

**MAG OUTSIDE RIGHT-OF-WAY WORKING GROUP
SUMMARY REVIEW OF EXISTING MAG DETAILS**

1/25/2011

Detail	Title	Keep	Modify	Minor Change	Action
Details to be Excluded from Outside ROW Standards					
120-2	Survey Marker - Unincorporated Areas of County	No			
170	Typical Runway or Taxiway Edge Lighting Detail	No			MAG case work
190	Rock Correction Procedure for Maximum Density Determination	No			MAG case work
204	Equipment Crossing	No			MAG case work
205	Paved Turnout	No			
223	Median Nose Transition	No			
231-234	Sidewalk Ramps	No			
250-1&2	Driveway Entrances	No			
251	Return Type Driveways	No			
260-261	Alley Entrance	No			
262-263	Wing Type Alley Entrance	No			
340	Installing Tapping Sleeves and Valves	No			MAG case work
342	Concrete Pressure Pipe Tapping Sleeve	No			
362	Location for New Hydrants	No			
392	Debris Cap Installation	No			MAG case work
402	Encased Pipe for Canal Crossing	No			MAG case work
425	24" Aluminum Manhole Frame and Cover	No			MAG case work
428	Manhole Steps	No			
429	Industrial Waste Control Vault with Manhole	No			
Details to be made part of Outside ROW Standards with no changes					
101	General Information	Yes	No		
110-1&2	Plan Symbols	Yes	No		
112	Dimensioning for Road Improvement Plans	Yes	No		
120-1	Survey Marker	Yes	No		
130	Barricades	Yes	No		
140	Bollard	Yes	No		
141	Hazard Marker	Yes	No		
150	Precast Safety Curb	Yes	No		Remove from MAG
200-1&2	Backfill, Pavement and Surface Replacement	Yes	No		
201	Pavement Section and Termination	Yes	No		
203	Scuppers	Yes	No		
206-1to3	Concrete Scuppers	Yes	No		
211	Standard Trench Plating Detail	Yes	No		
212	Utility Pothole Repair	Yes	No		
220-1&2	Curb and Gutter	Yes	No		
221	Curb and Gutter Transitions	Yes	No		
222	Single Curb	Yes	No		
224	Joint for Drainage Inlets and Manhole Covers	Yes	No		
240	Valley Gutter	Yes	No		
252	Bus Bays	Yes	No		
303-1&2	Joint Restraint for Ductile Iron and PE Wrapped Ductile Iron Water Pipes	Yes	No		
310-314	Cast Iron Water Meter Box Cover	Yes	No		
345-2	4", 6" Water Meter with Onsite Fire Hydrants	Yes	No		
381	Anchor Blocks for Vertical Bends	Yes	No		
403-1&2	Pipe Support Across Trenches	Yes	No		
403-3	Alternative to Pipe Support	Yes	No		
404-1to3	Water and Sanitary Sewer Separation/Protection	Yes	No		
421	Offset Manhole for 8" to 30" Pipe	Yes	No		
422	Brick Sewer Manhole and Cover Frame Adjustments	Yes	No		
423	Water Tight 30" Manhole Frame and Cover	Yes	No		
440-1to4	Sewer Building Connection (Type A, B, C & Stamp Detail)	Yes	No		
501-1to3	Headwalls	Yes	No		
501-4	Headwall Irrigation 18" to 60" Pipe	Yes	No		
501-5	Headwall Drop Inlet	Yes	No		
503	Irrigation Standpipe	Yes	No		
506	Irrigation Valve Installation	Yes	No		
520-522	Storm Drain Manhole Base and Shaft	Yes	No		
523-1&2	Pressure Manhole	Yes	No		
524	Storm Drain Lateral Pipe Connections	Yes	No		
531-532	Curb Opening Catch Basin (Types A, B & C)	Yes	No		
533-1to4	Catch Basin Type D (Basin, Apron, Grate & Frame)	Yes	No		
534-1to4	Catch Basin Type E (Basin and Details)	Yes	No		
535	Catch Basin Type F	Yes	No		
536-1&2	Curb Opening Catch Basin (Details, Sections Cover)	Yes	No		
537-538	Catch Basin (Type G & H)	Yes	No		
539-540-2	Grates for Catch Basins	Yes	No		
541	Catch Basin Subgrade Drain	Yes	No		
545	End Section Reinforced Concrete Pipe	Yes	No		
552	Concrete Cutoff Walls	Yes	No		
555	Erosion Protection - Gabions	Yes	No		
Details to be reviewed & modified by Outside ROW Working Group					
145	Safety Rail	Yes	Yes	Yes	Modify to accommodate OSHA onsite needs
510	Corrugated Metal Pipe Installation	Yes	Yes	No	Incorporate underground storage tanks
(as part of the MAG Standards)					
210	Residential Speed Hump	Yes	Yes	Yes	(change title for OROW) - MAG case work
345-1	3", 4" and 6" Water Meter	Yes	Yes	Yes	MAG case work

