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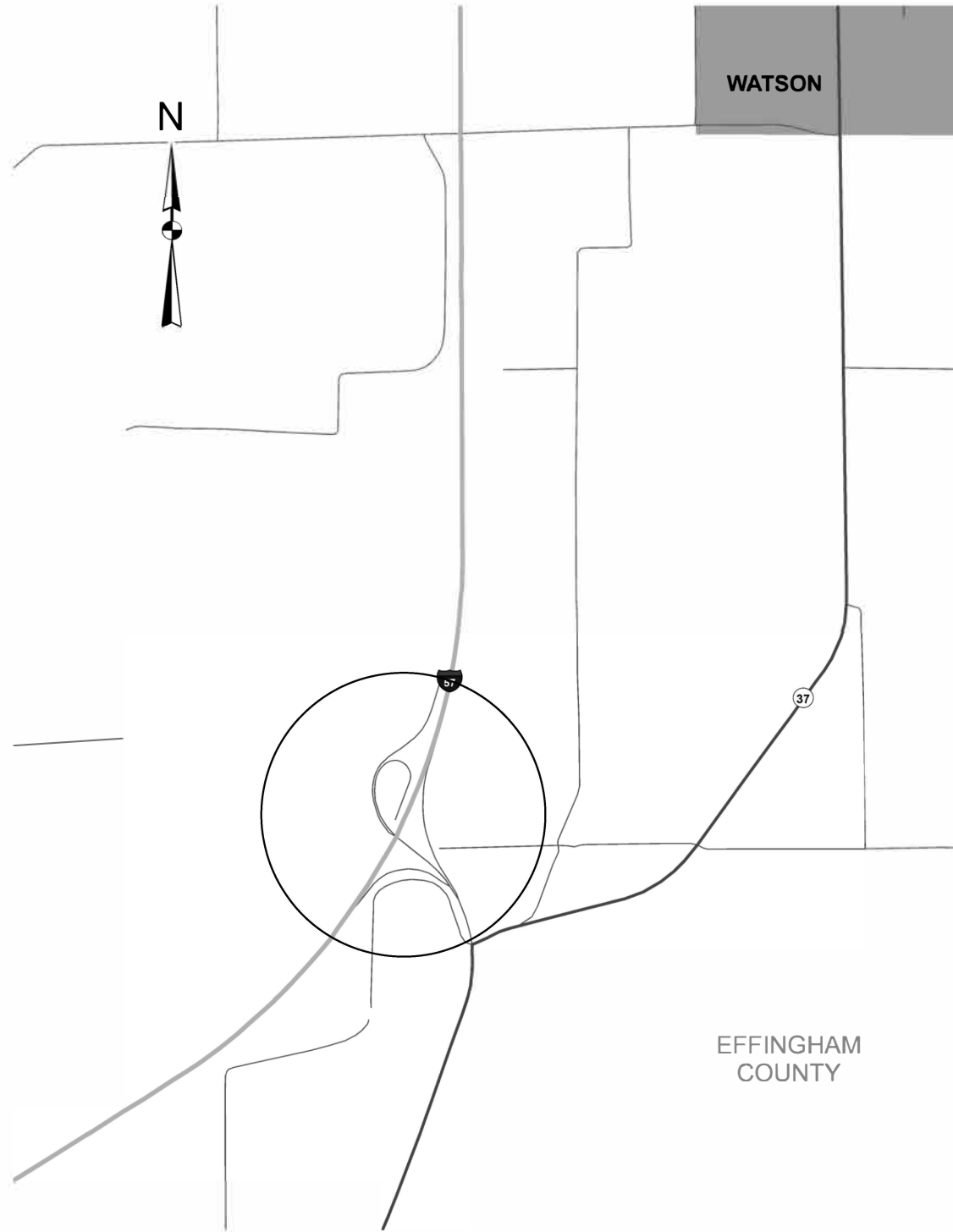
LED RETROFIT SCHEDULE						
Location No.	County	Route	Exit No.	Location Description	LED RETROFITS OUTPUT DESIGNATION H	LED RETROFITS OUTPUT DESIGNATION G
1	Effingham	I-57 (SB)	167	Southbound Green Creek Rest Area		
2	Effingham	I-57/I-70	158	South Tri-level, SW of Effingham	116	
3	Effingham	I-57	151	Watson Interchange	20	
4	Cumberland	I-70	119	Greenup Interchange	17	
5	Clark	I-70	129	Casey Interchange		
6	Clark	I-70	136	Martinsville Interchange	14	
7	Clark	I-70	154	US Route 40 Interchange		12
8	Wayne	I-64	100	Wayne City Interchange	18	
TOTAL:					188	12



