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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAI 74 (I-74)
SECTION D4 ITS SYSTEM 2014
PEORIA COUNTY

C-94-068-14



WHEREVER IN THESE PLANS
CONTRACT NO. 68B72 IS
MENTIONED, IT SHALL MEAN
CONTRACT NO. 68B73.

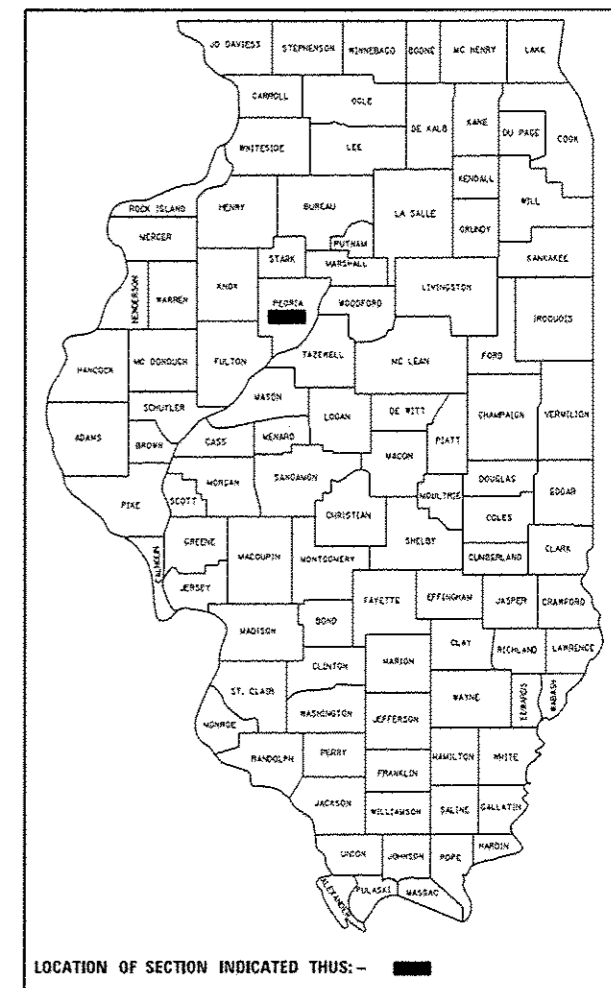
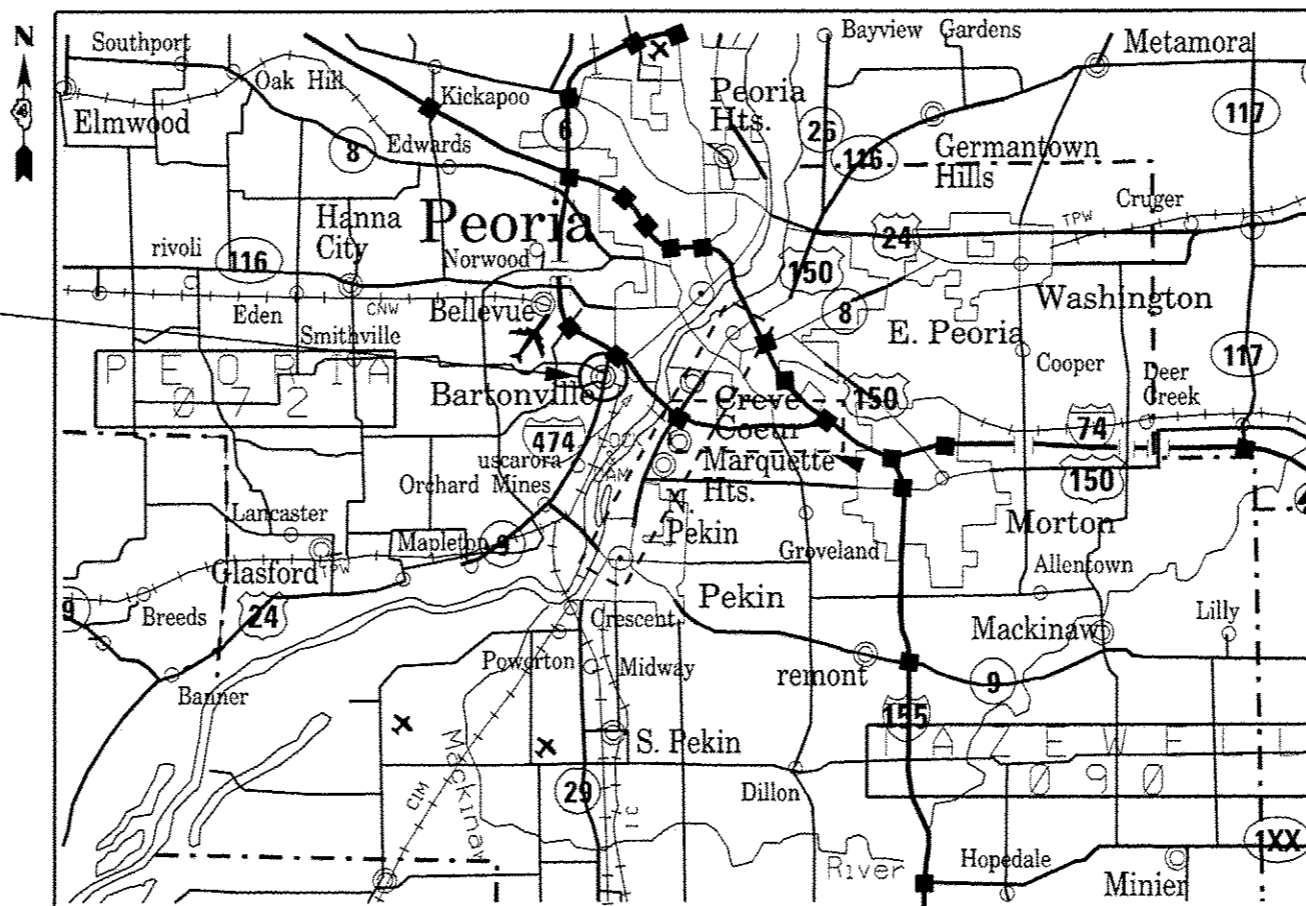
IDOT DISTRICT 4 HEADQUARTERS
401 MAIN STREET, SUITE 700, PEORIA IL 61602

