<table>
<thead>
<tr>
<th>Drawing Number</th>
<th>Title</th>
<th>Nature of Change</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>404.400</td>
<td>“School Flashing Sign On Pole With Luminaire”</td>
<td>Revision to allow the use of multi-sided traffic signal poles.</td>
<td>01/01/07</td>
</tr>
<tr>
<td>404.406</td>
<td>“Type XX-30'-0&quot; Signal &amp; Luminaire Pole (Sheets 1-4 of 6)”</td>
<td>Revision to allow the use of multi-sided traffic signal poles.</td>
<td>01/01/07</td>
</tr>
<tr>
<td>404.406C</td>
<td>“Red Light Running Indicator Installation Details&quot; - Addition of drawing to improve traffic safety and law enforcement.</td>
<td>Addition to improve traffic safety and law enforcement.</td>
<td>01/01/07</td>
</tr>
<tr>
<td>404.407</td>
<td>“Type XX-A-20'- 0&quot; Signal Pole”</td>
<td>Revision to allow the use of multi-sided traffic signal poles.</td>
<td>01/01/07</td>
</tr>
<tr>
<td>404.410</td>
<td>“30' Pole With School Flashing Sign”</td>
<td>Revision to allow the use of multi-sided traffic signal poles.</td>
<td>01/01/07</td>
</tr>
<tr>
<td>404.411</td>
<td>“School Sign Mounted On Traffic Signal Standard”</td>
<td>Deleted</td>
<td>07/01/07</td>
</tr>
<tr>
<td>404.412</td>
<td>“School Sign Pole Type XX – A’ ”</td>
<td>Revision to allow the use of multi-sided traffic signal poles.</td>
<td>01/01/07</td>
</tr>
<tr>
<td>404.412</td>
<td>“School Sign Pole Type XX – A’ ”</td>
<td>Revised to modify the mast arm with a five (5) degree rise and allow the use of multi-sided poles for traffic signal installations.</td>
<td>07/01/07</td>
</tr>
<tr>
<td>404.413</td>
<td>“School Sign Pole Type XX-20”</td>
<td>Deleted</td>
<td>07/01/07</td>
</tr>
<tr>
<td>404.416A</td>
<td>“Utility Cable Clearance Over Traffic Signals New Installation Only”</td>
<td>Addition to depict a clearance zone for traffic signals from overhead utility lines.</td>
<td>07/01/07</td>
</tr>
</tbody>
</table>
NOTES:

1. ALL POLES TO BE HOT-DIP GALVANIZED BY MANUFACTURER OR PRIME PAINTED BY MANUFACTURER AND FINISH PAINTED BY CONTRACTOR PER SPECIFICATIONS AND AS REQUIRED BY THE ENTITY.

2. LOW BIDDER MUST SUPPLY SHOP DRAWING FOR DESIGN APPROVAL BEFORE CONTRACT CAN BE AWARDED.

3. FOR OTHER DETAILS SEE DRAWING NO. 404.408 SHEETS 2 & 3.

4. INSTALL A BACKFACING LIGHT ON BACK OF OUTER MOST LIGHT, INDICATING THE SPEED LIMIT MESSAGE IS IN OPERATION.

5. HANDBOLE COVERS SHALL BE MOUNTED WITH TAMPER-RESISTANT SCREWS.

6. MULTI-SIDED POLE AND MAST ARM WITH A MINIMUM OF 18 SIDES MAY BE USED IF DIRECTED BY THE ENTITY ENGINEER.

FOR 'F' TYPE FOUNDATION SEE DRAWING NO. 404.208

4-1/2' X 7' (MIN. INSIDE DIM) HANDBOLE AND COVER (SHALL FACE AWAY FROM ONCOMING TRAFFIC)

BASE COVER

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

SCHOOL FLASHING SIGN ON POLE WITH LUMINAIRE

DATE 9-14-06 DWG. NO. 404.400 SHEET 1 OF 2
LUMINAIRE ARM DATA

<table>
<thead>
<tr>
<th>ARM SPAN &quot;L&quot; (FT)</th>
<th>FIXED END DIA. IN</th>
<th>FREE END DIA. IN</th>
<th>GAUGE</th>
<th>LUMINAIRE MOUNTING HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2.42</td>
<td>2.38</td>
<td>11</td>
<td>32'-0&quot;</td>
</tr>
<tr>
<td>8</td>
<td>2.75</td>
<td>2.38</td>
<td>11</td>
<td>33'-3&quot;</td>
</tr>
<tr>
<td>10</td>
<td>4.18</td>
<td>2.38</td>
<td>11</td>
<td>35'-0&quot;</td>
</tr>
<tr>
<td>12</td>
<td>4.62</td>
<td>2.38</td>
<td>11</td>
<td>36'-6&quot;</td>
</tr>
<tr>
<td>15</td>
<td>4.88</td>
<td>2.38</td>
<td>11</td>
<td>37'-9&quot;</td>
</tr>
</tbody>
</table>

REMOVABLE POLE TOP

LUMINAIRE MOUNTING HEIGHT MEASURED TO CENTER OF END OF MAST ARM

11 GA. ROUND TAPERED ARM

PROVIDE WIRE GUIDE INTO SHAFT. SEE SHEET 2 THIS DWG. NO.

