		CONTR	RACT NO.	98631
F.A.P.	SECTION	COUNTY	TOTAL	SHEET NO.
332	31-1-2, 318	SALINE	199	6
STA.		TO STA.		
CCD DOS	D DICT NO THE	NOIS FED. ATT	PROJECT	Γ

## SUMMARY OF QUANTITIES

COORDINGS   THE RESIDENT   THE   T	·····		COUNTY:		SALINE		
Color   Hamber   115M   DESCRIPTION			LOCATION: CONSTRUCTION	ON TYPE CODE:	I000-2A	Y031-1F	X028-2A
COST   LIMINED   TIPE   DESCRIPTION   DEST   COST   DESTRUCTION   DEST						FED 80% STATE 20%	FED 80% STATE 20%
COOK MARSES TITAL PROCESSION TO THE PROCESSION T				RYRAL	ROAD	TRAFFIC	CULVERT
TROUGH   TO VIEW   PAYMENT MANUNE LITTERS AND SWOODS   SECRET   STORY   STOR	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	FOUR LANE		SN 003-2014
THE COLORS   PROPERTY MANDERS   LITTLE AND STREET   1957   1958	72000100	SIGN PANEL - TYPE 1				76	
1,000,000   1,000,000   1,000,000   1,000,000   1,00	X7800500	POLYUREA PAVEMENT MARKING - LETTERS AND SYMBOLS, SPECIAL					
TREADING   PROVINCE   MARCH   MARCH   THE PROVINCE   THE PROVINC		POLYUREA PAVEMENT MARKING TYPE II - LINE 4"					
TRESCRIPT   THE PROPERTY WAS NOT THE PROPERTY OF THE PROPERTY OF THE PROPERTY WAS NOT THE P		DOLVIDE'S DAVEMENT MARKING -WITNE 8".) SPECIAL)	FOOT	511			
STOCKED   STATE   ST	X7800550	POLYTIREA PAVEMENT MARKING - LINE 12" (SPECIAL)					
TSSONID		POLYUREA PAVEMENT MARKING + LINE 24". (SPECIAL)					
CONTROL MERCHANIS CORP.   SOC.   SO				700	700		<u> </u>
SCOTO   SCOT			EOOT	1310		1310	
		LOCATING UNDERGROUND CABLE  SERVICE INSTALLATION TYPE & (MODIFIED)		1		1	
BIOLSTON   CARDILL IN RESEAL & PURE   PURE   FOOT   10   10   10   10   10   10   10   1	81012500	CONDUIT IN TRENCH 11/6" DIA. PVC					
STORY   STOR	81013000	CONDUIT IN TRENCH, 4" DIA., PVC				170	
SIGGETO   CONCILL ALGERIC   20   1   1   1   1   1   1   1   1   1		CONDUIT, AUGERED 1/2" DIA., PVC					
		CONDUIT, AUGERED 3" DIA., PVC					
### STOCKED TO FINANCE CONTROLLER FOR SECTIONAL WIRE STATES OF THE STATE	81021590	CONDUIT, AUGERED 4" DIA., PVC					
### SECOND CONTROLER PROTOCUL RELY  ### SECOND CONTROLER PROTOCUL RELAY  ### SECOND CONT		TRENCH AND BACKETT FOR ELECTRICAL WORK		1307			
		ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 3-1/C NO. 10		1278		1278	
			FACH	1	<del></del>	1	
STOROGO	-0250000	POLICE FOUNDATION WETTER OF STATE OF ST					
STORONO	0.400000	DEMOVIL OF POLE FOUNDATION, CONCRETE	CACH				_
SECONO   GLEPRIC MARCHINE   N. CONDUIT, SIGNAL NO. 14   12   12   12   13   14   13   14   12   15   14   13   14   13   14   14   15   14   14   15   14   14	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	EILL - ACTIVATED CONTROLLED AND TYPE IV CARTAIET		i		1 1	
### ### ### ### ### ### ### ### ### ##			EACH	7 7		7	
\$700150   \$10000000000000000000000000000000000		ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C					
STOOLOGIC   STEEL MAST ARM ASSUMILY AND POLE   24 FT.   EACH   2   2   3   3   3   3   3   3   3   3		ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 12C					
STEEL   STEEL   SAMENAMEN MAST ARM ASSEMBLY AND POLE, 36 FT.   EACH   2   1   1   1   1   1   1   1   1   1		STEEL MAST ARM ASSEMBLY AND POLE. 24 FT.	EACH	2		2	
\$7800100   CONGRETE FOUNDATION, TYPE A   30-JINCH DIAMETER   FOOT   5.5   3.		STEFL COMBINATION MAST ARM ASSEMBLY AND POLE, 36 FT.					
87800400 CONCRETE FOUNDATION, TYPE L. 30-INCH DIAMETER  88200100 TRAFFIC SIGNAL BACKPUATE  88200100 TRAFFIC SIGNAL BACKPUATE  88200100 DETECTOR WITH SYSTEM OUTPUT  EACH 6  6  8  8  8  8  8  8  8  8  8  8  8  8	87800100	CONCRETE FOUNDATION, TYPE A					
SECOLOGIC   TRAFFIC SIGNAL BACKPLATE   SACKPLATE   S		CONCRETE FOUNDATION, TYPE D	FOOT				
B8500100   NDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT   EACH   E		TRAFFIC SIGNAL BACKPLATE					
88500200 NOUTIVE LOOP BY THE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 88000100 DETECTRE LOOP TYPE THIN SISTEM OUT OF 1656 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	88500100	INDUCTIVE LOOP DETECTOR					
