

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	DIST 8 ITS 2010-1	ST. CLAIR	34	1
FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 76C36		

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34. SOIL BORING LOG

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**PROPOSED
HIGHWAY PLANS**

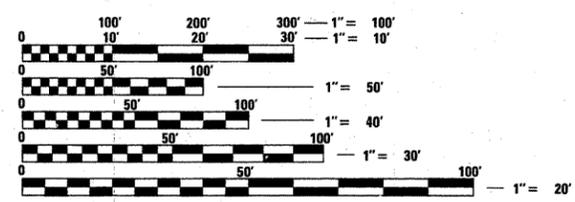
**FAI ROUTE 64
SECTION DIST 8 ITS 2010-1
PROJECT: CMI-064-1(126)000
ST. CLAIR COUNTY**

**ITS COMMUNICATION, DETECTION AND SURVEILLANCE DEVICES
FROM I-55/70/64 0.3 MI. E. OF 3RD ST. TO
I-64 W. OF ALTON SOUTHERN RR SN 082-0168 & 0167**

C-98-003-09

STANDARDS

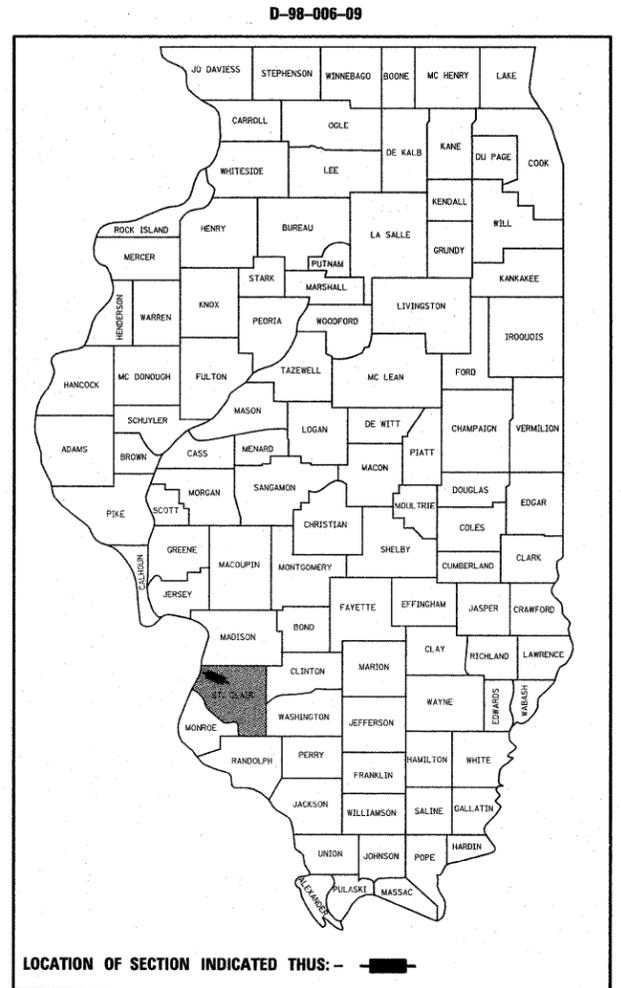
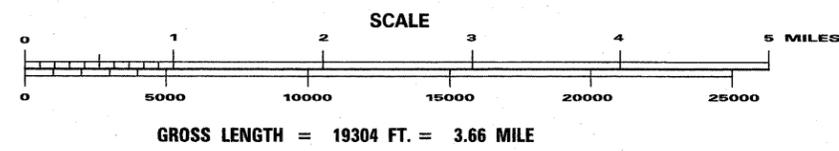
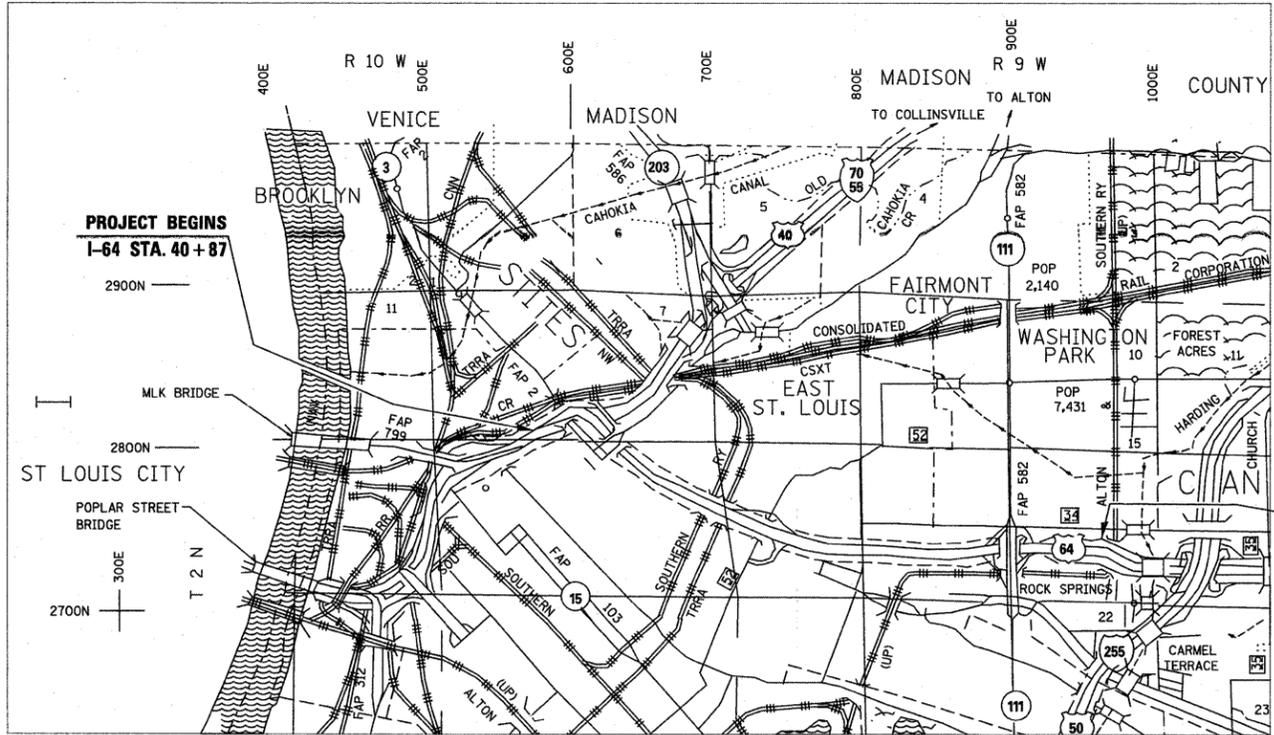
- | | | |
|-----------|-----------|-----------|
| 000001-05 | 280001-04 | 701101-02 |
| 701106-02 | 701400-03 | 701406-05 |
| 701411-05 | 701446 | 701456 |
| 701601-06 | 701606-06 | 701801-04 |
| 701901 | 814001-02 | 814006-02 |
| 878001-07 | | |



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: LEONARD LEONARD 618-346-3285
CONTRACT NO. 76C36**



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

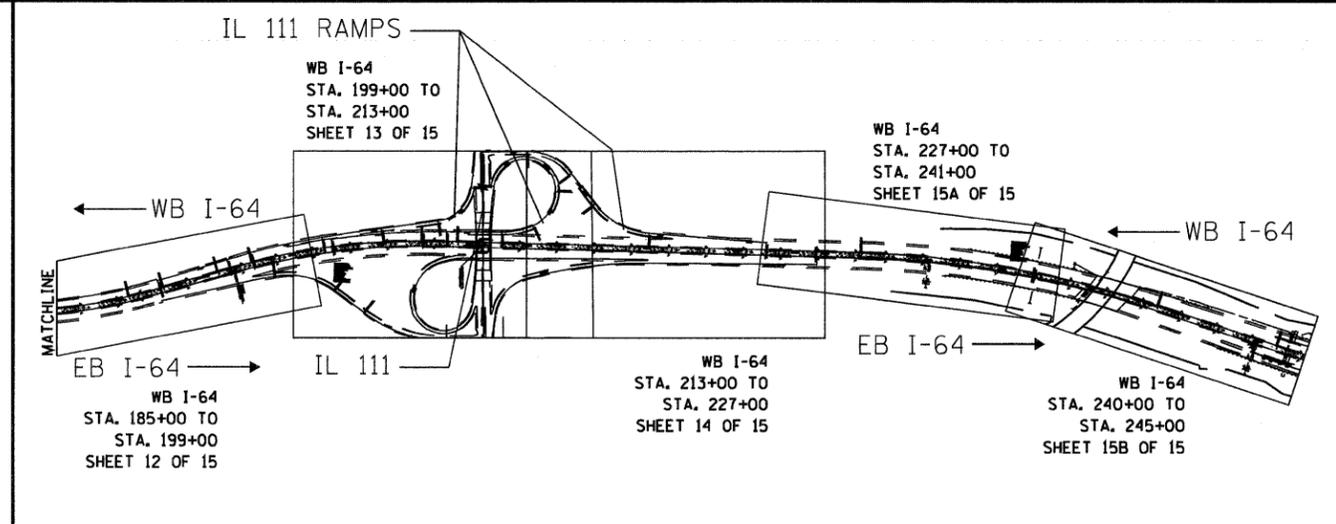
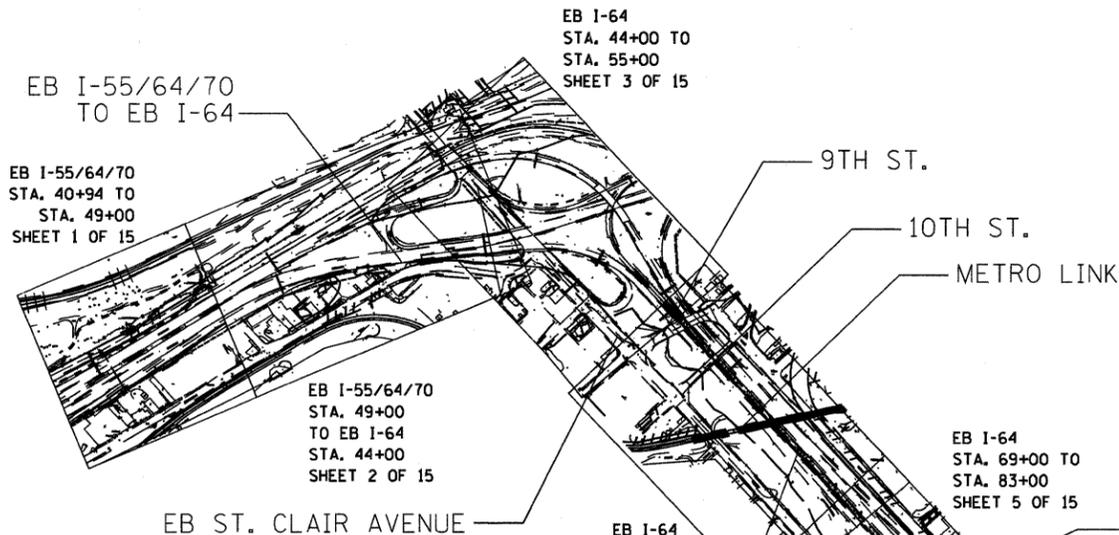
SUBMITTED March 17 20 10

Mary C. Jamie
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 7 20 10
Scott E. Skitt, P.E. /s/
Acting ENGINEER OF DESIGN AND ENVIRONMENT

May 7 20 10
Christine M. Reed /s/
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**



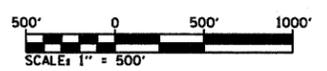
ITS ELEMENTS	STA.	PLAN SHEET
CCTV		
PSB02.4A.05C(EX.)	40+87, 42'R	1 OF 15
006403.1A.07C(EX.)	59+00, 87'L	4 OF 15
006403.9A07C	79+16, 90'R	6 OF 15
006404.5A.08C(EX.)	132+88, 78'R	10A OF 15
006405.6A.09C(EX.)	182+28, 93'L	11B OF 15
006406.9A.43C(EX.)	244+11, 108'R	15B OF 15
RADAR DETECTION		
PSB02.4E.11R(EX.)	40+87, 42'R	1 OF 15
006403.1A.16R(EX.)	59+00, 87'L	4 OF 15
006403.9A.16R	79+16, 90'R	6 OF 15
006404.5A.17R(EX.)	132+88, 78'R	10A OF 15
006405.6A.18R(EX.)	182+28, 93'L	11B OF 15
006406.9A.19R(EX.)	244+11, 108'R	15B OF 15

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

TRAFFIC CONTROL AND PROTECTION STANDARDS	TRAFFIC CONTROL AND PROTECTION						F.O. BACKBONE CONDUIT, & HANDHOLES
	LOCATION PSB02.4A.05C(EX.)	LOCATION 006403.1A.07C(EX.)	LOCATION 006403.9A.07C	LOCATION 006404.5A.08C(EX.)	LOCATION 006405.6A.09C(EX.)	LOCATION 006406.9A.43C(EX.)	
701101	X	X	X	X	X	X	X
701106	X	X	X	X	X	X	X
701400	X	X	X	X	X	X	X
*701406	X	X	X	X	X	X	X
701411							4
*701446							8
701456							X
701601							X
701606							X
701801							X
701901	X	X	X	X	X	X	X

*USE 701400, ALSO

TRAFFIC VOLUME SCHEDULE				
LOCATION	YEAR	ADT (ESTIMATED)	SU%Z	MU%Z
EB I-55/70/64 TO EB I-64	2010	37,300	4.7	9.7
EB I-64 TO ST. CLAIR AVE.	2010	3,500	8.8	5.1
9TH STREET	2010	5,200		
10th STREET	2010	1,850		
EB I-64 TO ST. CLAIR AVE.	2010	950	2.2	3.3
15TH STREET	2010	3,100		
ST. CLAIR AVENUE	2010	3,150		
I-64 (15TH ST. TO 25TH ST.)	2010	7,110	2.8	9.7
I-64 TO 25TH STREET	2010	2,700	4.8	1.2
25TH STREET TO I-64	2010	1,600	1.3	0.6
I-64 (25TH ST. TO IL 111)	2010	68,000	2.6	10.2
WB I-64 (EAST OF IL 111)	2010	29,700	4.4	8.7



SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN 80% FED./ 20% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE URBAN Y032-1F							F.O. BACKBONE CONDUIT, & HANDHOLES	TMC DB OFFICE
CODE NO	ITEM	UNIT	I-55/70/64 MP02.4 STA. 40+87	I-64 MP03.1 STA.59+00	I-64 MP03.9 STA.79+16	I-64 MP04.5 STA.132+88	I-64 MP05.6 STA.182+28	I-64 MP06.9 STA.224+11				
25000210	SEEDING, CLASS 2A	ACRE	2.6							2.6		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	233							233		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	233							233		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	233							233		
25100105	MULCH, METHOD 1	ACRE	26							26		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	259							259		
28000500	INLET AND PIPE PROTECTION	EACH	51							51		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15	1.5	2	2	2	2	1.5	3.5	0.5	
67100100	MOBILIZATION	L SUM	1	0.1	0.1	0.2	0.1	0.1	0.1	0.3		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	4							4		
70100430	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	EACH	8							8		
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1							1		
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1							1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1							1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1							1		
80300100	LOCATING UNDERGROUND CABLE	FOOT	15280							15280		
80500100	SERVICE INSTALLATION, TYPE A	EACH	1			1						
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	225			225						
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	10			10						
81019100	CONDUIT PUSHED, 6" DIA., GALVANIZED STEEL	FOOT	530							530		
81306400	RELOCATE EXISTING JUNCTION BOX	EACH	1			1						
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	58							58		
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4		1	1				2		
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	21870			235				21635		
83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	7			7						
87000105	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (EPR-TYPE TC) 2/C NO. 10 AND NO. 10 GROUND	FOOT	25			25						
87301715	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 6 PAIR	FOOT	25			25						
87800210	CONCRETE FOUNDATION, TYPE D (SPECIAL)	FOOT	4			4						
87900100	DRILL EXISTING FOUNDATION	EACH	5							5		

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN 90% FED./ 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE URBAN Y032-1F						F.O. BACKBONE CONDUIT, & HANDHOLES	TMC D8 OFFICE
CODE NO	ITEM	UNIT	I-55/70/64 MP02.4 STA. 40+87	I-64 MP03.1 STA.59+00	I-64 MP03.9 STA.79+16	I-64 MP04.5 STA.132+88	I-64 MP05.6 STA.182+28	I-64 MP06.9 STA.224+11			
87900200	DRILL EXISTING HANDHOLE	EACH	10							10	
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1		1						
X0322912	3000 LAYER 2 SWITCH	EACH	3				1	1	1		
X0322925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	22854							22854	
X0323150	JUNCTION BOX, ALUMINUM, ATTACHED TO STRUCTURE, 18" X 18" X 10"	EACH	21							21	
X0325075	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., FIBERGLASS BULLET RESISTANT	FOOT	390							390	
X0325076	WIDE AREA NETWORK	L SUM	1								1
X0325077	FIBER OPTIC UTILITY MARKER	EACH	78							78	
86300305	CONTROLLER CABINET TYPE III, SPECIAL	EACH	1				1				
X0325461	GLC-T SFP MODULE	EACH	1				1				
X0325482	REMOVE EXISTING ITS EQUIPMENT	EACH	1		1						
X0325483	SFP-GE-L SFP MODULE	EACH	18	5		2	2	2	5	1	1
X0325484	SFP-GE-Z SFP MODULE	EACH	2	1							1
X0325487	WIRED COMMUNICATION DATA CONVERTOR	EACH	3			1	1	1			
X8110120	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC, TYPE C	FOOT	1256							1256	
X8102020	CONDUIT PUSHED, 4" DIA., PVC SCHEDULE 80	FOOT	1825							1825	
X0326091	LIGHT POLE, STEEL 50 FT. WITH CAMERA LOWERING SYSTEM	EACH	1				1				
X0326092	RELOCATE CLOSED CIRCUIT TELEVISION SURVEILLANCE CAMERA SYSTEM	EACH	1				1				
X0326094	RELOCATE EXISTING ITS CONTROLLER CABINET	EACH	1				1				
X0326104	RELOCATE RADAR DETECTOR SYSTEM	EACH	1				1				
X8100065	CONDUIT IN TRENCH, 4" DIA., PVC TYPE C	FOOT	21635							21635	
X8710075	FIBER OPTIC CABLE IN CONDUIT, 72 COND. S.M. F.O.	FOOT	27611							27611	
87301804	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 1/C	FOOT	760				760				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1							1	

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 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:
 •ALTON & SOUTHERN RAILWAY (COMMUNICATIONS)
 •AMERENIP (ELECTRIC & GAS)
 •AMERENUE (ELECTRIC & GAS)
 •AT&T (COMMUNICATIONS)
 •BUCKEYE PARTNERS L.P.-WOOD RIVER PIPELINE (PIPELINE)
 •CENTERPOINT ENERGY (PIPELINE)
 •ILLINOIS AMERICAN WATER COMPANY (WATER)
 •MEDIACOM LLC CENTRAL (CABLE TV)
 •PAETEC/MCLEOD USA TELECOMMUNICATIONS (COMMUNICATIONS)
 •TERMINAL RAILROAD ASSOCIATION OF ST. LOUIS (COMMUNICATIONS)
 •VILLAGE OF WASHINGTON PARK (SANITARY SEWER)
 (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 618-277-7668, EXT.102 FOR ST. CLAIR 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.
- CALLOUTS THAT READ: 4"PVCC SCH 40 - "ATS"; REFER TO THE "CONDUIT ATTACHED TO STRUCTURE, 4" DIA; PVC TYPE C SUMMARY OF QUANTITIES PAY ITEM.
- CALLOUTS THAT READ: 4"PVCC SCH 40 - "P" REFER TO THE "CONDUIT PUCHED, 4" DIA., PVC SCHEDULE 80" SUMMARY OF QUANTITIES PAY ITEM.

FILE NAME =	USER NAME = prestonme	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND LEGEND	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca\pwwork\p\dot\prestonme\dms67883\dms67883-sht1\staplan.dgn	PLOT SCALE = 100,0000 ' / IN.	DRAWN - ---	REVISED - ---			64	DIST 8 ITS 2010-1	ST. CLAIR	34	5	
PLOT DATE = 3/14/2010	DATE - -----	CHECKED - ---	REVISED - ---			CONTRACT NO. 76C36					
		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 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

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
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER
TITLE
IL DEPT. OF TRANSPORTATION
AGENCY

Mary C. Lamie
SIGNATURE
3-17-10
DATE

I. SITE DESCRIPTION:

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

THE PROJECT CONSISTS OF REMOVING, RELOCATING, INSTALLING ITS EQUIPMENT ALONG EB I-55/64/70 FROM EAST OF THE 3RD ST.EXIT, TO I-64, THEN EAST ON I-64 TO JUST EAST OF THE A.S.R.R. BRIDGE. .