REMOVABLE ARM END CAP

LENGTH "L" SEE SIGNAL PLANS OR CONTRACT

LENGTH "IT" SEE SIGNAL PLANS OR CONTRACT

BASE COVER

4-1/2" X 1" (MIN. INSIDE DIA.) HANDBOILE AND COVER (LOCATED 90° OPPOSITE MAST ARM)

TAPERED MAST ARM

PROVIDE WIRE GUIDE INTO SHAFT. SEE SHEET 2 THIS DRAWING NO.

4-1-2" X 1" (MIN. INSIDE DIA.) HANDBOILE AND COVER (LOCATED 90° OPPOSITE MAST ARM)

NOTES:
1. LOW BIDDER MUST SUPPLY SHOP DRAWING FOR DESIGN APPROVAL BEFORE CONTRACT CAN BE AWARDED.
2. ALL POLES TO BE HOT-DIP GALVANIZED BY MANUFACTURER OR PRIME PAINTED BY MANUFACTURER AND FINISH PAINTED BY CONTRACTOR PER SPECIFICATIONS AND AS REQUIRED BY THE ENTITY.
3. HANDBOILE COVERS SHALL BE MOUNTED WITH TAMPER-RESISTANT SCREWS.
4. PEDESTRIAN PUSH BUTTON SHALL NOT BE LOCATED MORE THAN 34" FROM THE BACK OF WALK. IF DISTANCE FROM BACK OF WALK TO PUSH BUTTON IS 20" TO 34", THE BUTTON SHALL BE LOCATED A MAXIMUM OF 44" FROM THE SURFACE OF THE WALK; OTHERWISE THE HEIGHT SHALL BE 48".
5. WHERE SIGNALS AND STANDARDS ARE INSTALLED BELOW OVERHEAD POWER LINES, CLEARANCES SHALL BE PER NATIONAL ELECTRIC SAFETY CODE SECTION 294 REQUIREMENTS. INSTALL STRAIGHT ARM STREETLIGHT ASSEMBLIES WHERE ADDITIONAL CLEARANCE IS REQUIRED.
6. MULTI-SIDED POLE AND MAST ARM WITH A MINIMUM OF 18 SIDES  MAY BE USED IF DIRECTED BY THE ENTITY ENGINEER.

POLES DESIGNED PER SPECIFICATION OF AASHTO, 60 MPH WINDS (SEE DRAWING NO. 404.406 SHEET 6 FOR LOADING INFORMATION)

FOR "H" TYPE FOUNDATION SEE DRAWING NO. 404.206

SPECIFICATION REFERENCE

<table>
<thead>
<tr>
<th>UNIFORM STANDARD DRAWINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLARK COUNTY AREA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TYPE XX-30'-0&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIGNAL &amp; LUMINAIRE POLE</td>
</tr>
<tr>
<td>(45' OR LESS MAST ARMS)</td>
</tr>
</tbody>
</table>

DATE 9-14-06 DWG. NO. 404.406 SHEET 1 OF 8
LUMINARE ARM DATA

<table>
<thead>
<tr>
<th>ARM SPAN (FT)</th>
<th>FIXED END DIA. (IN)</th>
<th>FREE END DIA. (IN)</th>
<th>GAUGE</th>
<th>LUMINARE MOUNTING HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>3.42</td>
<td>2.38</td>
<td>11</td>
<td>32'-0&quot;</td>
</tr>
<tr>
<td>6</td>
<td>3.76</td>
<td>2.38</td>
<td>11</td>
<td>35'-3&quot;</td>
</tr>
<tr>
<td>10</td>
<td>4.19</td>
<td>2.38</td>
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<td>36'-0&quot;</td>
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<tr>
<td>12</td>
<td>4.52</td>
<td>2.38</td>
<td>11</td>
<td>36'-0&quot;</td>
</tr>
<tr>
<td>15</td>
<td>4.86</td>
<td>2.38</td>
<td>11</td>
<td>37'-0&quot;</td>
</tr>
</tbody>
</table>