SOCIOLOGO							
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			EACH	1 1			
XYOOSOOGG		WASTERDOUDTED C DOWED CODD V	FACH	1	<del></del>	1	
X0321156		TRENCH FRAMES AND GRATES					
NOS22765   WORK OF EVERTHIN SIGNAL SYSTEM   FOOT   13900   1	X0321156	HIGH VISIBILITY TEMPORARY FENCING					
A0322310   REMOVAL OF EXISTING SIGNAL SYSTEM   EACH   1   1   1   1   1   1   1   1   1		MATERIAL TRANSFER DEVICE					
X0323868   DRAINAGE RESTRICTOR	X0322752 X0323310		EACH	1			
X4066528	X0323868	DRAINAGE RESTRICTOR		1 1	15/2/		
X4066528	X0712400	TEMPORARY PAVEMENT	SQ 10	17901	1541		
COURSE, SUPERPAVE, MIX "0", M90	X4066528	POLYMERIZED BITUMINOUS CONCRETE SURFACE	TON	3099	3099		
X4069125   BITUMINOUS CONCRETE BINDER COURSE,   SO YD   16321   16321		COURSE, SUPERPAVE, MIX "D", N90	TON	9992	9292		
X4069125   BITUMINOUS CONCRETE BINDER COURSE,   SO YD   16321   16321   16321	X4066618	BITUMINOUS CONCRETE BINDER COURSE,	1 UN				
SUPERPAVE, IL-19.0, N90, 8"	X4069125	BITUMINOUS CONCRETE BINDER COURSE,	SQ YD	16321	16321		
X8801310   SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION,   EACH   4     4     4			4	<del></del>			
X8801310   SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION,   EACH   4     4	¥7015000	CHANGEARLE MESSAGE SIGN	CAL MO	100	100		
X8801310   SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION,   EACH   12   12   12   12   12   12   12   1				1			
X8801395   SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED   BACH   4   4   4   4   4   4   4   4   4	X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION,	EAUH	4			
REACH   MOUNTED   BRACKET MOUNTED   BRACKET MOUNTED   BRACKET MOUNTED   BRACKET MOUNTED   BRACKET MOUNTED   AMAST ARM MOUNTE	X8801395	SIGNAL HEAD, POLYCARBONATE, LED. 1-FACE, 5-SECTION.	EACH	12		12	
X8801400   SIGNAL HEAD, PULTCARROWNIE, LED, 157ACE, 5-SECTION,   LAND   MAST ARM MOUNTED		BRACKET MOUNTED				<del> </del>	
XXZ20000   REMOVE EXISTING LIGHTING SYSTEM   EACH	X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION,	EAUH	4			
Z0030250	VV22 0000		EACH				
20002600   BAR SPLICERS   200030250   IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE, TEST LEVEL 3)   EACH   4   2   2   2   2   2   2   2   2   2				103			142
TOO   TOO   TOO   TOO   TOO   TOO   TOO   TOO   TOO		BAR SPLICERS	) EACH				
Z0002800   FENCE REMOVAL   F001   335   325   335	Z0030250 Z0030350	IMPACT ATTENUATOR, RELOCATE (NON-REDIRECTIVE, TEST LEVEL 3)	EACH	2			
ECCOSYCO BREAKER RUN CRUSHED STONE  BIOIZEDD CONDUIT IN TRENCH, 2" DIA. PVC  BIOIZEDD CONDUIT IN TRENCH, 2" DIA. PVC  BIOIZEDD CONDUIT IN TRENCH, 2" DIA. PVC  BIOIZEDD LUMINAIRE, SODIUM VAPER, HORIZONTAL MT. 400W CACH  BIOIZEDD LUMINAIRE, SODIUM VAPER, HORIZONTAL MT. 400W CACH  BIOIZEDD LUMIN DIE POLICATION METAL II" BOLT CIRCLE B'SE PACH  BIOLOGICA LIBERT POLIC FOUNDATION METAL II" BOLT CIRCLE B'SE PACH  BIOLOGICA LIBERT POLICATION PACH PACH PACH PACH PAC	Z0022800	FENCE REMOVAL					
BIOIZEGO CONDUIT IN TRENCY Z. DIM. PLO INCOMPAL MT, 400W ZACH B.  RZ10Z400 LUMINAIRE SODIUM VAPER, HORIZONTAL MT, 400W ZACH B.  R300Z400 LIGHT POLE ALUMINUM 40FT, MH 15FT, ZAVIT ARM FACH B.  R300Z400 LIGHT POLE FOUNDATION METAL II" BOLT CIRCLE B'SG ZACH B.  R340D350 LIGHT LOUE FOUNDATION METAL II" BOLT CIRCLE B'SG ZACH B.	Z0076600	TRAINEES		1/57	1700		1,157
830021600 LIGHT POLE ALUMINATION METAL IT BOLT CIRCLE B'SG EACH B B	81012600		FOOT	678			
83007600 LIGHT POLE ALUMINUM 40FL MH 1551 LANI HER BOLT CHECKE 8"X6" FACH B B B B B B B B B B B B B B B B B B B			EACH				
QUINDITO LIGHTING FOUNDMITON REMOVAL EACH 4	83002600	LIGHT POLE ALUMINUM, 40 FT. MH 15 FT DAVIT ARM	EACH			8 >	
	84200700	LIGHTING FOUNDATION REMOVAL	EACH			4	
87502310 TRAFFIC SIGNAL POST PAINTED STEEL NOFT . EACH 4 32 32	1 .K7502310	TRAFELL SIGNAL POST PHINILES SILES INC.			_		

