

## North Central Texas Council of Governments

### SUMMARY

#### iSWM Implementation Subcommittee

Tuesday, April 14, 2026  
1:30 p.m. In person at NCTCOG offices.

**Chair:** Ranjan Muttiah, City of Fort Worth  
**Vice Chair:** Travis Attanasio, City of Burleson

#### 1. Welcome and Introductions

Katie Hunter (NCTCOG) welcomed attendees to the meeting and facilitated introductions by going around the room to allow participants to introduce themselves.

#### ACTION ITEMS

2. **Approval of January 13, 2026, Meeting Summary.** The meeting summary will be presented to the subcommittee for approval: [Summary](#).

Katie displayed the draft summary for the group's review. Following discussion, Mike Linder formally approved the draft, and Grace Darling seconded the motion, indicating consensus to move forward with the summary as presented.

3. **Approval of FY26 Roster:** [Roster](#).

Katie displayed the current roster, and the group noted an update indicating that Bill Smith is no longer with the City of Weatherford. A motion to approve the roster update was made by Travis and seconded by Amesha, reflecting agreement from the group to proceed with the revised roster.

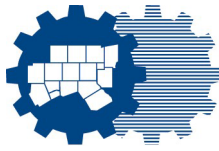
#### DISCUSSION ITEMS

4. **Sustainable Development & Innovative Infrastructure Funding Programs** Sydnee Mangini, NCTCOG Transportation.

Sydnee Mangini (NCTCOG Transportation) gave a presentation and provided an overview of the Land Use and Mobility (LUMO) team, whose mission is to expand travel choices beyond the automobile by integrating transportation, land use, and development strategies. The presentation focused specifically on the team's implementation branch and highlighted key initiatives that support multimodal transportation and sustainable development outcomes.

A major focus was the Sustainable Development and Construction Funding Program (SDCFP), which was established in 2001 by the Regional Transportation Council (RTC) to respond to increasing travel demand and the need for more diverse transportation and development choices. The program supports projects across all transportation modes with an emphasis on the intersection of land use and mobility. Four funding rounds have resulted in nearly 100 funded projects—primarily infrastructure investments—with the RTC investing close to \$200 million. Benefits from projects funded between 2006 and 2010 were highlighted, and staff noted that the program is currently being evaluated, with an updated report expected later this year. While SDCFP outcomes have historically focused on air quality benefits, the evaluation will also assess changes in project value over time. A bundled policy framework supporting the program was also referenced.

The presentation also covered the Blue-Green-Gray (BGG) Funding Program, which was developed to support smaller-scale, highly replicable projects that communities across the region can implement. The



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program has completed four funding rounds, awarding 12 projects that focus on green stormwater infrastructure (GSI) elements such as bioswales and rain gardens. Funded projects are required to produce a final report documenting implementation and outcomes. Eligible applicants must be located within the 12-county Metropolitan Planning Area, and projects must generally occur within the public right-of-way. Replication is a key goal of the program, with pilot projects—including the use of expanded shale in rain gardens—intended to advance both field application and supporting research, such as laboratory testing conducted at UTA. Examples discussed included the DART Hatcher Station and Dallas Bottom District projects, where bioswales were installed to address localized flooding while also enhancing streetscape aesthetics. The BGG program supports both design and implementation efforts, and a future funding round may be announced in the coming years.

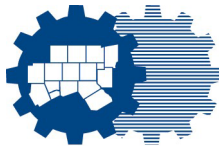
**5. FY26 Work Program Update** Randy Peterman (Halff Associates) will provide updates on the FY26 iSWM work program and suggested iSWM website updates.

