February 19, 2024

KANSAS DEPARTMENT OF TRANSPORTATION

STORMWATER MANAGEMENT PLAN

Permit(s) Effective: December 1, 2019 to November 30, 2024

Submitted by
Greg Schieber
State Transportation Engineer

Applicable Permits:

Kansas City: M-KS27-SU01
Lawrence: M-KS31-SU02
Topeka: M-KS72-SU02
Manhattan: M-KS38-SU01
St. Joseph: M-MO05-SU01
Wichita: M-AR94-SU02

Kansas Department of Transportation

Dwight D. Eisenhower State Office Building
700 S.W. Harrison Street
Topeka, KS 66603-3745
Calvin Reed, Secretary
Robert Fuller, Chief, Bureau of Maintenance

Kansas
Department of Transportation
Bureau of Maintenance

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http://www.ksdot.org
Laura Kelly, Governor

February 19, 2024

Kansas Department of Health and Environment
Bureau of Water/Municipal Programs Unit
1000 SW Jackson St., Suite 420
Topeka, KS 66612-1367

To Whom It May Concern:

Please find included in this submittal, the 2023 Annual Report and Stormwater Management Plan (SMP) prepared in compliance with the requirements of the following Municipal Separate Storm Sewer System (MS4) permits issued by the Kansas Department of Health and Environment (KDHE):

- M-KS27-SU01, Kansas City Urbanized Area
- M-KS31-SU02, Lawrence Urbanized Area
- M-KS72-SU02, Topeka Urbanized Area
- M-KS38-SN01, Manhattan Urbanized Area
- M-AR94-SU02, Wichita Urbanized Area
- M-MO05-SU01, St. Joseph Urbanized Area

All activities completed during this reporting period towards implementation of Best Management Practices (BMPs) and progress towards Measurable Goals (MGs) are identified and documented in KDOT's 2023 SMP. Note that documentation unique to a respective urbanized area is identified in the SMP; otherwise, the activities and documentation apply across all urbanized areas.

The Point Total summaries document the BMPs and MGs per each Minimum Control Measure (MCM). If applicable to KDOT, each BMP includes a reference tying back to the measurable goal. A table is included at the bottom of each Point Total summary that documents the available, required, and claimed points per MCM. The 2023 SMP documents BMPs that KDOT claimed per each MCM for the 2023 permit year. Each BMP includes a description of the practice, as well as MGs to identify progress towards achieving the purpose of the BMP. The report is formatted such that each claimed BMP includes a description of the actions KDOT is taking to implement the goal. Outside of the SMP, KDOT maintains supporting documents for each BMP. While these supporting documents are not included as part of this package, they are available upon request.

This approach provides a thorough and continuous review of KDOT's SMP by actively using the document for MS4 compliance. The Effectiveness Report for the calendar year 2023 is also included in the documentation. Please advise if additional information is needed regarding the documentation presented for the 2023 Annual Report period.

Sincerely,

Robert Fuller, Chief
Bureau of Maintenance
Kansas Department of Transportation

Executive Summary

All activities completed during this reporting period towards implementation of Best Management Practices (BMPs) and progress towards Measurable Goals (MGs) are identified and documented in KDOT's 2023 Stormwater Management Plan (SMP). The Effectiveness Report for calendar year 2023 is also included in the documentation. Note that with each BMP summary is included a "2023 Annual Report Update" to describe specific activities during the annual reporting period. The SMP is organized by Minimum Control Measure in the following format:

- BMP Description
- Annual Report Update
- Point Total Summary
- Documentation Summary

Please note that additional documentation is available on request. This annual report is applicable to the following KDOT MS4 permits:

- M-KS27-SU01 (Kansas City)
- M-KS72-SU02 (Topeka)
- M-MO05-SU01 (St. Joseph)
- M-KS31-SU02 (Lawrence)
- M-KS38-SU01 (Manhattan)
- M-AR94-SU02 (Wichita)

KDOT will continue to use the SMP as a living document, updating through the permit period with the annual reporting process. Key highlights of this reporting period include:

- Continued successful management of sediment and erosion control through our Construction Stormwater program including establishing grass and native plantings within KDOT's right-of-way and the installation of rock riprap to stabilize slopes and reduce erosion.
- Implementation of KDOT's Stormwater Control Measures Manual for post construction stormwater management. The manual was implemented on January 1, 2022 for projects that are at or less than 20% design process and usage continued throughout 2023 on several projects.
- Continued updates to KDOT's Stormwater Management informational web page offering stormwater and illicit discharge pollution awareness information to the general public. Additional steps were taken to further educate members of the KDOT Community (employees or contractors) by creating education resources for display in KDOT owned facilities.
- Continued stormwater training to KDOT employees to promote stormwater awareness, including general training, Spill Prevention Control and Countermeasure Plan training, and illicit discharge training.

MEMO

Kansas
Department of Transportation

DATE: January 3, 2024
TO: Kansas Department of Health & Environment
FROM: Kansas Department of Transportation,
MS4 Permit Compliance Team RAF
RE: Report on Effectiveness of Source Controls and Structural BMPs to Attenuate Pollutant Discharge and Achieve the Measurable Goals.

Eisenhower State Office Building
700 S.W. Harrison Street
Topeka, KS 66603-3745
kdot#publicinfo@ks.gov
http://www.ksdot.gov

The purpose of this memorandum is to fulfill the requirements of Kansas Permit No(s). M-KS-27-SU01, M-KS31-SU02, M-KS72-SU02, M-KS38-SU01, M-MO05-SU01, MAR94-SU02, Part IV.E. This requires KDOT to provide a report that includes the following information:

- Statement of effectiveness of source controls and structural BMPs to attenuate pollutant discharge and achieve the measurable goals.
- Summarize water quality data from in-stream monitoring sites (not required by KDOT effective permit).

KDOT will implement Stormwater Control Measures (SCM) per the requirements of Part I.C.5, and as described in KDOT's effective SCM manual. This will evaluate opportunities for SCM implementation, consisting of both structural and nonstructural BMP options, within existing KDOT maintained right-of-way within the urbanized area as described in the effective permit. The adjoining land is managed by other jurisdictions, under a separate permitting authority. KDOT only has jurisdiction within the limits of its right-of-way to build, operate, and maintain SCMs. This implementation achieves the measurable goals as defined in the effective permit(s) for Minimum Control Measure 5.

Surface water monitoring and reporting is not required of KDOT, as stated in Part II of the effective permits. KDOT is meeting TMDL measurable goals to the maximum extent practicable through implementation of SCMs as part of KDOT projects within the permit areas, over a period of time.

In addition, KDOT will continue to implement temporary source controls to achieve the measurable goals as defined in the effective permit(s) for Minimum Control Measure 4. This includes developing an erosion and sediment control plan for projects disturbing 1 acre or more of land, development and use of an erosion and sediment control manual, procedures for inspections of construction sites, and training on SWP2 requirements and BMP implementation.

MCM1: Public Education and Outreach

KDOT has implemented a public education and outreach program to inform the public about stormwater management and the importance of reducing pollutants in MS4 areas.

Reference Table 1.1 below for a list of available BMPs for implementation and their respective descriptions per KDOT's MS4 permit.

Table 1.1 - Available BMPs

Lbmp P Ed&O	KDOT Applicability		Description
	Existing	Future	
01	Yes	Yes	Maintain a stormwater webpage
02	Yes	Yes	Distribute educational materials addressing stormwater
03	No	No	Provide training or educational materials to permittee identified businesses
04	No	No	Apply "No Dumping – Drains to River" message, or similar, on stormwater inlets
05	Yes	Yes	Post MS4 permit and SMP document on stormwater webpage
06	Yes	Yes	Provide stormwater hotline or web-based method for public reporting of illicit discharges
07	No	No	Provide educational material annually to at least four groups
08	No	No	Provide stormwater education for students within permittee's jurisdiction
09	Yes	Yes	Operate an information booth at a large public event
10	No	No	Provide training or educational materials to lawn/turf care services addressing BMPs
11	No	No	Adopt a public education program to reduce littering
12	Yes	Yes	Create a stormwater information brochure to provide at public meetings & hearings
13	Yes	Yes	Operate an adopt-a-highway program to utilize public volunteers
14	No	No	Hold a media campaign addressing pertinent stormwater topics
15	No	No	Participate in a social media program on stormwater topics
16	No	No	Operate an information booth intended to improve public understanding of water quality
17	No	No	Operate an adopt-a-street program to utilize public volunteers

BMPs identified as applicable to KDOT are described in the following subsections.

Lbmp P Ed&O - 1: Maintain a Stormwater Webpage

Measurable Goal: Include up-to-date information, document monthly checks, and summarize changes

Established in 2003, KDOT's Stormwater Management Program's (SWMP) purpose is to prevent and/or reduce pollution in stormwater runoff. The following subpages can be found within KDOT's stormwater webpage:

- SWMP Home.

  Illicit discharge information including a general overview, an educational video (in both English and Spanish), and methods on reporting illicit discharge. The KDOT MS4 Fact Sheet is on the SWMP homepage.

  Link: https://www.ksdot.org/bureaus/burMaint/StormWater/default.asp

- MS4 Public Education.

  The MS4 Public Education subpage provides educational material for the public regarding stormwater pollution prevention awareness. KDOT provides information regarding stormwater runoff and why eliminating litter and preventing illicit discharge is important with regards to water quality. KDOT also included additional steps the public can take to help eliminate and/or reduce stormwater pollutants.

  Link: https://www.ksdot.org/bureaus/burMaint/StormWater/MS4PubEd.asp

- MS4 Storm Water Outfall Inventory Map.

  The MS4 Storm Water Outfall Inventory Map subpage includes PDF maps that depict outfalls of stormwater infrastructure into streams, lakes, and wetlands. Each map refers to a respective urbanized area.

  Link: https://www.ksdot.org/bureaus/burMaint/StormWater/SWOutfallInventMaps.asp

- Annual Report and Stormwater Management Plan (SMP)

  The Annual Report and Stormwater Management Plan subpage includes a link to the effective Stormwater Management Plan (2022) and will be updated to include the 2023 report in 2024.

  Link: https://www.ksdot.org/bureaus/burMaint/StormWater/SWMPlan.asp

- Past Annual Reports

  The Past Annual Reports subpage has links to Annual Reports for each permit from 2015-2020.

  Link: https://www.ksdot.org/bureaus/burMaint/StormWater/SWAnnualReports.asp

- Best Management Practices.

  The Best Management Practices subpage describes structural and non-structural examples of Best Management Practices (BMPs). These BMPs help reduce and/or eliminate pollutants from entering MS4s. A MS4 Fact Sheet discussing protecting Kansas Waterways is on this page.

  Link: https://www.ksdot.org/bureaus/burMaint/StormWater/BMPs.asp

- Construction Stormwater and Pollution Control.

  The Construction Stormwater and Pollution Control subpage includes links to manuals, documents, forms, and other websites KDOT uses to manage stormwater runoff from construction activities.

  Link: https://www.ksdot.org/bureaus/burConsMain/Connections/swppp.asp

- Links.

  The Links subpage includes links to websites that supplement activities in KDOT's SWMP, including but not limited to KDOT's Adopt-a-Highway Program, Kansas Department of Environment and Health Stormwater Program, US EPA, and FHWA Stormwater Resources.

  Link: https://www.ksdot.org/bureaus/burMaint/StormWater/links.asp.

2023 Annual Report Update

During the 2022 permit year, KDOT added an additional page to house the current SMP, leaving past reports as an archive on a separate page. The 2022 report was posted on that page in January 2023 and was available for 11 months.

The active link to the Stormwater Management Program website is https://www.ksdot.org/bureaus/burMaint/StormWater/default.asp .

During the 2023 permit year, the analytics data for KDOT's webpages switched platforms and there is no available backward-looking data for the calendar year 2023 available. The new platform will provide webpage views for 2024. All links were checked and validated as part of this annual report update.

Lbmp P Ed&O - 2: Distribute Education Materials Addressing Stormwater

Measurable Goal: Number distributed annually shall equal or exceed the most recent US Census Bureau decennial housing units value for the permit area, document both number distributed and housing units value

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT maintains a website that addresses Public Education and Outreach and discusses the public's role in stormwater management and includes practical steps for the general public to follow. There is a training video posted on the website in both English and Spanish.

Link: https://www.ksdot.org/bureaus/burMaint/StormWater/MS4PubEd.asp

2023 Annual Report Update

During the 2023 permit year, KDOT's Stormwater webpages were reviewed and updated. Additional educational materials were added – Stormwater Control Measures Fact Sheets and MS4 Fact Sheets.

https://www.ksdot.gov/Assets/wwwksdotorg/bureaus/burMaint/Stormwater/pdf/2023/MS4_FactSheet_Staff.pdf

https://www.ksdot.gov/Assets/wwwksdotorg/bureaus/burMaint/Stormwater/pdf/2023/MS4_FactSheet_SCM_Factsheet.pdf

Lbmp P Ed&O - 5: Post the MS4 Permit and SMP Document on the Stormwater Webpage

Measurable Goal: Must be posted for at least 6 months of the year

The MS4 permits and 2022 Stormwater Management Plans can be found on KDOT's Stormwater Management Program webpages linked below:

Permits: https://www.ksdot.org/bureaus/burMaint/StormWater/NPDES.asp

SMP: https://www.ksdot.org/bureaus/burMaint/StormWater/SWMPlan.asp.

2023 Annual Report Update

For the 2023 permit year, KDOT uploaded the 2022 Stormwater Management Plan to the website in January and it was posted for 11 months of the year.

The active link to the Stormwater Management Plan subpage is https://www.ksdot.org/bureaus/burMaint/StormWater/SWMPlan.asp.

The MS4 permits are available on the NPDES subpage: https://www.ksdot.org/bureaus/burMaint/StormWater/NPDES.asp.

Lbmp P Ed&O - 6: Provide Stormwater Hotline or Web-Based Method for Public Report of Illicit Discharges

Measurable Goal 1: Respond to all reported complaints within 10 days

Measurable Goal 2: Resolve or set a schedule for resolution within 20 days

The public is instructed to report illegal dumping to Kansas Department of Health and Environment's (KDHE) Spill Reporting Number: 1-785-291-3333. For suspected illicit discharge within KDOT's right-of-way, the public is advised to send an email to KDOT.MS4@ks.gov. The subject line for these emails should read "Illicit Discharge Reporting".

