

UNIFORM STANDARD DRAWINGS VOL I

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	New Drawing Number	DESCRIPTION	AGENCY APPROVAL BOX
101-104	101	Symbols	B / C / H / L / M / N /
			B / C / H / L / M / N /
			B / C / H / L / M / N /
			B / C / H / L / M / N /
105-106	105	Abbreviations	B / C / H / L / M / N /
			B / C / H / L / M / N /

SECTION 200

STREET IMPROVEMENTS

200		Pavement Structure Design Guideline Chart for Major Collector and Arterial Roadways	B / C / H / L / M / N /
200A	200.1	Pavement Structure Design Guideline Chart for Minor Collector and Residential Roadways	B / C / H / L / M / N /
201		Minimum Back of Curb Radius	B / C / H / L / M / N /
201.1		Additional Right-of-Way Required at Major Intersections	B / C / H / L / M / N /
201.2		Sight Visibility Zones at Intersections	B / C / H / L / M / N /
202		Arterial Urban Area Street Sections With Curbside Sidewalk	B / C* / H / L / M / N /
202 ALT	203	Arterial Alternate Urban Area Street Sections With Offset Sidewalk	B / C / H / L / M / N /
205		Collector Urban Area Street Sections With Curbside Sidewalk	B* / C* / H* / L / M* / N /
205 ALT	205.1.S1	Collector Alternate Urban Area Street Sections With Offset Sidewalk (Clark County, Las Vegas and North Las Vegas)	/ C* / / L / / N /
206	206.S2	Local Residential Urban Area Street Section (Henderson, Boulder City, Mesquite)	B* / / H / / M* / /
207	206.S1	Local Residential Urban Area Street Sections (Clark County, Las Vegas and North Las Vegas)	/ C / / L / / N* /
208		Half Street Construction Sections	B / C / H / L / M / N /
208.1	IDELETE!	Half Street Construction Sections (Clark County Only)	
209		Access Roads (For Use in Hydrographic Basin No. 212) (PM-10 Non-Attainment Areas)	B / C / H / L / M / N /
209A	209.1	Access Road (For Use in PM-10 Compliant Areas)	B / C / H / L / M / N /
210		Private Street Sections	B / C / H / L / M / N* /
211		Knuckle	B / C / H / L / M / N /
211.1	211.1.S1	Knuckle - Type 1 (Clark County Only)	/ C / / / / /
212		Cul-De-Sac	B* / C* / H* / L* / M* / N* /
213	212.1.S1	Hammerhead (Clark County Only)	/ C / / / / /
214	214.S1	Alley (Except Clark County)	B / / H / L / M / N /
215	215.S1	Alley, Concrete (Except Clark County)	B / / H / L / M / N /
216		"L" Type Curb and Gutter	B / C / H / L / M / N /
217A	217.S1	30" Roll Curb Residential Area (Clark County, Las Vegas, North Las Vegas and Henderson Only)	/ C / H / L* / / N* /
218		Median Island Typical Section	B / C / H* / L / M / N /
219		"A" and "L" Type Island Curb	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL I

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	New Drawing Number	DESCRIPTION	AGENCY APPROVAL BOX
220		Tack on Island Curb	B / C / H / L / M / N /
221	220.1.S1	Tack on Island (Except City of Henderson)	B / C / / L / M / N /
221.1	221	Channelized Median Detail for Commercial Driveways or Intersecting Streets	B / C / H* / L / M / N /
222		Residential Driveway Geometrics	B / C* / H / L / M / N* /
222A	222.1	Commercial and Multi-Family Driveway Geometrics	B / C / H / L / M / N /
		Commercial and Multi-Family Security Gate Geometrics	B / C / H / L / M / N /
223		Residential Driveway	B / C / H / L / M / N /
224		Commercial and Industrial Driveway (Option A)	B / C / H / L / M / N /
225		Commercial and Industrial Driveway (Option B) or Private Street Access	B / C / H / L / M / N /
226	226.S1	Commercial and Industrial Driveway (Option C) (Allowable in North Las Vegas Only)	/ / / / / N /
226.1	226.S2	Light Duty Commercial Driveway (Offices, Churches, Schools, Restaurants, etc.) (Henderson Only)	/ / H / / / /
226.2	226.S3	Heavy-Duty Commercial Driveway (Service Stations, Industrial, Loading Docks, etc.) (City of Henderson Only)	/ / H / / / /
227	227.S1	Depressed Alley Driveway (City of Las Vegas Only)	/ / / L / / /
228		Cross Gutter	B / C / H / L / M / N /
229		Half Street Cross Gutter	B / C / H / L / M / N /
230		Concrete Pavement Intersection Typical Layout	B / C / H / L / M / N /
231		Concrete Pavement Typical Roadway Section	B / C / H / L / M / N /
232		Concrete Pavement Construction Details	B / C / H / L / M / N /
233		Concrete Pavement Joint Details	B / C / H / L / M / N /
234		Sidewalk	B / C / H / L / M / N /
234.1		Typical Bus Turn-Out	B / C / H / L / M / N /
234.2		Typical Bus Stop Passenger Loading and Shelter Pads	B / C / H / L / M / N /
234.2A	234.3	Typical Double Bus Stop Passenger Loading and Shelter Pads	B / C / H / L / M / N /
234.3	234.4	Bus Stop Placement Within Exclusive Right Turn Lane for Commercial Properties	B / C / H / L / M / N /
235		Sidewalk Ramp (Case I)	B* / C / H / L / M / N /
		Sidewalk Ramp (Case II)	B* / C / H / L / M / N /
		Sidewalk Ramp (Case III)	B* / C / H / L / M / N /
		Sidewalk Ramp Details	B / C / H / L / M / N /
235.1		Sidewalk Ramp Location "T" Intersections	B / C / H / L / M / N /
236		Sidewalk Drain	B / C / H / L / M / N /
237		Concrete Barrier Rail	B / C / H / L / M / N /
238		Precast Bumper Block	B / C / H / L / M / N /
239		Type I Monument	B / C / H / L / M / N /
240		Type II Monument	B / C / H / L / M / N /
241		Type III Monument	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL I

