

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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CONTROLLER DETAIL

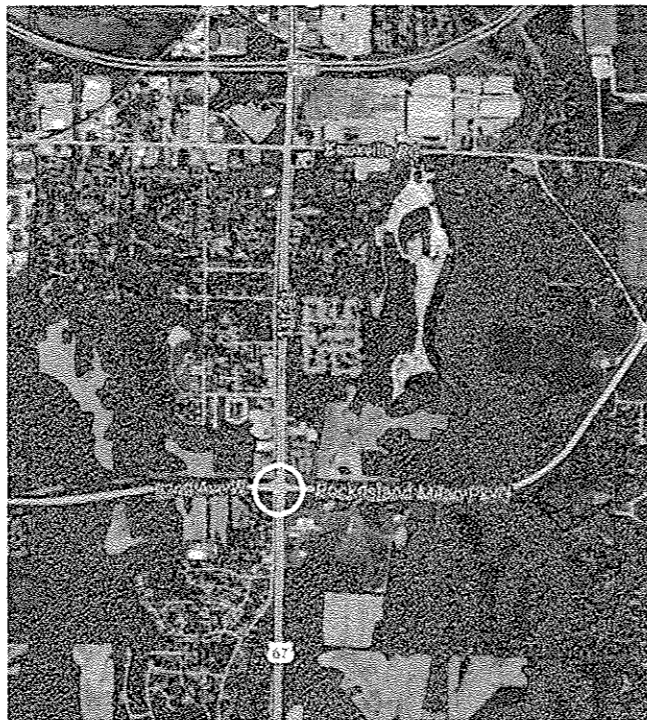
STANDARDS

- 606301-04
- 701006-05
- 701101-05
- 701411-09
- 701421-08
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- 720011-01
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- 878001-10
- 880006-01
- 000001-06
- 701601-09

DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAP 310 (US 67) FAU 5857 (IL84)
SECTION (18R, 1R)TS
PROJECT HSIP-000V(108)
SIGNAL MODERNIZATION
ROCK ISLAND COUNTY

92-112-16



US 67 @ 92ND AVE/
MILAN BELTWAY
T-17-N R-2-W

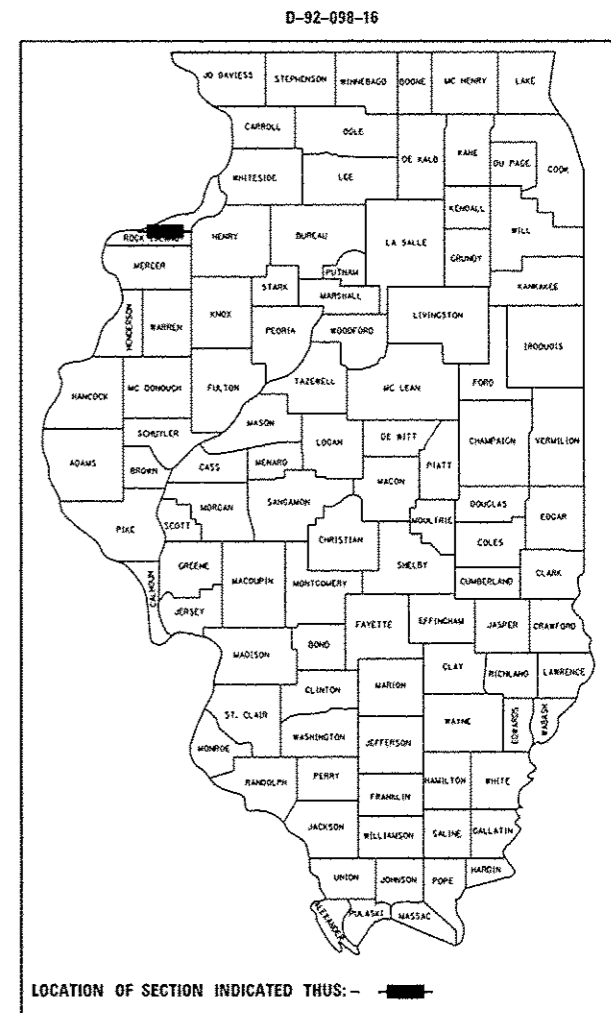


IL 84 @ COLONA RD
T-17-N R-1-E

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER SCOTT KULLERSTRAND 815-284-5468
PROJECT MANAGER KRISTINE L HILL 815-284-5476

CONTRACT NO. 64L77



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 3-10-2017
[Signature]
REGIONAL ENGINEER

May 12 2017
Nashwan M. Adooz PE, PE
ENGINEER OF DESIGN AND ENVIRONMENT

May 12 2017
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

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

BM

90% FED / 10% STATE

PAY CODE	ITEM	UNIT	0021	0021	URBAN
25000300	SEEDING CLASS 3	ACRE	US 67 @ 92nd	IL 84 @ COLONA Rd	TOTAL
			0.1	0.04	0.14
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	12	30	42
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	125	30	155
25100630	EROSION CONTROL BLANKET	SQ YD	462	3	465
67100100	MOBILIZATON	L SUM	0.75	0.25	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	0.75	0.25	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	0.75	0.25	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	0.75	0.25	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	0.75	0.25	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	13.5	5	18.5
* 72000200	SIGN PANEL - TYPE 2	SQ FT	35	0	35
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	13.5	0	13.5
* 72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	35	0	35
80500100	SERVICE INSTALLATION, TYPE A	EACH	1	0	1
81028740	UNDERGROUND CONDUIT COILABLE, NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	16	0	16
81028760	UNDERGROUND CONDUIT COILABLE, NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	173	140	313
81028790	UNDERGROUND CONDUIT COILABLE, NONMETALLIC CONDUIT, 4" DIA.	FOOT	446	0	446
81400700	HAND HOLE, PORTLAND CEMENT CONCRETE	EACH	7		7
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2040	0	2040
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1		1

* SPECIALTY ITEM

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES		F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PROJECT	DATE	DRAWN	REVISED				1188.18175	ROCK ISLAND	12	2	
SCALE	DATE	CHECKED	REVISED		SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS REG. AND PROJECT		CONTRACT NO. 64177		
DATE	DATE	DATE	DATE								

