<table>
<thead>
<tr>
<th>DRAWING NUMBER</th>
<th>TITLE AND REVISION SUMMARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>404.307</td>
<td>“Type VIII Cabinet” - Revisions to modify dimensions and reinforcing details.</td>
</tr>
<tr>
<td>404.418</td>
<td>&quot;Sign Mounting Illustration&quot; - Revisions to sign bracket requirements.</td>
</tr>
<tr>
<td>404.600</td>
<td>&quot;Pole Drilling Details&quot; - Revisions to dimensions for drill holes in poles.</td>
</tr>
<tr>
<td>404.903</td>
<td>&quot;Louvered Backplate for 5 Section Signal Head&quot; - Revisions to modify configuration of backplate.</td>
</tr>
<tr>
<td>404.1307</td>
<td>“Typical Intersection ITS Underground Layout&quot; - New standard drawing to clarify the placement of Intelligent Transportation System (ITS) conduits at intersections.</td>
</tr>
<tr>
<td>404.1500</td>
<td>&quot;Closed Circuit Television (CTV) Camera&quot;; &quot;Closed Circuit Television Camera Control Unit and Cable Wiring Diagram&quot;; &quot;Camera Extension Pole&quot;; &quot;Camera Adaptor Stand&quot; - Revisions to provide improved visibility for traffic incident monitoring and surveillance.</td>
</tr>
<tr>
<td>404.1501</td>
<td>&quot;Communication Distribution Cable Assembly (CDCA) in Cabinet&quot; - Revisions to show the CDCA placement detail in the cabinet.</td>
</tr>
</tbody>
</table>
INSIDE BOLT PATTERN DETAIL

REINFORCING PLATE DETAIL

LIFTING TAB BOLTED TO SIDE OF CABINET WITH A 1-1/2" DIA. HOLE DRILLED 2" ABOVE TOP OF CABINET (WELDING NOT ACCEPTABLE)

VENT FOR FAN

SHELVES (3)

REINFORCING BRACE INSIDE BOTTOM OF CABINET FRAME

SOLID BOLT FOR 3/4" DIA.

REINFORCING BRACE

POLICE PANEL

LOCKABLE 3/4" STAINLESS STEEL HANDLE, MIN. LENGTH = 7"
NOTES:
1. THE BRACKET AND STRAP ARE OF THE BANDIT TYPE OR EQUIVALENT.
2. 2 BRACKETS ARE REQUIRED; AND IF THE SIGN IS GREATER THAN 48" IN SIZE - 3 BRACKETS ARE REQUIRED.
SPECIAL NOTE:
Pole shall
not be drilled
for clamber
shell
until after
installation
of pole.

NOTES:
1. Drilling of pole to be oriented according to pole layout, specifications, and engineer.
2. Dimensions are from sidewalk level.
3. Dimensions are to wire inlet hole only. Use manufacturer's template to locate all other holes.
4. All holes are to conform to manufacturer's recommendations.
5. Pedestrian signal heads shall be mounted with the bottom of the signal housing including brackets and plumbing not less than 7' nor more than 10' above sidewalk level. Traffic signal heads shall be mounted with the bottom of the signal housing including brackets and plumbing not less than 10' above sidewalk level.

**SPECIFICATION REFERENCE**

<table>
<thead>
<tr>
<th>Uniform Standard Drawings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clark County Area</td>
</tr>
</tbody>
</table>

**POLE DRILLING DETAILS**

<table>
<thead>
<tr>
<th>Date 05/20/10</th>
<th>DWG. No. 404.600</th>
</tr>
</thead>
</table>
PAINT: FLAT BLACK