PROJECT DESCRIPTION

IMPROVEMENTS TO DISTRICT 4 COMMUNICATION CENTER: INSTALLATION OF NEW VIDEO DISPLAY SYSTEM, INSTALLATION OF NEW DRYWALL, PAINT, RAISED FLOOR CARPET TILES, ATMS WORKSTATIONS, AND COMMUNICATIONS EQUIPMENT

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: ERIC HOWALD (309) 671-4481
PROJECT MANAGER: RANDY LANINGA (309) 671-4477
CATALOG NO. 35095-00D
CONTRACT NO. 68B73



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MARCH 26, 2014

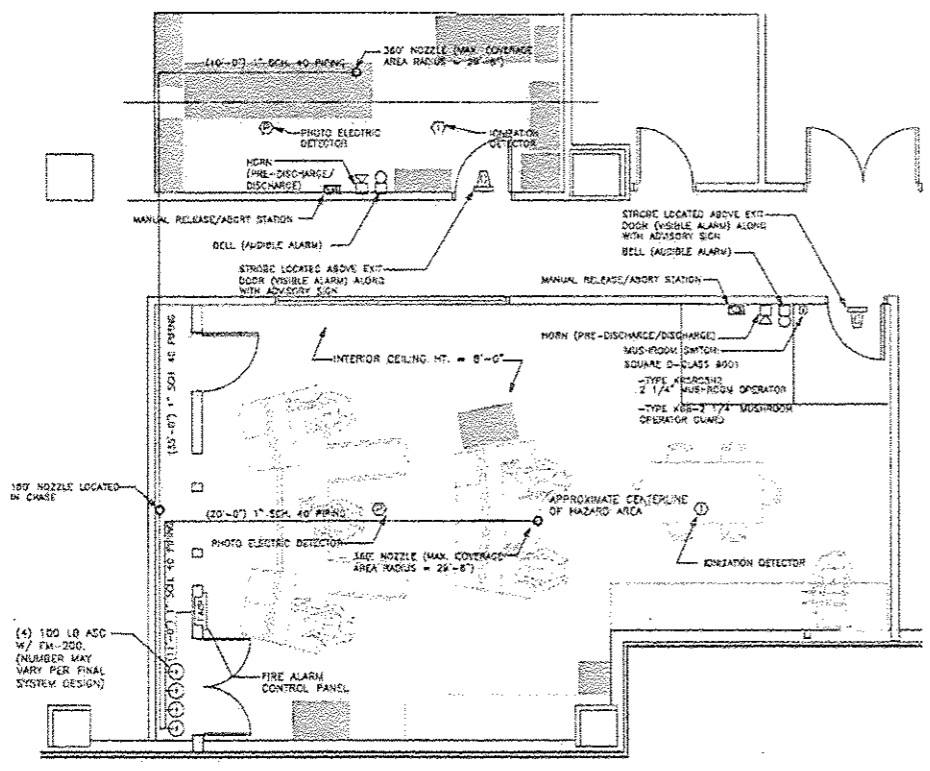
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

