

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

F.A.I. ROUTE 255/270
SECTION DIST 8 ITS 2009-1
PROJECT : ITS-0517(106)
MADISON COUNTY

**ITS COMMUNICATION, DETECTION AND SURVEILLANCE
DEVICES FROM I-255 STA. 1493+00, THEN NORTH TO
I-255+270, THEN EAST ON I-270 TO THE IL 157 RAMP
C-75-022-06**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2009-1	MADISON	28	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 76B53		

•255/270



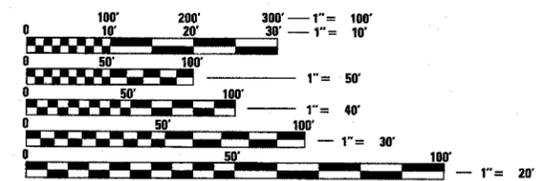
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 26. COMMUNICATION SHEET MP025528.4 CABINET TO MP025529.3 CABINET
 27. COMMUNICATION SHEET MP025530.9 CABINET TO MP027008.4 CABINET
 28. BORING LOGS

STANDARDS

000001-05	280001-04	701101-01
701106-01	701400-02	701406-04
701446	701901	814001-01
814006-01	878001-00	

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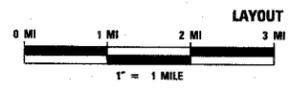
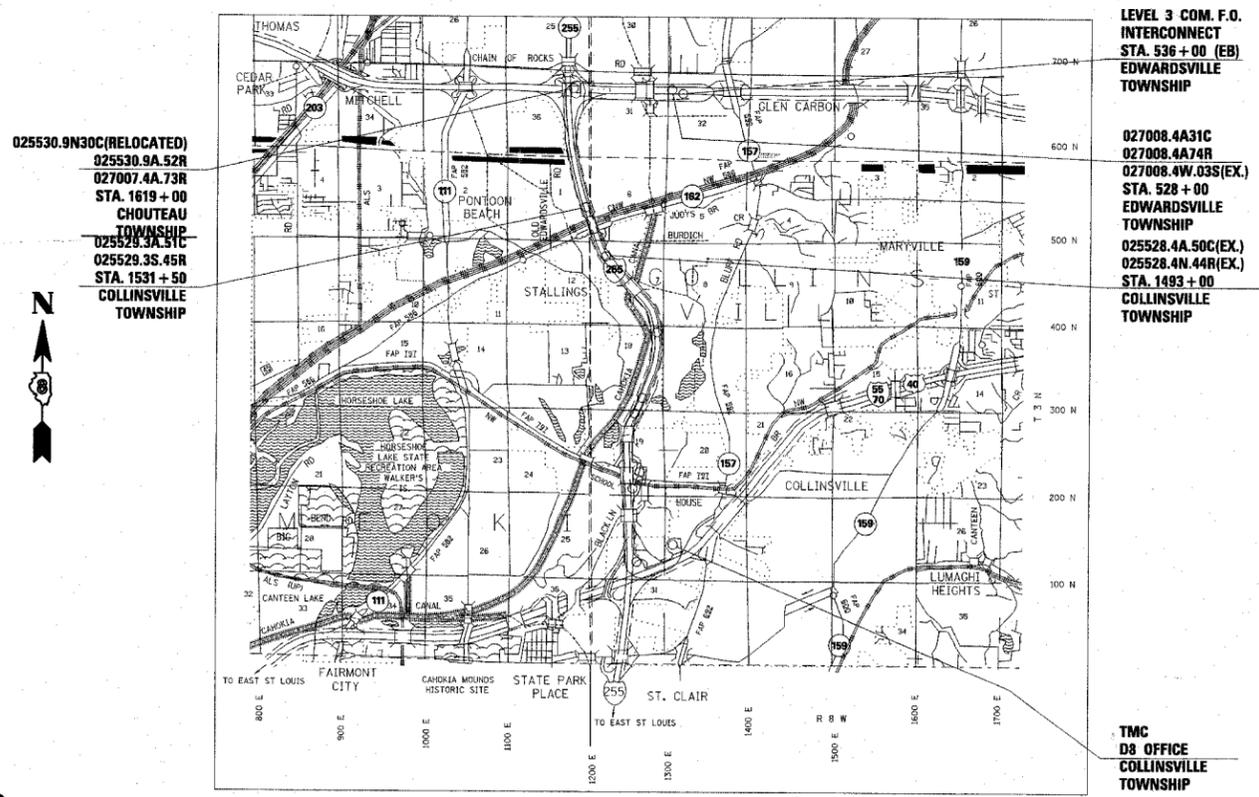
PROJECT ENGINEER: PATTI LeBEAU (618)-346-3179
SQUAD LEADER: MICHAEL PRESTON (618) 346-3143
LIAISON ENGINEER: BRIAN SNEED (618) 346-3118



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: PATTI LeBEAU (618)-346-3179
SQUAD LEADER: MICHAEL PRESTON (618) 346-3143
LIAISON ENGINEER: BRIAN SNEED (618) 346-3118
CONTRACT NO. 76B53



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

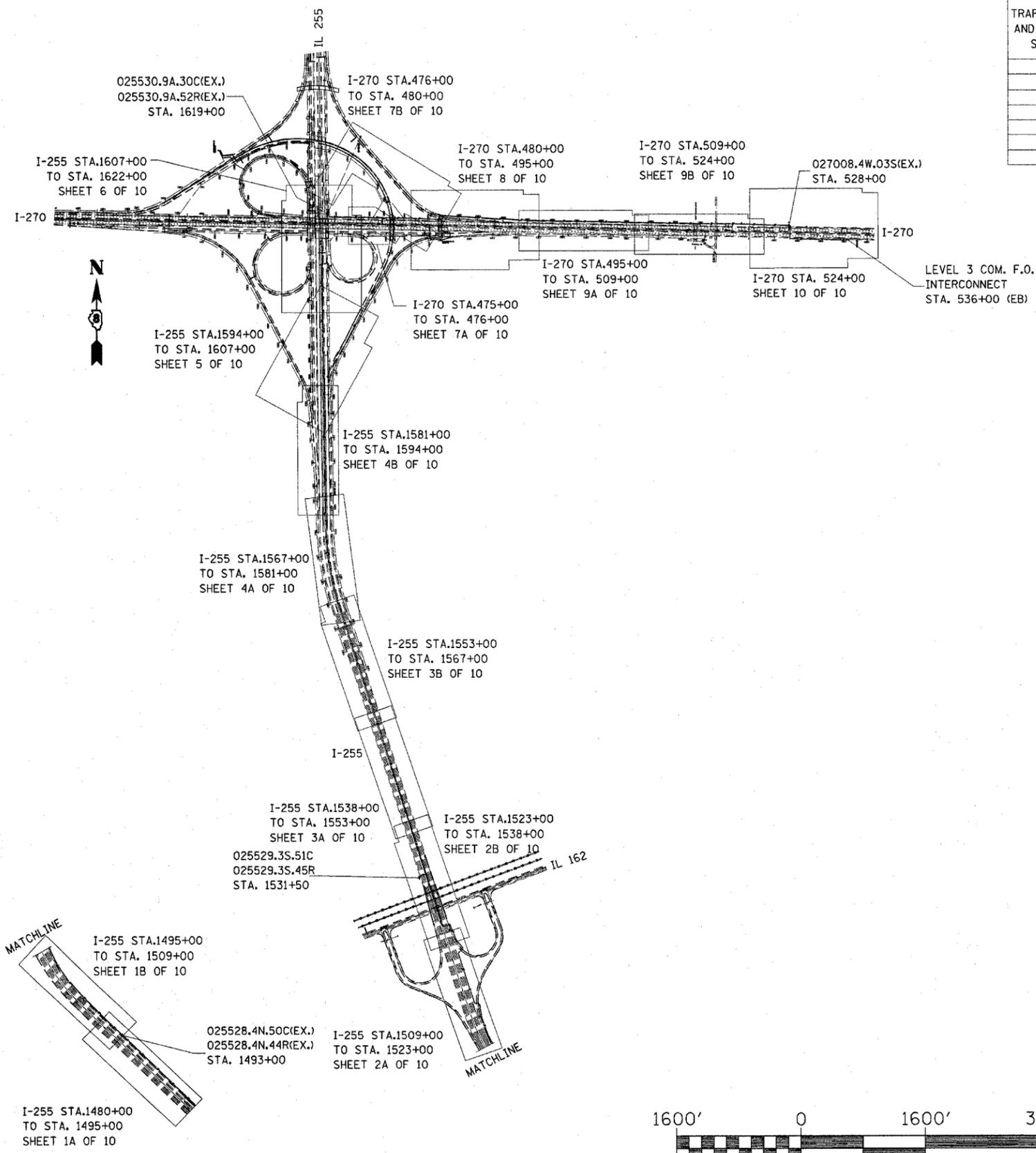
SUBMITTED *March 18* 2008

Mary C Jamie
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 9, 2008
Eric E. Harms
ENGINEER OF DESIGN AND ENVIRONMENT

May 9, 2008
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

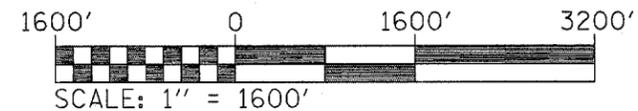
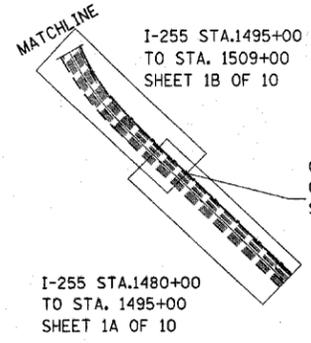
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OF THE STATE OF ILLINOIS**



TRAFFIC CONTROL AND PROTECTION STANDARDS	TRAFFIC CONTROL					F.O. BACKBONE CONDUIT, & HANDHOLES
	LOCATION 025528.4A.50C(EX.) 025528.4A.44R(EX.)	LOCATION 025529.3A.51C 025529.3A.45R	LOCATION 025530.9A.30C(EX.) 025530.9A.52R(EX.) 027007.4A.73R(EX.)	LOCATION 027008.4A.31C 027008.4A.74R 027008.4W.03S(EX.)	LOCATION LEVEL 3 COM. INTERCONNECT	
701101	1	1	1	1	1	1
701106	1	1	1	1	1	1
701400						1
701406						1
701446						5
701901	1	1	1	1	1	1

TRAFFIC VOLUME SCHEDULE				
LOCATION	YEAR	ADT (ESTIMATED)	SUZ	MUZ
025528.4A.50C(EX.) 025528.4A.44R(EX.) STA. 1493+00	2007	18,900	2.4	9.2
025529.3A.51C 025529.3A.45R STA. 1531+50	2007	19,900	5.1	13.0
025530.9A.30C(EX.) 025530.9A.52R(EX.) 027007.4A.73R(EX.) STA. 1619+00	2008	14600	4.7	7.7
027008.4A.31C 027008.4A.74R 027008.4A.03S(EX.) STA. 528+00	2007	25,250	3.2	17.8
LEVEL 3 COMM.F.O. INTERCONNECT STA. 536+00 EB I-270	2007	25,250	3.2	17.8

ITS ELEMENTS	STA.	PLAN SHEET
CCTV		
025528.4A.50C(EX.)	1493+00	1A OF 10
025529.3A.51C	1531+50	2B OF 10
025530.9A.30C(EX.)	1619+00	6 OF 10
RADAR DETECTION		
025528.4A.44R(EX.)	1493+00	1A OF 10
025529.3A.45R	1531+50	2B OF 10
025530.9A.36R(EX.)	1619+00	6 OF 10
DMS		
027008.4W.03S(EX.)	528+00	10 OF 10



FIELD EQUIPMENT NUMBERING SYSTEM	
EXAMPLE : 006402.8W.11D	
0064	DESIGNATES HIGHWAY WHERE FIELD EQUIPMENT IS LOCATED.
006402.8	DESIGNATES MILE MARKER WHERE FIELD EQUIPMENT IS LOCATED.
006402.8W	DESIGNATES DIRECTION VIDEO DETECTOR IS MONITORING TRAFFIC OR DIRECTION TRAFFIC IS TRAVELLING TO RECEIVE DMS MESSAGE.
006402.8W.11	NUMBER ASSIGNED TO THAT FIELD EQUIPMENT
006402.8W.11D	A = ALL DIRECTIONS D = VEHICLE DETECTION C = CAMERA (P/T/Z SURVEILLANCE) H = HAR SIGNAGE WITH BEACON R = RADAR DETECTION

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 PLOT DATE = 4/17/2008

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		DRAWN - ---	REVISED - ---
	PLOT SCALE = 50.0000' / IN.	CHECKED - ---	REVISED - ---
	PLOT DATE = 4/17/2008	DATE - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN SHEET LAYOUT /VOLUME SCHEDULE
 SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2009-1	MADISON	28	2
•255/270		CONTRACT NO. 76B53		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		MP025528.4 STA. 1493+05	MP025529.3 STA. 1531+50	MP025530.9 STA. 1619+00	MP027008.4 STA. 528+21	F.O. BACKBONE CONDUIT, & HANDHOLES	TMC D8 OFFICE
X0326091	STEEL LIGHT POLE, 50 FT. WITH CAMERA LOWERING SYSTEM	EACH	1		1				
X0325479	RELOCATE EXISTING ITS EQUIPMENT TYPE A	EACH	1			1			
X0326116	RELOCATE AND MODIFY EXISTING CONTROLLER CABINET TYPE A	EACH	1			1			
X0326113	DRILL EXISTING WINGWALL	EACH	2					2	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	198					198	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	198					198	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	198					198	
25000210	SEEDING, CLASS 2A	ACRE	2.2					2.2	
25100105	MULCH, METHOD 1	ACRE	2.2					2.2	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	220					220	
28000500	INLET AND PIPE PROTECTION	EACH	20					20	
63300575	REMOVE AND RE-ERECT ELEMENT OF EXISTING RAIL	FOOT	100					100	
67000400	ENGINEER'S FIELD OFFICE, TYPE A GUARD RAIL	CAL MO	8	0.4	1.4	1.4	1.4	3	0.4
67100100	MOBILIZATION	L SUM	1	0.2	0.2	0.2	0.2	0.3	0.1
70100430	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	EACH	5					5	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.1	0.2	0.2	0.1	0.4	
80300100	LOCATING UNDERGROUND CABLE	FOOT	19110	10		50	50	19000	
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	374		374				
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	40		40				
81018400	CONDUIT PUSHED, 1 1/2" DIA., GALVANIZED STEEL	FOOT	143		143				
81100590	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., ALUMINUM	FOOT	31				31		
81306400	RELOCATE EXISTING JUNCTION BOX	EACH	1			1			
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	34					34	
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5		1	1	1	2	
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	18903		49		18	18836	
81900205	TRENCH AND BACKFILL FOR ELECTRICAL WORK (SPECIAL)	FOOT	200					200	
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	14		7	7			
86300305	CONTROLLER CABINET TYPE III, SPECIAL	EACH	1				1		
87000105	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (EPR-TYPE TC) 2/C NO. 10 AND NO. 10 GROUND	FOOT	67		17	47	3		
87301715	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 6 PAIR	FOOT	67		17	47	3		
87800210	CONCRETE FOUNDATION, TYPE D (SPECIAL)	FOOT	7		3.5			3.5	

PLOT DATE = 3/17/2008
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FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\electrical\sp02608a.dgn	prestonne	DRAWN -	REVISED -			* DIST 8 ITS 2009-1	MADISON	28	3
PLOT SCALE = 50,000' / IN.		CHECKED -	REVISED -			*255/270			
PLOT DATE = 3/17/2008		DATE -	REVISED -			CONTRACT NO. 76B53			

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____
 FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT

Rev.

