

ELECTRICAL GENERAL NOTES

- ALL VEHICLE SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- BACKPLATES SHALL BE ABS PLASTIC.
- THE CONTROLLER CABINET SHALL BE UNPAINTED ALUMINUM.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- ALL HANDHOLES SHALL BE CAST-IN-PLACE PORTLAND CEMENT CONCRETE (PER ARTICLE 814.03(b)). THE CAST IN PLACE LEGEND IN THE COVER SHALL BE "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

ROCK RIVER WATER RECLAMATION DISTRICT
P.O. BOX 7480
3333 KISHWAUKEE
ROCKFORD, IL. 61126-7480
815-387-7400

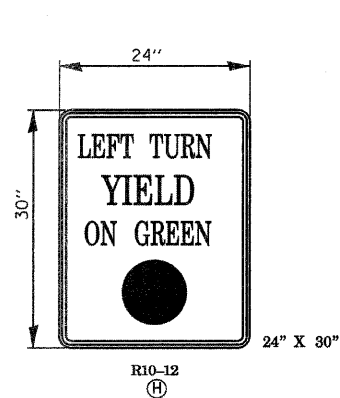
VILLAGE OF MACHESNEY PARK (WATER/SEWER)
300 MACHESNEY ROAD
MACHESNEY PARK, IL. 61115
815-877-5432

NORTH PARK PUBLIC WATER DISTRICT
1350 TURREY DRIVE
MACHESNEY PARK, IL. 61115
815-633-5461

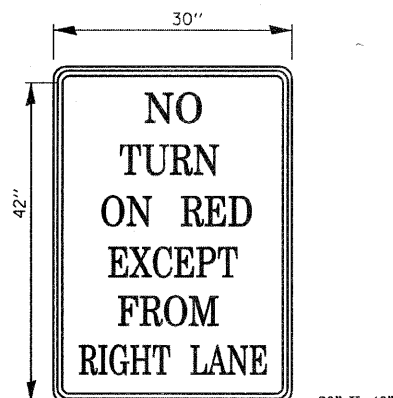
NICOR GAS CO.
1844 FERRY ROAD
NAPERVILLE, IL. 60563-9600
630-983-8676

COMMONWEALTH EDISON
123 ENERGY AVENUE
ROCKFORD, IL. 61109
815-966-2757

(MEMBERS OF J.U.L.I.E. PHONE (800)-892-0123 ARE INDICATED BY *)
NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
- LOCATE UNDERGROUND CABLES PRIOR TO ATTEMPTING TO CONSTRUCT THIS PROJECT.
- ABANDON EXISTING CONDUIT AND CABLES IN PLACE.
- THE LOCATIONS OF THE SIGNAL HEADS ON MAST ARMS SHALL BE APPROVED BY THE ENGINEER BEFORE MAST ARMS ARE INSTALLED.
- TRAFFIC SIGNAL CONTROLLERS SHALL BE COMPATABLE WITH THE FIBER OPTIC INTERCONNECT.

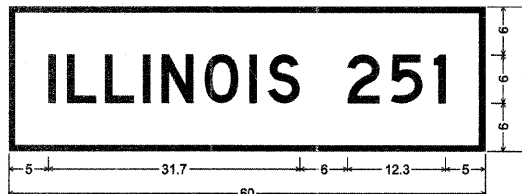


FURNISH & INSTALL FOUR (4) EACH SIGNS
MOUNT SIGNS ON THE MAST ARMS, 2'-8" FROM THE CENTER OF THE SIGN TO THE CENTER OF THE SIGNAL HEAD.
(8" SPACING BETWEEN THE EDGE OF THE SIGN AND THE EDGE OF THE SIGNAL HEAD BACK PLATE)



FURNISH & INSTALL EIGHT (8) EACH SIGNS

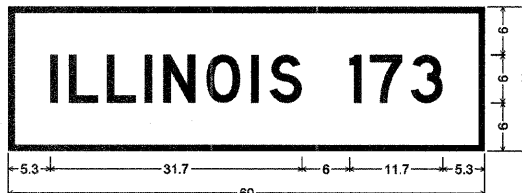
SIGN PANEL - TYPE 1



1.5" Radius, 0.8" Border, White on Green;
[ILLINOIS 251] D;
Table of letter and object lefts.

I	L	L	I	N	O	I	S	2	5	1
5.0	7.3	12.1	16.9	19.2	24.7	30.3	32.6	42.7	48.1	53.6

FURNISH & INSTALL TWO (2) EACH SIGN



1.5" Radius, 0.8" Border, White on Green;
[ILLINOIS 173] D;
Table of letter and object lefts.

I	L	L	I	N	O	I	S	1	7	3
5.3	7.8	12.4	17.2	19.5	25.0	30.6	32.9	43.0	46.5	50.7

FURNISH & INSTALL TWELVE (12) EACH SIGN

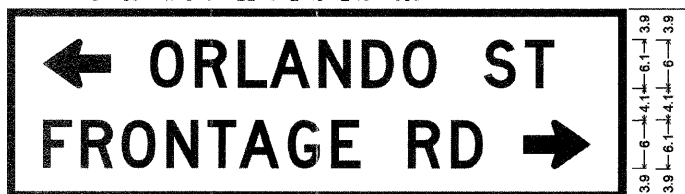
SIGN PANEL - TYPE 1 (SPECIAL)



1.5" Radius, 1.0" Border, White on Green;
[ORLANDO ST] D; Standard Arrow Custom 8.5" X 6.1" 0";
Standard Arrow Custom 8.5" X 6.1" 180"; [FRONTAGE RD] D;
Table of letter and object lefts.