REV

PAY CODE	ITEM	UNIT	90% FED / 10% STATE		URBAN TOTAL
			0021 US 67 @ 92nd	0021 IL 84 @ COLONA Rd	
85000200	MAINTANANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	0.75	0.25	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	0	1
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE NO 6 3C	FOOT	22	0	22
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 5C	FOOT	3994	168	4162
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO 14 7C	FOOT	849	0	849
87301900	ELECTRIC CABLE IN CONDUIT, GROUND No 6 1C (GREEN)	FOOT	614	0	614
87500900	TRAFFIC SIGNAL POST, 13 FT	EACH	4	0	4
87501100	TRAFFIC SIGNAL POST, 15 FT	EACH	0	1	1
87703000	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT	EACH	4	0	4
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12	3	15
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3	0	3
87800415	CONCRETE FOUNDATION, TYPE E DIA., 36 - INCH DIAMETER	FOOT	60	0	60
87900200	DRILL EXISTING HANDHOLE	EACH	0	4	4
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	0	1	1
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8	1	9
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION BRACKET MOUNTED	EACH	4	0	4
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION MAST ARM MOUNTED	EACH	4	0	4

FILE NAME: P:\Projects\Contract 64L77\64L77.dwg	USER NAME: N.INE	DESIGNED: _____	REVISED: _____
Default	PLOT SCALE: 1/32" = 1'	CHECKED: _____	REVISED: _____
	PLOT DATE: Mar-03 2017 09:21:56 AM	DATE: _____	REVISED: _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUALITIES	
SCALE: _____	SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.U. RTE. 1151	SECTION IRR. IRTS	COUNTY BOCK ISLAND	TOTAL SHEETS 12	SHEET NO. 3
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64L77	

90% FED / 10% STATE

0021

0021

URBAN

1105 2 5 11AM

PAY CODE	ITEM	UNIT	US 67 @ 92nd	IL 84 @ COLONA Rd	TOTAL
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION BRACKET MOUNTED	EACH	4	0	4
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	12	1	13
88500500	INDUCTION LOOP DETECTOR AMPLIFIER	EACH	0	3	3
8600100	DETECTOR LOOP, TYPE I	FOOT	0	200	200
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	0	1	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	2
89502380	REMOVE EXISTING HANDHOLE	EACH	7	0	7
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2	0	2
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	9	0	9
X0322951	CABLE SPLICE SPECIAL	EACH	0	1	1
X4402810	ISLAND SURFACE REMOVAL AND REPLACEMENT	SQ FT	781	0	781
X8211125	LUMINAIRE, LED, HORIZONTAL MOUNT, SPECIAL	EACH	4	0	4
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	1	0	1
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1	0	1

14

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. =	SECTION	COUNTY	TOTAL SHEET	
Project/Contract #4177-64-77design	and plans.dgn	DRAWN -	REVISED -			RTE.	118B, 187S	BOCE ISLAND	12	4
Default	PLOT SCALE = 43.479 / 1%	CHECKED -	REVISED -			SCALE: _____				
	PLOT DATE = Mar-03-2017 09:22:04 AM	DATE -	REVISED -			SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT		

* FAP 310 IUS 671 FAU 5857 1841

REV

UTILITIES			
NAME AND ADDRESS	TYPE	TELEPHONE	TELEPHONE
MR. DAVID GREEN AT&T 2800 7TH STREET MOLINE, IL 61265	TELEPHONE	309-757-4707	JULIE MEMBER? YES CALL 800-892-0123
MR. NATE TEAGER MIDAMERICAN ENERGY COMPANY 5955 FENNO ROAD BETTENDORF, IA 52722	ELECTRIC	563-333-8706	JULIE MEMBER? YES CALL 800-892-0123
MR. MATT KOVACIC MIDAMERICAN ENERGY COMPANY 2811 - 5TH AVENUE ROCK ISLAND, IL 61201	GAS	309-793-3704	JULIE MEMBER? YES CALL 800-892-0123
MR. DENNES JARDING MEDIACOM 3900 - 26TH AVENUE MOLINE, IL 61265	CATV	309-743-4750	JULIE MEMBER? YES CALL 800-892-0123
MR STEVEN SEIVER VILLAGE OF MILAN 321 W. 2ND AVENUE MILAN, IL 61264	WATER & SEWER	309-787-8507	JULIE MEMBER? YES CALL 800-892-0123
MR. MIKE KANE CITY OF ROCK ISLAND 1309 MILL STREET ROCK ISLAND, IL 61201	WATER & SEWER	309-732-2238	JULIE MEMBER? YES CALL 800-892-0123
MR. NICK GOTTWALT VILLAGE OF CARBON CLIFF P.O. BOX 426/106 1ST AVENUE CARBON CLIFF, IL 61239	WATER & SEWER	309-792-8297	JULIE MEMBER? YES CALL 800-892-0123
MR. DAVID FERREIRA WINDSTREAM 211-B SW ADAMS STREET PEORIA, IL 61602	COMMUNICATIONS	309-282-3110	JULIE MEMBER? CALL