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	QUANTITIES	MP025528.4 STA. 1493+05	MP025529.3 STA. 1531+50	MP025530.9 STA. 1619+00	MP027008.4 STA. 528+21	F.O. BACKBONE CONDUIT, & HANDHOLES	TMC DB OFFICE
89502215	MODIFY EXISTING CONTROLLER FOUNDATION	EACH	1			1			
X0322227	CLOSED CIRCUIT TELEVISION CAMERA SYSTEM	EACH	1		1				
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	20342					20342	
X0323150	JUNCTION BOX, ALUMINUM, ATTACHED TO STRUCTURE, 18" X 18" X 10"	EACH	4		1		1	2	
X0325066	2955 LAYER 2 SWITCH	EACH	1				1		
X0325073	MODIFY EXISTING CONTROLLER CABINET TYPE B	EACH	2	1		1			
X0325075	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., FIBERGLASS BULLET RESISTANT	FOOT	183					183	
X0325076	WIDE AREA NETWORK	L SUM	1	0.1	0.1	0.1	0.1		0.6
X0325851	FIBER OPTIC UTILITY MARKER(SUPPLIED BY OTHERS) IDENTIFICATION AND INSTALLATION	EACH	70					70	
X0326092	RELOCATE SURVEILLANCE CAMERA SYSTEM CLOSED CIRCUIT TELEVISION	EACH	1			1			
X0325456	3750-12S LAYER 3 SWITCH	EACH	2			1			1
X0325460	CONTROLLER CABINET TYPE III, SPECIAL (AIR-CONDITIONED)	EACH	2		1	1			
X0325461	GLC-T SFP MODULE	EACH	1			1			
X0325473	MODIFY EXISTING CONTROLLER CABINET TYPE C	EACH	2	1		1			
X0325475	MODIFY EXISTING CONTROLLER CABINET TYPE E	EACH	2	1		1			
X0325476	RADAR VEHICLE DETECTION SYSTEM	EACH	1		1				
X0325482	REMOVE EXISTING ITS EQUIPMENT	EACH	1			1			
X0325483	SFP-GE-L SFP MODULE	EACH	7		2	5			
X0325487	WIRED COMMUNICATION DATA CONVERTOR	EACH	4		1	2	1		
X0325523	500G LAYER 2 SWITCH	EACH	1			1			
X0325525	GLC-FE-100 LX SFP MODULE	EACH	1			1			
X0325575	CONDUIT PUSHED, 4" DIA., PVC, SCHEDULE 40	FOOT	751					751	
X0325576	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC, SCHEDULE 40	FOOT	731					731	
X0326112	3560-24PS LAYER 3 SWITCH	EACH	1		1				
X2010510	CLEARING AND GRUBBING	L SUM	1					1	
X8100065	CONDUIT IN TRENCH, 4" DIA., PVC TYPE C	FOOT	18546					18546	
X8710075	FIBER OPTIC CABLE IN CONDUIT, 72 COND. S.M. F.O.	FOOT	21649					21649	
XX003581	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 1/C	FOOT	2222		2222				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1					1	

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ca:\projects\2008\electrical\11\sp1n02608a.dgn		DRAWN -	REVISED -		*255/270	DIST 8 ITS 2009-1	MADISON	28	4				
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____	TO STA. _____	FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/17/2008	DATE -	REVISED -										

LEGEND

ALUM	ALUMINUM
EP	EDGE OF PAVEMENT
TW SH	TWISTED SHIELDED
PWR CBL	POWER CABLE
F.O.	FIBER OPTIC
J.B.	JUNCTION BOX
GSC	GALVANIZED STEEL CONDUIT
PVCC	POLYVINYL CHLORIDE CONDUIT
FGC	FIBER GLASS CONDUIT
	EXISTING HANDHOLE
	EXISTING DOUBLE HANDHOLE
	EXISTING CONTROLLER
	EXISTING SERVICE INSTALLATION
	EXISTING GALVANIZED STEEL CONDUIT
	EXISTING JUNCTION BOX
	EXISTING SIGN TRUSS
	EXISTING HIGHWAY LIGHTING UNIT
	EXISTING UNDERGROUND LIGHTING CABLES
	PROPOSED HANDHOLE
	PROPOSED DOUBLE HANDHOLE
	PROPOSED CONTROLLER
	PROPOSED CONDUIT: "T" TRENCH, "P" PUSH "ATS" ATTACHED TO STRUCTURE, SIZE SPECIFIED
	PROPOSED SERVICE INSTALLATION
	PROPOSED CCTV CAMERA
	PROPOSED JUNCTION BOX, SIZE SPECIFIED
	PROPOSED WOOD POLE, SIZE SPECIFIED
	PROPOSED DETECTION SYSTEM (MICROLOOPS)
	PROPOSED LIGHT POLE, SIZE SPECIFIED
	PROPOSED CHANGEABLE MESSAGE SIGN
	PROPOSED VIDEO DETECTION CAMERA
	PROPOSED HIGHWAY ADVISORY RADIO
	PROPOSED RADAR VEHICLE DETECTOR

GENERAL NOTES

- CCTV ARE LOCATION SENSITIVE. PROPOSED EQUIPMENT LOCATIONS ARE APPROXIMATE TO ENSURE THE OPTIMUM FIELD OF VIEW. ACTUAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR, PER THE MANUFACTURER REPRESENTATIVES' RECOMMENDATIONS AND THE ENGINEER'S APPROVAL. MR. BRIAN SNEED OF BUREAU OF OPERATIONS SHALL BE CONTACTED FOR ACTUAL CAMERA LOCATION VERIFICATION.
- ALL MATERIALS SUPPLIED SHALL CONFORM TO SECTION 106 OF THE STANDARD SPECIFICATIONS FOR CONTROL OF MATERIALS.
- THE CONTROLLER CABINETS AND JUNCTION BOXES SHALL BE UNPAINTED ALUMINUM SHEET METAL UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- UNDERGROUND CABLE MARKING TAPE SHALL BE INSTALLED WITH ALL TRENCH AND BACKFILL FOR ELECTRICAL WORK IN ACCORDANCE WITH ARTICLES 819.05 AND 1066.05 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT DRILL ANY HOLES IN THE BEAMS, DECK, OR SUBSTRUCTURE OF THE BRIDGE. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- ALL GROUND RODS SUPPLIED FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH ARTICLE 1087.01 EXCEPT THAT THEY SHALL BE 3/4 " DIAMETER X 12'-0" LONG. ALL CONNECTIONS TO GROUND RODS SHALL BE MADE VIA EXOTHERMIC WELD, COMPRESSION CLAMPS WILL NOT BE ALLOWED.
- COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION/ITS FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.
- BENDING RADIUS OF FIBER OPTIC CABLE SHALL NOT EXCEED SIX (6) INCHES.
- NO OVERNIGHT LANE CLOSURES SHALL BE PERMITTED ON THIS PROJECT.
- ALL HANDHOLES SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE PER SECTION 814 OF THE STANDARD SPECIFICATIONS. THE LEGEND ON THE COVER SHALL BE "ITS". SLOPE HANDHOLE TO MATCH FINAL GRADE ELEVATION.
- ALL UTILITIES AND DRAINAGE STRUCTURES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS CCTV CAMERA SYSTEMS AND VEHICLE DETECTION SYSTEMS. THE COST FOR LOCATING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRENCH AND BACKFILL FOR ELECTRICAL WORK (SEE INLET AND PIPE PROTECTION SCHEDULE).
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - AMEREN IP (GAS AND ELECTRIC)
 - AT & T CORPORATION (COMMUNICATIONS)
 - CENTERPOINT ENERGY (PIPELINE)
 - CHARTER COMMUNICATIONS, INC. (CABLE TV)
 - CITY OF COLLINSVILLE (WATER AND SANITARY SEWER)
 - CONSOLIDATED COMMUNICATIONS (COMMUNICATIONS)
 - VILLAGE OF GLEN CARBON (WATER AND SANITARY SEWER)
 - ILLINOIS AMERICAN WATER CO. (WATER)
 - LIGHT CORE (COMMUNICATIONS)
 - MCLEOD USA TELECOMMUNICATIONS, INC. (COMMUNICATIONS)
 - MADISON COUNTY SPECIAL SERVICE AREA #1 (SANITARY SEWER)
 - MITCHELL PUBLIC WATER DISTRICT (WATER)
 - SBC. (COMMUNICATIONS)
 - SOUTHWESTERN ELECTRIC COOPERTIVE, INC. (ELECTRIC)
 - CITY OF TROY (WATER)
 - LEVEL 3 COMMUNICATIONS (COMMUNICATIONS)

(MEMBER OF J.U.L.I.E. (800-892-0123) ARE INDICATED BY "*" . NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)
- A 9-1-1 ADDRESS MUST BE OBTAINED FROM THE ST. CLAIR COUNTY 9-1-1 COORDINATOR PRIOR TO OBTAINING ELECTRIC/ TELEPHONE SERVICE AT THE PROJECT LOCATIONS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER/TECHNICIAN A MINIMUM OF SIX WEEKS IN ADVANCE OF THE ANTICIPATED DATE THAT ELECTRIC/TELEPHONE SERVICE WILL BE REQUIRED IN ORDER THAT THE NECESSARY ADDRESS CAN BE OBTAINED. IF THERE ARE ANY QUESTIONS REGARDING THE ABOVE, CONTACT THE 9-1-1 COORDINATOR AT 618-692-6200, EXT. 5911 FOR MADISON COUNTY.
- ALL FIBER BACKBONE CONDUIT SHALL BE PLACED A MINIMUM OF 5' FROM EDGE OF PAVEMENT OR AS INDICATED ON THE PLAN SHEETS OR PER FIELD ENGINEER'S RECOMMENDATION.
- FIELD MEASUREMENTS ARE REQUIRED TO VERIFY DIMENSIONS OF EXISTING STRUCTURES PRIOR TO ORDERING MOUNTING HARDWARE.
- FIBER OPTIC CABLE PULL TENSION WILL BE LIMITED BY PROVIDING JUNCTION BOXES OR HANDHOLES AT INTERVALS NO GREATER THAN 750 FEET.

PLOT DATE = 4/17/2008
 FILE NAME = c:\projects\ed02608\electrical\tspln02608a.dgn
 PLOT SCALE = 50.0000' / 1" IN.
 REFERENCE = *REF*

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, LEGEND, & SPECIFICATIONS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\ed02608\electrical\tspln02608a.dgn		DRAWN -	REVISED -			*	DIST 8 ITS 2009-1	MADISON	28	5
PLOT SCALE = 50.0000' / 1" IN.		CHECKED -	REVISED -			*255/270		CONTRACT NO. 76B53		
PLOT DATE = 4/17/2008		DATE -	REVISED -			SCALE: _____ SHEET NO. _____ OF _____ SHEETS		STA. _____ TO STA. _____		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ON MAY 30, 2003 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES. THIS PLAN HAS ALSO BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES PERMIT NUMBER ILR40 FOR DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS IF CHECKED BELOW.

NPDES PERMITS ASSOCIATED WITH THIS PROJECT:

- ILR10
- ILR40 PERMIT NO. 0493

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

MARY C. LAMIE PRINT NAME	SIGNATURE
DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER	DATE
TITLE	DATE
IL DEPT. OF TRANSPORTATION AGENCY	

I. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT CONSISTS OF THE INSTALLING A 50' LIGHT POLE CONCRETE FOUNDATION AT SB I-255 STA. 1531+50, AND INTERCONNECTING THE EXISTING ITS CONTROLLER LOCATED AT NB I-255 STA. 1493+00, THE PROPOSED ITS CONTROLLER AT SB I-255 STA. 1531+50, THE EXISTING ITS CONTROLLER AT NB I-255 STA. 1619+00, THE EXISTING ITS CONTROLLER AT WB I-270 STA. 528+00 AND A PROPOSED HANDHOLE AT EB I-270 STA. 536+00.

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

CONSTRUCTION WILL INCLUDE EXCAVATION FOR CONCRETE LIGHT POLE FOUNDATIONS, CONTROLLER FOUNDATIONS, CONDUIT PUSH PITS AND HANDHOLES, AND TRENCH AND BACKFILL FOR ELECTRICAL CONDUIT

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING:

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

PROTECT INLETS AND PIPES OFF THE SHOULDERS AND IN THE MEDIANS PRIOR TO THE WORK DESCRIBED ABOVE. APPLY TEMPORARY SEEDING DURING CONSTRUCTION. APPLY FERTILIZER, SEED AND MULCH AFTER CONSTRUCTION.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 2.5 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 2.5 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: 5.5

F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIVITY:

ONE SOIL TYPE IS LOCATED WITHIN THE PROJECT AREA FROM I-255 STA. 1493+00, THEN NORTH TO I-255/I-270, THEN I-270 E TO THE IL 157 RAMP. THIS ARE:

ORTHOSES, SILTY, HILLY (801D) - A SOMEWHAT POORLY DRAINED SOIL WITH LOW PERMEABILITY. THIS SOIL IS NOT SUBJECT TO FLOODING. THIS SOIL HAS A MODERATE POTENTIAL FOR WATER EROSION AND A SLIGHT POTENTIAL FOR WIND EROSION.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY ERODIBLE AREAS ASSOCIATED WITH THIS PROJECT:

SEE ITEM "F".

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES, THEIR LOCATIONS, AND THEIR ERODIBLE FACTORS (E.G. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC.):

FROM	TO	SOIL DISTURBING ACTIVITIES	EROSIVE FACTORS
EX. MP2702A.4 CONTROLLER 1491+56, 50'R	EX. DOUBLE HANDHOLE 1491+68, 84'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
EX. DOUBLE HANDHOLE 1491+68, 84'R	EX. DOUBLE HANDHOLE 1493+00, 84'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
SP.LICE CONDUIT IN TRENCH 1493+00, 84'R	HH4	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH1	1498+75, 84'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH2	1507+48, 84'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH3	1513+76, 145'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH4	1514+00, 53'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH5	1520+76, 51'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH6	1525+43, 131'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH7	1530+02, 131'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH8	1531+70, 121'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH9	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH10	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
CONTROLLER FOUNDATION 1531+55, 92'L	LIGHT POLE FOUNDATION 1531+50, 92'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
SERVICE INSTALLATION 35+34, 73'L	HH8	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH9	32+36, 73'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH10	1527+80, 190'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH11	1529+97, 131'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH12	1529+97, 131'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH13	1531+70, 121'R	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH14	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH15	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH16	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH17	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH18	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH19	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH20	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH21	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH22	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH23	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH24	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH25	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH26	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH27	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH28	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH29	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH30	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH31	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH32	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH33	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH34	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH35	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH36	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH37	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH38	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH39	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH40	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH41	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH42	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH43	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH44	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH45	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH46	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH47	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH48	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH49	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH50	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH51	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH52	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH53	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH54	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH55	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH56	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH57	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH58	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH59	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH60	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH61	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH62	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH63	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH64	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH65	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH66	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH67	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH68	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH69	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH70	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH71	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH72	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH73	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH74	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH75	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH76	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH77	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH78	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH79	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH80	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH81	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH82	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH83	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH84	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH85	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH86	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH87	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH88	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH89	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH90	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH91	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH92	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH93	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH94	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH95	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH96	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH97	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH98	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH99	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	
HH100	1531+85, 69'L	CONDUIT IN TRENCH W/ HH OR FND. EXCAVATION	

I. SEE THE ITS PLANS TO LOCATE CONTROLS TO PREVENT SITE SEDIMENT TRACKING, AREAS OF SOIL DISTURBANCE AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER.

J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AERIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

CAHOKIA CANAL

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT: (CHECK ALL THAT APPLY)

- SOIL SEDIMENT
- CONCRETE TRUCK WASTE

CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED ABOVE AND FOR ALL USE AREAS AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR, AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH WILL BE PROVIDED AT THE PRE-CONSTRUCTION CONFERENCE, AND ARE A PART OF, THIS PLAN:

II. A. EROSION AND SEDIMENT CONTROL:

1. STABILIZATION PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN II(A)(1)(c) AND II(A)(3), STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

g. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

- TEMPORARY EROSION CONTROL SEEDING
- PERMANENT SEEDING

SEEDING SCHEDULE

LOCATION	1-255 STA. 1480+00 TO STA. 1495+00	1-255 STA. 1495+00 TO STA. 1509+00	1-255 STA. 1509+00 TO STA. 1523+00	1-255 STA. 1523+00 TO STA. 1538+00	1-255 STA. 1538+00 TO STA. 1553+00	1-255 STA. 1553+00 TO STA. 1567+00	1-255 STA. 1567+00 TO STA. 1581+00	1-255 STA. 1581+00 TO STA. 1594+00	1-255 STA. 1594+00 TO STA. 1607+00	1-270 STA. 475+00 TO STA. 476+00	1-270 STA. 476+00 TO STA. 480+00	1-270 STA. 480+00 TO STA. 495+00	1-270 STA. 495+00 TO STA. 509+00	1-270 STA. 509+00 TO STA. 524+00	TOTAL ACRES		
SHEET # OF 10	1A	1B	2A	2B	3A	3B	4A	4B	5	6	7A	7B	8	9A	9B	10	
ACRES	0.02	0.21	0.12	0.14	0.17	0.16	0.16	0.15	0.24	0.10	0.05	0.05	0.18	0.16	0.17	0.16	2.2

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. TEMPORARY EROSION CONTROL SEEDING - THIS ITEM WILL BE APPLIED TO ALL BARE AREAS EVERY SEVEN DAYS TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE AREAS.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN 14 DAYS.

WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN 7 DAYS.

2. PERMANENT SEEDING - SEEDING, CLASS 2 WILL BE INSTALLED PER IDOT SPECIFICATIONS.

EROSION CONTROL BLANKETS/MULCHING - EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES AND IN HIGH VELOCITY AREAS (I.E. DITCHES) THAT HAVE BEEN BROUGHT TO FINAL GRADE AND SEEDDED TO PROTECT SLOPES FROM EROSION AND ALLOW SEEDS TO GERMINATE. MULCH, METHOD 2 WILL BE APPLIED IN RELATIVELY FLAT AREAS TO PROTECT THE DISTURBED AREAS AND PREVENT FURTHER EROSION.

MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.

PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING THE FINISHED GRADING. EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEEDDED TO PROTECT THE SLOPES FROM RILL AND GULLY EROSION AND ALLOW SEED TO GERMINATE PROPERLY. MULCH, METHOD 2 WILL BE USED ON RELATIVELY FLAT AREAS.

2. STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, CATIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE FOLLOWING STRUCTURAL PRACTICES WILL BE USED FOR THIS PROJECT:(CHECK ALL THAT APPLY)

- PERIMETER EROSION BARRIER
- STORM DRAIN INLET PRO

3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

a. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES). THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-8 (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. IF PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-8 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-8, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.

b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS:

NO STORM WATER DETENTION IS REQUIRED FOR THE PROPOSED STORM SEWER OUTLETS TO BE CONSTRUCTED FOR THIS PROJECT.

4. OTHER CONTROLS:

a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (SHE WILL USE TO CONSTRUCT AND MAINTAIN THEM.

b. MATERIAL DELIVERY, STORAGE, AND USE - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:

- ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
- WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND, SUCH AS PAINT CANS, SOLVENTS, AND GREASE.
- A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
- LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
- SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.

c. STOCKPILE MANAGEMENT - BMPs SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMPs MAY BE CONSIDERED:

- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING
- TEMPORARY MULCH
- PLASTIC COVERS
- SOIL BINDERS
- STORM DRAIN INLET PROTECTION

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (SHE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED.

d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

ALL MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS PROVIDED IN THIS PLAN ARE IN ACCORDANCE WITH "IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL".

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN.

1. SEEDING - ALL ERODIBLE BARE EARTH WILL BE TEMPORARILY SEEDDED ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE WITHIN THE CONTRACT LIMITS.
2. PERIMETER EROSION BARRIER - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE FENCING IS IN JEOPARDY AND ANY FENCING KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.
3. EROSION CONTROL BLANKET/MULCHING - ANY AREAS THAT FAIL WILL BE REPAIRED IMMEDIATELY.

THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THESE PRACTICES. ALL MAINTENANCE OF EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY IDOT AFTER FINAL INSPECTION. ALL LOCATIONS WHERE VEHICLES ENTER AND EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY.

INSPECTION OF THESE AREAS SHALL BE MADE AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCHES OR GREATER RAINFALL, OR AN EQUIVALENT SNOWFALL. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM.

IV. INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE FUELING, ETC.), BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE, SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 1/2 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI, G OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI, G OF THE GENERAL PERMIT. THE INCIDENCE OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

A. SPILL PREVENTION AND CONTROL - BMPs SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY.

B. CONCRETE RESIDUALS AND WASHOUT WASTES - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:

1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED.
2. THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.
3. ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.
4. CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.

C. LITTER MANAGEMENT - A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.

D. VEHICLE AND EQUIPMENT CLEANING - VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.

E. VEHICLE AND EQUIPMENT FUELING - A VARIETY OF BMPs CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMPs WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (SHE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMPs (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMPs:

1. CONTAINMENT
2. SPILL PREVENTION AND CONTROL
3. USE OF DRIP PANS AND ABSORBENTS
4. AUTOMATIC SHUT-OFF NOZZLES
5. TOPPING OFF RESTRICTIONS
6. LEAK INSPECTION AND REPAIR

F. VEHICLE AND EQUIPMENT MAINTENANCE - ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

VI. FAILURE TO COMPLY:

FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

LEGEND

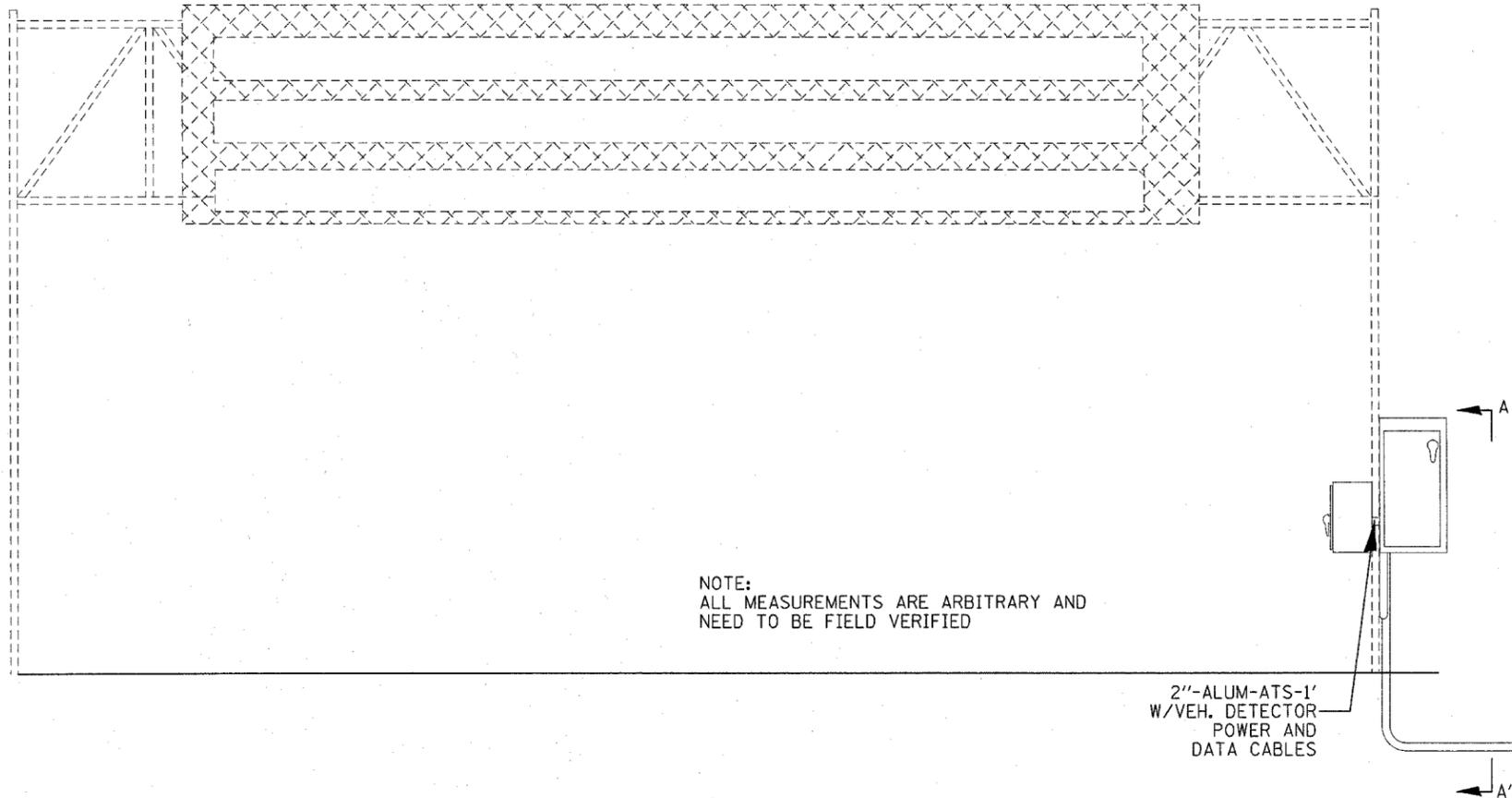


INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

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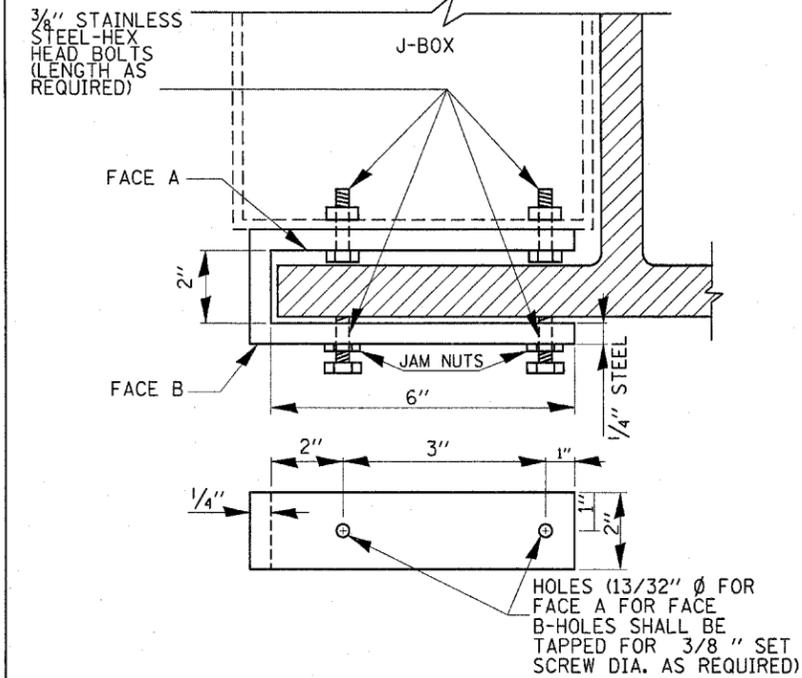
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	PLOT SCALE = 50.0000' / 1" IN.	CHECKED - ---	REVISED - ---			#255/270		CONTRACT NO. 76B53		
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027008.4W.03S(EX.)



NOTE:
ALL MEASUREMENTS ARE ARBITRARY AND
NEED TO BE FIELD VERIFIED

2"-ALUM-ATS-1'
W/VEH. DETECTOR
POWER AND
DATA CABLES



VIEW OF FACE A & B
CHANNEL CLAMP DETAIL D

ALUMINUM JUNCTION BOX
18"x18"x10" ATTACHED
TO STRUCTURE

CONTROL
CABINET FOR
FIBER OPTIC CABLES
AND A 2955 SWITCH

EX. CONTROL
CABINET FOR
027008.4W.03S(EX.)

2"-ALUM-ATS-15'
W/DMS TELEMETRY
CABLES

2-4"-PVCC TYPE C-"T"(EACH)
2-4"-PVCC-SCH40-"ATS"-4"(EACH)
W/72 COND S.M. F.O. CABLE

SECTION A-A'

18" x 18" x 10"
ALUMINUM J-BOX

4" - ALUM - "ATS"

4" - ALUM - "ATS"

CHANNEL CLAMPS
2 REQUIRED PER J-BOX

4" LIQUID TIGHT
FLEXIBLE METAL
CONDUIT

TYPICAL CONDUIT EXPANSION JOINT

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	PLOT DATE = 4/17/2008	DATE - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRUSS MOUNTED CONTROLLER CABINET DETAILS

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* DIST 8 ITS 2009-1		MADISON	28	9
*255/270			CONTRACT NO. 76B53	
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

CONCRETE FOUNDATION				
LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH *
9.1 m (30')	292 mm (11 1/2")	610mm (24")	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 mm (11 1/2")	610mm (24")	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 mm (15")	610mm (24")	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 mm (15")	610mm (24")	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 mm (15")	610mm (24")	2.13m (7'-0")	2.00 m (6'-9")

* Length does not include 100 (4)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.

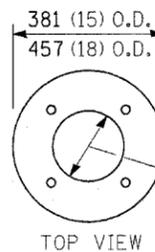
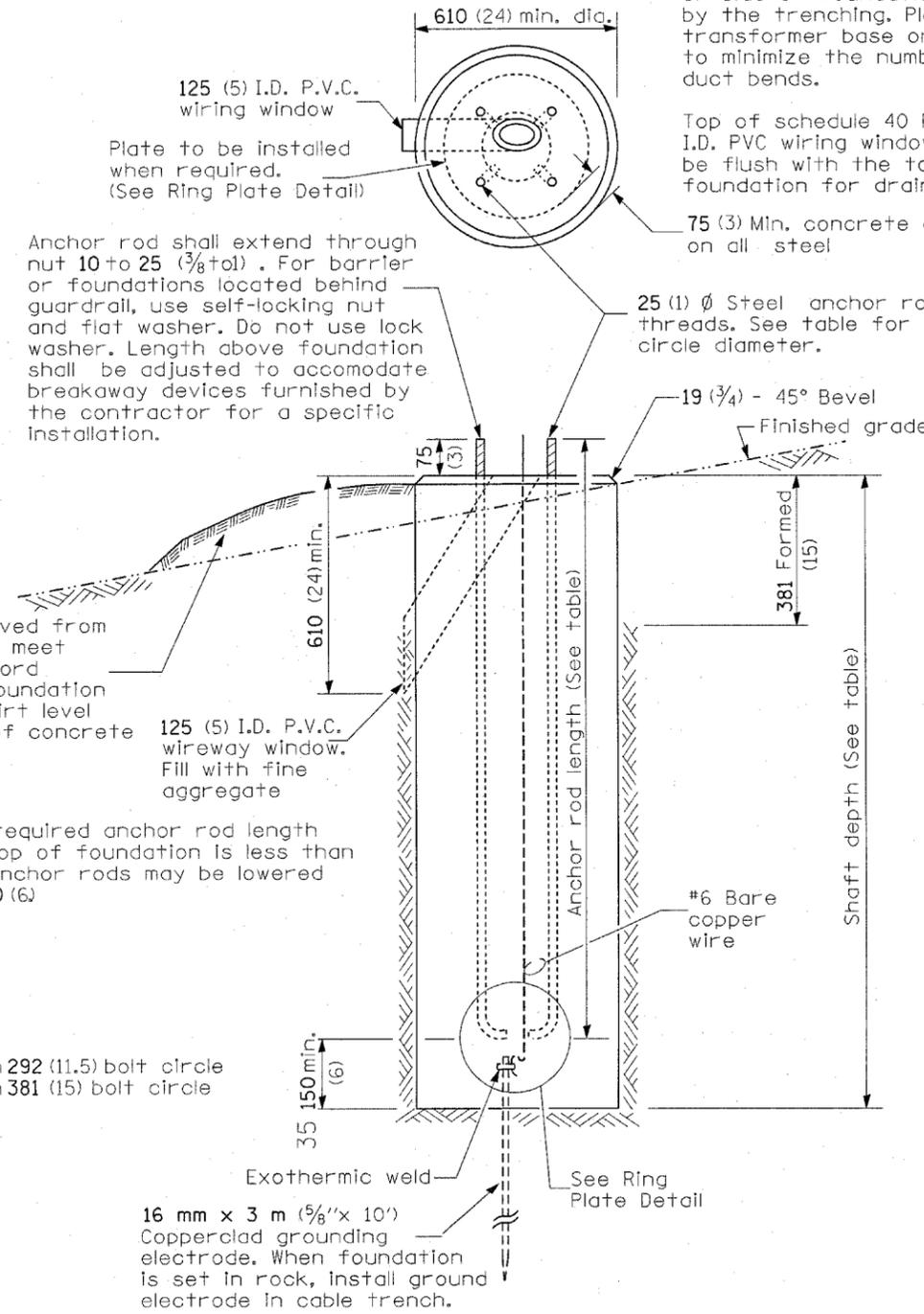
Notes:

Wireway may be on front, back, or side of foundation as required by the trenching. Place door of transformer base on wireway side to minimize the number of unit duct bends.

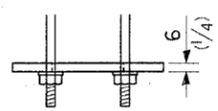
Top of schedule 40 PVC 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.

75 (3) Min. concrete cover on all steel

25 (1) Ø Steel anchor rod with 230 (9) of threads. See table for the required bolt circle diameter.