KDOT documents response to illicit discharge complaints in a log.

2023 Annual Report Update

For 2023, there were no emails received. The email address was tested. KDOT has not received any stormwater issue emails to the general public email inbox.

Lbmp P Ed&O - 9: Operate an Information Booth at a Large Public Event

Measurable Goal 1: Operate an information booth at a large public event, (such as a sports event, fair, or music festival) where at least an estimated 1,000 or more individuals attend.

Measurable Goal 2: Alternately, operate an information booth at multiple public events, (such as a sports event, fair, or music festival) where a cumulative estimated total of 3,000 or more individuals attend.

Measurable Goal 3: And finally, a single point can be claimed for operating an information both at a public event where at least an estimated 200 or more individuals attend.

2023 Annual Report Update

KDOT staffs a booth during the Kansas State Fair in Hutchinson. In 2023, about 40 KDOT staff members volunteered to man the booth during the Fair from September 8-17, 2023. Beyond being available for questions, KDOT staff distribute brochures, maps and other take away materials to the public. Fair attendees are able to ask questions about specific projects and leave comments for KDOT. 400 Stormwater informational brochures were available for the general public to take. In 2023, the attendance was measured at 330,044.

Lbmp P Ed&O - 12: Create a Stormwater Information Brochure to Provide at Public Meetings & Hearings

Measurable Goal: Have multiple copies of the brochure available during at least 10 meetings.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT developed a brochure to educate the public about the Adopt-a-Highway program. This brochure provides information to help keep participants safe while volunteering to keep Kansas clean. Topics highlighted in this brochure include the following:

- What can I do?
- Be on the alert
- What to wear
- Things not to do
- Helpful hints
- Weather

The Adopt-a-Highway brochure is available to the public via KDOT's Adopt-a-Highway program webpage here: https://www.ksdot.gov/Assets/wwwksdotorg/PDF_Files/ADOPT_a_HIGHWAY_Brochure.pdf

In addition, KDOT developed and has made available in maintenance yards throughout the state an MS4 Fact Sheet that outlines the importance of protecting Kansas waterways. The sheet has three sections specifically targeting KDOT staff (internal KDOT Community):

- We all play a role
- What can you do?
- Why does this matter?
- An additional section with details about how to learn more with website information and a QR Code to scan

2023 Annual Report Update

For the 2023 permit year, KDOT made the Adopt-a-Highway brochure available to the public here: https://www.ksdot.gov/Assets/wwwksdotorg/PDF_Files/ADOPT_a_HIGHWAY_Brochure.pdf

The MS4 Fact Sheet about protecting waterways was distributed to the District Maintenance Yards and posted in locations throughout Kansas. It is available on the website at the following link: https://www.ksdot.gov/Assets/wwwksdotorg/bureaus/burMaint/Stormwater/pdf/2023/MS4_FactSheet_Staff.pdf.

Lbmp P Ed&O - 13: Operate an Adopt-a-Highway Program to Utilize Public Volunteers

Measurable Goal: Volunteers shall clean at least a two-mile segment of road within permit area, at least once per year

KDOT offers the following programs to address litter and debris along Kansas highways:

Adopt-a-Highway

Established in 1989, KDOT's Adopt-a-Highway program encourages citizens to volunteer to pick up litter and trash along state highways. Volunteers are required to pick up litter at least three times for a two-year period. Participants range from families to organizations such as youth groups, businesses, etc. Two-mile segments are the most common, but three-mile and one-mile segments are also an option depending on if it's an urban or rural setting.

Interested groups must complete an application and a release form. Signed by all participants within each group, the release form requires volunteers to agree to remove litter and trash a minimum of three times a year for a two-year period. The release form is then submitted to the nearest KDOT office. Groups who wish to reapply must complete a renewal form.

Additional information regarding the program, including the application form, renewal form, and safety video, can be found here: https://www.ksdot.org/bureaus/burMaint/Adoptahighway.asp.

Sponsor-a-Highway

KDOT's Sponsor-a-Highway program allows business to advertise their company name and logo within view of commuters. In return, the money raised from sponsorships funds litter removal on state highways. It ultimately results in cleaner and improved highways. Benefits of participating in this program include recognition as environmental supporters who support community responsibility.

Additional information regarding the program can be found here: https://www.ksdot.org/bureaus/burMaint/sponsorahighway.asp.

2023 Annual Report Update

During the permit year 2022, a stipend program was developed and was continued in 2023. From KDOT's website, "With increased amounts of trash along the highways and limited staff, the Kansas Department of Transportation has created an incentive stipend for groups that actively participate in the program. The stipend is $190 per highway section, which is generally two miles long."

More information can be found here: https://www.ksdot.org/bureaus/burMaint/Adoptahighway.asp

Table 1.2 summarizes litter program activity for the permit period.

Table 1.2 - 2023 Summary of Program Activity

Urbanized Area	Adopt-A-Highway Number of Groups	Sponsor-A-Highway Number of Groups
Kansas City	11	19
St. Joseph	2	0
Lawrence	5	1
Topeka	7	1
Manhattan	4	0
Wichita	7	4

Kansas Department of Transportation

Stormwater Management Plan

Minimum Control Measure:
Public Education & Outreach

Permit Year:
2023

BMP	Summary	Measurable Goal	KDOT Availability		Reference	Claimed	
			Applicable	Points		2023	Points
Lbmp P Ed &O - 01	Maintain a stormwater webpage	Up-to-date information, all links effective and valid. Check links monthly. Document monthly checks in log book and indicate changes with summaries.	Yes	2	KDOT's Stormwater Management Program	☑	2
Lbmp P Ed &O - 02	Distribute educational materials (can include emails) addressing stormwater	Number distributed annually shall equal or exceed the most recent US Census Bureau decennial house units value for the permit area. Document US Census value, numbers distributed, keep copies of all items distributed on file	Yes	2	Stormwater Fact Sheets	☑	2
Lbmp P Ed &O - 05	Post the MS4 permit and SMP document on either the stormwater web page or the municipal webpage	Must be posted for at least 6 months of the year to claim 1 point.	Yes	1	KDOT's Stormwater Management Plan	☑	1
Lbmp P Ed &O - 06	Provide a stormwater hotline or web based method for public reporting of illicit discharges	Respond to all reported complaints within 10 days; if valid resolve or set a schedule for resolution within 20 days	Yes	2	KDOT's Reporting of Illicit Discharge	☑	2
Lbmp P Ed &O - 09	Operate an information booth at a large public event where at least an estiamted 1K or more individuals attend; or at multiple where cumulative total of 3K or more individuals attend. One point for operating an information booth at a public event with at least 200 or more individuals.	Provide information about storwmater topics.	Yes	2	Kansas State Fair; 40 KDOT staff; 400 Stormwater brochures; attendance at event 330,044	☑	2
Lbmp P Ed &O - 12	Create a stormwater information brochure to provide to the public at meetings and/or hearings.	Have multiple copies of the brochure available during at least 10 meetings or hearings open to the public during the year. Provide the brochures to the public at no charge.	Yes	1	Adopt-a-Highway Brochure	☑	1
Lbmp P Ed &O - 13	Operate an adopt a highway program to utilize public volunteers to clean road right-of-way.	Volunteers shall clean at least a two-mile segment of road either within the permit area or adjacent to the permit area. Alternately multiple spots shich are cleaned and equate to or exceed a two-mile road clean-up can qualify for a point.	Yes	1	Adopt-a-Highway -Yearly announcement encouraging people to sign up -Litter cleanup Sponsor-a-Highway -Businesses pay a monthly fee to advertise on highway -Fee covers picking up trash	☑	1

2023 - Public Education & Outreach	
Available Points	11
Requirement	7
Claimed Points	11
Meets Requirements	Yes

STORMWATER MANAGEMENT PROGRAM

SWMP Home
MS4 Public Education
Best Management Practices
Stormwater Outfall Inventory
Stormwater Control Measure SCM
Annual Report and SMP
Past Annual Reports
NPDES
Construction Stormwater and Pollution Control
Links

MS4 Public Education & Outreach

KDOT provides training to our staff and consultants. Materials are available for the public's stormwater water pollution prevention awareness.

Stormwater Runoff
KDOT controls runoff by utilizing Best Management Practices such as vegetative swales and sedimentation ponds, but these efforts do not completely eliminate the pollutants introduced into water sources by storm water runoff.

Site managers should ensure compliance with KDOT's storm water management program for construction sites.

Stormwater Management Program
The public's role in the Stormwater Management Program can further reduce the levels of pollution found in our water resources by taking the following actions.

Eliminate litter - Litter can originate on roadways and end up in streams. First, eliminate personal littering. Then, participate in the Kansas Adopt-A-Highway program.

Prevent illicit discharge - Because there is generally no treatment of storm water before it enters into a receiving stream, any illegal connection, dumping or tie-in to a storm sewer is considered an illicit discharge.

Examples include:

- Sanitary wastewater (sewage)
- Septic tank waste
- Car wash, laundry and industrial wastewater
- Improper disposal of automotive fluids and household toxins including motor oil, antifreeze or pesticides
- Spills on roadways or other accidents
- Contaminated groundwater

Additional Steps

- Dispose of all trash and recyclables in the proper receptacles and never place trash next to a full container
- Take used oil to a local quick lube, auto shop or your municipal collection center
- Carry a plastic bag when walking pets and dispose of pet waste in a trash can
- Wash your car on your lawn so excess water, chemicals and dirt are filtered through grass and vegetation
- When backpacking, bury human waste in a hole eight inches deep and at least 55 yards from a water source
- When playing at the beach, change a baby's diaper before swimming and use swim diapers for infants
- Install garbage bins on your boat and never dump waste into the lake

Illicit Discharge Awareness Video

- Illicit Discharge (10 min.)
- Illicit Discharge (Spanish - 10 min.)

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To request an alternative accessible format of a KDOT publication, please contact Division of Communications : Eisenhower Building - 700 SW Harrison, 2nd Floor West, Topeka, KS, 66603-3745, or (785) 296-3585 (Voice)/Hearing Impaired - 711.

STORMWATER MANAGEMENT PROGRAM

SWMP Home
MS4 Public Education
Best Management Practices
Stormwater Outfall Inventory
Stormwater Control Measure SCM
Annual Report and SMP
Past Annual Reports
NPDES
Construction Stormwater and Pollution Control
Links

Stormwater runoff is . . .

any water that is not soaked into the ground after a rain storm. Consequently, stormwater runoff can pick up pollutants while flowing into local streams and rivers. The Stormwater Management Program (SWMP), launched in 2003, is KDOT's inter-agency effort to control pollutants in stormwater discharge. By unifying a cross section of KDOT programs, such as training, planning, maintenance, construction and facilities management with a common focus on water quality issues, KDOT complies with the Clean Water Act requirements administered by the Kansas Dept. of Heath and Environment while reducing pollutants from Kansas' storm sewer system. KDOT created the SWMP in response to being regulated as a Municipal Separate Storm Sewer System (MS4). The MS4 designation invokes federal legislation that mandates all municipalities reduce the quantity of pollutants from stormwater runoff.

Protect Kansas' Waters by Reporting Illicit Discharges

Report illegal dumping to Kansas Department of Health and Environment's Kansas Spill Reporting Number:

1-785-291-3333

Illicit discharges include dumping of automotive fluids, sanitary sewage or septic system drainage, hazardous chemicals or dumping of trash on the right-of-way and may all lead to water pollution. KDOT is committed to identifying and eliminating them through the SWMP. These discharges can be a public health concern, cause unpleasant odors, and harm aquatic life.

Illicit Discharge Awareness Video

Illicit Discharge (brief video 30 sec.)
Illicit Discharge (Spanish - brief video 30 sec.)

KDOT MS4-Fact Sheet

The Public is encouraged to report any suspected Illicit Discharge on KDOT right-of-way at
KDOT.MS4@ks.gov
Subject Line: Illicit Discharge Reporting

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PROTECTING KANSAS WATERWAYS

We all play a role

When it rains or snow melts, water that falls on our roadways runs off either into storm drains or the edge of the roadway. This is known as **stormwater runoff**. Stormwater runoff picks up anything on the road, including trash, motor oil, road salt and other pollutants. These pollutants are then carried into the nearest river, creek or stream, contributing to water quality issues. By keeping our roadways clean, drivers help protect Kansas waterways.

KDOT's highways are served by two types of stormwater systems: rural systems, made up of ditches and culverts, and urban systems, made up of storm drains and pipes. In rural systems, the vegetation in the ditch helps to naturally filter out pollutants before the stormwater reaches the nearest waterway. In urban systems, pipes take stormwater directly to the waterway, typically leaving no opportunity to filter out pollutants.

What is KDOT doing to reduce stormwater pollution?

KDOT works to help protect the environment and improve water quality by:

- Inspecting KDOT's stormwater systems on a regular basis for potential illicit discharges.
- Requiring extra protection of the stormwater system at construction sites to prevent dirt and other construction waste from running off the site.
- Building stormwater control measures in urban systems to provide treatment of stormwater runoff before it enters waterways.
- Implementing best practices to minimize potential pollutants from KDOT operations and maintenance, such as minimizing the amount of salt applied to the roadway in the winter months.

What can you do to prevent stormwater pollution?

Put trash in a trashcan. In 2022, KDOT contractor IBS picked up over 100 tons of trash along highways in the Kansas City (KC) metro area. This is in addition to trash collected by KDOT employees and Adopt-A-Highway participants in KC and statewide. Also, maintain your vehicle to prevent any fluid leaks. Get involved!

How can I get involved?

- Participate in the Adopt-A-Highway program. Stipends of $190 per highway section are available to groups each time their designated area is cleaned. More information is on KDOT's Adopt-A-Highway website.
- Report spills or illegal dumping. If you accidentally spill any substance or see someone else pouring any substance onto the roadway or down a storm drain, report it to the Kansas Department of Health and Environment spill hotline at 785-291-3333.