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:

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 2.34 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 2.34 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: 0.50

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

SOIL TYPE	SOIL SYMBOL	DRAINAGE	PERMEABILITY	FLOODING	SLOPES (%)	WATER EROSION	WIND EROSION
URBAN LAND	533	AREAS COVERED BY SURFACES OR STRUCTURES THAT SO OBSCURE OR ALTER THE SOILS THAT IDENTIFICATION OF THE SOIL SERIES IS NOT POSSIBLE.					
ORTHENTS, LOAMY	802D	WELL DRAINED POORLY DRAINED	MODERATELY HIGH	NONE	5 - 35	MODERATE	MODERATE
DARWIN-URBAN LAND COMPLEX	2071L	SOMEWHAT POORLY	LOW	OCCASIONAL, LONG DURATION	0 - 2	MODERATE	MODERATE
SHAFFTON-URBAN LAND COMPLEX	2183A	DRAINED	MODERATELY HIGH	OCCASIONAL, LONG DURATION	0 - 2	MODERATE	MODERATELY LOW
LANDES VERY FINE SANDY LOAM	8304B	WELL DRAINED	HIGH	OCCASIONALLY	2 - 5	MODERATE	MODERATELY LOW
FLUVAQUENTS, LOAMY	8646A	POORLY DRAINED	MODERATELY HIGH TO HIGH	OCCASIONALLY	0 - 2	MODERATE	MODERATE

EXAMPLE: SOIL TYPE (SOIL SYMBOL) - A (DRAINAGE) SOIL WITH (PERMEABILITY) PERMEABILITY. THIS SOIL IS FLOODING FLOODED WITH (SLOPES%) SLOPES. THIS SOIL HAS A (WATER EROSION) SUSCEPTIBILITY TO WATER EROSION AND A (WIND EROSION) SUSCEPTIBILITY TO WIND EROSION.

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

SEE ITEM "F".

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

SEE "SWPPP PLAN 3 OF 3"

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:

MISSISSIPPI RIVER

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

- | | |
|--|---|
| <input checked="" type="checkbox"/> SOIL SEDIMENT | <input type="checkbox"/> PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS) |
| <input checked="" type="checkbox"/> CONCRETE | <input type="checkbox"/> ANTIFREEZE / COOLANTS |
| <input checked="" type="checkbox"/> CONCRETE TRUCK WASTE | <input type="checkbox"/> WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT |
| <input type="checkbox"/> CONCRETE CURING COMPOUNDS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> SOLID WASTE DEBRIS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> PAINTS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> SOLVENTS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input checked="" type="checkbox"/> FERTILIZERS / PESTICIDES | <input type="checkbox"/> OTHER (SPECIFY)..... |

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, 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 ARE ATTACHED TO, AND ARE A PART OF THIS PLAN:

A. EROSION AND SEDIMENT CONTROL

1. STABILIZED 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)(d) 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 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 14 OR MORE CALENDAR DAYS.

a. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH 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)

- | | |
|---|--|
| <input type="checkbox"/> PRESERVATION OF MATURE VEGETATION | <input checked="" type="checkbox"/> EROSION CONTROL BLANKET / MULCHING |
| <input type="checkbox"/> VEGETATED BUFFER STRIPS | <input type="checkbox"/> SODDING |
| <input type="checkbox"/> PROTECTION OF TREES | <input type="checkbox"/> GEOTEXTILES |
| <input checked="" type="checkbox"/> TEMPORARY EROSION CONTROL SEEDING | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> TEMPORARY TURF (SEEDING, CLASS 7) | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> TEMPORARY MULCHING | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input checked="" type="checkbox"/> PERMANENT SEEDING | <input type="checkbox"/> OTHER (SPECIFY)..... |

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.

3. 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, GABIONS, 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:

- | | |
|--|--|
| <input checked="" type="checkbox"/> PERIMETER EROSION BARRIER | <input type="checkbox"/> ROCK OUTLET PROTECTION |
| <input type="checkbox"/> TEMPORARY DITCH CHECK | <input type="checkbox"/> RIPRAP |
| <input checked="" type="checkbox"/> STORM DRAIN INLET PROTECTION | <input type="checkbox"/> GABIONS |
| <input type="checkbox"/> SEDIMENT TRAP | <input type="checkbox"/> SLOPE MATTRESS |
| <input type="checkbox"/> TEMPORARY PIPE SLOPE DRAIN | <input type="checkbox"/> RETAINING WALLS |
| <input type="checkbox"/> TEMPORARY SEDIMENT BASIN | <input type="checkbox"/> SLOPE WALLS |
| <input type="checkbox"/> TEMPORARY STREAM CROSSING | <input type="checkbox"/> CONCRETE REVETMENT MATS |
| <input type="checkbox"/> STABILIZED CONSTRUCTION EXITS | <input type="checkbox"/> LEVEL SPREADERS |
| <input type="checkbox"/> TURF REINFORCEMENT MATS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> PERMANENT CHECK DAMS | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> PERMANENT SEDIMENT BASIN | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> AGGREGATE DITCH | <input type="checkbox"/> OTHER (SPECIFY)..... |
| <input type="checkbox"/> PAVED DITCH | <input type="checkbox"/> OTHER (SPECIFY)..... |

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. PERIMETER EROSION BARRIER - SILT FENCES WILL BE PLACED ALONG THE BANKS OF THE DUPAGE RIVER IN AN EFFORT TO CONTAIN SILT AND RUNOFF FROM LEAVING THE SITE.

CONSTRUCT AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.

2. STORM DRAIN INLET PROTECTION - INLET AND PIPE PROTECTION WILL BE PROVIDED FOR STORM SEWERS AND CULVERTS. SEDIMENT FILTERS WILL BE PLACED IN ALL INLETS, CATCH BASINS AND MANHOLES DURING CONSTRUCTION AND WILL BE CLEANED ON A REGULAR BASIS.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

SEEDING SCHEDULE

LOCATION	EB I-55/64/70	EB I-55/64/70	EB I-64	EB I-64	EB I-64	EB I-64	WB I-64	WB I-64	EB I-64	EB I-64	WB I-64	TOTAL ACRES							
	STA. 40+94 TO STA. 49+00	STA. 49+00 TO EB I-64 STA. 44+00	STA. 44+00	STA. 55+00	STA. 69+00	STA. 83+00	STA. 93+00	STA. 107+00	STA. 119+00	STA. 131+00	STA. 145+00	STA. 157+00	STA. 170+00	STA. 185+00	STA. 199+00	STA. 213+00	STA. 227+00		
SHEET # OF 15	1	2	3	4	5	6	7	8	9	10A	10B	11A	11B	12	13	14	15A	15B	
ACRES	0.17	0.04	0.08	0.17	0.22	0.07	0.21	0.10	0.19	0.15	0.17	0.14	0.24	0.17	0.15	0.06	0.17	0.09	2.59

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 (S)HE 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 (S)HE 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 ILRIO 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. THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THE PRACTICES ASSOCIATED WITH THIS PROJECT.

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.

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 NOTIFY THE APPROPRIATE I.E.P.A. FIELD OPERATIONS SECTION OFFICE BY EMAIL OF: epa.swnoncomp@illinois.gov, TELEPHONE OR FAX WITHIN 24 HOURS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL THEN COMPLETE AND SUBMIT AN "INCIDENCE OF NON-COMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION WITHIN 5 DAYS OF THE INCIDENT. 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 (S)HE 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:

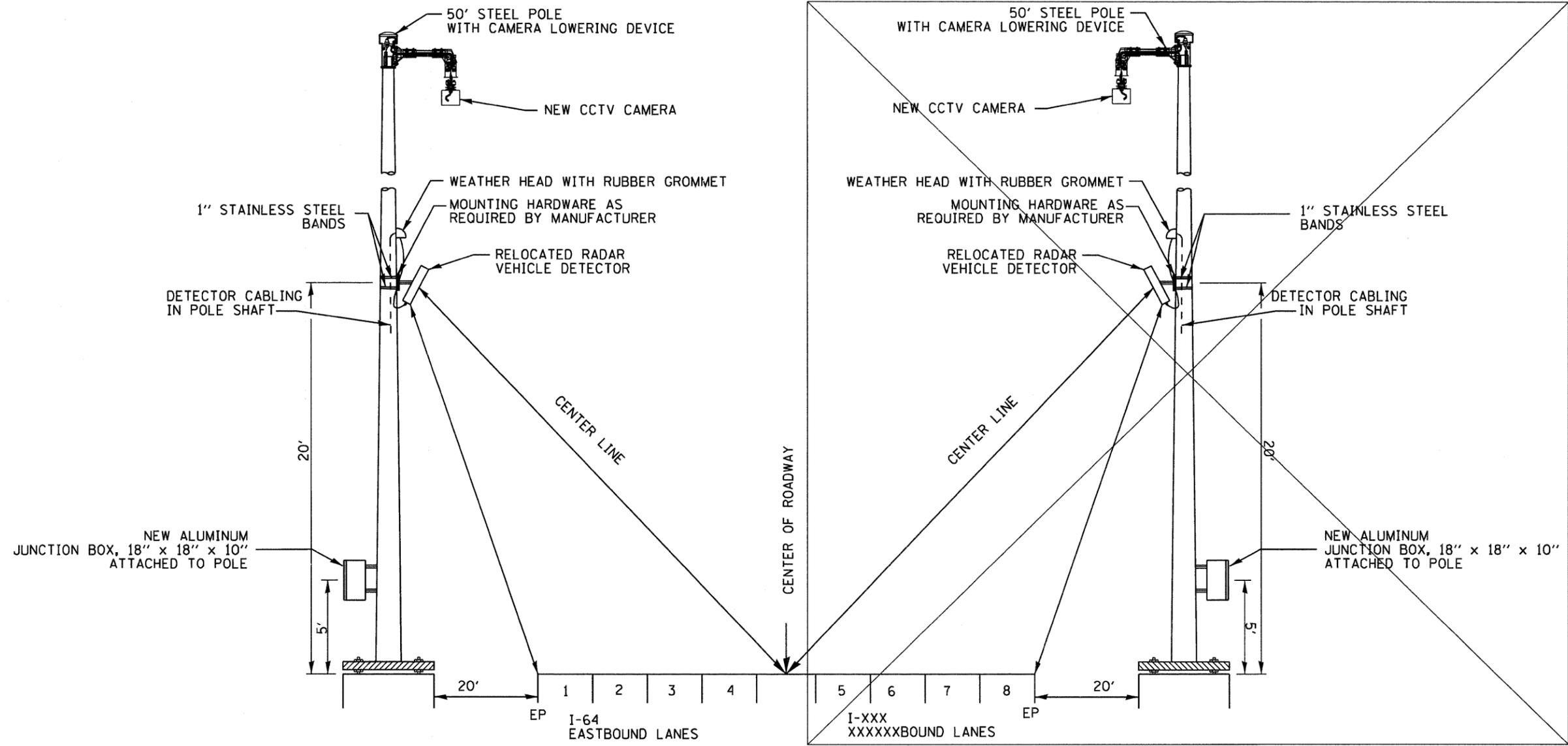
FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

LEGEND

-  TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS
-  TEMPORARY DITCH CHECK- AGGREGATE
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SWPPP PLAN 2 OF 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\pw_work\p\idot\prestonne\dms67883\d876c36-ah-1\sp1an.dgn	DRAWN -	REVISED -	64			DIST 8 ITS 2010-1	ST. CLAIR	34	7	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 76C36							
PLOT DATE = 3/14/2010	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										

FROM	TO	SOIL DISTURBING ACTIVITIES	EROSIVE FACTORS
SHEET 1 OF 15 EB 1-55/64/70	40+87, 42'R	48+44, 32'R	DRILL EXDHHI & CONDUIT IN TRENCH TO HH1
SHEET 1 OF 15 EB 1-55/64/70	48+44, 32'R	56+00, 8'R	CONDUIT IN TRENCH TO HH2
SHEET 2 OF 15 EB 1-55/64/70	56+00, 8'R	59+15, 15'R	CONDUIT IN TRENCH TO HH3A
SHEET 2 OF 15 EB 1-55/64/70	59+15, 15'R	59+15, 15'R	CONDUIT ATTACHED TO STRUCTURE TO JB1A
SHEET 2 OF 15 EB 1-64	59+15, 15'R	41+30, 13'R	CONDUIT ATTACHED TO STRUCTURE TO JB1B
SHEET 2 OF 15 EB 1-64	41+30, 13'R	41+43, 11'R	CONDUIT ATTACHED TO STRUCTURE & CONDUIT IN TRENCH TO HH3B
SHEET 3 OF 15 EB 1-64	41+43, 11'R	45+22+13'R	CONDUIT ATTACHED TO STRUCTURE & CONDUIT IN TRENCH TO HH3C
SHEET 3 OF 15 EB 1-64	45+22+13'R	45+22, 16'R	CONDUIT ATTACHED TO STRUCTURE TO JB2A
SHEET 3 OF 15 EB 1-64	45+22, 16'R	45+28, 4'R	CONDUIT ATTACHED TO STRUCTURE TO JB2B
SHEET 3 OF 15 EB 1-64	45+28, 4'R	45+73, 11'R	CONDUIT ATTACHED TO STRUCTURE TO JB3
SHEET 3 OF 15 EB 1-64; NB IL-3 RAMP	45+73, 11'R	46+73, 15'R	CONDUIT ATTACHED TO STRUCTURE & CONDUIT IN TRENCH TO HH4
SHEET 3 OF 15 NB IL-3 RAMP; EB 1-64	46+73, 15'R	4+48, 15'R	CONDUIT IN TRENCH TO HH5
SHEET 3 OF 15 NB IL-3 RAMP; EB 1-64	4+48, 15'R	4+96, 45'R	CONDUIT PUSHED TO HH6
SHEET 4 OF 15 EB 1-64	4+96, 45'R	54+90, 109'R	CONDUIT IN TRENCH TO HH7
SHEET 4 OF 15 EB 1-64	54+90, 109'R	55+57, 115'R	CONDUIT PUSHED TO HH8
SHEET 4 OF 15 EB 1-64	55+57, 115'R	57+95, 110'R	CONDUIT IN TRENCH TO HH9
SHEET 4 OF 15 EB 1-64	57+95, 110'R	58+39, 114'R	CONDUIT PUSHED TO HH10
SHEET 4 OF 15 EB 1-64	58+39, 114'R	59+21, 82'R	CONDUIT IN TRENCH TO HH11
SHEET 4 OF 15 EB 1-64	59+21, 82'R	59+28, 270'R	CONDUIT IN TRENCH TO HH12
SHEET 4 OF 15 EB 1-64	59+28, 270'R	60+80, 269'R	CONDUIT IN TRENCH TO HH12
SHEET 4 OF 15 EB 1-64	60+80, 269'R	61+13, 270'R	CONDUIT PUSHED TO HH13
SHEET 4 OF 15 EB 1-64	61+13, 270'R	61+74, 270'R	CONDUIT IN TRENCH TO HH14
SHEET 4 OF 15 EB 1-64	61+74, 270'R	62+17, 204'R	CONDUIT IN TRENCH TO HH15
SHEET 5 OF 15 EB 1-64	62+17, 204'R	62+31, 266'R	CONDUIT PUSHED TO HH16
SHEET 5 OF 15 EB 1-64	62+31, 266'R	62+31, 268'R	CONDUIT IN TRENCH TO HH17
SHEET 5 OF 15 EB 1-64	62+31, 268'R	73+19, 269'R	CONDUIT IN TRENCH TO HH18
SHEET 5 OF 15 EB 1-64	73+19, 269'R	73+35, 225'R	CONDUIT PUSHED TO HH19
SHEET 5 OF 15 EB 1-64	73+35, 225'R	75+46, 152'R	CONDUIT IN TRENCH TO HH20
SHEET 5 OF 15 EB 1-64	75+46, 152'R	76+34, 154'R	CONDUIT PUSHED TO HH21
SHEET 5 OF 15 EB 1-64	76+34, 154'R	79+16, 99'R	CONDUIT IN TRENCH TO HH2
SHEET 5 OF 15 EB 1-64	79+16, 99'R	79+16, 90'R	CONDUIT IN TRENCH TO CONC. FND. TYPE D
SHEET 5 OF 15 EB 1-64	79+16, 90'R	79+35, 85'R	CONDUIT IN TRENCH TO POLE
SHEET 6 OF 15 EB 1-64	79+35, 85'R	82+55, 170'R	CONDUIT IN TRENCH TO HH22
SHEET 6 OF 15 EB 1-64	82+55, 170'R	83+00, 175'R	CONDUIT PUSHED TO HH23
SHEET 6 OF 15 EB 1-64	83+00, 175'R	87+60, 135'R	CONDUIT IN TRENCH TO HH24
SHEET 6 OF 15 EB 1-64	87+60, 135'R	87+75, 65'R	CONDUIT IN TRENCH TO JB4
SHEET 6 OF 15 EB 1-64	87+75, 65'R	89+00, 65'R	CONDUIT ATTACHED TO STRUCTURE TO JB5
SHEET 6 OF 15 EB 1-64	89+00, 65'R	89+16, 71'R	CONDUIT IN TRENCH TO HH25
SHEET 7 OF 15 EB 1-64	89+16, 71'R	89+25, 125'R	CONDUIT IN TRENCH TO HH26
SHEET 7 OF 15 EB 1-64	89+25, 125'R	94+75, 120'R	CONDUIT IN TRENCH TO HH27
SHEET 7 OF 15 EB 1-64	94+75, 120'R	94+80, 52'R	CONDUIT IN TRENCH TO JB6
SHEET 7 OF 15 EB 1-64	94+80, 52'R	96+32, 54'R	CONDUIT ATTACHED TO STRUCTURE TO JB7
SHEET 7 OF 15 EB 1-64	96+32, 54'R	97+97, 53'R	CONDUIT IN TRENCH TO JB8
SHEET 7 OF 15 EB 1-64	97+97, 53'R	100+57, 56'R	CONDUIT ATTACHED TO STRUCTURE TO JB9
SHEET 7 OF 15 EB 1-64	100+57, 56'R	100+60, 11'R	CONDUIT ATTACHED TO STRUCTURE TO JB10
SHEET 7 OF 15 EB 1-64	100+60, 11'R	100+70, 18'L	CONDUIT IN TRENCH TO JB11
SHEET 7 OF 15 EB 1-64	100+70, 18'L	100+76, 62'L	CONDUIT ATTACHED TO STRUCTURE TO JB12
SHEET 7 OF 15 EB 1-64	100+76, 62'L	104+97, 58'L	CONDUIT IN TRENCH TO JB13
SHEET 8 OF 15 EB 1-64	104+97, 58'L	106+62, 58'L	CONDUIT ATTACHED TO STRUCTURE TO JB14
SHEET 8 OF 15 EB 1-64	106+62, 58'L	112+09, 102'L	CONDUIT IN TRENCH TO HH28
SHEET 8 OF 15 EB 1-64	112+09, 102'L	112+09, 132'R	CONDUIT IN TRENCH TO HH29
SHEET 9 OF 15 EB 1-64	112+09, 132'R	119+53, 215'R	CONDUIT IN TRENCH TO HH30
SHEET 9 OF 15 EB 1-64	119+53, 215'R	119+87, 58'R	CONDUIT IN TRENCH TO JB15
SHEET 9 OF 15 EB 1-64; RAMP G	119+87, 58'R	121+63, 60'R	CONDUIT ATTACHED TO STRUCTURE TO JB16
SHEET 9 OF 15 EB 1-64; RAMP G	121+63, 60'R	4+92, 22'R	CONDUIT IN TRENCH TO HH31
SHEET 9 OF 15 EB 1-64; RAMP J	4+92, 22'R	4+98, 26'L	CONDUIT PUSHED TO HH32
SHEET 9 OF 15 EB 1-64; RAMP J	4+98, 26'L	12+03, 24'L	CONDUIT IN TRENCH TO HH33
SHEET 9 OF 15 EB 1-64	12+03, 24'L	12+00, 21'R	CONDUIT PUSHED TO HH34
SHEET 10A OF 15 EB 1-64	12+00, 21'R	132+71, 81'R	CONDUIT IN TRENCH TO EXHH1
SHEET 10A OF 15 EB 1-64	132+71, 81'R	132+88, 78'R	CONDUIT IN TRENCH TO MOD. CNTRL. FND.
SHEET 10A OF 15 EB 1-64	132+88, 78'R	135+54, 121'R	CONDUIT IN TRENCH TO HH35
SHEET 10B OF 15 EB 1-64	135+54, 121'R	140+92, 114'R	CONDUIT PUSHED UNDER METROLINK TO HH36
SHEET 10B OF 15 EB 1-64	140+92, 114'R	148+69, 89'R	CONDUIT IN TRENCH TO HH38
SHEET 11A OF 15 EB 1-64	148+69, 89'R	156+17, 81'R	CONDUIT IN TRENCH TO HH39
SHEET 11A OF 15 EB 1-64	156+17, 81'R	157+64, 82'R	CONDUIT IN TRENCH TO HH40
SHEET 11A OF 15 EB 1-64	157+64, 82'R	158+00, 63'R	CONDUIT IN TRENCH TO JB16
SHEET 11A OF 15 EB 1-64	158+00, 63'R	158+98, 63'R	CONDUIT ATTACHED TO STRUCTURE TO JB17
SHEET 11A OF 15 EB 1-64	158+98, 63'R	159+16, 75'R	CONDUIT IN TRENCH TO HH41
SHEET 11A OF 15 EB 1-64	159+16, 75'R	161+00, 76'R	CONDUIT IN TRENCH TO HH43
SHEET 11A OF 15 EB 1-64	161+00, 76'R	161+00, 80'L	CONDUIT PUSHED TO HH44
SHEET 11B OF 15 EB 1-64	161+00, 80'L	168+59, 83'L	CONDUIT IN TRENCH TO HH41
SHEET 11B OF 15 EB 1-64	168+59, 83'L	176+13, 87'L	CONDUIT IN TRENCH TO HH42
SHEET 11B OF 15 EB 1-64	176+13, 87'L	182+46, 96'L	CONDUIT IN TRENCH TO EXHH2
SHEET 11B OF 15 EB 1-64	182+46, 96'L	182+28, 93'L	CONDUIT IN TRENCH TO CONTROLLER
SHEET 12 OF 15 EB 1-64	182+28, 93'L	190+25, 93'L	CONDUIT IN TRENCH TO HH43
SHEET 13 OF 15 EB 1-64; RAMP A	190+25, 93'L	197+83, 95'L	CONDUIT IN TRENCH TO HH44
SHEET 13 OF 15 RAMP A	197+83, 95'L	9+91, 42'L	CONDUIT IN TRENCH TO HH45
SHEET 13 OF 15 RAMP A; RAMP C	9+91, 42'L	5+08, 12'L	CONDUIT IN TRENCH TO HH46
SHEET 14 OF 15 RAMP C	5+08, 12'L	3+32, 13'R	CONDUIT PUSHED TO HH47
SHEET 14 OF 15 RAMP C	3+32, 13'R	9+33, 13'R	CONDUIT IN TRENCH TO HH48
SHEET 14 OF 15 RAMP B	9+33, 13'R	9+42, 25'L	CONDUIT PUSHED TO HH49
SHEET 14 OF 15 RAMP C	9+42, 25'L	19+58, 26'L	CONDUIT IN TRENCH TO HH50
SHEET 14 OF 15 RAMP C	19+58, 26'L	19+62, 22'R	CONDUIT PUSHED TO HH51
SHEET 15A OF 15 RAMP C; EB 1-64	19+62, 22'R	14+37, 34'R	CONDUIT IN TRENCH TO HH52
SHEET 15A OF 15 EB 1-64	14+37, 34'R	229+27, 107'R	CONDUIT IN TRENCH TO HH53
SHEET 15B OF 15 EB 1-64	229+27, 107'R	236+72, 106'R	CONDUIT IN TRENCH TO HH54
SHEET 15B OF 15 EB 1-64	236+72, 106'R	244+11, 108'R	CONDUIT IN TRENCH TO EXDHH
	244+11, 108'R	244+11, 100'R	CONDUIT IN TRENCH TO CONTROLLER