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	New Drawing Number	DESCRIPTION	AGENCY APPROVAL BOX
242		Type IV Monument	B / C / H / L / M / N /
243		Typical Monument Location	B / C / H / L / M / N /
244		Typical Centerline Delineation	B / C / H / L / M / N /
244A	244.1	Typical Lane Line Delineation	B / C / H / L / M / N /
244.1	244.2	Typical Delineation for Roadways 100 Ft. or Greater Right-of-Way With Curbside Sidewalk	B / C / H / L / M / N /
244.1 ALT	244.3	Typical Delineation for Alternate Roadways With Offset Sidewalk	B / C / H / L / M / N /
244.1A	244.4	Typical Delineation for Roadways 100 Ft. Right-of-Way With Curbside Sidewalk	B / C / H / L / M / N /
244.2	244.5	Typical Delineation for Roadways 80 Ft. Right-of-Way With Curbside Sidewalk	B / C / H / L / M / N /
244.2A		Typical Delineation for Roadways 80 Ft. Right-of-Way With Curbside Sidewalk	B / C / H / L / M / N /
244.3	244.7	Typical Delineation for Bike Facilities 60 Ft. Right-of-Way (Parking on Both Sides)	B / C / H / L / M / N /
244.4	244.8	Bicycle Lane Delineation on One-Way Street	B / C / H / L / M / N /
244.5	244.9	Bicycle Lane Delineation, Legend, and Signage	B / C / H / L / M / N /
245		Typical Lane Delineation in Transition Sections	B / C / H / L / M / N /
		Details for Typical Lane Delineation in Transition Sections	B / C / H / L / M / N /
		Typical Lane Delineation in Transition Sections Where Traffic Flow in Same Direction	B / C / H / L / M / N /
245.1		Typical Lane Configuration for Major Street Intersections and Median Detail	B / C / H / L / M / N /
		Case I - With Curbside Sidewalk Case II - With Curbside Sidewalk	B / C / H / L / M / N /
245.1 ALT	245.2	Typical Lane Configuration for Major Street Intersections and Median Detail	B / C / H / L / M / N /
		Case I - With Offset Sidewalk	B / C / H / L / M / N /
		Case II - With Offset Sidewalk	B / C / H / L / M / N /
246		Standard Pavement Markers Added Turn Lane	B / C / H / L / M / N /
246A	246.6	Standard Pavement Markers Forced Turn Lane	B / C / H / L / M / N /
246B	246.7	Pavement Marking and Signage Right Turn Lane at Minor Intersections (Arterials With Emergency/Parking Lane)	B / C / H / L / M / N /
246.1		Bike Lane Approach to Intersection With Exclusive Right Turn Lane	B / C / H / L / M / N /
246.2		Bicycle Lane Transition to Shared Lane at Intersection	B / C / H / L / M / N /
246.3		Bicycle Lane at a Right Turn Drop Lane	B / C / H / L / M / N /
246.4		Bicycle Lane Delineation at Approach to Intersection Without Exclusive Right-Turn Lane	B / C / H / L / M / N /
246.5		Bicycle Lane Departure From Intersections	B / C / H / L / M / N /
247		Marker Details and Lane Marker Schedule	B / C / H / L / M / N /
248		Median Nose Markings	B / C / H / L / M / N /
249		Standard Street Name Sign Post Installation	B / C / H / L / M* / N /

UNIFORM STANDARD DRAWINGS VOL I

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	New Drawing Number	DESCRIPTION	AGENCY APPROVAL BOX
249A	249.1	Sign Installation Detail	B / C / H / L / M / N /
250		Street Name Signs Face Copy	B / C / H / L / M / N* /
		Street Name Signs Letter Spacing	B / C / H / L / M / N /
251		Street Name Sign Blanks	B / C / H / L / M / N /
252		Chain Link Fence (72" High or Less)	B / C / H / L / M / N /
253		Chain Link Gates	B / C / H / L / M / N /
254	254.1.S1	Crosswalk Markings - Type II (Except Clark County)	B / / H / L / M / N /
254A	254	Crosswalk Markings - Type I	B / C / H / L / M / N /
255		Shared Use Path	B / C / H / L / M / N /
255.1		Shared Use Path Along a Roadway	B / C / H / L / M / N /
255.2		Typical Transition Section From Shared Use Path Along Roadway to Sidewalk	B / C / H / L / M / N /
255.3		Sign Sizes for Shared Use Path	B / C / H / L / M / N /
255.4		Delineation and Bollard Usage on Shared Use Path	B / C / H / L / M / N /
256		Shared Use Path Crossing of Free Right Turn Lane	B / C / H / L / M / N /
256.1		Typical Signage for Shared Use Path at Intersection	B / C / H / L / M / N /
256.2		Shared Use Path Crossing Two Lane Roadway	B / C / H / L / M / N /
256.3		Shared Use Path Crossing 4 Lane Roadway	B / C / H / L / M / N /
256.4		Shared Use Path Crossing 6 Lane Roadway	B / C / H / L / M / N /
256.5		Shared Use Path Under Crossing	B / C / H / L / M / N /
256.6		Shared Use Path Crossing Railroad	B / C / H / L / M / N /
256.7		Typical Delineation for Shared Use Path Parallel to Railroad Crossing a Roadway	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL I