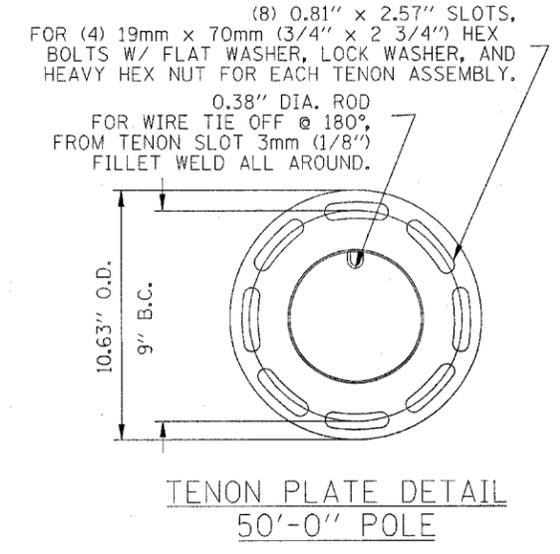
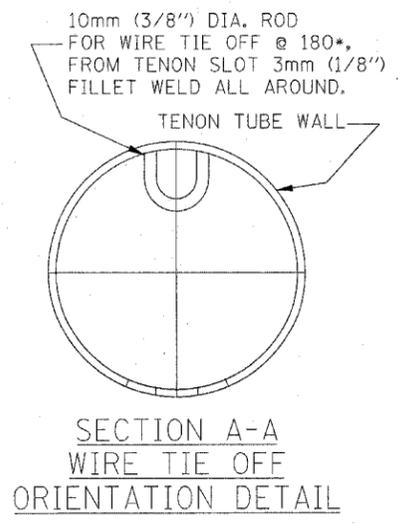
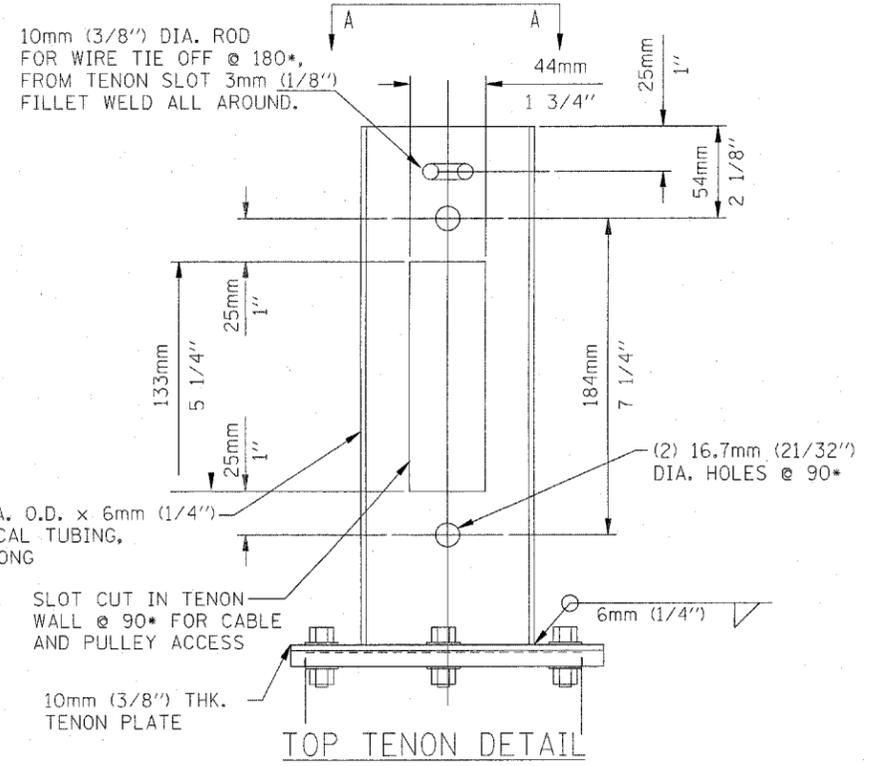
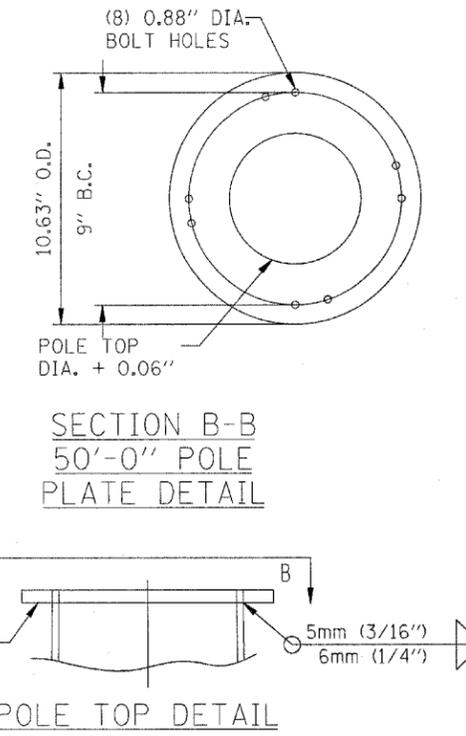
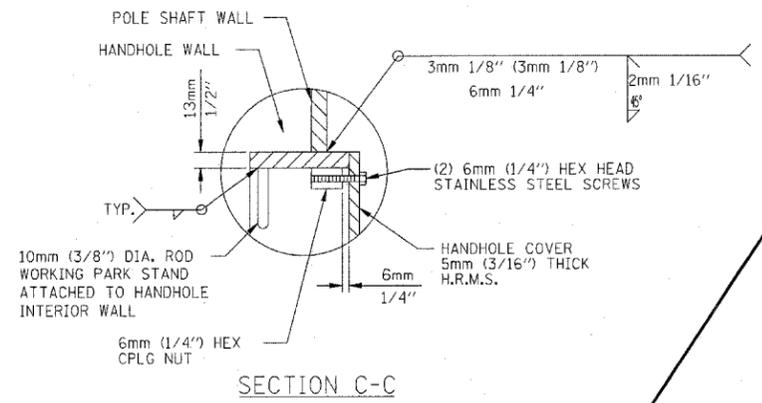
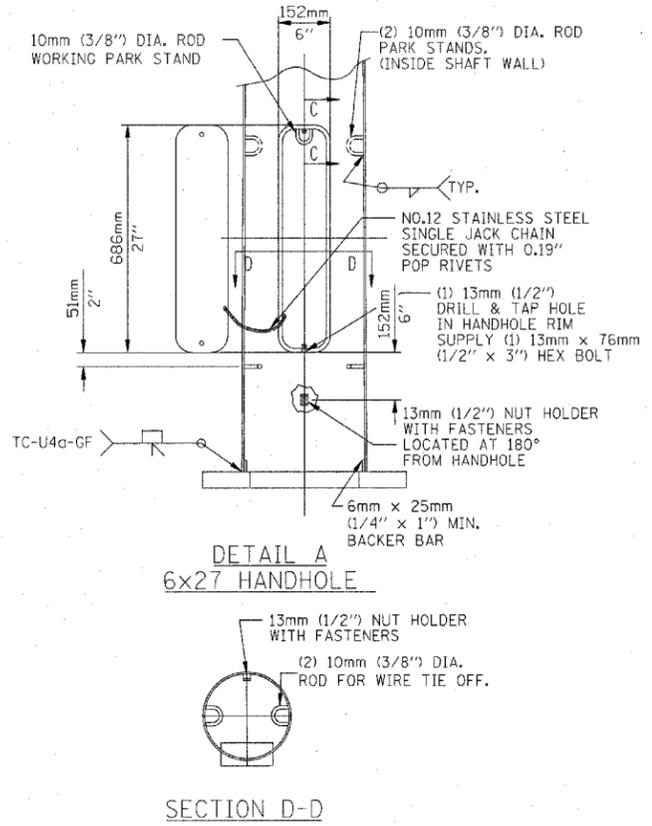
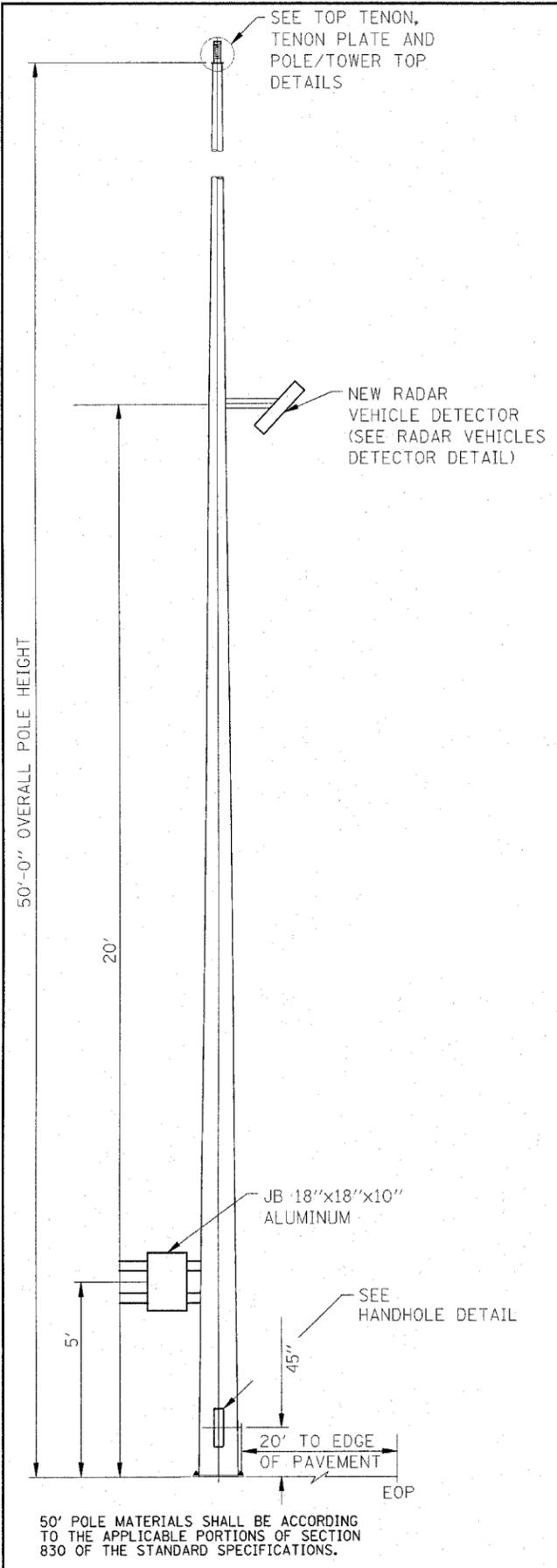


230 (9) I.D. with 292 (11.5) bolt circle
305 (12) I.D. with 381 (15) bolt circle



RING PLATE DETAIL
(When rock is encountered and foundation is shallower)

CONCRETE FOUNDATION



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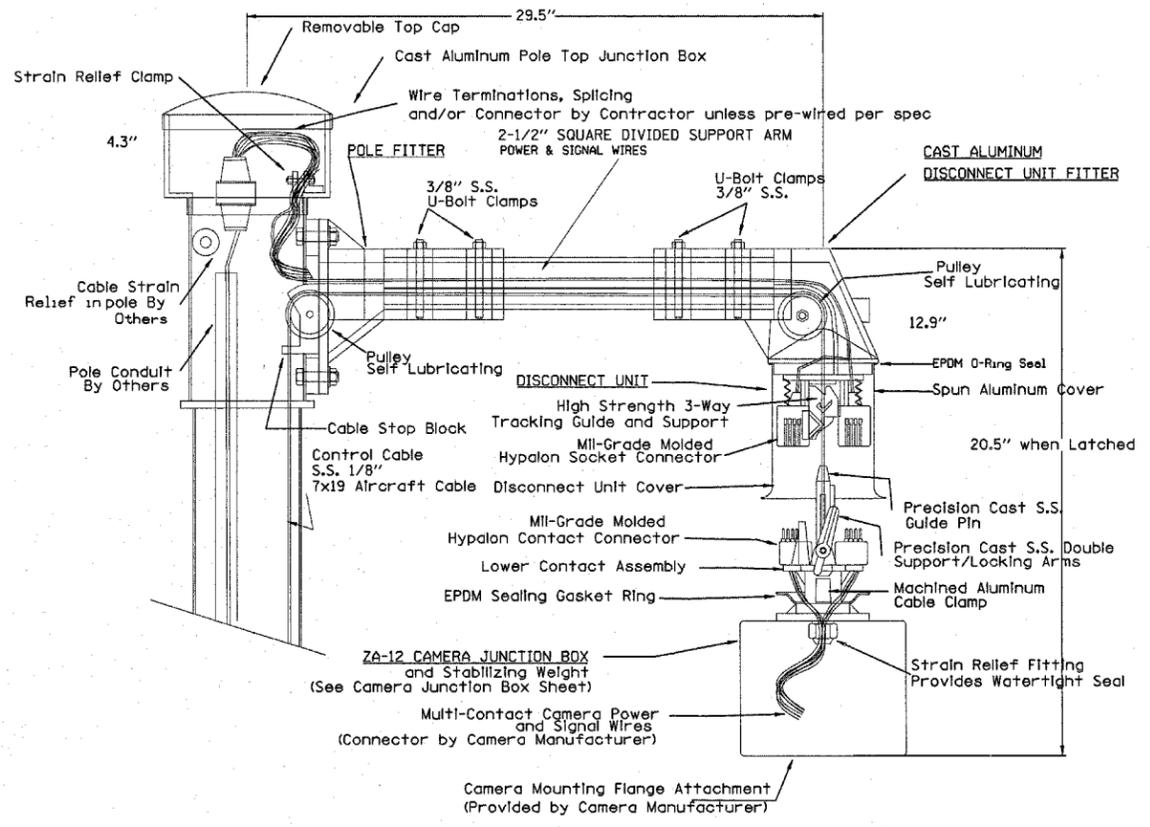
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

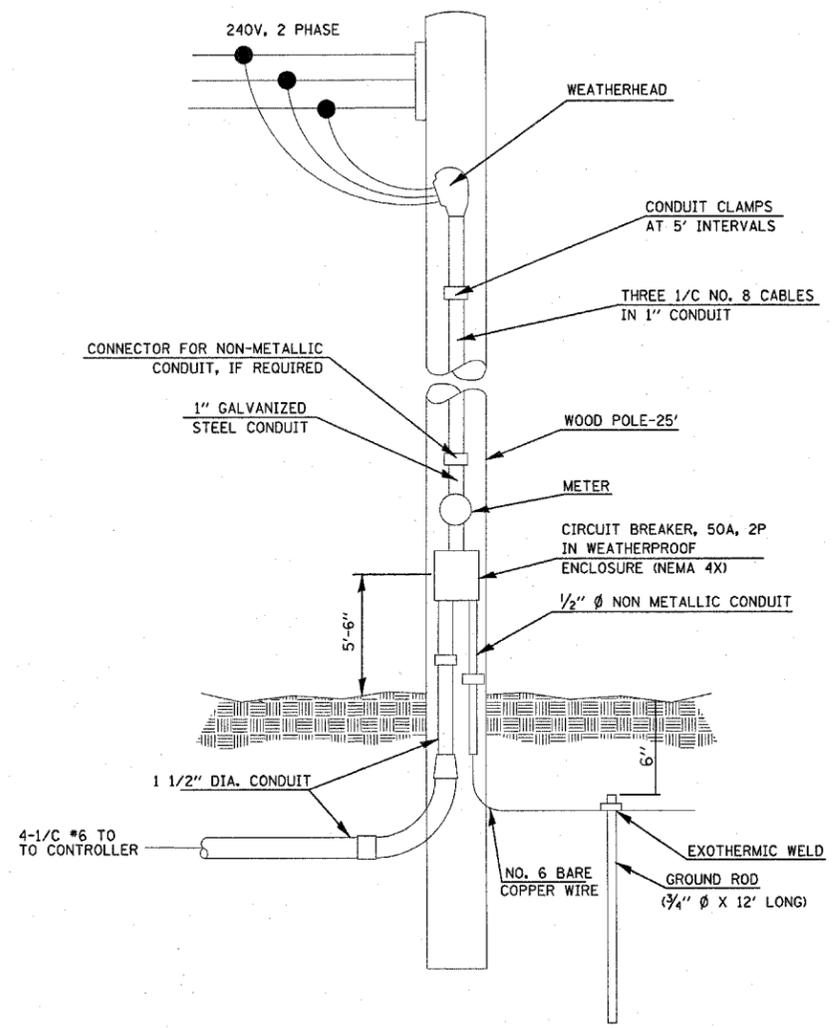
POLE MOUNTED CCTV DETAIL WITH
CAMERA LOWERING DEVICE

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 ITS 2009-1	MADISON	28	11
*255/270			CONTRACT NO. 76B53	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



Camera Lowering Device for Pole Mounting Multi-Function Surveillance Cameras
CLDMG2-HYP-050-ST-D



SERVICE INSTALLATION, TYPE A
NOT TO SCALE

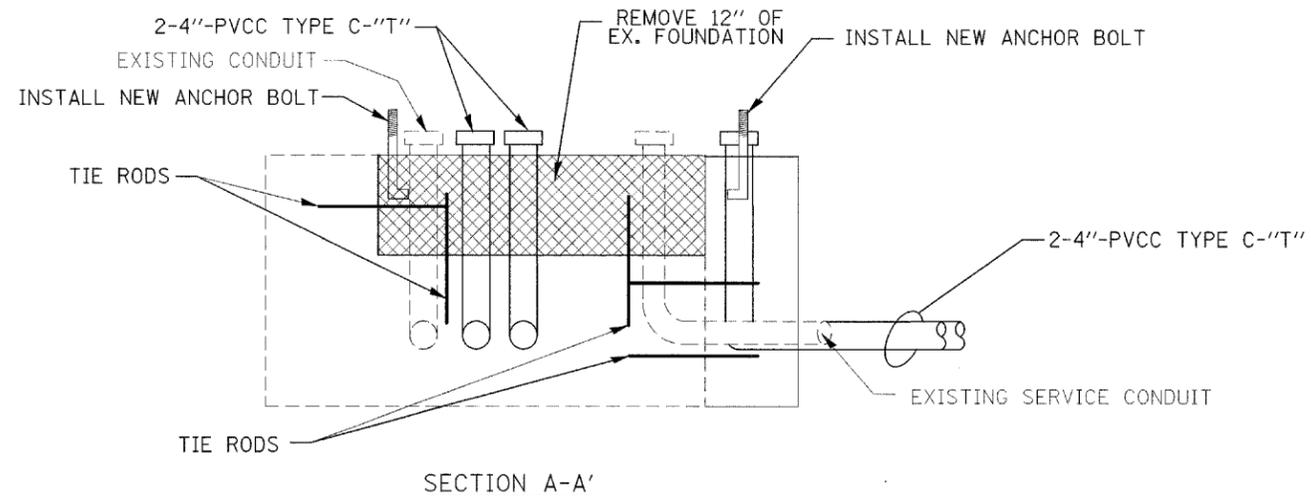
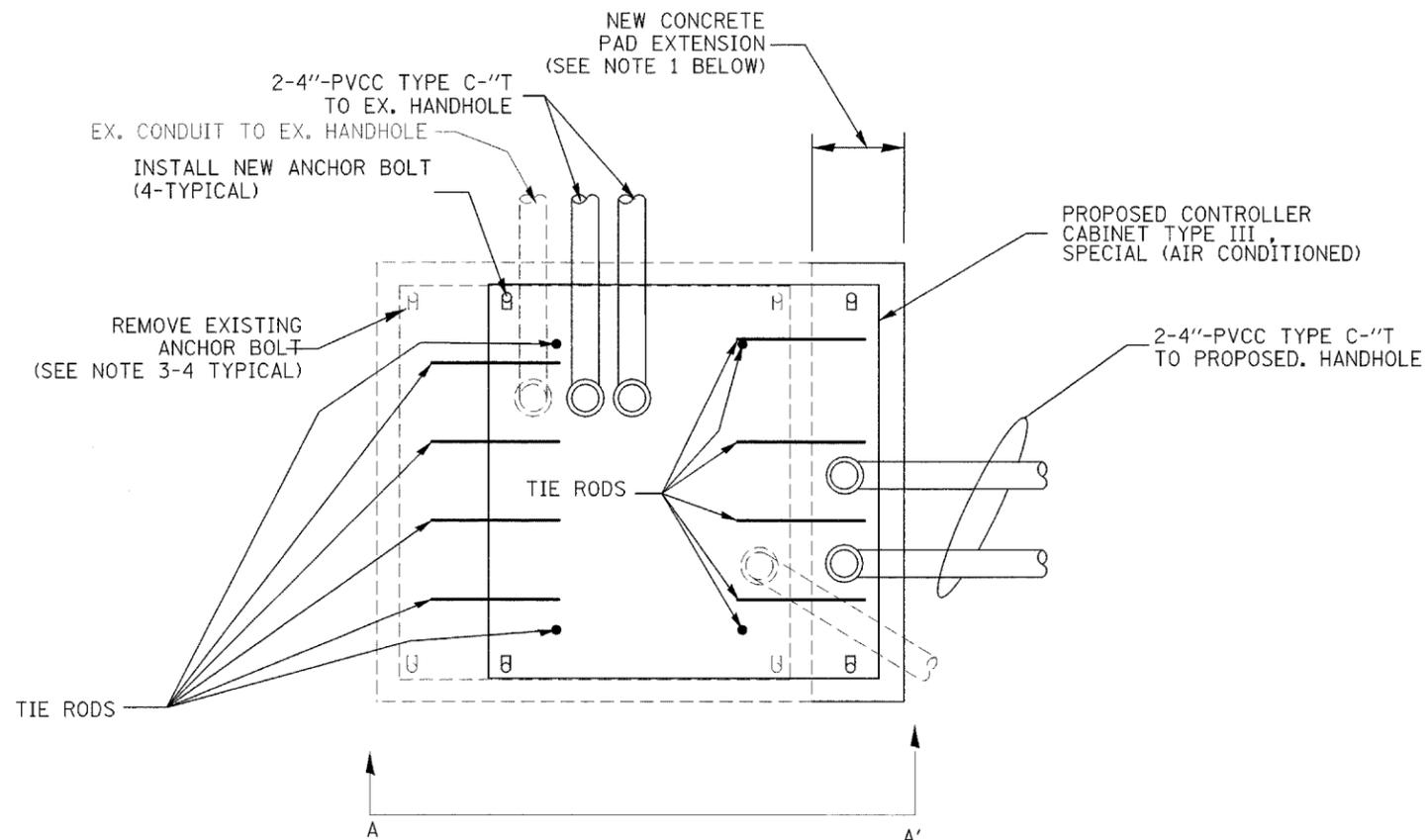
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