**DETAIL
RADAR VEHICLE DETECTOR**

NOT TO SCALE

LOCATIONS:

1. 006403.9A07C
006403.9A.16R
50' STEEL POLE
W/3 LANES PER DIRECTION

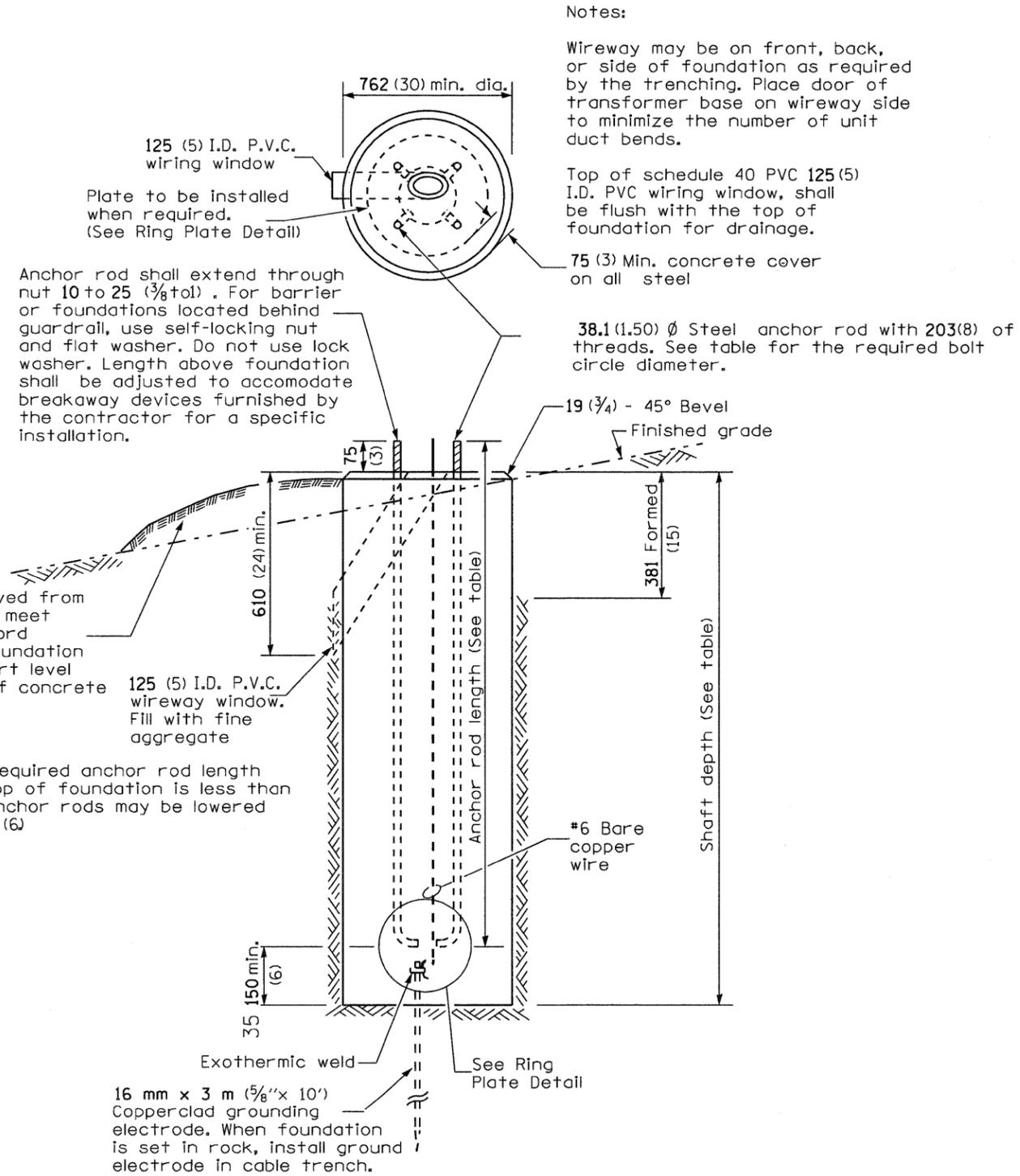
FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RADAR VEHICLE DETECTION DETAIL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pzd\prstonme\dms67883\d876c36\sh-t\tspln.dgn	DRAWN -	REVISD -	64			DIST 8 ITS 2010-1	ST. CLAIR	34	9	
PLT SCALE = 100.0000 / IN.	CHECKED -	REVISD -	CONTRACT NO. 76C36							
PLT DATE = 3/14/2010	DATE -	REVISD -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										

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')	2.13m (7'-0")	1.4 m (4'-6")

* Length does not include 152 (6)hook

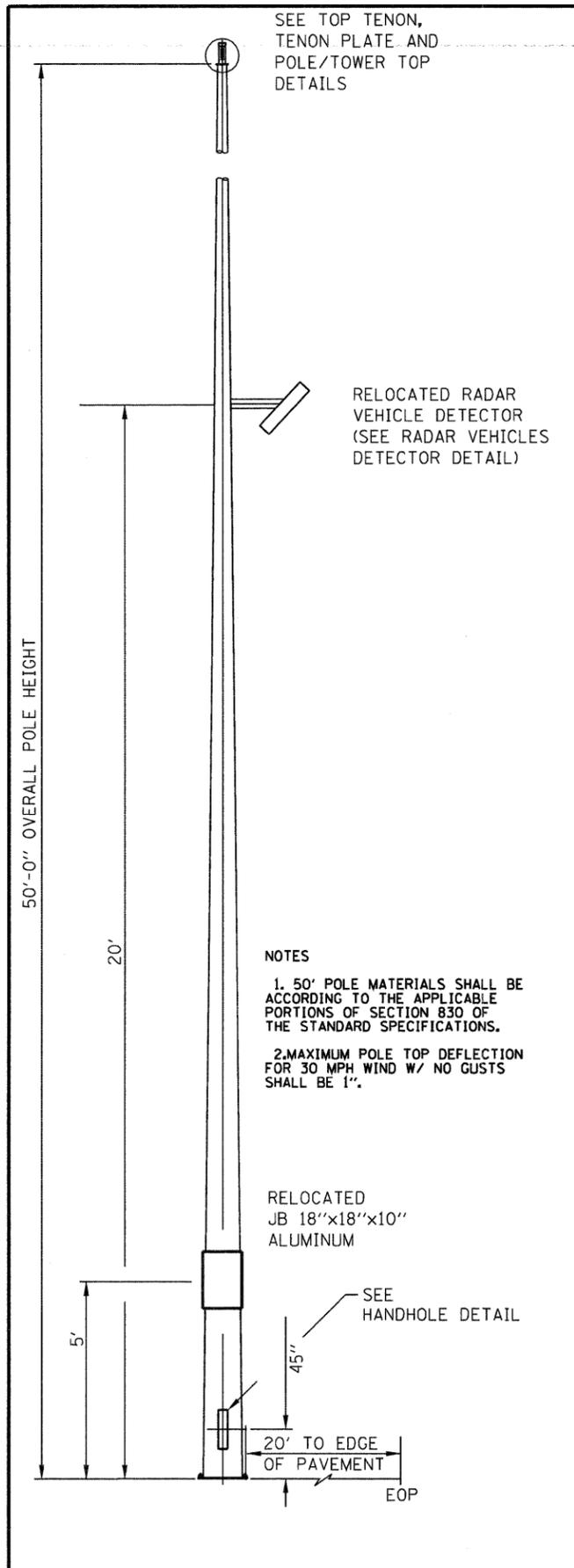
Notes:

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.



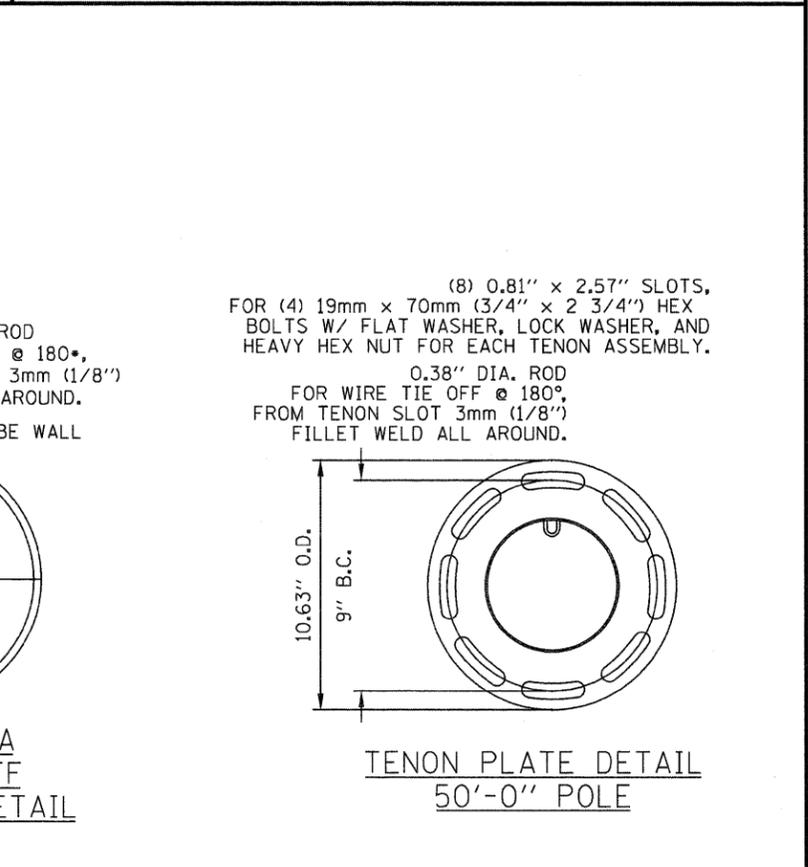
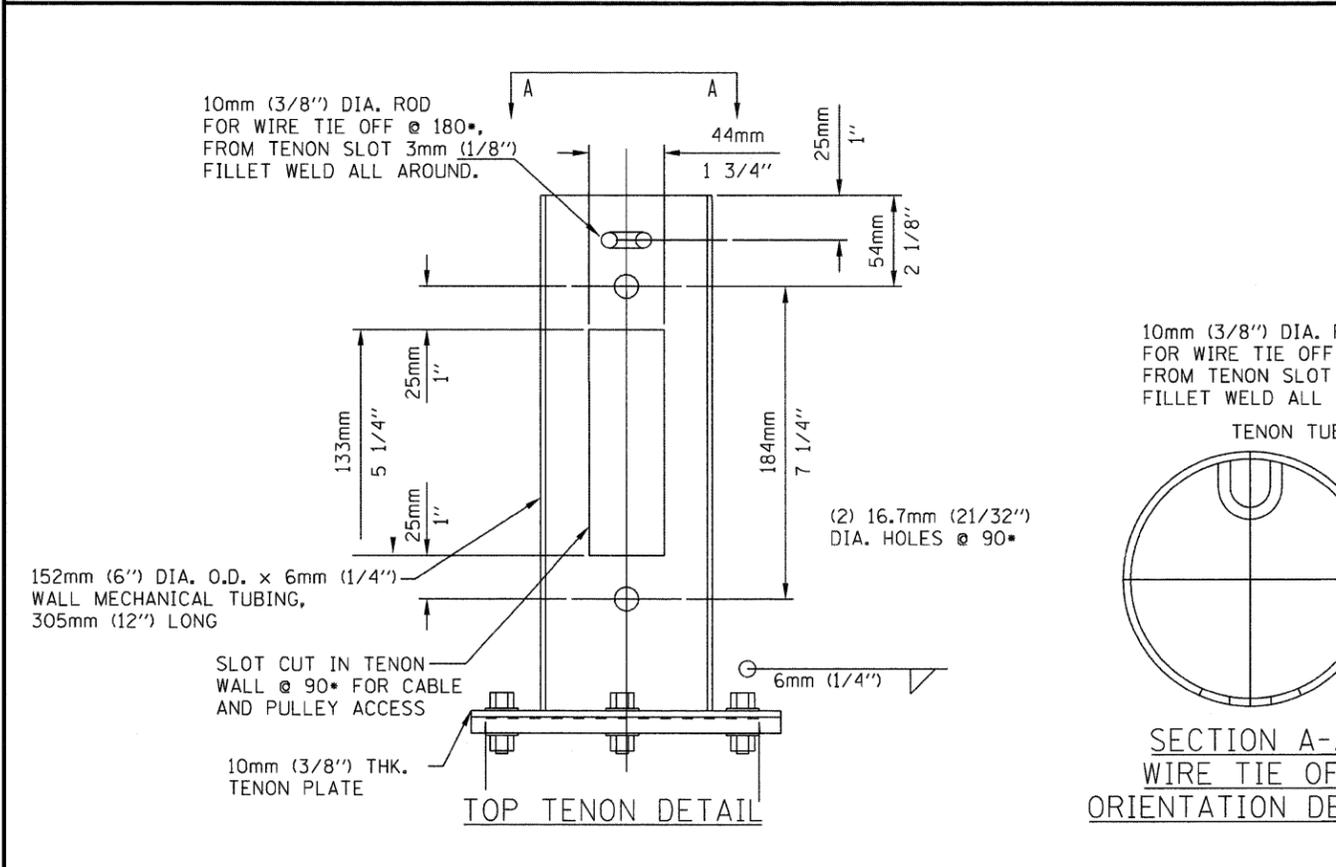
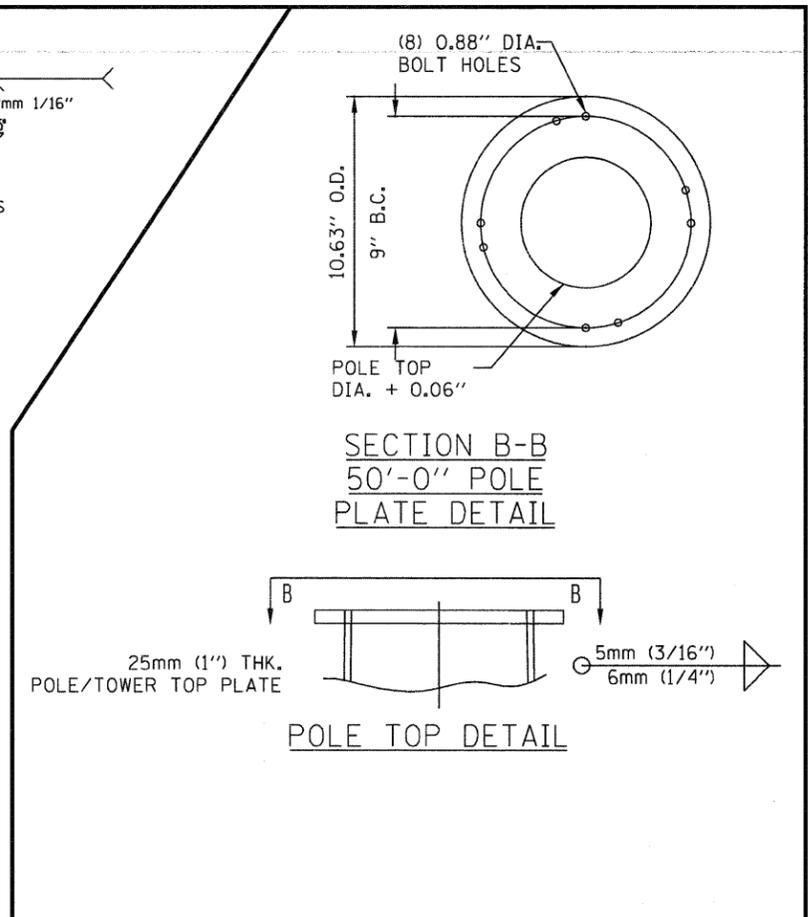
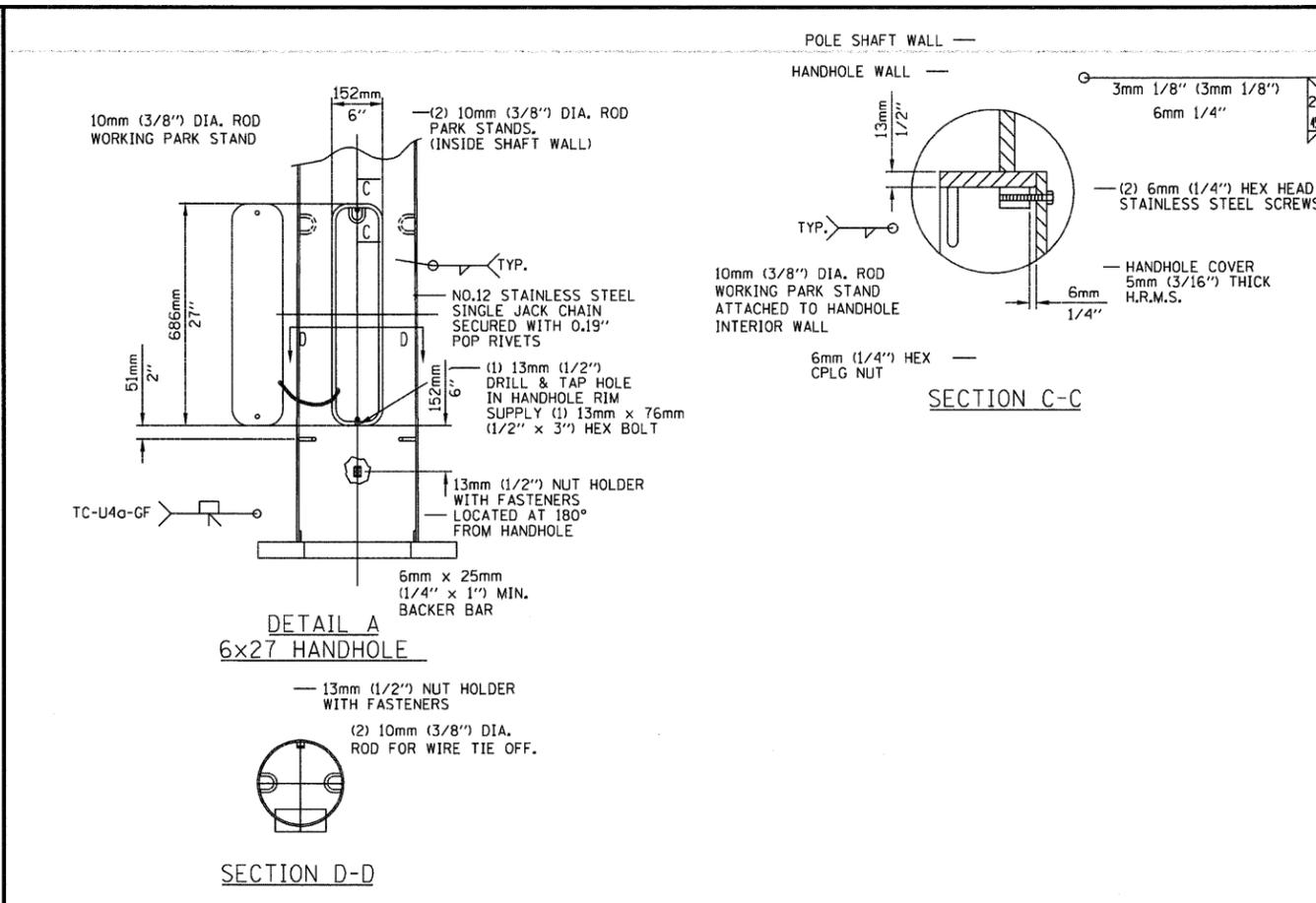
CONCRETE FOUNDATION

