

Specifications & Details Outside Right-of-Way Working Group

March 22, 2011 Meeting (1:30 pm to 3:00 pm)

at

Arizona Rock Product Association

9th Avenue and Adams Street

Phoenix, AZ

Meeting Agenda

INTRODUCTION

- Welcome participants – Introductions

DISCUSSION ITEMS

- Review standards revisions to be done by working group.
- Review draft revisions to Section 201 & 205
- Review additional revisions to be done by WG
- Discuss new standards to be developed for outside ROW document from existing agency supplements.
- Next meeting date

Cases for Removal from MAG Specifications and Details

Section	Title	Recommended Action by Outside ROW Working Group	Status
313	Bituminous Treated Base Course	Delete this section as this procedure is no longer used.	case submitted
410	Precast Safety Curbs	Delete this section as this is for outside of ROW locations.	
501	Driving Piles	Delete this section as it is outdated, rarely used and partly a design document.	
780	Timber Piles	Delete this section as it is outdated, rarely used and provides little guidance.	
781	Steel Piles	Delete this section as it is outdated, rarely used and provides little guidance.	
782	Concrete Piles	Delete this section as it is outdated, rarely used and provides little guidance.	
785	Steel Castings	Delete this detail as these materials are no longer used.	
786	Bronze Casting	Delete this detail as these materials are no longer used.	
Detail	Title	Recommended Action by Outside ROW Working Group	Status
150	Precast Safety Curb	Delete from ROW standard as these are used outside ROW.	case submitted
170	Typical Runway or Taxiway Edge Lighting Detail	Delete from ROW standard. Detail is for work outside of the ROW and may not be current.	
402	Encased Pipe for Canal Crossing	Delete this detail since irrigation agency standards supercede MAG on canals.	
425	24" Aluminum Manhole Frame and Cover	Delete this detail as it is rarely (if ever) used.	

Cases for Removal from MAG Specifications and Details - Minor Changes Needed in Other Standards/Details

Section	Title	Recommended Action by Outside ROW Working Group	Status
225	Watering	Delete this section since it provides minimal technical guidance - mostly general conditions. Modify earthwork and dust control specifications if needed and include general conditions in Section 104.	case submitted
787	Gray Iron Castings	Delete this section; place essential information from 787.3 in existing details referencing gray iron castings.	
Detail	Title	Recommended Action by Outside ROW Working Group	Status
190	Rock Correction Procedure for Maximum Density Determination	Delete from ROW construction standard. This is a QC testing requirement that can be specified in Section 301 using ASTM D4718.	case submitted

Cases for Review by Various Members & Agency Staff (green shading denotes minor revisions)

Section	Title	Recommended Action by Outside ROW Working Group	Status
350	Removal of Existing Improvements	Modify to include utility abandonment/removal requirements.	
360	Telecommunications Installations	Revise to meet current agency practices and requirements.	
401	Traffic Control	Revise to meet current agency practices and requirements.	
430	Landscaping and Planting	Revise to include current practices and innovations (hydroseeding)	
440	Sprinkler Irrigation System Installation	Revise to include current practices and innovations (drip systems)	
515	Steel Structures	Revise section to delete references to major structures that fall under building code regulations; section should be for minor steel structures only.	
520	Steel and Aluminum Handrails	Revise to match existing details and current codes/standards.	
530	Painting	Section is outdated and needs to be revised to meet current industry standards.	
757	Sprinkler Irrigation Systems	Suggest changing title to "Landscape Irrigation" and update for current materials (drip systems).	
770	Structural And Rivet Steel, Rivets, Bolts, Pins, And Anchor Bolts	Antiquated specification. Update for current materials.	
772	Chain Link Fence	Review and change ASTM standards that are out of date.	
779	Wood Preservatives	Section is outdated and needs to be revised to meet current industry standards.	
790	Paint	Section is outdated and needs to be revised to meet current industry standards.	
795	Landscaping Material	Revise to include current materials used by agencies.	
Detail	Title	Recommended Action by Outside ROW Working Group	Status
131	Street Sign Base	Update to include materials currently used by agencies for street sign supports.	
135	Steel Guard Rail	Include end attenuation details.	
145	Safety Rail	Modify to accommodate OSHA onsite needs	
160	Chain Link Fence and Gate	Include options for higher fencing as allowed in Section 420.	
202	Alley Details	Modify inverted crown alley for access road use; delete unpaved surface or include aggregate or RAP surfacing	
204	Equipment Crossing	Review to determine if this is still needed. When would it be used?	
210	Residential Speed Hump	Include option for speed table (Tempe design); include a note on drainage impacts.	

Sections to be made part of Outside ROW Standards - Changes complete					
Section	Title	Keep	Modify	Minor Change	Action
101	Abbreviations and Definitions	Yes	Yes	Yes	Done
104	Scope of Work	Yes	Yes	Yes	Done
105	Control of Work	Yes	Yes	Yes	Done
107	Legal Regulations and Responsibility to Public	Yes	Yes	Yes	Done
108	Commencement, Prosecution and Progress	Yes	Yes	Yes	Done

Sections to be reviewed & modified by Outside ROW Working Group					
Section	Title	Keep	Modify	Minor Change	Action
201	Clearing and Grubbing	Yes	Yes	Yes	Draft in Review
336	Pavement Matching and Surfacing Replacement	Yes	Yes	Yes	Scope to be determined
205	Roadway Excavation	Yes	Yes	No	Draft in Review
211	Fill Construction	Yes	Yes	No	Modify for on-site methods
350	Removal of Existing Improvements	Yes	Yes	No	Modify for on-site methods

Details to be reviewed & modified by Outside ROW Working Group					
Section	Title	Keep	Modify	Minor Change	Action
145	Safety Rail	Yes	Yes	Yes	Modify to accommodate OSHA onsite needs
510	Corrugated Metal Pipe Installation	Yes	Yes	No	Incorporate underground storage tanks