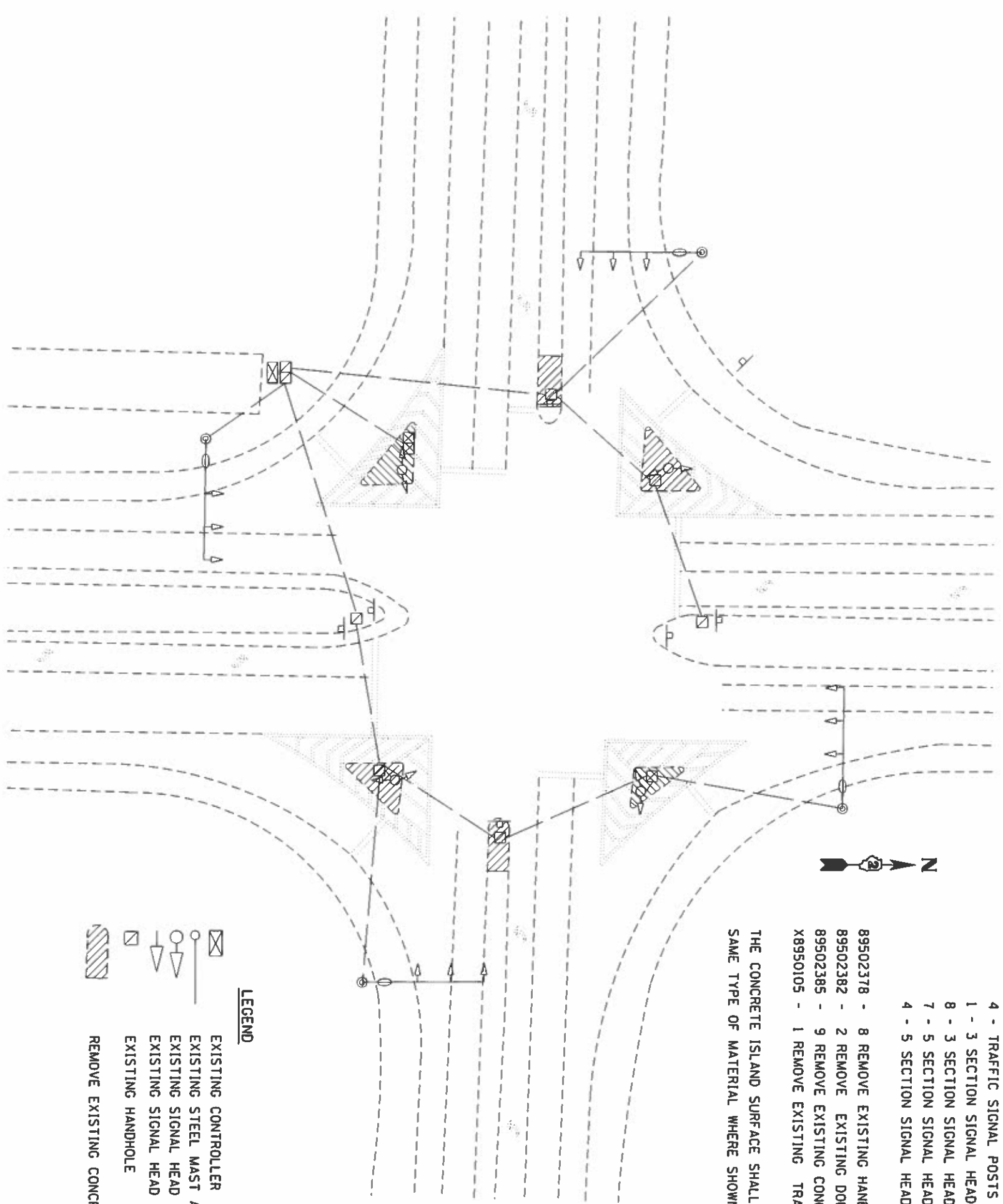
FILE NAME : P:\Projects\Convent 64.27\6.27\design	USER NAME : nini	DESIGNED : DRAWN : CHECKED : DATE :	REVISED : REVISED : REVISED : REVISED :	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE : _____	SHEET _____ OF _____ SHEETS	UTILITIES	SECTION : 1188-1815	COUNTY : ROCK ISLAND	TOTAL SHEET SHEETS NO. : 12	CONTRACT NO. : 54177
Plot DATE : No: 03/20/ 04/21/ 04	Plot SCALE : 1/8" = 1'										

89502375 - REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:

- 4 - COMBINATION MAST ARM ASSEMBLIES
- 4 - TRAFFIC SIGNAL POSTS
- 1 - 3 SECTION SIGNAL HEAD BRACKET MOUNTED
- 8 - 3 SECTION SIGNAL HEADS MAST ARM MOUNTED
- 7 - 5 SECTION SIGNAL HEADS BRACKET MOUNTED
- 4 - 5 SECTION SIGNAL HEADS MAST ARM MOUNTED

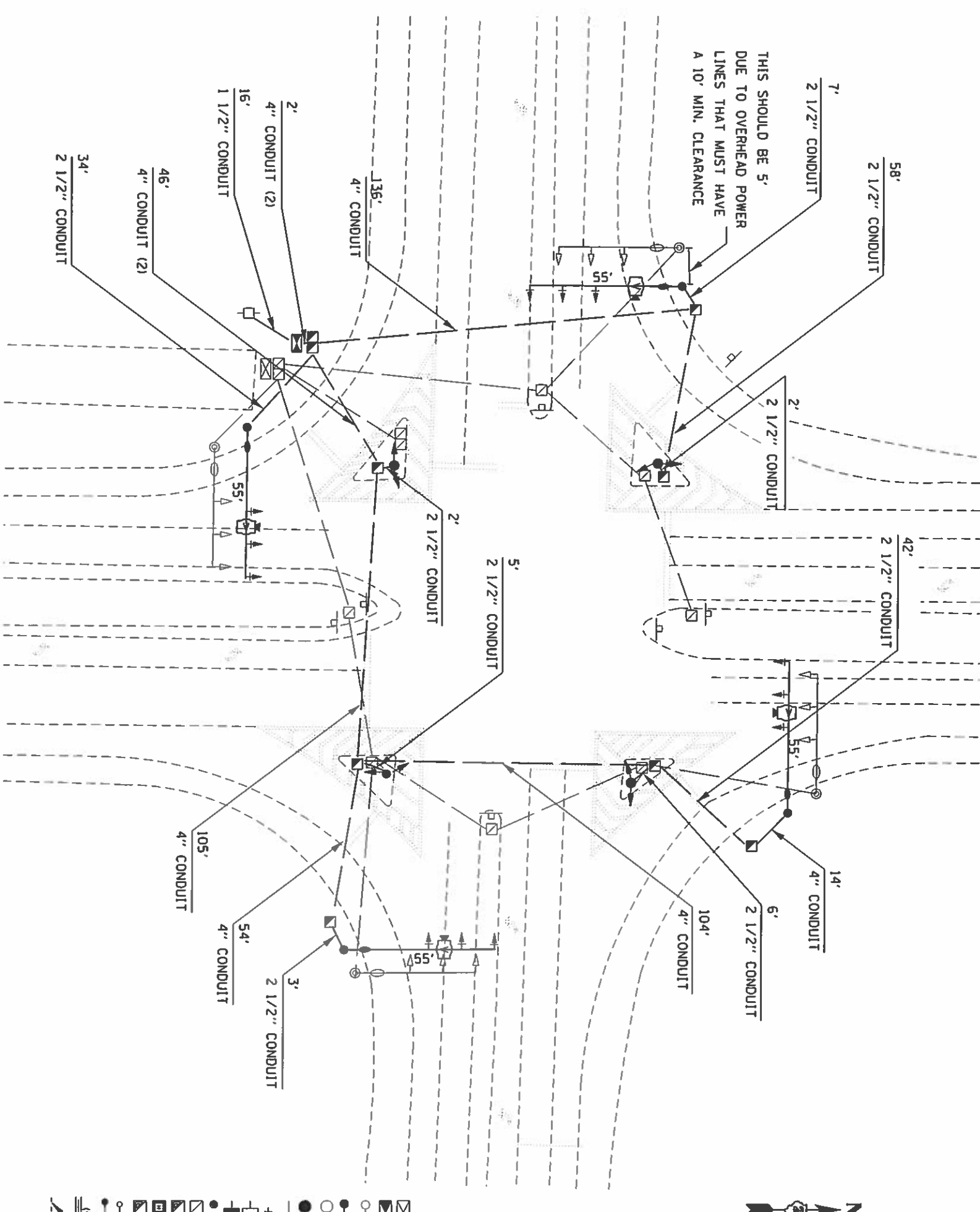
- 89502378 - 8 REMOVE EXISTING HANDHOLE
- 89502382 - 2 REMOVE EXISTING DOUBLE HANDHOLE
- 89502385 - 9 REMOVE EXISTING CONCRETE FOUNDATION
- X8950105 - 1 REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET

THE CONCRETE ISLAND SURFACE SHALL BE REMOVED AND REPLACED WITH THE SAME TYPE OF MATERIAL WHERE SHOWN ON PLANS.