REV. 6-3-2019

USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	VAR D7 HIGHWAY LIGHTING 2019-	VARIOUS	24	7
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74913									
PLOT DATE = 4/5/2019	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

LOCATION #3



DESCRIPTION OF WORK: RETROFIT 20 LIGHT POLES WITH NEW LED LUMINAIRES, OUTPUT DESIGNATION H

LOCATION #4



DESCRIPTION OF WORK: RETROFIT 17 LIGHT POLES WITH NEW LED LUMINAIRES, OUTPUT DESIGNATION H

REV. 6-3-2019

MODEL: Default
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USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 4/5/2019	DATE -	REVISED -

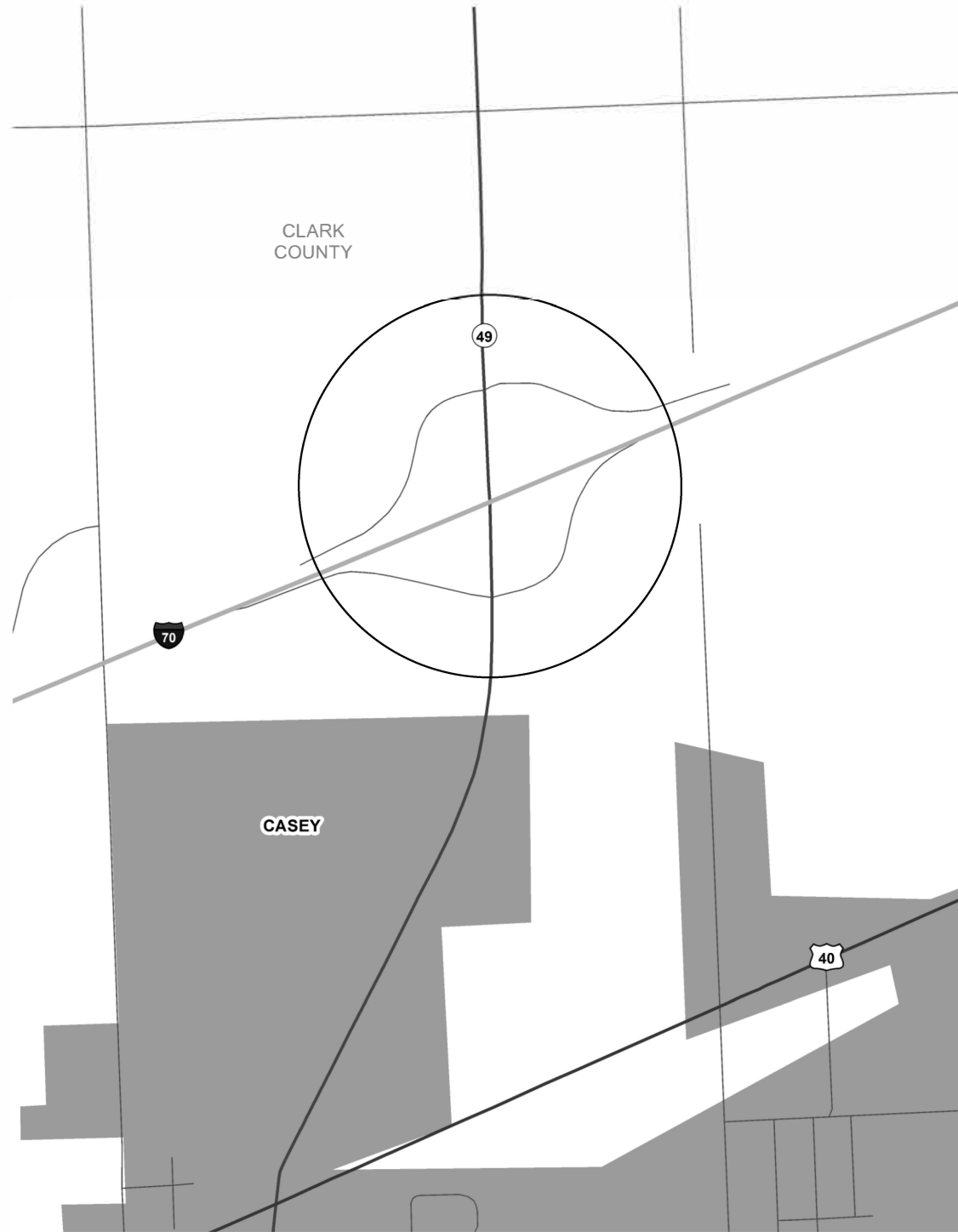
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAPS

