

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D3 GRDRL DELIN MAINT INT 20-02	VARIOUS	7	1
			CONTRACT NO. 46511	

1. COVER SHEET
2. SUMMARY OF QUANTITIES
3. SCHEDULES - 1-39 LASALLE COUNTY
4. SCHEDULES - 1-80 BUREAU COUNTY
5. SCHEDULES - 1-80 LASALLE COUNTY
6. SCHEDULES - 1-80 GRUNDY COUNTY
7. REFLECTOR MOUNTING DETAILS

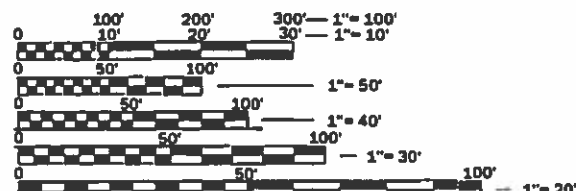
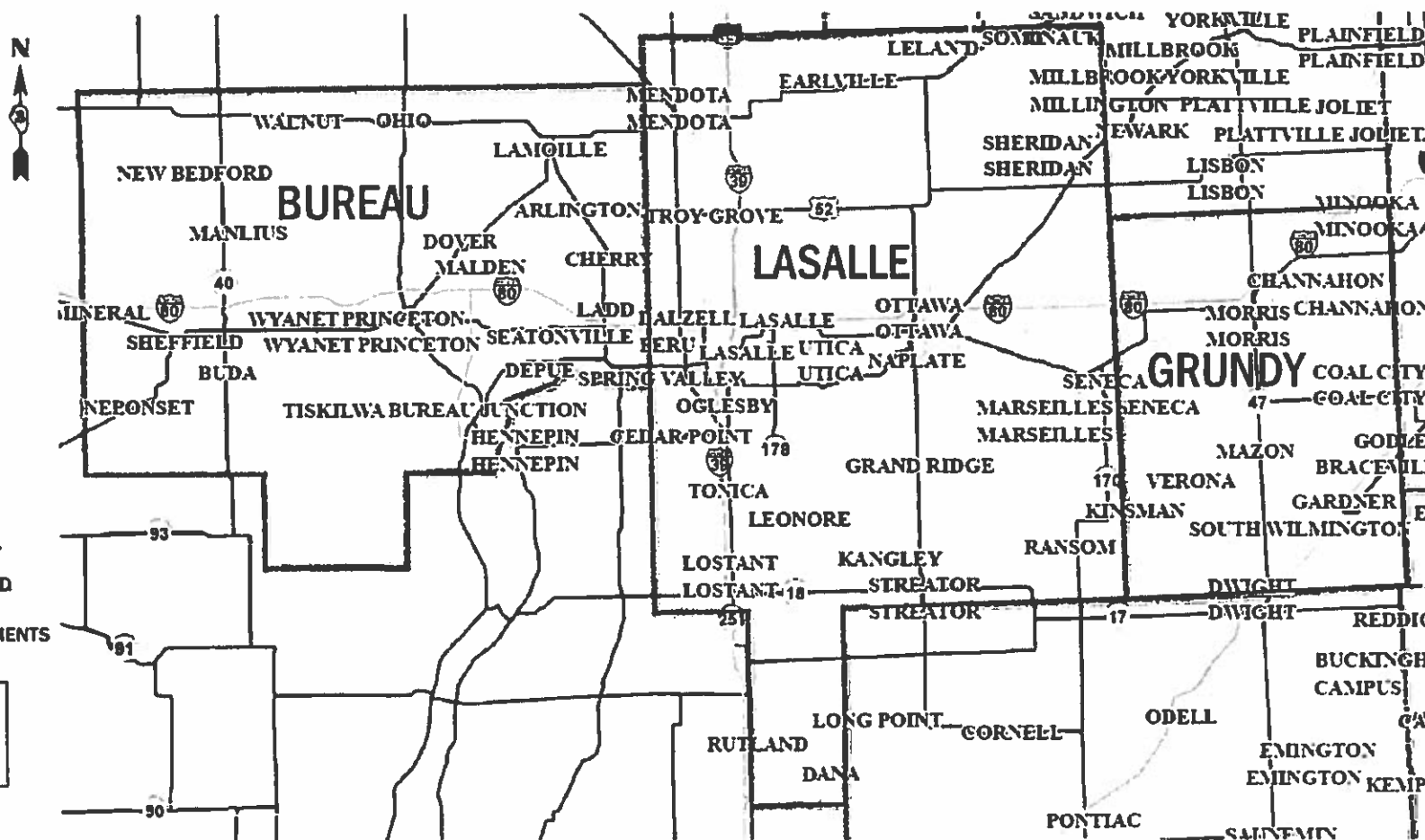
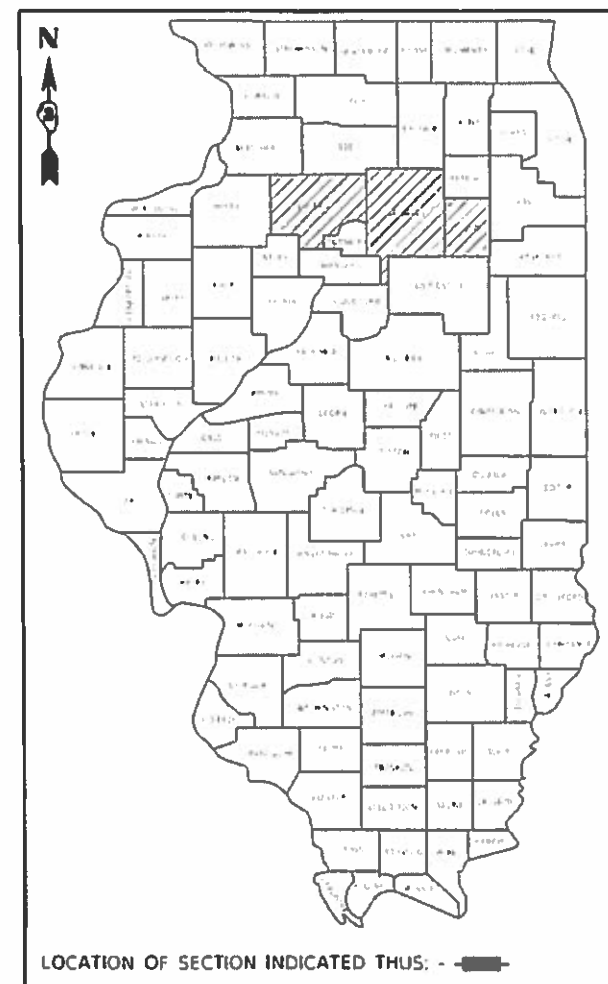
STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701400-09 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-12 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
- 701426-09 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701427-05 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
- 701428-01 TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701456-05 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701901-08 TRAFFIC CONTROL DEVICES
- 782001-01 PRISMATIC CURB REFLECTORS
- 782006 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES SECTION D3 GRDRL DELIN MAINT INT 20-02 PROJECT GUARDRAIL DELINEATION VARIOUS COUNTIES