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	New Drawing Number	DESCRIPTION	AGENCY APPROVAL BOX
SECTION 300			
STREET LIGHTING			
300		Streetlight Locations General Notes	B / C* / H* / L / M / N /
301	301.S1	Streetlight Locations at Intersections 100' or Greater/100' or Greater Right-of-Way (Except Clark County)	B* / / H* / L / M / N /
301.1	301.S2	Streetlight Locations at Intersections 100' or Greater/100' or Greater Right-of-Way (Clark County Only)	/ C / / / / /
302	302.S1	Streetlight Locations at Intersections 100' or Greater/80' Right-of-Way (Except Clark County)	B* / / H* / L / M / N /
302.1	302.S2	Streetlight Locations at Intersections 100' or Greater/80' Right-of-Way (Clark County Only)	/ C / / / / /
303	303.S1	Streetlight Locations at Intersections 100' or Greater/60' Right-of-Way (Except Clark County & Henderson)	B* / / / L / M / N /
303.1	303.S2	Streetlight Locations at Intersections 100' or Greater/60' Right-of-Way (Clark County & Henderson Only)	/ C* / H* / / / /
304	304.S1	Streetlight Locations at Intersections 100' or Greater/51' or Less Right-of-Way (Except Clark County & Henderson)	B* / / / L / M / N /
304.1	304.S2	Streetlight Locations at Intersections 100' or Greater/51' or Less Right-of-Way (Clark County & Henderson Only)	/ C* / H* / / / /
305	305.S1	Streetlight Locations at Intersections 80'/80' Right-of-Way (Except Clark County)	B / / H / L / M / N /
305.1	305.S2	Streetlight Locations at Intersections 80'/80' Right-of-Way (Clark County Only)	/ C / / / / /
306	306.S1	Streetlight Locations at Intersections 80'/60' Right-of-Way (Except Clark County & Henderson)	B / / / L / M / N /
306.1	306.S2	Streetlight Locations at Intersections 80'/60' Right-of-Way (Clark County & Henderson Only)	/ C / H / / / /
307	307.S1	Streetlight Locations at Intersections 80'/51' or Less Right-of-Way (Except Clark County & Henderson)	B / / / L / M / N /
307.1	307.S2	Streetlight Locations at Intersections 80'/51' or Less Right-of-Way (Clark County & Henderson Only)	/ C / H / / / /
308	308.S1	Streetlight Locations at Intersections 60'/60' Right-of-Way (Except Clark County & Henderson)	B / / / L / M / N /
308.1	308.S2	Streetlight Locations at Intersections 60'/60' Right-of-Way (Clark County & Henderson Only)	/ C / H / / / /
309	309.S1	Streetlight Locations at Intersections 60'/51' or Less Right-of-Way (Except Clark County & Henderson)	B / / / L / M / N /
309.1	309.S2	Streetlight Locations at Intersections 60'/51' or Less Right-of-Way (Clark County & Henderson Only)	/ C / H / / / /
310		Streetlight Locations at Intersections 51' or Less/51' or Less Right-of-Way	B / C / H / L / M / N /
311	311.S1	Streetlight Standards Maximum Spacing (80 Ft. or Greater Right-of-Way) (Except Clark County)	B / / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL I

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	New Drawing Number	DESCRIPTION	AGENCY APPROVAL BOX
311.1	311.S2	Streetlight Standards Maximum Spacing (80 Ft. or Greater Right-of-Way) (Clark County Only)	/ C / / / / /
311A	311.1.S1	Streetlight Standards Maximum Spacing (60 Ft. or Less Right-of-Way) (Except Clark County & Henderson)	B / / / L / M / N /
311.1A	311.1.S2	Streetlight Standards Maximum Spacing (60 Ft. or Less Right-of-Way) (Clark County & Henderson Only)	/ C / H / / / /
312		Streetlight Locations on Traffic Islands 100' or Greater Right-of-Way	B / C * / H / L / M / N /
313		Streetlight Standard General Notes	B / C / H / L / M / N /
314		Streetlight Standard With 2" Pipe Arm	B / C / H / L / M / N /
315		Streetlight Standard With Double 2" Pipe Arm	B / C / H / L / M / N /
316		Streetlight Standard With Tapered Mast Arm	B / C / H / L / M / N /
317		Streetlight Standard With Double Tapered Mast Arm	B / C / H / L / M / N /
318		Pole Top and Arm Mounting Details	B / C / H / L / M / N /
319		Lower Pole Details for Pipe and Mast Arm Poles	B / C / H / L / M / N /
320		Lighting Standard Setback	B / C / H / L / M / N /
320A	320.1	Lighting Standard Setback From Block Wall	B / C / H / L / M / N /
321		Lighting Standard Foundation	B / C / H / L / M / N /
322		Base Adaptor Plate for 16-1/2" Bolt Circle Foundation	B / C / H / L / M / N /
322A	322.1	Base Adaptor Plate for 19" Bolt Circle Foundation	B / C / H / L / M / N /
323		Pull Box Cover Bonding Detail	B / C * / H / L / M / N /
324	324.S1	Bypass Switch Bracket for Pole Mounted Streetlight Service (City of Mesquite Only)	/ / / / M / /
325	321.1.S1	Modified Existing Streetlight Foundation for Installation of Underground Conduit (City of Las Vegas and Clark County Only)	/ C / / L / / /
326		Precast Reinforced Concrete Pull Box	B / C / H / L / M / N /
327		Pull Box Street Cover	B / C / H / L / M / N /
328		Utility Pull Box Locations Sidewalk and Between Driveways	B / C / H / L / M / N /
329		Concrete Around Pull Boxes in Undeveloped Areas	B / C / H / L / M / N /
330	DELETE See #730	Single Meter Service Pedestal	B / C / H / L / M / N /
331		Service Pedestal Setback	B / C / H / L / M / N /
332	332.S1	Service Pedestal Foundation (Except Clark County and City of Las Vegas)	B / / H / / M / N /
332.1	332.S2	Service Pedestal Foundation (Clark County and City of Las Vegas)	/ C * / / L * / / /
333	333.S1	Streetlighting Service Point Located on a Streetlight Standard (City of Mesquite Only)	/ / / / M / /
334		Temporary Application 120/240 VAC Service on Wood Pole Overhead Service	B / C / H / L / M / N /
335	335.S1	Streetlight Circuit One Line Diagram (Except Clark County and City of Las Vegas)	B / / H / / M / N /
335.1	335.S2	Streetlight Circuit One Line Diagram (Clark County and City of Las Vegas)	/ C / / L / / /