MAY 9, 2014
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

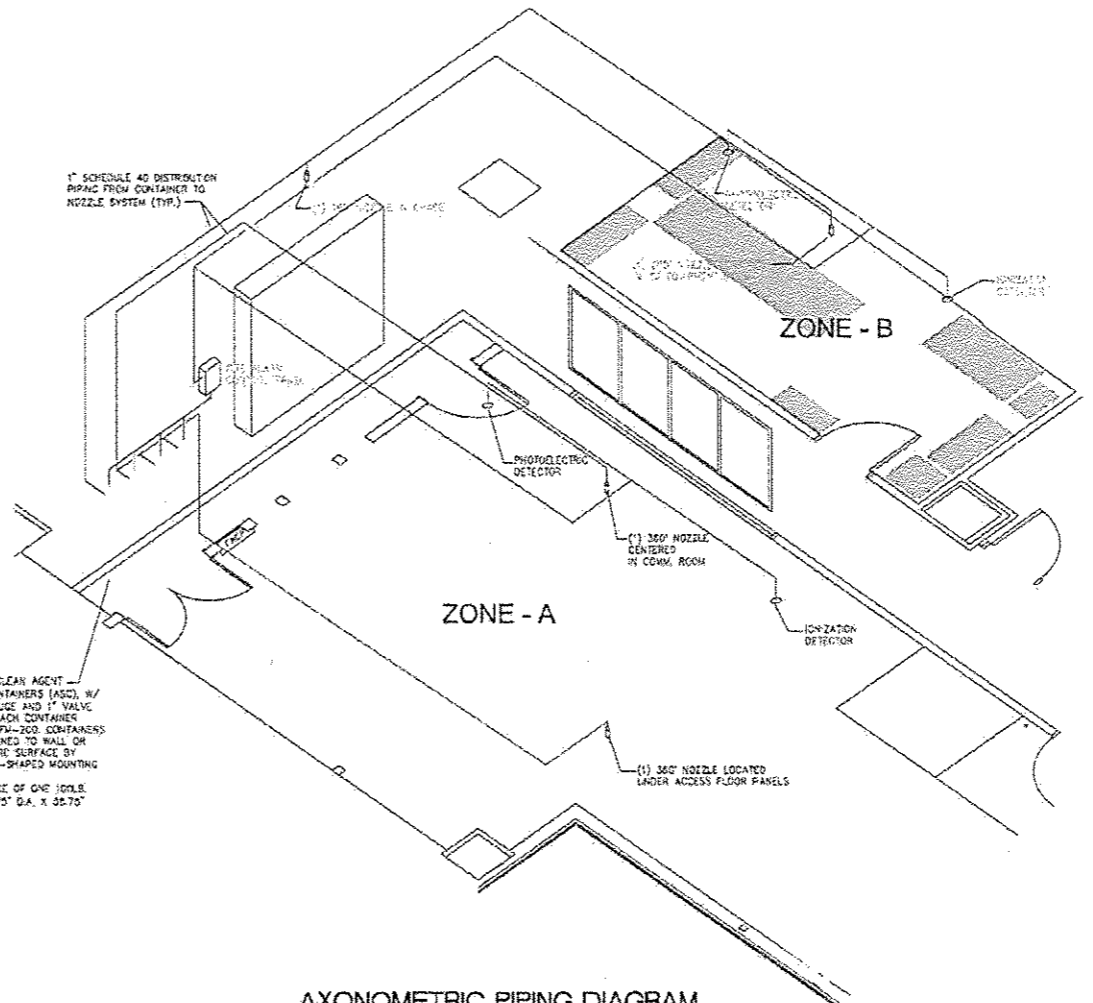
MAY 9, 2014
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DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