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Detail	Title	Keep	Modify	Minor Change	Action
Details to be reviewed & modified by Concrete Working Group					
(as part of the Outside ROW Standards)					
230	Sidewalks	Yes	Yes	No	Allow varying widths, mod jointing
(as part of the MAG Standards)					
225	Concrete Pavers	Yes	Yes	Yes	MAG case work
Details to be reviewed & modified by Piping & Water Working Group					
(as part of the Outside ROW Standards)					
405	Broken Sewer Line Replacement	Yes	Yes	Yes	Include more than just clay pipe
320	Concrete Water Meter Boxes	Yes	Yes	No	Allow fiberglass & plastic boxes
(as part of the MAG Standards)					
302-1&2	Joint Restraint with Tie Rods	Yes	Yes	Yes	MAG case work
321	Standard Water Meter Vault	Yes	Yes	Yes	MAG case work
426	Drop Sewer Connection	Yes	Yes	Yes	MAG case work
370	Vertical Realignment of Water Mains	Yes	Yes	No	MAG case work
Unassigned Details to be reviewed & modified					
(as part of the MAG Standards)					
131	Street Sign Base	Yes	Yes	Yes	MAG case work
160	Chain Link Fence and Gate	Yes	Yes	Yes	MAG case work
202	Alley Details	Yes	Yes	Yes	MAG case work
270	Frame & Cover (and Grade Adjustments)	Yes	Yes	Yes	MAG case work
301	Blocking for Water Gate and Butterfly Valves	Yes	Yes	Yes	MAG case work
346	Fire Line Detector Check Valve	Yes	Yes	Yes	MAG case work
360	Fire Hydrant Installation	Yes	Yes	Yes	MAG case work
441	Sewer Cleanout	Yes	Yes	Yes	MAG case work
504	Concrete Block Junction Box	Yes	Yes	Yes	MAG case work
550	Spillway Inlet and Outlet	Yes	Yes	Yes	MAG case work
420-1&2	Precast Concrete Sewer Manhole	Yes	Yes	Yes	MAG case work
502-1&2	Trash Rack	Yes	Yes	Yes	MAG case work
135	Steel Guard Rail	Yes	Yes	No	MAG case work
380	Thrust Blocks for Water Lines	Yes	Yes	No	MAG case work
389	Curb Stop with Valve Box and Cover	Yes	Yes	No	MAG case work
390	Curb Stop with Flushing Pipes	Yes	Yes	No	MAG case work
424	24" and 30" Manhole Frame and Cover	Yes	Yes	No	MAG case work
427	Stub Out and Plugs	Yes	Yes	No	MAG case work
505	Concrete Pipe Collars	Yes	Yes	No	MAG case work
391-1&2	Valve Box Installation and Grade Adjustment	Yes	Yes	No	MAG case work
507	Encased Concrete Pipe (for Shallow Installation)	Yes	Maybe		MAG case work