UNIFORM STANDARD DRAWINGS VOL I

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	New Drawing Number	DESCRIPTION	AGENCY APPROVAL BOX
336		System Grounding Plan With Pedestal Service	B / C / H / L / M / N /
337		System Grounding Plan With Pole Mounted Service	B / C / H / L / M / N /
338		Lighting Standard Wiring Diagram, 240 Volt, 2 Wire	B / C / H / L / M / N /
339		Twin Lighting Standard Wiring Diagram, 240 Volt, 2 Wire	B / C / H / L / M / N /
340		Lighting Standard Wiring Diagram, 120 Volt, 1 Phase, 3 Wire	B / C / H / L / M / N /

SECTION 400

DRAINAGE IMPROVEMENTS

401		Storm Drain Manholes General Notes	B / C / H / L / M / N / B / C / H / L / M / N /
402		Storm Drain Drop Inlet General Notes	B / C / H / L / M / N /
403		Type I Manhole	B / C / H / L / M / N /
403A	403.1	Type I Manhole 30" Ring and Cover	B / C / H / L / M / N /
404		Type IA Manhole	B / C / H / L / M / N /
404A	404.1	Type IA Manhole 30" Ring and Cover	B / C / H / L / M / N /
405		Type II Manhole	B / C / H / L / M / N /
405A	405.1	Type II Manhole 30" Ring and Cover	B / C / H / L / M / N /
406		Type III Manhole	B / C / H / L / M / N /
406A	406.1	Type III Manhole 30" Ring and Cover	B / C / H / L / M / N /
407		Precast Manhole Tees	B / C / H / L / M / N /
407A	407.1	Precast Manhole Tees 30" Ring and Cover	B / C / H / L / M / N /
408		Concrete Collar Around Manholes	B / C* / H / L / M / N /
408A	408.1	Concrete Collar Around Manholes 30" Ring and Cover	B / C* / H / L / M / N /
409		Standard Manhole Cover and Ring	B / C / H / L / M / N /
409A	409.1	Standard Manhole 30" Cover and Ring	B / C / H / L / M / N /
410		Standard Manhole Steps	B / C / H / L / M / N /
411		Drop Inlet Type "A"	B / C / H / L / M / N /
411A	411.1	Modified Type "A" Drop Inlet	B / C / H / L / M / N /
412		Drop Inlet Type "B"	B / C / H / L / M / N /
412A	412.1	Type "C-D" Modified Drop Inlet	B / C / H / L / M / N /
413		Drop Inlet Type "C"	B / C / H / L / M / N /
414		Drop Inlet Type "D"	B / C / H / L / M / N /
415		Drop Inlet Type "A" and "B" Special Design	B / C / H / L / M / N /
416		Beehive Drop Inlet	B / C / H / L / M / N /
417		Drop Inlet Frame and Grate	B / C / H / L / M / N /
418		Drop Inlet Steel Plate Anchorage	B / C / H / L / M / N /
419		Drop Inlet Steel Plate and Protection Bar	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL I

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	New Drawing Number	DESCRIPTION	AGENCY APPROVAL BOX
420		Typical Open Channel	B / C / H / L / M / N /
421		Storm Water Quality Management Stamp and Sign Detail	B / C / H / L / M / N /