M-60-001-20



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 TOM SCHAEFER P.E.
UNIT CHIEF RON WOODSHANK
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 46511

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *May 2 2019*
Kevin March...
REGIONAL ENGINEER

May 10 2019
E.A. Elk...
ENGINEER OF DESIGN AND ENVIRONMENT

May 19 2019
Paul P. ...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

VARIOUS COUNTIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE					
				100% STATE					
				LASALLE COUNTY		BUREAU COUNTY		GRUNDY COUNTY	
				ROADWAY 0021	ROADWAY 0021	ROADWAY 0021	ROADWAY 0021	ROADWAY 0021	ROADWAY 0021
				RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
67100100	MOBILIZATION	L SUM	1	0.17	0.17	0.17	0.16	0.17	0.16
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	195	37	49	52	19	4	34
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	1585	312	440	390	238	14	191
78200020	CURB REFLECTORS	EACH	3236	689	1439	16	447	143	502
X0326649	LINEAR DELINEATOR PANELS, 6 INCH	EACH	536	86	172	138	54	4	82
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	1585	312	440	390	238	14	191
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.17	0.17	0.17	0.16	0.17	0.16

FILE NAME =	USER NAME = woodshank1	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pwc:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 3\Projects\D346511\CADDData\I346511r.dgn	DRAWN - RW	REVISED -	VAR			D3 GRDRL DELIN MAIN INT 20-02	VARIOUS	7	2		
Default	PLOT SCALE = 100.0000' / in.	CHECKED - EV	REVISED -			CONTRACT NO. 46511					
	PLOT DATE = 3/4/2019	DATE - 2/22/2019	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT

SCHEDULE I-39 LASALLE COUNTY

LOCATION		GUARDRAIL AT STRUCTURES										BARRIER WALL			
		GUARDRAIL REFLECTORS TYPE A				TERMINAL MARKERS		LINEAR DELINEATOR PANELS 4"				LINEAR DELINEATOR PANELS 6"			
		RURAL		URBAN		RURAL	URBAN	RURAL		URBAN		RURAL		URBAN	
M.M.	LOCATION	1W-A	1W-C	1W-A	1W-C	DIR-APP	DIR-APP	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE
Exit 41	IL 18 over I-39		12			4			12				6		
42.6 NB SB	Little Sandy Creek - 1-1/4 mi north of IL 18	12	22			3		12	22			4	4		
42.85 NB SB	RR Bridge - 1-1/2 mi north of IL 18	6	22			3		6	22			4	4		
48.0 NB SB	Baily Creek - 1/2 mi south of Tonica	10	14			4		10	14			2	2		
Exit 48	Tonica Interchange		12			4			12				6		
Exit 51	IL 71 over I-39		12			4			12				6		
Exit 52	IL 251 over I-39		6			2			6				12		
Exit 54	Oglesby Road over I-39				16		4				16				6
54.25	Temp Barrier X-Over - north of Oglesby													*	*
54.6 to 56.4	I-39 over Illinois River Valley, Median			5			1			5				*	*
54.6 to 56.0	I-39 over Illinois River Valley, Outside				22		2				22			*	*
Exit 56	US 6 over I-39				20		2				20				10
Exit 59 NB SB	I-39 over I-80			6	12		2			6	12			8	8
62.4 NB SB	Tomahawk Creek - 3-1/2 mi south of US 52	6	6			2		6	6			4	4		
Exit 65	US 52 over I-39	6	6			4		6	6				8		
66.3 NB SB	RR Bridge - 1/2 mi north of US 52	6	72			1		6	72			4	4		
67.3 NB SB	Vermillion Creek - 1-1/4 mi north of US 52	12	16			2		12	16			4	4		
Exit 72	US 34 over I-39				12		4				12				6
72.6 NB SB	RR Bridge - 3/4 mi north of US 34			6	33		4				33			4	4
SUBTOTALS		58	200	17	115	33	19	58	200	17	115	22	60	12	34
TOTALS		258		132		33	19	258		132		82	60	46	

NOTES:
 GUARDRAIL REFLECTORS AND LINEAR DELINEATOR PANELS 4"SPACING; 80 FEET CENTER TO CENTER.
 MINIMUM 3 REFLECTORS PER RUN. INSTALL LINEAR DELINEATOR BETWEEN GUARDRAIL REFLECTORS.
 BARRIER WALL LINEAR DELINEATOR 6" SPACING;80FT CENTER TO CENTER, MINIMUM 2 FOR STRUCTURE LESS THAN 100", 3 FOR STRUCTURES 100 FEET TO 200 FT.
 *POSSIBLE REPAIRS OF EXISTING NEEDED.