- LEGEND**
- EXISTING CONTROLLER
 - EXISTING STEEL MAST ARM ASSEMBLY AND POLE
 - EXISTING SIGNAL HEAD AND POST
 - EXISTING SIGNAL HEAD
 - EXISTING HANDHOLE
 - REMOVE EXISTING CONCRETE SURFACE

FILE NAME: US 67 AT 92ND AVENUE		DESIGNED BY: DR/AM	REVISION NO.:
PROJECT: PLAN SHEET		CHECKED BY: ---	REVISION DATE: ---
SHEET: --- OF --- SHEETS		DATE: ---	REVISION DATE: ---
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 67 AT 92ND AVENUE PLAN SHEET	COUNTY: COOK	
SCALE: ---	SHEET --- OF --- SHEETS	SECTION: 18B-8115	TOTAL SHEETS: 12
TO STA. ---		CONTRACT NO.: 64A17	SHEET NO.: 5



THIS SHOULD BE 5'
DUE TO OVERHEAD POWER
LINES THAT MUST HAVE
A 10' MIN. CLEARANCE



NOTE:

KEEP AN EYE OPEN FOR ANY OBSTRUCTION TO ANY PLACEMENT OF ANY EQUIPMENT, SEVERAL CONFLICTS COULD EXIST.

THE END OF MAST ARM CAN BE 6" BEYOND SIGNAL HEAD.

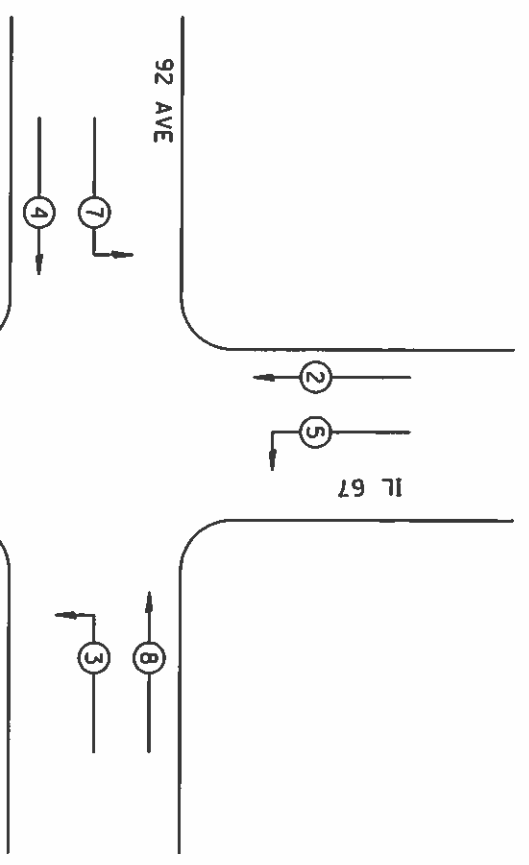
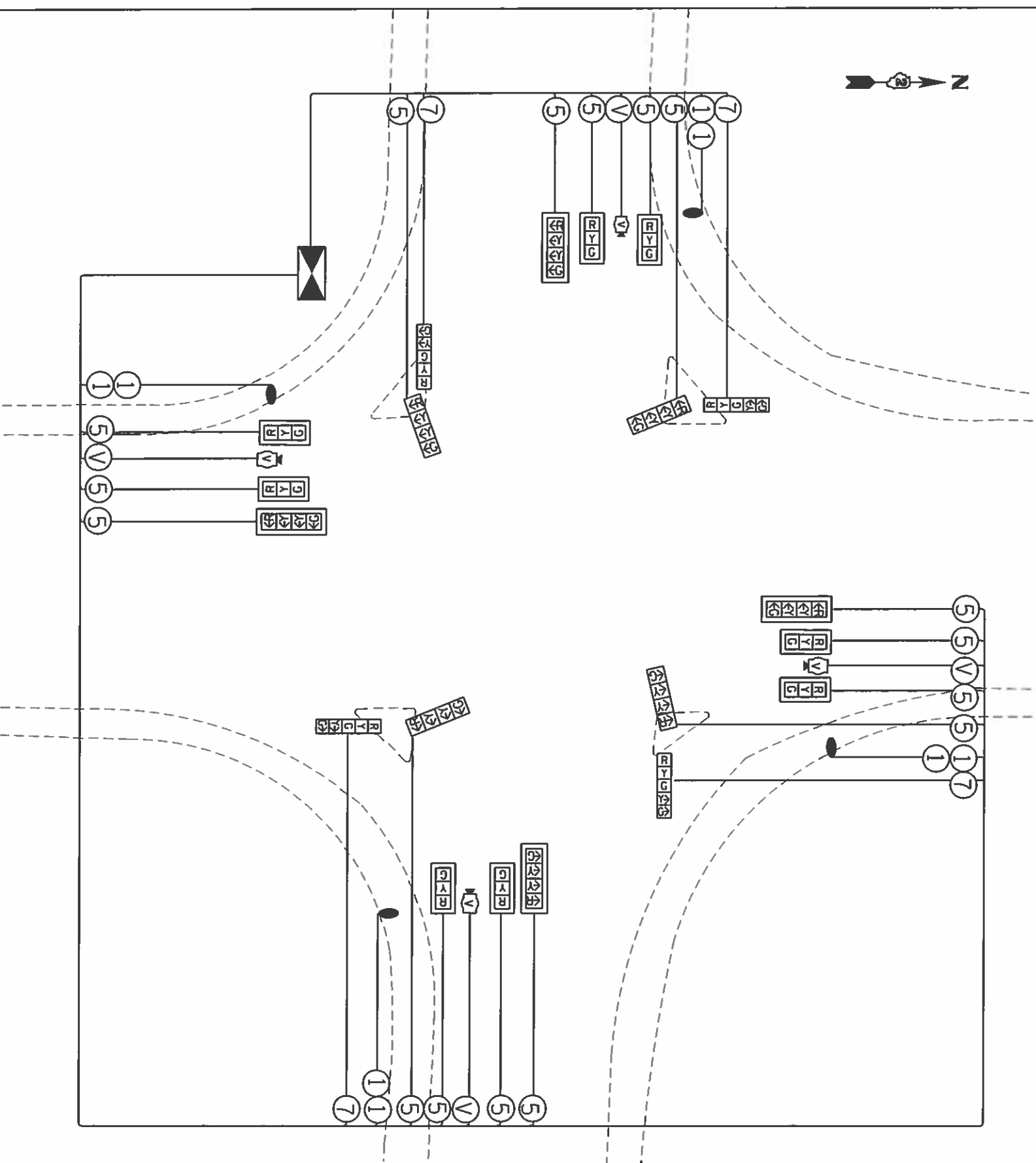
PHOTOMETRIC PERFORMANCE: THE CLASSIFICATION OF LED LUMINAIRES SHALL BE AS FOLLOWS: THE FIXTURES THAT ARE REQUIRED FOR THIS DESIGN NEED TO HAVE A MW-WATTAGES 201-300 MINIMUM DELIVERED LUMENS 20,000. AT A 45° FIXTURE MOUNTING HEIGHT AND 15' LUMINAIRE MAST ARM IN ACCORDANCE WITH STANDARD 877011-08.