O	R	L	A	N	D	S	T	→		
9.1	14.7	20.2	24.2	30.4	35.8	40.9	51.2	56.3	65.0	
←	F	R	O	N	T	A	G	E	R	D
4.5	18.0	22.8	28.0	33.6	38.7	42.8	48.9	54.4	64.0	69.4

FURNISH & INSTALL ONE (1) EACH SIGN

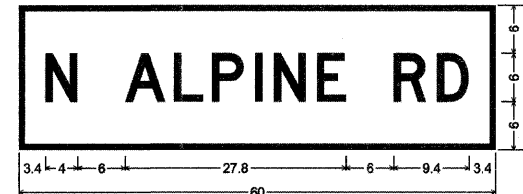


1.5" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 8.5" X 6.1" 180"; [ORLANDO ST] D; [FRONTAGE RD] D;
Standard Arrow Custom 8.5" X 6.1" 0";
Table of letter and object lefts.

←	O	R	L	A	N	D	S	T	→		
4.5	18.0	23.6	29.1	33.1	39.3	44.7	49.9	60.1	65.2		
←	F	R	O	N	T	A	G	E	R	D	→
4.5	9.3	14.5	20.1	25.2	29.3	35.4	40.9	50.5	55.9	65.0	

FURNISH & INSTALL ONE (1) EACH SIGN

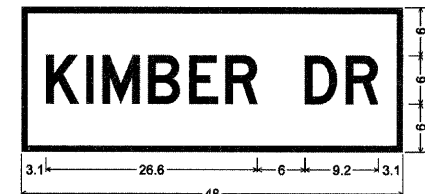
SIGN PANEL - TYPE 2 (SPECIAL)



1.5" Radius, 0.8" Border, White on Green;
[N ALPINE RD] D;
Table of letter and object lefts.

N	A	L	P	I	N	E	R	D
3.4	13.4	19.5	24.3	29.7	32.1	37.5	47.2	52.8

FURNISH & INSTALL TWO (2) EACH SIGN



1.5" Radius, 0.8" Border, White on Green;
[KIMBER DR] D 80% spacing;
Table of letter and object lefts.

K	I	M	B	E	R	D	R
3.1	8.1	10.2	16.0	21.1	25.7	35.7	40.9

FURNISH & INSTALL TWO (2) EACH SIGN

SIGN PANEL - TYPE 1 (SPECIAL)



1.5" Radius, 1.0" Border, White on Green;
[BANYAN DR] D; Standard Arrow Custom 8.5" X 6.1" 0";
Standard Arrow Custom 8.5" X 6.1" 180"; [FRONTAGE RD] D;
Table of letter and object lefts.

B	A	N	Y	A	N	D	R	→		
12.4	17.6	23.7	28.9	34.3	40.5	50.5	55.9	65.0		
←	F	R	O	N	T	A	G	E	R	D
4.5	18.0	22.8	28.0	33.6	38.7	42.8	48.9	54.4	64.0	69.4

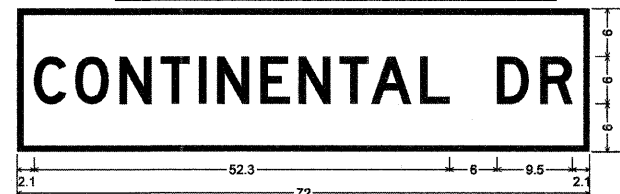
FURNISH & INSTALL ONE (1) EACH SIGN



1.5" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 8.5" X 6.1" 180"; [BANYAN DR] D; [FRONTAGE RD] D;
Standard Arrow Custom 8.5" X 6.1" 0";
Table of letter and object lefts.

←	B	A	N	Y	A	N	D	R	→		
4.5	18.0	23.2	29.3	34.5	39.9	46.1	56.1	61.5			
←	F	R	O	N	T	A	G	E	R	D	→
4.5	9.3	14.5	20.1	25.2	29.3	35.4	40.9	50.5	55.9	65.0	

FURNISH & INSTALL ONE (1) EACH SIGN
SIGN PANEL - TYPE 2 (SPECIAL)



1.5" Radius, 0.8" Border, White on Green;
[CONTINENTAL DR] D;
Table of letter and object lefts.

C	O	N	T	I	N	E	N	T	A	L	D	R
2.1	7.3	12.9	18.1	22.9	25.2	30.6	35.4	40.6	44.6	50.7	60.4	65.8

FURNISH & INSTALL TWO (2) EACH SIGN
SIGN PANEL - TYPE 1 (SPECIAL)

FILE NAME = 0264987-sht-ts-1.dgn	USER NAME = sms	DESIGNED - LDC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL GENERAL NOTES AND SIGN DETAILS			F.A.P. RTE. 303	SECTION 129K-1	COUNTY WINNEBAGO	TOTAL SHEETS 401	SHEET NO. 256
	PLOT SCALE = 1:60	DRAWN - MBB	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 64987				
	PLOT DATE = 3/15/2011	CHECKED - CHA	REVISED -		FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT							
		DATE - 3/16/11	REVISED -									