**SCHEDULE - CURB REFLECTORS
I-39 LASALLE COUNTY**

LOCATION	NORTH MEDIAN (NORTH OF RAMPS)			CENTER MEDIAN (BETWEEN RAMPS)			SOUTH MEDIAN (SOUTH OF RAMPS)			ISLANDS TOP OF RAMPS	
	REFLECTORS			REFLECTORS			REFLECTORS			REFLECTORS	
	MEDIAN	YELLOW		MEDIAN	YELLOW		MEDIAN	YELLOW		WHITE	
LENGTH	RURAL	URBAN	LENGTH	RURAL	URBAN	LENGTH	RURAL	URBAN	RURAL	URBAN	
IL 18 OVER I-39	600	35		730	42		600	35			
ISLANDS AT TOPS OF RAMPS AT IL 18										16	
TONICA RD. OVER I-39	550	34		625	36		530	33			
ISLANDS AT TOPS OF RAMPS AT IL TONICA RD.										16	
IL 71 OVER I-39	620	37		730	42		600	35			
ISLANDS AT TOPS OF RAMPS AT IL 71										16	
IL 251 OVER I-39	590	35		1375	74		590	35			
ISLANDS AT TOPS OF RAMPS AT IL 251										16	
OGLESBY RD. OVER I-39	360		31	750		44	510		32		
ISLANDS AT TOPS OF RAMPS AT OGLESBY RD.											16
US 6 OVER I-39	975/600		128	1100		80	690		42		
ISLANDS AT TOPS OF RAMPS AT US 6											16
US 52 OVER I-39	580		30	1300		72	580		30		
ISLANDS AT TOPS OF RAMPS AT US 52											16
US 34 OVER I-39	600		35	1250		68	600		35		
ISLANDS AT TOPS OF RAMPS AT US 34											16
SUBTOTAL		141	224		194	264		138	139	64	64
TOTAL					RURAL = 537					URBAN = 691	

NOTE: MEDIAN MEASUREMENT TAKEN ALONG CENTERLINE OF MEDIAN

SCHEDULE I-80 BUREAU COUNTY

LOCATION		GUARDRAIL AT STRUCTURES										BARRIER WALL			
		GUARDRAIL REFLECTORS TYPE A				TERMINAL MARKERS		LINEAR DELINEATOR PANELS 4"				LINEAR DELINEATOR PANELS 6"			
		RURAL		URBAN		RURAL	URBAN	RURAL		URBAN		RURAL		URBAN	
M.M.	LOCATION	1W-A	1W-C	1W-A	1W-C	DIR-APP	DIR-APP	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE
37.0 EB WB	King Creek - 1/4 mi west of Mineral Rd	14	12			4		14	12			2	2		
EB WB	East King Creek - 1/4 mi east of Mineral Rd	14	12			4		14	12			2	2		
EB WB	Lawson Creek - 1/2 mi east of 300E Rd	14	12			4		14	12			4	4		
39.74 EB WB	Coal Creek - 0.8 mi east of 300E Rd	8	10			4		8	10			4	4		
EB WB	Feeder Creek - 1 mi west of L 40	12	10			2		12	10			2	2		
44.0 EB WB	Hennepin Canal - 0.9 mi west of IL 40	12	8			2		12	8			4	4		
44.9	IL 40 over I-80		12			4			12				6		
50.36 EB WB	Maple Grove Creek - 0.3 mi east of 1400E Rd	12	12			4		12	12			2	2		
50.75 EB WB	West Bureau Creek - 3/4 mi east of 1400E Rd	12	18			4		12	18			8	8		
EB WB	Unname Creek - 0.3 mi west of Backbone Rd	12	18			4		12	18			8	8		
56.47	IL 26 over I-80				14		2				14				6
58.35 EB WB	RR/US 34 - east of IL 26			36	80		3			36	80			8	8
61.0 NB SB	I-180 over I-80	6	6			4		6	6			8	8		
62.2 EB WB	East Bureau Creek - 1/4 mi west of 2600E Rd	18	26			4		18	26			4	4		
65.6 EB WB	Brush Creek - west of 2900E Rd	18	26			4		18	26			10	10		
68.3 EB WB	Negro Creek - 200 ft east of 3100E Rd	18	38			4		18	38			8	8		
70.1	IL 89 over I-80				16		4				16				6
71.75 EB WB	Spring Creek - 1.7 mi east of IL 89			16	38		3			16	38			4	4
72.0 EB WB	IL Railnet			16	8		3			16	8			5	5
73.5 NB SB	Plank Rd over I-80				14		4				14			4	4
SUBTOTALS		170	220	68	170	52	19	170	220	68	170	66	72	21	33
TOTALS		390		238		52	19	390		238		138		54	