LEGEND

- EXISTING CONTROLLER
- NEW CONTROLLER
- EXISTING STEEL MAST ARM ASSEMBLY AND POLE
- NEW STEEL MAST ARM ASSEMBLY AND POLE
- EXISTING SIGNAL HEAD AND POST
- NEW SIGNAL HEAD AND POST
- EXISTING SIGNAL HEAD
- NEW SIGNAL HEAD WITH BACKPLATE
- EXISTING PEDESTRIAN HEAD
- NEW PEDESTRIAN HEAD
- EXISTING PEDESTRIAN PUSHBUTTON
- EXISTING HANDHOLE
- NEW HANDHOLE
- NEW HEAVY-DUTY HANDHOLE
- EXISTING LUMINAIRE
- NEW LUMINAIRE
- EXISTING CONDUIT (LENGTH AND SIZE)
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT
- UPPER NUMERAL INDICATES LENGTH
- LOWER NUMERAL INDICATES CONDUIT SIZE

FILE NO. 641746-27	DESIGNED BY	REVISIONS	DATE
PROJECT NO. 641746-27	DRAWN BY	CHECKED BY	
DATE 11/11/11			
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
US 67 AT 92ND AVENUE		SECTION	
PLAN SHEET		COUNTY	
SCALE 1"=40'	SHEET 07	OF 12 SHEETS	TOTAL SHEETS 12
PROJECT NO. 641746-27		CONTRACT NO. 641746-27	

PHASE DESIGNATION DIAGRAM

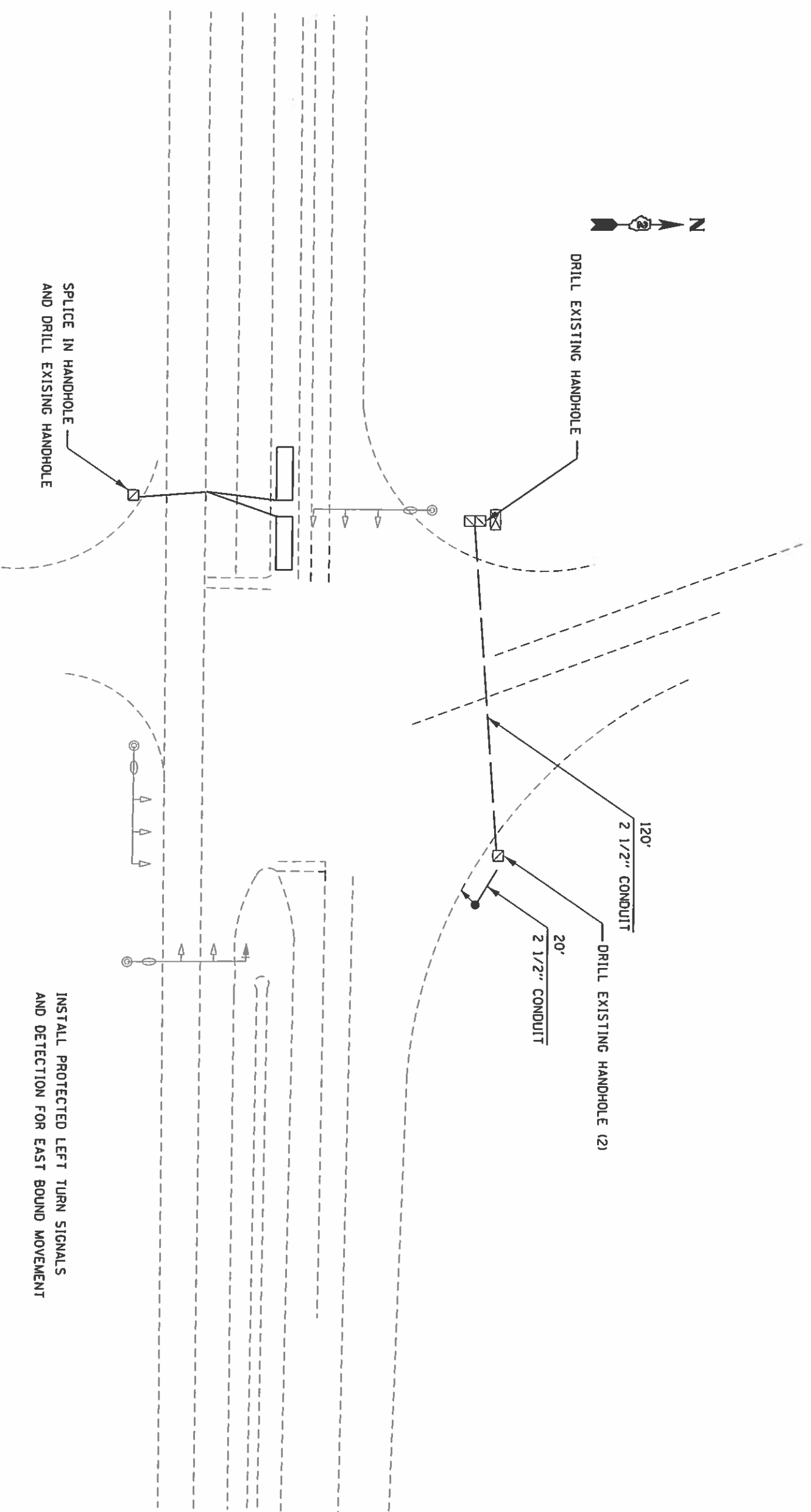


REFER TO STANDARD 857001

LEGEND

- ② INDICATES NUMBER OF NEW CONDUCTORS. ALL CABLE IS NO. 14 EXCEPT AS INDICATED. "P" INDICATES PAIR CABLE
- NEW SIGNAL HEAD WITH OR WITHOUT BACKPLATE
- LUMINAIRE, 250 WATT
- VIDEO VEHICLE DETECTION SYSTEM