▲ REVISED 6-4-14



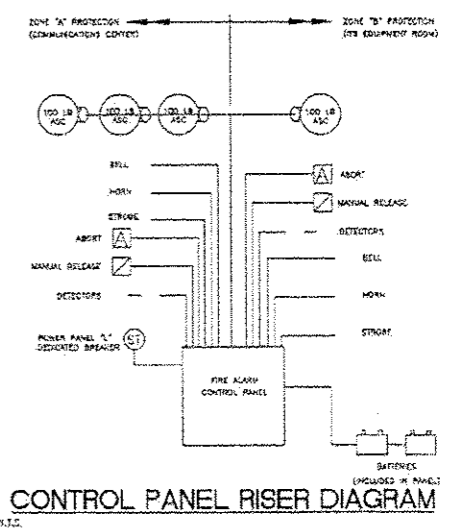
EXISTING FIRE PROTECTION SYSTEM LAYOUT
SCALE: 1/4" = 1'-0"



AXONOMETRIC PIPING DIAGRAM
NOT TO SCALE

- STEP BY STEP DESCRIPTION & SEQUENCE OF OPERATIONS - MULTIZONED FIRE SUPPRESSION SYSTEM**
- A. ACTUATION OF ANY ONE DETECTOR:**
1. "ALARM" INDICATOR ILLUMINATED ON CONTROL PANEL FACE
 2. ALARM BELL AND/OR VISUAL INDICATOR ENERGIZED
 3. CONTROL FUNCTIONS SUCH AS LOCAL HVAC SHUTDOWN AND DOOR CLOSING MECHANISM TAKE PLACE
 4. TIME DELAY ACTUATED
- B. ACTUATION OF SECOND DETECTOR:**
1. "PREDISCHARGE" INDICATOR ILLUMINATED ON CONTROL PANEL FACE
 2. PRE-DISCHARGE ALARM ENERGIZED
 3. TIME DELAY SEQUENCE ACTUATED ENABLING THE SYSTEM ABORT SEQUENCE
 4. UPON COMPLETION OF TIME DELAY SEQUENCE, AGENT DISCHARGED