NOTES:
 GUARDRAIL REFLECTORS AND LINEAR DELINEATOR PANELS 4"SPACING; 80 FEET CENTER TO CENTER.
 MINIMUM 3 REFLECTORS PER RUN. INSTALL LINEAR DELINEATOR BETWEEN GUARDRAIL REFLECTORS.
 BARRIER WALL LINEAR DELINEATOR 6" SPACING;80FT CENTER TO CENTER, MINIMUM 2 FOR STRUCTURE LESS THAN 100", 3 FOR STRUCTURES 100 FEET TO 200 FT.

**SCHEDULE - CURB REFLECTORS
I-80 BUREAU COUNTY**

LOCATION	NORTH MEDIAN (NORTH OF RAMPS)			CENTER MEDIAN (BETWEEN RAMPS)			SOUTH MEDIAN (SOUTH OF RAMPS)			ISLANDS TOP OF RAMPS	
	REFLECTORS			REFLECTORS			REFLECTORS			REFLECTORS	
	MEDIAN	YELLOW		MEDIAN	YELLOW		MEDIAN	YELLOW		WHITE	
LENGTH	RURAL	URBAN	LENGTH	RURAL	URBAN	LENGTH	RURAL	URBAN	RURAL	URBAN	
ISLANDS AT TOP OF RAMPS AT IL 40										16	
IL 26 OVER I-80	425		28	880		76	180		18		
ISLANDS AT TOP OF RAMPS AT IL 26											26
IL 89 OVER I-80	80/530/194		73	1115		91	550		44		
ISLANDS AT TOP OF RAMPS AT IL 89											15
ISLANDS AT INTERSECTION OF US 6 & IL 89											28
CONCRETE MEDIAN SOUTH OF INTERSECTION OF US 6 & IL 89				420		32					
PLANK RD. OVER I-80											
ISLANDS AT TOP OF RAMPS AT PLANK RD.											16
SUBTOTAL			101			199			62	16	85
TOTAL			RURAL = 16						URBAN = 447		

NOTE: MEDIAN MEASUREMENT TAKEN ALONG CENTERLINE OF MEDIAN

SCHEDULE I-80 LASALLE COUNTY

LOCATION		GUARDRAIL AT STRUCTURES										BARRIER WALL			
		GUARDRAIL REFLECTORS TYPE A				TERMINAL MARKERS		LINEAR DELINEATOR PANELS 4"				LINEAR DELINEATOR PANELS 6"			
		RURAL		URBAN		RURAL	URBAN	RURAL		URBAN		RURAL		URBAN	
M.M.	LOCATION	1W-A	1W-C	1W-A	1W-C	DIR-APP	DIR-APP	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
Exit 75	IL 251 over I-80			16	32		2				32			6	6
75.8 EB WB	Raccuglia Dr			12	32		3			16	32			4	4
75.9 EB WB	Charter St			12	38		3			12	38			GR	GR
Exit 77	IL 351 over I-80				16		4				16				6
76.8 EB WB	Little Vermillion River - east of IL 351			12	32		4			12	32			10	10
80.2 EB WB	Pecumsaugan Creek - west of IL 178			12	18		4			12	18			4	4
Exit 81	IL 178 over I-80				12		2				12				4
Exit 90	IL 23 over I-80				6		2				6				6
92.35 EB WB	RR / Fox River - east of IL 23			16	40		4			16	40			28	28
93.2 EB WB	IL 71 over I-80				14		2				14				6
	Non Interstate														
Exit 97	Marseilles Interchange		12			4			12				4		
CH 15	Marseilles River Bridge		42						42						
SUBTOTALS			54	68	240	4	30			68	240		4	52	74
TOTALS			54		308	4	30	54			308		4		126