POLE MOUNTED CCTV DETAIL WITH CAMERA LOWERING DEVICE
AND SERVICE INSTALLATION DETAILS

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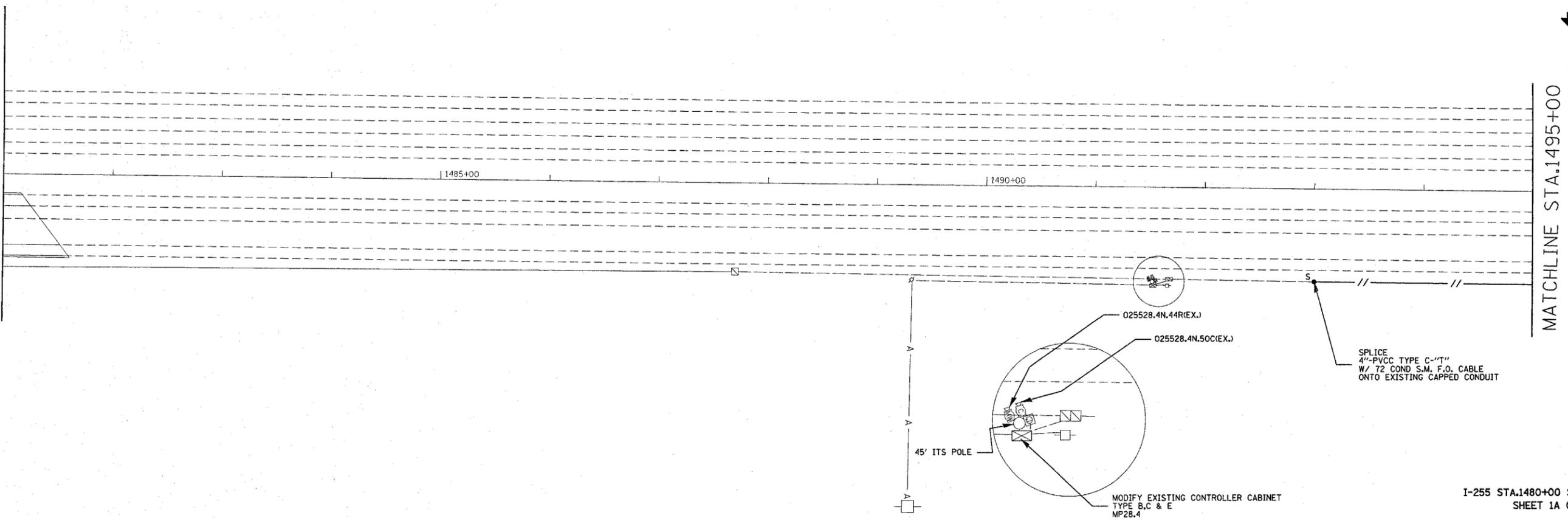
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B53	



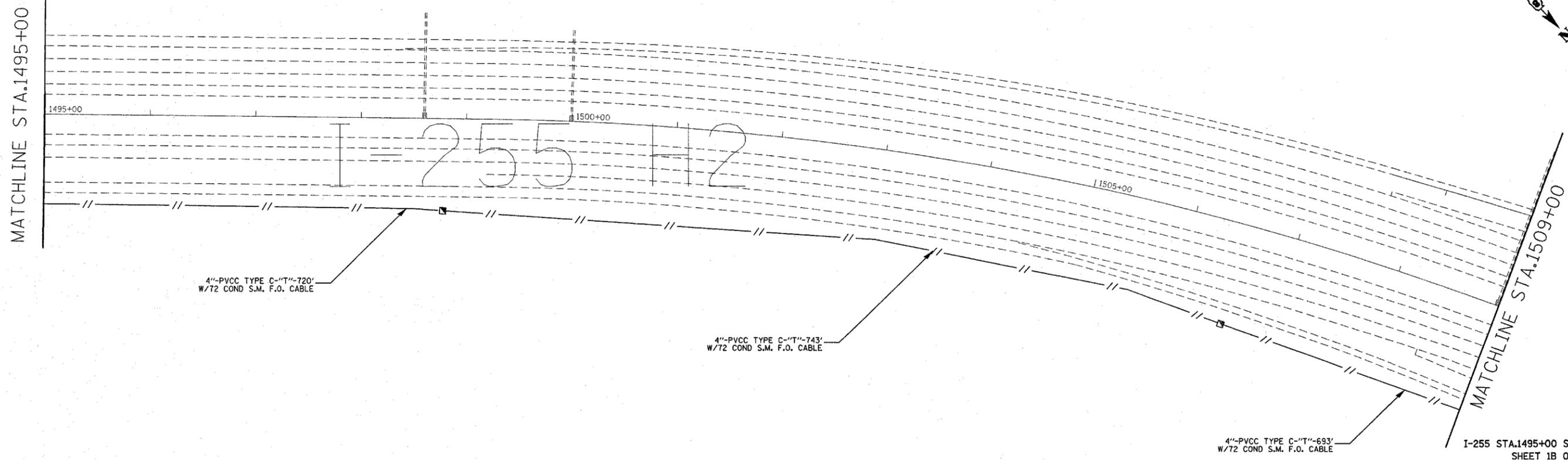
NOTES:

1. CONFIRM PAD EXTENSION DIMENSIONS TO ACCOMMODATE EXISTING AND PROPOSED CONDUITS AND PROPOSED CONTROLLER CABINET TYPE III, SPECIAL (AIR CONDITIONED)
2. SPLICING NEW CONDUIT TO EXISTING CONDUITS ARE INCIDENTAL TO "MODIFY EXISTING CONTROLLER FOUNDATION".
3. EXISTING ANCHOR BOLTS SHALL BE CUT FLUSH WITH TOP OF FOUNDATION.

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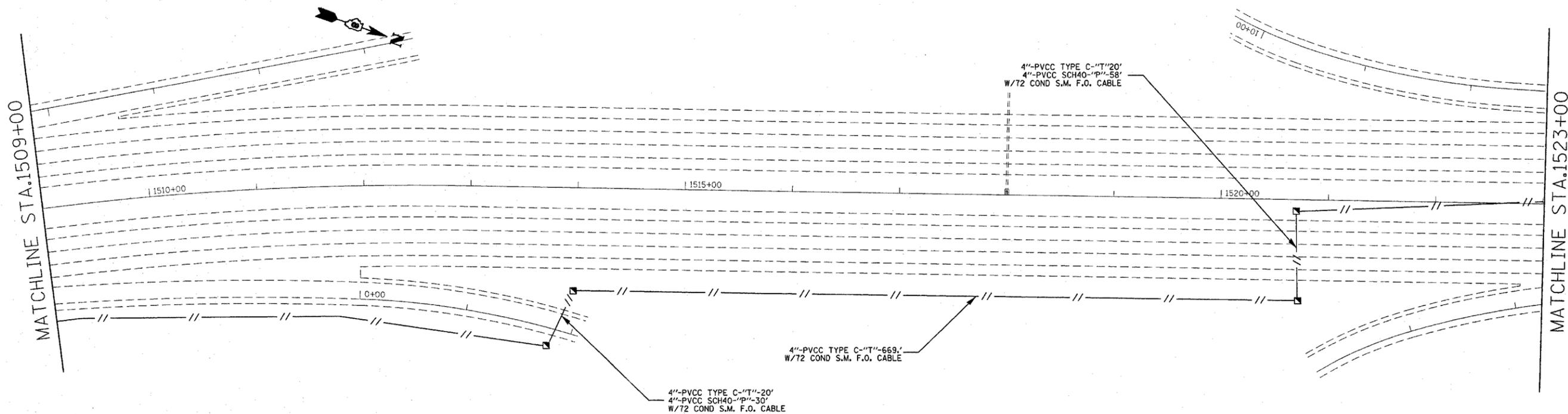
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SHEET 1A OF 10



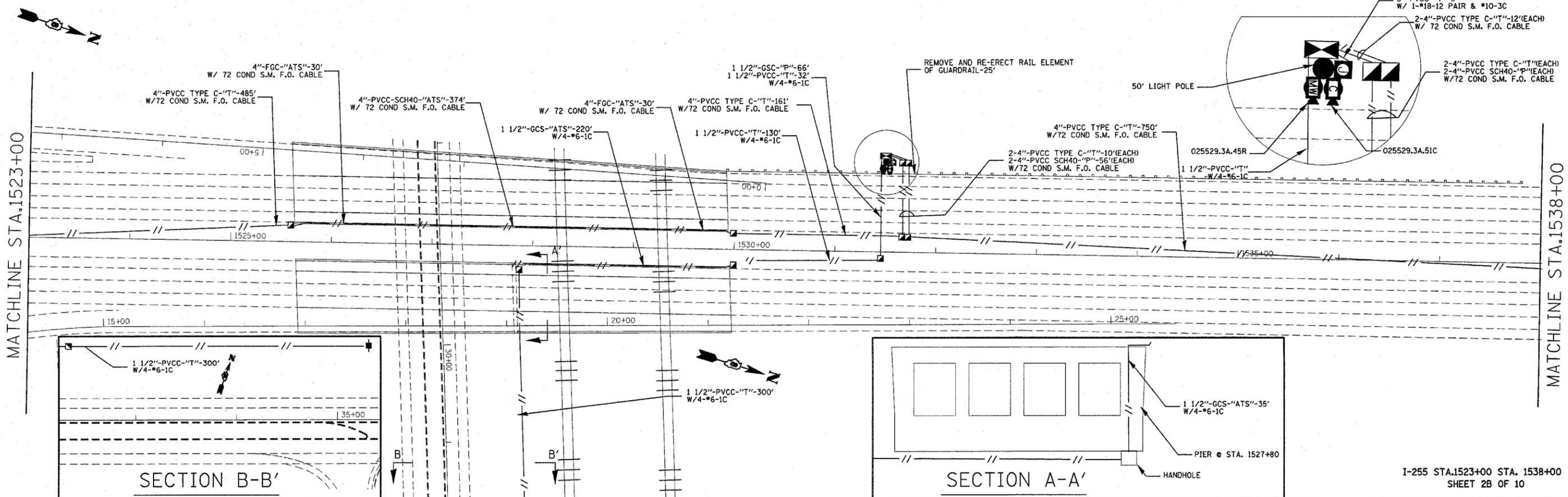
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SHEET 1B OF 10

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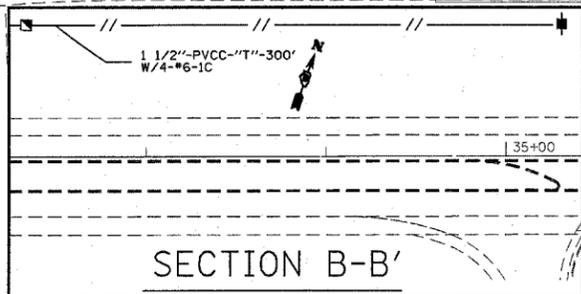
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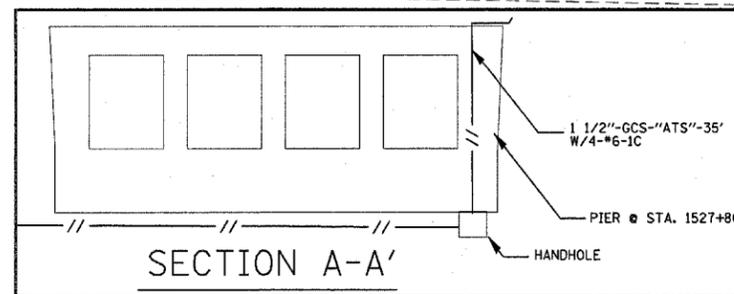
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SHEET 2A OF 10



I-25 STA.1523+00 STA. 1538+00
SHEET 2B OF 10



SECTION B-B'



SECTION A-A'

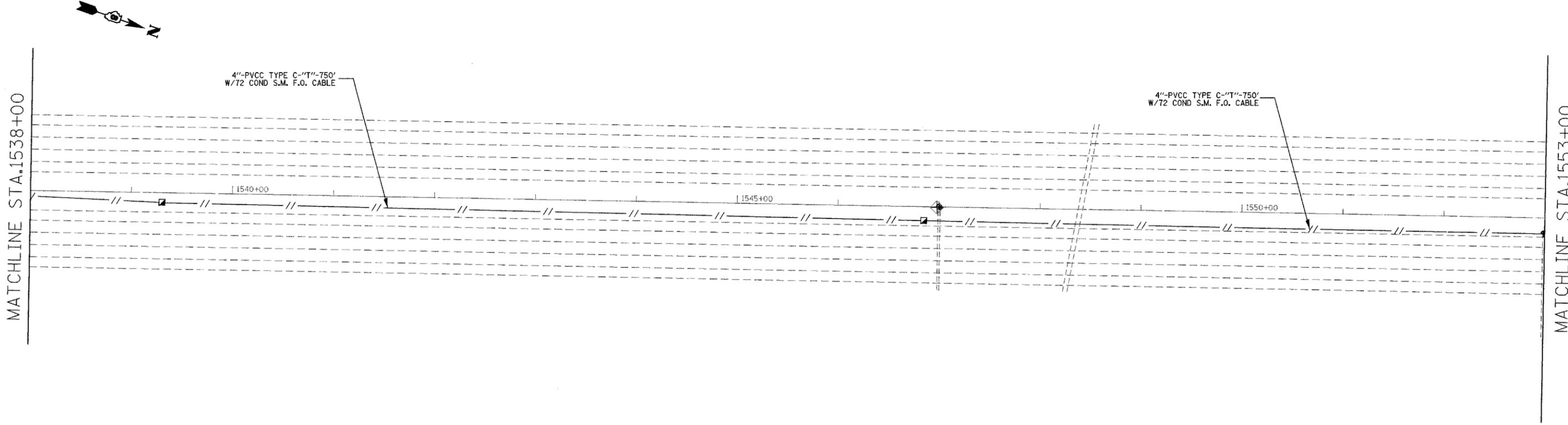
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

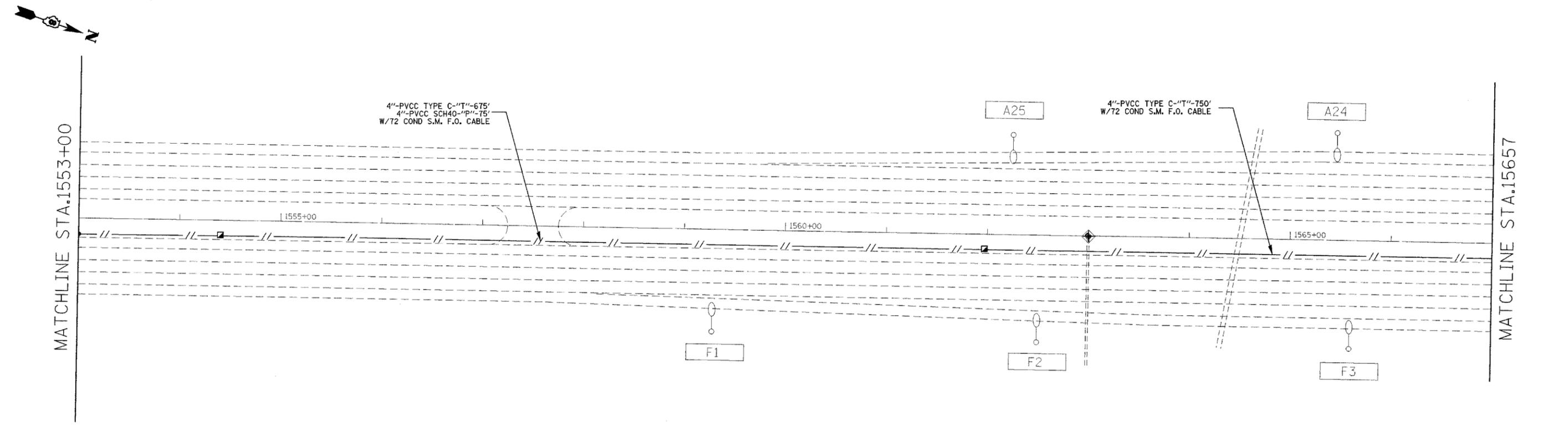
ITS PLAN

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*255/270	DIST 8 ITS 2009-1	MADISON	28	15
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76B53	



I-25 STA.1538+00 STA. 1553+00
SHEET 3A OF 10



I-25 STA.1553+00 STA. 1567+00
SHEET 3B OF 10

PLOT DATE: 3/18/2008
 FILE NAME: c:\projects\ed02608\electrical\itspin02608a.dgn
 USER: ed02608
 REFERENCE: REF

