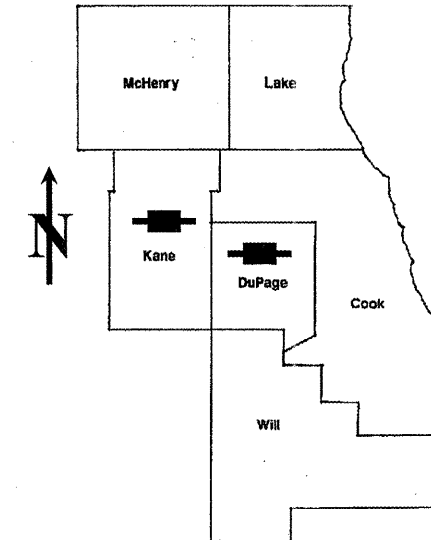


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2011-005-PP	KANE AND DUPAGE	36	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT ONE
PROPOSED HIGHWAY PLANS

CONTRACT NO. 60N93

D-91-436-11



LOCATION OF IMPROVEMENT INDICATED THUS:

FOR INDEX OF SHEETS SEE SHEET 2

VARIOUS ROUTES
 SECTION: 2011-005-PP
 VARIOUS LOCATIONS IN KANE AND DUPAGE COUNTIES
 PCC PAVEMENT PATCHING
 KANE AND DUPAGE COUNTIES
 C-91-436-11

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
SUBMITTED:	<u>APRIL 6,</u> 20 <u>11</u>
	<u>Diane M. O'Keefe</u> DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
	<u>May 13</u> 20 <u>11</u>
<i>acting</i>	<u>Scott E. Stitt, P.E.</u> ENGINEER OF DESIGN AND ENVIRONMENT
	<u>May 13</u> 20 <u>11</u>
	<u>Christine M. Poole</u> DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

J.U.L.I.E.: JOINT UTILITY LOCATION
INFORMATION FOR EXCAVATION
(312) 744-7000

DISTRICT ONE - DESIGN - PLAN PREPARATION ENGINEER:
 KEN ENG / (847) 705-4247

CONTRACT NO. 60N93

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	420001-07	PAVEMENT JOINTS
3	SUMMARY OF QUANTITIES	420701-02	PAVEMENT FABRIC
4	GENERAL LOCATION MAP	421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
5-6	SUMMARY OF PATCHING SCHEDULE	442001-04	CLASS A PATCHES
7-28	PATCHING SCHEDULE	442101-07	CLASS B PATCHES
29	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS
30	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)	701427	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS \leq 40 MPH
31	TYPICAL APPLICATIONS; RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)	701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
32	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701606-07	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
33	TRAFFIC CONTROL AND PROTECTION OF TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	701701-07	URBAN LANE CLOSURE, MULTILANE INTERSECTION
34	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)	701901-01	TRAFFIC CONTROL DEVICES
35	ARTERIAL ROAD INFORMATION SIGN (TC-22)		
36	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05)		

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)

WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

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 PAVEMENT PATCHING 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 BE 10 INCHES OF PORTLAND CEMENT CONCRETE (PCC) PAVEMENT.

NO PATCHING IS TO BE DONE WITHIN FIFTY (50) FEET OF ANY RAILROAD CROSSING WITHOUT OBTAINING THE PROPER RAILROAD PROTECTIVE LIABILITY INSURANCE.

THE MINIMUM CLASS A PATCH DIMENSIONS SHALL BE A LENGTH OF 4.5 FEET AND A WIDTH THAT INCLUDES HALF THE WIDTH OF THE TRAVEL WAY. THE MINIMUM CLASS B PATCH DIMENSIONS SHALL BE A LENGTH OF 6 FEET AND A WIDTH THAT INCLUDES THE FULL WIDTH OF THE TRAVEL WAY.

FOR ALL PATCHES LOCATED IN THE MIDDLE LANE OF A ROUTE WITH A 3-LANE CROSS-SECTION (PER DIRECTION), CLASS PP-3 CONCRETE IS TO BE USED.

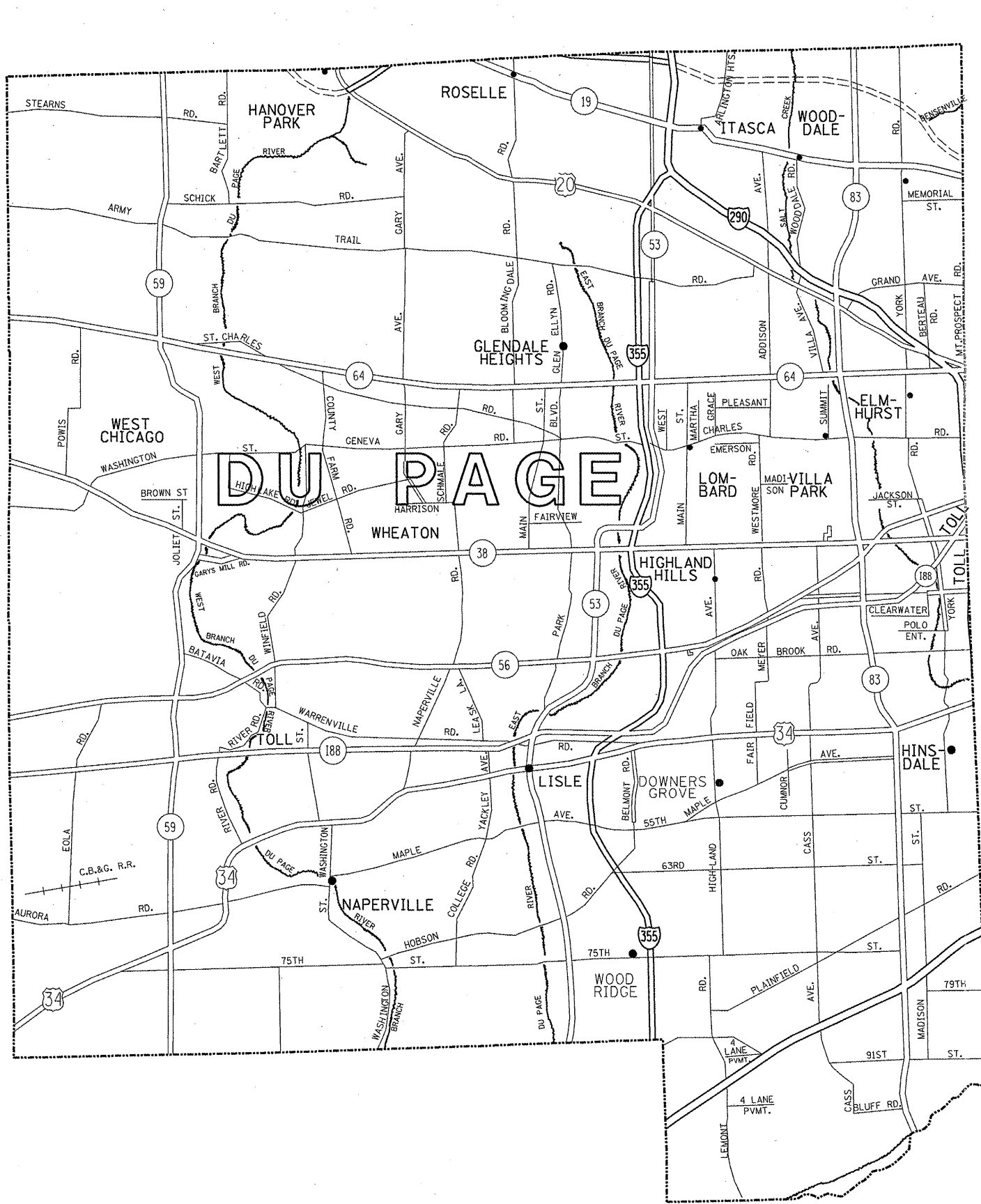
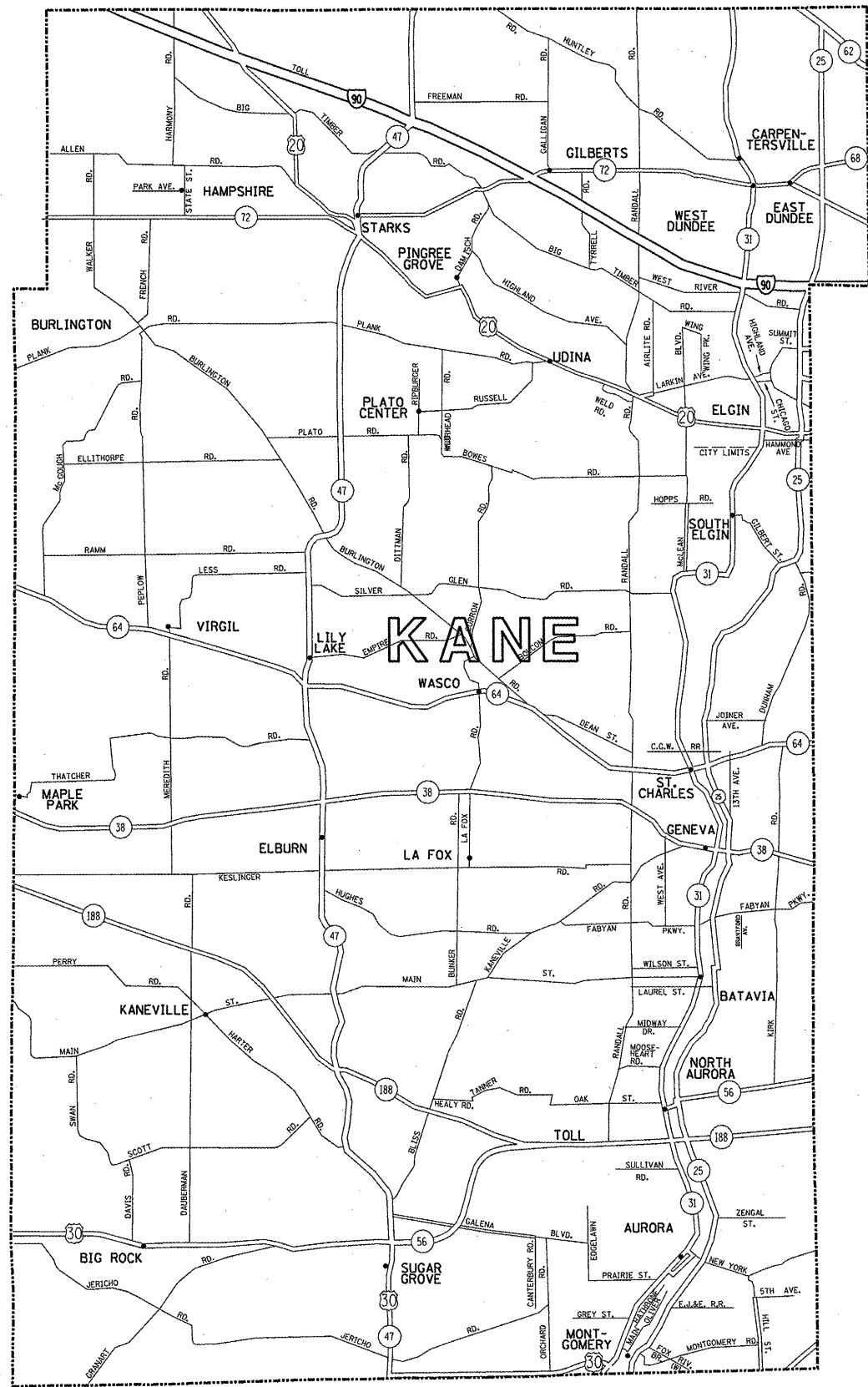
FOR INTERSECTION PATCHES, CLASS PP-5 CONCRETE IS TO BE USED. LOCATIONS TO BE DETERMINED BY THE RESIDENT ENGINEER.

