	Potential Future Task Item (2016 Suggestions. Doesn't include items on 2017 Task Order)	Cost Range (Freese and Nichols Estimate)	Comment Added By	Votes 2016
1	**Construction of water quality BMPs** – It was mentioned at the IIS meeting that there could be some benefit to COG funding or partnering with a City to fund the construction of several BMPs that could be shown as field examples with availability of design, installation, maintenance, and inspection inspection.	$15k-$30k for design	iSWM Subcommittee & FNI (2016)	2
2	**Economic benefits of iSWM –** Want to continue to address the point that iSWM provides an economic benefit. One area in particular that could be looked at in more detail is streambank protection and the savings in hard armoring in the future.	$20k	iSWM Subcommittee & FNI (2016)	2
3	**Additional specifications and details for site development controls** – There is hesitation that developers and contractors in the region will not know how to install the site development controls. The schematics in the manual are a good start but many want the specifications and details to the level of the NCTCOG Construction Standard Details book. In the 2017 Task Order, 10 schematics were converted into Construction Control Standard Details.	$10k per detail	iSWM Subcommittee & FNI (2016)	2
4	**Re-evaluate 85th Percentile (1.5") Rainfall Requirements –** Review rainfalls depths and percentiles that other Texas cities are using to treat water quality. Use updated rainfall data to calculate regional percentile storm events. Write a report on the findings to present to the IIS for feedback.	$10-$25k	iSWM Subcommittee & FNI (2016)	2
5	**Reorganize/Re-evaluate Site Development Controls –** Hold 2 to 3 meetings with technical members of the IIS to discuss new BMP technologies and BMPs that could be removed from the current document. There are currently 28 unique Site Development Control technologies recommended in the iSWM Technical Manual. Reformat the Site Development Controls section of the Technical Manual based on IIS feedback to make it easier to follow and use.	$20k-$40k	iSWM Subcommittee & FNI (2016)	1
6	**Provide additional detail and standards for proprietary devices** – Provide information on the specifications that should be considered for approval of a proprietary device and acceptable minimums that they should achieve.	$15k-$25k	iSWM Subcommittee & FNI (2016)	1
7	**Guidance on developing a regional detention program** – This is an option for water quality and could also be useful for streambank and flood control but many cities (especially those that are not yet developed who would most benefit) do not have adequate guidance on how to set up a regional detention program. Could gather data on methods to set up a public/private partnership and other means for regional detention.	$25k-$50k	iSWM Subcommittee & FNI (2016)	0
8	**Update Technical Manual rainfall intensities** ~~– A new USGS report released in 2004 is an extension of the Asquith report from 1998 that was used to determine iSWM intensity values and is being used by TxDOT. Several people have asked why the iSWM intensities do not match those of TxDOT. We would perform a comparison on the intensity values and determine if an update is warranted. If it is determined to be warranted the tables in the Hydrology TM would be updated.~~ Evaluate whether iSWM intensity values should be updated with the released Atlas 14 Values.	< $10k	iSWM Subcommittee & FNI (2016)	0
9	**Add more detail on maintenance and inspection** – Still a need in the region for more information on maintenance costs and variability. Could research long standing applications and gather maintenance data/records/costs/methods. We could include some best practices in developing and tracking a cities maintenance and inspection program. Could also look outside of Texas for more long standing applications.	$20k-$40k	iSWM Subcommittee & FNI (2016)	0
10	**Add natural channel and volumetric detention guidance –** These are currently areas where the Technical Manual is lacking. The City of Austin may have some knowledge to help iSWM in this area.	$20k	iSWM Subcommittee & FNI (2016)	0
11	**Technical Meeting of iSWM Adopters -** Form a technical group of staff members from communities that have adopted iSWM, and conduct 2 to 3 meetings to discuss the challenges or problems experienced under the program and possibly solutions.	$10K-$20k	iSWM Subcommittee & FNI (2016)	0

	Additional Future Potential Items - 2017	Cost Range Estimate (TBD)	Comment Added By
12	iSWM Designation Implementation Workshop - Host # workshops with a team of engineers and a limited amount of participants (communities) to review their current ordinances and regulations to see where they qualify for iSWM Credit, and identify opportunities to incorporate iSWM criteria.	TBD	Derica Peters - NCTCOG
13	Utilize consultant services to continue the updates to the materials presented in the Pollution Prevention During Construction Course, which is to be refined into a 2-part course with seperate materials for Plan Review Staff, Engineers, and Inspection Staff.	TBD	Derica Peters - NCTCOG
14	Provide technical assistance to the design and construction of selected BMP devices to be used as a demonstration project. Similar to San Antonio River Authority program.	TBD	Ben Pylant - Halff
15	Provide additional guidance and examples showing how to incorporate a forebay into the normal pool, and a discussion on how to design the forebay (height of wall/length of forebay/depth for max settlement/direction of flowpath etc.)	TBD	Howard Redfearn-Mansfield
16	Hydrologic Mimicry - Provide cases studies and guidance on greenfield/greyfield development scenarios to create mimicry guidances and set target goals for volume management. This would be complimentary or perhaps an alternative to 85th percentile storm event.	TBD	Ben Pylant - Halff
17	iSWM Principals Regional Review - In the spirit of highlighting the benefits of iSWM, it might be helpful to create a watershed based inventory of iSWM principals being utilized by communities in the NCTCOG region. For instance, which communities have detention control, which have water quality requirements, etc. We would propose to use the current iSWM Certification Criteria and select a few items to review for the NCTCOG region communities. The map could help with engagement opportunities to show how policies impact upstream and downstream communities. This data could be collected through a survey of communities to see who is using iSWM measures.	TBD	Ben Pylant - Halff and Derica Peters - NCTCOG
18	Continue outreach to communities, including meetings with City Managers and city staff, and develop a 5-Year Outreach and Implementation Strategy.	TBD	Ben Pylant - Halff and Derica Peters - NCTCOG
19	Videos highligthing and describing iSWM BMP installations.	TBD	Derica Peters and iSWM Subcommittee
20	Update website to focus content on differect audience types: general public, city staff, private developers, etc.	TBD	Derica Peters and iSWM Subcommittee