FOR INFORMATION ONLY

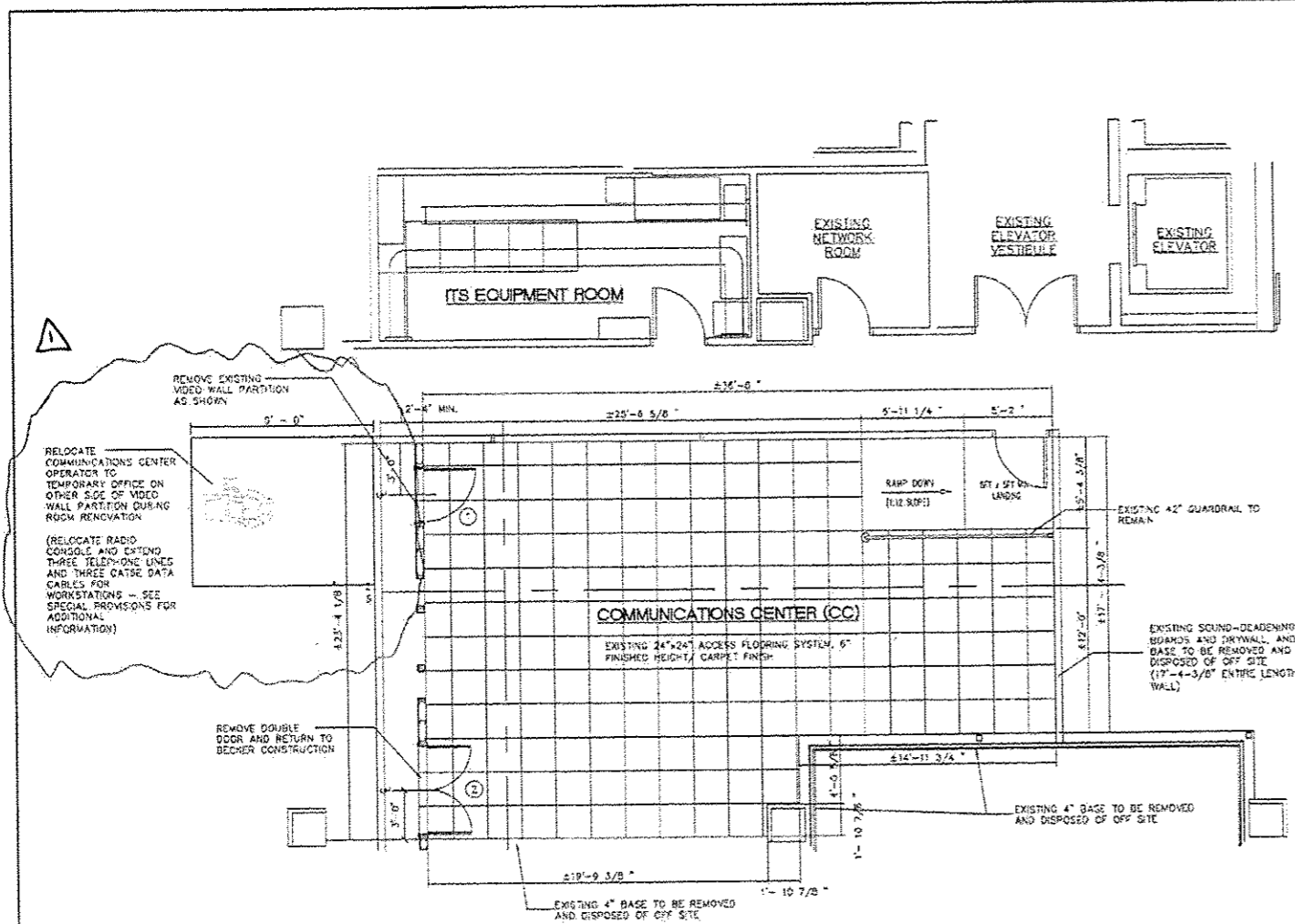


CONTROL PANEL RISER DIAGRAM
H.L.C.

▲ REVISED 6-4-14

FILE NAME = P:\68873 - Communications Center Project	USER NAME = hawelder	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING FIRE PROTECTION SYSTEM IDOT DISTRICT 4 COMMUNICATIONS CENTER	F.A.I. R.T.E. = T4	SECTION = D4 ITS SYSTEM 2014	COUNTY = PEORIA	TOTAL SHEETS = 11	SHEET NO. = 5
	108373 - Com. Center Plans (Final Plans) Revision 08/14/14	CHECKED -	REVISED -							
	PLOT SCALE = 95/1478 1/4"	DATE -	REVISED -			SCALE:	STA.	TO STA.		
	PLOT DATE = 5/29/2014								ILLINOIS DEP. AND PROJECT	

68873

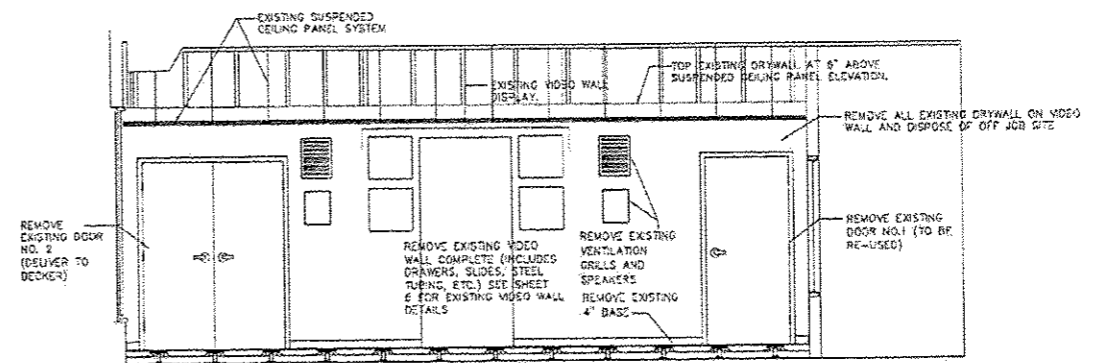


PROPOSED FLOOR PLAN

SCALE: 1/4" = 1'-0"