JOINT SEALING FOR CLASS B PATCHES IS TO BE REPLACED WITH A SOLID PLASTIC BOND BREAKER (1/8" X T/3"; WHERE T IS EQUAL TO THE THICKNESS OF THE PATCH). THE COST OF THE SOLID PLASTIC BOND BREAKER IS TO BE INCLUDED IN THE COST OF THE CLASS B PATCH.

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.

FILE NAME =	USER NAME = velchikovVV	DESIGNED -	REVISED - Δ - 5/11/10 - DW	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\pwork\pwork\velchikovVV\d0259977\design.dgn	DRAWN -	REVISED -	VAR.			2011-005-PP	KANE & DUP.	36	2	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 60N93							
PLOT DATE = 4/14/2011	DATE -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	DUPAGE COUNTY	KANE COUNTY			CODE NO	ITEM	UNIT	TOTAL QUANTITIES				
				0005	0005										
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	201	169	32										
25200110	SODDING, SALT TOLERANT	SO YD	201	169	32										
42101300	PROTECTIVE COAT	SO YD	19309	17676	1633										
44200553	CLASS A PATCHES, TYPE II, 10 INCH	SO YD	24	24											
44200557	CLASS A PATCHES, TYPE III, 10 INCH	SO YD	144	144											
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	16575	15314	1261										
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SO YD	1239	996	243										
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SO YD	1060	973	87										
44201299	DOWEL BARS 1 1/2"	EACH	42734	39374	3360										
44213000	PATCHING REINFORCEMENT	SO YD	168	168											
44213100	PAVEMENT FABRIC	SO YD	2299	1969	330										
44213200	SAW CUTS	FOOT	120084	110439	9645										
44213204	TIE BARS 3/4"	EACH	794	729	65										
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	70	65	5										
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	5	1										
67100100	MOBILIZATION	L SUM	1	0.5	0.5										
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.5	0.5										
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5	0.5										
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5										
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	38	34	4										
* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SO FT	214	183	31										
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	14215	11521	2694										
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	945	745	200										
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	20	15	5										
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	10	5	5										
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	204	60	144										
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	360	340	20										
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	1727	1267	460										
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1202	1012	190										
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	951	848	103				* SPECIALTY ITEM						



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 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 4/14/2011

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GENERAL LOCATION MAP - KANE AND DUPAGE COUNTIES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2010-017PP	KANE & DUP.	36	4
CONTRACT NO. 60N93				
ILLINOIS FED. AID PROJECT				

SUMMARY - DUPAGE AND KANE COUNTY ROUTES	CLASS A PATCHES, 10" TYPE II (SY)	CLASS A PATCHES, 10" TYPE III (SY)	CLASS B PATCHES, 10" TYPE II (SY)	CLASS B PATCHES, 10" TYPE III (SY)	CLASS B PATCHES, 10" TYPE IV (SY)
IL 64 (GLEN ELLYN RD TO COUNTY FARM RD (INTERSECTION PATCHES)) - DUPAGE COUNTY			365	144	40
US 34 (IL 59 TO FARNSWORTH) - DUPAGE COUNTY			133		
IL 59 (AURORA AVE TO 95TH ST) - DUPAGE COUNTY			104		
ROHLWING ROAD (ELGIN-O'HARE EXPY TO NERGE RD) - DUPAGE COUNTY			373		27
US 20 (GREENBROOK BLVD TO ONTARIOVILLE RD/BEAR FLAG DR) - DUPAGE COUNTY			448	20	240
US 20 (GLEN ELLYN RD TO I-355) - DUPAGE COUNTY			480	116	
IL 64 (ELLSWORTH AVE TO HIGHVIEW AVE) - DUPAGE COUNTY			957	80	
IL 64 (MAIN ST/GLEN ELLYN RD TO SWIFT RD) - DUPAGE COUNTY			925	116	60
IL 64 (W/O AND E/O I-355 BRIDGE) - DUPAGE COUNTY			539		
US 34 (PASQUINELLI DR/MIDDAUGH RD TO ADAMS RD) - DUPAGE COUNTY			29		27
IL 56 (FAIRFIELD AVE TO FINLEY RD) - DUPAGE COUNTY			1792		27

CONTINUED ON NEXT SHEET

FILE NAME = c:\pw_work\p1dot\velichkovv\d0259977\	USER NAME = VelichkovV design.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF PATCHING SCHEDULE KANE AND DUPAGE COUNTIES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	VAR.	2011-005-PP	KANE & DUP.	36	5
PLOT DATE = 4/14/2011	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 60N93							