What is illicit discharge?

An illicit discharge is when automotive fluids, hazardous chemicals or trash are purposely poured or dumped into the environment.

For more information about KDOT's Stormwater Management Program, go to **https://www.ksdot.gov/bureaus/burMaint/StormWater/default.asp**

Kansas Department of Transportation

KDOT IKE AT WORK

Adopt-A-Highway

Stipends now available to organizations participating in clean-up program

Kansas Department of Transportation

Organizations have been helping keep Kansas clean for more than 30 years through participation in the Adopt-A-Highway program. With limited staff and increased amounts of trash along the highways, the Kansas Department of Transportation has created an incentive stipend for groups that actively participate in the program.

The stipend is $190 per highway section, which is generally two miles long. Adopt-A-Highway groups receiving $600 or more in payments in a calendar year will be issued a 1099 tax form. Groups will be able to submit a request for payment after their highway cleanup is completed. The group will submit forms identifying the location, date, number of volunteers and number of bags as well as before and after photos of the site.

All groups go through the standard process to adopt a section of highway. New groups will sign an agreement, receive safety training information and follow procedures when scheduling a cleanup. Existing groups will continue to follow current procedures. State employees and their families are welcome to participate in a group, but are not eligible to receive stipends.

Contact information on back

Adopt-A-Highway

Stipends now available to organizations participating in clean-up program

Kansas Department of Transportation

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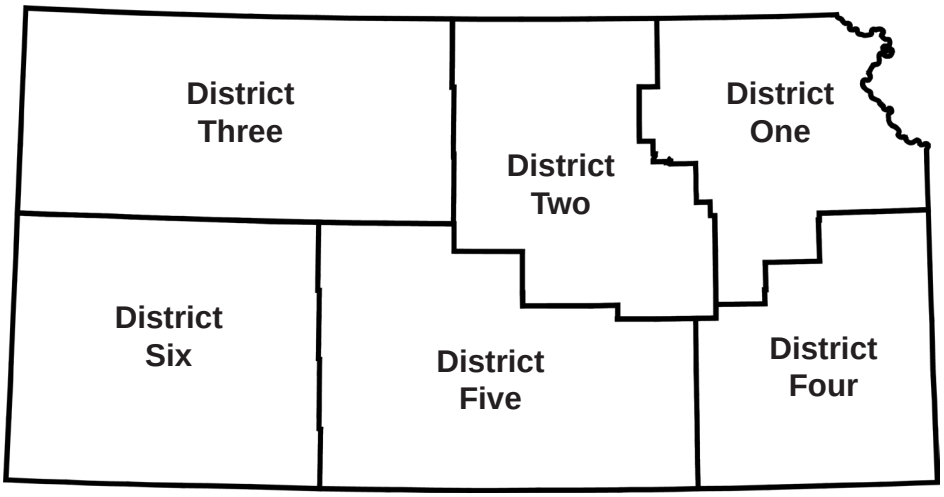
Contact information on back

Thank you for helping to keep Kansas clean



For information or to sign up, contact the Adopt-A-Highway coordinator at a KDOT office –

District One (northeast Kansas) - 121 S.W. 21st Street, Topeka, (785) 296-3881

District Two (north central Kansas) - 1006 N. Third, Salina, (785) 823-3754

District Three (northwest Kansas) - 312 S. Second, Norton, (785) 601-6001

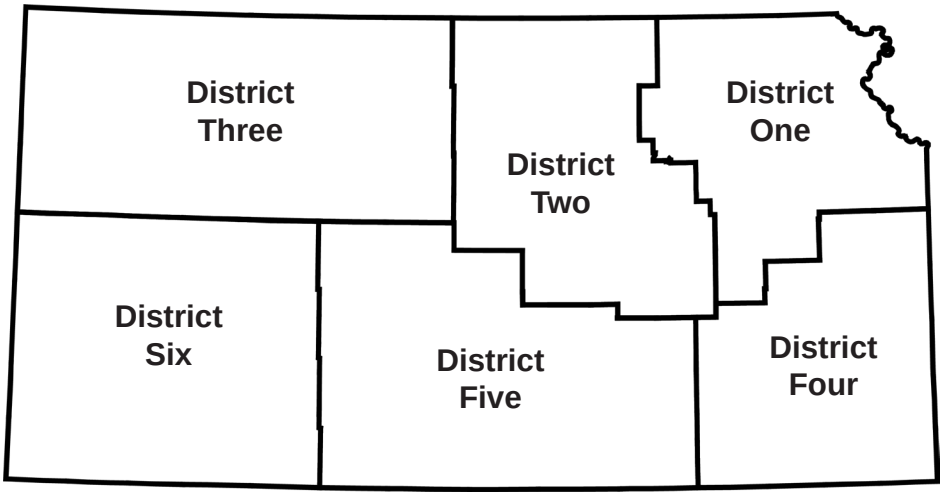
District Four (southeast Kansas) - 411 W. Fourteenth, Chanute, (620) 902-6400

District Five (south central Kansas) - 500 N. Hendricks, Hutchinson, (620) 860-7400

District Six (southwest Kansas) - 121 N. Campus Drive, Garden City, (620) 765-7074

This information can be made available in alternative accessible formats upon request. For information about obtaining an alternative format, contact the KDOT Division of Communications, 700 SW Harrison St., 2nd Fl West, Topeka, KS 66603-3745 or phone 785-296-3585 (Voice)/Hearing Impaired

Thank you for helping to keep Kansas clean



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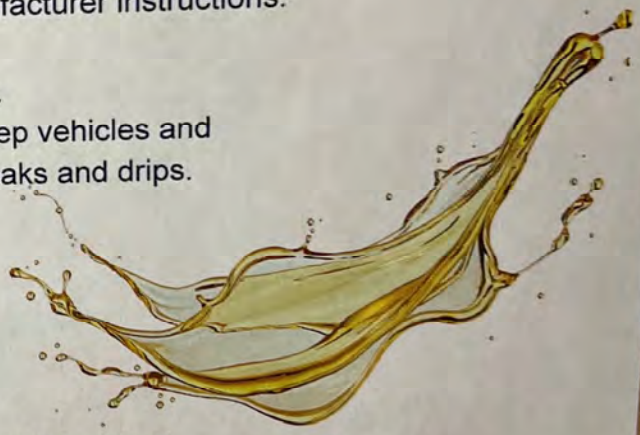
PROTECTING KANSAS WATERWAYS

We all play a role

When it rains, water that falls on our roadways runs off into either storm drains or off the edge of the roadway. As this water moves, it picks up anything that is on the road, including trash, motor oil, road salt and other pollutants. These pollutants are then carried by the stormwater into the nearest river, creek or stream, contributing to water quality issues.

What can you do?

- Follow proper procedures when cleaning up spills.
- Properly store and dispose of all pesticides and chemicals including salt and other de-icing materials.
- Properly apply pesticides in accordance with manufacturer instructions.
- Place drip pans under leaking equipment.
- Wash vehicles or other equipment in the wash bay.
- Perform preventive and routine maintenance to keep vehicles and equipment in good working condition and free of leaks and drips.
- Keep used oil filters in a covered bin.
- Recycle whenever possible.
- Reduce litter in yards and right-of-way.
- Close the lids on trash dumpster.



Why this matters

KDOT must meet a variety of requirements to maintain its Municipal Separate Storm Sewer System (MS4) permit. To stay in compliance, KDOT developed a stormwater management plan and the actions listed above are part of that plan. Also, it makes sense to do what we can to protect Kansas waterways and benefits all of us.

To learn more

KDOT has several resources posted online that explain how stormwater management affects Kansas waterways. To watch a short video, learn about the Adopt-A-Highway program or read more about KDOT's efforts go to **https://www.ksdot.gov/bureaus/burMaint/StormWater/MS4PubEd.asp**

Kansas Department of Transportation | KDOT IKE AT WORK

MCM2: Public Involvement & Participation

KDOT shall implement a public involvement and participation program to solicit public comment and recommendations regarding the BMPs and measurable goals utilized by KDOT to comply with the permit. The program will focus on educating the public and KDOT community on stormwater pollution and environmental stewardship. KDOT continues to comply with state and local public notice requirements when implementing its public involvement and participation program.

Reference Table 2.1 below for a list of available BMPs for implementation and their respective descriptions.

Table 2.1 - Available BMPs

Lbmp PI&P	KDOT Applicability		Description
	Existing	Future	
01	No	No	Hold a forum to notify the public about stormwater program activities and to solicit comments
02	No	No	Establish a citizens advisory committee
03	Yes	Yes	Hold stream bank clean-up events for public volunteers to aid in removing trash and debris
04	Yes	Yes	Train citizen watch groups to recognize illicit discharges
05	Yes	Yes	Provide at least two events for residents to engage in cleanup activities
06	No	No	Establish a program to encourage residents to install BMPs
07	No	No	Enact enforceable requirement that requires pet owners to properly dispose of waste
08	No	No	Provide monetary donation to a scholarship fund for students pursuing a degree in an environmental program
09	Yes	Yes	Distribute stormwater educational materials to the public
10	No	No	Establish an environmental student internship program related to water or waste utility

BMPs identified as applicable to KDOT are described in the following subsections.

Lbmp PI&P - 03: Hold Stream Bank Clean-Up Events for Public Volunteers to Aid in Removing Trash and Debris

Measurable Goal: Area cleaned must be equal to or greater than 1 acre or at least 200 yards of streambank.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT offers the following program to address litter and debris along Kansas highways:

Adopt-a-Highway

Established in 1989, KDOT's Adopt-a-Highway program encourages citizens to volunteer to pick up litter and trash along state highways. Volunteers are required to pick up litter at least three times a year for a two-year period. Participants range from families to organizations such as youth groups, businesses, etc. Two-mile segments are the most common, but three-mile and one-mile segments are also an option depending on if it's an urban or rural setting.

Interested groups must complete an application and a release form. Signed by all participants within each group, the release form requires volunteers to agree to remove litter and trash a minimum of three times a year for a two-year period. The release form is then submitted to the nearest KDOT office. Groups who wish to reapply must complete a renewal form.

Additional information regarding the program, including the application form, renewal form, and safety video, can be found here: https://www.ksdot.org/bureaus/burMaint/Adoptahighway.asp.

2023 Annual Report Update

During the permit year 2022, a stipend program was added to Adopt-a-Highway to encourage participation and the program continued into 2023. Adopt-a-Highway has 36 active groups.

Table 2.2 summarizes Adopt-a-Highway program activity for the permit period.

Table 2.2 - 2023 Summary of Program Activity

Urbanized Area	Adopt-A-Highway Number of Groups
Kansas City	11
St. Joseph	2
Lawrence	5
Topeka	7
Manhattan	4
Wichita	7

Lbmp P I/P – 04: Train groups to recognize illicit discharge activities and communicate observations to appropriate staff

Measurable Goal: Provide training or distribute training materials to participants at least once annually.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

Stormwater Awareness Training

All KDOT maintenance staff are required to complete the Stormwater Awareness Training annually. This training is available through KDOT's Learning Management Center.

Spill Prevention, Control, and Countermeasure (SPCC) Plan Training

SPCC Plan training is required annually for KDOT employees through the Learning Management Center. The purpose of this training is to provide guidance to KDOT employees regarding oil spills and preventing spills from discharging into Waters of the US.

Facility Training

Several training sessions were offered at KDOT Maintenance Facilities in Districts throughout the state, facilitated by the Stormwater Program Manager.

2023 Annual Report Update

The annual Spill Prevention, Control, and Countermeasure (SPCC) Plan Training and Stormwater Awareness Training is available through the KDOT Learning Management Center. The annual training must be completed by December 31st.

For the year beginning December 1, 2022 and ending on November 30, 2023, a total of 214 KDOT maintenance staff completed Stormwater Awareness Training.

Table 2.3 summarizes Facility Training held in 2023.

Table 2.3 - 2023 Summary of Facility Training

District	Training	Dates Held
3	General Stormwater Topics	3/29/23
6	General Stormwater Topics	3/30/23
2	General Stormwater Topics	4/20/23
All	General Stormwater Topics for Maintenance Managers	4/5/23
All	General Stormwater Topics for Shop Superintendents	5/10/23

Lbmp PI&P - 05: Provide at Least Two Events for Residents to Engage in Cleanup Activities

Measurable Goal: Host at least two events annually in streams, parks, areas adjacent to public waterways, etc.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT offers the following programs to address litter and debris along Kansas highways:

Adopt-a-Highway

Established in 1989, KDOT's Adopt-a-Highway program encourages citizens to volunteer to pick up litter and trash along state highways. Volunteers are required to pick up litter at least three times annually for a two-year period. Participants range from families to organizations such as youth groups, businesses, etc. Two-mile segments are the most common, but three-mile and one-mile segments are also an option depending on if it's an urban or rural setting.

Interested groups must complete an application and a release form. Signed by all participants within each group, the release form requires volunteers to agree to remove litter and trash a minimum of three times a year for a two-year period. The release form is then submitted to the nearest KDOT office. Groups who wish to reapply must complete a renewal form.

Additional information regarding the program, including the application form, renewal form, and safety video, can be found here: https://www.ksdot.org/bureaus/burMaint/Adoptahighway.asp.

Sponsor-a-Highway

KDOT's Sponsor-a-Highway program allows business to advertise their company name and logo within view of commuters. In return, the money raised from sponsorships funds litter removal on state highways. It ultimately results in cleaner and improved highways. Benefits of participating in this program include recognition as environmental supporters who support community responsibility.

Additional information regarding the program can be found here: https://www.ksdot.org/bureaus/burMaint/sponsorahighway.asp.

2023 Annual Report Update

Table 2.4 summarizes litter program activity for the permit period.

Table 2.4 - 2023 Summary of Program Activity

Urbanized Area	Adopt-A-Highway Number of Groups	Sponsor-A-Highway Number of Groups
Kansas City	11	19
St. Joseph	2	0
Lawrence	5	1
Topeka	7	1
Manhattan	4	0
Wichita	7	4

Lbmp PI&P - 09: Distribute Stormwater Educational Materials to the Public

Measurable Goal: Educational materials must have a value of at least $50.