Randy Peterman (Halff Associates) provided an overview of their ongoing support for the iSWM Program, reaffirming their role in helping NCTCOG and participating communities implement and refine regionally consistent stormwater standards. The presentation included a refresher on what iSWM is and how it promotes consistency across jurisdictions, particularly in addressing water quality, flooding, and downstream impacts through shared technical criteria. Several task updates were provided, including completion of Task #2, which concluded a few months ago with a presentation and a follow-up memo delivered to COG, and Task #3, which involved a virtual Clean Coast Texas presentation. Tasks #4 and #5 are currently in progress and focus on a review of research related to proprietary inlet protection devices as well as a case study on the City of Denton's water quality monitoring program; deliverables will include a memo and summary that could serve as a model for other communities. Task #6 emerged from earlier discussions and centers on future updates and modernization priorities for the iSWM program, with interest in revisiting findings from a 2018 survey on the most commonly adopted criteria and potentially updating that assessment.

Additional discussion focused heavily on Task #2, which researched the cumulative impacts of small-footprint developments, including analysis conducted using data and models from the City of Fort Worth. That effort examined whether the impacts of highly developed parcels—often built out to 90 percent impervious cover—could be offset through the use of bioretention and other stormwater controls. Findings indicated that while offsets are possible in some cases, they become increasingly difficult on a parcel-by-parcel basis as development intensity increases, reinforcing the importance of looking at cumulative and downstream effects rather than isolated sites.

The conversation also included extensive recommendations for improving the iSWM website to enhance usability, transparency, and alignment with MS4 permit needs. Suggested updates included adding a search bar, simplifying navigation, freezing the top row for better visibility, revising or removing outdated text, moving announcements and latest news to the front page, and reorganizing links to iSWM communities to connect directly to the existing GIS tool. Participants recommended pulling key information—such as how to join—from within PDFs and placing it directly on the website, adding links to legacy documents with clear disclaimers where content has no direct modern equivalent, and clearly dating research documents. Additional suggestions included reorganizing case studies, re-labeling iSWM examples as “other case studies,” and adding short summaries and descriptions to help users quickly understand relevance.

Several questions and discussion points centered on strengthening the educational and practical value of iSWM resources. Participants expressed interest in surfacing redevelopment-specific guidance and examples more clearly, noting that redevelopment case studies are currently buried and might be better integrated into training materials. There was also interest in tying guidance more intentionally back to MS4 permit requirements and restructuring the manuals so that individual features each have their own



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dedicated links, supported by associated guidance and case studies. Concerns were raised about superseded documents that still contain useful content—such as energy dissipation guidance—with suggestions to retain them on the site with appropriate disclaimers where no direct replacement exists. Further discussion emphasized the importance of more relatable and visually engaging case studies. While detailed examples like Rayzor Ranch are valuable, they may not resonate with smaller or more constrained communities, prompting interest in incorporating Blue-Green-Gray program examples and highlighting projects that show what worked, what did not, and what lessons were learned over time. Participants also raised questions about monitoring and long-term performance of BMPs, including whether maintenance and inspections are occurring on an ongoing basis. Additional ideas included better communicating benefits for different user groups (such as planners and engineers), providing practical tools like checklists tied to downstream considerations, improving visualization of underground infrastructure, and developing short explainer videos to show how systems are built and function over time. There was also interest in sharing information on actual project costs. Throughout the discussion, staff reiterated that water quality remains a core focus of the iSWM program, citing regional efforts such as work in the Hickory Creek watershed through TSI as examples of maintaining water quality at a broader, watershed scale as development continues.

- 6. FY27 Work Program Task Items** The subcommittee will discuss potential FY27 task items to be voted on in July.

