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

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”.

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-026-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” “Flash 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.

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.