SUMMARY - DUPAGE AND KANE COUNTY ROUTES	CLASS A PATCHES, 10" TYPE II (SY)	CLASS A PATCHES, 10" TYPE III (SY)	CLASS B PATCHES, 10" TYPE II (SY)	CLASS B PATCHES, 10" TYPE III (SY)	CLASS B PATCHES, 10" TYPE IV (SY)
IL 56 (UNDER IL 83) - DUPAGE COUNTY	24	144			
IL 83 (IL 56 TO JUST N/O 31ST ST) - DUPAGE COUNTY			6799	372	325
22ND STREET (IL 83 TO FIRST TRAFFIC SIGNAL E/O IL 83) - DUPAGE COUNTY			579		27
IL 59 (IL 64 TO IL 58) - DUPAGE COUNTY			1568	132	200
IL 31 (AT HUNTLEY RD INTERSECTION) - KANE COUNTY			608	32	
IL 25 (BOLZ RD TO IL 62) - KANE COUNTY			653	211	87
IL 38 (IL 53 TO NICOLL WY) - DUPAGE COUNTY			124		
IL 59 (US 34 TO N. AURORA RD) - DUPAGE COUNTY			99	16	
DUPAGE AND KANE COUNTY TOTALS =	24 SY	144 SY	16575 SY	1239 SY	1060 SY

ROUTE: IL 64 (Glen Ellyn Rd to County Farm Rd Intersection) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
County Farm Rd	County Farm Rd	EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	INT.	12	6	72	8
		EB	INT.	12	6	72	8
		EB	INT.	12	6	72	8
		EB	INT.	12	6	72	8
		EB	INT.	12	6	72	8
		EB	INT.	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
Gary Ave.	Gary Ave.	EB	2	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	2	12	12	144	16
		EB	INT.	12	6	72	8
		EB	INT.	12	6	72	8
Schmale Road	Schmale Road	EB	3	12	15	180	20
		EB	3	12	15	180	20
		EB	3	12	15	180	20
		EB	2	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		WB	INT.	12	8	96	11
		WB	2	12	30	360	40
		WB	3	12	12	144	16
		WB	2	12	10	120	13
		WB	3	12	10	120	13
Bloomington Road	Bloomington Road	EB	1	12	6	72	8
		EB	3	12	6	72	8
		WB	3	12	6	72	8
		WB	3	12	6	72	8
		WB	3	12	6	72	8
		WB	INT.	12	6	72	8
Glen Ellyn Road	Glen Ellyn Road	EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	INT.	12	12	144	16
		EB	INT.	12	12	144	16
		EB	3	12	15	180	20
		EB	INT.	12	6	72	8
		EB	INT.	12	6	72	8
		EB	INT.	12	6	72	8
		WB	1	12	6	72	8
		WB	3	12	8	96	11
		WB	1	12	6	72	8
		WB	3	12	10	120	13
		WB	3	12	6	72	8

TOTALS: 412 FT 549 SY

ROUTE: US 34 (IL 59 to Farnsworth) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
Farnsworth	Ridge	EB	1	12	6	72	8
			1	12	6	72	8
Long grove	Frontenac	EB	1	12	8	96	11
			2	12	8	96	11
			1	12	6	72	8
			2	12	6	72	8
Frontenac	75th St	EB	1	12	6	72	8
			2	12	6	72	8
			1	12	6	72	8
75th	Commons	EB	1	12	6	72	8
			1	12	6	72	8
Commons	Trade	EB	2	12	6	72	8
			2	12	6	72	8
Commons	Trade	WB	2	12	6	72	8
Long Grove	Village Green	WB	1	12	6	72	8
			1	12	6	72	8

TOTALS: 100 FT 133 SY

ROUTE: IL 59 (Aurora Ave to 95th St) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
87th	83rd	NB	1	12	6	72	8
US 34	Aurora	NB	1	12	6	72	8
			2	12	6	72	8
Aurora	Mccoy	SB	1	12	6	72	8
			2	12	6	72	8
83rd	Show Place	SB	1	12	6	72	8
			2	12	6	72	8
Show Place	Cantore	SB	1	12	6	72	8
			2	12	6	72	8
			3	12	6	72	8
			1	12	6	72	8
			2	12	6	72	8
			3	12	6	72	8

TOTALS: 78 FT 104 SY

ROUTE: Rohlwing (Egin-O'Hare Expy to Nerge Rd.) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
Eilgin-O'hare Expy	Nerge Rd.	NB	1	12	10	120	13
		NB	2	12	6	72	8
		NB	1	12	10	120	13
		NB	2	12	10	120	13
		NB	2	12	6	72	8
Nerge Rd.	Eilgin-O'hare Expy	SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	8	96	11
		SB	2	12	8	96	11
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	8	96	11
		SB	2	12	8	96	11
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	RT	12	6	72	8
		SB	LT	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	RT	12	6	72	8
SB	1	12	20	240	27		
SB	2	12	10	120	13		
SB	2	12	10	120	13		

TOTALS: 300 FT 400 SY

ROUTE: US 20 (Greenbrook Blvd. to Ontarloville Rd./Bear Flag Dr.) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
Greenbrook	Ontarloville	WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	1	12	50	600	67
		WB	2	12	50	600	67
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	1	12	20	240	27
		WB	1	12	15	180	20
		WB	2	12	6	72	8
WB	3	12	6	72	8		
WB	1	12	6	72	8		
WB	2	12	6	72	8		
WB	3	12	6	72	8		
Ontarloville	Greenbrook	EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	20	240	27
		EB	2	12	20	240	27
		EB	3	12	20	240	27
		EB	1	12	6	72	8
		EB	2	12	6	72	8
EB	3	12	6	72	8		
EB	1	12	6	72	8		
EB	2	12	6	72	8		
EB	3	12	6	72	8		
EB	1	12	6	72	8		
EB	2	12	6	72	8		
EB	3	12	6	72	8		
EB	1	12	6	72	8		
EB	2	12	6	72	8		
EB	3	12	6	72	8		
Ontarloville	Greenbrook	EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
EB	1	12	6	72	8		

CONTINUED ON NEXT SHEET

ROUTE: US 20 (Greenbrook Blvd. to Ontarioville Rd./Bear Flag Dr.) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8

TOTALS: 531 FT 708 SY

ROUTE: US 20 (Glen Ellyn Rd. to I - 355) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
I - 355	Glen Ellyn Rd.	WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	LT	12	10	120	13
		WB	LT	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	LT	12	6	72	8
		WB	1	12	6	72	8
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	1	12	15	180	20
		WB	2	12	6	72	8
		WB	3	12	6	72	8
		WB	2	12	6	72	8
		WB	LT	12	12	144	16
Glen Ellyn Rd.	I - 355	EB	3	12	10	120	13
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	3	12	15	180	20
		EB	2	12	10	120	13
		EB	3	12	10	120	13
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8

ROUTE: US 20 (Glen Ellyn Rd. to I - 355) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	LT	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	LT	12	6	72	8
		EB	LT	12	10	120	13
		EB	1	12	10	120	13
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	15	180	20
		EB	2	12	15	180	20
		EB	3	12	15	180	20
Glen Ellyn Rd.	I-355	EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8

TOTALS: 447 FT 596 SY

ROUTE: IL 64 (Ellsworth Ave to Highview Ave) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
Ellsworth Ave	Rt. 83	EB	TL	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	TL	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	1	12	6	72	8
		EB	2	12	6	72	8
		EB	3	12	6	72	8

CONTINUED ON NEXT SHEET

ROUTE: IL 56 (Under IL 83) - CRC Pavement PATCHING = CLASS A

CROSS STREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
IL 56 under IL 83		EB	1	12	12	144	16
		EB	2	12	12	144	16
		EB	3	12	12	144	16
		EB	1	12	12	144	16
		EB	2	12	12	144	16
		EB	3	12	12	144	16
		EB	1	12	6	72	8
	EB	2	12	6	72	8	
	IL 56 under IL 83	EB	3	12	6	72	8
						0	0
IL 56 under IL 83		WB	1	12	12	144	16
		WB	2	12	12	144	16
	IL 56 under IL 83	WB	3	12	12	144	16

