

## CHANGE LIST for

### MDOT Traffic and Safety Signal Details - Wayne County

Located at

[http://mdotcf.state.mi.us/public/tands/Details\\_Web/mdot\\_sig\\_wayneco\\_det\\_e17.pdf](http://mdotcf.state.mi.us/public/tands/Details_Web/mdot_sig_wayneco_det_e17.pdf)

#### December 16, 2014:

**WC-408-A Sheet 1 of 1** Moved sheet one to the right side of the page.

October 21, 2014: Fixed borders, changed file location name, and changed date on all details.

#### September 18, 2012:

**WC-028-B Sheet 1 of 3** Modified the text for the pedestal shaft description to read as "6063-T6 alloy, 4" x .237" wall schedule 40-3.73 #/ft. spun finish".

#### November 15, 2011:

**Revised: 0-Notes-Wayne County:**

1. Removed Misc. Item "Conc Quality Assurance".
2. Added notes 19. and 20.

March 15, 2011: The following updates were made to the web site:

**WC-026-B Sheet 1 of 1** Modified the detail orientation on the 11" by 17" pdf to appear on the right side of the sheet.

February 15, 2011: The following updates were made to the web site:

**0-Notes-Wayne County:** The General Notes sheet was revised for use on projects in Wayne County.

**WC-028-B Sheet 1 of 3** Added the description "Frangible" for Square aluminum base. Changed conduit size from 3" to 1 1/2" in pedestal foundation detail and showed ground rod depth to 6" below grade. Changed square foundation dimension from 20" x 20" to 22" x 22".

**WC-029-C Sheet 1 of 4** Added the description "Adaptive coupling" near grade level to the Wood Pole detail.

August 17, 2010: The following updates were made to the web site.

**WC-01** (Span Wire TS on Steel Poles) Delete & Use **SIG -10-A & SIG-011-A**

**WC-02** (Anchor Base Steel Strain Pole/Fdn) Delete & Use **SIG -150-A**

**WC-03** (Directional Settings/Color Code) Delete & replace with detail **WC-026-A**  
**WC-03A** (Span Wire Mtd TS Bracket Assembly) Delete & replace with detail **WC-030-A**  
**WC-03C** (Splice Junction Box) Delete & replace with detail **WC-408-A**  
**WC-03D** (Color Code Wiring/Signal Lamps) Delete & replace with detail **WC-026-B**  
**WC-05A** (Typ. Pedestrian/Fdn & Bracket details) Delete & replace with detail **WC-028-B**  
**WC-07A** (Base Mtd TS Controller/Cabinet) Delete & replace with detail **WC-045-A**

**WC-026-A** (Color Code Wiring/Equipment Grounding):

**Sheet 1** add Countdown LED Ped (filled symbols)

**Sheet 2** add white-neutral wire for 3-color & dog house wiring schemes.

**Sheet 2** change order of dog house signal descriptions from top to bottom to read: **R, A** (unchanged), **G, YA & GA** (switched).

**Sheet 3,4 & 6** add “cabinet” following controller

**Sheet 4** add dimension arrow (top) 11’ to grade for base mtd. controller.

**Sheets 2, 4, 6** - delete CS - JN block, border.

**WC-026-B** (Color Code Wiring Connect/Signal Lamps):

**Sheet 1** add line for 20/C “Red w/Green Tracer” “Flashing Yellow”

**WC-028-B** (Pedestal Fdn & Signal Mounting Details)

**Sheet 1** add pedestal collar for square base, move “Pedestal” below picture, add Note: Use pedestal collar for pedestal length of = or > 14’ (typical for 3-color traffic signal in combination with pedestrian signal)

**Sheet 2** update pedestal foundation to show dimensions to grade level & sidewalk, update bottom view to match top.

**Sheet 2** revise handhole detail to delete ¾” conduit for ground wire, shown ground rod(s) flush with handhole and foundation.

