Comment No.	Page/Section	Reviewer	Reviewer's Comment	Response	Response By
1	7-1 / 7.1 General (A)	DPT	Specify the year of the King County Surface Water Design Manual. (2016 King County Surface Water Design Manual)	Replace with Surface Water Design Manual and define in chapter one to include 2016 KCSWDM with SeaTac addendum	JMM
2	7.1 A	Stakeholders	Remove second sentence, it is out of place.	Will remove second sentence	JMM
3	7-1 / 7.1 General (B)	DPT	Specify the year of the Standard Specifications. (2014 WSDOT/APWA Standard Plans & Specification)	Will add "current edition"	JMM
4	7-1 / 7.1 General (C)	DPT	Specify the year of the King County Surface Water Design Manual. (2016 King County Surface Water Design Manual)	Replace with Surface Water Design Manual	JMM
5	7-1 / 7.2 Road Ditches	DPT	Specify the year of the King County Surface Water Design Manual. (2016 King County Surface Water Design Manual)	Replace with Surface Water Design Manual	JMM
6	7-1 / 7.2 Road Ditches (B.1)	DPT	Specify the year of the King County Surface Water Design Manual and the Standard Specifications. (2016 King County Surface Water Design Manual & 2014 WSDOT/APWA Standard Plans & Specification)	Replace with Surface Water Design Manual	JMM
7	7.2C	EP	Need to specify geotextile. Suggest WSDOT 9-33.2(1) nonwoven for soil stabilization	A standard drawing for rock lined ditch will be added and will include callout for geotextile (specific type).	JMM
8	7-2/7.2D	CIL	Mix does not add up to 100%, use this mix: 30% Colonial Bentgrass 30% Kentucky Bluegrass 20% Tall Fescue 15% Perennial Rye grass 5% White or Red Clover-	Will specify two types of mixes - winter and all other season. Colum will investigate mix. Specific dates for use will be included.	MML
9	7-2/7.2D	CIL	include mulching and tackifier requirements from KCSWDM Appendix C C3.10. Add wet season requirements/restrictions such as RECP	Will incorporate, see previous comment.	JMM
10	7-2 / 7.2 Road Ditches (D)	DPT	Confirm with Maintenance.	Need to confirm seed mix used by maintenance.	JMM

			Remove second sentence "Eight-inch"		
11	7.3A	SD		Remove all sub-sections of 7.3. All information will be included in standard drawings. Add sentence to make reference to standard drawing. Add with director approval, remove length reference.	JMM
	7-2 / 7.3 Storm		Specify the year of the Standard Specifications.	approval, remove length reference.	
12	Sewers and Culverts (A)	DPT	(2014 WSDOT/APWA Standard Plans & Specification)	Information will be included in standard drawing.	JMM
13	7.3B	SD	Exclude PVC from miniumum 1' of cover due to low tensile strength (last sentence)	Will use WSDOT pipe cover table from Hydraulics manual (with city revisions)	JMM
14	7-2/7.3B	CIL	Add pipe bedding requirements or mention here	Standard drawing will address.	JMM
15	7.3B	EP	delete 2nd sentence. Possibly insert WSDOT pipe cover requirements.	Section will be removed	JMM
16	7-2 / 7.3 Storm Sewers and Culverts (B)	DPT	Wording should correspond to the SeaTac Standard Plan Notes. SeaTac Standard Plan Notes states the following: FOR COVER FROM 1 FT. TO 2 FT. USE REINFORCED CONCRETE PIPE. FOR COVER LESS THAN 1 FT. DUCTILE IRON PIPE IS USED. PVC PIPE REQUIRES 3 FT. COVER.	Will use WSDOT pipe cover table from	JMM
17	7-2/7.3C	CIL	add" Trash rack required at the entrance to piped storm drain system" Add a removable trash rack detail similar to KCSWDM 4.2.1E	Hydraulics manual (with city revisions) Confer with maintenance. 18" and over pipes, required by KCSWDM to have trash racks, check with maintenance about 12" culverts (not driveway culverts).	JMM
18	7-2 / 7.3 Storm Sewers and Culverts (D)	DPT	Specify the year of the Standard Specifications. (2014 WSDOT/APWA Standard Plans & Specification)	Section will be removed	JMM