SECTION 500

UTILITIES AND MISCELLANEOUS IMPROVEMENTS

500AL	500.1	0 To 5 Years Pavement Restoration Longitudinal Cut	B / C / H / L / M / N / B / C / H / L / M / N /
500AT	500.2	0 To 5 Years Pavement Restoration Transverse Cut	B / C / H / L / M / N /
500BL1	500.3	Over 5 Years Pavement Restoration Longitudinal Cut – Greater Than 60'R/W	B / C / H / L / M / N /
500BL2	500.4	Over 5 Years Pavement Restoration Longitudinal Cut – 60'R/W or Less	B / C / H / L / M / N /
500BT	500.5	Over 5 Years Pavement Restoration Transverse All R/W Widths	B / C / H / L / M / N /
501		Typical Underground Utility Locations in Residential Streets With 60 Feet or Less Right-of-Way	B / C / H / L / M / N /
501A	501.1	Typical Underground Utility Locations in Streets With Greater Than 60 Feet Right-of-Way	B / C / H / L / M / N /
503B	503	Method B for Rigid and Flexible Pipe Trench Backfill - Paved Areas	B / C / H / L / M / N /
503AF	503.1	Method A for Flexible Pipe Trench Backfill-Paved Areas	B / C / H / L / M / N /
503AR	503.2	Method A for Rigid Pipe Trench Backfill – Paved Areas	B / C / H / L / M / N /
505		Pipe Trench Bedding Methods	B / C / H / L / M / N /
506		Utility Pothole Repair	B / C / H / L / M / N /

SECTION 600

TRAFFIC CONTROL PLANS FOR HIGHWAY WORK ZONE

(Note: All 600 Series Drawings are 11 X 17)

601		Typical Application for Barricades & Flagger Traffic Control Sign Standard Designs	B / C / H / L / M / N / B / C / H / L / M / N /
602		Warranting Conditions for Portable Concrete Barrier Rail	B / C / H / L / M / N / B / C / H / L / M / N /
603		Typical Application for Short Time, Day or Night Operations	B / C / H / L / M / N /
604		Typical Application for Rural Moving Day Operations Where Activities Encroach on the Shoulder	B / C / H / L / M / N /
605		Typical Application for Rural Moving Day Operations Where Activities Encroach on the Pavement	B / C / H / L / M / N /
606		Typical Application for 2-Lane, 2-Way Rural Day or Night Operations Where Activities are More Than 15 Ft. From Edge of Pavement	B / C / H / L / M / N /
607		Typical Application for 2-Lane, 2-Way Rural Day or Night Operations Where Activities Will Encroach Between 15 Ft. & 2 Ft. Outside of Pavement Edge	B / C / H / L / M / N /
608		Typical Application for 2-Lane, 2-Way Rural Day Operations Where Activities Will Encroach Between Centerline and 2 Ft. Outside of Pavement Edge	B / C / H / L / M / N /
609		Typical Application for 2-Lane, 2-Way Rural Night Operations Where Activities Will Encroach Between Centerline & 2 Ft. Outside of Pavement Edge	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL I

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	New Drawing Number	DESCRIPTION	AGENCY APPROVAL BOX
610		Typical Application for 2-Lane, 2-Way Rural Day or Night Operations Where Activities Will Encroach Between Centerline & 2 Ft. Outside of Pavement Edge	B / C / H / L / M / N /
611		Typical Application for 2-Lane, 2-Way, Rural or Suburban, Day or Night Pavement Widening	B / C / H / L / M / N /
612		Typical Application for 2-Lane, 2-Way, Rural or Suburban, Day or Night Temporary <u>Paved</u> Bypass	B / C / H / L / M / N /
		Typical Application for 2-Lane, 2-Way, Rural or Suburban, Day or Night Temporary <u>Unpaved</u> Bypass	B / C / H / L / M / N /
613		Typical Application for 2-Lane, 2-Way Rural Day or Night Operations With One Lane Closed	B / C / H / L / M / N /
614		Typical Application for Multilane, Divided or Undivided, Rural or Suburban, Day or Night Operations Where Activities Are More Than 15 Ft. From Edge of Pavement	B / C / H / L / M / N /
615		Typical Application for Multilane, Divided or Undivided, Rural or Suburban, Day or Night Operations Where Activities Will Encroach Between 15 Ft. & 2 Ft. Outside Pavement Edge	B / C / H / L / M / N /
616		Typical Application for Multilane, Divided, Rural or Suburban, Day Operations Where Operation Moves Between 1 and 15 MPH	B / C / H / L / M / N /
617		Typical Application for Multilane, Divided or Undivided, Rural or Suburban, Day Operations Where Activities Will Encroach on Lane Abutting Shoulder or on the Shoulder Within 2 Ft. Outside the Pavement Edge	B / C / H / L / M / N /
618		Typical Application for Multilane, Divided or Undivided, Rural or Suburban, Day and Night Operations Where Activities Will Encroach on Lane Abutting Shoulder or on the Shoulder Within 2 Ft. Outside of Pavement Edge	B / C / H / L / M / N /
619		Typical Application for Multilane, Undivided, Rural or Suburban, Day/Night Operations With a Work Area in the Left Lane, Allowing Work Access from Adjacent Lane	B / C / H / L / M / N /
620		Typical Application for Multilane, 1-Way or Divided, Rural or Suburban, Day/Night Operations Where Center Lane(s) Are Closed	B / C / H / L / M / N /
621		Typical Application for Multilane, Divided, Rural or Suburban, Day or Night Where Activities Require Closing 2 Adjacent Lanes & an Opposing Lane is Used for a Temporary Crossover	B / C / H / L / M / N /
622		Typical Application for Work Areas Within or Near Suburban Intersections	B / C / H / L / M / N /
623		Typical Application for 2-Lane, 2-Way, Rural or Suburban, Day or Night Road Closure	B / C / H / L / M / N /
624		Typical Application for Controlling Pedestrian Traffic	B / C / H / L / M / N /
625		Typical Application for Slow Moving or Short Duration Stopping <u>in</u> a Marked Travel Lane on Non-Local Streets	B / C / H / L / M / N /
626		Typical Application for Placement of "No Parking" Signs for Short-Term Street Rehabilitation Projects	B / C / H / L / M / N /
627		Typical Application for Standard for "Speeding Penalties Doubled" Sign for Use in Temporary Traffic Control Zones	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL II