SCALE: SHEET OF SHEETS STA. TO STA.

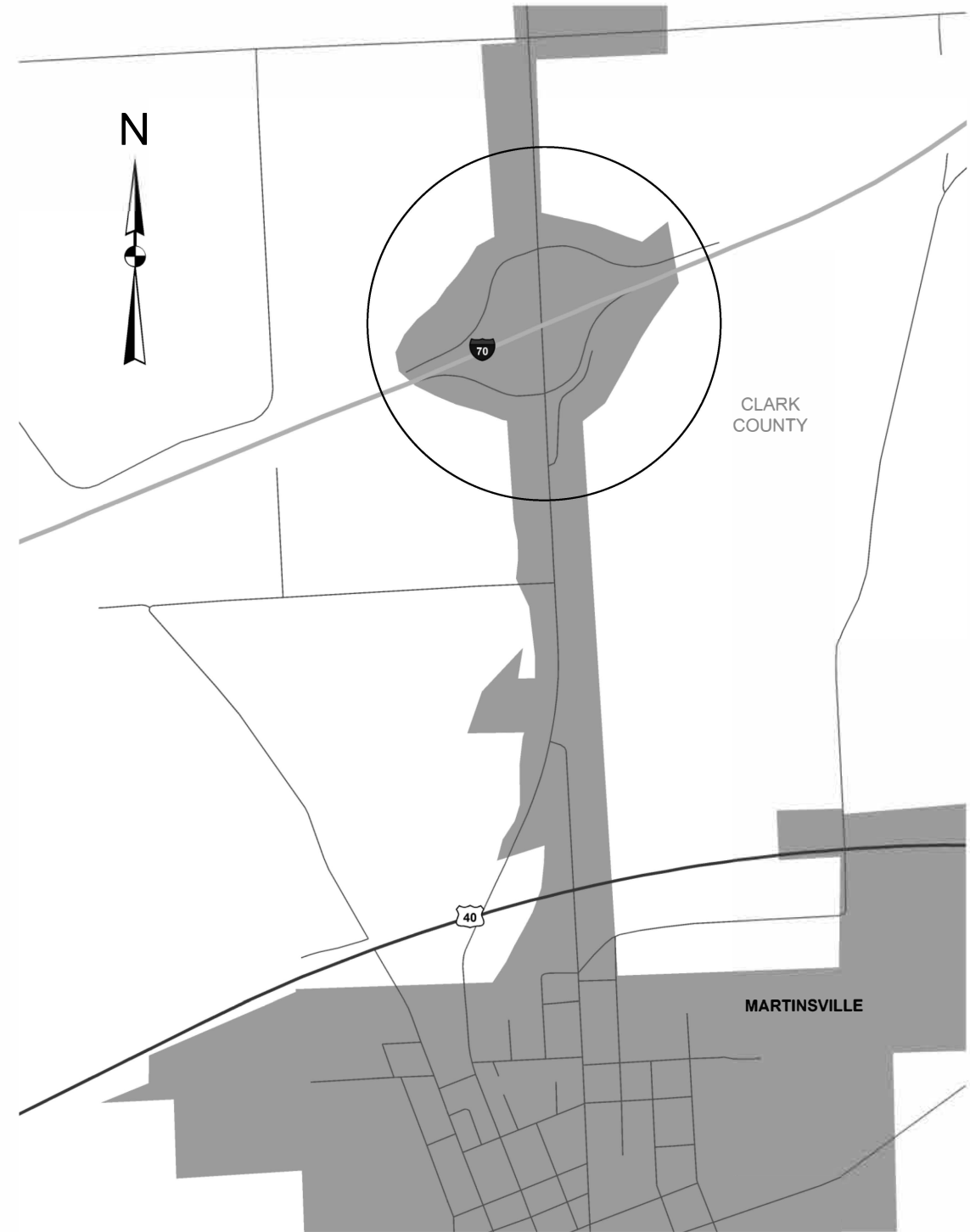
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D7HIGHWAY LIGHTING 2019-1	VARIOUS	24	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74913	