TOTALS: 126 FT 168 SY

ROUTE: IL 83 (IL 56 to just n/o 31st St) - Jointed Pavement PATCHING = CLASS B

CROSS STREET		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
0.5 miles south of I-88	I-88 bridge	NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	3	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	3	12	6	72	8
		NB	1	12	12	144	16
		NB	2	12	12	144	16
		NB	3	12	12	144	16
		NB	1	12	12	144	16
		NB	2	12	12	144	16
		NB	3	12	12	144	16
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	3	12	6	72	8
		NB	1	12	15	180	20
		NB	2	12	6	72	8
		NB	3	12	15	180	20
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	3	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	3	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	3	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	3	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	3	12	6	72	8

ROUTE: IL 83 (IL 56 to just n/o 31st St) - Jointed Pavement PATCHING = CLASS B

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

CROSS STREET		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	1	12	12	144	16
		SB	2	12	12	144	16
		SB	3	12	12	144	16
		SB	4	12	12	144	16
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	24	288	32
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8

CROSS STREET		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
Butterfield bridge	16th street	SB	6	12	6	72	8
16th street	Hodges	SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	3	12	6	72	8
		SB	4	12	6	72	8
		SB	5	12	6	72	8
		SB	6	12	6	72	8
		SB	1	12	6	72	8

CONTINUED ON NEXT SHEET

ROUTE: IL 25 (Bolz Rd to IL 62) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
		SB	2	12	20	240	27
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		SB	1	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		NB	1	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		SB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	1	12	15	180	20
		SB	1	12	15	180	20
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		SB	1	12	8	96	11
		SB	2	12	8	96	11
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	16	192	21
		NB	LTL	12	16	192	21
		NB	1	12	12	144	16
		NB	2	12	12	144	16
		NB	LTL	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8
		SB	1	12	6	72	8
		SB	2	12	6	72	8

ROUTE: IL 25 (Bolz Rd to IL 62) - Jointed Pavement PATCHING = CLASS B

CROSSSTREETS		DIRECTION (EB/WB) (NB/SB)	LANE NO. (1, 2, 3)	PAVEMENT PATCH WIDTH	PAVEMENT PATCH LENGTH	REPAIR AREA (SQ FT)	REPAIR AREA (SQ YD)
FROM	TO						
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8
		SB	2	12	25	300	33
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8
		NB	1	12	6	72	8
		NB	2	12	6	72	8
		NB	LTL	12	6	72	8
		NB	LTL	12	6	72	8

TOTALS: 1140 FT 713 FT 951 SY

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001

18" (450) MAX.

EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

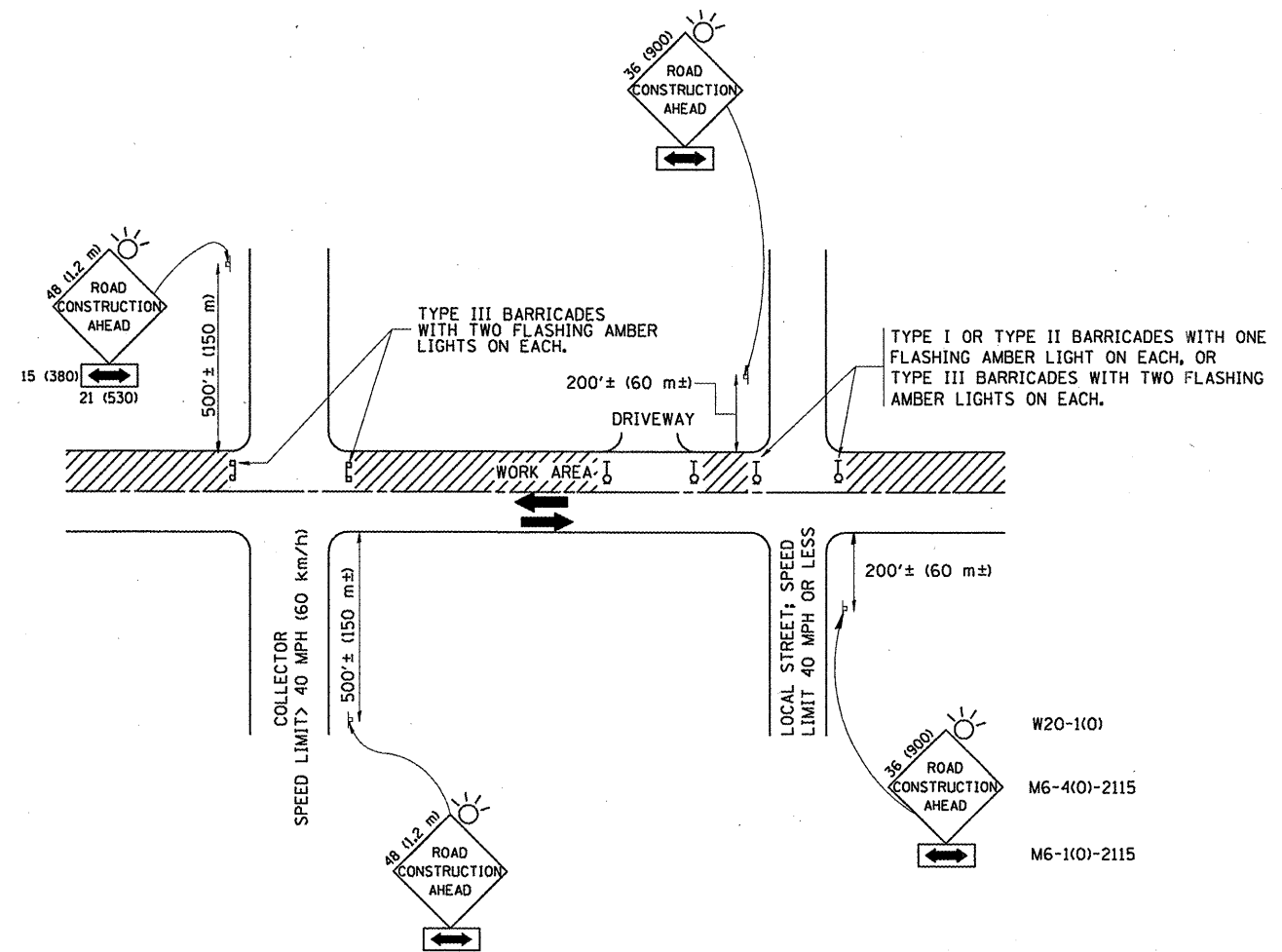
BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = Vei1ohkovVV	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A. -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pwork\pwidot\ve1ohkovv\d0259977\1stStd.dgn	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED - A. ABBAS 03-21-97			VAR.	2011-005-PP	KANE & DUP.	36	29
PLOT DATE = 4/14/2011	DATE - 03-11-94	CHECKED -	REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 60N93		
		REVISED - R. BORO 12-15-09				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	



W20-1(O)
M6-4(O)-2115
M6-1(O)-2115

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 FIELD). 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.

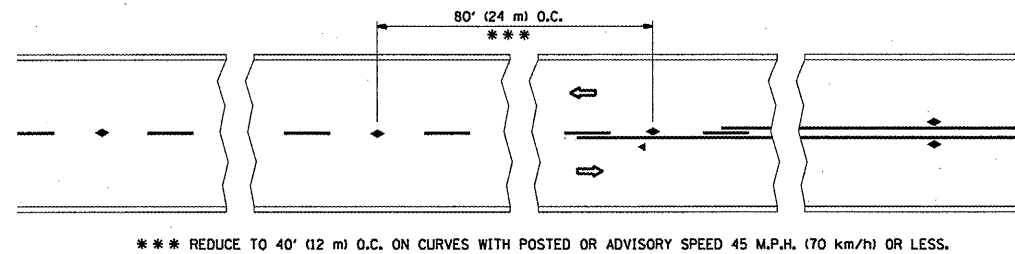
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PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED - A. HOUSEH 10-15-96
PLOT DATE = 4/14/2011		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