FILE NO. 1	DESIGNED	REVISION	STATE OF ILLINOIS	SCALE	SHEET	SECTION	COUNTY	TOTAL SHEETS
DESIGNED BY: [Name]	DATE: [Date]	REVISION NO. [Number]	DEPARTMENT OF TRANSPORTATION	SCALE: [Scale]	OF [Number] SHEETS	US 67 AT 92ND AVENUE	ROCK ISLAND	12
DATE: [Date]	CHECKED BY: [Name]	REVISION DATE: [Date]				PLAN SHEET	CONTRACT NO. 64L77	8



INSTALL PROTECTED LEFT TURN SIGNALS
AND DETECTION FOR EAST BOUND MOVEMENT

SPLICE IN HANDHOLE
AND DRILL EXISTING HANDHOLE

DRILL EXISTING HANDHOLE



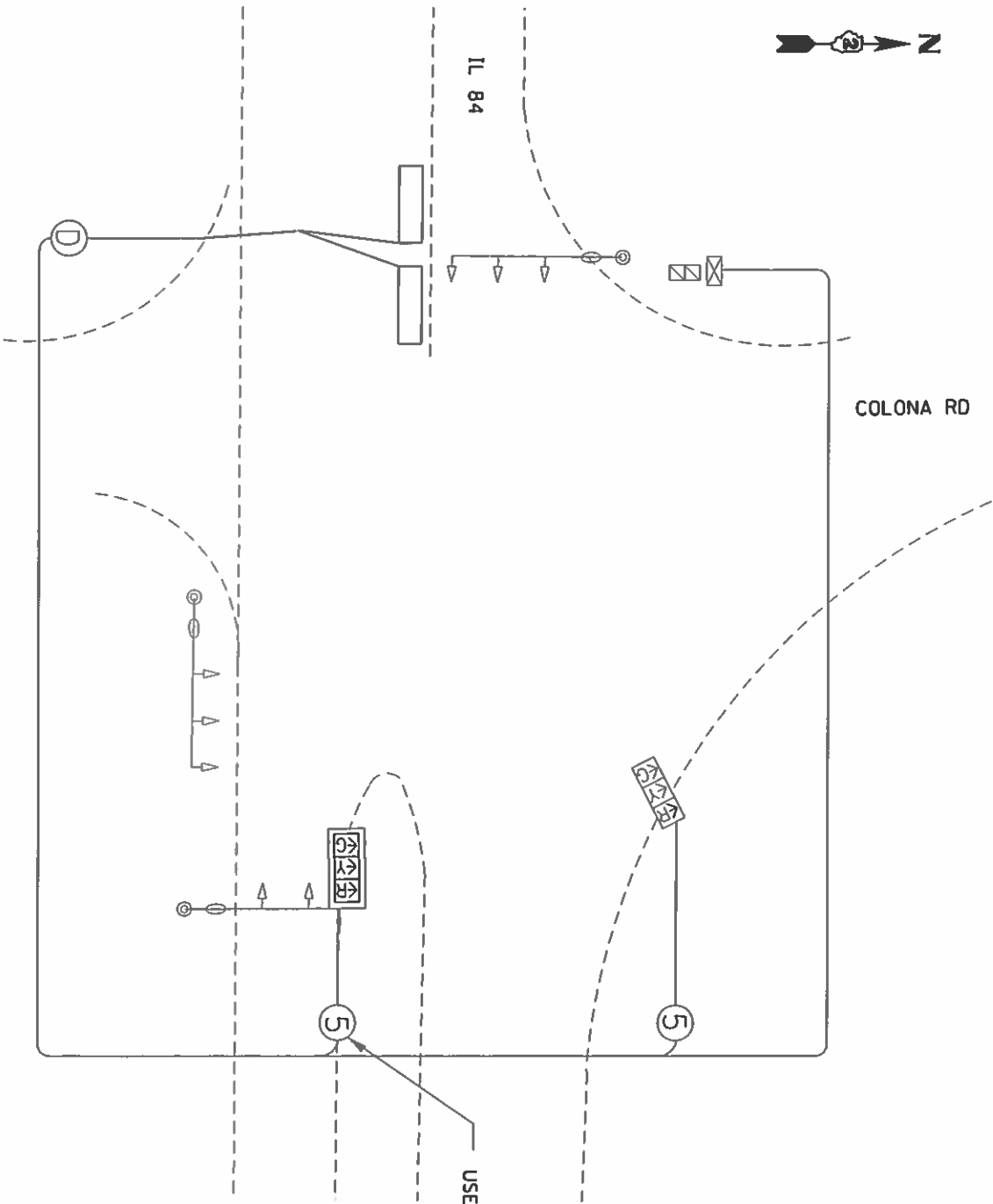
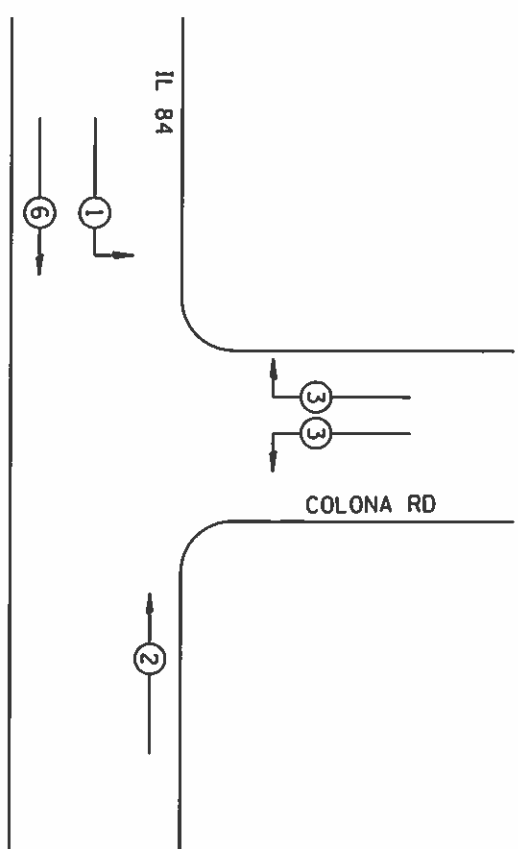
120'
2 1/2" CONDUIT

