<table>
<thead>
<tr>
<th>Drawing Number</th>
<th>Title</th>
<th>Nature of Change</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>234.1</td>
<td>&quot;Typical Bus Turn-Out&quot;</td>
<td>Revision to correct the dimension of sidewalk and loading pad.</td>
<td>1/1/09</td>
</tr>
<tr>
<td>234.2</td>
<td>&quot;Typical Bus Stop Passenger Loading and Shelter Pads&quot;</td>
<td>Revision to require that the dedication of additional right-of-way or easement for the loading pad and variable height curb at the back of sidewalk ramp be granted to the local entity.</td>
<td>1/1/09</td>
</tr>
<tr>
<td>234.2A</td>
<td>&quot;Typical Double Bus Stop Passenger Loading and Shelter Pads&quot;</td>
<td>Revision to require that the dedication of additional right-of-way or easement for the loading pad and variable height curb at the back of sidewalk ramp be granted to the local entity.</td>
<td>1/1/09</td>
</tr>
<tr>
<td>412A</td>
<td>&quot;Type C-D Modified Drop Inlet&quot;</td>
<td>Revision to clarify the closed lid specification.</td>
<td>1/1/09</td>
</tr>
<tr>
<td>503A</td>
<td>&quot;Method A for Flexible Pipe Trench Backfill - Paved Areas&quot;</td>
<td>DELETED, See 503AF</td>
<td>7/1/09</td>
</tr>
<tr>
<td>503AB</td>
<td>&quot;Method A/B for Rigid Pipe Trench Backfill - Paved Areas&quot;</td>
<td>DELETED, See 503AR</td>
<td>7/1/09</td>
</tr>
<tr>
<td>503AF</td>
<td>&quot;Method A for Flexible Pipe Trench Backfill - Paved Areas&quot;</td>
<td>Revision to clarify the requirement for the use of controlled low strength material (CLSM). (Formerly 503A)</td>
<td>7/1/09</td>
</tr>
<tr>
<td>503AR</td>
<td>&quot;Method A for Rigid Pipe Trench Backfill - Paved Areas&quot;</td>
<td>Revision to clarify the requirement for the use of controlled low strength material (CLSM). (Formerly 503AB)</td>
<td>7/1/09</td>
</tr>
<tr>
<td>503B</td>
<td>&quot;Method B for Rigid and Flexible Pipe Trench Backfill - Paved Areas&quot;</td>
<td>Revision to clarify the requirement for the use of controlled low strength material (CLSM).</td>
<td>7/1/09</td>
</tr>
<tr>
<td>504</td>
<td>&quot;Trench Backfill With Controlled Low Strength Material (CLSM) Paved Areas (Streets Greater Than 60' R/W)&quot;</td>
<td>DELETED</td>
<td>7/1/09</td>
</tr>
</tbody>
</table>

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Click on the icon:
NOTES:

1. CONCRETE BUS PAD SHALL BE MONOLITHIC. TRANSVERSE WEAKENED PLANE JOINTS SHALL BE INSTALLED AT 10' INTERVALS AND AS DETAILED IN STANDARD DRAWING NO. 233, TYPE "C".

2. BUS ROUTE SIGN SHALL BE INSTALLED AT THE DOWNSTREAM END OF BUS STOP LOADING PAD.

3. A MINIMUM OF ONE SET OF PAVEMENT MARKINGS CONTAINING THE "BUSES ONLY" SYMBOL SHALL BE PLACED IN THE TURN-OUT AREA. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.

4. ADDITIONAL STORAGE AREA WILL BE REQUIRED WHEN MORE THAN ONE BUS IS EXPECTED TO OCCUPY THE TURN-OUT AT THE SAME TIME.

5. ALTERNATE CONCRETE AND BASE THICKNESSES MAY BE SUBSTITUTED, BUT MUST BE SUPPORTED BY ENGINEERING ANALYSIS AND APPROVED BY THE ENGINEER.