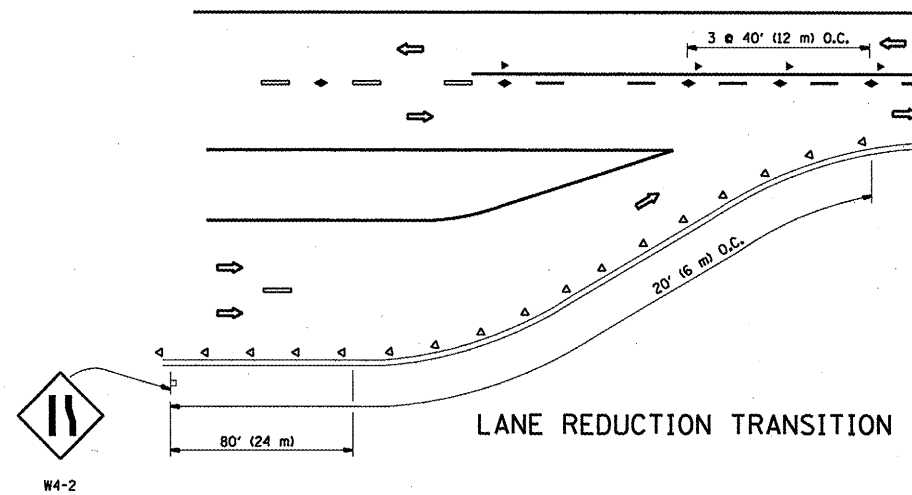
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

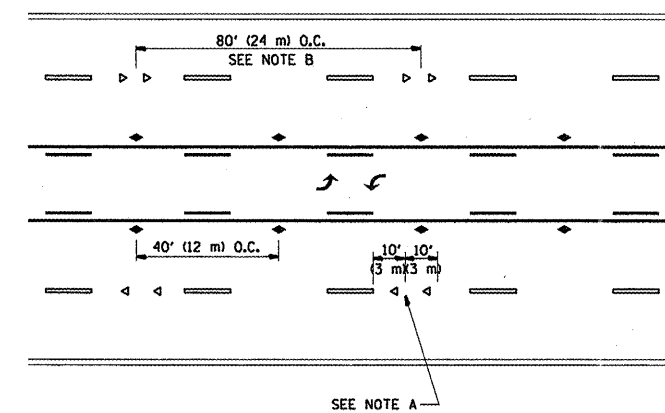
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10		CONTRACT NO. 60N93		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



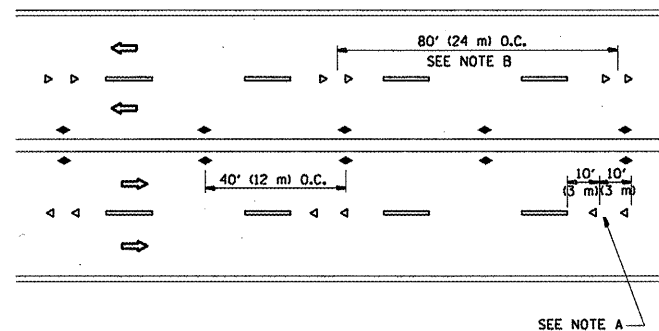
TWO-LANE/TWO-WAY



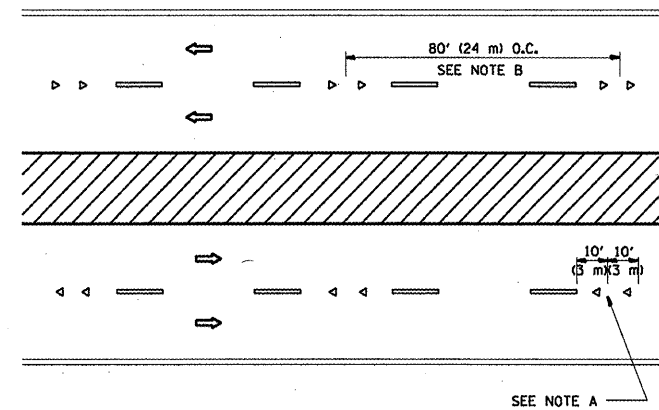
LANE REDUCTION TRANSITION



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

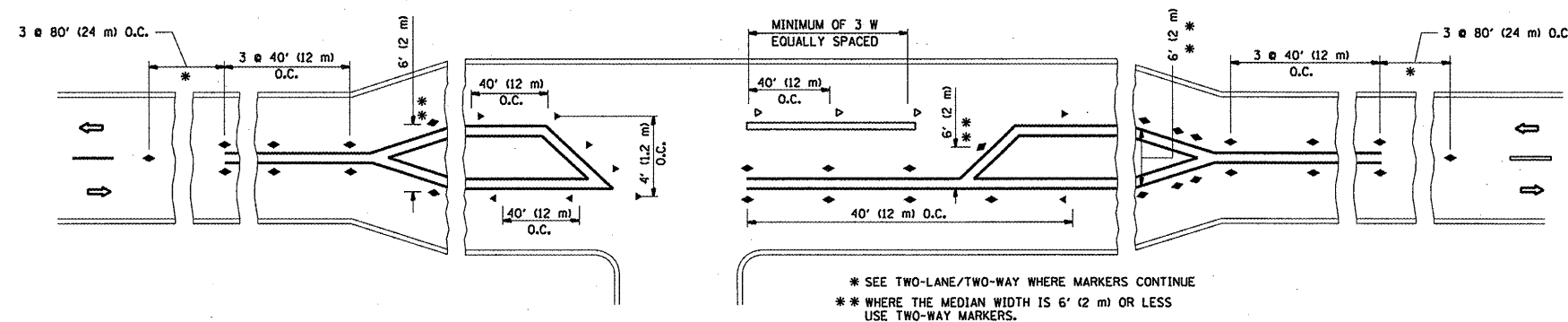
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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

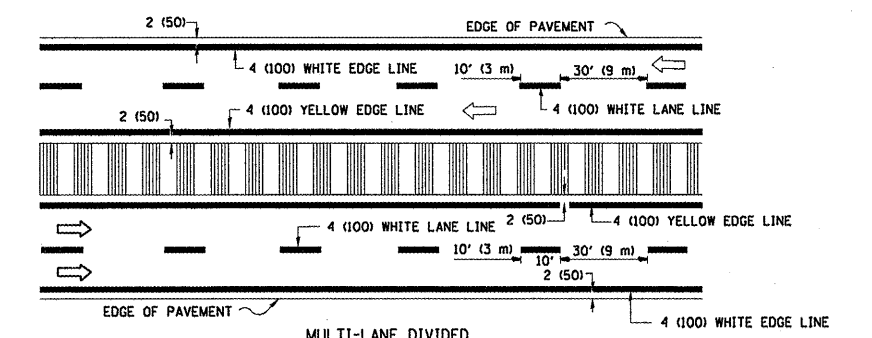
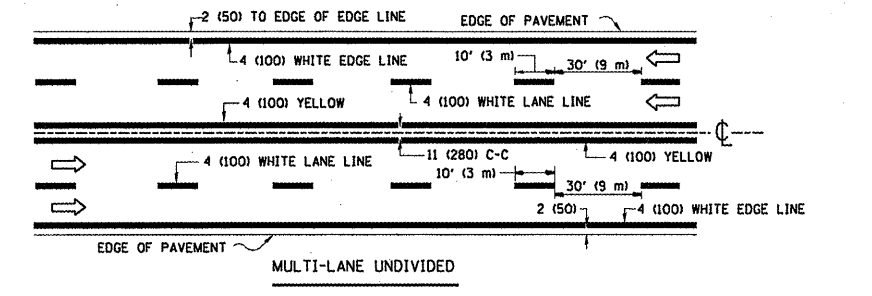
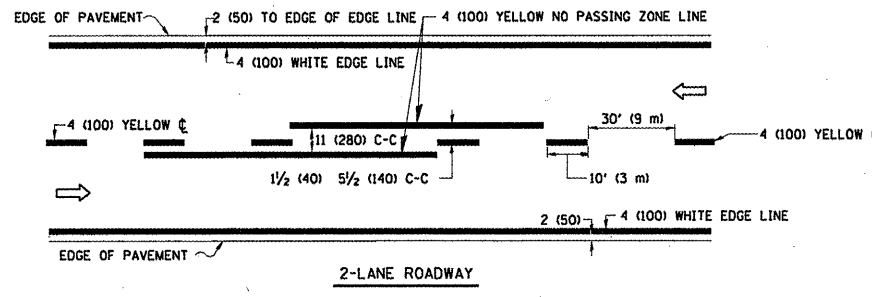
1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS 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.