20'
2 1/2" CONDUIT

DRILL EXISTING HANDHOLE (2)

FILE NO. •		DESIGNED •		REVISED •		STATE OF ILLINOIS		SHEET		SECTION		COUNTY		TOTAL SHEETS	
PROJECT •		DRAWN •		REVISED •		DEPARTMENT OF TRANSPORTATION		OF		LIBR. 8115		ROCK ISLAND		12	
DATE •		CHECKED •		REVISED •		SCALE		SHEETS		STATION		CONTRACT NO.		9	
PLOT DATE •		DATE		REVISED		IL 84 AT COLONA RD		TO STA.		[BLANKS] (DO NOT PRINT)		54.17			
PLOT SCALE •		DATE		REVISED		PLAN SHEET									
PLOT DATE •		DATE		REVISED		SCALE									

PHASE DESIGNATION DIAGRAM



NUMBER REFERS TO ASSOCIATED PHASE

REFER TO STANDARD 857001

LEGEND

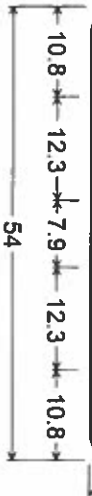
- ② INDICATES NUMBER OF NEW CONDUCTORS. ALL CABLE IS NO. 14 EXCEPT AS INDICATED. "D" INDICATES DETECTION.
- NEW SIGNAL HEAD WITH OR WITHOUT BACKPLATE
- LOOP VEHICLE DETECTION TYPE 1

PLANNED BY M. J. ...	DESIGNED BY ...	REVISIONS ...	DATE ...
CHECKED BY ...	DATE ...	REVISIONS ...	DATE ...
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
SCALE ...	SHEET ...	OF ...	SHEETS ...
IL 84 AT COLONA RD PLAN SHEET			
SECTION ...	COUNTY ...	TOTAL SHEETS ...	SHEET NO. ...
ILLINOIS TRAIL AND PRODUCT CONTRACT NO. 64L17			



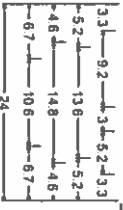
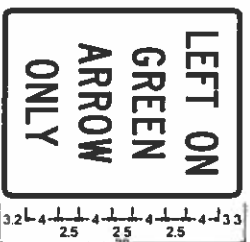
3.00" Radius, 1.00" Border, White on Green.
 Standard Arrow Custom 10.00" X 6.13" 180°. [Milan Beltway] C 2K;
 [92nd Ave W] C 2K; Standard Arrow Custom 10.00" X 6.13" 0°;
 Table of letter and object lefts.

Letter	Object	Left	Right
←	M	22.13	30.38
←	i	26.13	32.25
←	n	32.25	36.75
←	5.63	22.13	26.13
←	B	47.38	52.13
←	e	52.13	56.63
←	i	56.63	58.25
←	l	58.25	61.00
←	w	61.00	68.00
←	y	68.00	72.00
←	9	7.53	12.38
←	2	12.38	17.38
←	n	17.38	21.88
←	d	21.88	32.50
←	A	32.50	37.25
←	v	37.25	42.00
←	e	42.00	52.50
←	w	52.50	64.38



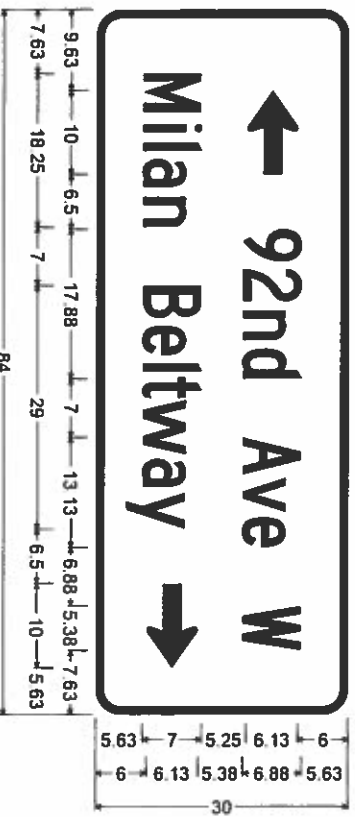
3.0" Radius, 1.0" Border, White on Green;
 [US 67] D 2K;
 Table of letter and object lefts.

Letter	Object	Left	Right
U	S	6	7
U	10.8	17.5	31.0
U	6	31.0	37.8



R10-5-24x30:
 1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
 [LEFT ON] C 2K specified length;
 [GREEN] C 2K specified length;
 [ARROW] C 2K specified length;
 [ONLY] C 2K specified length;
 Table of distances between letter and object lefts.