6. TURN-OUT SURFACE SHALL BE TEXTURED IN ACCORDANCE WITH UNIFORM STANDARD SPECIFICATION NO. 409.03.08. FLOW LINE SHALL NOT BE TEXTURED, BUT SHALL BE A TROWELED SURFACE.
NOTES:

1. SIDEWALK RAMP MAY BE REQUIRED TO BE CONSTRUCTED IN THOSE LOCATIONS WHERE THE BUS STOP WOULD OTHERWISE BE INACCESSIBLE AS DEFINED BY THE AMERICANS WITH DISABILITIES ACT. SEE DRAWING NO. 235, SHEET 4 OF 4 FOR SIDEWALK RAMP DETAILS.

2. ADDITIONAL RIGHT-OF-WAY OR EASEMENT IS REQUIRED FOR BUS SHELTER PAD AND VARIABLE HEIGHT CURB AT BACK OF SIDEWALK RAMP AND SHALL BE DEDICATED TO THE LOCAL ENTITY.

3. AGGREGATE BASE AND CONCRETE FOR LOADING PAD SHALL BE THE SAME AS REQUIRED FOR SIDEWALK. SEE DRAWING NO. 234.

4. BUS SHELTER PAD CONNECTION TO DETACHED SIDEWALK CONDITION SHALL BE DETERMINED BY THE ENTITIES.

5. "A" = 10', "B" = 15' UNLESS BUS TURNOUT IS CONSTRUCTED PER STANDARD DRAWINGS 234.1 OR 234.3, THEN "A" = 5', "B" = 10'.
NOTES:

1. SIDEWALK RAMP MAY BE REQUIRED TO BE CONSTRUCTED IN THOSE LOCATIONS WHERE THE BUS STOP WOULD OTHERWISE BE INACCESSIBLE AS DEFINED BY THE AMERICANS WITH DISABILITIES ACT. SEE DRAWING NO. 235, SHEET 4 OF 4 FOR SIDEWALK RAMP DETAILS.

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4. BUS SHELTER PAD CONNECTION TO DETACHED SIDEWALK CONDITION SHALL BE DETERMINED BY THE ENTITIES.

5. "A" = 10', "B" = 15' UNLESS BUS TURNOUT IS CONSTRUCTED PER STANDARD DRAWINGS 234.1 OR 234.3, THEN "A" = 5', "B" = 10'.
MILL AND OVERLAY RESTORATION LIMITS TO BE DETERMINED BY ENTITY PLAN CHECK, WITH FINAL LIMITS SET BY FIELD INSPECTOR. REFERENCE TO DRAWINGS 500 SERIES.

EXISTING AGGREGATE BASE

2' MIN.

PRIME COAT PER SECTION 408-PRIME COAT

CLSM MINIMUM DEPTH
12" FOR MINOR COLLECTOR ROADWAYS (>OR=60', <80')
24" FOR COLLECTOR AND ARTERIAL ROADWAYS (>OR=80')
(NOT REQUIRED FOR TRENCH WIDTHS GREATER THAN 3-FT.)

* CLSM NOT REQUIRED FOR RESIDENTIAL STREETS.

INSTALLATION REQUIREMENTS INCLUDING CONTRACTOR TESTING AND FILL LIFTS SEE SECTION 208-TRENCH EXCAVATION AND BACKFILL

GRANULAR BACKFILL OR SELECT BACKFILL OR BACKFILL WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) OR AS APPROVED BY THE ENGINEER SEE NOTE 1

COMPACT PERCENTAGE PER GEOTECH ENG REQUIREMENTS OR MINIMUM OF 90%

REFER TO SECTION 208 REQUIREMENTS

SEE SUBSECTION 208.03.14 FOR DEPTH OF PIPE COVER

BACKFILL WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) INSTALL AS PER SECTION 208 SEE NOTE 2

STABLE SUBGRADE

NOTES:
1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.
3. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY, SEE STANDARD DRAWING NO. 505 FOR PIPE BEDDING METHODS.
4. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.

SPECIFICATION REFERENCE

<table>
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<tr>
<th>208</th>
<th>TRENCH EXCAVATION &amp; BACKFILL</th>
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<tbody>
<tr>
<td>302</td>
<td>AGGREGATE BASE COURSES</td>
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</tbody>
</table>

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS

DATE 06-11-09 DWG. NO. 503AF
MILL AND OVERLAY
RESTORATION LIMITS TO BE
DETERMINED BY ENTITY PLAN
CHECK, WITH FINAL LIMITS SET
BY FIELD INSPECTOR. REFER TO
DRAWINGS 500 SERIES.

