Wagstaff Bud MTWR

From: Tanner Doug MTMS
Sent: Thursday, January 31, 2008 4:10 PM
To: Wagstaff Bud MTWR
Cc: McDonald Barry MTMS; Kruk Tomasz MTMS
Subject: OUDT Drawings

Bud,

I just wanted to remind you about the discussion we had dealing with the drawings of the OUDT. On the ARM100 portion of the drawing you have Output 1 = G, Output 2 = Y, Output 3 = R, Output 4 = G, Output 5 = Y, Output 6 = R. Currently we have it coded so each output controls both the Red and Green of a Traffic Signal (i.e. 0 = Red, 1= Green, Yellow is not accounted for). If a gate is on the output then 0 = Up and 1 = Down. In the preconfigured cases we have defined the following will always be true.

Output 1 = Entrance Traffic Signal (Direction 1)
Output 2 = Exit Traffic Signal (Direction 1)
Output 3 = Entrance Traffic Signal (Direction 2)
Output 4 = Exit Traffic Signal (Direction 2)
Output 5 = Entrance Gate
Output 6 = Exit Gate

If a case is chosen that does not have some of these components it will still be wired this way. So if they only want two Gates then the wiring would be as follows.

Output 1 = Nothing Connected
Output 2 = Nothing Connected
Output 3 = Nothing Connected
Output 4 = Nothing Connected
Output 5 = Entrance Gate
Output 6 = Exit Gate

I just want to make sure there is no confusion surrounding this when making the boxes.

Note: With Case 0 (User Defined case) the user can configure however they want, but each light will still require only one output. We do not allow one light to be configured with two or more outputs.

Doug