NOTES:
 GUARDRAIL REFLECTORS AND LINEAR DELINEATOR PANELS 4"SPACING; 80 FEET CENTER TO CENTER.
 MINIMUM 3 REFLECTORS PER RUN. INSTALL LINEAR DELINEATOR BETWEEN GUARDRAIL REFLECTORS.
 BARRIER WALL LINEAR DELINEATOR 6" SPACING;80FT CENTER TO CENTER, MINIMUM 2 FOR STRUCTURE LESS THAN 100", 3 FOR STRUCTURES 100 FEET TO 200 FT.

**SCHEDULE - CURB REFLECTORS
I-80 LASALLE COUNTY**

LOCATION	NORTH MEDIAN (NORTH OF RAMPS)			CENTER MEDIAN (BETWEEN RAMPS)			SOUTH MEDIAN (SOUTH OF RAMPS)			ISLANDS TOP OF RAMPS	
	MEDIAN LENGTH	REFLECTORS YELLOW		MEDIAN LENGTH	REFLECTORS YELLOW		MEDIAN LENGTH	REFLECTORS YELLOW		REFLECTORS WHITE	
		RURAL	URBAN		RURAL	URBAN		RURAL	URBAN	RURAL	URBAN
IL 251 OVER I-80	290		21	1000	54	9	50				
IL 351 OVER I-80	490		29	400	20	71	1355				
ISLANDS AT TOP OF RAMPS AT IL 351											16
IL 178 OVER I-80	180/230/580		79	740	69	40	570				
ISLANDS AT TOP OF RAMPS AT IL 178											16
IL 23 OVER I-80	620		53	640	60	55	730				
ISLANDS AT TOP OF RAMPS AT IL 23											16
IL 71 OVER I-80	150		16	1250	90	18	190				
ISLANDS AT TOP OF RAMPS AT IL 71											16
MARSEILLES RD OVER I-80	560	26		720	67		490	39			
ISLANDS AT TOP OF RAMPS AT MARSEILLES RD.										20	
SUBTOTAL			26	198	67	293		39	193	20	64
TOTAL				RURAL = 152				URBAN = 748			

NOTE: MEDIAN MEASUREMENT TAKEN ALONG CENTERLINE OF MEDIAN

SCHEDULE I-80 GRUNDY COUNTY

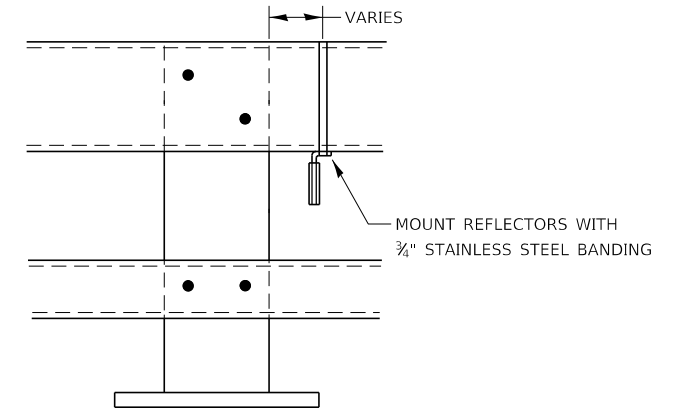
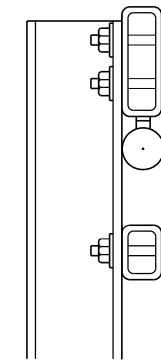
LOCATION		GUARDRAIL AT STRUCTURES								BARRIER WALL					
		GUARDRAIL REFLECTORS TYPE A				TERMINAL MARKERS		LINEAR DELINEATOR PANELS 4"				LINEAR DELINEATOR PANELS 6"			
		RURAL		URBAN		RURAL	URBAN	RURAL		URBAN		RURAL		URBAN	
M.M.	LOCATION	1W-A	1W-C	1W-A	1W-C	DIR-APP	DIR-APP	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
104.8	Seneca Rd over I-80		14			4			14				4		
109.5	Nettle Creek - 1500 ft west of Ashton Rd			16	16		8			16	16			8	8
110.7	East Fork Nettle Creek-3/4 mi west of Lisbon Rd			18	20		8			18	20			8	8
112.1	IL 47 over I-80				8		1				8				6
115.1-123.8	I-80 Center Median Wall													*	
115.7	Brisbin Rd. Interchange			18			2			18					8
115.9	Collins Run - 1/4 mi east of Brisbin Rd			10	15		3			10	15			8	8
116.5	Large Guardrail Section				10		2				10				
116.507	(3) Rivers Rest Area Guardrail Section				15		4				15				
116.6	Walley Run - 800 ft east of Brown Rd				10		2				10			2	2
119.8	Aux Sable				15		2				15			4	4
121.6	Ridge Road				20		2				20			4	4
SUBTOTALS			14	62	129	4	34		14	62	129		4	34	48
TOTALS		14		191		4	34	14		191		4		82	