Illicit Discharge Awareness

KDOT works to educate the public on the importance of minimizing stormwater impacts by providing resources on the KDOT website. Both a 30-second and 10-minute Illicit Discharge Awareness videos are available to the public through KDOT's website: https://www.ksdot.org/bureaus/burMaint/StormWater/default.asp.

Topics discussed in the Illicit Discharge Awareness video include:

- Storm sewer purpose
- Storm sewer vs sanitary sewers
- Spotting illicit discharges
- Ecological impacts
- How to report illicit discharges

Stormwater Awareness Training

All KDOT maintenance staff are required to complete the Stormwater Awareness Training. This training is available through KDOT's Learning Management Center.

Adopt-a-Highway

KDOT developed a brochure to educate the public about the Adopt-a-Highway program. This brochure provides information to help keep participants safe while volunteering to keep Kansas clean. Topics highlighted in this brochure include the following:

- What can I do?
- Be on the alert
- What to wear
- Things not to do
- Helpful hints
- Weather

The Adopt-a-Highway brochure is available to the public via KDOT's Adopt-a-Highway program webpage here: https://www.ksdot.gov/Assets/wwwksdotorg/PDF_Files/ADOPT_a_HIGHWAY_Brochure.pdf

2023 Annual Report Update

KDOT continues to offer both the 30-second and 10-minute Illicit Discharge Awareness videos in English and Spanish on KDOT's website. Reference the list below for the cost to complete, labor involved, and link for both videos:

- 30-second video:
    - Cost to complete: $895

  - Labor: 20 hours
  - Link: https://www.ksdot.org/bureaus/burMaint/StormWater/default.asp

- 10-minute video:
  - Cost to complete: $895
  - Labor: 20 hours
  - Link: https://www.ksdot.org/bureaus/burMaint/StormWater/MS4PubEd.asp

For the 2023 permit year, KDOT made the Adopt-a-Highway brochure available to the public here: https://www.ksdot.org/Assets/wwwksdotorg/bureaus/burConsMain/Adopt-A-Highway-2011-Letter-for-web.pdf. The cost to complete was approximately $50 and required 10 hours of labor.

There were 214 KDOT employees trained on Stormwater Awareness in 2023 through KDOT's Learning Management Center.

PROTECTING KANSAS WATERWAYS

We all play a role

When it rains or snow melts, water that falls on our roadways runs off either into storm drains or the edge of the roadway. This is known as **stormwater runoff**. Stormwater runoff picks up anything on the road, including trash, motor oil, road salt and other pollutants. These pollutants are then carried into the nearest river, creek or stream, contributing to water quality issues. By keeping our roadways clean, drivers help protect Kansas waterways.

KDOT's highways are served by two types of stormwater systems: rural systems, made up of ditches and culverts, and urban systems, made up of storm drains and pipes. In rural systems, the vegetation in the ditch helps to naturally filter out pollutants before the stormwater reaches the nearest waterway. In urban systems, pipes take stormwater directly to the waterway, typically leaving no opportunity to filter out pollutants.

What is KDOT doing to reduce stormwater pollution?

KDOT works to help protect the environment and improve water quality by:

- Inspecting KDOT's stormwater systems on a regular basis for potential illicit discharges.
- Requiring extra protection of the stormwater system at construction sites to prevent dirt and other construction waste from running off the site.
- Building stormwater control measures in urban systems to provide treatment of stormwater runoff before it enters waterways.
- Implementing best practices to minimize potential pollutants from KDOT operations and maintenance, such as minimizing the amount of salt applied to the roadway in the winter months.

What can you do to prevent stormwater pollution?

Put trash in a trashcan. In 2022, KDOT contractor IBS picked up over 100 tons of trash along highways in the Kansas City (KC) metro area. This is in addition to trash collected by KDOT employees and Adopt-A-Highway participants in KC and statewide. Also, maintain your vehicle to prevent any fluid leaks. Get involved!

How can I get involved?

- Participate in the Adopt-A-Highway program. Stipends of $190 per highway section are available to groups each time their designated area is cleaned. More information is on KDOT's Adopt-A-Highway website.
- Report spills or illegal dumping. If you accidentally spill any substance or see someone else pouring any substance onto the roadway or down a storm drain, report it to the Kansas Department of Health and Environment spill hotline at 785-291-3333.

What is illicit discharge?

An illicit discharge is when automotive fluids, hazardous chemicals or trash are purposely poured or dumped into the environment.

For more information about KDOT's Stormwater Management Program, go to **https://www.ksdot.gov/bureaus/burMaint/StormWater/default.asp**

Kansas Department of Transportation

KDOT IKE AT WORK

Course Name	Class Date	Instructor Email	Course Status	Score	Date Completed	Date Enrolled	Catalog
Stormwater Awareness online course			Completed	86	06/30/2023	06/06/2023	
Stormwater Awareness online course			Completed	93	10/17/2023	10/02/2023	
Stormwater Awareness online course			Completed	86	09/28/2023	06/28/2023	
Stormwater Awareness online course			Completed	100	03/31/2023	03/23/2023	
Stormwater Awareness online course			Completed	100	07/11/2023	06/27/2023	
Stormwater Awareness online course			Completed	93	06/13/2023	06/08/2023	
Stormwater Awareness online course			Completed	100	03/27/2023	03/23/2023	
Stormwater Awareness online course			Completed	93	01/30/2023	01/25/2023	
Stormwater Awareness online course			Completed	93	07/06/2023	06/20/2023	
Stormwater Awareness online course			Completed	93	08/24/2023	08/22/2023	
Stormwater Awareness online course			Completed	86	08/18/2023	08/02/2023	
Stormwater Awareness online course			Completed	100	08/16/2023	07/18/2023	
Stormwater Awareness online course			Completed	100	09/27/2023	06/20/2023	
Stormwater Awareness online course			Completed	86	10/23/2023	10/11/2023	
Stormwater Awareness online course			Completed	100	12/30/2022	12/28/2022	
Stormwater Awareness online course			Completed	86	06/07/2023	06/06/2023	
Stormwater Awareness online course			Completed	86	06/07/2023	06/02/2023	
Stormwater Awareness online course			Completed	100	02/03/2023	01/20/2023	
Stormwater Awareness online course			Completed	86	10/11/2023	09/26/2023	
Stormwater Awareness online course			Completed	86	05/26/2023	05/25/2023	
Stormwater Awareness online course			Completed	93	05/22/2023	05/12/2023	
Stormwater Awareness online course			Completed	100	03/29/2023	03/28/2023	
Stormwater Awareness online course			Completed	93	01/09/2023	12/29/2022	
Stormwater Awareness online course			Completed	93	01/04/2023	12/13/2022	
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Stormwater Awareness online course			Completed	100	07/19/2023	07/06/2023	
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Stormwater Awareness online course			Completed	100	04/25/2023	03/28/2023	
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Stormwater Awareness online course	Completed	93	12/05/2022	12/02/2022
Stormwater Awareness online course	Completed	100	05/02/2023	05/01/2023
Stormwater Awareness online course	Completed	100	08/10/2023	08/02/2023
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Stormwater Awareness online course	Completed	93	03/27/2023	03/23/2023
Stormwater Awareness online course	Completed	100	03/07/2023	02/20/2023
Stormwater Awareness online course	Completed	100	07/10/2023	07/06/2023
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Stormwater Awareness online course	Completed	93	05/15/2023	04/12/2022
Stormwater Awareness online course	Completed	100	10/19/2023	08/29/2023
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Stormwater Awareness online course	Completed	86	11/21/2022	11/08/2022
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Stormwater Awareness online course	Completed	86	03/01/2023	02/24/2023
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Stormwater Awareness online course	Completed	86	04/18/2023	04/05/2023
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Stormwater Awareness online course	Completed	86	03/23/2023	03/22/2023
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Stormwater Awareness online course	Completed	93	01/24/2023	01/13/2023
Stormwater Awareness online course	Completed	86	02/01/2023	01/19/2023
Stormwater Awareness online course	Completed	100	06/01/2023	05/31/2023
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Adopt-A-Highway

Stipends now available to organizations participating in clean-up program

Kansas Department of Transportation

Organizations have been helping keep Kansas clean for more than 30 years through participation in the Adopt-A-Highway program. With limited staff and increased amounts of trash along the highways, the Kansas Department of Transportation has created an incentive stipend for groups that actively participate in the program.

The stipend is $190 per highway section, which is generally two miles long. Adopt-A-Highway groups receiving $600 or more in payments in a calendar year will be issued a 1099 tax form. Groups will be able to submit a request for payment after their highway cleanup is completed. The group will submit forms identifying the location, date, number of volunteers and number of bags as well as before and after photos of the site.

All groups go through the standard process to adopt a section of highway. New groups will sign an agreement, receive safety training information and follow procedures when scheduling a cleanup. Existing groups will continue to follow current procedures. State employees and their families are welcome to participate in a group, but are not eligible to receive stipends.

Contact information on back

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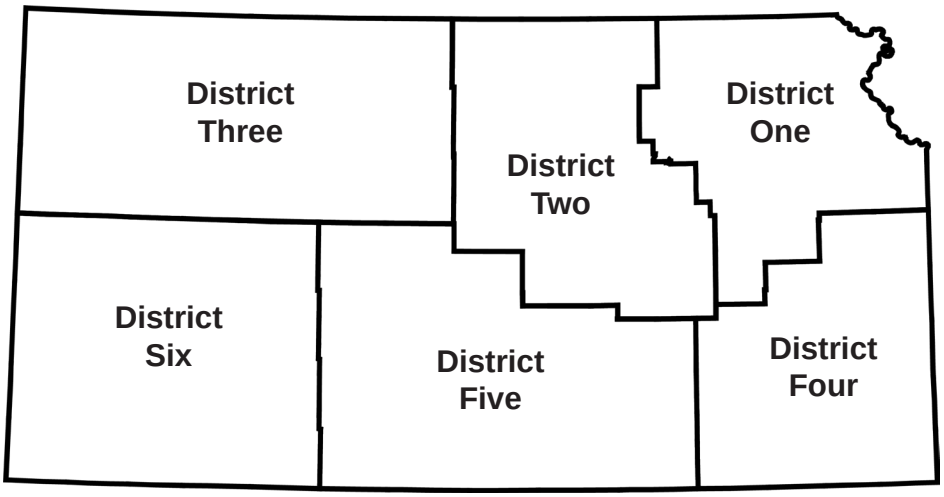
Thank you for helping to keep Kansas clean



For information or to sign up, contact the Adopt-A-Highway coordinator at a KDOT office –

District One (northeast Kansas) - 121 S.W. 21st Street, Topeka, (785) 296-3881

District Two (north central Kansas) - 1006 N. Third, Salina, (785) 823-3754

District Three (northwest Kansas) - 312 S. Second, Norton, (785) 601-6001

District Four (southeast Kansas) - 411 W. Fourteenth, Chanute, (620) 902-6400

District Five (south central Kansas) - 500 N. Hendricks, Hutchinson, (620) 860-7400

District Six (southwest Kansas) - 121 N. Campus Drive, Garden City, (620) 765-7074

This information can be made available in alternative accessible formats upon request. For information about obtaining an alternative format, contact the KDOT Division of Communications, 700 SW Harrison St., 2nd Fl West, Topeka, KS 66603-3745 or phone 785-296-3585 (Voice)/Hearing Impaired

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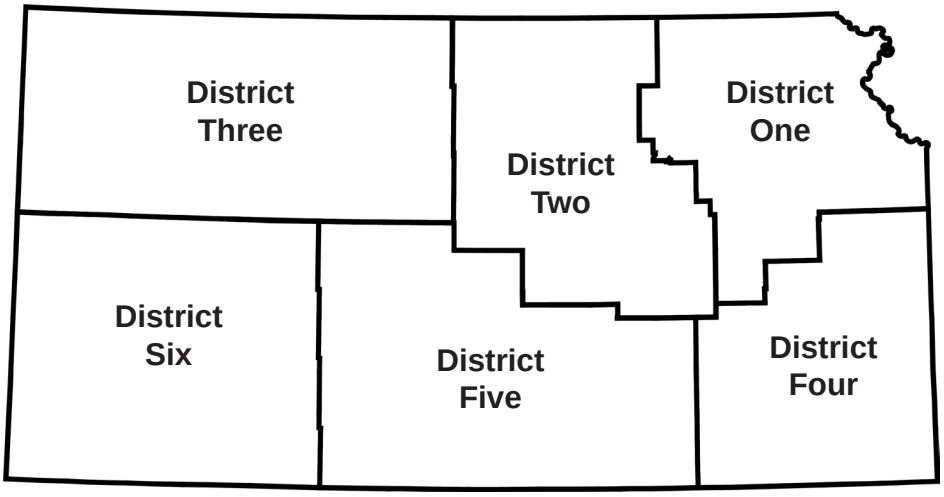

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Kansas Department of Transportation

Stormwater Management Plan

Minimum Control Measure:
Public Involvement & Participation

Permit Year:
2023

BMP	Summary	Measurable Goal	KDOT Availability		Reference	Claimed	
			Applicable	Points		2023	Points
Lbmp P I/P - 03	Hold park or stream bank clean-up events for public volunteers to aid in removing trash, debris, or pollutant sources from the selected clean-up area.	Area cleaned must be equal to or greater than 1 acre or at least 200 yards of streambank. 1 activity per year.	Yes	3	Adopt-a-Highway -Yearly announcement encouraging people to sign up -Litter cleanup	☑	3
Lbmp P I/P - 04	Train either citizen watch groups, HOAs, or public service groups to recognize illicit discharge activities and communicate observations to appropriate staff.	Provide training or distribute training materials to the group participatns at least once annually.	Yes	2	Training -Stormwater Awareness Training -Spill Prevention, Control,	☑	2
Lbmp P I/P - 05	Provide at least two events for residents to engage in cleanup activities and improve water quality.	At least two events annually in streams, parks, areas adjacent to public waterways, and/or other green infrastructure/water resources. These events can be: Environmental restoration events, stream cleanups, tree plantings, or stream monitoring.	Yes	3	Adopt-a-Highway -Yearly announcement encouraging people to sign up -Litter cleanup Sponsor-a-Highway -Businesses pay a monthly fee to advertise on highway -Fee covers picking up trash	☑	3
Lbmp P I/P - 09	Distribute stormwater educational materials to the public within this permit area. Alternatively, may provide stormwater educational materials. These materials may be provided to other nearby municipalities for distribution to the public. (within 30 miles from this permit area).	Educational materials must have a value of at least $50	Yes	3	Illicit Discharge Awareness Video 30-second (English/Spanish) Illicit Discharge Awareness Video 10-minute (English/Spanish) Adopt-a-Highway Brochure	☑	3

2023 - Public Involvement Summary	
Available Points	11
Requirement	6
Claimed Points	11
Meets Requirements	Yes

MCM3: Illicit Discharge Detection and Elimination

KDOT shall develop, implement, and enforce a program to detect and eliminate illicit discharges within KDOT maintained right-of-way. This program will focus on informing KDOT employees regarding awareness, identification, and reporting of detected illicit discharges. KDOT continues to maintain maps and records of the stormwater system within KDOT maintained right-of-way.