\*SPECIALTY ITEM

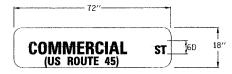
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SUMMARY OF QUANTITIES

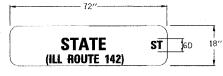
PAY ITEMS			TOTAL QUANT.
72000100	SIGN PANEL, TYPE 1	SQ FT	76
80300100	LOCATING UNDERGROUND CABLE	FOOT	1310
80500105	SERVICE INSTALLATION, TYPE A (MODIFIED)	EACH	1
81012600	CONDUIT IN TRENCH, 11/2" DIA., PVC	FOOT	832
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	678
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	30
81021540	CONDUIT, AUGERED, 1/2" DIA., PVC	FOOT	170
81021550	CONDUIT, AUGERED, 2" DIA., PVC	FOOT	509
81021570	CONDUIT, AUGERED, 3" DIA., PVC	FOOT	212
81021590	CONDUIT, AUGERED, 4" DIA., PVC	FOOT	85
81400400	CONCRETE HANDHOLE	EACH	8
81500200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1307
81700315	ELECTRIC CABLE IN CONDUIT, 600V, (EPR-TYPE RHW) 3-1/C, NO. 10	FOOT	1278
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	8
82500605	LIGHTING CONTROLLER - PHOTOCELL RELAY	EACH	1
83002600	LIGHT POLE, ALUMINUM, 40 FT., M.H., 15 FT. DAVIT ARM	EACH	8
83600350	LIGHT POLE FOUNDATION, METAL, 11" BOLT CIRCLE, 8" X 6'	EACH	8
83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	32
84200700	LIGHTING FOUNDATION REMOVAL	EACH	4
85700200	FULL ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86600010	GULFBOX JUNCTION	EACH	7
87301255	ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 7C	FOOT	1889
87301275	ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 12C	FOOT	743
87301305	ELECTRIC CABLE IN CONDUIT LEAD-IN, NO. 14, 1 PAIR	FOOT	4353
87502310	TRAFFIC SIGNAL POST, PAINTED STEEL 16'	EACH	4 2
87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	12
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT	60
88200100	TRAFFIC SIGNAL BACKPLATE		8
88500100	INDUCTIVE LOOP DETECTOR	EACH EACH	12
88500200	INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT	FOOT	6
88600100	DETECTOR LOOP, TYPE 1		1656
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
X0300739	UNINTERRUPTIBLE POWER SUPPLY	EACH	1 1
X0323310	REMOVAL OF EXISTING SIGNAL SYSTEM	EACH	1
X8801310	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
X8801395	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	12
X8801400	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
XX220000	REMOVE EXISTING LIGHTING SYSTEM	EACH	1



STREET NAME SIGN MAST ARM MOUNTED

STA, 388+39, 40' RT.