FILE NAME =	USER NAME = prestonne	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHT POLE FOUNDATION DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\poidot\prestonne\dms67883\d676c35-sh-t:tspl.en.dgn	DRAWN - ---	REVISED - ---	64			DIST 8 ITS 2010-1	ST. CLAIR	34	10	
PLOT SCALE = 100.0000 / IN.	CHECKED - ---	REVISED - ---	CONTRACT NO. 76C36							
PLOT DATE = 3/14/2010	DATE - ---	REVISED - ---	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

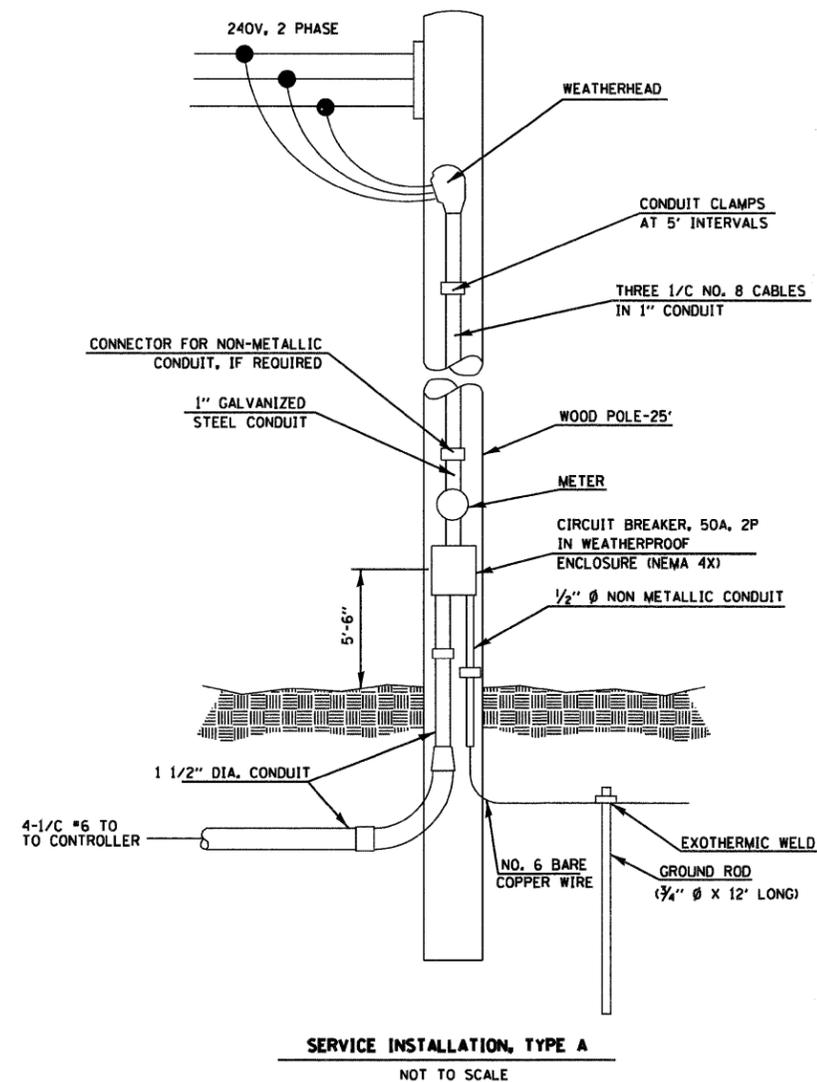
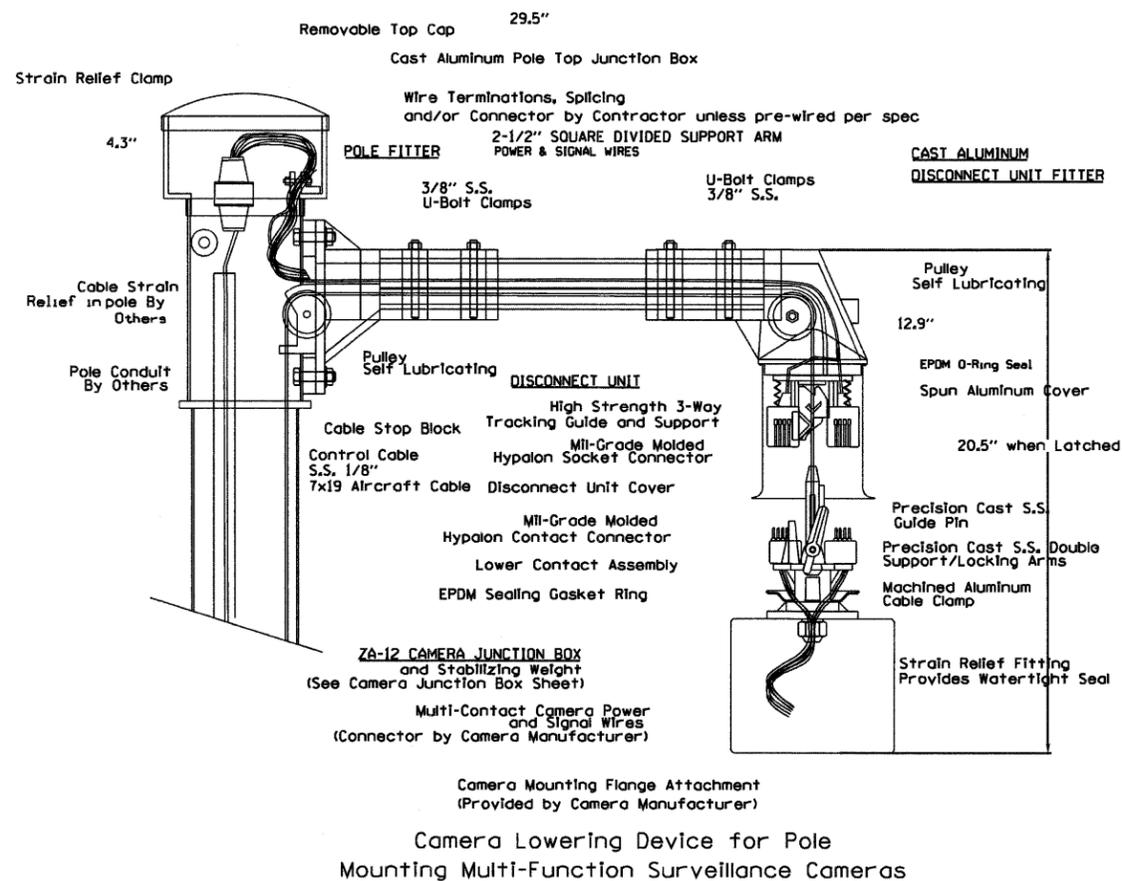


NOTES

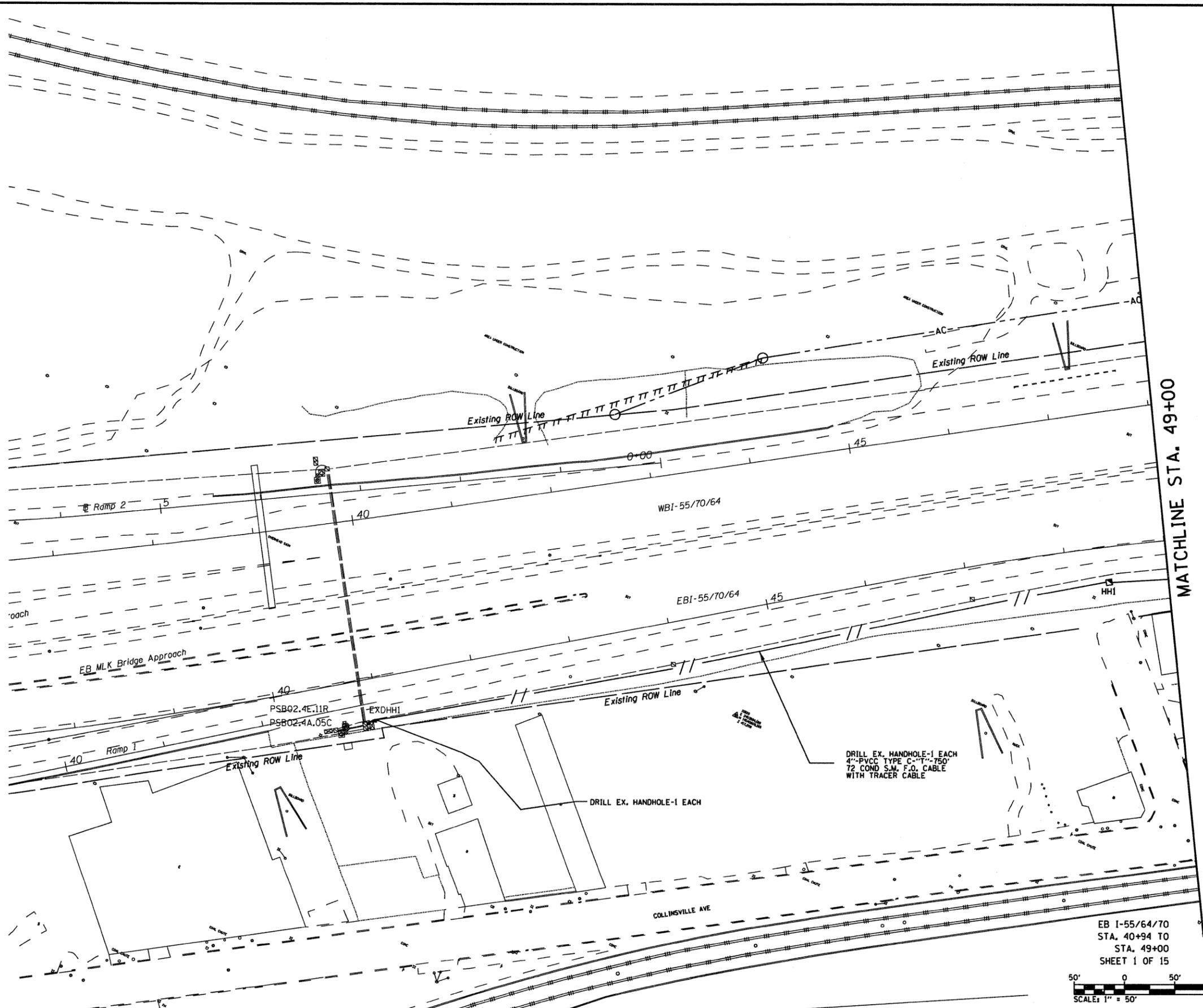
1. 50' POLE MATERIALS SHALL BE ACCORDING TO THE APPLICABLE PORTIONS OF SECTION 830 OF THE STANDARD SPECIFICATIONS.
2. MAXIMUM POLE TOP DEFLECTION FOR 30 MPH WIND W/ NO GUSTS SHALL BE 1".



FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	POLE MOUNTED CCTV DETAIL WITH CAMERA LOWERING DEVICE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\period\prestonne\dms67883\d876c36-ahc-1\tsplon.dgn	DRAWN -	REVISED -	64			DIST 8 ITS 2010-1	ST. CLAIR	34	11	
PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISED -	CONTRACT NO. 76C36							
PLOT DATE = 3/14/2010	DATE -	REVISED -	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____										



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	POLE MOUNTED CCTV DETAIL WITH CAMERA LOWERING DEVICE AND SERVICE INSTALLATION DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pw_work\predit\prestonme\dms67883\8876c36-shr-itsplon.dgn	DRAWN -	REVISIONS -	64			DIST 8 ITS 2010-1	ST. CLAIR	34	12	
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PLOT DATE = 3/14/2010	DATE -	REVISIONS -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



MATCHLINE STA. 49+00

DRILL EX. HANDHOLE-1 EACH
 4" PVC TYPE C-11-750
 72 COND S.M. F.O. CABLE
 WITH TRACER CABLE

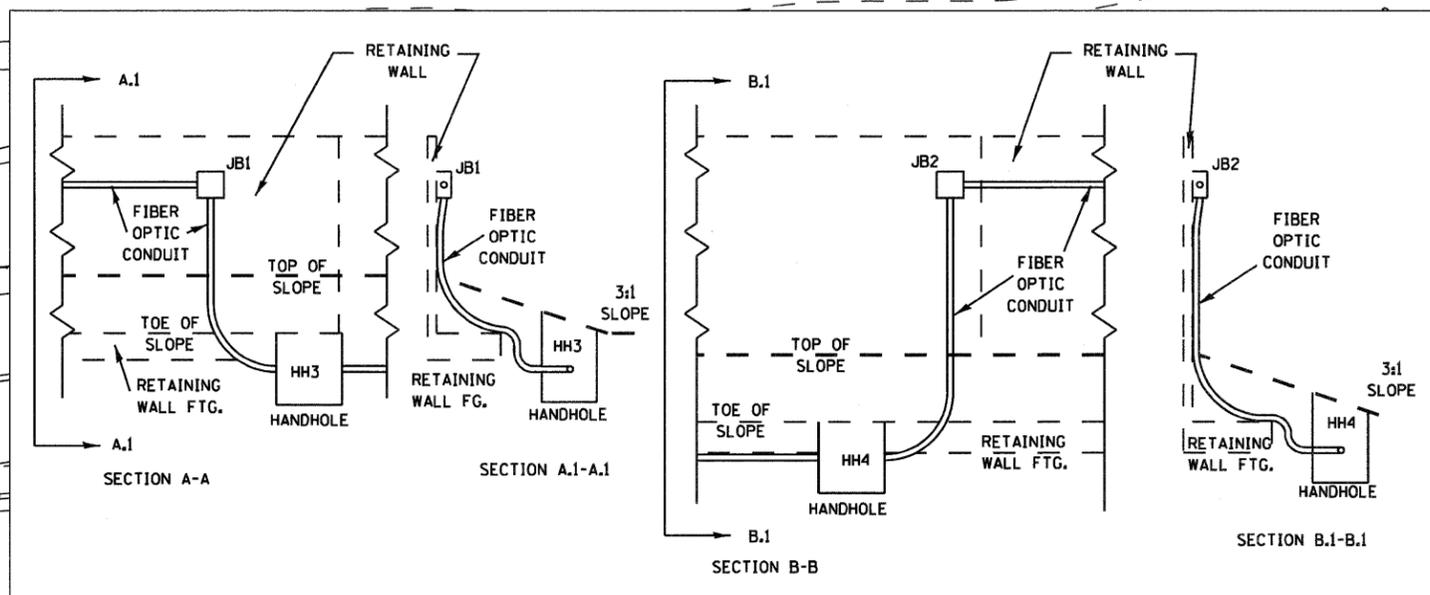
EB I-55/64/70
 STA. 40+94 TO
 STA. 49+00
 SHEET 1 OF 15

50' 0 50' 100'
 SCALE: 1" = 50'

FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pw_work\p\ridot\prestonne\dms67883\d876c36-shr-itsplan.dgn		DRAWN -	REVISD -		64	DIST 8 ITS 2010-1	ST. CLAIR	34	14		
		CHECKED -	REVISD -		SCALE: _____ SHEET NO. ___ OF ___ SHEETS		CONTRACT NO. 76C36				
		DATE -	REVISD -		STA. _____ TO STA. _____		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

MATCHLINE STA. 49+00

MATCHLINE STA. 44+00



4"-PVCC TYPE C-"T"-750'
72 COND S.M. F.O. CABLE
WITH TRACER CABLE

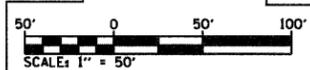
4"-PVCC TYPE C-"T"-295'
72 COND S.M. F.O. CABLE
WITH TRACER CABLE

JUNCTION BOX, ALUMINUM, ATTACHED TO
STRUCTURE, 18" X 18" X 10"-1 EACH
4"-PVCC-SCH40-"ATS"-15'
4"-PVCC TYPE C-"T"-10'
W/72 COND S.M. F.O. CABLE
(SEE SECTION A-A)

4"-PVCC-SCH40-"ATS"-210'
W/72 COND S.M. F.O. CABLE

JUNCTION BOX, ALUMINUM, ATTACHED TO
STRUCTURE, 18" X 18" X 10"-1 EACH
4"-PVCC-SCH40-"ATS"-15'
4"-PVCC TYPE C-"T"-10'
W/72 COND S.M. F.O. CABLE
(SEE SECTION B-B)

EB I-55/64/70
STA. 49+00
TO EB I-64
STA. 44+00
SHEET 2 OF 15



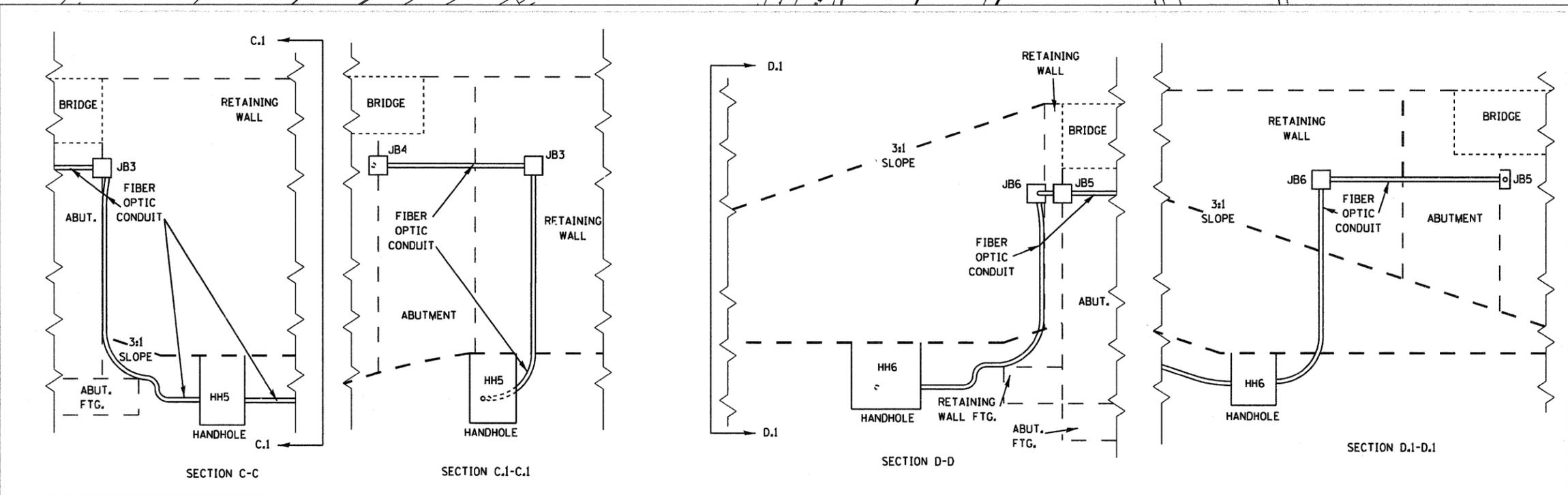
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISD -
	PLOT DATE = 3/14/2010	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