SHOWN 5 SECTION, 12" SIGNAL HEAD BACKPLATE WITH ELEVATOR PLUMBIZER

REFER TO DRAWING NO. 404.1029

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

LOUVERED BACKPLATE FOR 5 SECTION SIGNAL HEAD

SPECIFICATION REFERENCE

DATE 05/20/10  DWG. NO. 404.903
NOTES:
1. ALL ITS CONDUITS SHALL HAVE A 6-PAIR, REA-PE30 #22 AWG TWISTED WIRE PAIR CABLE INSTALLED.
2. ANY EXISTING ITS CONDUITS FROM THE OPPOSING SIDE OF THE STREET SHALL BE CONNECTED TO PROPOSED CONDUITS USING THE SAME SIZE CONDUIT. IF UNDERGROUNDS DO NOT EXIST, THEN PROPOSED CONDUITS SHALL BE EXTENDED 5' PAST THE EXISTING OR PROPOSED EDGE OF PAVEMENT TO A #3-1/2 PULL BOX MARKED "FIBER OPTIC".
3. FIBER OPTIC CONDUIT SHALL BE INSTALLED WITH P30 PULL BOXES PLACED AT A MAXIMUM SPACING OF 1000', BUT SHALL NOT BE INSTALLED WITHIN 5' OF THE POINT OF CURVATURE (PC) OF THE R/W RADIUS, IN SIDEWALK RAMPS OR DRIVEWAYS. THE ITS CONDUITS SHALL BE CONNECTED TO THE EXISTING ITS CONDUITS OR, IF NOT EXISTING, AN ADDITIONAL P30 PULL BOX SHALL BE INSTALLED AT THE PROPOSED DEVELOPMENT'S PROPERTY LINE.
4. ALL CONDUIT BENDS SHALL BE PVC COATED RIGID W/ A MINIMUM RADIUS OF 36 INCHES.
5. ALL ITS PULL BOXES SHALL HAVE A POLYMER COMPOSITE BODY W/ RESIN POLYMER REINFORCED NON-COCONDUCTIVE COVER MARKED "FIBER OPTIC".
6. UNDERGROUND ORANGE MARKING TAPE SHALL BE PLACED 12 INCHES ABOVE THE INSTALLED CONDUIT AND MARKED WITH THE LEGEND "FIBER OPTIC".
7. IF TRAFFIC SIGNAL CABINET EXISTS OR IS BEING INSTALLED ON CORNER, INSTALL TYPE 200 VAULT PER 404.133 AND 404.135 WITH ITS CONDUIT INTO TRAFFIC SIGNAL CABINET. IF TRAFFIC SIGNAL CABINET DOES NOT EXIST OR IS NOT BEING INSTALLED IN CORNER, INSTALL P30 PULL BOX.
NOTE:

1. IF PULLING CCTV CABLE IN EXISTING SIGNAL CONDUIT, AGENCY APPROVAL REQUIRED FOR METHOD OF INSTALLATION.

CONNECTOR (MAIN) AC35 7610176-001

CONNECTOR (AMP)

VIDEO OUT VIDEO SHIELD

CONNECTS TO CAMERA ACCESSORY (FEMALE)
(SEE DWG. NO. 404.1500, SHEET 1 OF 4)

CABLE (COHUB MODEL CA295H OR APPROVED EQUAL)
SEE CABLE WIRING DIAGRAM

CONNECT TO BACK OF LOCAL CCTV CAMERA CONTROL UNIT
COHUB 9300 SERIES I-CONTROL
(OR APPROVED EQUAL IN TRAFFIC CONTROLLER CABINET)
(MALE)

LOCAL CCTV CAMERA CONTROL UNIT
COHUB 9300 SERIES I-CONTROL
(OR APPROVED EQUAL)
(IN TRAFFIC CONTROLLER CABINET)

SPECIFICATION REFERENCE
685 VIDEO ENCODER
686 VIDEO DECODER
687 CCTV FIELD EQUIPMENT

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

CLOSED CIRCUIT TELEVISION CAMERA
CONTROL UNIT AND
CABLE WIRING DIAGRAM

DATE 04-08-10 DWG. NO. 404.1500 SHEET 2 OF 4
CAMERA EXTENSION POLE
(REQUIRED FOR POLE CAP MOUNTING)

(2) -0.50" (SS) ALL THREAD ROD
(4) -0.50" (SS) FLAT WASHERS
(4) -0.50" (SS) NUTS WILL BE PROVIDED.

(3) -0.50" (SS) SET SCREWS TO BE USED
TO PLUMB POLE BEFORE ALL THREAD
RODS ARE INSTALLED.