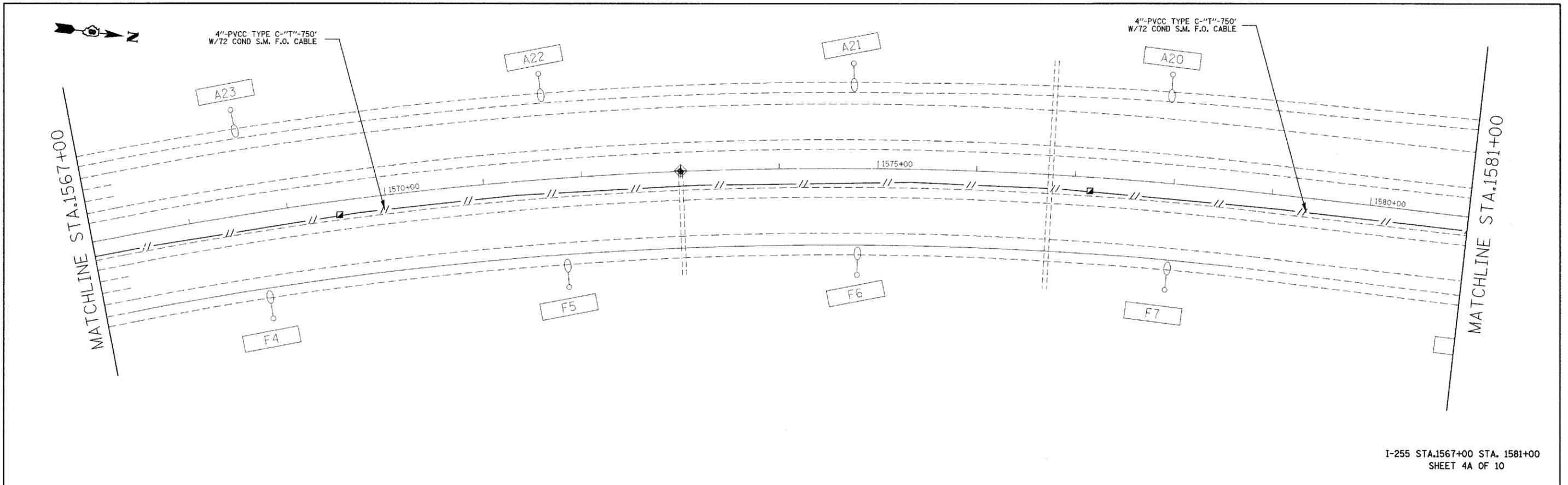
FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -
c:\projects\ed02608\electrical\itspin02608a.dgn		DRAWN -	REVISED -
	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/18/2008	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

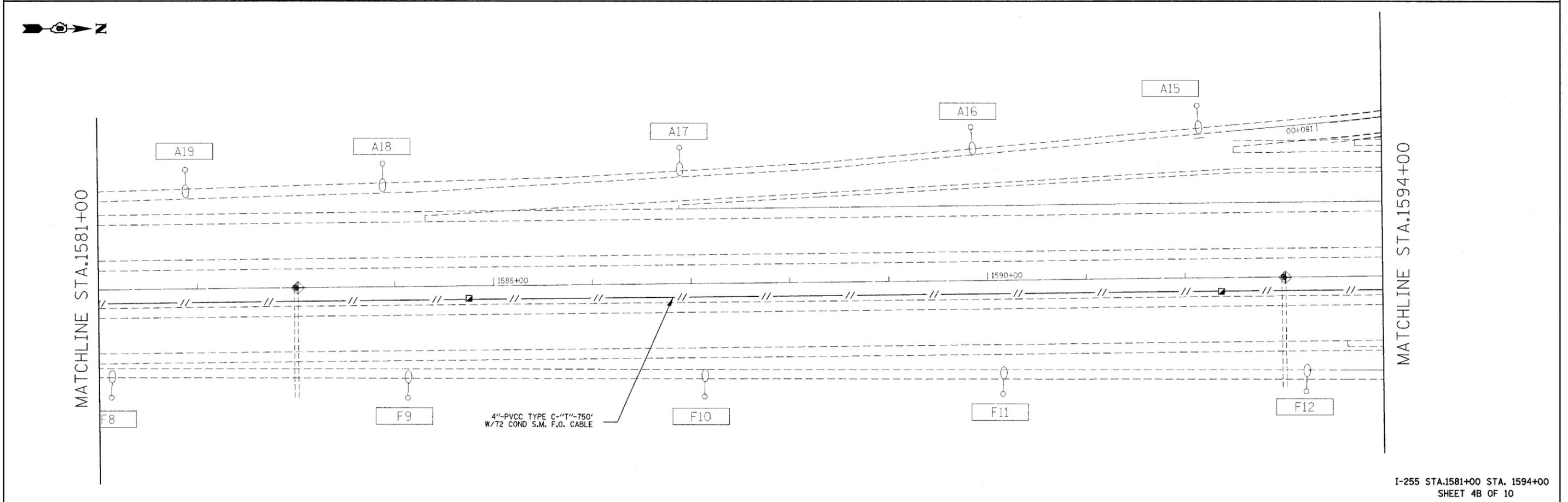
ITS PLAN

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2009-1	MADISON	28	16
•255/270			CONTRACT NO. 76B53	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



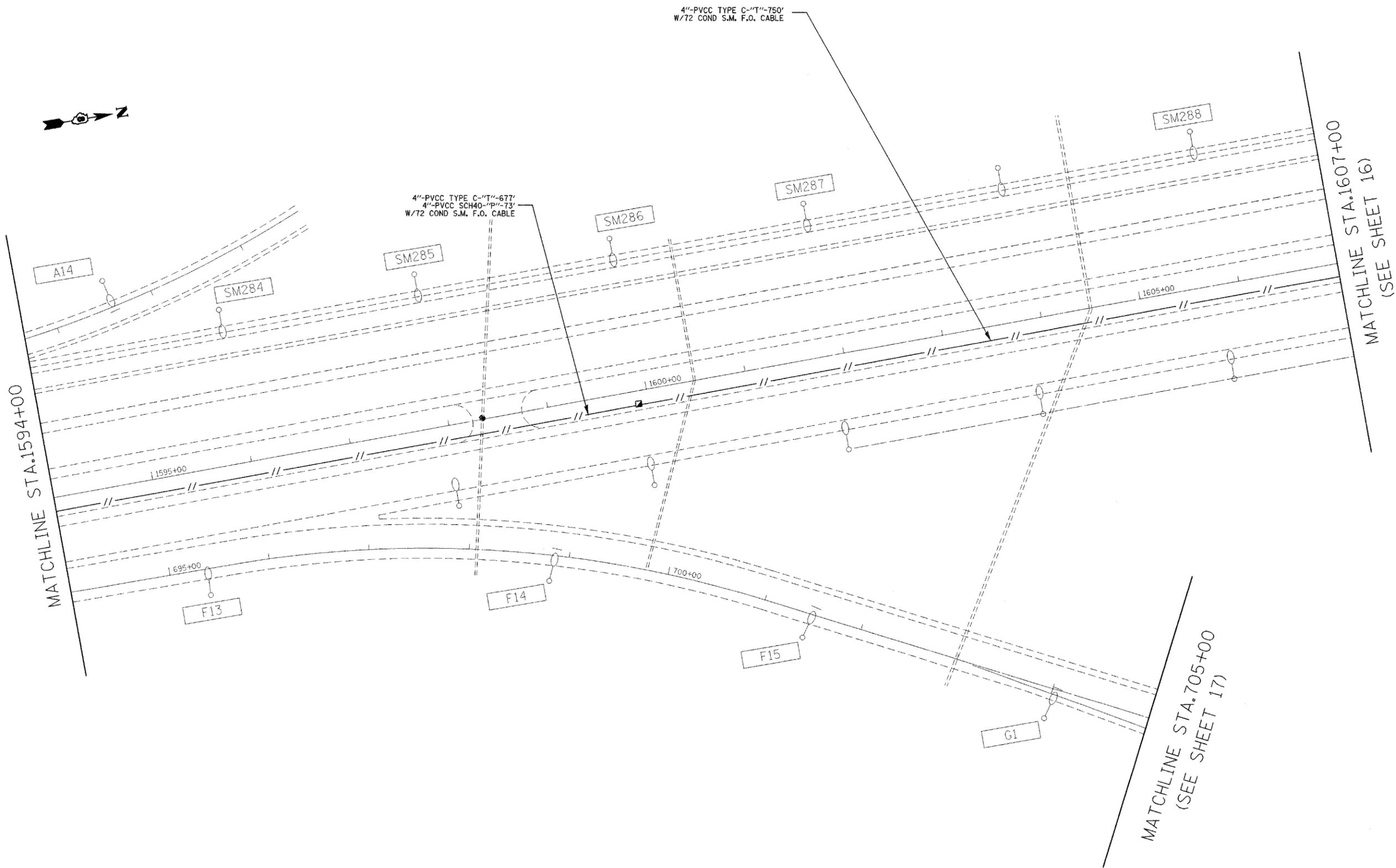
I-25 STA.1567+00 STA. 1581+00
SHEET 4A OF 10



I-25 STA.1581+00 STA. 1594+00
SHEET 4B OF 10

PLOT DATE = 3/18/2008
 PLOT SCALE = 50.0000' / IN.
 PLOT SCALE REFERENCE = REF#

FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\ed82688\electrical\itsp\in28	88a.dgn	DRAWN -	REVISED -			•	DIST 8 ITS 2009-1	MADISON	28	17
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			•255/270	CONTRACT NO. 76B53			
	PLOT DATE = 3/18/2008	DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



I-255 STA.1594+00 STA. 1607+00
SHEET 5 OF 10

PLOT DATE= 3/18/2008
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 PLOT SCALE= 50.0000' / IN.
 REFERENCE= \$REF\$

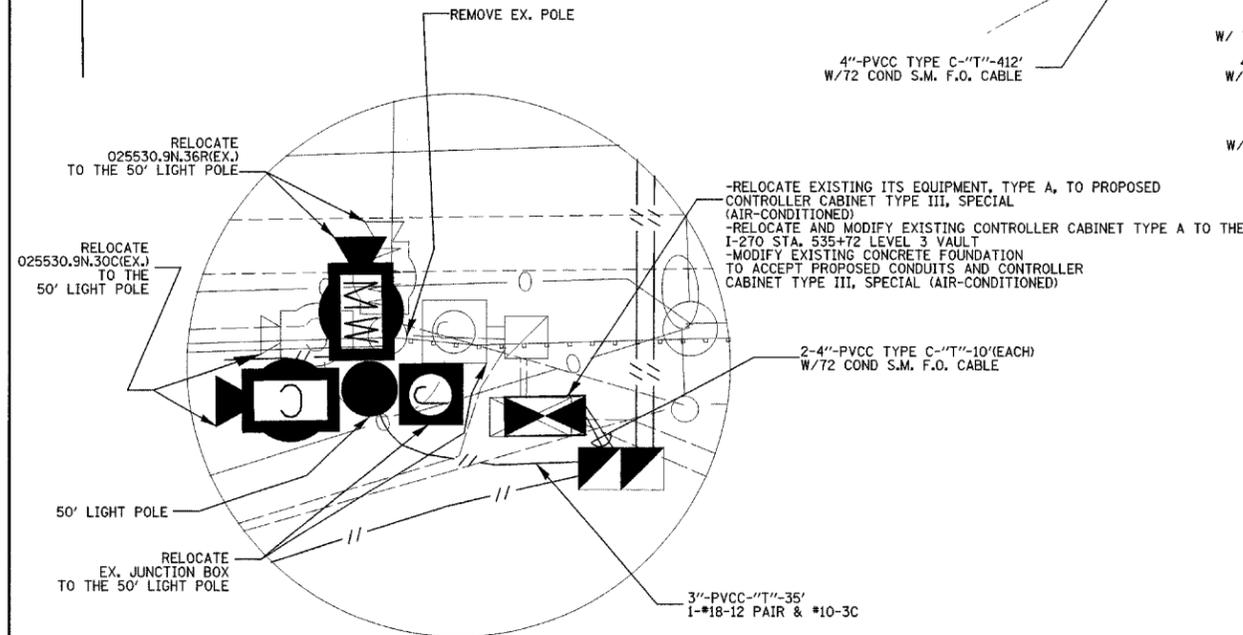
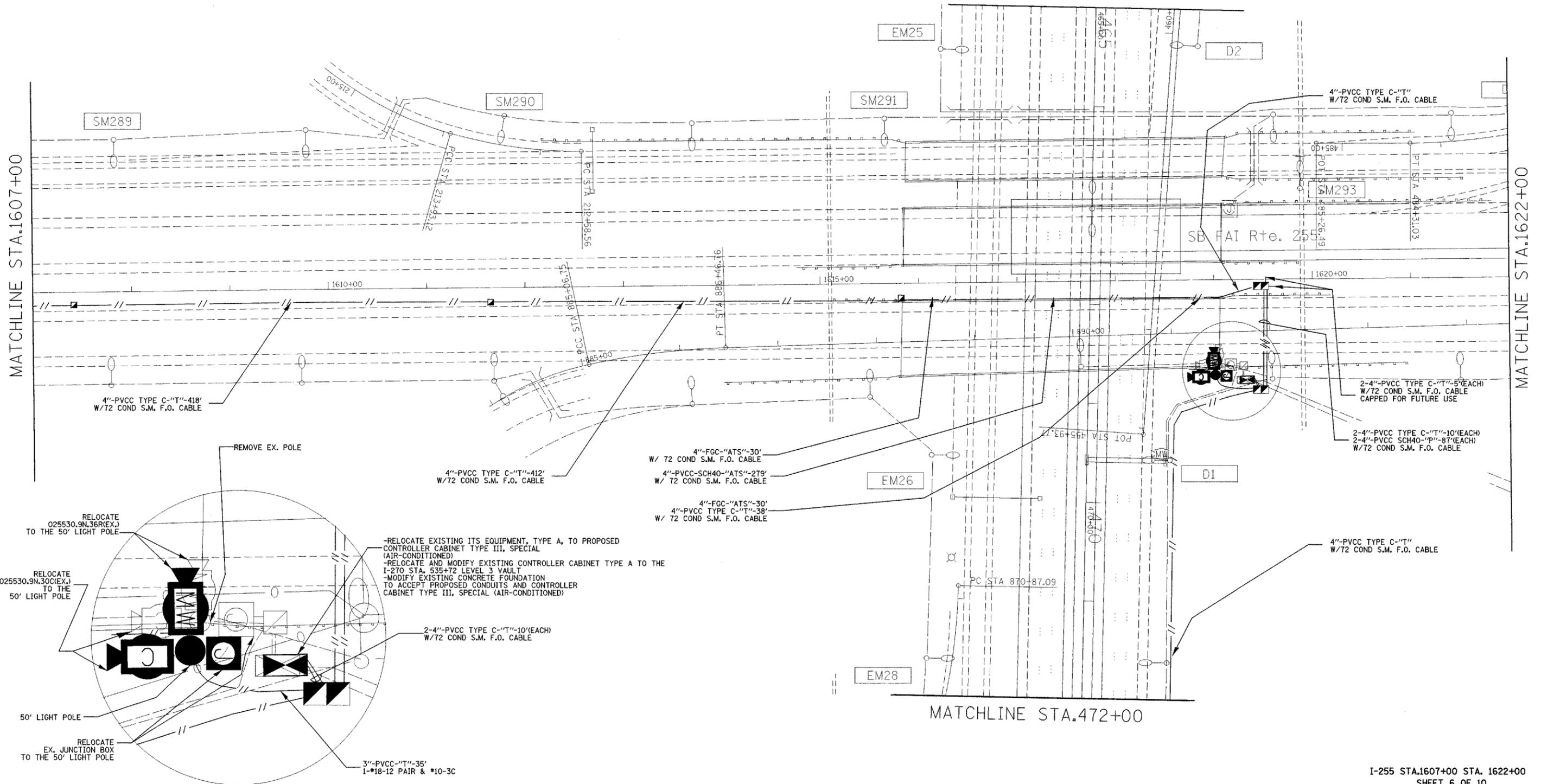
FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -
c:\projects\ed02608\electrical\itspin02608a.dgn		DRAWN -	REVISED -
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/18/2008		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN

SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2009-1	MADISON	28	18
#255/270			CONTRACT NO. 76B53	
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				



I-255 STA.1607+00 STA. 1622+00
SHEET 6 OF 10

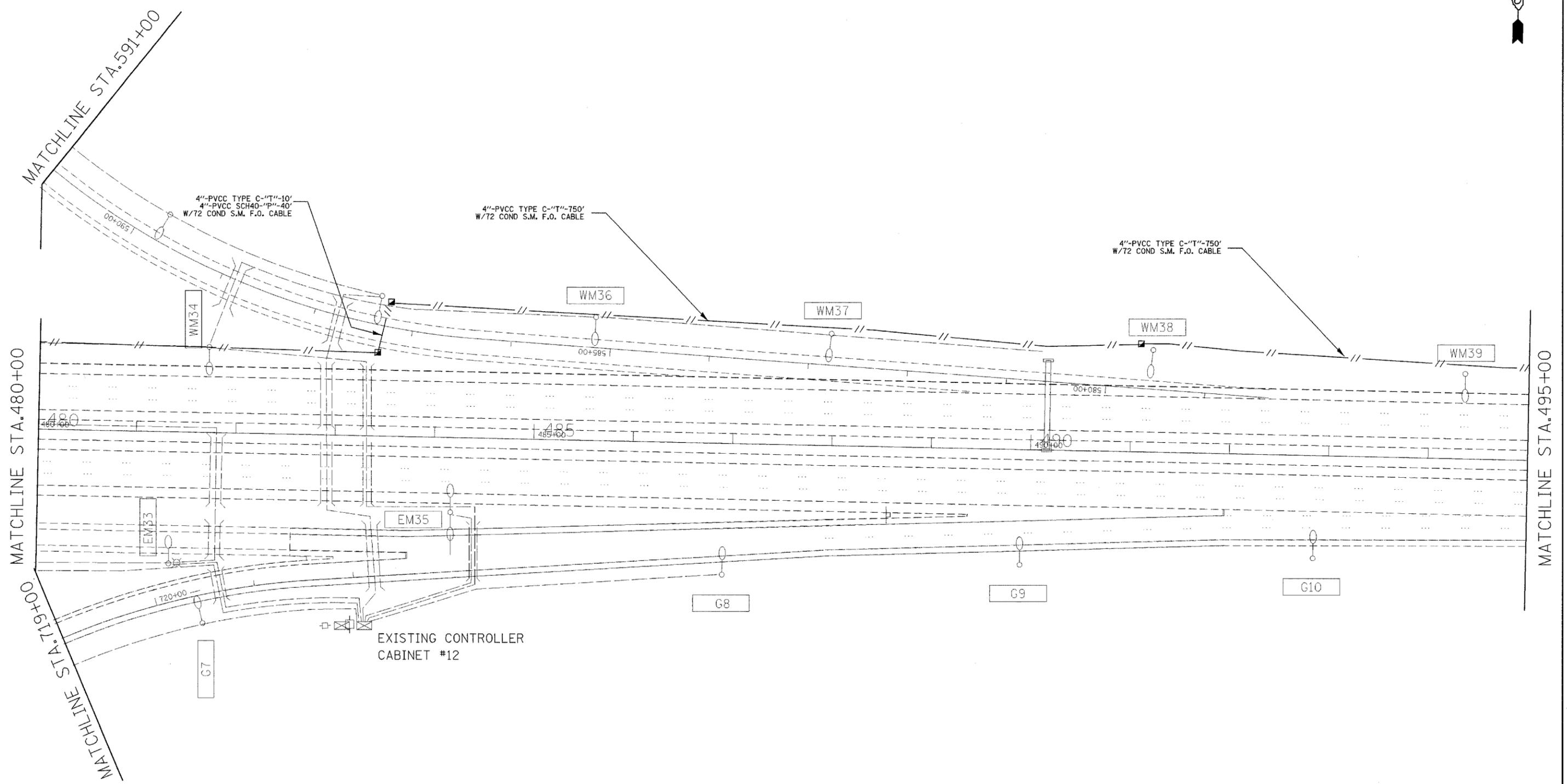
PLOT DATE= 3/18/2008
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 REFERENCE= 8REF\$