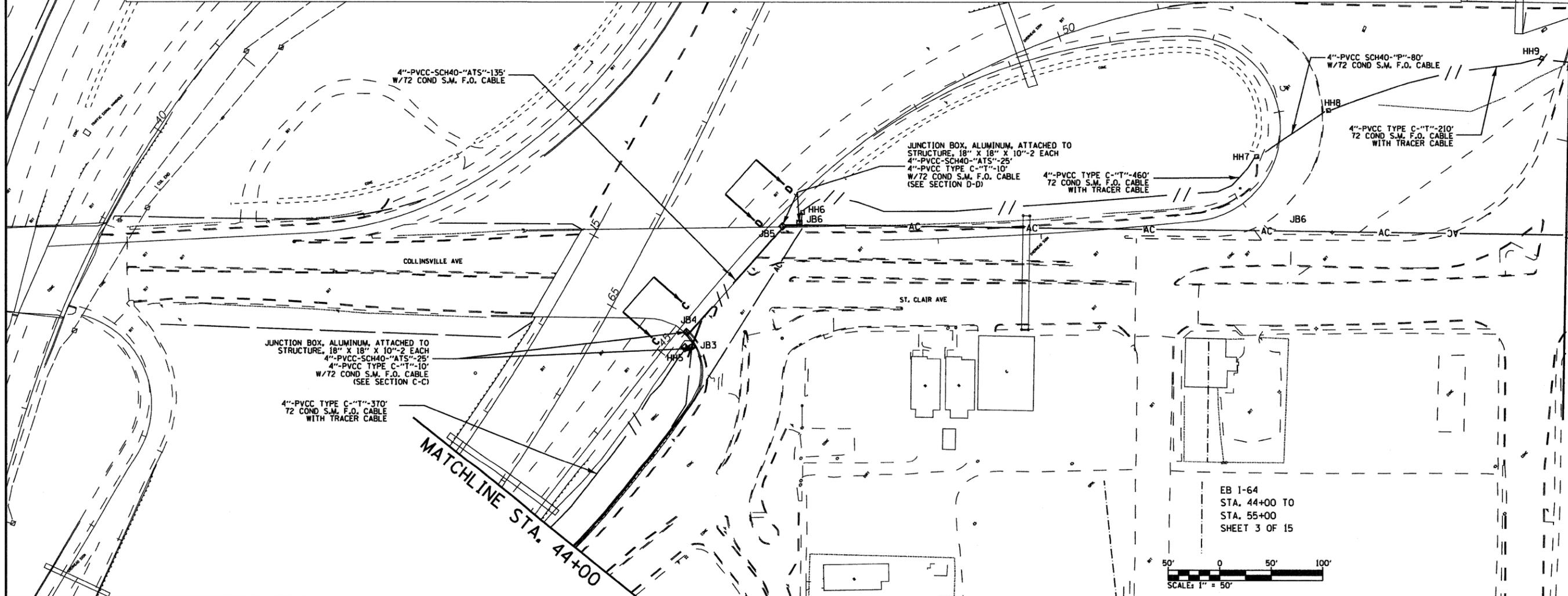
ITS PLAN

SCALE: -----	SHEET NO. -- OF -- SHEETS	STA. ----- TO STA. -----
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	DIST 8 ITS 2010-1	ST. CLAIR	34	15
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 76C36	



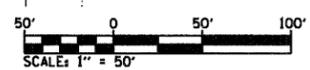
MATCHLINE STA. 55+00



JUNCTION BOX, ALUMINUM, ATTACHED TO STRUCTURE, 18" X 18" X 10"-2 EACH
 4"-PVCC-SCH40-"ATS"-25'
 4"-PVCC TYPE C-"T"-10'
 W/72 COND S.M. F.O. CABLE
 (SEE SECTION C-C)

JUNCTION BOX, ALUMINUM, ATTACHED TO STRUCTURE, 18" X 18" X 10"-2 EACH
 4"-PVCC-SCH40-"ATS"-25'
 4"-PVCC TYPE C-"T"-10'
 W/72 COND S.M. F.O. CABLE
 (SEE SECTION D-D)

EB 1-64
 STA. 44+00 TO
 STA. 55+00
 SHEET 3 OF 15

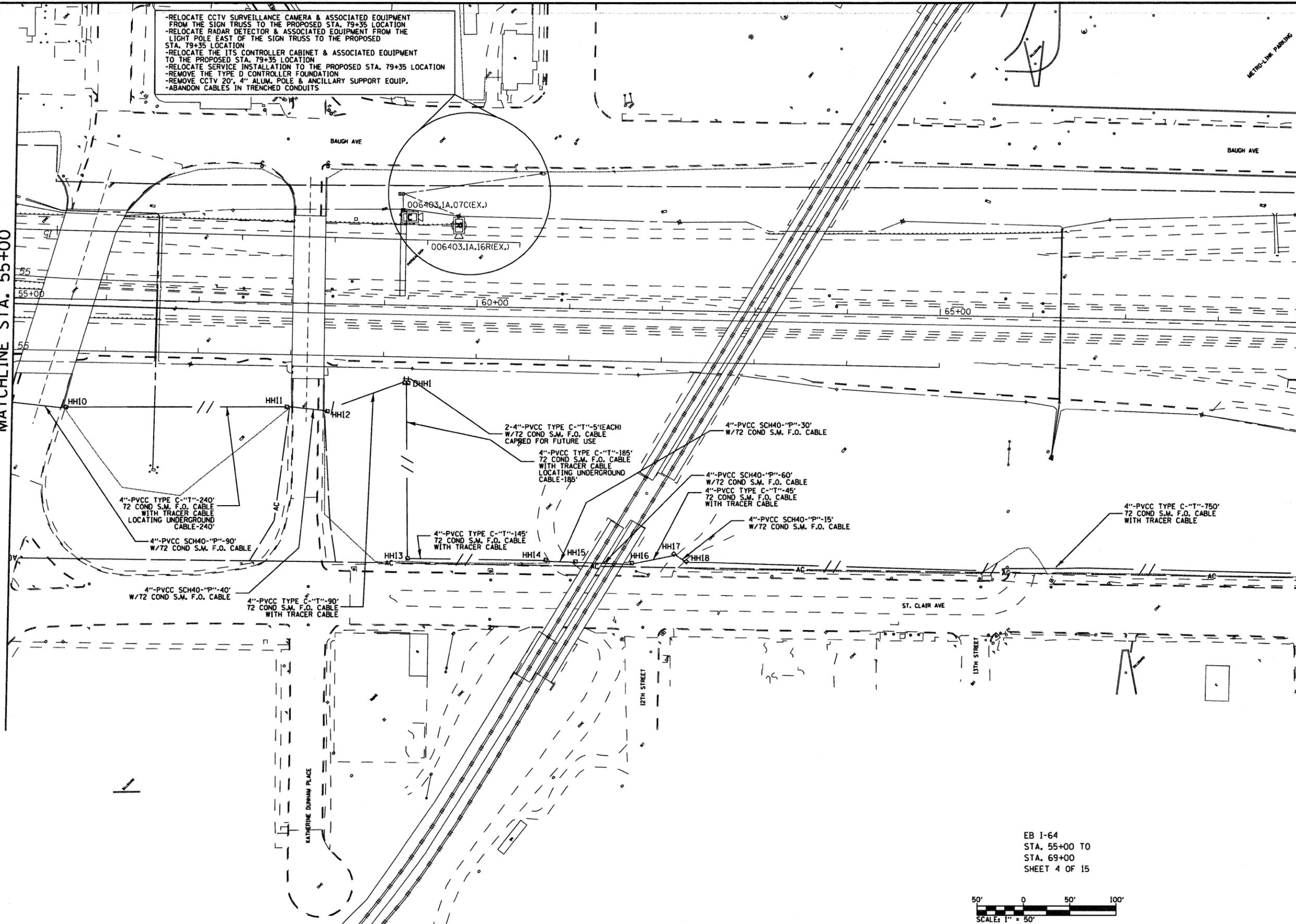


FILE NAME =	USER NAME = prestonm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN		F.A.I. RTE. 64	SECTION DIST 8 ITS 2010-1	COUNTY ST. CLAIR	TOTAL SHEETS 34	SHEET NO. 16	
CONTRACT NO. T6C36	PLLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT			
	PLLOT DATE = 3/14/2010	CHECKED -	REVISED -									
		DATE _____	REVISED -									

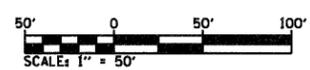
-RELOCATE CCTV SURVEILLANCE CAMERA & ASSOCIATED EQUIPMENT FROM THE SIGN TRUSS TO THE PROPOSED STA. 79+35 LOCATION
 -RELOCATE RADAR DETECTOR & ASSOCIATED EQUIPMENT FROM THE LIGHT POLE EAST OF THE SIGN TRUSS TO THE PROPOSED STA. 79+35 LOCATION
 -RELOCATE THE ITS CONTROLLER CABINET & ASSOCIATED EQUIPMENT TO THE PROPOSED STA. 79+35 LOCATION
 -RELOCATE SERVICE INSTALLATION TO THE PROPOSED STA. 79+35 LOCATION
 -REMOVE THE TYPE D CONTROLLER FOUNDATION
 -REMOVE CCTV 20", 4" ALUM. POLE & ANCILLARY SUPPORT EQUIP.
 -ABANDON CABLES IN TRENCHED CONDUITS

MATCHLINE STA. 55+00

MATCHLINE STA. 69+00



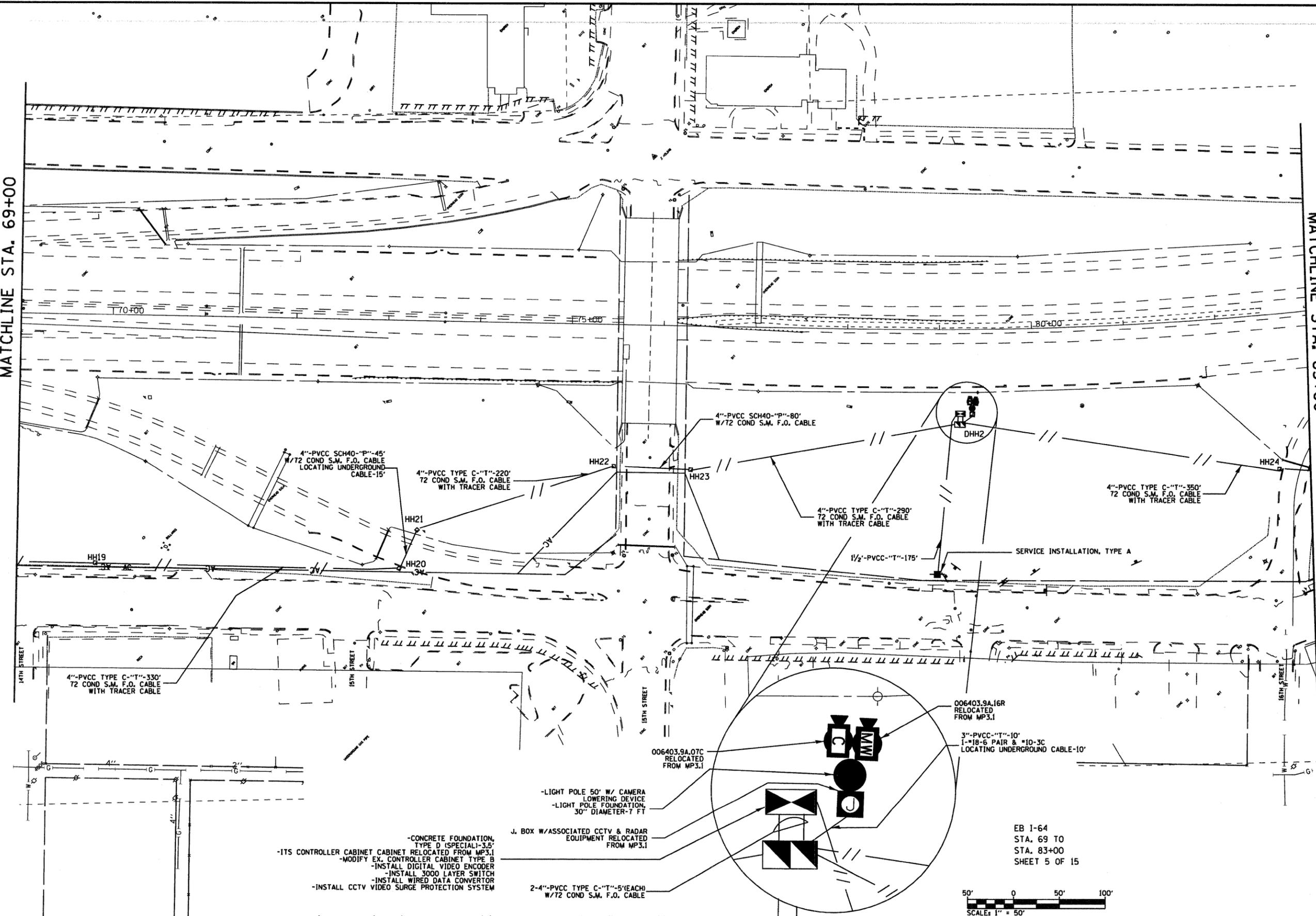
EB I-64
 STA. 55+00 TO
 STA. 69+00
 SHEET 4 OF 15



FILE NAME =	USER NAME = preston	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN		F.A.I. RTE. 64	SECTION DIST 8 ITS 2010-1	COUNTY ST. CLAIR	TOTAL SHEETS 34	SHEET NO. 17	
cs:\pw_work\p1dot\preston\dm67883\d876c36-sh-t-1.tbl.dgn	PLT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 76C36			
	PLT DATE = 3/14/2010	CHECKED -	REVISED -									
		DATE -	REVISED -									

MATCHLINE STA. 69+00

MATCHLINE STA. 83+00



14TH STREET

15TH STREET

15TH STREET

16TH STREET

4\"-PVCC TYPE C-\"T\"-330'
72 COND S.M. F.O. CABLE
WITH TRACER CABLE

4\"-PVCC SCH40-\"P\"-45'
W/72 COND S.M. F.O. CABLE
LOCATING UNDERGROUND
CABLE-15'

4\"-PVCC TYPE C-\"T\"-220'
72 COND S.M. F.O. CABLE
WITH TRACER CABLE

4\"-PVCC SCH40-\"P\"-80'
W/72 COND S.M. F.O. CABLE

4\"-PVCC TYPE C-\"T\"-290'
72 COND S.M. F.O. CABLE
WITH TRACER CABLE

4\"-PVCC TYPE C-\"T\"-350'
72 COND S.M. F.O. CABLE
WITH TRACER CABLE

1/2\"-PVCC-\"T\"-175'

SERVICE INSTALLATION, TYPE A

4\"-PVCC TYPE C-\"T\"-330'
72 COND S.M. F.O. CABLE
WITH TRACER CABLE

006403.9A.07C
RELOCATED
FROM MP3.1

006403.9A.16R
RELOCATED
FROM MP3.1

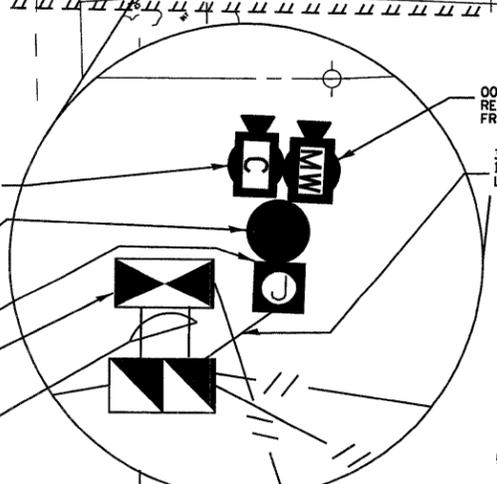
3\"-PVCC-\"T\"-10'
1-\"18-6 PAIR & *10-3C
LOCATING UNDERGROUND CABLE-10'

-LIGHT POLE 50' W/ CAMERA
LOWERING DEVICE
-LIGHT POLE FOUNDATION,
30\" DIAMETER-7 FT

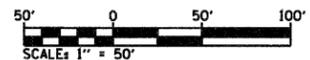
J. BOX W/ASSOCIATED CCTV & RADAR
EQUIPMENT RELOCATED
FROM MP3.1

-CONCRETE FOUNDATION,
TYPE D (SPECIAL)-3.5'
-ITS CONTROLLER CABINET RELOCATED FROM MP3.1
-MODIFY EX. CONTROLLER CABINET TYPE B
-INSTALL DIGITAL VIDEO ENCODER
-INSTALL 3000 LAYER SWITCH
-INSTALL WIRED DATA CONVERTOR
-INSTALL CCTV VIDEO SURGE PROTECTION SYSTEM

2-4\"-PVCC TYPE C-\"T\"-5'(EACH)
W/72 COND S.M. F.O. CABLE



EB 1-64
STA. 69 TO
STA. 83+00
SHEET 5 OF 15



FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -
ct:\pw_work\pwidot\prestonne\dms67883\d876c36-ah-itsplan.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/14/2010		DATE -	REVISED -

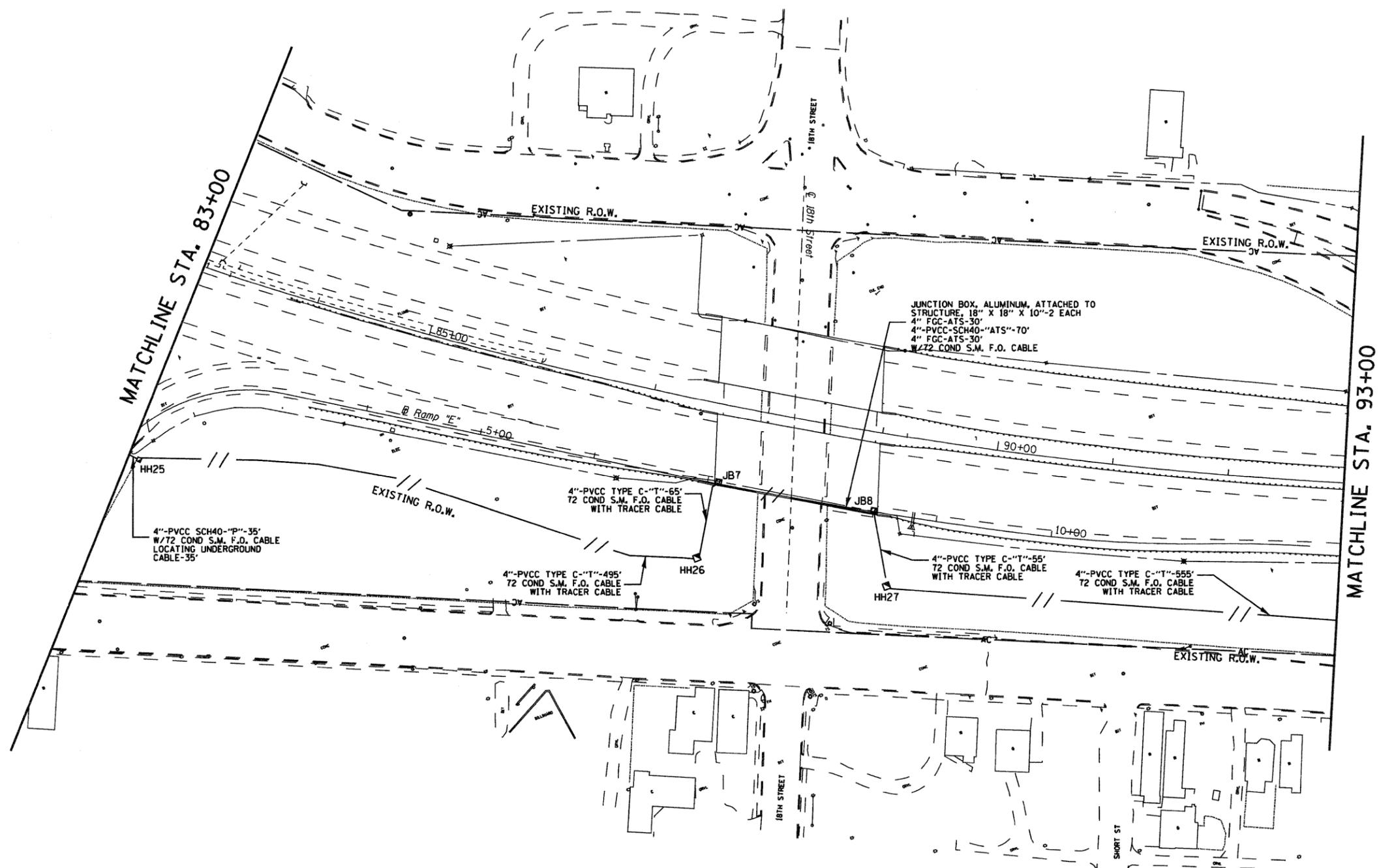
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ITS PLAN

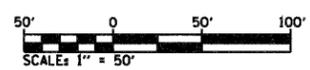
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	DIST 8 ITS 2010-1	ST. CLAIR	34	18
FED. ROAD DIST. NO. _____ (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 76C36	

CONDUIT TRANSVERSING "STEEP SIDE SLOPE" AREAS WILL BE AVOIDED TO LIMIT EROSION. CONDUIT WILL RUN DOWN THE SIDE SLOPE (TOWARD) THE TOE OF THE SLOPE, RUN ALONG THE TOE (NEAR THE TOE) OF THE SLOPE, AND THEN STRAIGHT UP THE SIDE SLOPE. THE CONTRACTOR MAY BE DIRECTED BY THE ENGINEER TO USE THIS PROCEDURE AT ADDITIONAL LOCATIONS.



