

INDEX OF SHEETS

1. COVER SHEET
2. GENERAL NOTES, HIGHWAY STANDARDS, & COMMITMENTS
- 3-5. SUMMARY OF QUANTITIES
- 6-9. TYPICAL SECTIONS
- 10-12. SCHEDULE OF QUANTITIES
13. BENCHMARK, REMOVAL, & PROPOSED PLAN SHEET
14. MEDIAN & ISLAND DETAILS
15. PAVEMENT MARKING PLAN
- 16-21. ELECTRICAL PLAN SHEETS
22. DETAIL SHEET

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
782001-01	CURB REFLECTORS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
873001-02	TRAFFIC CONTROL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877002-04	STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH



GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA 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:

UTILITY	ABOVE GROUND	BELOW GROUND
•AMEREN ILLINOIS	X	X
•AT&T ILLINOIS	X	X
•AT&T CORPORATION	X	X
•BUCKEYE PARTNERS L.P. -- WOOD RIVER PIPELINE		X
•COMMONFIELDS OF CAHOKIA PUBLIC WATER DISTRICT		X
•ENABLE MIDSTREAM PARTNERS		X
•ILLINOIS AMERICAN WATER COMPANY		X
•LEVEL 3 COMMUNICATIONS, LLC	X	X
•VERIZON BUSINESS	X	X

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY •. NON- J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING, TOPOGRAPHY, AND QUANTITIES SHOWN IN THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
4. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	POLY SURFACE
AC/PG	SBS PG 76-22
RAP % (MAX)	SEE SPECIAL PROVISION
DESIGN AIR VOIDS	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION)	IL 9.5
FRICTION AGG	MIXTURE "D"
QUALITY MGMT PROGRAM	QC/QA

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LBS/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS)

COMMITMENTS

NONE

MODEL: Default
FILE: \\nlsr\p\1108\B&E\ID\NTEC\Illinois\gov\PIWDOT\Documents\11DOT_Offices\District 8\Projects\0876\67\CAD\data\CAD\sheet\087167-zht-generete.dgn

REV. 2-25-2019

USER NAME = humphreysb	DESIGNED -	REVISED - 02/20/19	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, HIGHWAY STANDARDS, & COMMITMENTS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -						103	29-1-N-TS-3	ST. CLAIR	22	2
PLOT DATE = 12/10/2018	DATE -	REVISED -		SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.				CONTRACT NO. 76L67				
								ILLINOIS FED. AID PROJECT				

CONSTR. CODE
 FEDERAL 80%
 STATE 20%
 TRAFFIC SIGNALS
 0021
 URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
*87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	46	46
*87900200	DRILL EXISTING HANDHOLE	EACH	11	11
*88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	8	8
*88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	2
*88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	2	2
*88200100	TRAFFIC SIGNAL BACKPLATE	EACH	8	8
*88600100	DETECTOR LOOP, TYPE I	FOOT	3343	3343
*89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2326	2326
*89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1
89502380	REMOVE EXISTING HANDHOLE	EACH	4	4
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8	8
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2467	2467
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	187	187
X4402805	ISLAND REMOVAL	SQ FT	2272	2272
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING, 5"	FOOT	5182	5182
* X7800100	PAINT PAVEMENT MARKING - RAISED MEDIAN	SQ FT	186	186
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING, 9"	FOOT	459	459
* X7800200	PAINT PAVEMENT MARKING CURB	FOOT	141	141
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1



* SPECIALTY ITEM

△ REV. 2-25-2019

REV. - MS

MODEL: Default
 FILE NAME: P:\11108\BAREID\NTEC\Illinois.gov\PIWDOT\Documents\11DOT_Offices\District 8\Projects\0876\67\CADD\data\CAD\sheet\087167-zht-500.dgn

USER NAME = humphreysb	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	29-1-N-TS-3	ST. CLAIR	22	5
CONTRACT NO. 76L67				
ILLINOIS FED. AID PROJECT				