LOCATION #5



DESCRIPTION OF WORK: REMOVE FOUR 100 FT TOWERS AND REPLACE WITH 12 NEW GROUND MOUNTED LIGHT POLES, NEW WIRING, NEW CONTROLLER, NEW ELECTRIC SERVICE, REMOVE AND REPLACE SIX GROUND MOUNTED LIGHT POLES SOUTH OF INTERCHANGE

LOCATION #6



DESCRIPTION OF WORK: RETROFIT 14 LIGHT POLES WITH NEW LED LUMINAIRES, OUTPUT DESIGNATION H

△ REV. 6-3-2019

MODEL: Default
 FILE: Maps: p:\p1plancom.dct\illinois.gov\PIWDOT\Documents\DOT_offices\District 7\Project\74913\CADD\as\CAD\sheet\074913-rlc-locations.dgn

USER NAME = steffenmk	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED +
PLOT DATE = 4/5/2019	DATE -	REVISED +

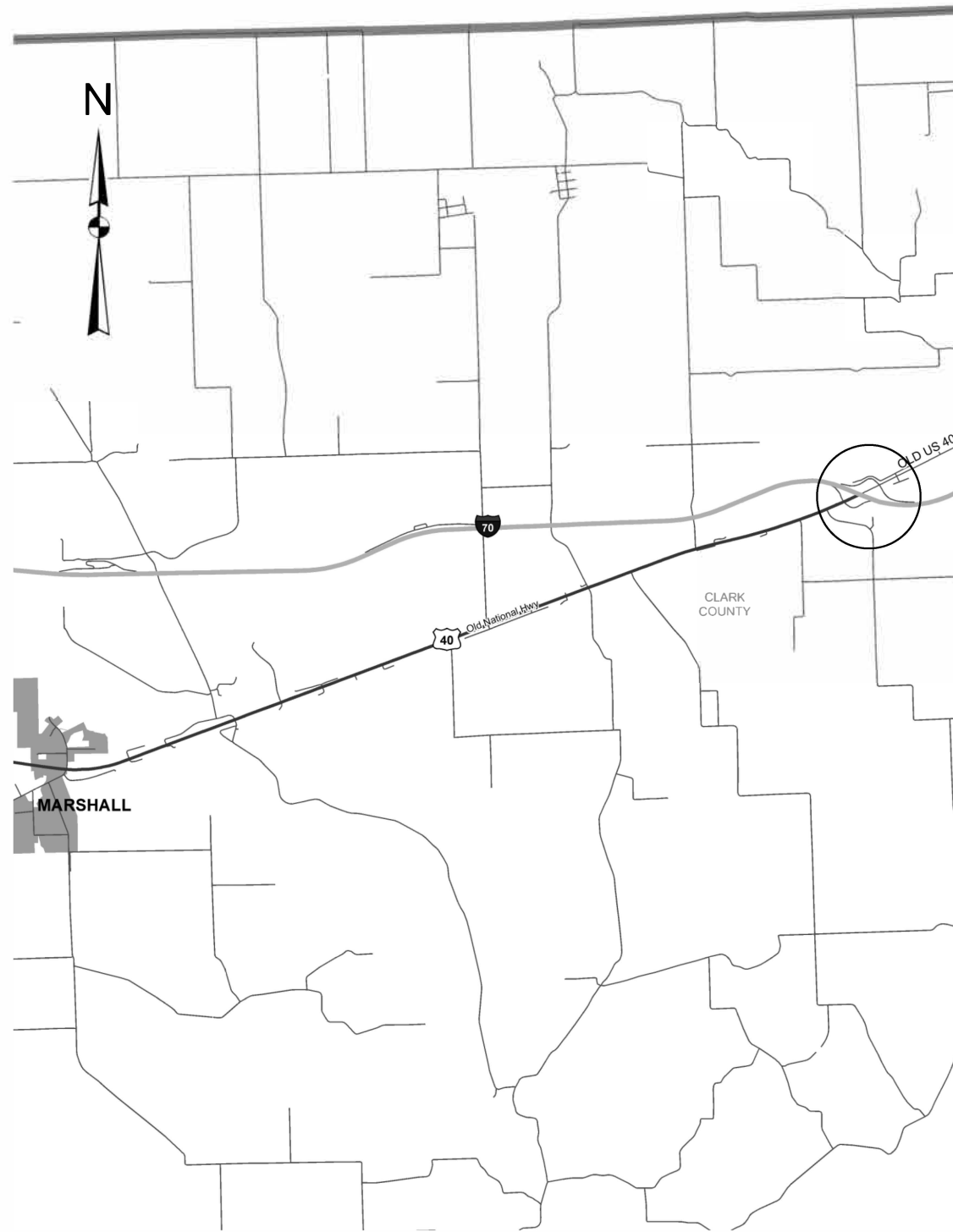
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAPS

