

**EQUIPMENT WIRING REQUIREMENT SCHEDULE**

DEVICE	QTY/CRITERIA		COMM CABLE	TO	POWER CABLE	TO
	PLATFORM	STATION				
CCTV CAMERAS	SEE DWGS		(1) CAT-6 EACH	NEAREST HUB	2/C #14 AWG	NEAREST HUB
PA SPEAKERS	SEE DWGS		(1) 2/C #16 AWG PER PA SPEAKER CIRCUIT	COMM HUT/ROOM		
PA AMBIENT NOISE SENSOR (NS)	1 PER PA ZONE		(1) 3 PAIR SHIELDED #22 AWG CABLE	COMM HUT/ROOM		
TYPE I TELEPHONE		1 PER EQUIPMENT ROOM	(1) CAT-6 EACH	COMM HUT/ROOM WALL FIELD		
TYPE II TELEPHONE	1 EACH DIRECTION ON PLATFORM AT 8 CAR MARKER		(1) CAT-6 EACH	COMM HUT/ROOM WALL FIELD		
DAS	IF APPLICABLE		(1) CAT -6 EACH FACE (OR (2) CAT-6 PER DOUBLE FACE)	NEAREST COMM HUB	20A/1P CIRCUIT EACH FACE	ELECT ROOM NORMAL POWER
DMS (SINGLE FACE)	8 SINGLE FACE (2 SINGLE FACE BACK TO-BACK, EACH DIRECTION) AT 1/4 AND 3/4 PLATFORM, PERPENDICULAR TO THE TRACKS	2 SINGLE FACE BACK-TO-BACK, VIEWABLE FROM PAID AND UNPAID AREA	(1) CAT-6 EACH FACE	NEAREST HUB/COMM. ROOM	10A/1P CIRCUIT FOR EACH SET OF 2 DMS	COMM HUT RELIABLE POWER
HPT - TYPE IV TELEPHONE	1 AT 1/2 PLATFORM	1 IN PAID AREA, 1 IN UNPAID AREA	(1) CAT-6 EACH	NEAREST HUB/VOICE PATCH	2/C #18 AWG	COMM HUT
BLUE LIGHT FOR HPT	1 PER DIRECTION AT PLATFORM EDGE	1 PER STATION			2/C #18 AWG	NEAREST HUB
HPT TO BLUE LIGHT			(1) 2/C #18 AWG PER BLUE LIGHT	HPT		
WAP - DA	1 AT EACH END OF PLATFORM		(1) CAT-6 EACH	NEAREST HUB	2/C #14 AWG	NEAREST HUB
WAP - OMNI		1 AT CURB LANE OF STOREFRONT	(1) CAT-6 EACH	NEAREST HUB	2/C #14 AWG	NEAREST HUB
ISIGN (TOUCHSCREEN)		1	(1) CAT-6 EACH	NEAREST HUB	20A/1P CIRCUIT EACH	COMM HUT/ROOM
HUB - TYPE 3M	AS NEEDED		(1) 12-STRAND MM FIBER OPTIC, (3) CAT-6	COMM HUT/ROOM	8-#8'S / 2-#14 AWG	COMM HUT/ROOM
HUB - TYPE 4M	AS NEEDED		(1) 12-STRAND MM FIBER OPTIC, (3) CAT-6 (1) 25-PR CAT-5E FOR STATION HUB	COMM HUT/ROOM	8-#8'S / 2-#14 AWG	COMM HUT/ROOM
CA KIOSK	QTY AT CA KIOSK					
SVT(SEcurity VIDEO TERMINAL)	1 PER CA BOOTH		(1) CAT-6 EACH	COMM HUT/ROOM PASS THRU HUB		
i. VGA EXTENDERS-APANTEC PART NUMBER TSE-1-Eu AND TSE-1Ru .ii TX-CONNECTS TO .ii. TX-CONNECTS TO TELESTE ATI-4670 IN COMM ROOM/HUT iii. RX-VGA/USB/AUDIO CABLE CONNECTED TO SVT MONITOR IN KIOSK	1 PER CA BOOTH		(1) CAT-6 EACH	COMM HUT PASS THRU HUB	20A/1P CIRCUIT EACH	BEST SOURCE
TYPE III TELEPHONE	1 PER CA BOOTH		(1) CAT-6 EACH	COMM HUT PASS THRU HUB		
MICROPHONE	1 PER CA BOOTH		(1) CAT-6 EACH	COMM HUT PASS THRU HUB		
DATA			(1) CAT-6 DATA/(1) CAT-6 SPARE/ (1) 6SM/6MM FO CABLE	NEAREST HUB		



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USER NAME = habib	DESIGNED -	REVISED
	CHECKED -	REVISED
PLOT SCALE = 2,0000 / in.	DRAWN -	REVISED
PLOT DATE = 10/28/2013	CHECKED -	REVISED

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PEORIA STREET STATION  
COMMUNICATION EQUIPMENT WIRING REQUIREMENT SCHEDULE**

SHEET NO. 115 OF 117 SHEETS

PRELIMINARY NOT FOR CONSTRUCTION

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	306
CONTRACT NO.			60W29	
ILLINOIS FED. AID PROJECT				

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