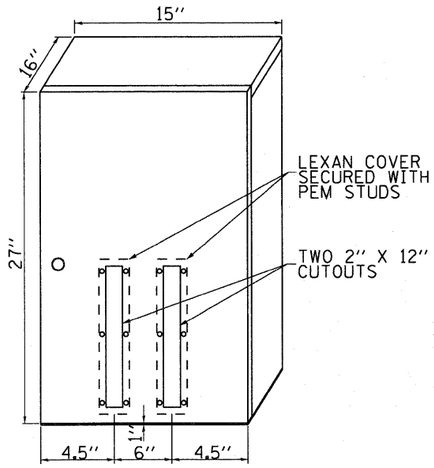
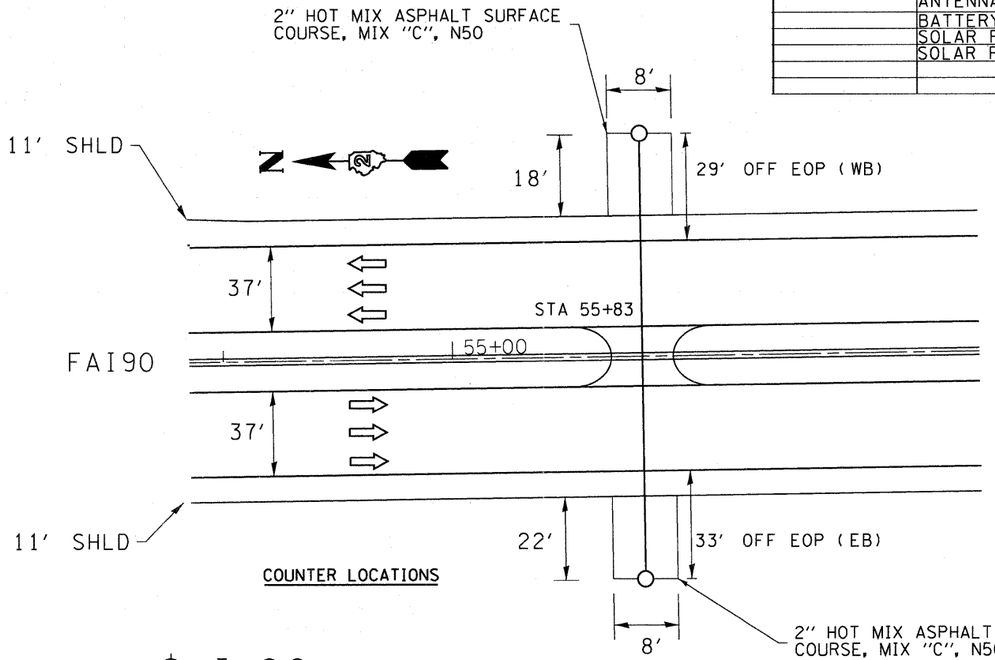


