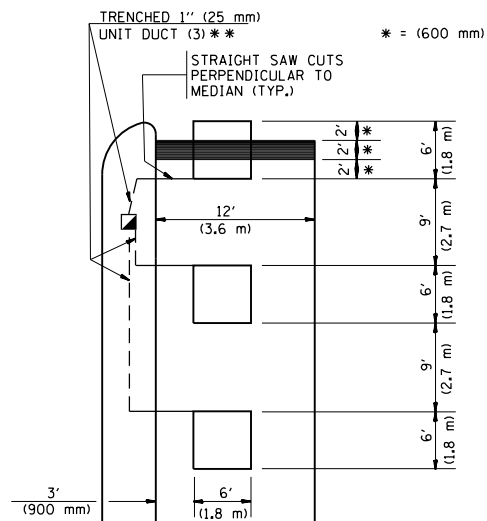
* = (600 mm)

** 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 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

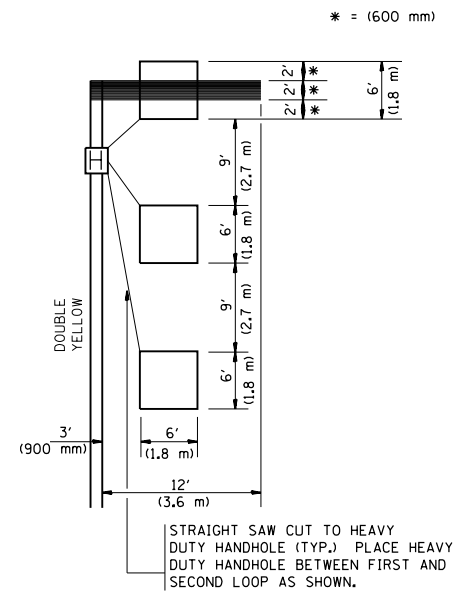


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



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

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * 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 SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL 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.

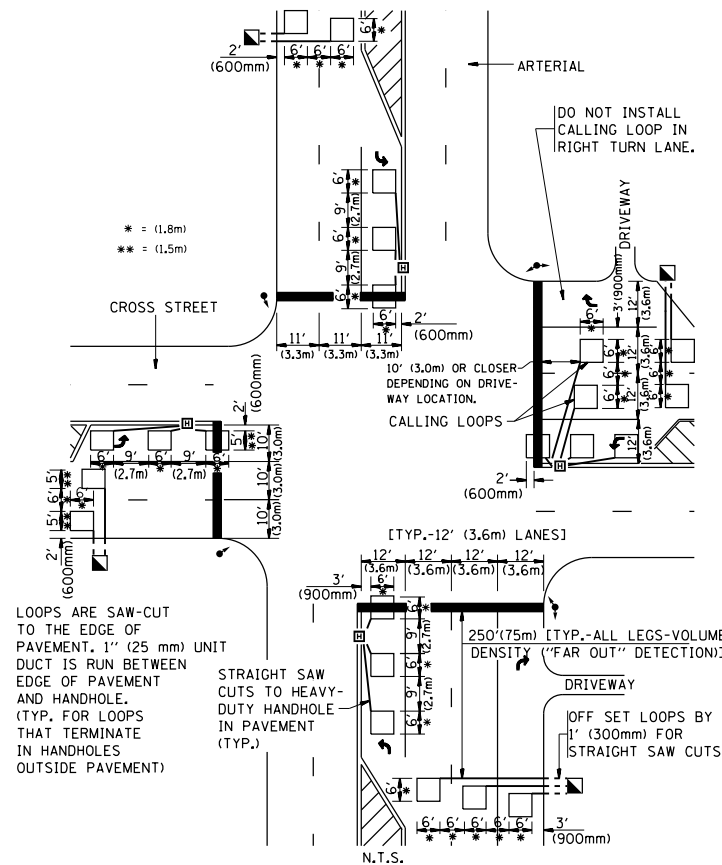
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

NOTE:

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

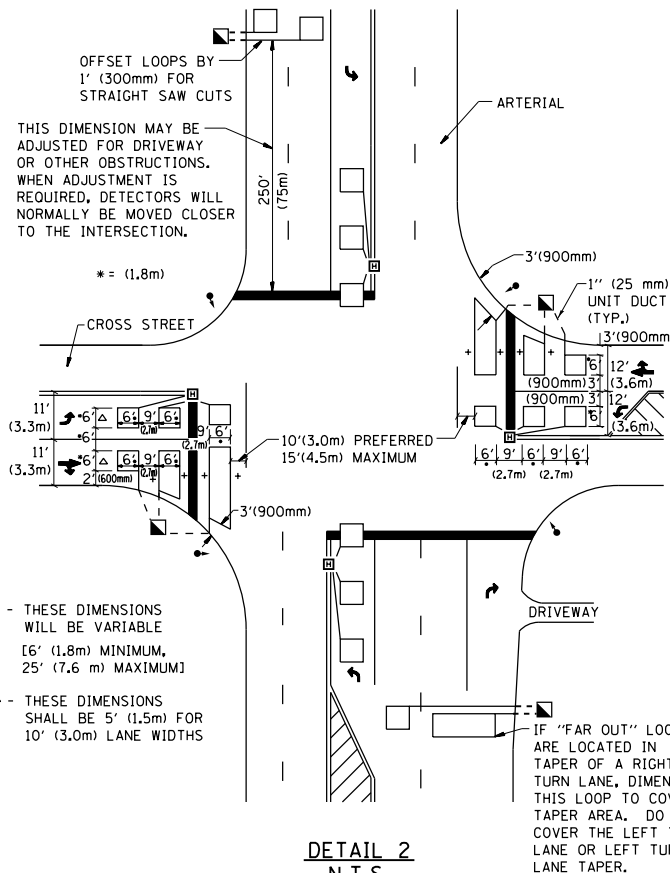
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

FILE NAME =	USER NAME = PencePL	DESIGNED -	REVISED -
et:\pw\work\p1dot\pencepl\d0335178\60w66-DistStd.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.		CHECKED - R.K.F.	REVISED -
PLOT DATE = 5/22/2013		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2013-030 RS	DUPAGE	44	44
TS-07		CONTRACT NO. 60W66		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				