	CONCRETE FOUNDATION				
LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH *	
15.2 m (50')	508 mm (20'')	762mm (30'')	3.35m (11'-0'')	1.4 m (4'-6'')	

* Length does not include 152 (6)hook

Notes:

All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance on steel foundations and notify the engineer if other conditions are encountered.

ITS ELEMENTS SCHEDULE							
ITS ELEMENT	STA.	EOP OFFSET	SHAFT DEPTH				
005522.0S.99R	1148+69 RT (SB)	30′	11'-0''				
005522.0A.60C	1148+69 RT (SB)		11 -0				

PROPOSED DETECTOR AND CAMERA MOUNTED ON A 50' STEEL POLE WITH CAMERA LOWERING DEVICE



CONCRETE	FOUNDATION

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
c:\pw_work\pwidot\prestonme\d0320429\d8	76gØ8-sht-ITS.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		LIGHT POLE FOUNDATION DETAILS	55/70	DIST 8 ITS 2014-1	MADISON	44 10
	PLOT SCALE = 100.0000 ′ / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					CONTRAC	CT NO.76G08
	PLOT DATE = 11/25/2013	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. RO	AD DIST. NO. ILLINOIS FED. AI	D PROJECT	

Wireway may be on front, back, or side of foundation as required by the trenching. Place handhole on wireway side to minimize the number of unit duct bends. Top of schedule 40 PVC 125(5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage. 75 (3) Min. concrete cover on all steel **38.1** (1.50) Ø Steel anchor rod with 203(8) of threads. See table for the required bolt circle diameter. -19(³/₄) - 45° Bevel -Finished grade 1. STA 381 For (15) table) (See depth Shaft