SCALE: SHEET OF SHEETS STA. TO STA.

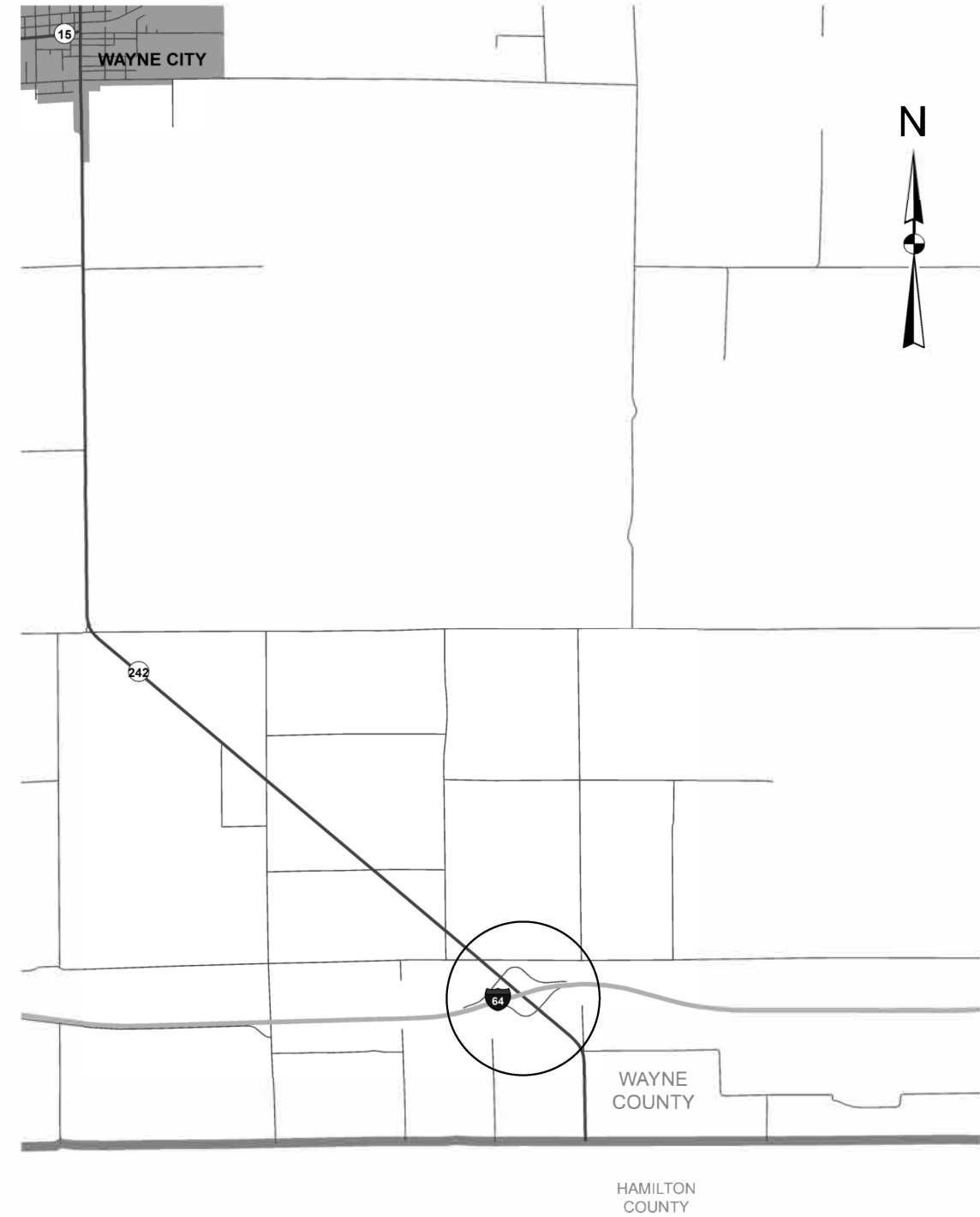
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D7HIGHWAY LIGHTING 2019-1	VARIOUS	24	10
			CONTRACT NO. 74913	
ILLINOIS FED. AID PROJECT				