Reference Table 3.1 below for a list of available BMPs for implementation and their respective descriptions.

Table 3.1 - Available BMPs

Lbmp IDD&E	KDOT Applicability		Description
	Existing	Future	
01	No	No	Hold a public forum to educate public regarding illicit discharge
02	No	No	Implement a program to abandon, upgrade, or replace septic systems
03	Yes	Yes	Develop spill response plan
04	Yes	Yes	Implement a program to evaluate MS4 outfalls
05	No	No	Distribute documentation to residents & businesses in MS4 area
06	Yes	Yes	Inspect 2% of open channel drainage
07	Yes	Yes	Document household hazardous waste collection programs
08	No	No	Implement program to increase reliability of sanitary sewer pump stations
09	Yes	Yes	Provide contribution to area recycle programs
10	Yes	Yes	Inspect 5% of MS4 system inlets and/or outfalls

BMPs identified as applicable to KDOT are described in the following subsections.

Lbmp IDD&E - 03: Develop Spill Response Plan

Measurable Goal: Explanation of appropriate spill response activities.

KDOT is committed to identifying and eliminating illicit discharges. Staff are trained to report observed illicit discharge present in the highway right-of-way to their supervisor. The Spill Prevention, Control, and Countermeasure (SPCC) Plan Training is held as part of safety meetings in each Area. Illicit discharges may be observed during weekly dashboard surveys and would likely be in the form of a right-of-way spill. The supervisor would then report the discharge to the Area Superintendent to address. Each Area maintenance yard has a formal spill response plan. Large spills in the Area yard are reported to KDHE's Spill Reporting Hot Line by calling 785-291-3333 in accordance with the Kansas Spill Notification Plan.

Spills that occur within the right-of-way are typically reported through first responders. The local fire department coordinates spill containment activity. If contacted by first responders, KDOT can assist with containment activities, such as barriers, on request.

2023 Annual Report Update

KDOT continued spill response plans for Area yards. Additionally, an MS4 Fact Sheet (https://www.ksdot.gov/Assets/wwwksdotorg/bureaus/burMaint/Stormwater/pdf/2023/MS4_FactSheet_Staff.pdf) was placed in maintenance yards throughout the state to further increase awareness about stormwater topics, including illicit discharge and proper spill response. The sheets also include a QR code for easy access to the KDOT stormwater website for additional information.

Lbmp IDD&E - 04: Implement a Program to Evaluate MS4 Outfalls

Measurable Goal: Inspect at least 5% of the known MS4 outfalls, eliminate illicit discharge from at least one identified outfall.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT tracks inspections for structures classified as bridges, 10'-20' Series, and structures with openings less than 10-feet. The following software programs are utilized to track inspections of MS4 outfalls:

- Bridge Management
- BROMS (Bridge Office Management System)
- MQA (Maintenance Quality Assurance)

The inspections are then recorded in KDOT's Reports Portal.

At the date of this SMP, the following structure descriptions and software programs are as follows:

Bridges

Bridges are classified as structures that have an opening of 20-feet or greater. Inspections are documented through both the BROMS and Bridge Management software. Reference Table 3.2 for bridge inspection frequencies.

Table 3.2 – Bridge Inspection Frequencies

Rating	Rating Description	Inspection Frequency
4-	Poor Condition	Annually
5+	Great Condition	Every 2 years

10'-20' Series

Pipes and culverts greater than or equal to 10-feet but less than 20-feet are classified as 10'-20' Series structures. Inspections are documented through BROMS. Reference Table 3.3 for culvert inspection frequencies.

Table 3.3 – Culvert Inspection Frequencies

Rating	Rating Description	Inspection Frequency
4	Poor Condition	Annually
6	Good Condition	Every 2 years
8	Great Condition	Every 4 years

MQA Program

The purpose of the MQA program is to identify and prioritize maintenance projects and resources. According to the Maintenance Quality Assurance Program Manual (page 28), thirty 0.1-mile sample segments per maintenance subarea are randomly selected using the CANSYS database and rated against a level of service (LOS) criteria. These inspections occur annually in October. Upon completion, KDOT compares the resulting LOS to the target LOS values. The five maintenance categories include travelway, traffic guidance, shoulders, drainage, and roadside.

Drainage is broken up into the following elements: curb & gutter, ditch, erosion control devices, culverts & pipes (excludes serial numbered structures), edge & underdrains, and inlets. A weighting factor of 14% is applied to drainage when determining the LOS. The statewide/district targeted LOS for drainage is 85.

For ditches to pass inspection, 80% of the ditch length must be free of scour more than six inches, blockage, standing water, and obstructions.

For culverts & pipes to pass inspection, they must meet the following LOS criteria:

- 75% of opening is unobstructed
- Functions as intended (check for erosion, scour, settlement at structure inlets and outlets)

For inlets to pass inspection, they must meet the following LOS criteria:

- 75% of cavity per structure is free of debris & operates as intended
- The inlet grate and access cover are present, where applicable
- The unit is structurally sound

Inspections are documented through the MQA inspection form. The purpose of the form is to record whether each element meets the associated LOS criteria. Upon completion, copies of these forms are sent to District MQA committee members and Area Superintendent. The inspection results are reported into KDOT's Report Portals. Original copies of the form are maintained for one-year.

In addition to inspections, KDOT conducts drain and culvert cleanings throughout the year, especially in anticipation of rain/snow events. Drains are cleaned of debris and culverts are repaired to ensure proper flow.

2023 Annual Report Update

Table 3.4 contains information regarding the total structure inspections that occurred in 2021-2023 against the total structures in each urbanized area. This data was pulled from KDOT's Reports Portal up to December 31, 2023.

Table 3.4 – 2021-2023 Structure Inspections per Urbanized Area

			2021	2022	2023
Urbanized Area	**County**	**Total Structures**	**Total Inspections**	**Total Inspections**	**Total Inspections**
Kansas City	Johnson, Wyandotte	549	226	298	318
Lawrence	Douglas	145	3	124	122
Manhattan	Riley	85	48	34	32
St. Joseph	Doniphan	49	31	5	6
Topeka	Shawnee	225	3	203	186
Wichita	Sedgwick	461	56	350	346

KDOT manages a report of MQA program roadway segments completed annually. This list for 2023 is provided in the documentation for each urbanized area.

Additionally, weekly dashboard surveys were performed to identify and address issues on each route within the urbanized area.

Lbmp IDD&E - 06: Inspect 2% of Open Channel Drainage

Measurable Goal: Generate a summary report of open channel inspections, which should include the number of linear feet inspected, condition comments, and the results of efforts to eliminate illicit discharges

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT tracks inspections for structures classified as bridges, 10'-20' Series, and structures with openings less than 10-feet. The following software programs are utilized to track inspections of open channels:

- Bridge Management
- BROMS (Bridge Office Management System)
- MQA (Maintenance Quality Assurance)

The inspections are then recorded in KDOT's Reports Portal.

Each district completes weekly dashboard surveys of the right-of-way to identify and address issues.

At the date of this SMP, the following structure descriptions and software programs are as follows:

Bridges

Bridges are classified as structures that have an opening of 20-feet or greater. Inspections are documented through both the BROMS and Bridge Management software. Reference Table 3.5 for bridge inspection frequencies.

Table 3.4 – Bridge Inspection Frequencies

Rating	Rating Description	Inspection Frequency
4-	Poor Condition	Annually
5+	Great Condition	Every 2 years

10'-20' Series

Pipes and culverts greater than or equal to 10-feet but less than 20-feet are classified as 10'-20' Series structures. Inspections are documented through BROMS. Reference Table 3.6 for culvert inspection frequencies.

Table 3.5 – Culvert Inspection Frequencies

Rating	Rating Description	Inspection Frequency
4	Poor Condition	Annually
6	Good Condition	Every 2 years
8	Great Condition	Every 4 years

MQA Program

The purpose of the MQA program is to identify and prioritize maintenance projects and resources. According to the Maintenance Quality Assurance Program Manual (page 28), thirty 0.1-mile sample segments per maintenance subarea are randomly selected using the CANSYS database and rated against

a level of service (LOS) criteria. These inspections occur annually in October. Upon completion, KDOT compares the resulting LOS to the target LOS values. The five maintenance categories include travelway, traffic guidance, shoulders, drainage, and roadside.

Drainage is broken up into the following elements: curb & gutter, ditch, erosion control devices, culverts & pipes (excludes serial numbered structures), edge & underdrains, and inlets. A weighting factor of 14% is applied to drainage when determining the LOS. The statewide/district targeted LOS for drainage is 85.

For ditches to pass inspection, 80% of the ditch length must be free of scour more than six inches, blockage, standing water, and obstructions.

For culverts & pipes to pass inspection, they must meet the following LOS criteria:

- 75% of opening is unobstructed
- Functions as intended (check for erosion, scour, settlement at structure inlets and outlets)

For inlets to pass inspection, they must meet the following LOS criteria:

- 75% of cavity per structure is free of debris & operates as intended
- The inlet grate and access cover are present, where applicable
- The unit is structurally sound

Inspections are documented through the MQA inspection form. The purpose of the form is to record whether each element meets the associated LOS criteria. Upon completion, copies of these forms are sent to District MQA committee members and Area Superintendent. The inspection results are reported into KDOT's Report Portals. Original copies of the form are maintained for one-year.

2023 Annual Report Update

Table 3.7 contains information regarding the total structure inspections that occurred in 2021-2023 against the total structures in each urbanized area. This data was pulled from KDOT's Reports Portal up to December 31, 2023.

Table 3.7 – 2021-2023 Structure Inspections per Urbanized Area

			2021	2022	2023
Urbanized Area	**County**	**Total Structures**	**Total Inspections**	**Total Inspections**	**Total Inspections**
Kansas City	Johnson, Wyandotte	549	226	298	318
Lawrence	Douglas	145	3	124	122
Manhattan	Riley	85	48	34	32
St. Joseph	Doniphan	49	31	5	6
Topeka	Shawnee	225	3	203	186
Wichita	Sedgwick	461	56	350	346

KDOT manages a report of MQA program roadway segments completed annually that is available upon request. Additionally, weekly dashboard surveys were performed to identify and address issues on each route within the urbanized area.

Lbmp IDD&E - 07: Document Household Hazardous Waste Collection Programs

Measurable Goal: Document that residents and property owners have access to a facility

The following Household Hazardous Waste Collection Programs are listed below in Table 3.8 per urbanized area and are available as of the date of this SMP:

Table 3.6 – Household Hazardous Waste Facilities and Events

Urbanized Area	Permit No.	County	Type	Date	Website
Kansas City	M-KS27-SU01	Johnson	HHW Facility	N/A	Link
		Wyandotte	HHW Facility	N/A	Link
Lawrence	M-KS31-SU02	Douglas	HHW Facility	N/A	Link
Manhattan	M-KS38-SN01	Riley	HHW Facility	N/A	Link
St. Joseph	M-MO05-SU01	Doniphan	HHW Facility	N/A	Link
Topeka	M-KS72-SU02	Shawnee	HHW Facility	N/A	Link
Wichita	M-AR94-SU02	Sedgwick	HHW Facility	N/A	Link

2023 Annual Report Update

For the 2023 permit year, Kansas City, Lawrence, Manhattan, St. Joseph area, Topeka, and Wichita offered household hazardous waste collection locations. All are active and information is linked above.

Lbmp IDD&E - 09: Provide Contribution to Area Recycle Programs

*Measurable Goal: Can be monetary or in the form of goods and/or service*s.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT offers three programs to address litter and debris along Kansas highways:

Interstate Services

KDOT hires contractors to pick up debris and litter along KDOT roadways in the Kansas City urbanized area.

Adopt-a-Highway

Established in 1989, KDOT's Adopt-a-Highway program encourages citizens to volunteer to pick up litter and trash along state highways. Volunteers are required to pick up litter at least three times for a two-year period. Participants range from families to organizations such as youth groups, businesses, etc. Two-mile segments are the most common, but three-mile and one-mile segments are also an option depending on if it's an urban or rural setting.

Interested groups must complete an application and a release form. Signed by all participants within each group, the release form requires volunteers to agree to remove litter and trash a minimum of three times a year for a two-year period. The release form is then submitted to the nearest KDOT office. Groups who wish to reapply must complete a renewal form.

Additional information regarding the program, including the application form, renewal form, and safety video, can be found here: https://www.ksdot.org/bureaus/burMaint/Adoptahighway.asp.

Sponsor-a-Highway

KDOT's Sponsor-a-Highway program allows business to advertise their company name and logo within view of commuters. In return, the money raised from sponsorships funds litter removal on state highways. It ultimately results in cleaner and improved highways. Benefits of participating in this program include recognition as environmental supporters who support community responsibility.

Additional information regarding the program can be found here: https://www.ksdot.org/bureaus/burMaint/sponsorahighway.asp.

2023 Annual Report Update

In June 2021, KDOT contracted Interstate Business Solutions (IBS) to remove litter and debris from KC metro roadways. The original contract was expanded to include mileage on K10 (4.5 miles), I-70 (2.7 miles), and I-635 (1.3 miles). The contract includes two pickups per month for a total of 68.5 miles at a cost of $933,708 per year. IBS does contractual trash collection during complete rounds every two weeks. From January – November 2023, an estimated 14,800 pounds were collected (estimated 180,000 bags).