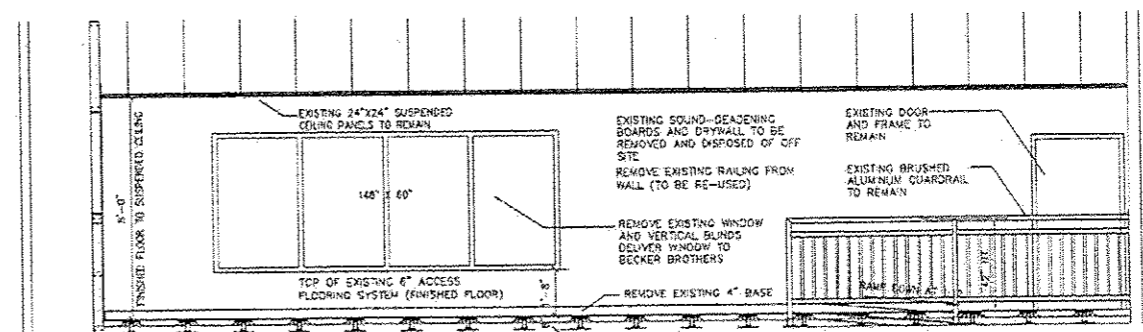
DIMENSION DISCLAIMER:
 ALL DIMENSIONS AS SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL DIMENSIONS IN FIELD AND CONSIDER ANY VARIANCES WHEN CONDUCTING PROPOSED WORK. IN ORDER TO ACHIEVE DESIRED CONDITIONS, CONTRACTOR IS TO BRING TO ENGINEER'S ATTENTION ANY DISCREPANCIES WHICH WILL NOT ALLOW THE FINAL WORK TO BE COMPLETED AS REFLECTED IN THESE CONTRACT DRAWINGS.

ALL REMOVAL WORK TO BE INCLUDED IN THE BID PRICE FOR DRYWALL AND PAINTING WORK



SECTION

SCALE: 3/8" = 1'-0"



SECTION

SCALE: 3/8" = 1'-0"

DOOR & HARDWARE SCHEDULE

SYMBOL	DESCRIPTION	HARDWARE	REMARKS
1	(1) 3'-0" x 7'-0" x 1 3/4" 18GA. HOLLOW METAL DOOR, FLUSH PANEL W/ 180GA. STEEL FRAME & (3/4" FULL MORTISE HINGES.	BORE LOCK W/ DEAD LOCKING LATCH BOLT, AND LEVER HANDLE W/ KEYWAY.	EXISTING REMOVE DOOR AND FRAME AND REINSTALL TO PROPOSED VIDEO WALL.
2	(2) 2'-6" x 7'-0" x 1 3/4" 18GA. HOLLOW METAL DOUBLE DOOR, FLUSH PANELS W/ 18GA. STEEL FRAME & (3/4" FULL MORTISE HINGES EA. PANEL.	BORE LOCK W/ DEAD LOCKING LATCH BOLT, FLUSH RO-T ON INACTIVE LEAF, AND LEVER HANDLE W/ KEYWAY.	EXISTING REMOVE DOOR AND FRAME AND LOCK. INSTALL LOCK IN PROPOSED DOOR AND DISPOSE OF DOOR AND FRAME OFF JOB SITE.
3	(1) 3'-0" x 7'-0" x 1 3/4" 18GA. HOLLOW METAL DOOR, FLUSH PANELS W/ 180GA. STEEL FRAME & (3/4" FULL MORTISE HINGES.	RE-USE EXISTING HARDWARE AND LOCK FROM DOUBLE DOOR.	PROPOSED INSTALL DOOR AND FRAME FOR USE IN PROPOSED VIDEO WALL.

REVISI 6-4-14

FILE NAME =	USER NAME = havel	DESIGNED =	REVISED =
PROJECT = Communications Center Project	PROJECT = Com Center Plans Final Plans Revise	CHECKED =	REVISED =
SCALE = 1/4" = 1'-0"	DATE = 5/9/2014	DATE =	REVISED =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
74	D4 ITS SYSTEM 2014	PEORIA	11 9
CONTRACT NO. 68872			
ILLINOIS/PEO. PROJECT			

68873