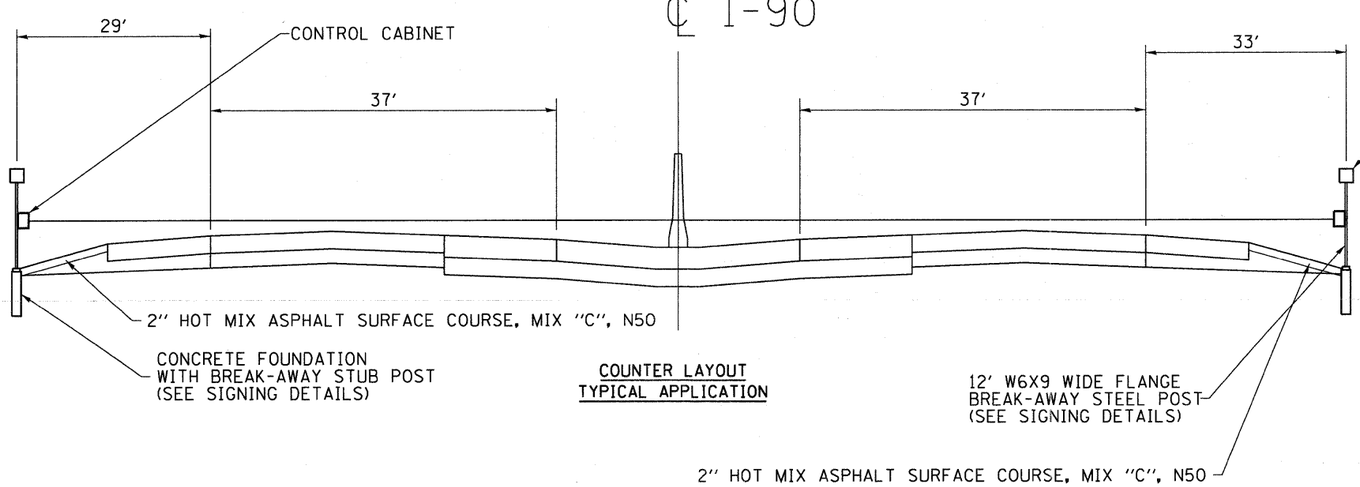
CABINET DETAIL

TRAFFIC COUNTER
SCHEDULE OF QUANTITIES
(FOR INFORMATION ONLY)

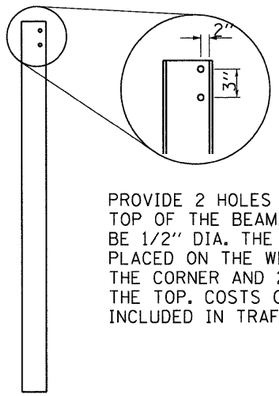
	ITEM	UNIT	QUANTITY
	LOCATION 1		
	DATA COLLECTION SYSTEM	EACH	1
	WIRELESS MODEM	EACH	1
	DUALBAND CELLULAR/PCS ANTENNA	EACH	1
	CABINETS	EACH	2
	ANTENNA AND MODEM CABLES	EACH	1
	BATTERY CABINET	EACH	1
	SOLAR PANEL 40W	EACH	1
	SOLAR PANEL 20W	EACH	1



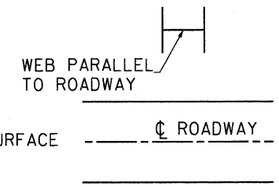
COUNTER LOCATIONS



COUNTER LAYOUT
TYPICAL APPLICATION



PROVIDE 2 HOLES DRILLED IN THE TOP OF THE BEAM. THE HOLES SHOULD BE 1/2" DIA. THE HOLES SHOULD BE PLACED ON THE WEB 2" IN FROM THE CORNER AND 2" DOWN FROM THE TOP. COSTS OF DRILLING HOLES INCLUDED IN TRAFFIC COUNTER.



STANDARD 6" I-BEAM 12' TALL

NOTES:

1. SYSTEM CONSISTS OF TWO STANDARD 6" I-BEAM SIGNPOSTS WITH CONCRETE FOUNDATION AND A FLANGE WITH BREAKAWAY BOLTS.
2. THE I-BEAMS ARE 12' LONG AND DRILLED ACCORDING TO THE DRAWING TO ACCOMMODATE A PIPE TO ALLOW THE MOUNTING OF A SOLAR PANEL.
3. THE WEB OF THE I-BEAM IS PLACED PARALLEL TO THE LANES.
4. THE POST MUST BE PLACED DIRECTLY ACROSS FROM EACH OTHER PERPENDICULAR TO THE LANES.
5. TWO POSTS ARE REQUIRED FOR EACH LOCATION.
6. THE CABINETS ARE ATTACHED TO THE I-BEAMS USING GALVANIZED J-BOLTS.
7. IDEALLY THE CABINET HEIGHT SHOULD BE APPROX. 5' AND BE ABLE TO VIEW THE OTHER CABINET WITH THE LINE OF SIGHT BEING ABOUT 4" ABOVE THE SURFACE OF THE ROAD.
8. THE IDOT OFFICE OF PLANNING AND PROGRAMMING DATA MANAGEMENT LAB (ATTN: RAMON TAYLOR 217-782-2065) SHALL BE NOTIFIED TWO WEEKS PRIOR TO THE LAYOUT AND PLACEMENT OF THE POST FOUNDATIONS.

McClure Engineering Associates, Inc. — LOCHNER — RWA — QUIGG ENGINEERING INC.

USER NAME = _USERNAME_	DESIGNED - JWS	REVISED -	
FILE NAME = #FILE#	DRAWN - PDB	REVISED -	
PLOT SCALE = 500.0000 ' / IN.	CHECKED - BRM	REVISED -	
PLOT DATE = 10/19/2011	DATE - 02-05-09	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC COUNTER DETAIL I-90

SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	(X2-1) R	WINNEBAGO	510	340
		CONTRACT NO. 64C29		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		