19	7-2/7.3C	CIL	allow DI, RCP and PVC C900 culverts only, reference WSDOT spec 7-03 & Ch3.1 of these standards	Yes, types of pipe allowed will be addressed	JMM
				by WSDOT pipe cover table from Hydraulics manual (with city revisions)	-
	7-2/7.3D	CIL	Do not allow plain concrete pipe, corrugated metal		
			pipe(aluminum or steel). Allow reinforced concrete, ductile		
20			iron, solid wall PVC, profile wall PVC, corrugated polyethylene pipe, high density polyethylene pipe, corrugated		JMM
20				Yes, types of pipe allowed will be addressed	JIVIIVI
			outside roadway	by WSDOT pipe cover table from Hydraulics	
			outside roadway	manual (with city revisions)	
21	7.3D	EP	Can we exclude CMP?	Yes, and unreinforced concrete pipe	JMM
22			SWPE should only be used for underdrains outside the	We will not include SWPE as an allowable pipe	JMM
	7.3E	EP	travelled way	material in pipe cover table.	
23	7-2/7.3E	CIL	does this refer to mandrel test? update WSDOT reference to		JMM
	 		` '	Yes, need to change reference	
	7-2 / 7.3 Storm		Specify the year of the Standard Specifications.		
24	Sewers and	DPT	(2014 WSDOT/APWA Standard Plans & Specification)		JMM
	Culverts (F)			Section will be removed	
25	7-2/7.3F	CIL	Remove first sentence or refer to WSDOT specs. Require leak		JMM
			testing per WSDOT.7-043(1)E/7-04.3(1)F	Standard drawing will address.	
26	7.3F	EP	Delete 2nd sentence. Possibly referrence WSDOT 7-04.3(1)A	Standard drawing will address.	JMM
			Question. If ductile iron used, why not expose bell end and		
27			forego the bevel so that pipe extensions can be made in the		JMM
	7.3G	SD		Current practice will ensure consistency.	
28	7-4/7.4 A	CIL	replace catch basins with "catch basins or inlets"	Yes	JMM
	7-4/7.4 B	CIL	Allow WSDOT B-25.60-01 (concrete inlet) and B-25.20-01		
29			,	Need to clarify that type 1 CB's are standard,	JMM
				curb inlets allowed with Director approval.	
30	7-4/7.4B	CIL	refer to WSDOT plans B-5.20-02 (CB type 1) B-5.4-02 (CB type		JMM
30			1L), Include B-10.70-00 (PVC CB)?	Yes	÷

31	7.4C	SD	Remove entire section C.	Yes	JMM
32	7.4C	EP	Add item #6 Approval of Director or designee	Section c will be removed	JMM
33	7-4/7.4C.1	CIL	remove 48" pipe size requirement, require permit/ approval by the city	Section c will be removed	JMM
34	7-4/7.4D	CIL	reference WSDOT B-10.20-01 (CB type 2) & B-30.90-02 Misc. details)	Will incorporate.	JMM
35	7-3 / 7.4 Catch Basin Locations and Junctions (E)	DPT	Change ft to feet to be consistent with chapter.	Will incorporate.	JMM
36	7-4 / 7.5 Frames, Grates, and Covers (D)	DPT	Specify the year of the Standard Specifications. (2014 WSDOT/APWA Standard Plans & Specification)	Will add "current edition"	JMM
37	7-4 / 7.5 Frames, Grates, and Covers (E)	DPT	Specify the year of the Standard Specifications. (2014 WSDOT/APWA Standard Plans & Specification)	Will add "current edition"	JMM
38	7-4/7.4E	CIL	reference WSDOT B-15.20-01 (MH type 1), B-15.40-01 (MH type 2), B-15.60-02 (MH type 3)	Will incorporate	JMM
39	7-4/7.4F	CIL	explicitly address curb discharges/ sidewalk drains, are they allowed, what are the guidelines?	No, they are not allowed. Language will remain general to be more inclusive.	JMM
40	7-4 / 7.5 Frames, Grates, and Covers (G)	DPT	Specify the year of the Standard Specifications. (2014 WSDOT/APWA Standard Plans & Specification)	Will add "current edition"	JMM
41	7-4/7.4G	CIL	Remove this item, require rigid couplings or fernco coupling when joining dissimilar pipe materials	Keep sentence, add "for pipes 6 inches or greater"	JMM
42	7.4H	EP	not typically done for Type I cb's	Remove section H	JMM
43	7.5 A	SD	Need rust prohibitive coating	This issue will be investigated and discussed at next meeting	JMM
44	7.5 C	SD	And will be marked with "City of SeaTac".	Will not specify SeaTace, this would add cost.	JMM