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)		DESCRIPTION	AGENCY APPROVAL BOX
404.001	701	Standard Symbols for Traffic Signal Drawings	B / C / H / L / M / N / B / C / H / L / M / N /
404.002	702	Quadrant Detail	B / C / H / L / M / N /

PULL BOXES

404.110	705	No. 3-1/2 Pull Box	B / C / H / L / M / N /
404.120	706	No. 5 Pull Box	B / C / H / L / M / N /
404.121	706.1	Reinforced Plastic Mortar Service Box Assembly #5	B / C / H / L / M / N /
404.130	707	No. 7 Pull Box	B / C / H / L / M / N /
404.131	707.1	Reinforced Plastic Mortar Service Box Assembly #7	B / C / H / L / M / N /
404.132	761	"P30" Pullbox (For Use in Interconnect and Communications Installations)	B / C / H / L / M / N /
404.133	762	Type 200 Vault (For Use at Fiber Optic Splice Points)	B / C / H / L / M / N /
404.139	708	Steel Pull Boxes	B / C / H / L / M / N /
404.140	709	Pull Box Street Cover	B / C / H / L / M / N /
		Pull Box Cover Bonding Detail	B / C* / H / L / M / N /
404.141	710	Pull Box Foundation	B / C / H / L / M / N /
404.142	763	ITS Communication Conduit and Pull Box Detail (For Existing Curb & Gutter)	B / C / H / L / M / N /
404.143	711	Pull Box Concrete Collar in Undeveloped Areas	B / C / H / L / M / N /
404.144	764	ITS Communication Conduit and Pull Box Detail Installed Under New Sidewalk	B / C / H / L / M / N /

FOUNDATIONS

404.201	715	Type "A" Foundation	B / C / H / L / M / N /
404.202	716	Type "B" Foundation	B / C / H / L / M / N /
404.203	717	Type "C" Foundation	B / C / H / L / M / N /
404.205	718	Type "E" Foundation	B / C / H / L / M / N /
404.206	719	Type "F" Foundation	B / C / H / L / M / N /
404.207	720	Type "G" Foundation	B / C / H / L / M / N /
404.208	721	Type "H" Foundation	B / C / H / L / M / N /
404.209	722	Type "L" Foundation	B / C / H / L / M / N /
404.210	723	Type "M" Foundation	B / C / H / L / M / N /
404.211	724	Type "I" Foundation	B / C / H / L / M / N /
404.213	725	Type "J" & "K" Foundations	B / C / H / L / M / N /
404.213A	725.1	Cabinet Conduit Layout Type "J" and "K" Foundations	B / C / H / L / M / N /
404.214	726	Service Pedestal Foundation	B / C / H / L / M / N /

CABINET

404.304	801	Type V Cabinet	B / C / H / L / M / N /
404.305	802	Type VI Cabinet	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL II

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)		DESCRIPTION	AGENCY APPROVAL BOX
404.307	803	Type VIII Cabinet	B / C / H / L / M / N /
404.308	804	Type IX Cabinet	B / C / H / L / M / N /
404.309	741	Flashing Beacon Controller Cabinet	B / C / H / L / M / N /
404.310	742	Wiring Diagram for Flashing Beacon Timer Controlled Operation	B / C / H / L / M / N /

PRIORITY VEHICLE PREEMPTION SYSTEM

None at this time

POLES AND POSTS

404.400	743	School Flashing Sign on Pole with Luminaire School Flashing Sign on Type-III Pole	B / C / H / L / M / N / B / C / H / L / M / N /
404.401	805	Pedestrian Push Button Post for Special Sign (8'-6" High) Pedestrian Push Button Post for 2 1/2 Posttop Mounting	B / C / H / L / M / N / B / C / H / L / M / N /
404.402	806	Signal Standard Type 1-A, 1-B	B / C / H / L / M / N /
404.403	744	Sign Post With School Sign Mounted Sign Post With School Sign Mounted Details	B / C / H / L / M / N / B / C / H / L / M / N /
404.405	807	Pedestal for Controller Cabinets	B / C / H / L / M / N /
404.406	808	Type XX-30'-0" Signal & Luminaire Pole (45' or Less Mast Arms)	B / C / H / L / M / N /
		Type XX-30'-0" Signal & Luminaire Pole Details	B / C / H / L / M / N /
		Type XX-A-30'-0" Signal & Luminaire Pole (50' Thru 60' Mast Arms)	B / C / H / L / M / N /
		Type XX-A-30'-0" (50' Thru 60' Mast Arms) Signal & Luminaire Pole Details Loading Information	B / C / H / L / M / N / B / C / H / L / M / N /
		Traffic Signal Pole Grounding	B / C / H / L / M / N /
404.406A	809	Removable Mast Arm End Cap Detail	B / C / H / L / M / N /
404.406B	810	Type XX-B-30'-0" Signal & Luminaire Pole (65' Thru 85' Mast Arms)	B / C / H / L / M / N /
		Type XX-B-30'-0" (65' Thru 85' Mast Arms) Signal & Luminaire Pole Details Loading Information	B / C / H / L / M / N / B / C / H / L / M / N /
404.406C	811.S1	Red Light Running Indicator Installation Details (Clark County Only)	/ C / / / / /
404.407	812	Type XX 20'-0" Signal Pole (45' or Less Mast Arms)	B / C / H / L / M / N /
		Type XX-A-20'-0" (50' thru 60' Mast Arms) Signal Pole	B / C / H / L / M / N /
404.409	813	Base Adaptor Plate for Type "H" Foundation	B / C / H / L / M / N /
		Base Adaptor Plate for Type "L" Foundation	B / C / H / L / M / N /
404.410	745	30' Pole With School Flashing Sign	B / C / H / L / M / N /
404.412	746	School Sign Pole Type XX-A	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL II