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		DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/18/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ITS PLAN
 SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2009-1	MADISON	28	19
•255/270			CONTRACT NO. 76B53	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



EXISTING CONTROLLER
CABINET #12

I-270 STA.480+00 STA. 495+00
SHEET 8 OF 10

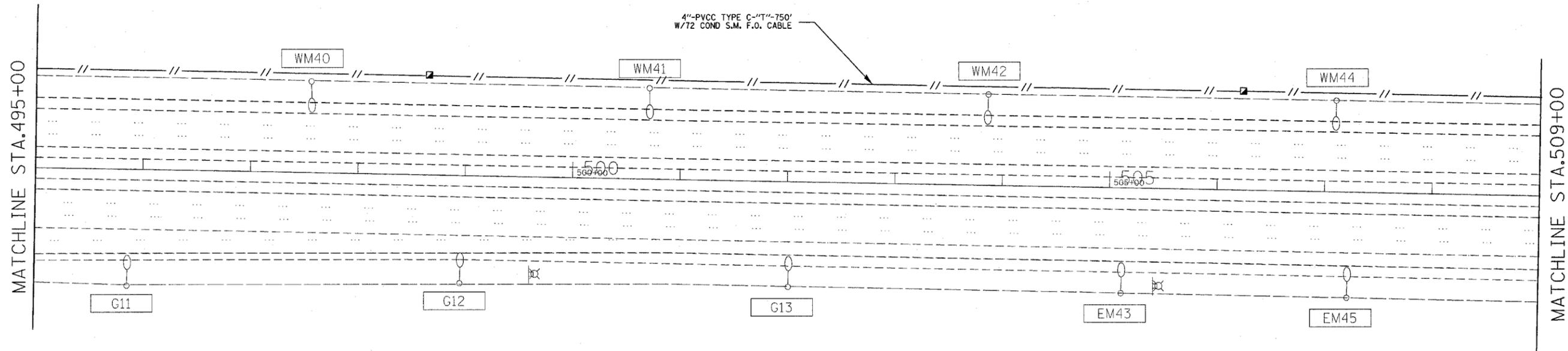
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 REFERENCE = REF\$

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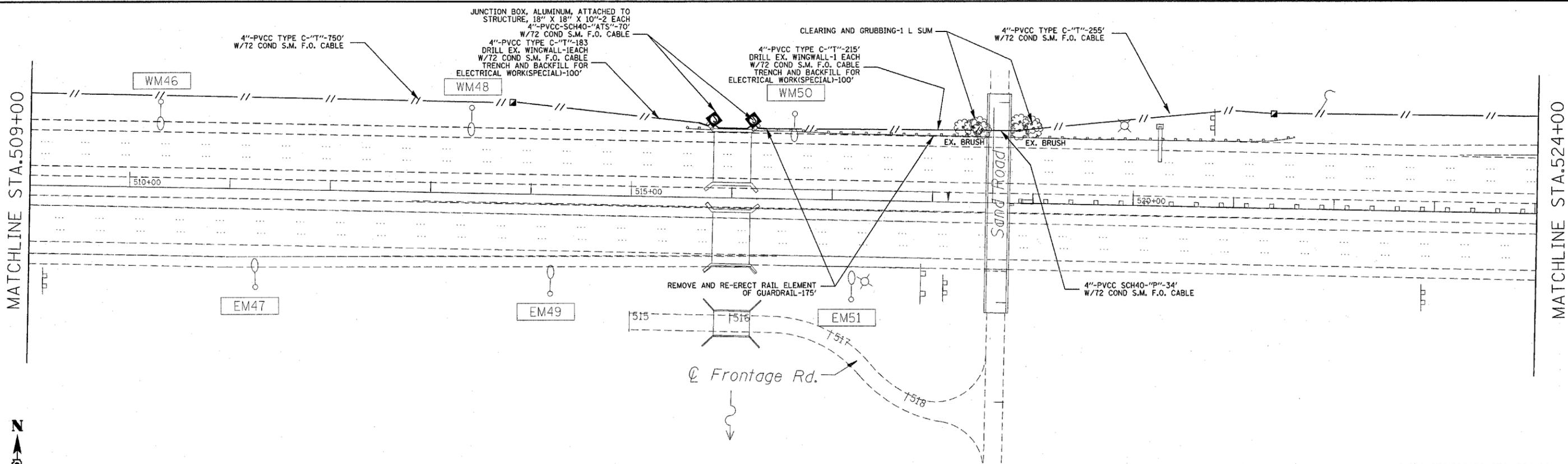
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ITS PLAN	
SCALE: _____	SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.I. RTE. •	SECTION DIST 8 ITS 2009-1	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 21
*255/270			CONTRACT NO. 76B53	
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



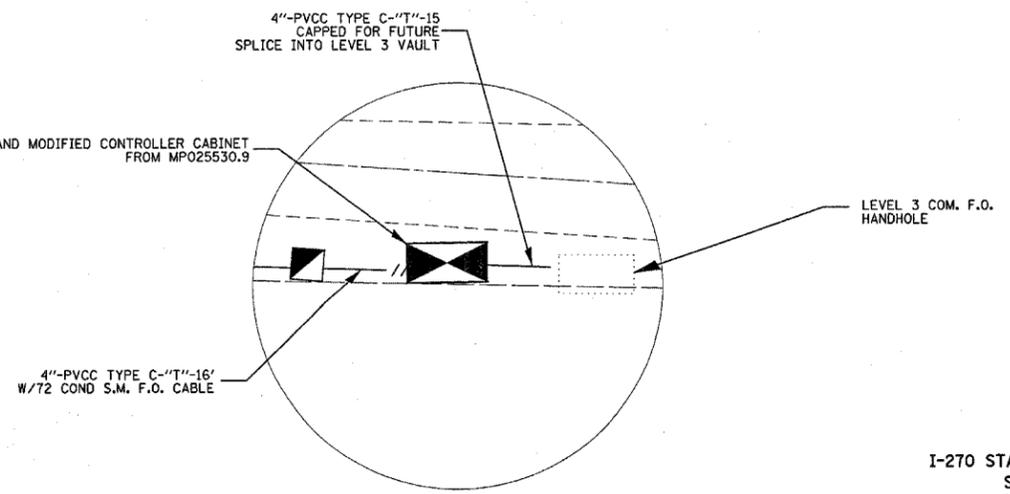
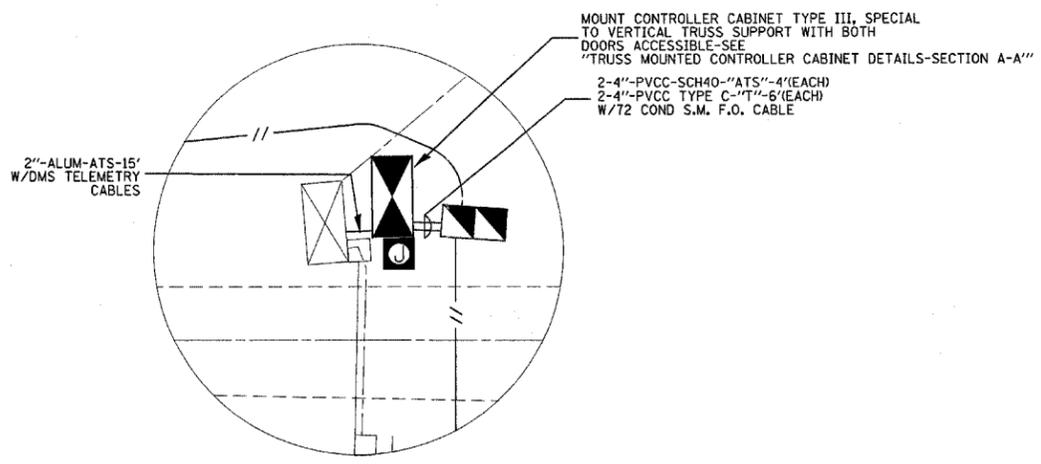
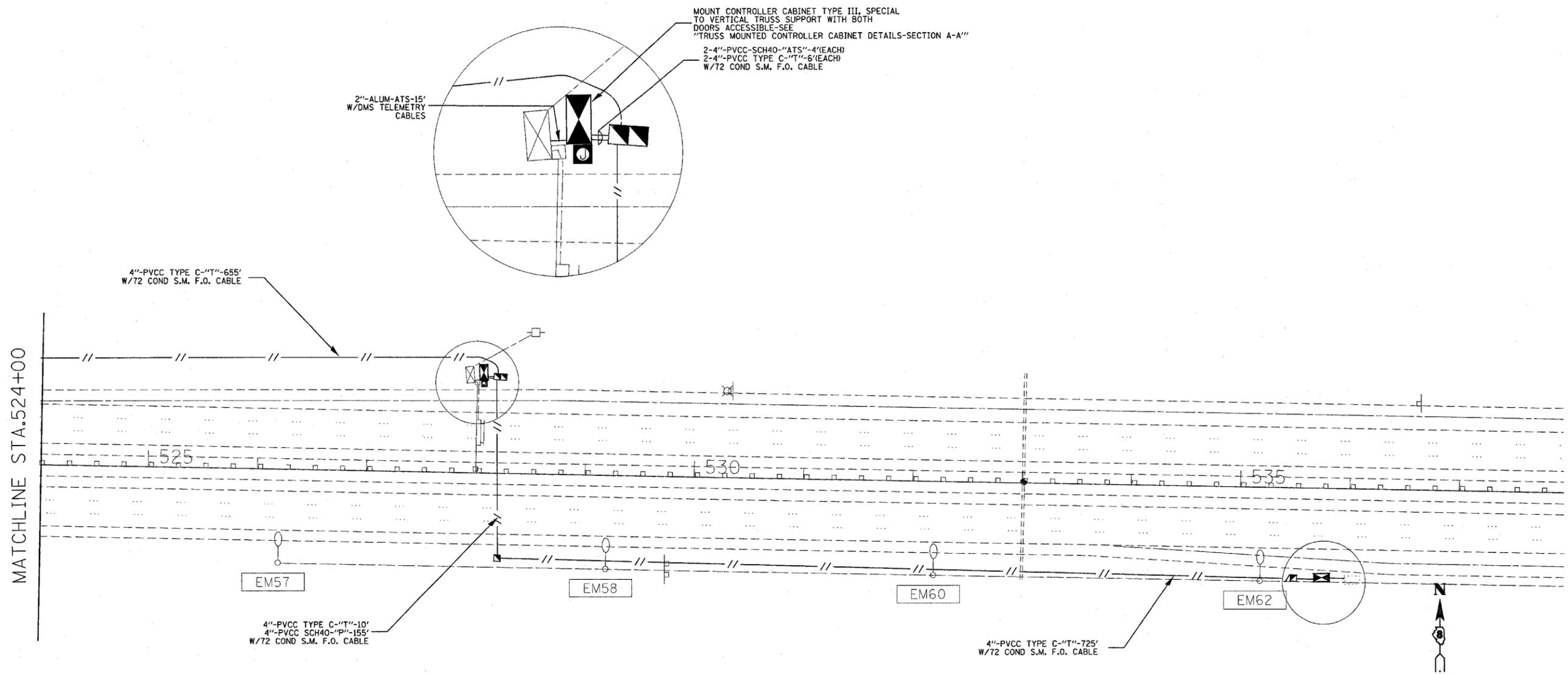
I-270 STA.495+00 STA. 509+00
SHEET 9A OF 10



I-270 STA.509+00 STA. 524+00
SHEET 9B OF 10

PLOT DATE= 4/17/2008
 FILE NAME = c:\projects\ed02608\electrical\tspln02608a.dgn
 PLOT SCALE = 50.0000' / IN.
 REFERENCE SHEET

FILE NAME =	USER NAME = prastorne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\projects\ed02608\electrical\tspln02608a.dgn		DRAWN -	REVISED -			•	DIST 8 ITS 2009-1	MADISON	28	22	
		CHECKED -	REVISED -			•255/270					CONTRACT NO. 76B53
		DATE -	REVISED -			FED. ROAD DIST. NO. -	ILLINOIS	FED. AID PROJECT			
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____											



MATCHLINE STA.524+00

I-270 STA.524+00 STA. 536+00
SHEET 10 OF 10

PLOT DATE = 4/17/2008
FILE NAME = c:\projects\ed2688\electrical\itspin02608a.dgn
PLOT SCALE = 50.0000' / IN.
REFERENCE = SREF

FILE NAME =	USER NAME = prestonie	DESIGNED -	REVISD -
c:\projects\ed2688\electrical\itspin02608a.dgn		DRAWN -	REVISD -
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISD -
PLOT DATE = 4/17/2008		DATE -	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2009-1	MADISON	28	23
•255/270				CONTRACT NO. 76B53
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

Location (Fibers on North Side)

Fiber	025528.4	025529.3	025530.9
1-2	S	S	
3-4	S	S	N
5-6	T	S	O
7-8	S	T	P
9-10	S	S	F A
11-12	S	S	I S
13-14	S	S	B T
15-16	S	S	E
17-18	S	S	R H
19-20	S	S	E
21-22	S	S	R
23-24	S	S	E
25-72	S	S	

Location (Fibers on East Side)

Fiber	025530.9	027008.4
1-2	T	
3-4	T	N
5-6	T	O
7-8	T	P
9-10	T	F A
11-12	T	I S
13-14	T	B T
15-16	T	E
17-18	T	R H
19-20	T	E
21-22	T	R
23-24	T	E
25-26	S	
27-28	S	
29-72	T	

Location (Fibers on West Side)

Fiber	025530.9	027008.4
1-2		T
3-4	N	-B-
5-6	O	-B-
7-8	P	-B-
9-10	F A	-B-
11-12	I S	-B-
13-14	B T T	-B-
15-16	E	-B-
17-18	R H	-B-
19-20	E	-B-
21-22	R	-B-
23-24	E	-B-
25-72		-B-

Location (Fibers on South Side)

Fiber	025528.4	025529.3	025530.9
1-2		S	T
3-4	N	S	T
5-6	O	S	T
7-8	P	T	T
9-10	F A	S	T
11-12	I S	S	T
13-14	B T	S	T
15-16	E	S	T
17-18	R H	S	T
19-20	E	S	T
21-22	R	S	T
23-24	E	S	T
25-26		S	S
27-28		S	S
29-30		S	S
31-32		S	S
33-34		S	S
35-36		S	S
37-72		S	-B-

Splice with this contract fiber from east (Springfield)
 Splice with this contract fiber from east (Springfield spare)
 Splice with this contract fiber from East (ITS I-270 East future expansion home run to TMC)
 Splice with this contract fiber from East (ITS I-270 East future expansion home run to TMC)
 Splice with ITS 2009-2 fiber from West
 Splice with ITS 2009-2 fiber from West

Total Splices=152
 Total Terminations=178
 T=Terminate Fiber S=Splice Fiber -UC-=Uncut Fiber Run -B-=Bare (Unused)

LOCATION	CISCO SWITCH				SFP / GBIC MODULES* (IF APPLICABLE)				SERIAL TO ETHERNET CONVERTER
	WS-C3750G-12S-E	WS-CE500G-12TC	WS-C2955S-12	WS-C3560-24PS-E	SFP-GE-L	SFP-GE-Z	GLC-FE-100LX	GLC-T	
MP025529.3				1	2				1
MP025530.9	1	1			5		1	1	2
MP027008.4			1						1
TMC									
TOTALS:	1	1	1	1	7		1	1	4

SFP-GE-L = Standard Fiber SFP
 SFP-GE-Z = Long Haul Fiber SFP
 GLC-FE-100LX = 100 Meg SMF SFP
 GLC-T = Gigabit Copper SFP