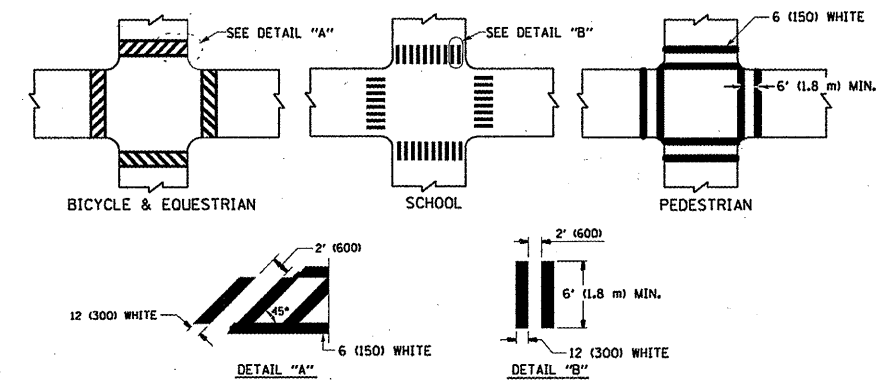
LEFT TURN

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

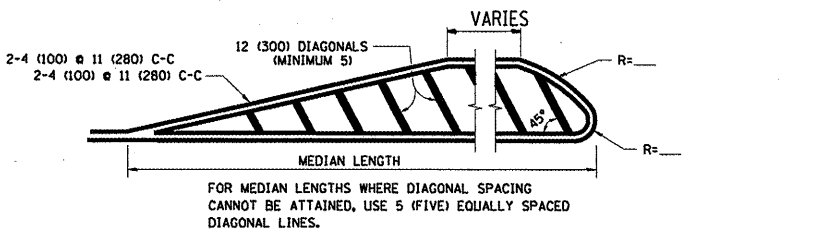
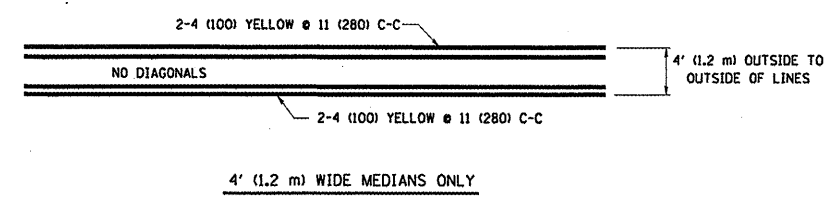
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ce:\pw\work\pms\d0259977\1stStd.dgn		DRAWN -	REVISED - T. RAMMACHER 03-12-99		RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			VAR.	2011-005-PP	KANE & DUP.	36	31	
		CHECKED -	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	TC-11			CONTRACT NO. 60N93
		DATE -	REVISED - C. JUCIUS 09-09-09		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								



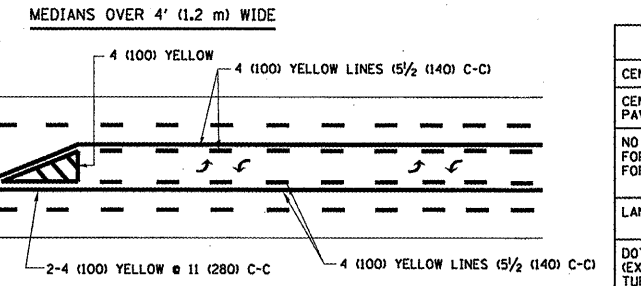
TYPICAL LANE AND EDGE LINE MARKING



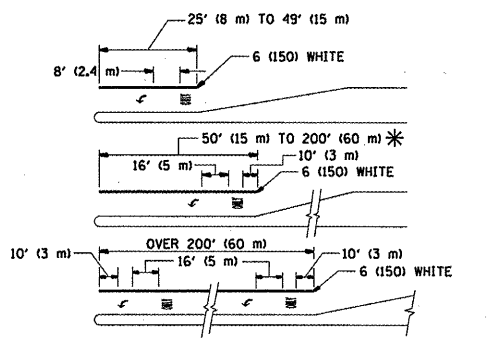
TYPICAL CROSSWALK MARKING



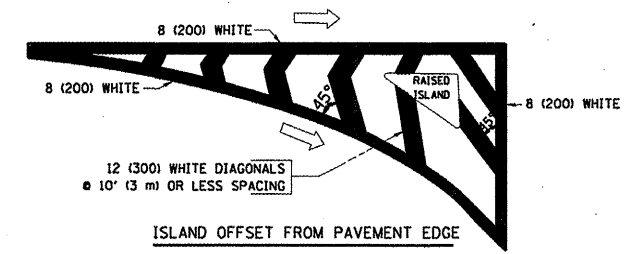
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



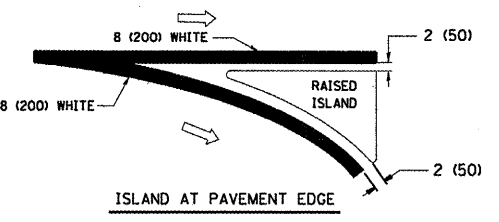
TYPICAL PAINTED MEDIAN MARKING



TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



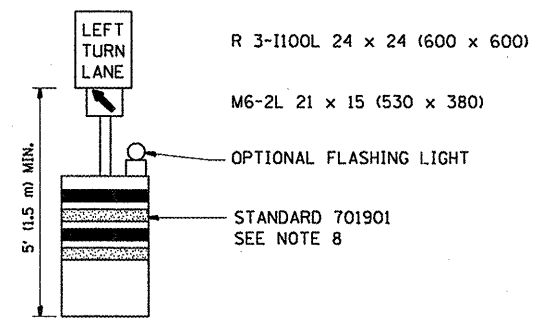
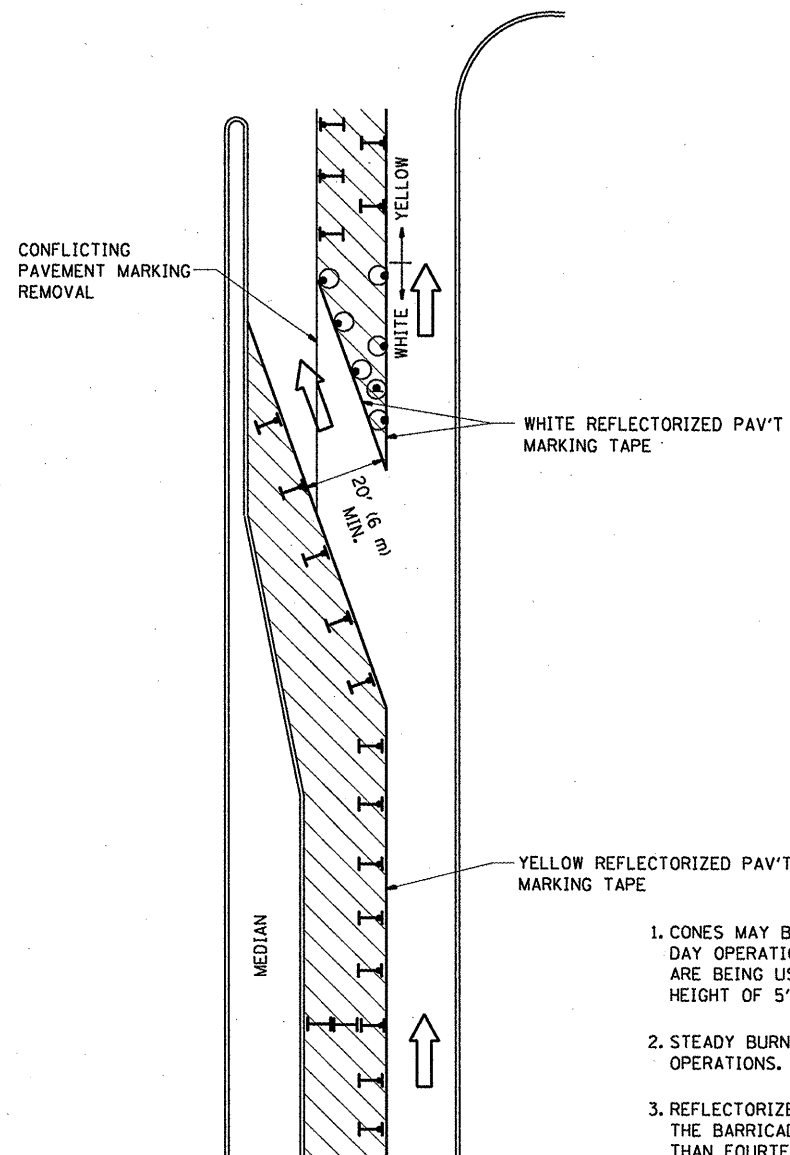
ISLAND AT PAVEMENT EDGE

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 FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 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; 5/2 (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.