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)	DESCRIPTION	AGENCY APPROVAL BOX
404.414	814 Streetlighting Pole With Illuminated Street Name Sign	B / C / H / L / M / N /
404.415	815 Type III Pole With Illuminated Street Name Sign	B / C / H / L / M / N /
404.416	816 Type XX Pole With Illuminated Street Name Sign	B / C / H / L / M / N /
404.416A	817 Utility Cable Clearance Over Traffic Signals New Installation Only	B / C / H / L / M / N /
404.417	818 Street Name Sign Internally Illuminated	B / C / H / L / M / N /
404.417A	818.1 Alternative Pole Mounted Street Name Sign Internally Illuminated	B / C / H / L / M / N /
	Alternative Pole Mounted Street Name Sign Internally Illuminated Attachment Detail	B / C / H / L / M / N /
	Alternative Pole Mounted Street Name Sign Internally Illuminated Bracket Detail	B / C / H / L / M / N /
404.418	818.2 Sign Mounting Illustration	B / C / H / L / M / N /
404.420	819 Block Number Sign	B / C / H / L / M / N /
MAST ARMS AND ASSEMBLIES		
404.502	821 One Bolt Simplex Arm Attachment Clamp Assembly	B / C / H / L / M / N /
404.503	Retrofit Streetlight Mast Arm	B / C / H / L / M / N /
DRILLING DETAILS		
404.600	823 Pole Drilling Details	B / C / H / L / M / N /
404.601	824 Island Signal Pole Details for 10' Pole	B / C / H / L / M / N /
ISLAND EQUIPMENT		
404.700	825 Median Island Signal Location	B / C / H / L / M / N /
DETECTORS		
404.810	826 Sawcut Details for Induction Loops	B / C / H / L / M / N /
404.811	827 Details @ Pull Box and Sawcuts	B / C / H / L / M / N /
404.820	828 1 Induction Loop for 1 Travel Lane	B / C / H / L / M / N /
404.821	829 1 Induction Loop for 2 Travel Lanes	B / C / H / L / M / N /
	2 Induction Loops for 2 Travel Lanes	B / C / H / L / M / N /
404.822	830 1 Induction Loop for 3 Travel Lanes	B / C / H / L / M / N /
	3 Induction Loops for 3 Travel Lanes	B / C / H / L / M / N /
404.823	831 1 Induction Loop for 4 Travel Lanes	B / C / H / L / M / N /
	4 Induction Loops for 4 Travel Lanes	B / C / H / L / M / N /
404.825	832 3 Induction Loops for 3 Travel Lanes	B / C / H / L / M / N /
404.826	833 Multiple Loop System for Thru Lane	B / C / H / L / M / N /
404.827	834 Multiple Loop System for Left Turn Pocket	B / C / H / L / M / N /
404.828	835 Type "Quadrupole" Loop Installation	B / C / H / L / M / N /
404.829	836 Wire Diagrams for Multiple Loop Systems for Left Turn Pocket and Thru Lane	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL II

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)		DESCRIPTION	AGENCY APPROVAL BOX
404.830	837	Circular Induction Loops for Travel Lanes	B / C / H / L / M / N /
404.851	838	Pedestrian Push Button Detectors	B / C / H / L / M / N /
BACKPLATES			
404.900	840	Louvered Backplate for Mast Arm Mounted Signal	B / C / H / L / M / N /
404.901	841	Louvered Backplate for Pole Mounted Signal	B / C / H / L / M / N /
404.902	842	Louvered Backplate for 5 Section Signal Head	B / C / H / L / M / N /
404.903		Louvered Backplate for 5 Section Signal Head	B / C / H / L / M / N /
SIGNAL UNITS			
404.1005	845	Bill of Materials Signal Assemblies	B / C / H / L / M / N /
SIGNAL ASSEMBLIES			
404.1011	846	Signal Assemblies A-1, A-2T, A-3	B / C / H / L / M / N /
404.1012	847	Signal Assemblies A-4T, A-5T	B / C / H / L / M / N /
404.1013	848	Signal Assemblies A-6T	B / C / H / L / M / N /
404.1015	849	Signal Assemblies A-8T, A-9T	B / C / H / L / M / N /
404.1016	850	Signal Assemblies A-10T, A-11T	B / C / H / L / M / N /
404.1017	851	Signal Assemblies A-12T, A-13T	B / C / H / L / M / N /
404.1018	852	Signal Assemblies A-14T, A-15T	B / C / H / L / M / N /
404.1019	853	Signal Assemblies A-16T	B / C / H / L / M / N /
404.1020	854	Signal Assemblies A-17T	B / C / H / L / M / N /
404.1022	855	Mast Arm Signal Assemblies M-2A, M-3A	B / C / H / L / M / N /
404.1023	856	Mast Arm Signal Assemblies M-3, M-2	B / C / H / L / M / N /
404.1023A1	747	School Flasher Mast Arm Signal Assemblies M-2A School Flasher Mast Arm Signal Assemblies M-2B	B / C / H / L / M / N / B / C / H / L / M / N /
404.1024	858	Signal Assemblies B-1T, B-2T, B-3T	B / C / H / L / M / N /
404.1025	859	Signal Assemblies B-5T, B-6T	B / C / H / L / M / N /
404.1026	860	Signal Assemblies B-7T, B-8T, B-9T	B / C / H / L / M / N /
404.1027	864	Signal Assemblies B-10, B-11T	B / C / H / L / M / N /
404.1028	862	Signal Assemblies B-12T, B-13T	B / C / H / L / M / N /
404.1029	863	Signal Assemblies B-14T	B / C / H / L / M / N /
404.1030	865	Protective/Permissive M-5 Signal Heads	B / C / H / L / M / N /
404.1031		Protective/Permissive M-5 Signal Heads Type: M-5 Assemblies and Parts List	B / C / H / L / M / N /
404.1031		Type: M-5 Assemblies and Parts List	B / C / H / L / M / N /
404.1032		Pedestrian Signal Assemblies W-0T, W-1, W-2T, W-3T, W-1T	B / C / H / L / M / N /
404.1034	867	Pedestrian Push Button Sign Detail	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL II