NOTES:
1. LOW BIDDER MUST SUPPLY SHOP DRAWING FOR DESIGN APPROVAL BEFORE CONTRACT CAN BE AWARDED.
2. ALL POLES TO BE HOT-DIP GALVANIZED BY MANUFACTURER OR PRIME PAINTED BY MANUFACTURER AND FINISH PAINTED BY CONTRACTOR PER SPECIFICATIONS AND AS REQUIRED BY THE ENTITY.
3. HANDHOLE COVERS SHALL BE MOUNTED WITH TAMPER-RESISTANT SCREWS.
4. PEDESTRIAN PUSH BUTTON SHALL NOT BE LOCATED MORE THAN 24" FROM THE BACK OF WALK. IF DISTANCE FROM BACK OF WALK TO PUSH BUTTON IS 20" TO 24", THE BUTTON SHALL BE LOCATED A MAXIMUM OF 44" FROM THE SURFACE OF THE WALK; OTHERWISE THE HEIGHT SHALL BE 48".
5. WHERE SIGNALS AND STANDARDS ARE INSTALLED BELOW OVERHEAD POWER LINES, CLEARANCES SHALL BE PER NATIONAL ELECTRIC SAFETY CODE SECTION 254 REQUIREMENTS. INSTALL STRAIGHT ARM STREETLIGHT ASSEMBLIES WHERE ADDITIONAL CLEARANCE IS REQUIRED.
6. MULTI-SIDED POLE AND MAST ARM WITH A MINIMUM OF 18 SIDES MAY BE USED IF DIRECTED BY THE ENTITY ENGINEER.

POLES DESIGNED PER SPECIFICATION OF A.A.U.H.T.O., 60 MPH WINDS. (SEE DRAWING NO. 404.408 SHEET 5 FOR LOADING INFORMATION)

FOR "L" TYPE FOUNDATION SEE DRAWING NO. 404.309

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

TYPE XX - A - 30'-0"
SIGNAL & LUMINARE POLE
(50' THRU 60' MAST ARMS)

DATE 9-14-08 DWG. NO. 404.408 SHEET 3 OF 6
NOTES:
1. CONTRACTOR TO INSTALL RED LIGHT RUNNING INDICATORS, MODAR MODEL 58686 (RED) & 586445 (BLUE) OR APPROVED EQUAL AS INDICATED BY THE TRAFFIC ENGINEER.
2. RED (THRU) INDICATOR SHALL BE MOUNTED 10' ABOVE POLE BASE PLATE AND BLUE (LEFT) INDICATOR SHALL BE MOUNTED 17' ABOVE POLE BASE PLATE AND SHALL FACE AWAY FROM ONCOMING TRAFFIC.
3. RED LIGHT RUNNING INDICATOR L.E.D. HOUSING SHALL BE FIELD ADJUSTED. PLEASE CONTACT THE TRAFFIC ENGINEER FOR COORDINATION.
4. CONTRACTOR SHALL WIRE INDICATORS DIRECTLY TO BUSS IN "J" BOX PER CALL OUT PHASING IN POLE SCHEDULE ON TRAFFIC SIGNAL PLANS.

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

CLARK COUNTY ONLY
RED LIGHT RUNNING INDICATOR INSTALLATION DETAILS

DATE 9-14-06  DWG. NO. 406406C  SHEET 1 OF 1
NOTES:

1. LOW BIDDER MUST SUPPLY SHOP DRAWING FOR DESIGN APPROVAL BEFORE CONTRACT CAN BE AWARDED.

2. ALL POLES TO BE HOT-DIP GALVANIZED BY MANUFACTURER OR PRIME PAINTED BY MANUFACTURER AND FINISH PAINTED BY CONTRACTOR PER SPECIFICATIONS AND AS REQUIRED BY THE ENTITY.

3. HANDHOLE COVERS SHALL BE MOUNTED WITH TAMPER-RESISTANT SCREWS.

4. PHOTOTUBE MAY NEED TO BE ATTACHED TO POLE CAP FOR STREET NAME SIGN ACTIVATION.

5. MULTI-SIDED POLE AND MAST ARM WITH A MINIMUM OF 18 SIDES MAY BE USED IF DIRECTED BY THE ENTITY ENGINEER.

POLES DESIGNED PER SPECIFICATION OF A.A.S.H.T.O. 80 MPH WINDS.
(SEE DRAWING NO. 404.408 SHEET 6 FOR LOADING INFORMATION)

FOR OTHER DETAILS SEE DRAWING NO. 404.408 SHEETS 2 & 6.
FOR "H" TYPE FOUNDATION SEE DRAWING NO. 404.206.
NOTES:

1. LOW BIDDER MUST SUPPLY SHOP DRAWING FOR DESIGN APPROVAL BEFORE CONTRACT CAN BE AWARDED.

2. ALL POLES TO BE HOT-DIP GALVANIZED BY MANUFACTURER OR PRIME PAINTED BY MANUFACTURER AND FINISH PAINTED BY CONTRACTOR PER SPECIFICATIONS AND AS REQUIRED BY THE ENTITY.