More information regarding this service can be found here: Litter Removal and Sweeping Services Clean up KC Metro Roadways. The contract with IBS is active through June 2026.

Table 3.9 summarizes litter program activity for the permit period.

Table 3.7 - 2023 Summary of Litter Program Activity

Urbanized Area	Adopt-A-Highway Number of Groups	Sponsor-A-Highway Number of Groups	IBS Litter Removal	Honor Camp – Prison Work Group*
Kansas City	11 groups with 15 pickup events	19	68.5 miles (clean both directions, 2x/mo)	NA
St. Joseph	2	0	NA	NA
Lawrence	5	1	NA	NA
Topeka	7	1	NA	1 crew (5 days/wk)
Manhattan	4 groups with 10 pickup events	0	NA	NA
Wichita	7	4	NA	3 crews (4 days/wk)

**KDOT provides the van, trailer, safety equipment, and reimburses the guard's salary for each crew.*

Lbmp IDD&E - 10: Inspect 5% of MS4 System Inlets and/or Outfalls

Measurable Goal: Generate a summary report of inlet and outfall inspections, which should include the number of inlets/outfalls inspected, condition comments, illicit discharges identified, and the results of efforts to eliminate illicit discharges.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT tracks inspections for structures classified as bridges, 10'-20' Series, and structures with openings less than 10-feet. The following software programs are utilized to track inspections of MS4 inlets and outfalls:

- Bridge Management
- BROMS (Bridge Office Management System)
- MQA (Maintenance Quality Assurance)

The inspections are then recorded in KDOT's Reports Portal.

At the date of this SMP, the following structure descriptions and software programs are as follows:

Bridges

Bridges are classified as structures that have an opening of 20-feet or greater. Inspections are documented through both the BROMS and Bridge Management software. Reference Table 3.10 for bridge inspection frequencies.

Table 3.8 – Bridge Inspection Frequencies

Rating	Rating Description	Inspection Frequency
4-	Poor Condition	Annually
5+	Great Condition	Every 2 years

10'-20' Series

Pipes and culverts greater than or equal to 10-feet but less than 20-feet are classified as 10'-20' Series structures. Inspections are documented through BROMS. Reference Table 3.11 for culvert inspection frequencies.

Table 3.9 – Culvert Inspection Frequencies

Rating	Rating Description	Inspection Frequency
4	Poor Condition	Annually
6	Good Condition	Every 2 years
8	Great Condition	Every 4 years

MQA Program

The purpose of the MQA program is to identify and prioritize maintenance projects and resources. According to the Maintenance Quality Assurance Program Manual (page 28), thirty 0.1-mile sample segments per maintenance subarea are randomly selected using the CANSYS database and rated against a level of service (LOS) criteria. These inspections occur annually in October. Upon completion, KDOT

compares the resulting LOS to the target LOS values. The five maintenance categories include travelway, traffic guidance, shoulders, drainage, and roadside.

Drainage is broken up into the following elements: curb & gutter, ditch, erosion control devices, culverts & pipes (excludes serial numbered structures), edge & underdrains, and inlets. A weighting factor of 14% is applied to drainage when determining the LOS. The statewide/district targeted LOS for drainage is 85.

For ditches to pass inspection, 80% of the ditch length must be free of scour more than six inches, blockage, standing water, and obstructions.

For culverts & pipes to pass inspection, they must meet the following LOS criteria:

- 75% of opening is unobstructed
- Functions as intended (check for erosion, scour, settlement at structure inlets and outlets)

For inlets to pass inspection, they must meet the following LOS criteria:

- 75% of cavity per structure is free of debris & operates as intended
- The inlet grate and access cover are present, where applicable
- The unit is structurally sound

Inspections are documented through the MQA inspection form. The purpose of the form is to record whether each element meets the associated LOS criteria. Upon completion, copies of these forms are sent to District MQA committee members and Area Superintendent. The inspection results are reported into KDOT's Report Portals. Original copies of the form are maintained for one-year.

2023 Annual Report Update

Table 3.12 contains information regarding the total structure inspections that occurred in 2021-2023 against the total structures in each urbanized area. This data was pulled from KDOT's Reports Portal up to December 31, 2023.

Table 3.12 – 2021-2023 Structure Inspections per Urbanized Area

			2021	2022	2023
Urbanized Area	**County**	**Total Structures**	**Total Inspections**	**Total Inspections**	**Total Inspections**
Kansas City	Johnson, Wyandotte	549	226	298	318
Lawrence	Douglas	145	3	124	122
Manhattan	Riley	85	48	34	32
St. Joseph	Doniphan	49	31	5	6
Topeka	Shawnee	225	3	203	186
Wichita	Sedgwick	461	56	350	346

KDOT manages a report of MQA program roadway segments completed annually that is available upon request. Additionally, weekly dashboard surveys were performed to identify and address issues on each route within the urbanized area. In addition, through the KDOT Utility Permit System (KUPS), 32 staff

members are responsible for reviewing utility crossings of KDOT right-of-way for potential cross-connects. Tracking through KUPS, KDOT staff inspects sites where any digging is happening.

Kansas Department of Transportation

Stormwater Management Plan

Minimum Control Measure:
Illicit Discharge

Permit Year:
2023

BMP	Summary	Measurable Goal	KDOT Availability		Reference	Claimed	
			Applicable	Points		2023	Points
Lbmp IDD&E - 03	Develop a spill response plan, and if appropriate, coordinate emergency response with other agencies or organizations.	Plan: Explanation of appropriate spill response activities for spills associated with vehicle accidents, at grade or above ground storage tanks, and vehicle fluids from mechanical equipment Plan shall be maintained on file.	Yes	2	KDOT Stormwater Management Plan KDOT Stormwater Management Program Website	☑	2
Lbmp IDD&E - 04	Implement a **program** to evaluate MS4 outfalls to identify illicit discharges. Inspect at least 5% of the known MS4 outfalls during a calendar year; evaluate outfalls with dry weather discharges; evaluate the water quality of the dry weather discharges to recognize non-stormwater sources.	When at least 5% of the known MS4 outfalls are inspected and for which at least one outfall has illicit discharge: Document: -MS4 Outfalls inspected; -outfalls with dry weather discharge; -outfalls with illcit discharge Points claimed in the year the discharge is eliminated.	Yes	1	Reports Portal: -Bridges -10'-20' Series Culverts -Culverts -Stormwater Infrastructure MQA Software: -0.1-mile segments -Drainage: 14% WF -Ditch, culverts/pipes, inlets, etc.	☑	1
Lbmp IDD&E - 06	Inspect, by televising pipelines or direct visualization of open channel drainage, 2% of the MS4 system within the permit area. Aid in identifying illicit discharges as well as evaluate the condition of the storm sewer lines/drainage channels-ditches. If in a 12-mo period 10% of the MS4 system is inspected a higher point value may be claimed.	Generate Summary Report: -LF televised or visually inspected -Condition comments -Illicit discharges identified -Results of efforts to eliminate illicit discharges	Yes	3	Reports Portal: -Bridges -10'-20' Series Culverts -Culverts -Stormwater Infrastructure MQA Software: -0.1-mile segments -Drainage: 14% WF -Ditch, culverts/pipes, inlets, etc.	☑	3
Lbmp IDD&E - 07	Implement a Household Hazardous Waste Collection Program or document others have implemented such a program to provide such service to all property owners or residents located within the permit area.	Document the residents and property owners within the MS4 permit area were able to dispose of such waste at the facility during a calendar year. Retain this documentation.	Yes	3	**Kansas City** *Permit# M-KS27-SU01 :* -Johnson County -Wyandotte County **Lawrence** *Permit# M-KS31-SU02 :* -Douglas/Lawrence Counties **Manhattan** *Permit# M-KS38-SN01:* -Riley County **St. Joseph** *Permit# M-MO05-SU01:* -DoniphanCounty Event **Topeka** *Permit# M-KS72-SU02 :* -Shawnee County **Wichita** *Permit# M-AR94-SU02:* -Sedgwick County	☑	3
Lbmp IDD&E - 09	Provide a contribution to area recycle programs or programs designed to properly dispose of types of waste or materials which have previously been discarded to or adjacent to either the MS4, streams, or lakes within or adjacent to the permit area. Must be *w/i* 30 miles from this permit area.	Contributions may be made to programs which take tires, automotive fluids, batteries, or other wastes. Contributions must total a minimum of $500 in the year points are claimed. Can be monetary or in the form of goods and/or services.	Yes	2	Interstate Services -District specific -Hire organizations to clean up litter along KDOT highways Adopt-a-Highway -Yearly announcement encouraging people to sign up -Litter cleanup Sponsor-a-Highway -Businesses pay a monthly fee to advertise on highway -Fee covers picking up trash	☑	2
Lbmp IDD&E - 10	Inspect, 5% of the MS4 system inlets and/or outfalls within the permit area all conducted within a 12-month period to aid in identifying illicit discharges. Higher point values available if 15% of MS4 inlets/outfalls are inspected.	Generate Summary Report: -No. inlets and/or outfalls visually inspected -Condition comments -Illicit discharges identified -Efforts to eliminate illicit discharge	Yes	3	Reports Portal: -Bridges -10'-20' Series Culverts -Culverts -Stormwater Infrastructure MQA Software: -0.1-mile segments -Drainage: 14% WF -Ditch, culverts/pipes, inlets, etc. Stormwater Management Map -ArcGIS Online -Includes bridges, 10'-20' series culverts, culverts less than 10', storm sewers, etc. per urbanized areas	☑	3

2023 - Illicit Discharge Summary	
Available Points	16
Requirement	7
Claimed Points	14
Meets Requirements	Yes

MCM4: Construction Site Stormwater Runoff Control

Provisions of the Federal Clean Water Act and related state rules and regulations require NPDES permit coverage where construction activities disturb one acre or more over the life of a project. KDOT obtains coverage for each project by submitting a Notice of Intent (NOI) to KDHE for authorization under the Kansas Water Pollution Control and NPDES Stormwater Runoff from Construction Activities General Permit. As a "non-traditional" MS4, KDOT does not have the authority to enact ordinances or resolutions requiring erosion or sediment control practices. Construction activities regulated under this program are primarily undertaken by contractors, who are subject to various contract requirements to provide erosion and sediment control appropriate for each project.

Reference Table 4.1 below for a list of available BMPs for implementation and their respective descriptions.

Table 4.1 - Available BMPs

Lbmp CSSRC	KDOT Applicability		Description
	Existing	Future	
01	Yes	Yes	Implement erosion control plan for land disturbances (1+ acres)
02	Yes	Yes	Develop and adopt an erosion and sediment control manual
03	Yes	Yes	Provide training on SWP2 requirements and BMP implementation
04	No	No	Develop site plan review process which considers water quality impacts
05	Yes	Yes	Establish requirements for construction sites to control wastes
06	Yes	Yes	Develop procedures for inspection of construction sites
07	Yes	Yes	Develop a software to track inspections

BMPs identified as applicable to KDOT are described in the following subsections.

Lbmp CSSRC - 01: Implement Erosion Control Plan for Land Disturbances (1+ acres)

Measurable Goal: Enact enforceable measure that requires a Soil Erosion and Sediment Control Plan.

Each project disturbing one acre or more is subject to the KDHE general permit requirements. These requirements include developing and implementing a stormwater pollution prevention plan (aka soil erosion and sediment control plan).

Section 901 of KDOT's Special Specifications details stormwater pollution management for land disturbances of greater than or equal to one-acre. The goal of Section 901 is to minimize or eliminate erosion, sediment, and other pollutants in stormwater runoff from construction sites by designing, implementing, inspecting, and maintaining applicable best management practices.

2023 Annual Report Update

Section 901 of KDOT's Special Specifications details stormwater pollution management for land disturbances. Effective January 25, 2022, a revised version of KDOT's Section 901 of the Special Specifications was implemented. In 2023, no changes were made to Section 901 but PQL 34.1 "Erosion Control Products" was updated in June 2023 eliminating products with plastic netting from Type C, D, E and F blankets.

Lbmp CSSRC - 02: Develop and Adopt an Erosion and Sediment Control Manual

Measurable Goal: Require implementation of BMPs in compliance with manual.

KDOT requires contractors to utilize KDOT's landscape standard sheets for implementation of BMPs on sites where land disturbance is greater than or equal to one-acre. Also provided by KDOT is a *Landscape Information Form* spreadsheet. This spreadsheet provides guidance for SWPPP-related quantities (e.g. slope protection, ditch checks, temporary berms, sediment basins, etc.). Both documents adhere to the rules and regulations placed by Section 901 (Stormwater Pollution Management) of the Special Specifications.

KDOT is in the process of updating the Temporary Erosion Control Manual. Last updated in 2007, this manual is undergoing an in-depth review process to emulate the information provided in the landscape standard sheets. It is expected that the updated manual will go into effect in the first quarter or second quarter of 2024.

2023 Annual Report Update

KDOT continues to utilize the landscape standard sheets for erosion and sediment control implementation on construction projects. Both the standard sheets and *Landscape Information Form* spreadsheet are available on KDOT's website under Standard Drawings: https://kart.ksdot.org/StandardDrawings/StandardDetail.aspx. An account is required to access these documents.

Standard sheets include the following: permanent seeding, flexible channel liners, slope protection, sediment storage basin, biodegradable log ditch checks, rock ditch checks, silt fence, biodegradable logs, inlet protection, temporary stream crossing, temporary slope drain.

The Temporary Erosion Control Manual is in the final review process and it is estimated that the manual will be released in the first or second quarter of 2024.

Lbmp CSSRC - 03: Provide Training on SWP2 Requirements and BMP Implementation

Measurable Goal: Training must address local requirements for SWP2 plan, BMPs, & permits.

KDOT partners with Kansas State University Salina Aerospace and Technology Campus to provide construction stormwater training for KDOT employees, consultants, and contractors. K-State offers online courses, online certification exams, and in-person field trainings.