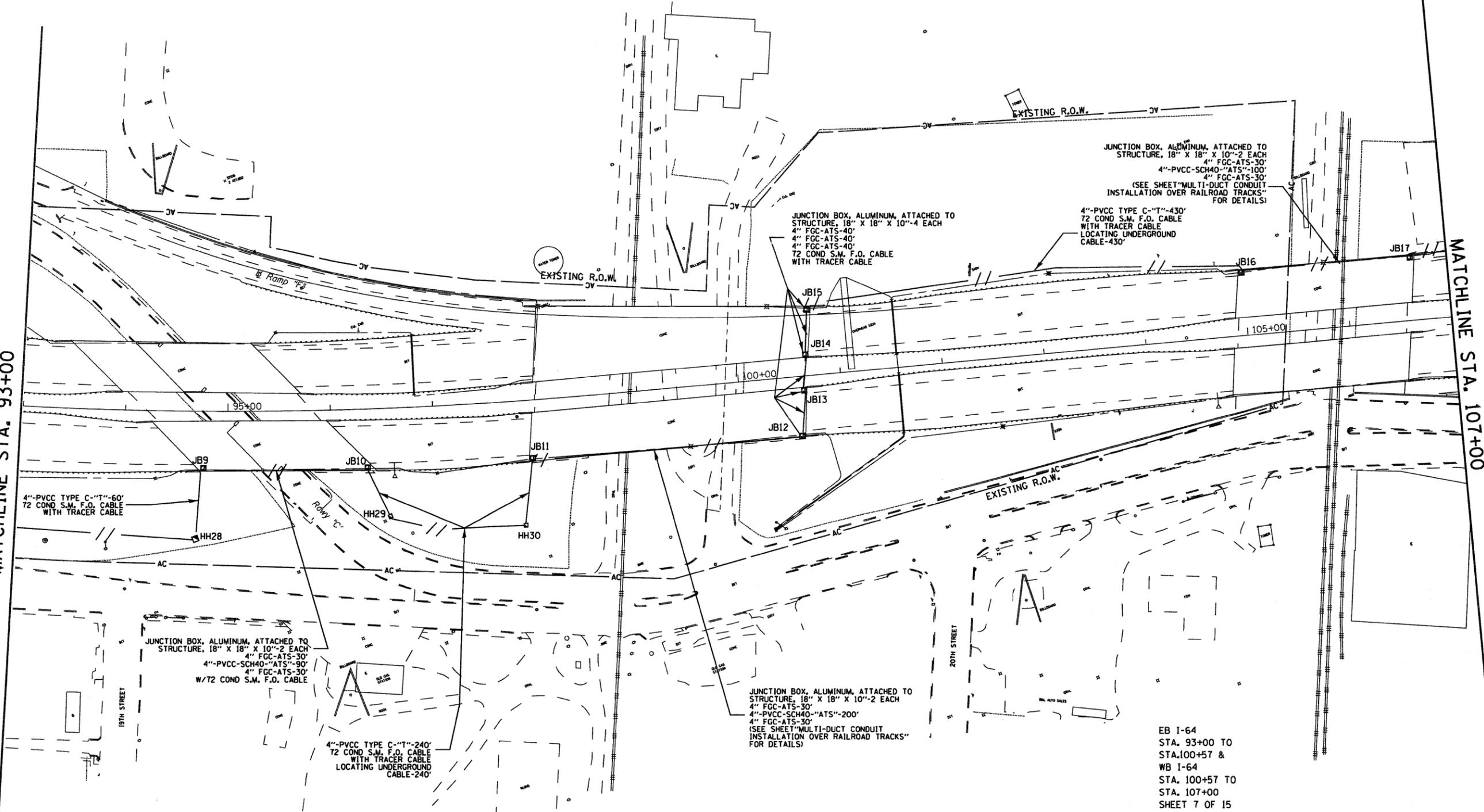
EB 1-64
 STA. 83+00 TO
 STA. 93+00
 SHEET 6 OF 15



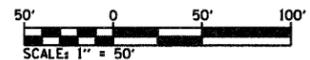
FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN		F.A.I. RTE. 64	SECTION DIST 8 ITS 2010-1	COUNTY ST. CLAIR	TOTAL SHEETS 34	SHEET NO. 19
cl:\pw\work\p\widot\prestonne\dms67883\8876c36-shr-itsplan.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 76C36		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -								
	PLOT DATE = 3/14/2010	DATE -	REVISED -								

MATCHLINE STA. 93+00

MATCHLINE STA. 107+00

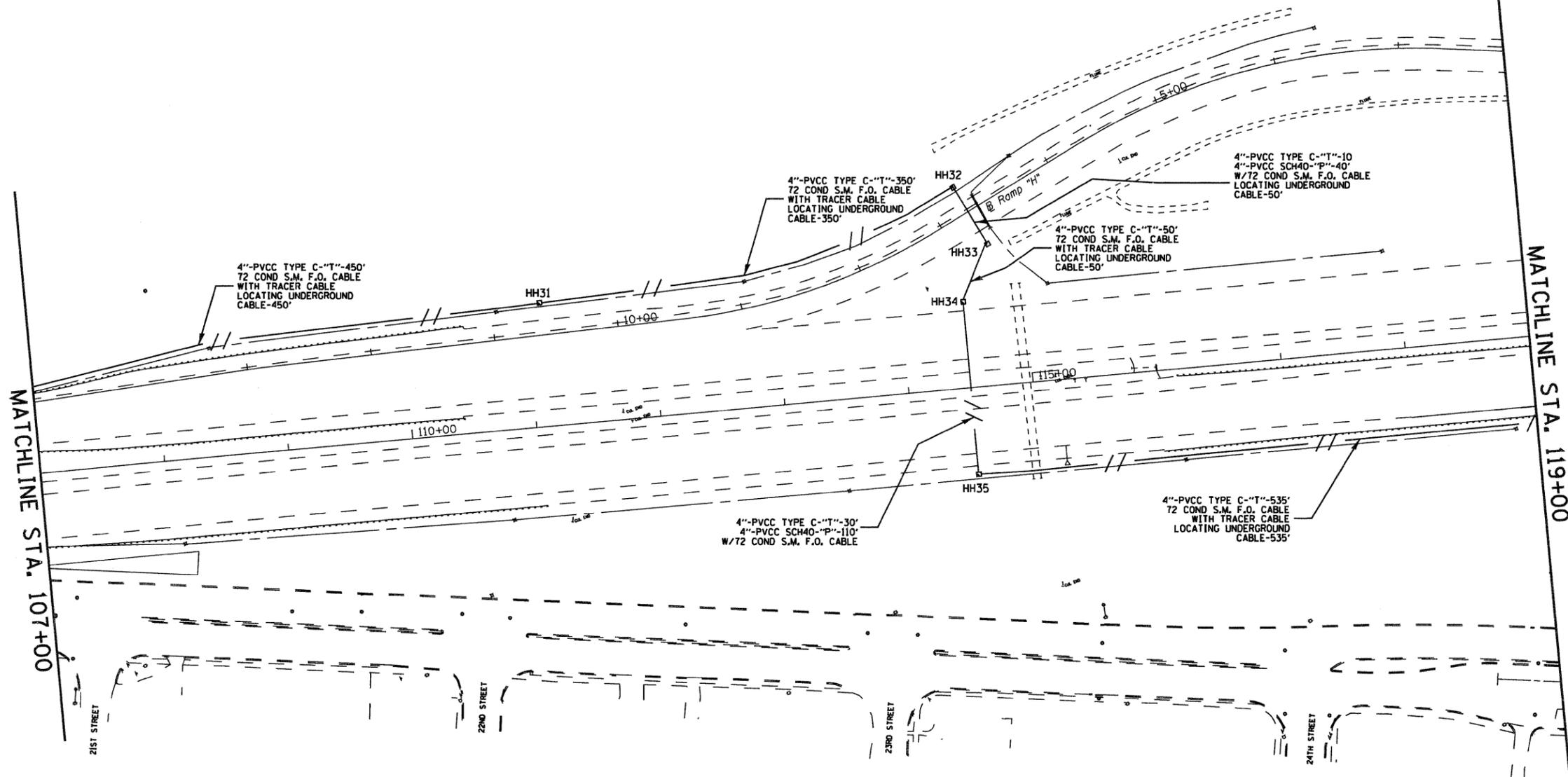


CONDUIT TRANSVERSING "STEEP SIDE SLOPE" AREAS WILL BE AVOIDED TO LIMIT EROSION. CONDUIT WILL RUN DOWN THE SIDE SLOPE TOWARD THE TOE OF THE SLOPE, RUN ALONG THE TOE NEAR THE TOE OF THE SLOPE, AND THE STRAIGHT UP THE SIDE SLOPE. THE CONTRACTOR MAY BE DIRECTED BY THE ENGINEER TO USE THIS PROCEDURE AT ADDITIONAL LOCATIONS.

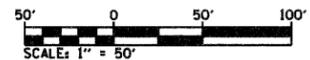


EB I-64
STA. 93+00 TO
STA. 100+57 &
WB I-64
STA. 100+57 TO
STA. 107+00
SHEET 7 OF 15

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.
cl:\pw_work\p1dot\prestonne\dms67883\d876c36-ah-itsplan.dgn	DRAWN -	REVISED -	64			DIST 8 ITS 2010-1	ST. CLAIR	34	20	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 76C36							
PLOT DATE = 3/14/2010	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



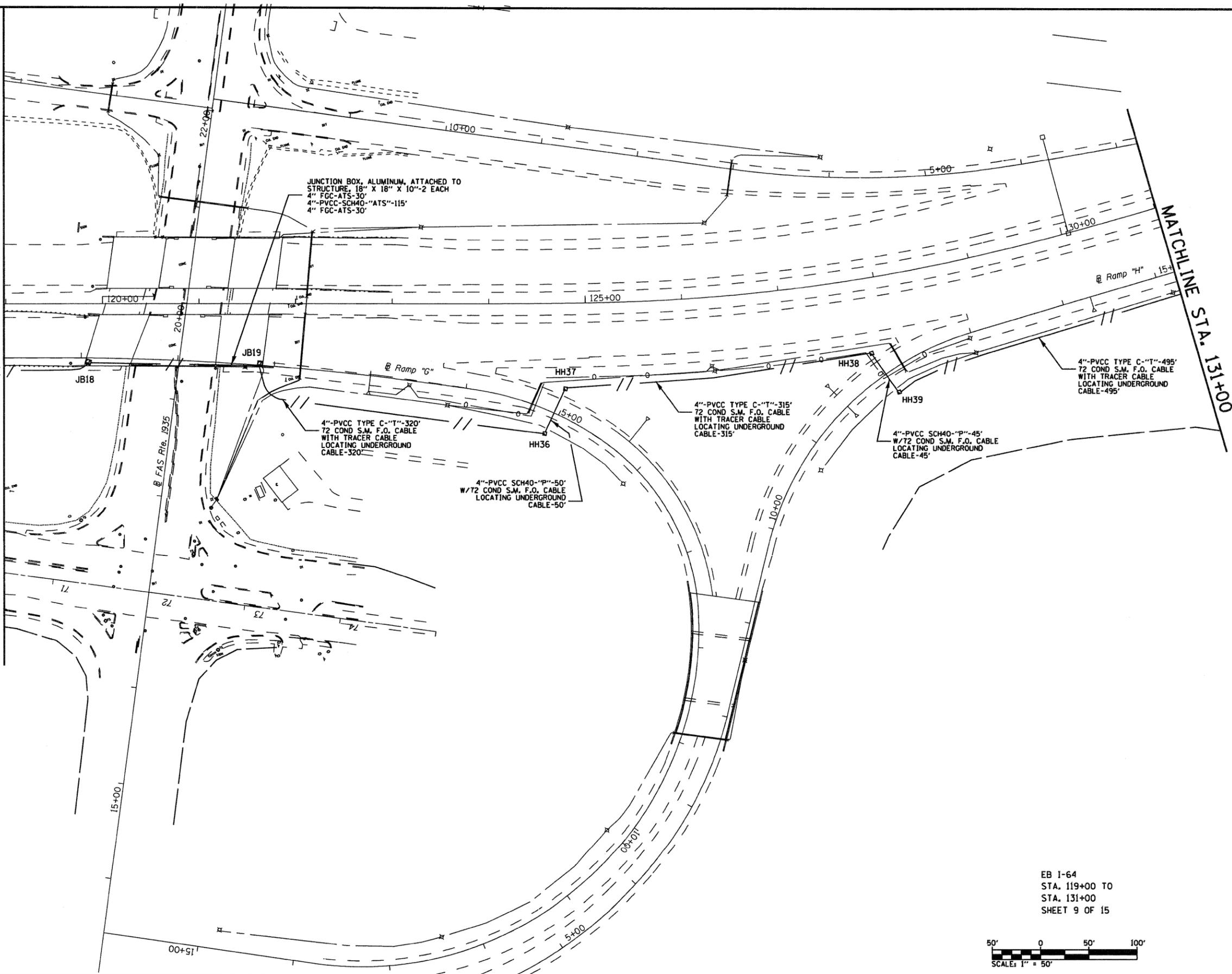
WB 1-64
 STA. 107+00 TO
 STA. 112+09 &
 EB 1-64
 STA. 112+09 TO
 STA. 119+00
 SHEET 8 OF 15



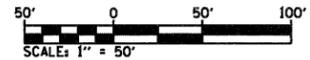
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	PLOT SCALE = 100.0000' / IN.	CHECKED - ---	REVISED - ---				SHEET NO. ___ OF ___ SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 76C36		
	PLOT DATE = 3/14/2010	DATE - -----	REVISED - ---				SCALE: _____		FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

MATCHLINE STA. 119+00

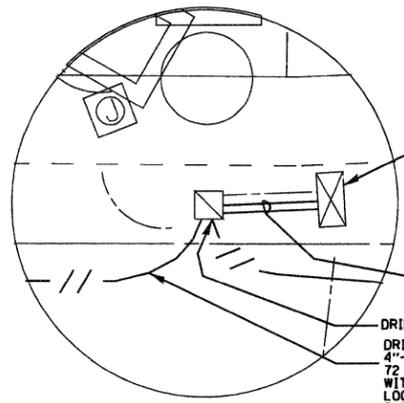
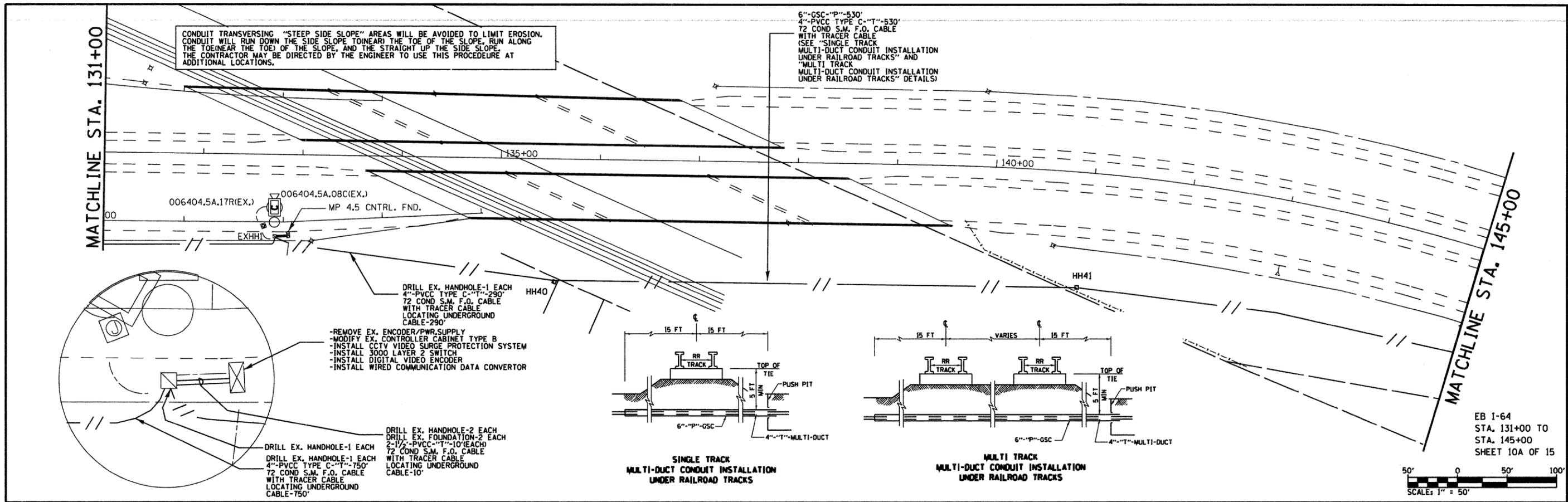
MATCHLINE STA. 131+00



EB I-64
 STA. 119+00 TO
 STA. 131+00
 SHEET 9 OF 15



FILE NAME = c:\pwwork\pwwork\prestonme\dms67883\d876c36-sht-11spln.dgn	USER NAME = prestonme	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	DRAWN - ---	REVISED - ---				64	DIST 8 ITS 2010-1	ST. CLAIR	34	22
PLOT DATE = 3/14/2010	CHECKED - ---	REVISED - ---	SCALE: ----- SHEET NO. -- OF -- SHEETS STA. ----- TO STA. -----		FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 76C36				
	DATE - -----	REVISED - ---									

