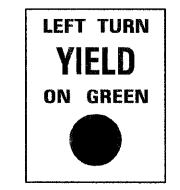


TRAFFIC SIGNAL QUANTITIES - RAMPS B & C INTERSECTION			
QTY	UNIT	ITEM	LOCATION
6	EACH	TRAFFIC SIGNAL BACKPLATE	
1	EACH	HANDHOLE, PORTLAND CEMENT CONCRETE	
4	EACH	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	D, G
3	EACH	PEDESTRIAN PUSH-BUTTON	B, E, H
2	EACH	TRAFFIC SIGNAL POST, 3.35 METER	E, H
2	EACH	TRAFFIC SIGNAL POST, 3.95 METER	A, B
2	EACH	TRAFFIC SIGNAL POST, 4.55 METER	C, F
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 10.97 METER	G
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE 14.02 METER	D
5.4	METER	CONCRETE FOUNDATION, TYPE A	A, B, C, E, F, H
0.9	METER	CONCRETE FOUNDATION, TYPE D	CONTROLLER
8.3	METER	CONCRETE FOUNDATION, TYPE E 750MM DIAMETER	D, G
2	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED	B, F
1	EACH	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED	E
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	D
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	C
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	A, B, G
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	D, G
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 1-3 SECTION, 2-5 SECTION, BRACKET MOUNTED	F
1	EACH	SERVICE INSTALLATION (SPECIAL)	
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	
1	EACH	TRANSCIVER - FIBER OPTIC	
61	METER	LOCATING UNDERGROUND CABLE	

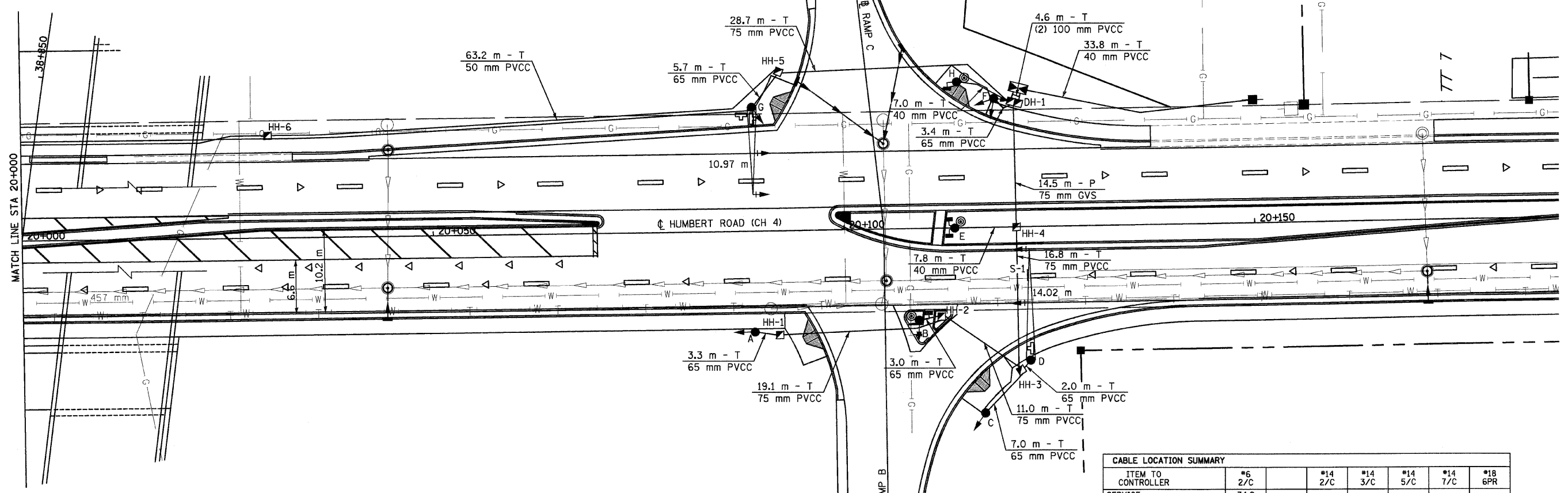
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-15-1, 60-15B-1	MADISON	238	100
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 76635				



S-1
(ON MAST ARM H)
R10-12 (600 mm x 760 mm)
NOT TO SCALE



(LOCATIONS B, E, H)
R10-4 (240 mm x 300 mm)
SEE STANDARD 878001
NOT TO SCALE

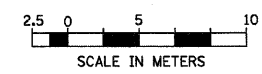


CONDUIT LOCATION SUMMARY							
LOCATION	40 mm T-PVCC	50 mm T-PVCC	65 mm T-PVCC	75 mm T-PVCC	75 mm P-GVS	100 mm T-PVCC	TRENCH & BACKFILL
SIGNAL "A" to HH-1			3.3				3.3
HH-1 to HH-2				19.1			19.1
SIGNAL "B" to HH-2			3.0				3.0
HH-2 to HH-3				11.0			11.0
SIGNAL "C" to HH-3			7.0				7.0
MAST ARM "D" to HH-3			2.0				2.0
HH-3 to HH-4				16.8			16.8
SIGNAL "E" to HH-4	7.8						7.8
HH-4 to DH-1					14.5		
SIGNAL "F" to DH-1			3.4				3.4
MAST ARM "G" to HH-5			5.7				5.7
HH-5 to DH-1				28.7			28.7
SIGNAL "H" to DH-1	7.0						7.0
DH-1 to CONTROLLER						4.6	4.6
SERVICE TO CONTROLLER	33.8						33.8
HH-5 to HH-6		63.2					63.2
TOTAL	48.6	63.2	24.4	75.6	14.5	4.6	216.4

STRUCTURE LOCATION	
ITEM	LOCATION
CONTROLLER	20+121.5 16.9 LT
SERVICE	20+154.7 13.8 LT
A	20+089.0 12.3 RT
B	20+109.0 11.2 RT
C	20+116.9 22.6 RT
D	20+122.5 16.3 RT
E	20+113.5 C
F	20+118.5 15.7 LT
G	20+089.0 15.1 LT
H	20+114.0 17.8 LT
HH-1	20+092.0 12.7 RT
HH-2	20+111.7 10.8 RT
HH-3	20+121.3 17.5 RT
HH-4	20+121.0 C
HH-5	20+092.3 19.4 LT
HH-6	20+030.0 12.5 LT
DH-1	20+121.0 15.2 LT

CABLE LOCATION SUMMARY						
ITEM TO CONTROLLER	#6 2/C	#14 2/C	#14 3/C	#14 5/C	#14 7/C	#18 6PR
SERVICE	34.9					
POST A				87.0		
POST B		62.9	64.9	64.9		
POST C					55.2	
MAST ARM D				59.2	65.8	58.2
POST E		34.5	73.0			
POST F				14.3	28.6	
MAST ARM G				169.0		115.2
POST H		17.2	19.2			
TOTAL	34.9	114.6	157.1	394.4	149.6	173.4

SEE RAMPS A & D TRAFFIC SIGNAL PLAN FOR INTERCONNECT QUANTITIES.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL PLAN
FAP 310 (IL 255)
SECTIONS 60-15-1, 60-15B-1
MADISON COUNTY

DATE _____ CHECKED BY _____
DRAWN BY _____

HUMBERT ROAD AND RAMPS B & C INTERSECTION

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