For those conducting site inspections for compliance with the KDHE general permit, this training is required per KDOT policy. KDOT also requires this training for water pollution control managers (WPCM) and those with the responsibility for SWPPP review and approval.

Learning objectives include:

- Basic principles of erosion, sediment control and non-stormwater/waste management control
- NPDES permit requirements
- Stormwater related KDOT plans, specifications, and procedures
- Inspection requirements and procedures
- Common compliance issues
- BMP installation and inspection (field demonstration)

Located at Seeders Inc in Wichita, Kansas, the field day includes a 3-hour morning or afternoon session. Attendees gain hands-on experience with proper device installation and inspection, stockpile management, stabilization practices, seed and equipment, and SWPPP inspection requirements.

The exam consists of 40 multiple choice questions and lasts for a duration of one hour. A minimum score of 70% is required to pass. If a minimum score is not achieved, test takers may retake the exam but will be required to wait until the next testing session. This certificate is valid for four years after successfully completing the construction stormwater training.

More information regarding this training can be found here: https://www.salina.k-state.edu/research-training/training-professional-development/certified-inspector-training/courses/construction-stormwater-training.html

2023 Annual Report Update

In 2023, Construction Stormwater Training was held on March 28-29, May 17-18 and October 10. A total of 323 people were trained in 2023.

Lbmp CSSRC - 05: Establish Requirements for Construction Sites to Control Wastes

Measurable Goal: Enact means to control waste at construction sites.

Form 247 is mandatory for use on all KDOT owned projects requiring permit coverage. This form is also required for projects owned by a city, county, etc. using contracts administered by KDOT.

Established on August 7, 2013, this form was distributed to all KDOT field offices and made publicly available on KDOT's website. This form was also included in the Environmental Inspector Training materials as part of KDOT partnered training with Kansas State University Salina Aerospace and Technology Campus to provide construction stormwater training for KDOT employees, consultants, and contractors. K-State offers online courses, online certification exams, and in-person field trainings.

Form 247 was revised in March 2018 to provide clarification and address questions.

Form 247

The instructions for Form 247 include the inspection procedures and guidance. Waste control and housekeeping measures are found on tab titled "GENERAL – 247A". Instructions for this tab can be found on page one of the instructions under Overall Site Issues. This section is dedicated to the "big picture" items as well as general housekeeping issues.

The "GENERAL – 247A" tab covers the requirements for controlling wastes on construction sites and to prevent reentry into the area. The following items are included in this inspection:

- Discarded building materials
- Concrete
- Truck washout
- Chemicals
- Litter
- Sanitary waste

The inspector may also include observations and remarks for each activity.

2023 Annual Report Update

Both Form 247 and Form 247 Instructions are made available to the public on KDOT's Construction Stormwater and Pollution Control website. The documents can be found here: https://www.ksdot.org/bureaus/burConsMain/Connections/swppp.asp.

With the new Kansas Water Pollution Control General Permit and Authorization to Discharge (General Permit No. S-MCST-2209-1, July 29, 2022) requirements, Section 901 (in KDOT Construction Specifications) is expected to be updated in 2024.

Lbmp CSSRC - 06: Develop Procedures for Inspection of Construction Sites

Measurable Goal 1: Procedures must address administrative aspects, issuance of inspection reports, notices of violations, and enforcement actions.

Measurable Goal 2: Inspection guide must provide guidance on how to conduct site inspections, required procedures, guidance on acceptable BMP conditions, guidance on enforcement actions, guidance on photo log, and inspection checklists.

Form 247 is mandatory for use on all KDOT owned projects requiring permit coverage. This form is also required for projects owned by a city, county, etc. using contracts administered by KDOT.

Established on August 7, 2013, this form was distributed to all KDOT field offices and made publicly available on KDOT's website. This form was also included in the Environmental Inspector Training materials as part of KDOT partnered training with Kansas State University Salina Aerospace and Technology Campus to provide construction stormwater training for KDOT employees, consultants, and contractors. K-State offers online courses, online certification exams, and in-person field trainings.

Form 247 was revised in March 2018 to provide clarification and address questions.

Form 247 Instructions

The instructions for Form 247 include the inspection procedures and guidance. Reference the following pages for further guidance:

- General Form Instructions: Page 1
    - Provides guidance for the following:
        - Cover and Certification
        - Sediment Control and Other Structural BMPs (acceptable BMP conditions)
        - Rainfall Log
        - BMP Deficiencies (includes corrective actions for site violations)
- Post-Construction (PC) Inspections: Page 4
- Permit Termination: Page 4

Form 247

KDOT's Form 247 requires inspectors to document conditions for construction sites. This form is divided into the following key elements:

- General Issues/Housekeeping
- Disturbed Areas/Site Erosion
- Sediment Control and Other Structural BMPs
- Rainfall Log
- BMP Deficiencies

According to Section 901 (in KDOT Construction Specifications), inspections are to be performed every two weeks.

In addition to meeting the requirements of the Specifications, the procedures require that the contractor jointly participate in all project inspections. This requirement is intended to promote collaboration in the evaluation and decision process, and for the contractor to be immediately aware of identified deficiencies. Photos are encouraged with form submissions.

2023 Annual Report Update

Both Form 247 and Form 247 Instructions are made available to the public on KDOT's Construction Stormwater and Pollution Control website. The documents can be found here: https://www.ksdot.org/bureaus/burConsMain/Connections/swppp.asp.

With the new Kansas Water Pollution Control General Permit and Authorization to Discharge (General Permit No. S-MCST-2209-1, July 29, 2022) requirements, Section 901 (in KDOT Construction Specifications) is expected to be updated in 2024.

Lbmp CSSRC – 07: Develop a Software to Track Inspections

Measurable Goal: Tracking system must schedule inspections & follow-up activities

KDOT requires all completed inspection reports to be submitted to the Area Engineer and the contractor's Water Pollution Control Manager within 24 hours of each inspection. Within three days, the Area Engineer is responsible for signing the inspection report and submitting it to the following email address: KDOT.stormwaterinspection@ks.gov. A disincentive assessment may be issued if the inspection report is not submitted on time.

This methodology offers the Stormwater Compliance Engineer (SWCE) the ability to track the inspection process as well as provide any additional reviews. To assist the SWCE with the tracking and review of inspection reports, an Engineering Technician Specialist is assigned. This position is part-time and is from the Bureau of Construction Materials. The reports are left in the email and the original reports are to remain onsite.

2023 Annual Report Update

During the 2023 permit year, KDOT managed a spreadsheet that tracks inspections on active projects.

Table 4.2 – KDOT Inspection Tracking for Active Projects

Route	Co Num	Project	District - Area	Description	Disturbed acres	Kansas Permit	Fed Permit	Contractor	Contract #	Letting Date	NOTPR	NOTAC	Remarks	Permit Rec	Permit Version	Oversight Inspects
10	46	KA-6796-04	12	Emergency Repair /Ramp Improvements K-10/Lexington Ave in Desoto	6.1	S-KS12-0086	KSR121013	CLARKSON CONSTRUCTION COMPANY	12246796	05-Oct-22	10/25/22	06/23/23		11/14/22	2017	HQ-Lare
69	46	KA-5700-03	12	US-69 from 151st St N to 103rd St and Reconst the 167th St Interchange.	416.0	S-M039-0600	KSR120241	US 69 Express Construction, Jt Venture	2255700	01-Aug-22	11/03/22	11/30/26		01/21/22	2017	HQ-Lare
235	87	KA-3232-02	55	Reconst I-235/I-135/K254/K-96 Interchange in NE Wichita (Gold Project)	103.0	S-AR94-1769	KSR120654	BERGKAMP KING, A JOINT VENTURE, LLC	522112535	19-Oct-22	02/15/23	12/11/26		07/05/22	2017	HQ-Lare
235	87	KA-3232-03	55	Construct the NB I-135 to SB I-235 flyover ramp, including the connection from NB I-135 with a new bridge over the North Chisholm Creek crossing, and the SB I-135 to SB I-235 directional ramp	78.5	S-LA20-0068	KSR 116 020	DONDLINGER & SONS CONSTRUCTION CO INC	521022575	15-Feb-21	04/15/21	08/25/23		11/19/20	2017	HQ-Lare
470	89	KA-5766-01	14	Bridge Replacement Br 46 (WB 470 over I-70)	2.1	S-KS72-0733	KSR 121 111	A M COHRON & SON INC	523072141	19-Jul-23				12/27/22	2022	
24	89	KA-3236-01	14	Pvmt/Br Replacement from 468 ft E of Topeka Blvd to SN/JF Co Line. Br 84 and 85 over Soldier Cr, remove BR 82 and 83 over abandoned RR. Rehab Br 86 and 87 over K-4.	97.0	S-KS72-0723	KSR120790	KOSS CONSTRUCTION CO	523062141	21-Jun-23	08/01/23	05/28/27		08/22/22	2017	HQ-Lare
70	89	KA-1266-06	14	I-70 Polk/Quincy Viaduct ROW/Building Demolition	10.2	S-KS72-0708	KSR120214	BETTIS ASPHALT & CONSTRUCTION INC	522032121	16-Mar-22	09/06/22	08/30/24		12/16/21	2022	HQ-Lare
635	105	KA-5717-01	13	Bridge Replacement Br 36 Metropolitan Ave over I-635 1.11 Mi S of K-32 (2nd exit S of the RR yard.)	1.3	S-KS27-0363	KSR 121 604	CLARKSON CONSTRUCTION COMPANY	523112191	15-Nov-23	02/19/24	12/20/24		07/07/23	2022	
32	105	KA-3079-01	13	Bridge Replacements of Br 104 and 105 on K-32 at Turner Diagonal (K-32 EB and WB lanes)	12.9	S-KS27-0329	KSR 120 090	MILES EXCAVATING INC	522062161	15-Jun-22	10/03/22	11/22/24		10/25/21	2017	HQ-Rose
U073	105	KA-5241-01	13	US-73 & Parallel PKWY, Construct a signalized Restricted (reduced conflict) Crossing intersection at US-73/K-7 & Parallel Pkwy and improve vertical alignment to improve sight distance	23.2	S-KS04-0100	KSR 116 311	MILES EXCAVATING INC	522062171	15-Jun-22	09/12/22	01/26/24		02/23/21	2017	HQ-Rose

Kansas Department of Transportation

Stormwater Management Plan

Minimum Control Measure:
Construction Site Runoff

Permit Year:
2023

BMP	Summary	Measurable Goal	KDOT Availability		Reference	Claimed	
			Applicable	Points		2023	Points
Lbmp CSSRC - 01	Implement a requirement for a Soil Erosion and Sediment Control Plan for any land disturbance sites which are greater than or equal to 1 acre.	Enact enforcable measure that requires a Soil Erosion and Sediment Control Plan for construction activity disturbing equal to or greater than 1 acre	Yes	2	Section 901 Stormwater Pollution Management	☑	2
Lbmp CSSRC - 02	Develop and adopt a design manual for erosion and sediment control BMPs which are required to be used on sites on which disturbance will be equal to or greater than 1 acre.	Require implementation of BMPs in compliance with design manual	Yes	2	Section 901 Stormwater Pollution Management KDOT Temporary Erosion Control Manual *(updated)*	☑	2
Lbmp CSSRC - 03	Provide access to at least one training class for contractors / developers which provides training on requirements for a SWP2 and implementation of appropriate BMPs.	Training must: Address all local requirements for a SWP2 Plan Requirements for BMPs Permit Requirements	Yes	3	Kstate Polytechnic Campus - Construction Stormwater Training	☑	3
Lbmp CSSRC - 05	Establish effective requirements for construction sites to control wastes. Develop enforceable means requirements for construction site Operators or owners to control wastes. At a minimum control shall be imposed to prevent entry into the MS4 for the following wastes: **Discarded building materials** **Concrete** **Truck washout** **Chemicals** **Litter** **Sanitary waste**	Enact means to control wastes at construction sites	Yes	2	KDOT Form 247: -Instructions KDOT Form 247: -Excel File	☐ ☑	2
Lbmp CSSRC - 06	Develop written procedures for inspection of construction sites. Develop a Stormwater Construction Site Inspection Guide for use by inspectors.	Procedures **must:** Address administrative aspects with required inspections Issuance of inspection repots Notices of violations Enforcement actions Inspection Guide **must:** Provide guidance on how to conduct a construction site stormwater inspection Required procedures and guidance on acceptable conditions of BMPs employed on site Enforcement actions and/or reference of cases for enforcement by other staff Guidance on photo log of the inspection Inspection checklists	Yes	2	KDOT Form 247: -Instructions KDOT Form 247: -Excel File	☑	2
Lbmp CSSRC - 07	Acquire or develop a software tracking system to track inspections and related tasks.	Tracking system must: Schedule inspections Schedule follow-up activities (re-inspections, mailing notices or reports)	Yes	1	ASHTOware -Inspection tracking software	☑	1

2022 - Construction Site Runoff Summary	
Available Points	12
Requirement	6
Claimed Points	12
Meets Requirements	Yes

Route	Co Num	Project	District - Area	Description	Disturbed acres	Kansas Permit	Fed Permit	Contractor	Contract #	Letting Date	NOTPR	NOTAC	Remarks	Permit Rec	Permit Version	Oversight Inspector
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235	87	KA-3232-03	55	Construct the NB I-135 to SB I-235 flyover ramp, including the connection from NB I-135 with a new bridge over the North Chisholm Creek crossing, and the SB I-135 to SB I-235 directional ramp	78.5	S-LA20-0068	KSR 116 020	DONDLINGER & SONS CONSTRUCTION CO INC	521022575	15-Feb-21	04/15/21	08/25/23		11/19/20	2017	HQ-Lare
470	89	KA-5766-01	14	Bridge Replacement Br 46 (WB 470 over I-70)	2.1	S-KS72-0733	KSR 121 111	A M COHRON & SON INC	523072141	19-Jul-23				12/27/22	2022	
24	89	KA-3236-01	14	Pvmt/Br Replacement from 468 ft E of Topeka Blvd to SN/JF Co Line. Br 84 and 85 over Soldier Cr, remove BR 82 and 83 over abandoned RR. Rehab Br 86 and 87 over K-4.	97.0	S-KS72-0723	KSR120790	KOSS CONSTRUCTION CO	523062141	21-Jun-23	08/01/23	05/28/27		08/22/22	2017	HQ-Lare
70	89	KA-1266-06	14	I-70 Polk/Quicy Viaduct ROW/Building Demolition	10.2	S-KS72-0708	KSR120214	BETTIS ASPHALT & CONSTRUCTION INC	522032121	16-Mar-22	09/06/22	08/30/24		12/16/21	2022	HQ-Lare
635	105	KA-5717-01	13	Bridge Replacement Br 36 Metropolitan Ave over I-635 1.11 Mi S of K-32 (2nd exit S of the RR yard.)	1.3	S-KS27-0363	KSR 121 604	CLARKSON CONSTRUCTION COMPANY	523112191	15-Nov-23	02/19/24	12/20/24		07/07/23	2022	
32	105	KA-3079-01	13	Bridge Replacements of Br 104 and 105 on K-32 at Turner Diagonal (K-32 EB and WB lanes)	12.9	S-KS27-0329	KSR 120 090	MILES EXCAVATING INC	522062161	15-Jun-22	10/03/22	11/22/24		10/25/21	2017	HQ-Rose
U073	105	KA-5241-01	13	US-73 & Parallel PKWY, Construct a signalized Restricted (reduced conflict) Crossing intersection at US-73/K-7 & Parallel Pkwy and improve vertical alignment to improve sight distance	23.2	S-KS04-0100	KSR 116 311	MILES EXCAVATING INC	522062171	15-Jun-22	09/12/22	01/26/24		02/23/21	2017	HQ-Rose

MCM5: Post-Construction Stormwater Runoff

KDOT shall develop, implement, and enforce a program to manage post-construction stormwater runoff within KDOT right-of-way. This program will focus on implementing and enforcing a Stormwater Control Measure Manual for the purpose of providing guidance on the design, construction, and maintenance of stormwater control measures (SCMs).