**Sheet 2** delete extra ground lug, show “breaks” on foundation dimension lines.

**Sheet 3** insert “ASTM” in front of A-307 steel.

**WC-029-C** (Typical Pole Mtd Pedestrian Signals)

**New WCDPS detail – similar to SIG-29-C with the following changes:**

**Sheet 1** – near 2 hole pipe clamp insert (3’-0” spacing) & delete “galvanized”

**Sheet 1** – add See detail “A” this sheet for bottom bracket, revise & label drip loop

**Sheet 1** – delete **U.G.** and replace with Conduit (size of conduit as shown on plans)

**Sheet 1** – on note #2, second sentence capitalize “Install”

**Sheet 2** – delete the . following “hole in pole.” & “shown on plans).”

**Sheet 3** – delete “Galvanized steel 2 hole etc”, delete “next” & add 4 of 4

**Sheet 3** – delete **U.G.** and replace with Conduit (size of conduit as shown on plans)

**Sheet 3** – revise & label drip loop, modify leader lines for conduit & banding

**Sheet 4** – delete the . following “on plans.” & “concrete pole., extend conduit leader line

**Sheets 2, 4** - delete CS-JN block on bottom of sheet

**WC-030-A** (Span Wire Mounted TS Bracket Assembly)

**Sheet 1** add text install serrated metal washer & Signal nut with recess down

**Sheet 1** add text C/C distance (typ) 10 3 / 4” t the Multiple-way traffic signal heads display.

**Sheet 2** Hanger Attachment: add note near HD lock nut “Bottom nut backed-off tight against cotter-key with recess down and cotter-key bent”.

**WC-031-A** (Fiber Optic Variable Speed Limit Sign)

**New WCDPS detail**

**WC-045-A** (Base Mtd TS Controller Cabinet/Fdn)

**Sheets 1, 2, 3** – delete “Special Provision 03TC820 (A010)” to read as “contract documents”.

**Sheets 1,2, 3,** – show ground rod flush with bottom of handhole

**Sheets 1,2,** – show base adaptor & section “A-A” on base mounted TS controller cabinet

**Sheets 2, 4** -delete CS-JN block on bottom of sheet

**Sheets 4** – modify detail to show pad 1” above grade level

**Sheet 4**-revise Note to read as follows: “ Payment for the controller pad to be included in the controller foundation pay item. Controller cabinet door to open toward pad.”

**WC-170-A** (Traffic Loops)

**New WCDPS detail – similar to SIG-170-A with the following changes:**

**Sheet 1** – add dimensions **6’ by 12’ to 60’** to all loops

**Sheet 1** – add lead-in line for center loop

**Sheet 1** – show “expansion joint cut” between two thru lanes

**Sheet 1** – label “Edge of pavement”, change sections E-E to **C-C** & F-F to **D-D**

**Sheet 1** -change Note to “**Notes**” & add note 5 read: Refer to contract documents for high pressure washing of saw cuts and removal of debris.

**Sheet 2** -place “ “ around details “A”, “B”, “C”, “D”

**Sheet 2** – modify leader line for Bore hole (Type I) to point at bore hole symbol

**Sheet 3** – add “**Type II**” for Under Pavement Installation detail, and “**D-D**”

**Sheet 3** – delete statement “Coil ground wire around etc” for Handhole & Pull details

**Sheet 3** – add text “ Cut off drain wire” with leader lines for loop & lead in wire, and delete wire shown coiled around IMSA 50-2 & 51-5

**Sheet 3** – add “To loop” on left side and “To detector unit” on right side

**Sheet 3** – rotate dimension **12’ to 60’** to read horizontally for Series Loop Connection

**Sheet 3** – add the letter “**A**” on the top line & “**B**” on bottom line inside handhole for Series Loop Connection

**Sheets 2, 4** – delete CS - JN block

**WC-408-A** (Span Wire Junction Box)

**Sheet 1** – rotate all dimensions to read horizontally

show format as 1/ 8” X 1 / 4” for dimensions to be consistent & enlarge the font size for Notes.

No updates since November 1, 2003.