LOCATION #7



DESCRIPTION OF WORK: RETROFIT 12 LIGHT POLES WITH NEW LED LUMINAIRES, OUTPUT DESIGNATION G

LOCATION #8



DESCRIPTION OF WORK: RETROFIT 18 LIGHT POLES WITH NEW LED LUMINAIRES, OUTPUT DESIGNATION H

△ REV. 6-3-2019

MODEL: Default
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USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 4/5/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAPS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D7HIGHWAY LIGHTING 2019-1	VARIOUS	24	11
			CONTRACT NO. 74913	
ILLINOIS FED. AID PROJECT				

NOTES:

1. CONTRACTOR TO EXERCISE CAUTION WHEN INSTALLING FOUNDATIONS AND LIGHT POLES TO AVOID DAMAGE TO EXISTING AERIAL POWER CABLES AND ENSURE ADEQUATE HORIZONTAL CLEARANCE FROM OVERHEAD POWER LINES.
2. INSTALL NEW UNIT DUCT IN UNDERGROUND CASING UNDER THE ROADWAY AS SHOWN ON PLANS.
3. INSTALL NEW TOWERS ON PROPOSED FOUNDATIONS.
4. REMOVE EXISTING TOWERS AND CABLE IN UNIT DUCT, BREAK DOWN FOUNDATIONS, ABANDON EXISTING CONDUIT IN PLACE.
5. CONTRACTOR SHALL AIM NEW TOWER LUMINAIRES TO MATCH EXISTING.
6. NEW TOWERS SHALL BECOME COMPLETELY OPERATIONAL THE SAME DAY EXISTING TOWERS ARE REMOVED WITHOUT INTERRUPTION TO INTERCHANGE LIGHTING.
7. CONTRACTOR SHALL INSTALL HORIZONTAL MOUNT ROADWAY LUMINAIRES ON THE LUMINAIRE RING IN A MANNER THAT ALLOWS LUMINAIRES TO BE AIMED AS NEEDED.