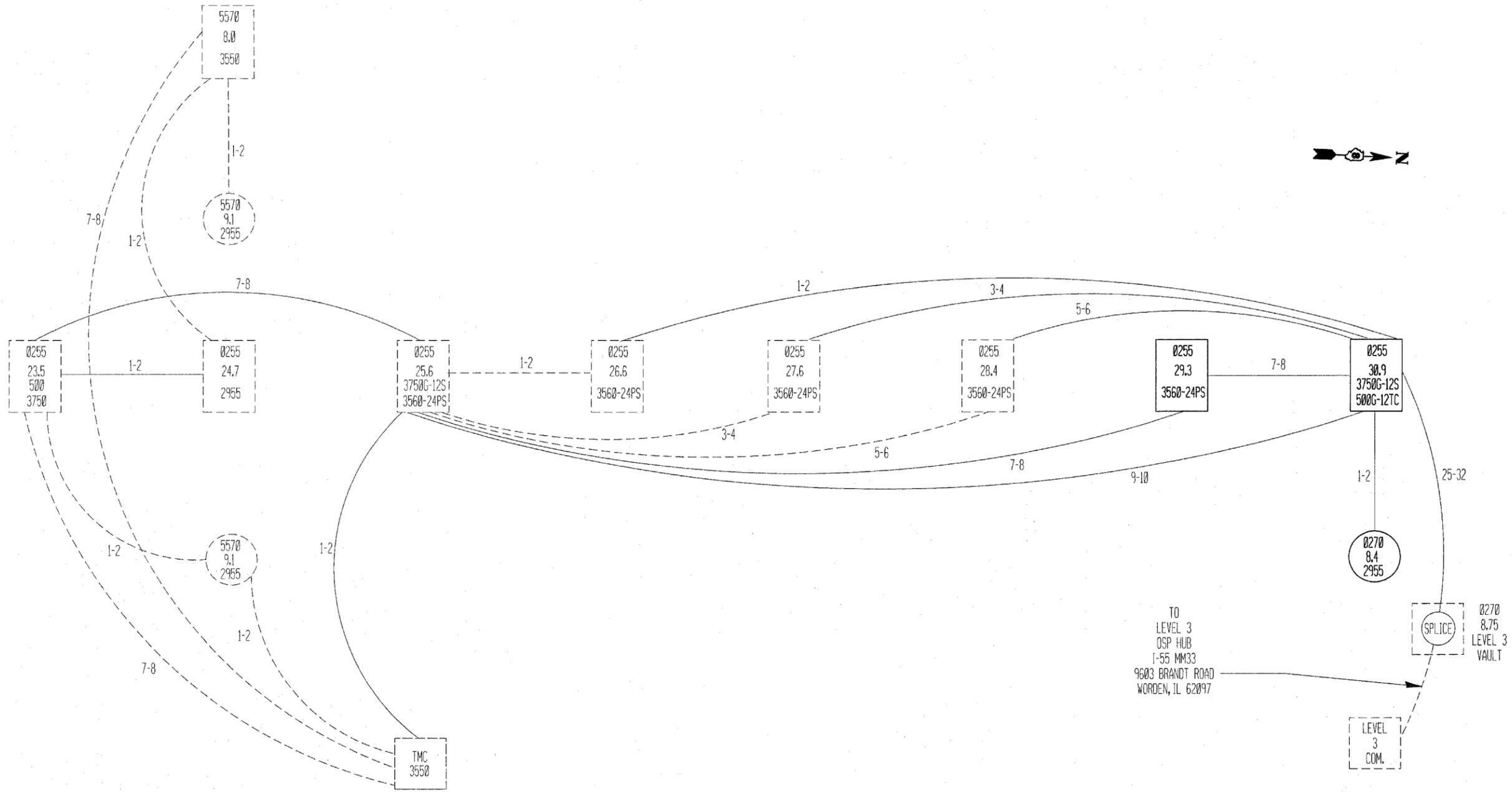
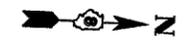
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 FILE NAME = c:\projects\ed02600\electrical\itspin02600a.dgn
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 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 REVISED -
 REVISED -
 REVISED -
 REVISED -
 REFERENCE =

FILE NAME =	USER NAME = prestone	DESIGNED -	REVISED -
c:\projects\ed02600\electrical\itspin02600a.dgn		DRAWN -	REVISED -
PLOT SCALE = 50.0000 / IN.		CHECKED -	REVISED -
PLOT DATE = 4/17/2008		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TERMINATION-SPICES TOTALS & SWITCH SCHEDULE			
SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____	TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2009-1	MADISON	28	24
#255/270			CONTRACT NO. 76B53	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- ➔ ODD TO THE NORTH
- ➚ EVEN TO THE SOUTH
- ➔ ODD TO THE EAST
- ➚ EVEN TO THE WEST

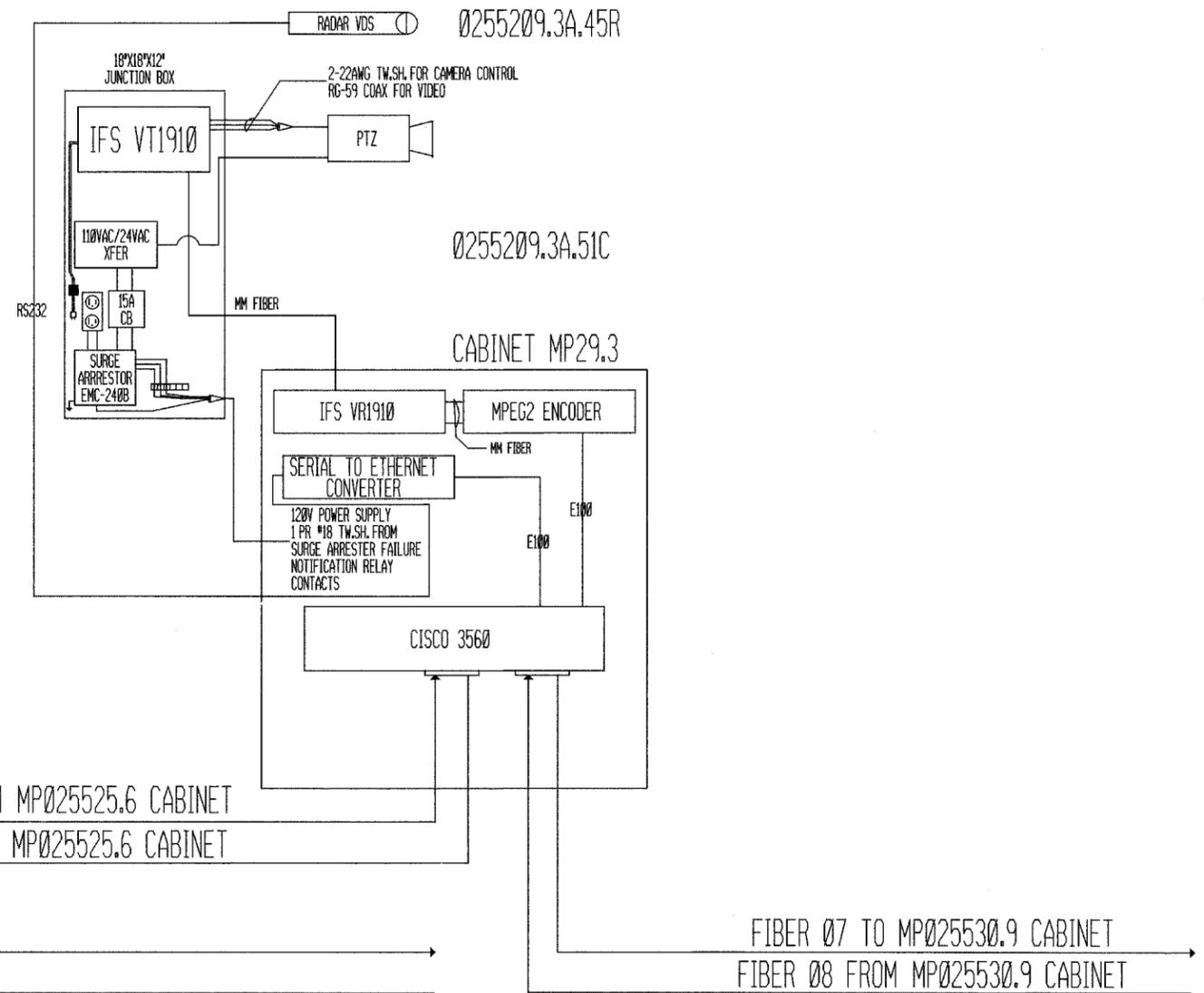
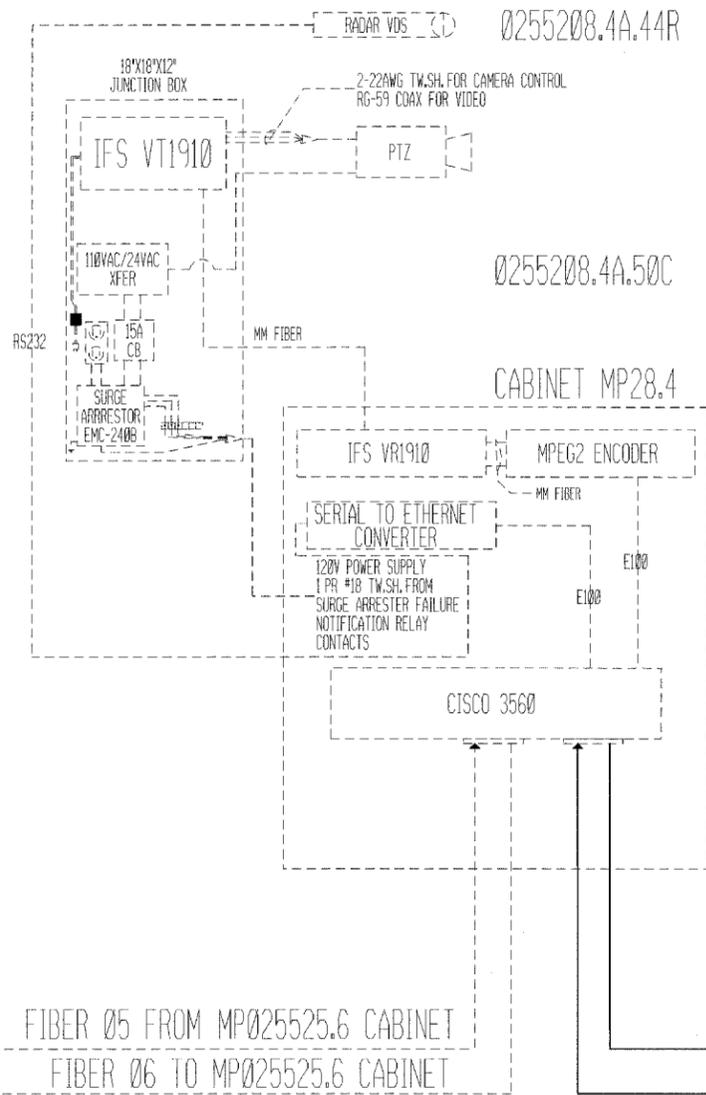
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 REFERENCE = \$REF\$

FILE NAME =	USER NAME = prestonme	DESIGNED - ---	REVISED - ---
c:\projects\ed02608\electrical\ispin02608a.dgn		DRAWN - ---	REVISED - ---
	PLOT SCALE = 50.0000 "/ IN.	CHECKED - ---	REVISED - ---
	PLOT DATE = 4/17/2008	DATE - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMMUNICATION SYSTEM COVER SHEET	
SCALE: _____	SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

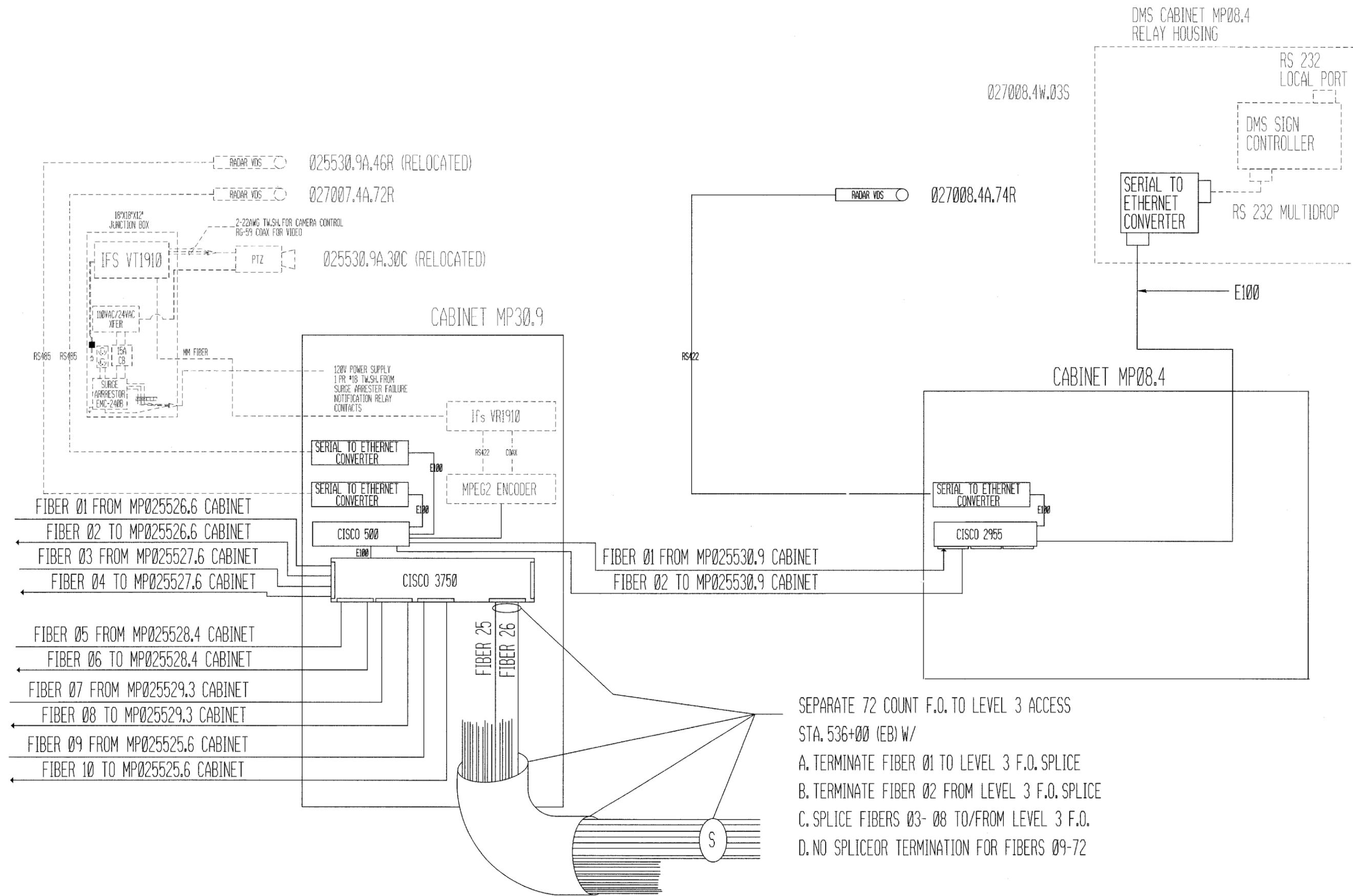
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2009-1	MADISON	28	25
•255/270		CONTRACT NO. 76B53		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				



PLOT DATE = 3/18/2008
 FILE NAME = c:\projects\ed02608\electrical\ispin02608.dgn
 PLOT SCALE = 50.0000' / IN.
 REFERENCE = REF#

FILE NAME = c:\projects\ed02608\electrical\ispin02608.dgn	USER NAME = prestone	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMUNICATION SHEET MP025528.4 CABINET TO MP025529.3 CABINET	F.A.I. RTE. •	SECTION DIST 8 ITS 2009-1	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 26	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	SCALE: _____			SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/18/2008	DATE -	REVISED -	CONTRACT NO. 76B53								

PLOT DATE = 3/18/2008
 FILE NAME = c:\projects\ed02608\electrical\tspln02608a.dgn
 PLOT SCALE = 500000 / IN.
 REFERENCE = REF\$



SEPARATE 72 COUNT F.O. TO LEVEL 3 ACCESS
 STA. 536+00 (EB) W/
 A. TERMINATE FIBER 01 TO LEVEL 3 F.O. SPLICE
 B. TERMINATE FIBER 02 FROM LEVEL 3 F.O. SPLICE
 C. SPLICE FIBERS 03- 08 TO/FROM LEVEL 3 F.O.
 D. NO SPLICE OR TERMINATION FOR FIBERS 09-72

FILE NAME = c:\projects\ed02608\electrical\tspln02608a.dgn	USER NAME = prestonne 08a.dgn	DESIGNED - --- DRAWN - --- CHECKED - --- DATE - ---	REVISED - --- REVISED - --- REVISED - --- REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMUNICATION SHEET MP025530.9 CABINET TO MP027008.4 CABINET			F.A.I. RTE. • •255/270	SECTION DIST 8 ITS 2009-1	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 27
					SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 76B53 ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation
 Division of Highways
 Illinois Department of Transportation

SOIL BORING LOG

Date 12/13/06

ROUTE FAI 255 DESCRIPTION I-255 SB ITS Light Tower Foundation, North of IL 162 LOGGED BY E. Stewart

SECTION Dist 8 ITS 2007-1.2A LOCATION SE 14, SEC. 1, TWP. 3N, RNG. 9W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 025529.3S.51C/45R
 Station _____
 BORING NO. #8
 Station 1531+50
 Offset 4.00ft Left EOP
 Ground Surface Elev. _____ ft

D
E
P
T
H

B
L
O
W
S

U
M
O
I
S
T
R
E
T
H

(ft) (bl) (%)

Surface Water Elev. NA ft
 Stream Bed Elev. NA ft
 Groundwater Elev.:
 First Encounter Dry Hole ft
 Upon Completion ft
 After Hrs. ft

Light Gray Clay LOAM	9		
	13	1.74	18
	14	5/10	
Light Brown Silty Clay LOAM	7		
	9	1.39	20
	13	5/10	
Light Brown Silty Clay LOAM	4		
	7	1.94	26
	13	9/10	
Light Brown Silty Clay LOAM	4		
	7	1.70	26
	9	8/10	
Light Brown Silty Clay LOAM	16		
	20	0.97	17
	21	5/15	
Light Brown Silty Clay LOAM	6		
	13	1.47	18
	23	5/10	
End of Boring			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
 BBS, from 137 (Rev. 8-99)

PLOT DATE = 3/18/2008
 FILE NAME = c:\projects\ed02609\electrical\itspin02609a.dgn
 PLOT SCALE = 50.0000' / IN.
 REFERENCE = \$REF\$

FILE NAME = c:\projects\ed02609\electrical\itspin02609a.dgn	USER NAME = prestonm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.I. RTE. *	SECTION DIST 8 ITS 2009-1	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 28		
PLOT SCALE = 50.0000' / IN.	PLOT DATE = 3/18/2008	DRAWN -	REVISED -			SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
		CHECKED -	REVISED -			CONTRACT NO. 76B53						
		DATE -	REVISED -									