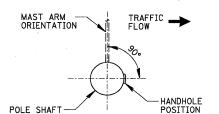


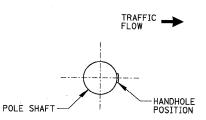
·								
LUMINAIRE MODEL INFORMATION								
POLE TYPE	FIXTURE TYPE		LUMINAIRE MANUFACTURER AND MODEL INFORMATION	IES PHOTOMETRIC CURVE				
1	ROADWAY LUMINAIRE	A	GENERAL ELECTRIC: MDCA25S0A12FMC22U	GE451001.IES				
			AEL: 32525SCAMT2R2FGBKUL NRLCECCFHP	325_40S_R2_HP.IES				
	PEDESTRIAN LUMINAIRE	В	HADCO: R54BABA2ATND70SG	R54-15S5V-T.IES				
			HOLOPHANE: AW70DHP24B8MRB RBMX	AW10DHP00X8NXX RBMX.IES				

NOTES:

- LIGHT POLES SHALL MEET WIND LOADING & VIBRATION REQUIREMENTS ACCORDING TO THE LATEST AASHTO STANDARDS AND ARTICLE 1069.01 IN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 ALL STEEL SHALL BE FROM A DOMESTIC SOURCE.
 THE LIGHT POLES SHALL MEET THE ILLUMINATION REQUIREMENTS AS SPECIFIED IN THE LUMINAIRE PERFORMANCE TABLES IN THE SPECIFICATIONS. ALL LUMINAIRES SHALL HAVE A MULTI-TAP BALLAST WIRED FOR 240 VOLTS OPERATION.
 LIGHT POLE SHALL BE U/L LISTED.

DECORATIVE LIGHTING UNIT D1





FOR DECORATIVE LIGHTING UNIT D1 FOR DECORATIVE LIGHTING UNIT D2 AND LANDSCAPE BOLLARD

POSITION OF HANDHOLE DETAIL

FILE NAME = DESIGNED KA REVISED DRAWN REVISED CHECKED AJE OT SCALE = 20 REVISED DATE INT DATE = 6/13/201: REVISED

-150W HPS-240V ACORN TYPE LUMINAIRE WITH SEMI-CUTOFF TYPE V OPTICS, LOGO CAGE AND A FACTORY BLACK FINISH LUMINAIRES SHALL BE PROVIDED WITH THE FOLLOWING INSERTS & LOGOS: INSERTS (4 INSERTS PER POLE) - (2) RED PANELS, (2) BLUE PANELS & (2) WHITE PANELS LOGOS- (2) USA FLAGS AND (2) ELMWOOD PARK LOGOS AT 180° APART -14' x 5" STRAIGHT FLAT FLUTED ALUMINUM POLE W/ 3" TENON, O.188"-0.267" WALL THICKNESS AND FACTORY BLACK FINISH (HADCO MODEL NO. P216514A, OR APPROVED EQUAL) -SLIP-OVER BLACK POLYETHYLENE BASE COVER (HADCO MODEL NO. SLBPT3117-5-A, OR APPROVED EQUAL) WITH BASE PLATE FOR 111/2"
BOLT CIRCLE W/ 1" BOLTS
(CONTRACTOR SHALL
COORDINATE WITH POLE MFG.)

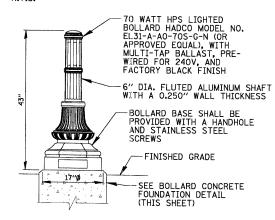
LUMINAIRE MODEL INFORMATION								
POLE TYPE	FIXTURE TYPE		LUMINAIRE MANUFACTURER AND MODEL INFORMATION	IES PHOTOMETRIC CURVE				
2	PEDESTRIAN LUMINAIRE	Α	HADCO: R54BABA2ATND150SG	R54-15S5V-T.IES				
		В	HOLOPHANE: AW15DHP24B8MRB RBMX	AW15DHPOOX8NXX RBMX.IES				

NOTES:

- LIGHT POLES SHALL MEET WIND LOADING & VIBRATION REQUIREMENTS ACCORDING
 TO THE LATEST AASHTO STANDARDS AND ARTICLE 1069.01 IN STANDARD
 SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 ALL STEEL SHALL BE FROM A DOMESTIC SOURCE.
 THE LIGHT POLES SHALL MEET THE ILLUMINATION REQUIREMENTS AS SPECIFIED
 IN THE LUMINAIRE PERFORMANCE TABLES IN THE SPECIFICATIONS. ALL LUMINAIRES
 SHALL HAVE A MULTITAP BALLAST WIRED FOR 240 VOLTS OPERATION.
 LIGHT POLE SHALL BE U/L LISTED.

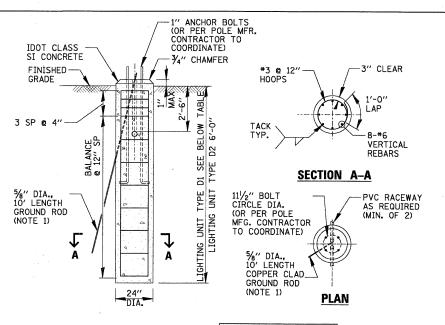
17"0

DECORATIVE LIGHTING UNIT D2



1. CONTRACTOR SHALL COORDINATE SIZE AND ORIENTATION OF BOLT CIRCLE.

LANDSCAPE BOLLARD

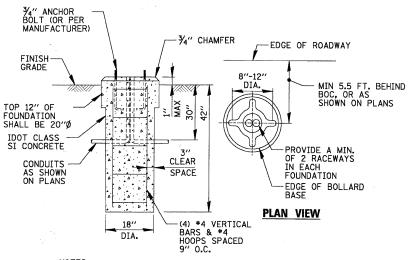


	DESIGN DEPTH "D" OF FOUNDATION
SOIL CONDITIONS	LIGHTING UNIT "D1"
SOFT CLAY (Qu=0.375 TON/SF)	11'-0''
MEDIUM CLAY (Qu=0.75 TON/SF)	9′-0′′
STIFF CLAY (Qu=1.50 TON/SF)	7'-6''
LOOSE SAND (Ø=34")	9'-6"
MEDIUM SAND (Ø=37.5")	9'-0''
DENSE SAND (Ø=40")	8′-3″

NOTES:

- GROUND ROD SHALL BE CAST INTO CONCRETE FOUNDATION WITH 8 FEET IN CONTACT WITH SOIL.
- 2. FOUNDATIONS SHALL BE VIBRATED IN ACCORDANCE WITH IDOT STANDARD PRACTICES.
- 3. ALL ABOVE ITEMS INCLUDING CONCRETE, GROUND ROD, REINFORCEMENT, RACEWAYS AND FORMWORK SHALL BE INCLUDED IN THE "LIGHT POLE FOUNDATION" PAY ITEM.

CONCRETE FOUNDATION DETAIL



- 1. CONTRACTOR SHALL COORDINATE SIZE AND ORIENTATION OF BOLT CIRCLE, WITH BOLLARD MANUFACTURER.
- CONCRETE FOUNDATION, ANCHOR BOLTS, SPARE RACEWAYS AND FASTENERS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "LANDSCAPE BOLLARD".

BOLLARD CONCRETE FOUNDATION DETAIL

STATE OF ILLINOIS	LIGHTING DETAILS					F.A.U. RTE.	SECTION	COUNTY	TOTAL	SHEE NO.	
DEPARTMENT OF TRANSPORTATION						1374	10-00112-00-LS	СООК	23	13	
	SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	CONTRACT	Γ NO. (53608