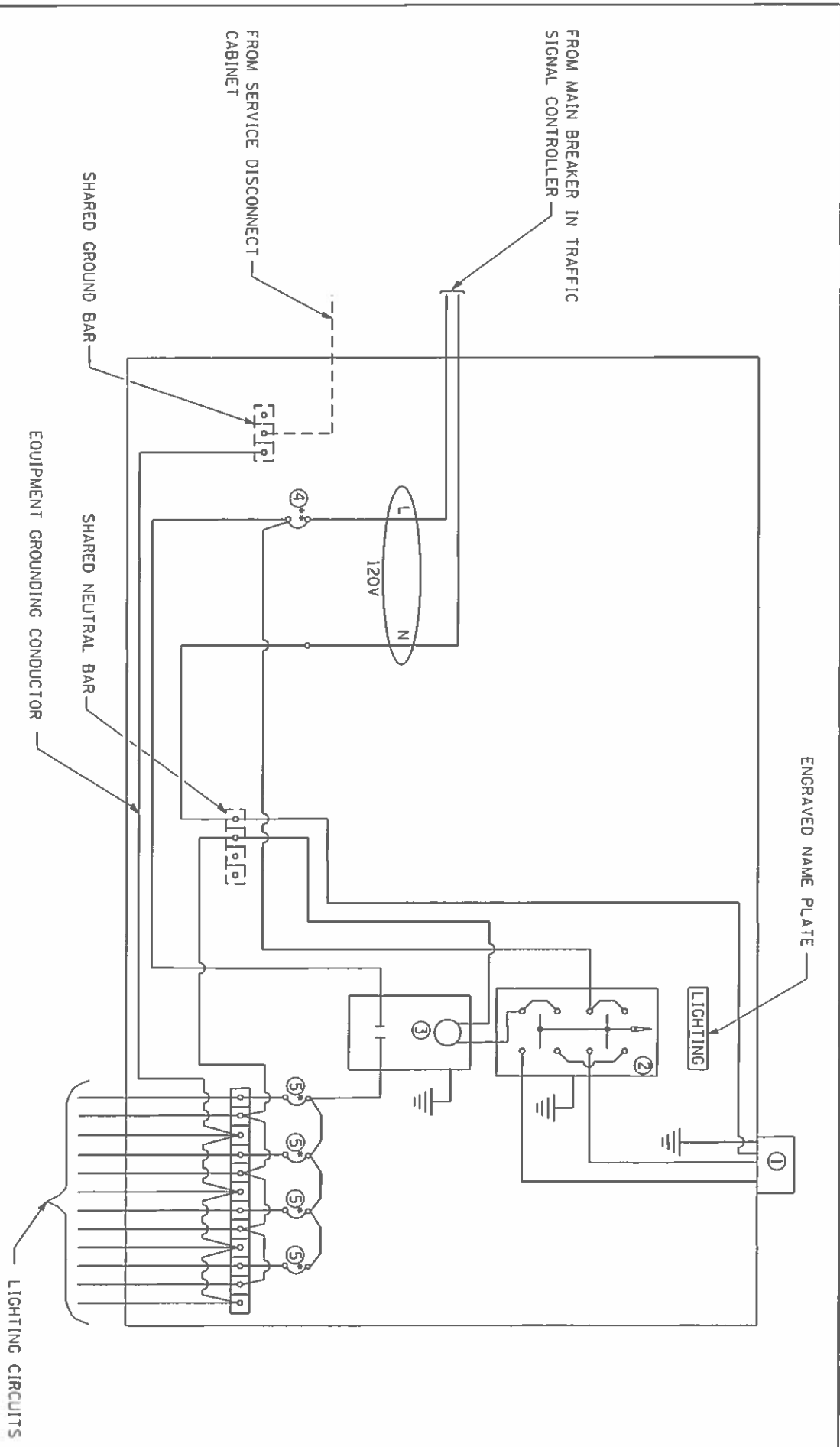
Letter	Object	Left	Right
L	E	1	0
L	F	1	0
L	T	1	0
L	O	1	0
L	N	1	0
L	3.1	2.4	2.6
L	2.6	2.2	5.0
L	5.0	3.0	2.2
L	3.3	3.3	3.3
G	R	2.9	2.7
G	E	2.9	2.7
G	E	2.9	2.7
G	5.2	3.0	2.9
G	2.9	2.7	2.3
G	2.3	2.5	5.2
A	R	3.0	2.8
A	R	3.0	2.8
A	R	3.0	2.8
A	4.8	3.1	3.0
A	2.8	2.8	3.1
A	3.1	4.8	4.8
O	N	2.9	2.9
O	L	2.9	2.9
O	Y	2.9	2.9
O	6.7	2.9	2.9
O	2.9	2.3	2.5
O	2.5	6.7	6.7



3.00" Radius, 1.00" Border, White on Green.
 Standard Arrow Custom 10.00" X 6.13" 180°. [92nd Ave W] C 2K;
 [Milan Beltway] C 2K; Standard Arrow Custom 10.00" X 6.13" 0°;
 Table of letter and object lefts.

Letter	Object	Left	Right
←	9	26.13	30.88
←	2	30.88	35.88
←	n	35.88	40.38
←	d	40.38	51.00
←	A	51.00	55.88
←	v	55.88	60.50
←	e	60.50	71.13
←	9.63	26.13	30.88
←	i	30.88	35.88
←	n	35.88	40.38
←	B	40.38	37.63
←	e	37.63	42.13
←	i	42.13	43.75
←	l	43.75	46.50
←	w	46.50	53.50
←	y	53.50	57.63
←	7.63	13.63	15.88
←	15.88	17.75	22.25
←	22.25	32.88	37.63
←	32.88	42.13	43.75
←	43.75	46.50	53.50
←	53.50	57.63	68.38

FILE NAME: P:\Projects\Convert\64379\64379.dwg	USER: hewitt	DESIGNED: [blank]	REVISION: [blank]
PLT SCALE: 1/8" = 1'-0"	DATE: [blank]	CHECKED: [blank]	REVISION: [blank]
PLT DATE: [blank]	DATE: [blank]	REVISION: [blank]	REVISION: [blank]
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
SCALE: [blank]	SHEET: [blank]	OF: [blank]	SHEETS: [blank]
FROM STA.:	TO STA.:	SIGN DETAILS	
SECTION: [blank]	COUNTY: [blank]	TOTAL SHEET NO.:	12
PROJECT: [blank]	CONTRACT NO.:	NO.:	11



COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

GENERAL NOTES

- All control installation components shall be U.L. listed.
- All wiring shall be neatly dressed, identified by tags, and supported.
- The circuit breaker shall be clearly labeled for lighting according to Article 1068.01(f) of the Standard Specifications.
- Install under eave photocell on traffic signal controller cabinet per Article 1068.01(e)(2) of the Standard Specifications.
- All lighting equipment shall be installed on a side mounted insulated subpanel per Article 1068.01(e)(9) of the Standard Specifications on the lower right hand side of the traffic signal controller or as directed by the engineer.
- Provide an engraved stainless steel nameplate on the sub panel reading "LIGHTING".

LEGEND

⊥ Ground connected to shared ground bar.

--- Indicates shared with traffic signal controller equipment.

- ① Photocell with integral surge arrester.
- ② HAND-OFF-AUTO selector switch, 30 amp, 1 pole electrically held contactor.
- ③ 20 amp, 1 pole, circuit breaker
- ④ 15 amp, 1 pole, branch breaker
- * Quantity of branch breakers shall depend on the combination lighting circuit diagram or as directed by the engineer.

** Size larger as needed.

DATE	REVISIONS
10/13/14	NEW DETAIL
01/07/17	CHANGE MAIN CB TO 20A

COMBINATION LIGHTING CONTROLLER DETAIL

SECTION	COUNT	TOTAL SHEET
FILE NO. 1185-1815	12	12
ROCK ISLAND	12	12
CONTRACT NO. 54L77		