3. HANDHOLE COVERS SHALL BE MOUNTED WITH TAMPER-RESISTANT SCREWS.

4. PHOTOEYE MAY NEED TO BE AFFIXED TO POLE CAP FOR STREET NAME SIGN ACTIVATION.

5. MULTI-SIDED POLE MAST ARM WITH A MINIMUM OF 12 SIDES MAY BE USED IF DIRECTED BY THE ENTITY ENGINEER.

POLES DESIGNED PER SPECIFICATION OF AASHTO, 80 MPH WINDS. (SEE DRAWING NO. 404.408 SHEET 5 FOR LOADING INFORMATION)

FOR OTHER DETAILS SEE DRAWING NO. 404.408 SHEET 4 & 5.
FOR "L" TYPE FOUNDATION SEE DRAWING NO. 404.209.
NOTES:

1. ALL POLES TO BE HOT-DIP GALVANIZED BY MANUFACTURER OR PRIME PAINTED BY MANUFACTURER AND FINISH PAINTED BY CONTRACTOR PER SPECIFICATIONS AND AS REQUIRED BY THE ENTITY.

2. FOR MAST ARM TENON MOUNTING AND SPACING AND ADDITIONAL INFORMATION REFER TO STANDARD DRAWING NO. 404.412

3. MULTI SIDED POLE AND MAST ARM WITH A MINIMUM OF 10 SIDES MAY BE USED IF DIRECTED BY THE ENTITY ENGINEER.

FOR OTHER DETAILS SEE DRAWING NUMBER 404.400 SHEET 2 & 6

FOR 1' TYPE FOUNDATION SEE DRAWING NO. 404.208

4" X 7" (INSIDE DIM) HANDLE AND COVER (SHALL FACE AWAY FROM ONGOING TRAFFIC) BASE COVER

IN THE CITY OF NORTH LAS VEGAS, USE ONLY XX-A POLE DWG. 406.400 SHEET 3 & 6 FOR "L" FOUNDATION SEE DWG. 404.200

CLARK COUNTY AREA

30' POLE WITH SCHOOL FLASHING SIGN

DATE: 9-14-08  DWG. NO: 404.410  SHEET: 1 OF 1
NOTES:

1. LOW BIDDER MUST SUPPLY SHOP DRAWING FOR DESIGN APPROVAL BEFORE CONTRACT CAN BE AWARDED.

2. ALL POLES TO BE HOT-DIP GALVANIZED BY MANUFACTURER OR PRIME PAINTED BY MANUFACTURER AND FINISH PAINTED BY CONTRACTOR PER SPECIFICATIONS AND AS REQUIRED BY THE ENTITY.

3. FOR OTHER DETAILS SEE DRAWING NO. 404.408 SHTS. 2 & 6.

4. HANDBOARD COVERS SHALL BE MOUNTED WITH TAMPER-RESISTANT SCREWS.

5. SCAFFOLD SIGN SHALL BE MOUNTED AND AS SHOWN IN STANDARD DRAWING NO. 404.410

6. REFER TO DRAWING NO. 404.407 SHEET 1 OF 2 IF XX-BO POLE IS REQUIRED.

7. MULTI-BEAD POLE AND MAST ARM WITH A MINIMUM OF 18 SIDES MAY BE USED IF DIRECTED BY THE ENTITY ENGINEER.

FOR "H" TYPE FOUNDATION DRAWING NO. 404.206

IN THE CITY OF NORTH LAS VEGAS, USE ONLY XX-A POLE DWG. 406.408 SHT 3 & 6 FOR "L" FOUNDATION SEE DWG. 404.206
NOTES:

1. OVERHEAD UTILITY LINES SHALL BE CLEAR OF HIGHEST BACK PLATE ON ANY GIVEN SIGNAL ARM AND LOWEST PLATE OF STREET NAME SIGN.

2. ANY UTILITY CABLE BEING INSTALLED WITHIN THE CLEARANCE ZONE SHALL NEED PRIOR APPROVAL FROM THE TRAFFIC ENGINEERING DIVISION WHO CONTROLS THE RIGHT OF WAY.

3. PARTIES SHALL COORDINATE AND CONCUR ON CABLE AND SIGNAL INSTALLATIONS TO AVOID CREATION OF CROSSING CONFLICTS WITHIN THIS CLEARANCE ZONE.