STA. 388+59, 38' LT.



STREET NAME SIGN

MAST ARM MOUNTED STA. 388+10, 17' LT.

STA. 388+90, 20' RT.



R10-12 24" X 30"

MAST ARM MOUNTED

STA. 388+10, 3' LT.

STA. 388+47, 38' RT.

STA. 388+49, 36' LT. STA, 388+90, 3' RT.

BRACKET MOUNTED

STA, 388+10, 40' LT.

STA. 388+68, 40' LT. STA. 388+90, 40' RT.

STA. 388+29, 42' RT.

## GENERAL NOTES

- 1. ALL ELECTRIC CABLE AND CONDUIT QUANTITIES ARE ROUNDED UP TO THE NEAREST 5 FEET.
- 2. THE FURNISHING AND INSTALLATION OF THE 1-1/2" CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT WILL BE INCLUDED IN THE LOOP INSTALLATION AND SEPARATE PAYMENT WILL NOT BE MADE FOR THIS WORK.
- 3. THE INDUCTION LOOP WIRE AND LEAD-IN WIRE WILL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION OR AS INDICATED ON THE PLANS.
- 4. SHIELDED CABLE TO LOOP LEADS WILL BE GROUNDED AT THE CONTROLLER
- 5. ALL DETECTOR LOOP CORNERS WILL BE CORE DRILLED 2 INCHES MINIMUM DIAMETER.
- 6. WHILE SIGNAL HEADS ARE MOUNTED IN PLACE, BUT NOT YET IN OPERATION, THEY MUST BE SECURELY COVERED IN WHITE PLASTIC.
- 7. EXISTING SURFACE DISTURBED DURING EXCAVATION FOR FOUNDATIONS AND PUSH PITS MUST BE RESTORED TO THE LIMITS AND CONDITION SPECIFIED BY THE ENGINEER OR AS SHOWN ON THE PLANS. UNLESS NOTED OTHERWISE ON THE PLANS THE REMOVAL AND RESTORATION WILL BE INCLUDED IN THE CONTRACT.
- 8. THE LOCATION OF THE DETECTOR LOOPS AND TRAFFIC SIGNAL FOUNDATIONS SHOWN ON THE PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER OF TRAFFIC OPERATIONS.
- 9. IN AREAS WHERE MULTIPLE RUNS OF PARALLEL CONDUIT ARE IN THE SAME LOCATION, TRENCH AND BACKFILL WILL ONLY BE PAID FOR ONCE.
- 10. NOT USED
- 11. SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLE WILL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.
- 12. ALL DETECTOR LOOPS MUST BE INSTALLED PRIOR TO RESURFACING.
- 13. ALL PROPOSED MAST ARM POLES MUST BE LOCATED NO CLOSER THAN 6 FT. FROM FACE OF CURB TO THE CENTER OF POLE; ALL PROPOSED TRAFFIC SIGNAL POSTS WILL BE LOCATED NO CLOSER THAN 4-1/2' FROM THE FACE OF CURB TO CENTER OF THE POST, UNLESS OTHERWISE SHOWN ON THE PLAN.
- 14. THE CONTRACTOR WILL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.
- 15. THE DISTRICT BUREAU OF OPERATIONS MUST BE NOTIFIED AT LEAST 10 DAYS PRIOR TO PLACEMENT OF THE FINAL PAVEMENT MARKINGS.