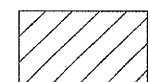







GENERAL NOTES

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 NCHR 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

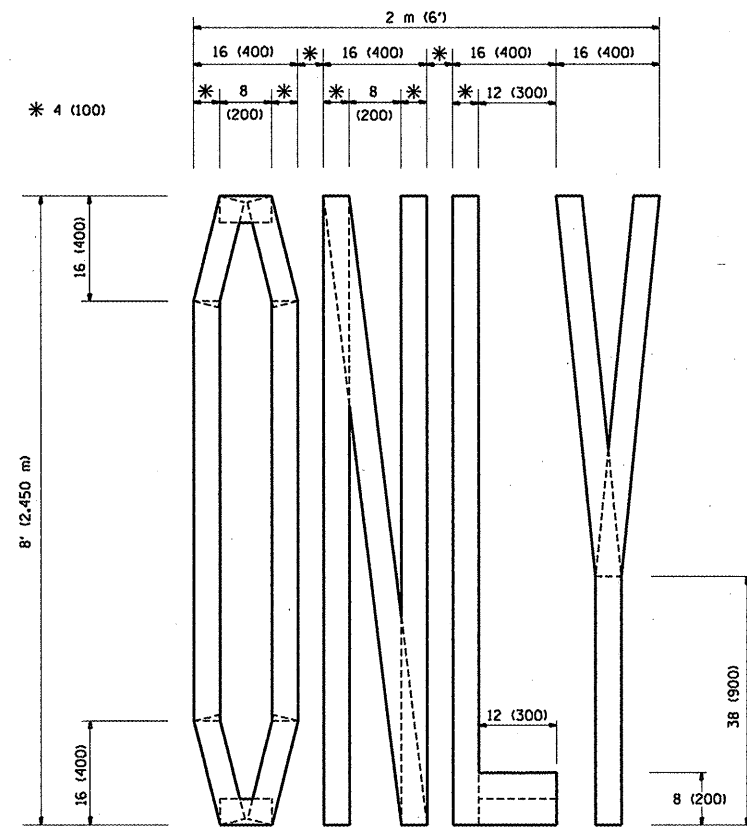
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	PLOT SCALE = 100.0000' / IN.	REVISED - A. HOUSEH 10-12-96	REVISED -
	PLOT DATE = 4/14/2011	REVISED - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

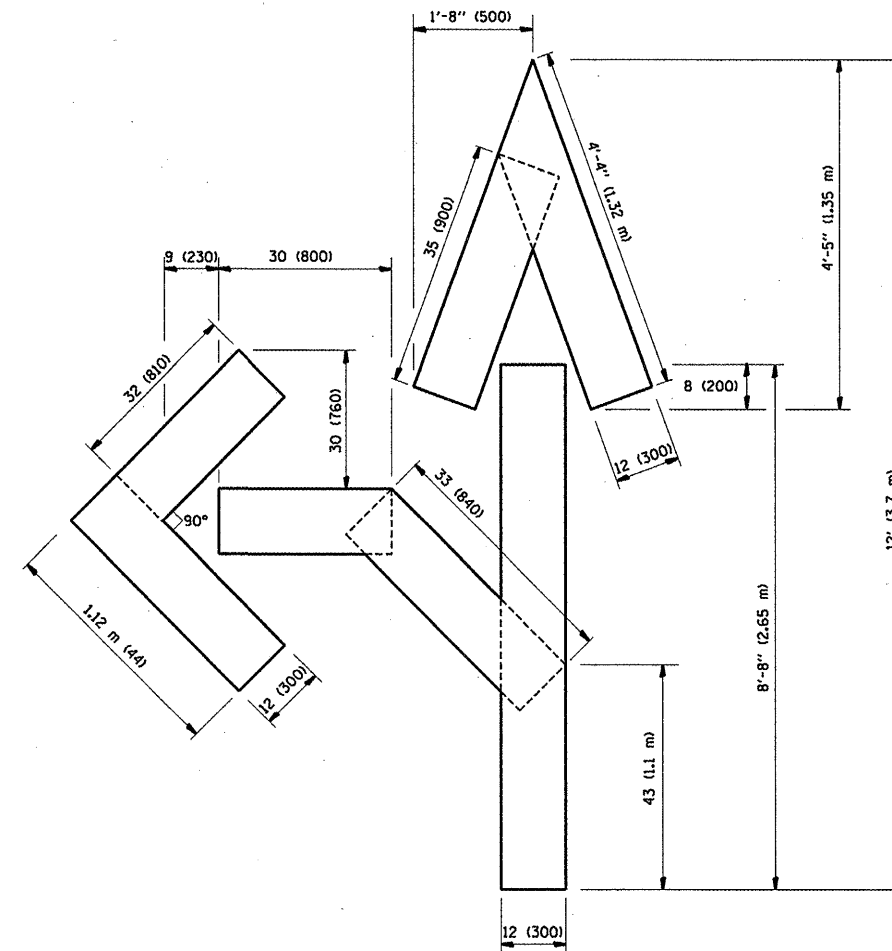
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

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

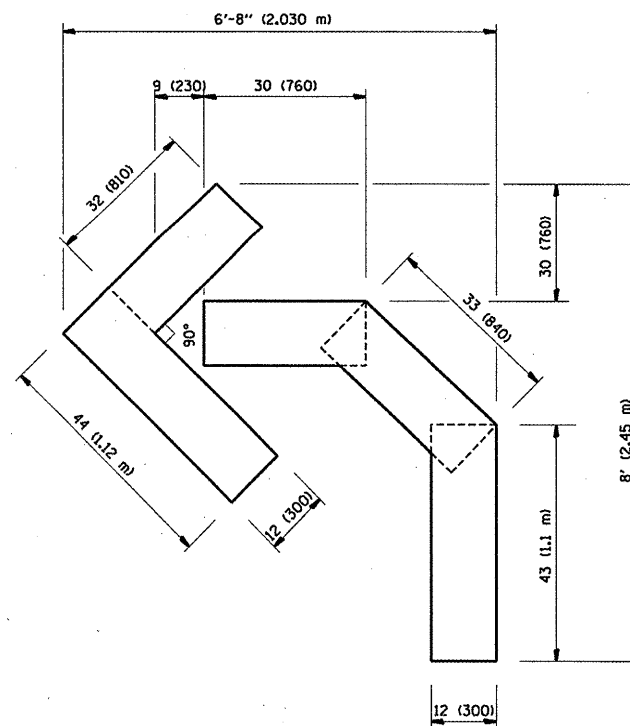
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2011-005-PP	KANE & DUP.	36	33
TC-14		CONTRACT NO. 60N93		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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.