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)		DESCRIPTION	AGENCY APPROVAL BOX
VISORS AND LOUVERS			
404.1100	870	Visors for 8" Signals	B / C / H / L / M / N /
		Louvers and Visors for 12" Signals Geometrically Programmed Louver	B / C / H / L / M / N /
404.1101	871	Backplate and Signal Head Assembly	B / C / H / L / M / N /
SIGNAL HARDWARE			
404.1200	872	Miscellaneous Signal Mounting Hardware	B / C / H / L / M / N /
404.1201	873	Pole Plate Details	B / C / H / L / M / N /
404.1202	872	Miscellaneous Signal Mounting Hardware	B / C / H / L / M / N /
404.1203	875	Elevator Plumbizer	B / C / H / L / M / N /
404.1204	876	Pole Plate With Wire Guide Details	B / C / H / L / M / N /
404.1205	877	4 Way Center Hub	B / C / H / L / M / N /
404.1206	878	Standard Malleable Pipe-Hardware 1-1/2" IPS	B / C / H / L / M / N /
404.1207	879	Post Top Mounted Adapter with Terminal Compartment	B / C / H / L / M / N /
404.1208	880	Side Bracket Mounted Adapter with Wire Guide	B / C / H / L / M / N /
404.1210	881	One Way Mount	B / C / H / L / M / N /
404.1211	882	One Way Mount for 3M Signals	B / C / H / L / M / N /
404.1212	883	One Way Mount Detail	B / C / H / L / M / N /
EQUIPMENT ORIENTATION ON SIGNAL POLES			
404.1300	885	Pole Location & Signal Mounting at Intersection (Two Pole) Curbside Sidewalk	B / C / H / L / M / N /
		Pole Location & Signal Mounting at Intersection (Single Pole) Curbside Sidewalk	B / C / H / L / M / N /
404.1300 ALT	886	Pole Location & Signal Mounting at Intersection (Two Pole) Offset Sidewalk	B / C / H / L / M / N /
		Pole Location & Signal Mounting at Intersection (Single Pole) Offset Sidewalk	B / C / H / L / M / N /
404.1301	887	Pole Location and Signals Mounting on Right Turn Islands	B / C / H / L / M / N /
404.1302	888.S1	Future Pole Location Case I (Except City of Las Vegas)	B / C / H / / M / N /
404.1302	888.1	Future Pole Location Case II	B / C / H / L / M / N /
404.1306	889	Typical Traffic Signal Underground Layout With Interim Street Lighting and Service Pedestal (Center of Curve Radius)	B / C / H / L / M / N /
		Typical Traffic Signal Underground Layout With Interim Street Lighting and Service Pedestal (End of Curve Radius)	B / C / H / L / M / N /
404.1307	765	Typical Intersection ITS Underground Layout	B / C / H / L / M / N /
MISCELLANEOUS			
404.1410	890	12" Arrow Lens	B / C / H / L / M / N /
404.1412	730	Single Meter Service Pedestal	B / C / H / L / M / N /
404.1413	731	120/240 VAC Service on Wood Pole Overhead Service	B / C / H / L / M / N /
404.1414	891	Auxiliary Cabinet Equipment Wiring	B / C / H / L / M / N /
404.1418	732	Installation of Conduit into Pull Box From Lip of Gutter Trench	B / C / H / L / M / N /

UNIFORM STANDARD DRAWINGS VOL II

(Summary of Revisions)

Effective 7/1/11

Drawing Number(s) (PDF)		DESCRIPTION	AGENCY APPROVAL BOX
<u>404.1419</u>	<u>733</u>	Installation of Conduit	B / C / H / L / M / N /
<u>404.1500</u>	<u>766</u>	Closed Circuit Television Camera	B / C / H / L / M / N /
		Closed Circuit Television Camera Control Unit and Cable Wiring Diagram	B / C / H / L / M / N /
		Camera Adaptor Stand	B / C / H / L / M / N /
		Closed Circuit Television Camera Extension Pole	
<u>404.1501</u>	<u>767</u>	Communication Distribution Cable Assembly (CDCA) in Cabinet	B / C / H / L / M / N /