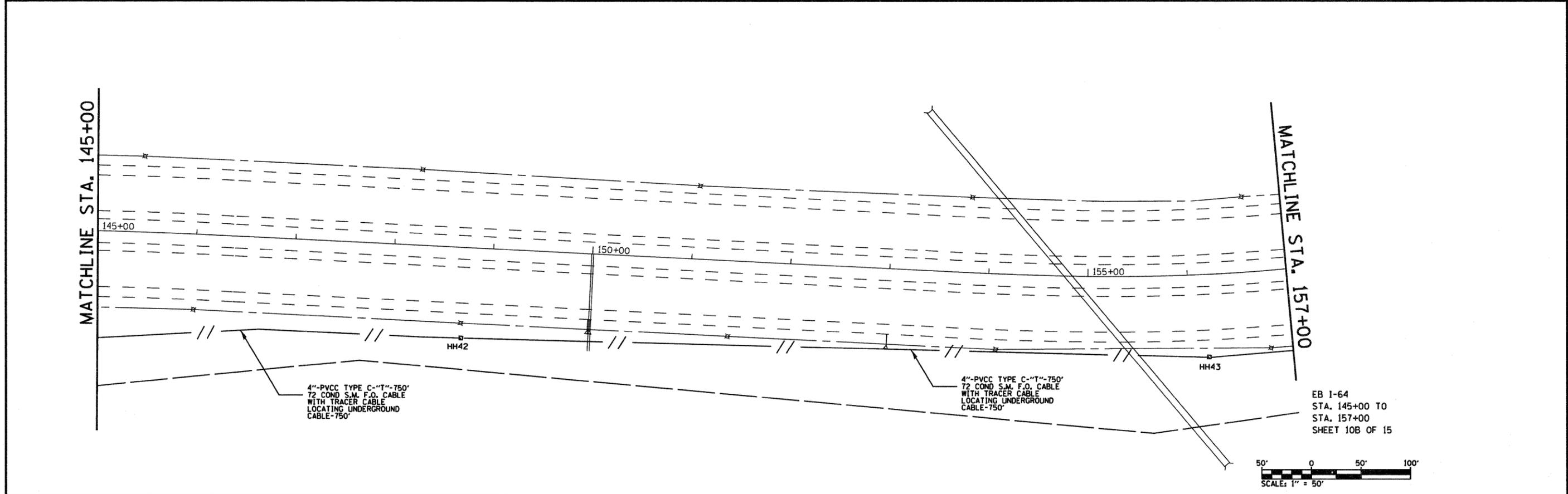


- REMOVE EX. ENCODER/PWR.SUPPLY
- MODIFY EX. CONTROLLER CABINET TYPE B
- INSTALL CCTV VIDEO SURGE PROTECTION SYSTEM
- INSTALL 3000 LAYER 2 SWITCH
- INSTALL DIGITAL VIDEO ENCODER
- INSTALL WIRED COMMUNICATION DATA CONVERTOR

- DRILL EX. HANDHOLE-1 EACH
- DRILL EX. HANDHOLE-2 EACH
- DRILL EX. FOUNDATION-2 EACH
- 2-1/2" PVCC "T"-10"(EACH)
- 72 COND S.M. F.O. CABLE
- WITH TRACER CABLE
- LOCATING UNDERGROUND CABLE-10'

EB I-64
STA. 131+00 TO
STA. 145+00
SHEET 10A OF 15

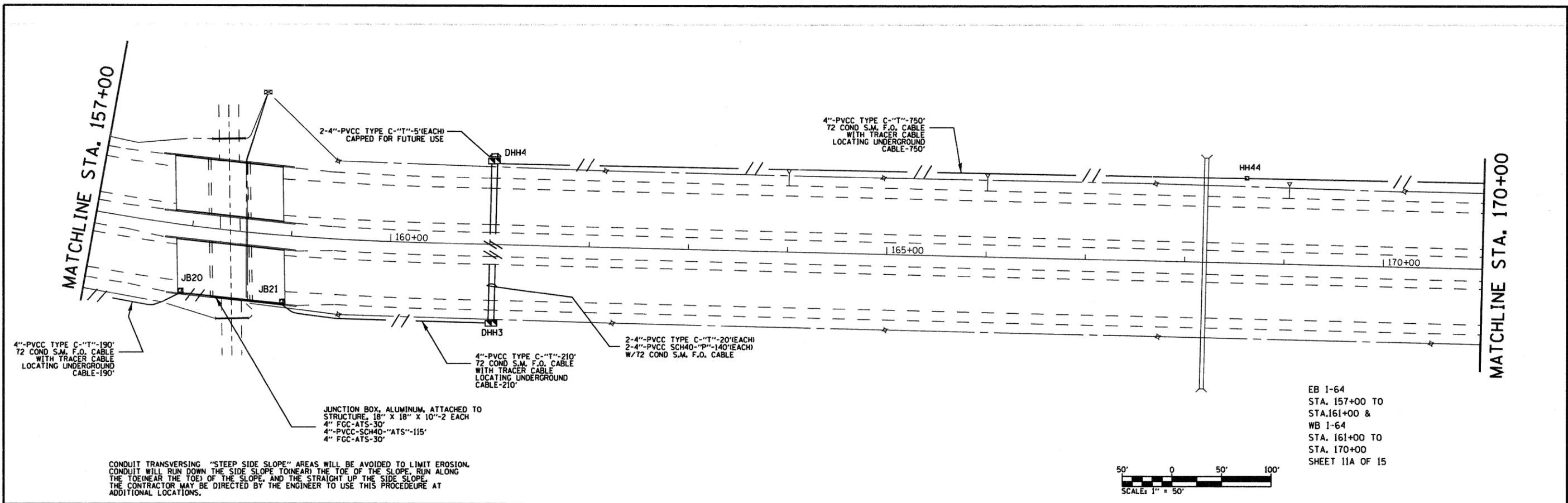
50' 0 50' 100'
SCALE: 1" = 50'



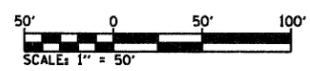
EB I-64
STA. 145+00 TO
STA. 157+00
SHEET 10B OF 15

50' 0 50' 100'
SCALE: 1" = 50'

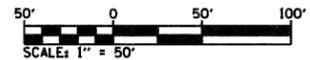
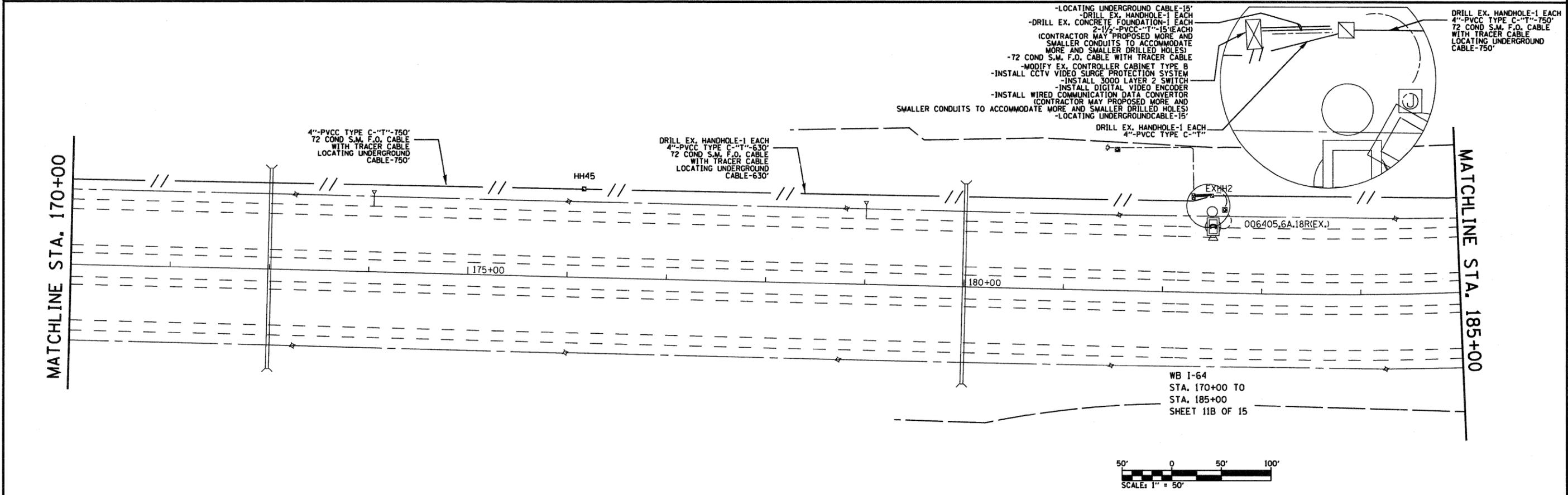
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	PLDT DATE = 3/14/2010	CHECKED -	REVISED -			CONTRACT NO. 76C36						
		DATE -	REVISED -									



CONDUIT TRANSVERSING "STEEP SIDE SLOPE" AREAS WILL BE AVOIDED TO LIMIT EROSION. CONDUIT WILL RUN DOWN THE SIDE SLOPE TO (NEAR) THE TOE OF THE SLOPE, RUN ALONG THE TOE (NEAR THE TOE) OF THE SLOPE, AND THE STRAIGHT UP THE SIDE SLOPE. THE CONTRACTOR MAY BE DIRECTED BY THE ENGINEER TO USE THIS PROCEDURE AT ADDITIONAL LOCATIONS.

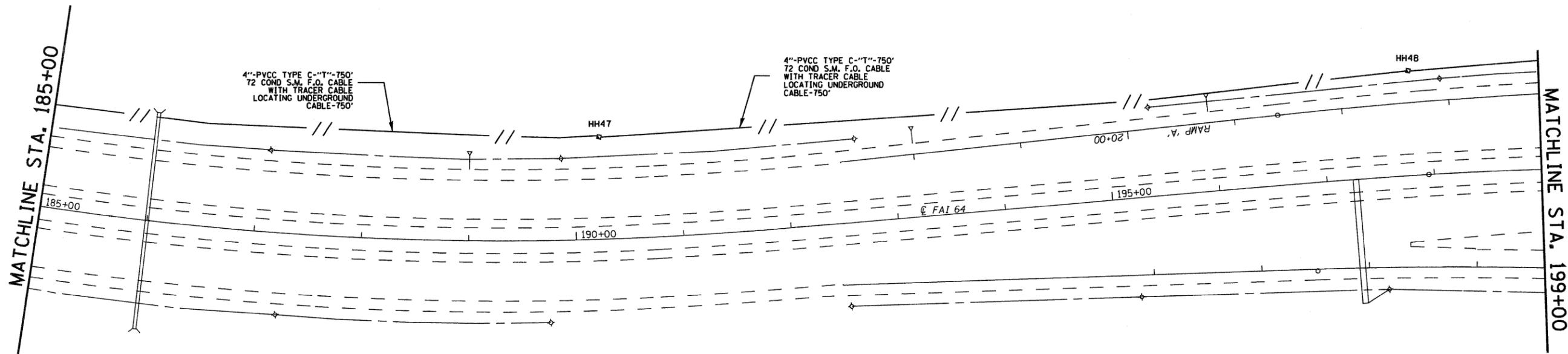


EB I-64
 STA. 157+00 TO
 STA. 161+00 &
 WB I-64
 STA. 161+00 TO
 STA. 170+00
 SHEET 11A OF 15

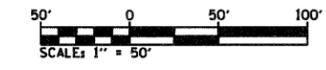


WB I-64
 STA. 170+00 TO
 STA. 185+00
 SHEET 11B OF 15

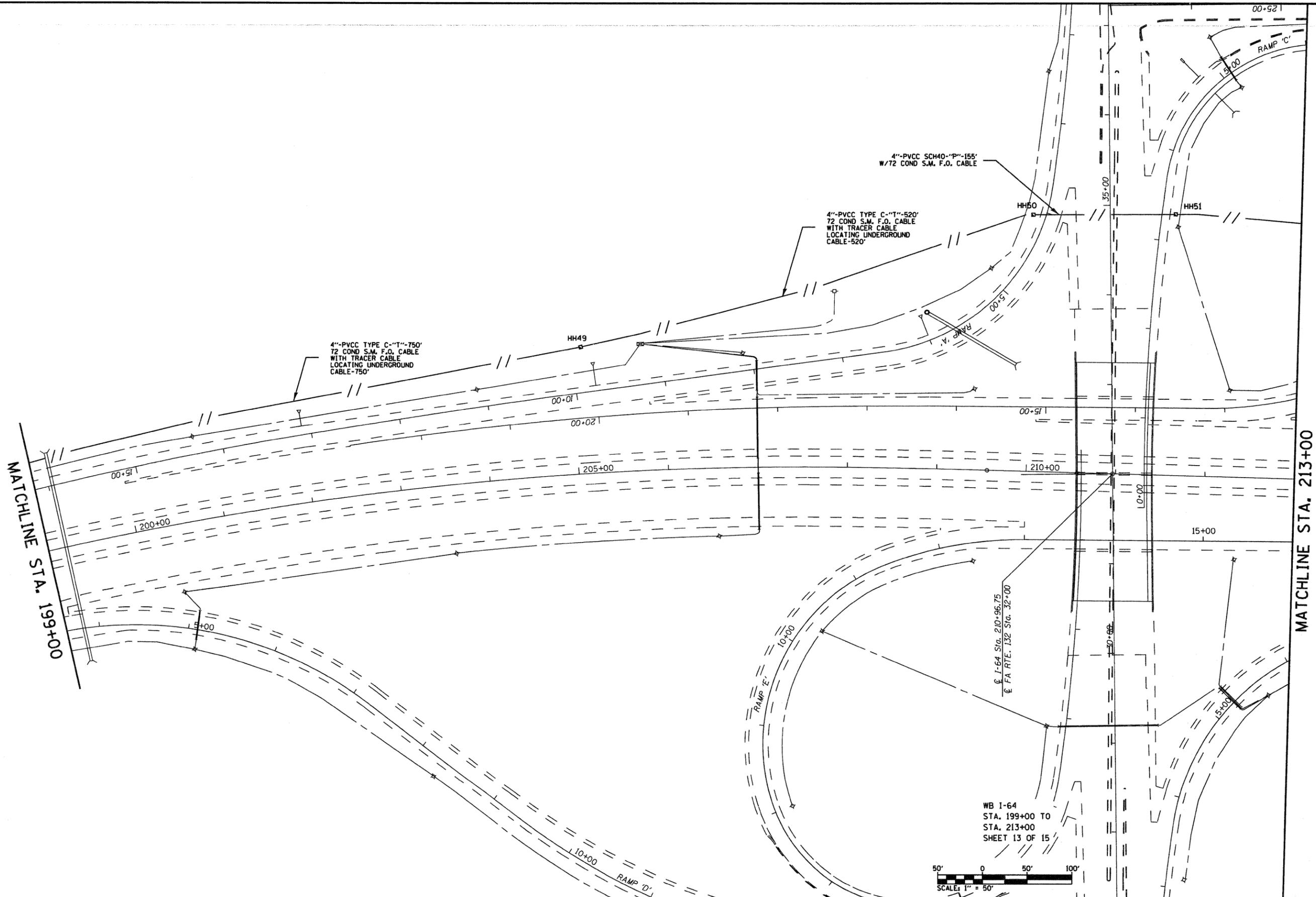
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		CHECKED -	REVISD -									
		DATE -	REVISD -									
				CONTRACT NO. 76C36								



WB I-64
 STA. 185+00 TO
 STA. 199+00
 SHEET 12 OF 15



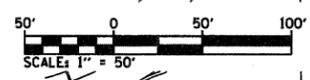
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	PLOT SCALE = 100.0000' / IN.	CHECKED - ---	REVISED - ---				CONTRACT NO. 76C36				
	PLOT DATE = 3/14/2010	DATE - ---	REVISED - ---				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
							SCALE: -----	SHEET NO. -- OF -- SHEETS	STA. ----- TO STA. -----		



MATCHLINE STA. 199+00

MATCHLINE STA. 213+00

WB I-64
STA. 199+00 TO
STA. 213+00
SHEET 13 OF 15



FILE NAME =	USER NAME = prestonm	DESIGNED -	REVISD -
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	PLOT DATE = 3/14/2010	DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

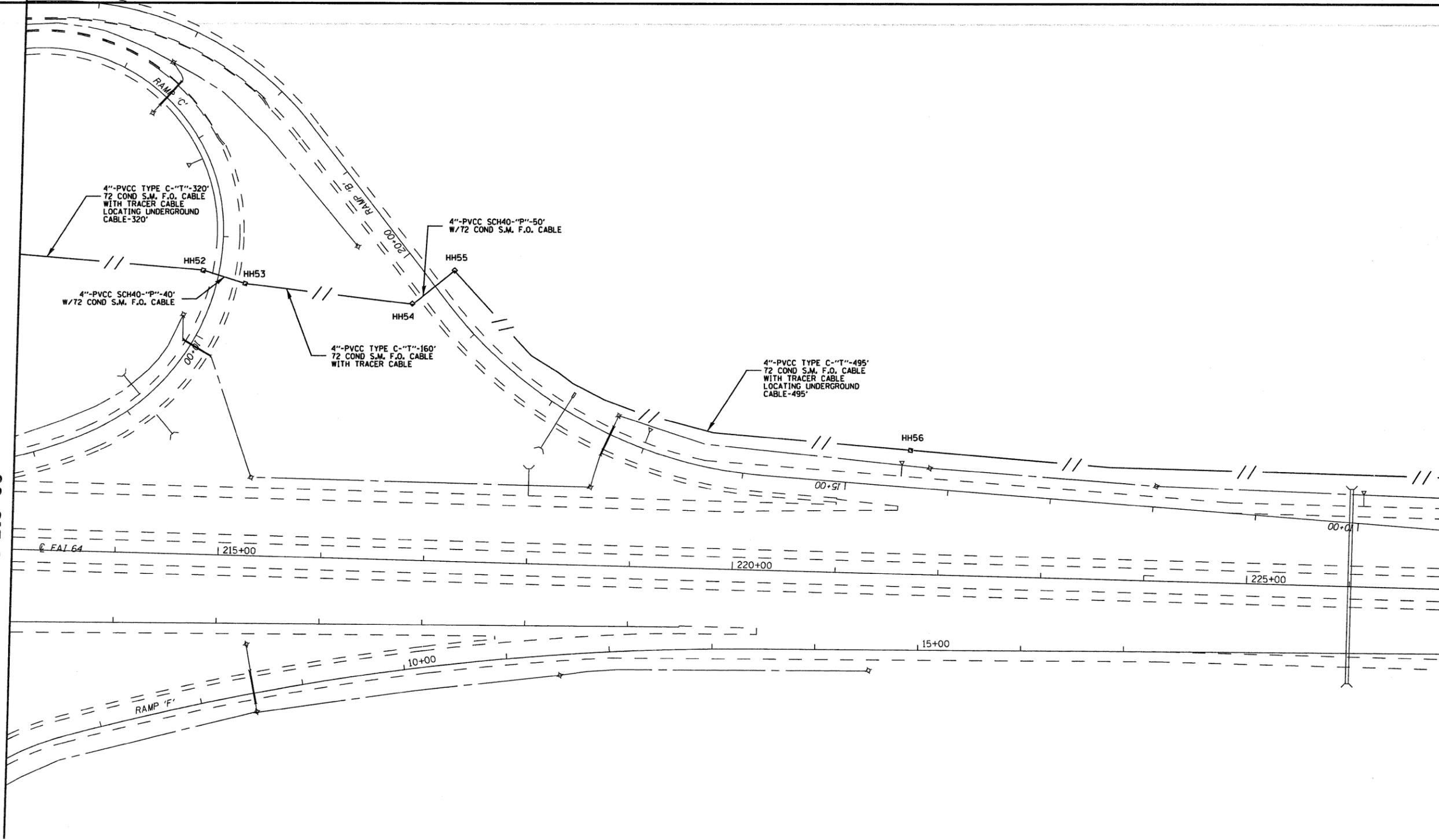
ITS PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	DIST 8 ITS 2010-1	ST. CLAIR	34	26
CONTRACT NO. 76C36			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 213+00