REMOVE AND REPLACE
EXISTING A.C.
MATCH EXISTING DEPTH
(PLUS ONE INCH).

PRIME COAT PER
SECTION 408-PRIME
COAT

CLSM MINIMUM DEPTH
12" FOR MINOR COLLECTOR
ROADWAYS (>OR=60', <80')
24" FOR COLLECTOR AND
ARTERIAL ROADWAYS (>OR=80')
(NOT REQUIRED FOR TRENCH
WIDTHS GREATER THAN 3-FT.)

* CLSM NOT REQUIRED FOR
RESIDENTIAL STREETS.

INSTALLATION REQUIREMENTS
INCLUDING CONTRACTOR TESTING
AND FILL LIFTS SEE SECTION 208-
TRENCH EXCAVATION AND BACKFILL

GRANULAR BACKFILL OR
SELECT BACKFILL OR
BACKFILL WITH CONTROLLED LOW
STRENGTH MATERIAL (CLSM)
OR AS APPROVED BY THE ENGINEER
SEE NOTE 1

COMPACT PERCENTAGE PER
GEO TECH ENG REQUIREMENTS OR
MINIMUM OF 90%

REFER TO SECTION 208 REQUIREMENTS

SEE SUBSECTION 208.03.14
FOR DEPTH OF PIPE COVER

90% MIN. COMPACTION IN PIPE
ZONE, TYPE II OR TYPE III AGGREGATE
BASE, OR BACKFILL WITH CONTROLLED
LOW STRENGTH MATERIAL (CLSM)
SEE NOTE 2

BACKFILL WITH CONTROLLED LOW
STRENGTH MATERIAL (CLSM)
INSTALL AS PER SECTION 208
SEE NOTE 2

STABLE SUBGRADE

NOTES:
1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL
CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.
3. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN
SPECIFICALLY APPROVED BY THE GOVERNING AGENCY. SEE STANDARD DRAWING NO. 505
FOR PIPE BEDDING METHODS.
4. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE
TO BE OF THE SAME MATERIAL.

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

METHOD A FOR RIGID PIPE
TRENCH BACKFILL - PAVED AREAS

DATE 06-11-09  DWG. NO.  503AR
MILL AND OVERLAY RESTORATION LIMITS TO BE DETERMINED BY ENTITY PLAN CHECK, WITH FINAL LIMITS SET BY FIELD INSPECTOR. REFER TO DRAWINGS 500 SERIES.

REMOVE AND REPLACE EXISTING A.C. MATCH EXISTING DEPTH (PLUS ONE INCH).

PRIME COAT PER SECTION 408-PRIME COAT

CLSM MINIMUM DEPTH
12" FOR MINOR COLLECTOR ROADWAYS (>OR=60', <80')
24" FOR COLLECTOR AND ARTERIAL ROADWAYS (>OR=80')
(Not required for Trench Widths Greater Than 3-Ft.)

* CLSM NOT REQUIRED FOR RESIDENTIAL STREETS.

INSTALLATION REQUIREMENTS INCLUDING CONTRACTOR TESTING AND FILL LIFTS SEE SECTION 208-TRENCH EXCAVATION AND BACKFILL.

GRANULAR BACKFILL OR SELECT BACKFILL OR BACKFILL WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) OR AS APPROVED BY THE ENGINEER SEE NOTE 1

COMPACITION PERCENTAGE PER GEO TECH ENG REQUIREMENTS OR MINIMUM OF 90%

REFER TO SECTION 208 REQUIREMENTS

SEE SUBSECTION 208.03.14 FOR DEPTH OF PIPE COVER

90% MIN. COMPACITION IN PIPE ZONE, TYPE II OR TYPE III AGGREGATE BASE SEE NOTE 2

PIPE OR BOX CULVERT

NOTES:

1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.
3. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY. SEE STANDARD DRAWING NO. 505 FOR PIPE BEDDING METHODS.
4. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.

SPECIFICATION REFERENCE

208 TRENCH EXCAVATION & BACKFILL
302 AGGREGATE BASE COURSES

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS

DATE 06-11-09  DWG. NO. 503B