TOP PLATE DETAIL 1

TOP PLATE

POLE EXTENSION CAP DETAIL 3

* CONTRACTOR TO FIELD MEASURE TOP OF
EXISTING OR PROPOSED TRAFFIC SIGNAL POLE
SHAFT BEFORE FABRICATION OF CAP.

POLE DATA

<table>
<thead>
<tr>
<th>POLE TUBE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BASE DIA.</td>
</tr>
<tr>
<td>(IN)</td>
</tr>
<tr>
<td>3.00</td>
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</table>

MATERIAL DATA

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>ASTM DESIGNATION</th>
<th>MIN. YIELD (KSI)</th>
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<tbody>
<tr>
<td>POLE TUBE</td>
<td>S109</td>
<td>36</td>
</tr>
<tr>
<td>PLATES</td>
<td>A36</td>
<td>38</td>
</tr>
<tr>
<td>GALVANIZING - HARDWARE</td>
<td>A159</td>
<td></td>
</tr>
<tr>
<td>GALVANIZING - STRUCTURE</td>
<td>A123</td>
<td></td>
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</tbody>
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SPECIFICATION REFERENCE

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<tr>
<th>685</th>
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<td>VIDEO DECODER</td>
</tr>
<tr>
<td>687</td>
<td>CCTV FIELD EQUIPMENT</td>
</tr>
</tbody>
</table>

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

CAMERA EXTENSION POLE

DATE 04-08-10 DWG. NO. 404.1500 SHEET 3 OF 4
CAMERA ADAPTER STAND  
(REQUIRED FOR POLE CAP MOUNTING)

CABLE AND CONNECTOR:  
PART OF CAMERA ACCESSORY

POLE CAP

CAMERA & LENS HOUSING

CAMERA ADAPTER STAND

1/2" S.S. ALL THREAD w/SINGLE S.S. FLAT WASHER  
AND DOUBLE S.S. NUTS (EACH SIDE) TO EXTEND COMPLETELY THROUGH POLE AND CAP (2-ALL-  
THREAD BOLTS REQ'D PER POLE WITH EACH  
OFFSET TO EXTEND THROUGH POLE).

TRAFFIC SIGNAL POLE

.250 TYP

3.0±0.1

WELD COMPLETELY AROUND CIRCU M

Ø 0.800 THRU

Ø 1.760 THRU

.376 x .750 THRU SLOT  
EQUAL SPACED ON 4.750 BC  
BOTH SIDES

MAT'L (FLANGE): 1018 STEEL OR EQUIV.

MAT'L (TUBE): Ø 3.8 X 1/8 WALL 1018 STEEL OR EQUIV.

3. ALL POLE AND CAP MATERIALS TO BE GALVANIZED STEEL.

4. REMOVE ALL BURRS AND SHARP EDGES 0.015 MAX

NOTE:
CAMERA STAND TO BE USED ONLY TO AVOID CONFLICT WITH  
OVERHEAD POWER LINES. AGENCY APPROVAL REQUIRED.

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SPECIFICATION REFERENCE

| 685  | VIDEO ENCODER  |
| 686  | VIDEO DECODER  |
| 687  | CCTV FIELD EQUIPMENT |

UNIFORM STANDARD DRAWINGS  
CLARK COUNTY AREA

CAMERA ADAPTOR STAND

DATE 04-08-10  DWG. NO. 404.1500  SHEET 4 OF 4
NOTE:
AN ADDITIONAL 120V OUTLET TO BE INSTALLED ON SIDE RAIL, NEAR TOP, FOR ITS EQUIPMENT ON EITHER SIDE OF CABINET. LOCATION TO BE APPROVED BY AGENCY ENGINEER BEFORE INSTALLATION. MAXIMUM OF FOUR OUTLETS PER CABINET.

SPECIFICATION REFERENCE
681 FIBER OPTIC SPLICE AND DISTRIBUTION EQUIPMENT

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

COMMUNICATION DISTRIBUTION CABLE ASSEMBLY (CDCA) IN CABINET

DATE 04-08-10 DWG. NO. 404.1801 SHEET 1 OF 1