MATCHLINE STA. 227+00



WB I-64
 STA. 213+00 TO
 STA. 227+00
 SHEET 14 OF 15



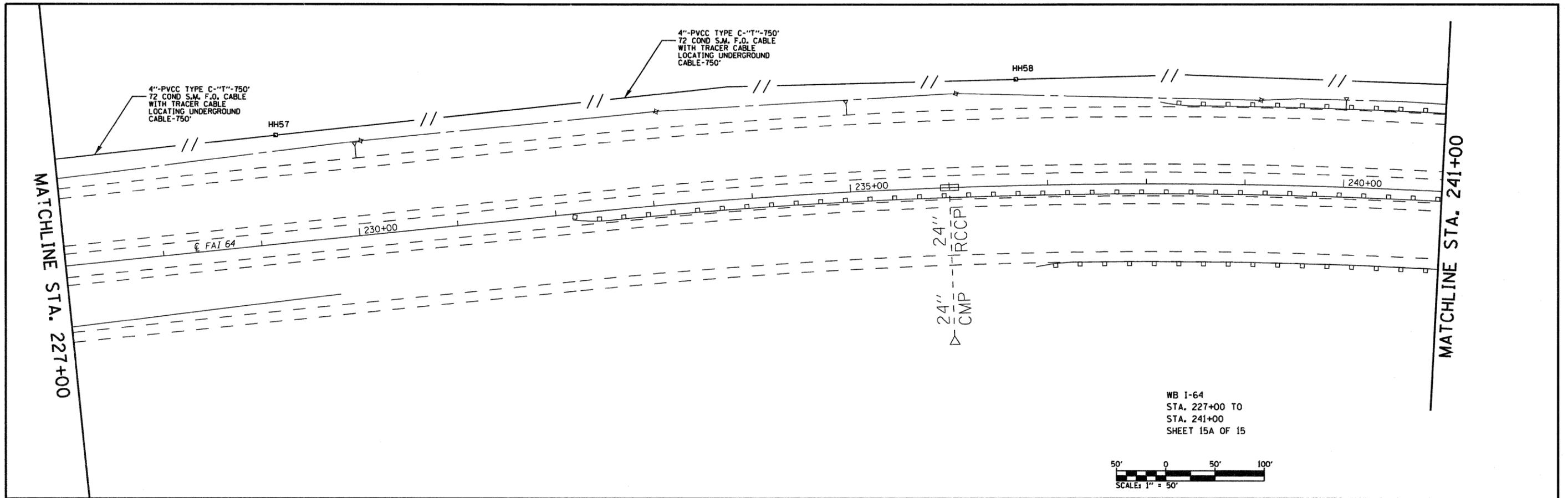
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	PLLOT DATE = 3/14/2010	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

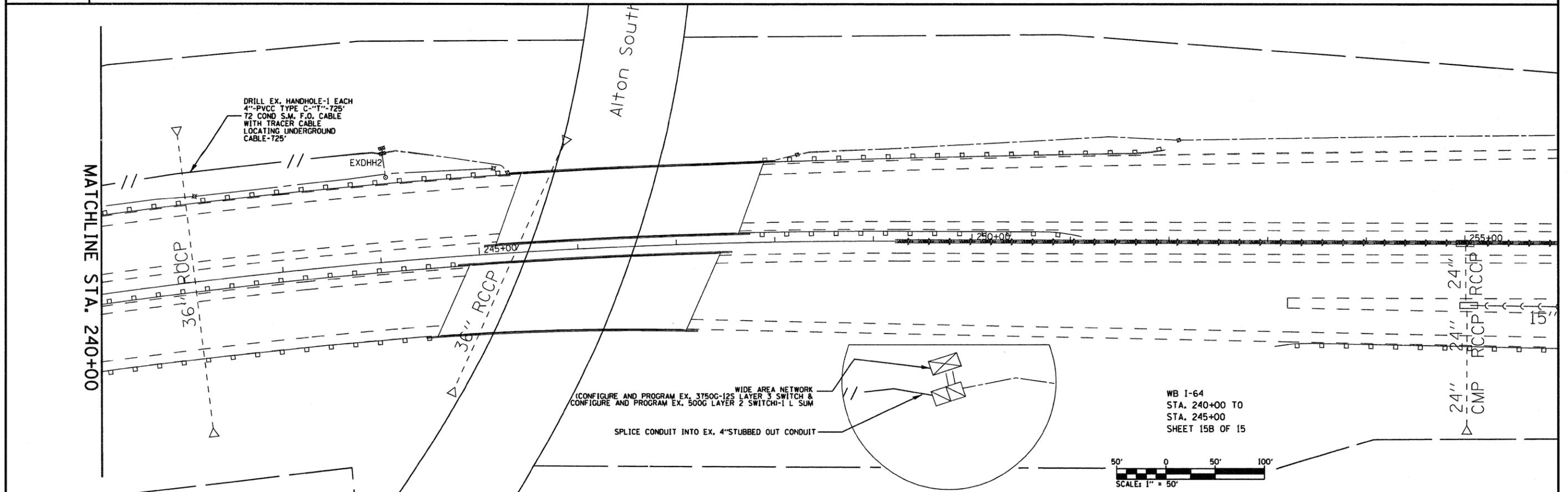
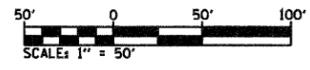
ITS PLAN

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

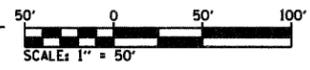
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	DIST 8 ITS 2010-1	ST. CLAIR	34	27
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT			CONTRACT NO. 76C36	



WB I-64
 STA. 227+00 TO
 STA. 241+00
 SHEET 15A OF 15



WB I-64
 STA. 240+00 TO
 STA. 245+00
 SHEET 15B OF 15



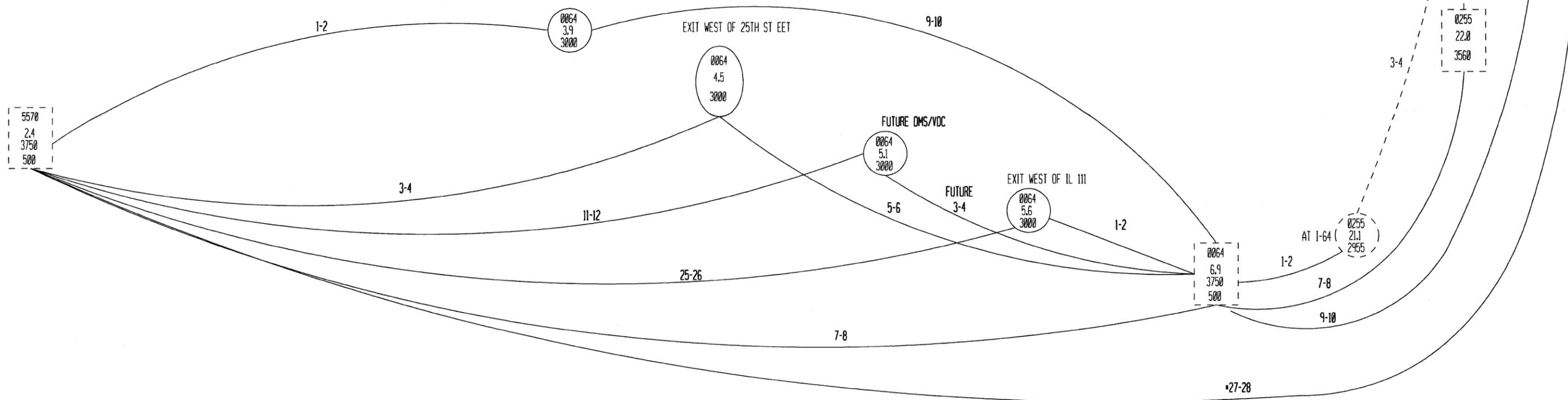
FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 3/14/2010	CHECKED -	REVISED -			CONTRACT NO. 76C36					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

↑ ODD TO THE NORTH
 ↓ EVEN TO THE SOUTH
 → ODD TO THE EAST
 ← EVEN TO THE WEST

(1) FOR FUTURE INSTALLATION

AT 10TH STREET
 (0064
 3.1
 (1))

TMC
 3550



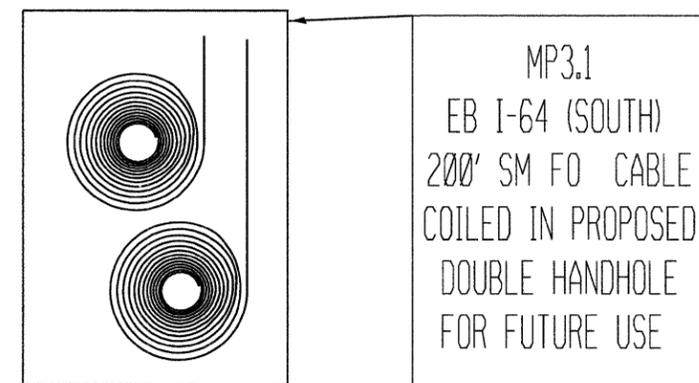
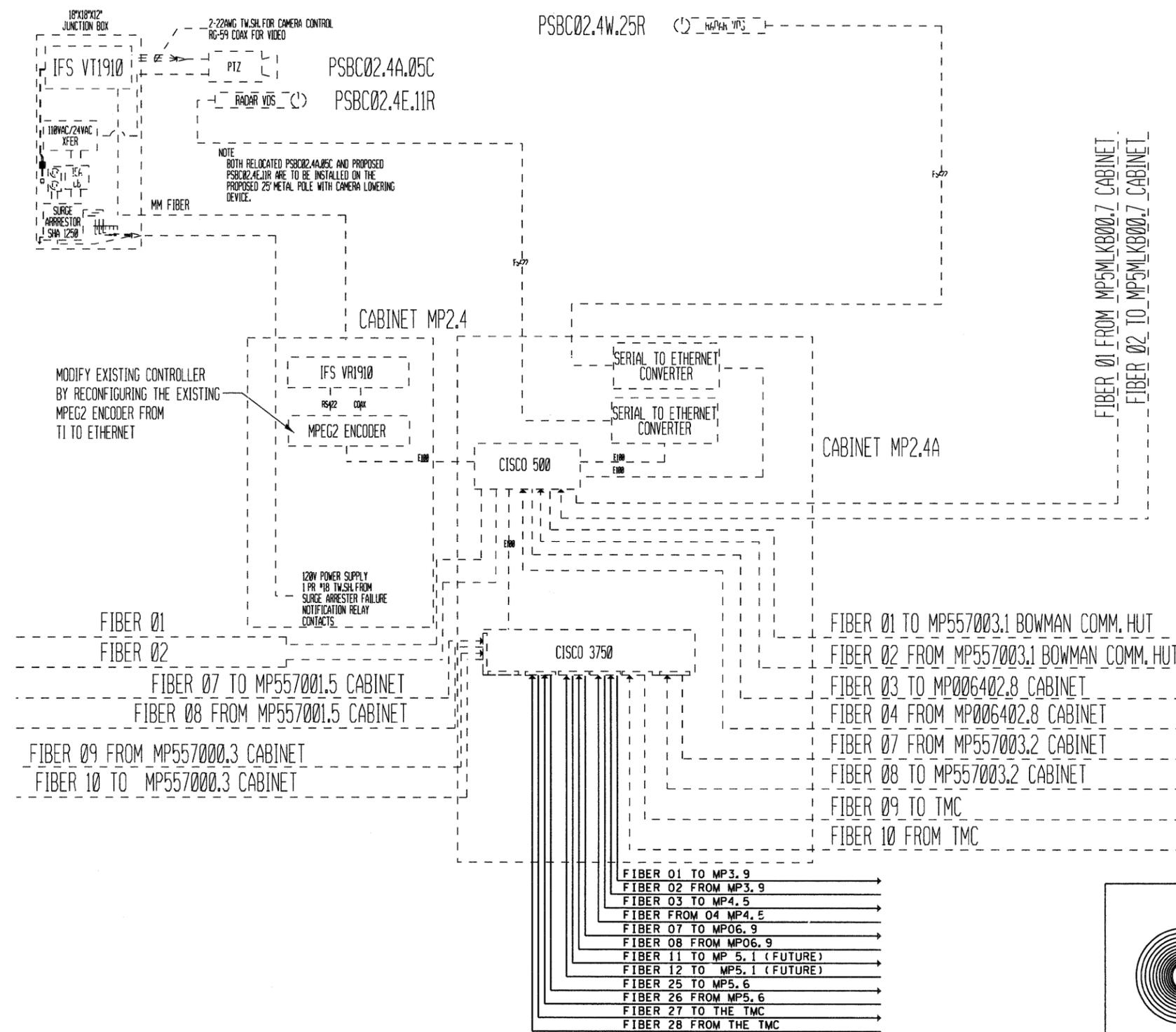
•TEMPORARY LINK MUST BE FUSIONED SPLICED AND TRANSPORTING DATA BY 01/11/2010

FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMUNICATION SYSTEM NETWORK LAYOUT	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\p\pidot\prestonne\dms67803\d676c36-ah-itsplan.dgn	DRAWN -	REVISD -	64			DIST 8 ITS 2010-1	ST. CLAIR	34	30	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISD -	CONTRACT NO. 76C36							
PLOT DATE = 3/14/2010	DATE -	REVISD -	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							

006403.9A.16R
RELOCATED
FROM MP3.1

006403.9A.07C
RELOCATED
FROM MP3.1

CABINET MP006403.9
RELOCATED FROM MP3.1
W/ASSOCIATED MP3.1
RADAR VDS & PTZ
RELOCATED EQUIP.



FILE NAME =	USER NAME = prestonne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMUNICATION SHEET MP557002.4 CABINET TO MP006403.9 CABINET		F.A.I. RTE. 64	SECTION DIST 8 ITS 2010-1	COUNTY ST. CLAIR	TOTAL SHEETS 34	SHEET NO. 31	
cl:\pwwork\pwwork\prestonne\dms67883\d676c36-shr-itspln.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. ____ OF ____ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. _____	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76C36		
		CHECKED -	REVISED -									
		DATE -	REVISED -									

006405.6A.18R(EX.)

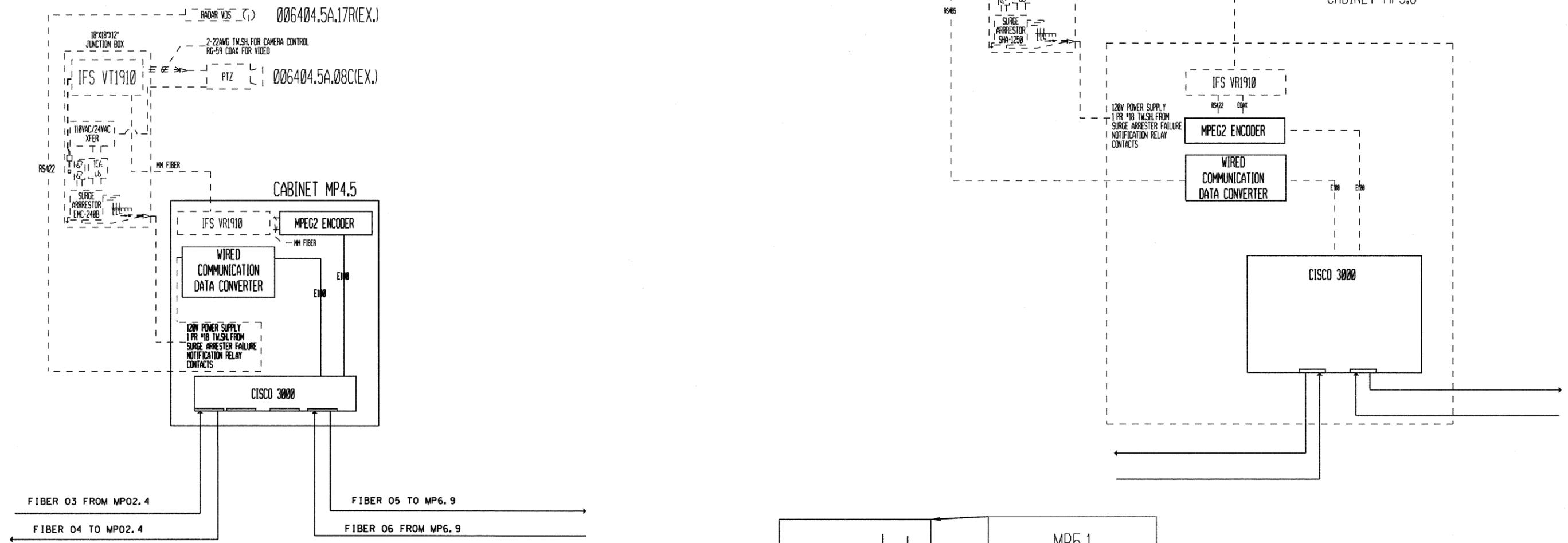
006405.6A.09C(EX.)

006404.5A.17R(EX.)

006404.5A.08C(EX.)

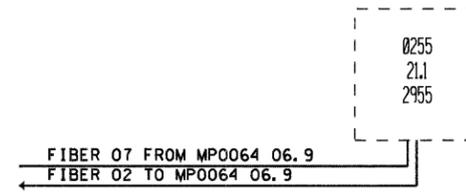
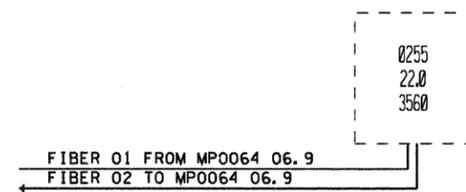
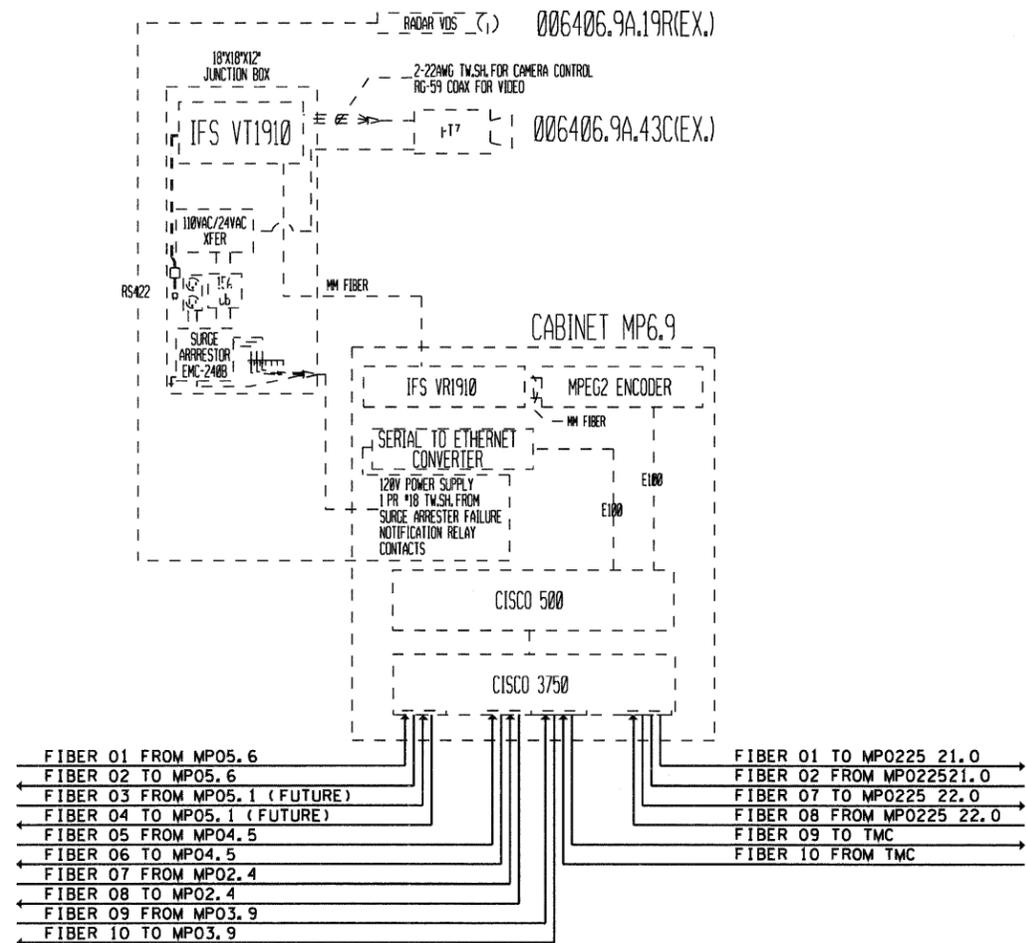
CABINET MP5.6

CABINET MP4.5



MP5.1
WB I-64 (NORTH)
200' SM FO CABLE
COILED IN PROPOSED
DOUBLE HANDHOLE
FOR FUTURE USE

FILE NAME = c:\pw_work\pripdot\prestonne\dms67883\d876c36-ah-t:tsplon.dgn	USER NAME = prestonne	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMUNICATION SHEET MP006404.5 CABINET TO MP006405.6 CABINET		F.A.I. RTE. 64	SECTION DIST 8 ITS 2010-1	COUNTY ST. CLAIR	TOTAL SHEETS 34	SHEET NO. 32
	PLOT SCALE = 100.0000' / IN.	DRAWN - ---	REVISED - ---		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 76C36	
PLOT DATE = 3/14/2010	CHECKED - ---	REVISED - ---									
	DATE - -----	REVISED - ---									



FILE NAME =	USER NAME = preston	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMUNICATION SHEET MP006406.9 CABINET		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\p\dot\preston\dms67883\d876c36-ah-t\stapl0n.dgn	DRAWN -	REVISED -	64				DIST 8 ITS 2010-1	ST. CLAIR	34	33	
PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISED -	CONTRACT NO. 76C36								
PLOT DATE = 3/14/2010	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____											