NOTES:
 GUARDRAIL REFLECTORS AND LINEAR DELINEATOR PANELS 4"SPACING; 80 FEET CENTER TO CENTER.
 MINIMUM 3 REFLECTORS PER RUN. INSTALL LINEAR DELINEATOR BETWEEN GUARDRAIL REFLECTORS.
 BARRIER WALL LINEAR DELINEATOR 6" SPACING;80FT CENTER TO CENTER, MINIMUM 2 FOR STRUCTURE LESS THAN 100", 3 FOR STRUCTURES 100 FEET TO 200 FT.
 *POSSIBLE REPAIRS OF EXISTING NEEDED.

**SCHEDULE - CURB REFLECTORS
I-80 GRUNDY COUNTY**

LOCATION	NORTH MEDIAN (NORTH OF RAMPS)			CENTER MEDIAN (BETWEEN RAMPS)			SOUTH MEDIAN (SOUTH OF RAMPS)			ISLANDS	
	MEDIAN LENGTH	REFLECTORS YELLOW		MEDIAN LENGTH	REFLECTORS YELLOW		MEDIAN LENGTH	REFLECTORS YELLOW		REFLECTORS WHITE	
		RURAL	URBAN		RURAL	URBAN		RURAL	URBAN	RURAL	URBAN
SENECA RD. OVER I-80	600	28		780	73		590	42			
IL 47 OVER I-80	790		59	910		81	1020		60		
ISLANDS AT TOPS OF RAMPS AT IL 47											40
BRISBIN RD. OVER I-80	450		37	650		64	980		78		
ISLANDS AT TOPS OF RAMPS AT BRISBIN RD.											16
MINOOKA RD. UNDER I-80	160		16	470		39	100		12		
SUBTOTAL		28	112		73	184		42	150		56
TOTAL						RURAL = 143					URBAN = 502

NOTE: MEDIAN MEASUREMENT TAKEN ALONG CENTERLINE OF MEDIAN



NOTES

1. REFLECTORS SHALL MEET THE REQUIREMENTS OF ARTICLE 1097.03 OF THE STANDARD SPECIFICATIONS.
2. FURNISHING AND INSTALLING THE COMPLETE REFLECTOR UNIT WILL BE PAID AT THE CONTRACT UNIT PRICE EACH FOR GUARD RAIL MARKERS.

REFLECTOR MOUNTING
DETAIL FOR STEEL RAIL

FILE NAME =	USER NAME = woodshank1	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REFLECTOR MOUNTING DETAILS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL084EBIDINTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 3\Projects\D346511\CADDData\D346511r.dgn		DRAWN - RW	REVISED -			VAR	D3 GRDL DELIN MAIN INT 20-02	VARIOUS	7	7	
Default		CHECKED - EV	REVISED -			CONTRACT NO. 46511					
		DATE - 2/22/2019	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.