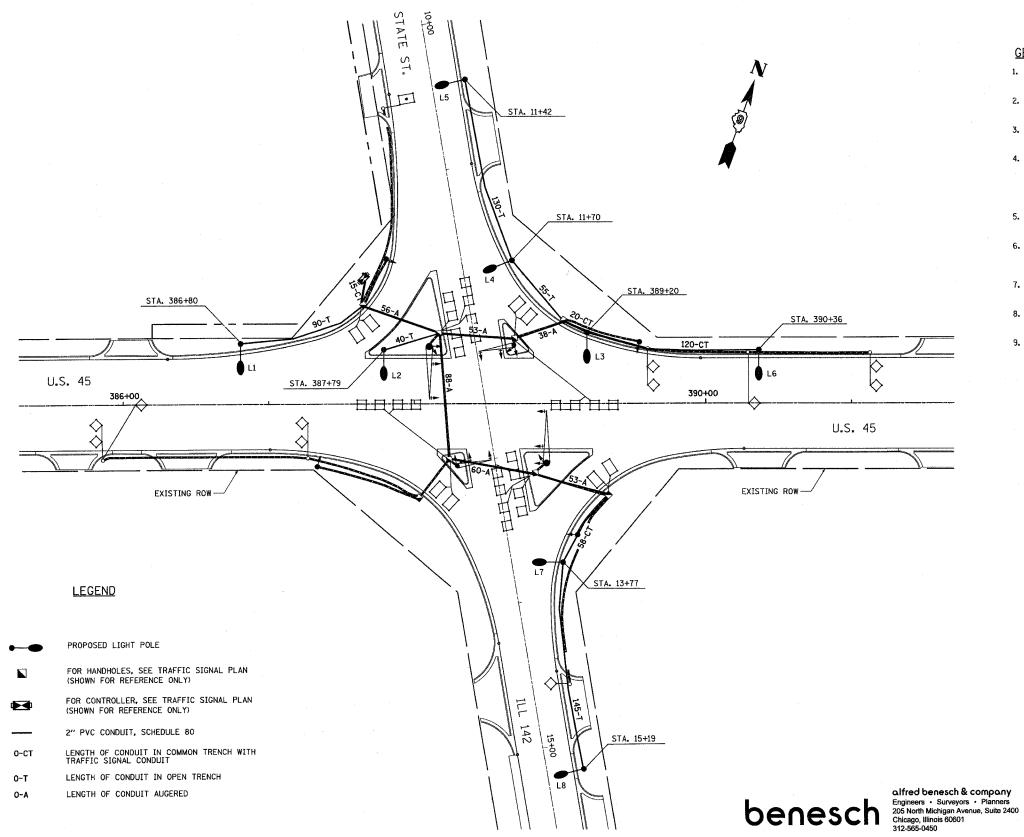
REVISIONS NAME ILLINOIS DEPARTMENT OF TRANSPORTATION DATE IL RTE 142 TRAFFIC SIGNAL & LIGHTING SCHEDULE OF QUANTITIES AND SIGN DETAILS

SCALE: NONE

DATE 7/14/05

DRAWN BY LLQ/DJK CHECKED BY JCP/RCG

A Rev. 7-18-05



## GENERAL NOTES-LIGHTING PLAN

- THE CONTRACTOR SHALL MATCH THE BOLT CIRCLE OF THE POLE BASE WITH THE BOLT CIRCLE OF THE PROPOSED METAL FOUNDATION.
- 2. ANCHOR BOLTS SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCIDENTAL TO THE FOUNDATION.
- 3. LIGHT POLES SHALL BE LOCATED 6 FT FROM THE FACE OF THE CURB TO THE CENTER OF THE POLE.
- 4. LIGHT POLES SHALL BE AFFIXED WITH POLE NUMBERS TO MATCH THE EXISTING POLE NUMBERS. IF THE EXISTING POLES DO NOT SHOW ANY POLE NUMBERS, THAN THE NEW POLE NUMBERS SHALL BE AFFIXED PER PLANS. POLE NUMBER SPECIFICATIONS SHALL BE PER STANDARD SPECIFICATIONS SEC. 1069.02.
- 5. LIGHT POLE LOCATIONS SHALL BE PER PLAN LOCATIONS +5' OR AS DIRECTED BY THE ENGINEER TO AVOID CONFLICTS.
- 6. LIGHTING SHALL BE MAINTAINED OPERATIONAL EVERY NIGHT AND THE COST OF MAINTENANCE SHALL BE INCLUDED IN THE LIGHT POLE, 40 FT., MH, 15 FT. DAVIT ARM ITEM.
- 7. BREAKAWAY COUPLINGS TO FIT 1" DIA. STUDS SHALL BE INSTALLED AT ALL LIGHT POLE LOCATIONS.
- 8. FOR CONTROLLER LOCATION, SEE PROPOSED TRAFFIC SIGNAL PLAN.
- SEE TRAFFIC SIGNAL PLANS FOR HANDHOLES, CONTROLLERS, SIGNALS, MAST AND POSTS, MAST ARM ASSEMBLIES, LOOPS AND COMMON CONDUITS. (SHOWN FOR REFERENCE ONLY)

L-1
PARTMENT OF TRANSPOR

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 142 AT U.S. 45 PROPOSED LIGHTING PLAN

SCALE: 1"=30'
DATE 7/14/05

DRAWN BY DJK CHECKED BY RCG

A Rev. 1-18-05