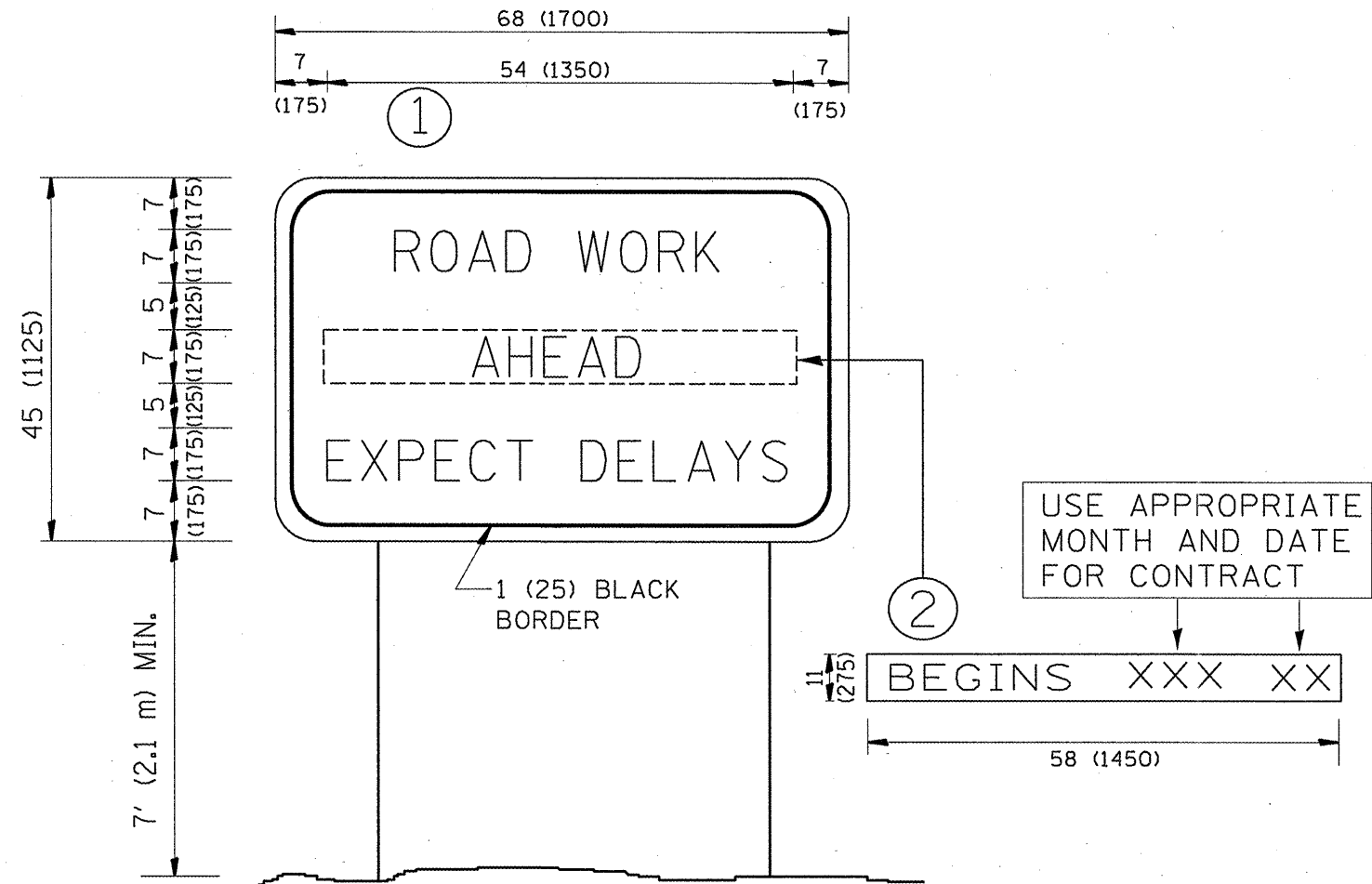
FILE NAME =	USER NAME = VelichkovVV	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
er:\pw_work\pws\d0259977\	istStd.dgn	DRAWN -	REVISED -T. RAMMACHER 11-04-97
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISOR -T. RAMMACHER 03-02-98	
PLOT DATE = 4/14/2011	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00	

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.	2011-005-PP	KANE & DUP.	36	34
TC-16		CONTRACT NO. 60N93		
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.

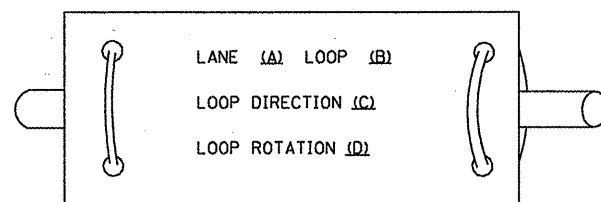
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = VelichkovVV	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
as\pr_work\puidot\velichkovv\d0259977\1stStd.dgn	DRAWN -	REVISED - R. MIRS 12-11-97	VAR.			2011-005-PP	KANE & DUP.	36	35		
PLOT SCALE = 100.0000 "/ IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99	TC-22			CONTRACT NO. 60N93					
PLOT DATE = 4/14/2011	DATE -	REVISED - C. JUCIUS 01-31-07	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								
				SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.		TO STA.	

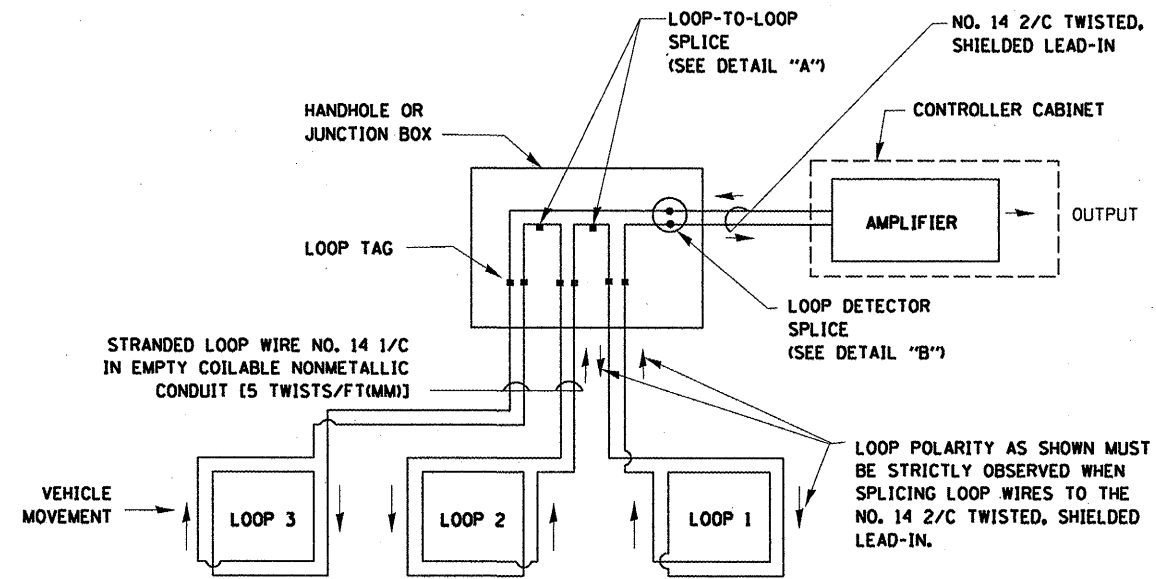
LOOP DETECTOR NOTES

- 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 DIVESHOLES 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.
- PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

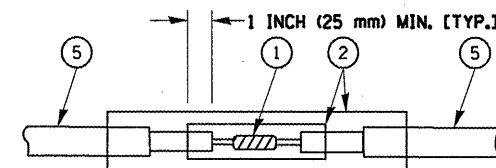


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

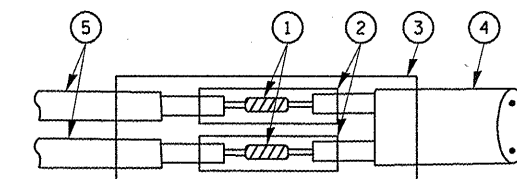


DETECTOR LOOP WIRING SCHEMATIC

- 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.

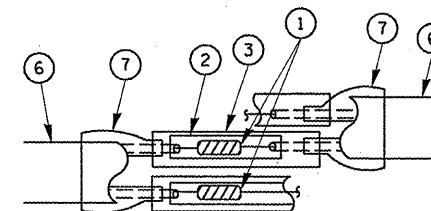


**DETAIL "A"
LOOP-TO-LOOP SPLICE**

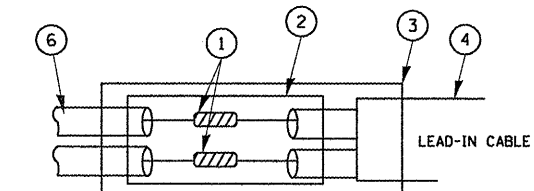


**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

TYPE I LOOP



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**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.
- PREFORMED LOOP
- XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = VelschkovIV	DESIGNED - DAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A. -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at\pr-work\p\d\dot\velschkovv\d0259977	istStd.dgn	DRAWN - BCK	REVISED -			VAR.	2011-005-PP	KANE & DUP.	36	36
PLOT SCALE = 100.0000 ' / IN.	CHECKED - DAD	REVISED -				TS-05		CONTRACT NO. 60N93		
PLOT DATE = 4/14/2011	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				