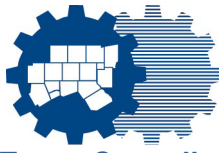
Discussion on iSWM manual updates focused on improving usability, clarity, and alignment with professional practice while maintaining consistency with existing stormwater certification programs. Participants noted that many elements of iSWM already align well with stormwater certification requirements, which can serve as an incentive for professionals seeking or maintaining those credentials and should be more explicitly acknowledged in the manuals. From a training perspective, the manuals were described as strong reference documents but less effective as “how-to” guidance for implementation, with one participant likening them to a high-school textbook that contains valuable definitions and concepts but relies heavily on professional insight and supplementary knowledge to apply effectively. There was interest in adding follow-up or new case studies to the iSWM materials to better demonstrate real-world application and outcomes. Halfp noted that specific manual updates are still to be determined and are currently in a scoping phase to identify priorities and opportunities. Modernization efforts were discussed as a key next step, with an emphasis on creating more functional, user-friendly resources rather than generating entirely new content. Suggested improvements included tools such as a specification or criteria “builder” that could pull relevant information dynamically, reducing reliance on dense text while still allowing access to supporting details through sidebars or follow-up links. Participants supported summarizing content to simplify navigation and comprehension, while retaining deeper technical guidance for those who need it. Additional recommendations included enhancing the website with interactive elements such as an input button.

### INFORMATION ITEMS

- 7. Regional Public Works Program Update** NCTCOG will provide an update on the FY26 Regional Public Works Program and the Regional Public Works Council By-Law Subcommittee.
- 8. TSI Study Upcoming Events** NCTCOG will provide information on upcoming TSI subarea meetings.
- 9. Regional Stormwater Management Coordinating Council Update** NCTCOG will provide an update on the FY26 Regional Stormwater Management Coordinating Council work program.

### OTHER BUSINESS AND ROUNTABLE DISCUSSION

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P.O. Box 5888, Arlington, Texas 76005-5888  
(817) 640-3300 FAX: 817-608-2372  
[www.nctcog.org](http://www.nctcog.org)



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### 10. Upcoming Events and Conferences

### 11. Upcoming NCTCOG Meetings

### 12. Future Agenda Items and Schedule for the Next iSWM Meeting (July 14, 2026- Virtual)

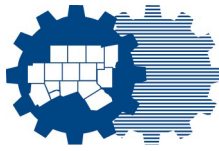
Discussion of future agenda topics focused on expanding opportunities for innovation, shared learning, and flexible approaches to stormwater management that go beyond traditional regulatory frameworks. Participants expressed interest in exploring new ideas, pilot approaches, and strategies that communities can test without immediately formalizing them as requirements. Green stormwater infrastructure was identified as a key topic area, with a suggestion to build on the TRWD green infrastructure “pitfalls” presentation delivered in March by expanding the discussion to include lessons learned, implementation challenges, and cautionary examples. There was also strong interest in featuring additional case studies at future meetings to highlight both successes and limitations of various approaches and to provide practical, real-world context for communities. The group also discussed adjusting the schedule and agreed to move the next meeting date to July 15, with consensus from all participants.

### 13. Roundtable Discussion

## ADJOURNMENT

### Attendance

Katie Hunter	NCTCOG
Christi Upton	NCTCOG
Madisson Dunn	NCTCOG
Erin Blackman	NCTCOG
Sydnee Mangini	NCTCOG
Travis Attanasio	City of Burleson
Scarlett Dinh	City of Arlington
Grace Darling	Arlington Conservation Council
Mike Linder	City of Denton
Stephanie Griffin	Halff Associates
Randy Bright	City of Colleyville
Randy Peterman	Halff Associates
Ava Playle	Forth Worth
Sam Sarker	Halff Associates
Jenny Lafoy	Halff Associates
Evyan Tankersley	Olssen
Mitchell Talley	City of Mesquite
Renee Esses	City of Coppell
Kevin Glaub	LJA
Tyler Spence	City of Irving
Lee Stimpson	Consultant
Amesha Morris	Acorn Environmental
Randy Dueck	City of Waxahachie



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If you have any questions regarding the meeting or agenda items, please contact Katie Hunter at (817) 695-9102 or [khunter@nctcog.org](mailto:khunter@nctcog.org).

If you plan to attend this public meeting and you have a disability that requires special arrangements at the meeting, please contact Ashley Barnett at (817) 695-9231 or [abarnett@nctcog.org](mailto:abarnett@nctcog.org) at least 72 hours in advance of the meeting. Reasonable accommodation will be made to assist your needs.

DRAFT