45					JMM
	7.5 G	SD	Add City of SeaTac	Will not specify SeaTace, this would add cost.	
46	7.5 J	SD	Add locking	Will incorporate	JMM
47	7.5 M	SD	Add 4 bolt locking in travel lane, 2 bolt in gutter flow line.	Will add in standard drawing, 4 locking bolts	JMM
48	7-7/7.5N	CIL	with replaceable nut(EJ EONLOCK) or similar	Will add in standard drawing	JMM
	7-7/7.50	CIL	why allow slit drain/ trench drain in ROW? If allowed	Yes, slit drains will be allowed but minimum	
49			requireH-20 rated, heel resistant grate	loading requirements will be specified, Colum	JMM
				will research	
	7-5 / 7.5		Do we want to use slit drains? They are easily plugged, easily		
	Frames,		damaged, difficult to maintain, requires catch basins every 50		
50	Grates, and	DPT	feet and require specialized cleaning equipment.	Adding minimum requirements will eliminate	JMM
	Covers (O)		O sign is	some of the issues.	
	331313 (3)		Specify the year of the King County Surface Water Design		
	7-5 / 7.6	DPT	Manual and the Standard Specifications.	Will add "current edition" for Standard	
51	Erosion Control		(2016 King County Surface Water Design Manual & 2014	Specifications and Surface Water Design	JMM
	Li osioni conti oi		WSDOT/APWA Standard Plans & Specification)	Manual for KCSWDM and city addendum	
			Maintenance preferrence is East Jordan Eonlk and East	Wandarior Resward and erry addendant	
52	7.5?	EP	Jordan Ergo for MH covers	Will add in standard drawing	JMM
	7.5.		Jordan Ergo for Wiff covers	Will ddd ii Staridai'd drawing	
53				Will incorporate, Eric Proctor provided	JMM
33	??	EP	Need languagge for exfiltration testing of detention vaults	language previously developed by Don R.	3141141
	7-7/7.6	CIL	add Erosion control BMPs shall be implemented to the extent	, , ,	
	7-7/7.0	CIL	necessary to prevent contaminants from entering the		
54				Add, minus "and in accordance with	JMM
			drainage system or surface waters and in accordance with	KCSWDM"	
	7 7/7 6	CII	KCSWDM	KCSVV DIVI	
55	7-7/7.6	CIL	Refer to WSDOT silt fence specs or remove. Add ditch	Delete 2nd newscaph	JMM
	7.7/7.0	CII	erosion control measures such as RECP.	Delete 3rd paragraph	
56	7-7/7.8	CIL	create subsections for pervious pavement & bioretention	Use language from City addendum to Road	JMM
	+	C''	Disease antice DAADs shall be about and the control of the control	Standards	
57		CIL	Bioretention BMPs shall be designed in accordance with	Naka samanata sastian fan hisustantian	JMM
			SeaTac addendum to KCSWDM	Make separate section for bioretention	

58	7-7/7.8	CIL	Pervious pavement shall be designed in accordance with		JMM
			SeaTac addendum to KCSWDM	Make new section for pervious pavement	JIVIIVI
59	7-7/7.8b	CIL	remove last sentence and/or reconsider 5.10 requirements	In section 5/10, add vegetated LID to the	JMM
39			as they make many BMPs infeasible	exemption for placement in clear zone	JIVIIVI
	7-7/7.8c	CIL	remove this section, bioretention cells should not be mowed.		
60				Remove "and mowable by City maintenance"	JMM
				Also remove sentence "No plantings"	
61		CIL	Does this include bioretention? Require LID BMPs within the		JMM
01	7-7/7.8d		ROW to be engineered instead?	Remove section D	JIVIIVI
62	7.8 e	SD	Add to current standards	Will incorporate	JMM
63		AS	Add infiltration requirements	Will discuss at next meeting	JMM