HIGHWAY STANDARDS

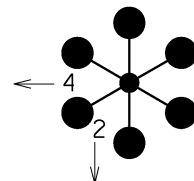
- 821101-02 LUMINAIRE WIRING IN POLE
- 825011-04 LIGHTING CONTROLLER PEDESTAL MOUNTED, 240V
- 835001-01 LIGHT TOWER
- 836001-04 LIGHT POLE FOUNDATION
- 837001-04 LIGHT TOWER FOUNDATION
- 838001-01 BREAKAWAY DEVICES

~~830021-03 LIGHT POLE STEEL TENON MOUNT~~
~~830006-05 LIGHT POLE ALUMINUM DAVIT ARM~~

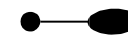
INDEX OF SHEETS

- RL-1 GENERAL NOTES, SCHEDULE OF QUANTITIES, HIGHWAY STANDARDS, LEGEND, AND INDEX OF SHEETS
- RL-2 EXISTING LIGHTING REMOVAL PLAN SB GREEN CREEK REST AREA I-57
- RL-3 EXISTING LIGHTING REMOVAL PLAN I-49/I-70 INTERCHANGE
- RL-4 EXISTING LIGHTING REMOVAL PLAN I-49/I-70 INTERCAHNGE
- RL-5 PROPOSED LIGHTING PLAN SB GREEN CREEK REST AREA I-57
- RL-6 PROPOSED LIGHTING PLAN I-49/I-70 INTERCHANGE
- RL-7 PROPOSED LIGHTING PLAN I-49/I-70 INTERCHANGE
- RL-8 WIRING DIAGRAMS
- RL-9 SB GREEN CREEK REST AREA LIGHTING CONTROLLER WIRING SCHEMATIC
- RL-10 LIGHTING PLAN NB GREEN CREEK REST AREA I-57

LEGEND



PROPOSED GALVANIZED STEEL HIGH MAST TOWER, 100' M.H. WITH LED LUMINAIRES ON 48" CONCRETE FOUNDATION. LUMINAIRE AIMING AS SHOWN WITH ARROW AND NUMBER.



PROPOSED LIGHTING UNIT, ALUMINUM, 45' M.H. ~~TENON MOUNT AT CASEY INTERCHANGE, AND ALUMINUM, 45' M.H. 15 FT DAVIT ARM AT SB GREEN CREEK REST AREA~~ LED HORIZONTAL MOUNT LUMINAIRE, BREAKAWAY COUPLINGS ON 6' METAL FOUNDATION WITH POLE SETBACK OF 30' FROM EDGE OF PAVEMENT. UNLESS OTHERWISE NOTED.



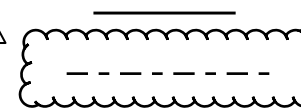
LIGHTING CONTROLLER TO BE UPGRADED.



PROPOSED PEDESTAL MOUNTED LIGHTING CONTROLLER, 240V, SINGLE PHASE.



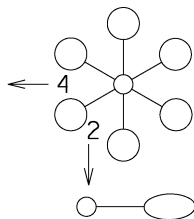
PROPOSED COILABLE NONMETALLIC CONDUIT, SIZE AND LENGTH AS NOTED.



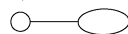
PROPOSED UNIT DUCT, SIZE AS NOTED.



PROPOSED ELECTRIC SERVICE INSTALLATION.



EXISTING HIGH MAST LIGHT TOWER, 100' M.H. WITH (6 OR 8) LUMINAIRES, TO BE REMOVED. BREAKDOWN FOUNDATION 2.5 FEET BELOW GRADE.



EXISTING LIGHTING UNIT AND FOUNDATION TO BE REMOVED.



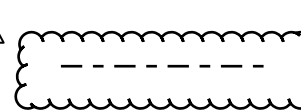
EXISTING SIGN LIGHTING LUMINAIRE TO BE REMOVED.



EXISTING LIGHTING CONTROLLER.



EXISTING CONDUIT TO BE ABANDONED IN PLACE.



EXISTING UNIT DUCT. EXISTING CABLE SHALL BE REMOVED AND CONDUIT ABANDONED IN PLACE.



EXISTING ELECTRIC SERVICE INSTALLATION.



EXISTING ROADWAY WEATHER INFORMATION SYSTEM (RWIS).

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REV. 6-3-2019

RL-1

USER NAME = steffen_rnk	DESIGNER -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, HIGHWAY STANDARDS, LEGEND, AND INDEX OF SHEETS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -						VAR	D7HIGHWAY LIGHTING 2019-1	VARIOUS	24	12
PLOT DATE = 4/5/2019	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 74913				
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								