Reference Table 5.1 below for a list of available BMPs for implementation and their respective descriptions.

Table 5.1 - Available BMPs

Lbmp P-CSM	KDOT Applicability		Description
	Existing	Future	
01	Yes	Yes	Develop and adopt custom Post-Construction Stormwater Management manual
02	Yes	Yes	Develop a list of post-construction structural or non-structural BMPs
03	No	Yes	Develop and implement a program to ensure long-term operation & maintenance of BMP facilities
04	No	No	Develop a plan which establishes zoning and development standards
05	No	Yes	Develop and implement a program for inspection of permittee owned structural BMPs
06	No	No	Develop and implement a program for inspection of privately owned structural BMPs
07	No	No	Enact enforceable requirement which requires installation of pervious surfaces on property
08	No	No	Implement a program to encourage residents to install stormwater BMPs

BMPs identified as applicable to KDOT are described in the following subsections.

Lbmp P-CSM - 01: Develop and Adopt Custom Post-Construction Stormwater Management Manual

Measurable Goal: Capture at least the first 0.5" of precipitation on the project site. Reduce peak stormwater flow rate through BMP implementation to a rate equal to or less than conditions prior to project.

In 2021, KDOT developed and implemented the Stormwater Control Measure Manual. The purpose of this manual is to provide guidance on the design, construction, and maintenance of stormwater control measures (SCMs) within KDOT's right-of-way. Also known as best management practices (BMPs), SCMs are techniques used for post-construction stormwater management to reduce the volume of stormwater runoff and prevent adverse water quality into local MS4s.

The Stormwater Control Measure Manual is required when a project disturbs one acre or greater of land during construction. The manual requires that the project site capture at least the first 0.5" of precipitation that falls over the project area. Once the post-construction requirement is triggered, SCMs should be given preference in the following sequence:

- Preference 1: Preserve or Re-Establish Vegetation
- Preference 2: Design Infiltration Practice
- Preference 3: Reduce Peak Flow Rates

Preference 1 prioritizes preserving or re-establishing vegetation along the project site. In the Stormwater Control Measure Manual, Table 2.2 of Section 2 provides the maximum loading ratio permitted for the SCM in this Preference, also reprinted here as Table 5.2. The loading ratio represents the impervious tributary area: SCM footprint. The following SCM is to be utilized for Preference 1:

- Stormwater Right-of-Way

Table 5.2 - Preference 1 SCM Loading Ratio (Stormwater Control Measures Manual, Version 1, 2022)

Stormwater Control Measure	Maximum Loading Ratio[1]
Stormwater Right-of-Way A median, shoulder, or other right-of-way section that directly receives stormwater runoff from tributary impervious areas. A Stormwater Right-of-Way, for the purposes of a stormwater control measure, is measured from the edge of pavement to the lowest point of the right-of-way section, extending through the lowest elevation.	5:1

[1]Loading Ratios have been adapted from the *NCHRP Guidance Manual* (Table 23, NCHRP 2019)

Preference 2 prioritizes designing infiltration practices to capture the runoff volume. The stormwater runoff volume and the SCM volume is calculated to capture of the first 0.5" of precipitation that falls over the project area. The following SCMs are to be utilized for Preference 2:

- Infiltration Trench
- Bioretention

If Preference 1 or 2 cannot be implemented, the designer shall implement Preference 3 to reduce peak stormwater flow rate to a value equal to or less than the rate which would be experienced on the site prior to the project. The designer shall manage the stormwater runoff from the project site for a 50% probability exceedance event based on NOAA Atlas 14, 6-hour duration, median first quartile peak rainfall intensity to a 50% probability of exceedance, pre-project rate. The following SCMs are to be utilized for Preference 3:

- Detention Basin
- Constructed Wetland

2023 Annual Report Update

Developed in 2021, the Stormwater Control Measure Manual is used when a project disturbs one acre or greater of land during construction on a route within the permitted urbanized area. The purpose of this manual is to provide guidance on the design, construction, and maintenance of stormwater control measures (SCMs) within KDOT's right-of-way. The manual was utilized for the entirety of 2023.

The Stormwater Control Measure Manual is available here:
https://www.ksdot.org/bureaus/burMaint/StormWater/StormwaterControlMeasureManual.asp

Lbmp P-CSM - 02: Develop a List of Post-Construction Structural or Non-Structural BMPs

Measurable Goal: Develop and implement list and guidance.

In 2021, KDOT developed and implemented the Stormwater Control Measure Manual. The purpose of this manual is to provide guidance on the design, construction, and maintenance of stormwater control measures (SCMs) within KDOT's right-of-way. Also known as best management practices (BMPs), SCMs are techniques used for post-construction stormwater management to reduce the volume of stormwater runoff and prevent adverse water quality into local MS4s.

The Stormwater Control Measure Manual is required when a project disturbs one acre or greater of land during construction. The manual requires that the project site capture at least the first 0.5" of precipitation that falls over the project area. The following SCMs are listed in the Stormwater Control Measure Manual:

- Stormwater Right-of-Way (non-structural BMP)
- Infiltration Trench (structural BMP)
- Bioretention (structural BMP)
- Detention Basin (structural BMP)
- Constructed Wetland (structural BMP)

Reference Section 3 of the Stormwater Control Measure Manual for a breakdown of the SCM types. This breakdown includes a brief description, benefits, design considerations, and maintenance activities. Stormwater Control Measure Manual Table 3.1 (reprinted here as Table 5.3) includes a breakdown of SCM suitability by project site feature (e.g., narrow medians, interchange medians, low traffic areas, etc.).

Table 5.3 – SCM Suitability by Site Feature (Stormwater Control Measures Manual, Version 1, 2022)

Site Features	Preference 1 SCM	Preference 2 SCMs	Preference 3 SCMs
Narrow Medians	X	X	
Wide Medians	X	X	X
Shoulders	X	X	
ROW locations with limited uses (wide spots, irregular geometries, interchange infields/unpaved gore areas)	X	X	X
Low Traffic Areas, Maintenance Yards, etc.	X	X	X

Note: adapted from the *NCHRP Guidance Manual* (Table 12, NCHRP 2019)

The Stormwater Control Measure Manual requires designers to utilize the Stormwater Control Measure Form to determine and design the SCMs. This form is included with the manual and submitted with the final design package.

2023 Annual Report Update

Developed in 2021, the Stormwater Control Measure Manual is used when a project disturbs one acre or greater of land during construction. The purpose of this manual is to provide guidance on the design, construction, and maintenance of stormwater control measures (SCMs) within KDOT's right-of-way. The manual was utilized for the entirety of 2023. The manual includes a list of both structural and non-structural BMPs, with guidance on implementation of both.

The Stormwater Control Measure Manual is available here:
https://www.ksdot.org/bureaus/burMaint/StormWater/StormwaterControlMeasureManual.asp

Lbmp P-CSM - 03: Develop and Implement a Program to Ensure Long-Term Operation & Maintenance of BMP Facilities

Measurable Goal: The program shall be detailed in a written document and made available to all pertinent maintenance staff.

2023 Annual Report Update

Stormwater Control Measures are currently in the design phase. Note that the Stormwater Control Measures Manual includes the Stormwater Control Measure Maintenance Form, to be completed during the design phase for reference by maintenance staff. This form is available at the following link:

https://www.ksdot.org/bureaus/burMaint/StormWater/StormwaterControlMeasureManual.asp

Lbmp P-CSM - 05: Develop and Implement a Program for Inspection of Permittee Owned Structural BMPs

Measurable Goal 1: Program shall inspect at least 10% of structural BMPs annually.

Measurable Goal 2: Maintenance activities shall be completed in the same year of inspection, as dictated by the O&M plan, etc.

2023 Annual Report Update

Stormwater Control Measures are currently in the design phase. Note that the Stormwater Control Measures Manual includes the Stormwater Control Measure Maintenance Form, to be completed during the design phase for reference by maintenance staff. The form is available at the following link:

https://www.ksdot.org/bureaus/burMaint/StormWater/StormwaterControlMeasureManual.asp

Kansas Department of Transportation

Stormwater Management Plan

Minimum Control Measure:
Post-Construction Stormwater Management

Permit Year:
2023

BMP	Summary	Measurable Goal	KDOT Availability		Reference	Claimed	
			Applicable	Points		2023	Points
Lbmp P-C S M - 01	Develop and adopt a custom design manual for Post-Construction Stormwater Management which specifies various structural BMPs which are required for projects where 1 acre or greater is disturbed during construction. Alternatively, adopt and implement the APWA 5600 Stormwater Design Criteria and the MARC/APWA BMP Manual.	The custom design manual shall impose requirements to achieve at least one of the following standards: *Capture at least the first 0.5" of precipitation on the project site, and utilize methods to prevent discharge off site, including but not limited to: retain on-site; infiltrate; evaporate; transpire; beneficial reuse *Through permanent BMP implementation, reduce the peak stormwater flow rate to a value equal to or less than the rate which would be experienced on the site prior to the project based on modeling a standard storm event (i.e. 1", 6 hr assuming saturated soil conditions.	Yes	3	KDOT's Stormwater Control Measure Manual	☑	3
Lbmp P-C S M - 02	Develop a list of post-construction structural or non-structural BMPs which are required to be incorporated in any project. The list must include guidance regarding the BMPs which must be incorporated in various projects as determined appropriate by the permittee. The list is to be provided to entities involved with the design of projects priori to site plan reivew by the permittee.	Development and implementation of the list and guidance is necessary to claim points in year 1; the list must be enforceable.	Yes	2	KDOT's Stormwater Control Measure Manual	☑	2
Lbmp P-C S M - 03	Develop and implement a program to ensure adequate long-term cleaning, operation and maintenance of all municipally owned or operated post-construction structural stormwater BMP facilities. The program shall address several different types of these BMP systems. The Systems, which are addressed, shall include any type of post-construction structure BMP system contained in the MS4,. These shall include, if so present, at a minimum the following: detention ponds, retention ponds, grass swales, pervious paving systems, wetlands, vegetative filter strips, manufactured stormwater treatment devices, drop inlet catch basin	The program shall be detailed in a written document and made available to all pertinent maintenance staff.	Yes	3	Use Checklists in KDOT's Stormwater Control Measure Manual; Develop GIS System for use in long-term tracking KDOT's Operations & Maintenance (O&M) Manual	☑	3
Lbmp P-C S M - 05	Develop and implement a program for inspection of permittee owned structural BMPs which includes implementation of needed maintenance to ensure long-term operation of the BMPs.	Program shall: *inspect at least 10% of the structural BMPs on an annual basis Maintenance activities shall be completed: *in the same year of inspection, or *completed as dictated by the O&M Plan, or *a written plan for completion of the necessary maintenance shall be completed in the same year of inspection with the objective for completion of the maintenance activity within 18 months.	Yes	3	Process to inspect and record maintenance activites KDOT's Operations & Maintenance (O&M) Manual	☑	3

2023 - Post-Construction Stormwater Management	
Available Points	11
Requirement	7
Claimed Points	11
Meets Requirements	Yes

MCM6: Pollution Prevention / Good Housekeeping

KDOT implements a combination of pollution prevention and good housekeeping practices at its facilities and within the KDOT maintained right-of-way within the urbanized areas as defined by the permit. KDOT recognizes the benefits of pollution prevention practices and has developed measurable goals to satisfy BMP requirements and that can also be implemented throughout KDOT facilities.

Reference Table 6.1 below for a list of available BMPs for implementation and their respective descriptions.

Table 6.1 - Available BMPs

Lbmp P P/G H	KDOT Applicability		Description
	Existing	Future	
01	No	No	Install a screening device at an MS4 outfall
02	Yes	Yes	Implement recycle and proper waste disposal program
03	Yes	Yes	Develop a guidance document for applying pesticides
04	Yes	Yes	Proper disposal of vehicle & equipment washing
05	Yes	Yes	Implement a Street Sweeping Program
06	Yes	Yes	Develop staff training program to minimize stormwater pollution
07	Yes	Yes	Develop a program to inspect stormwater inlets
08	Yes	Yes	Develop and maintain an online storm sewer map
09	No	No	Identify facilities that can be retrofitted for stormwater BMPs
10	No	No	Install a constructed wetland at an industrial/commercial facility
11	No	No	Install a covered area for de-icing chemicals
12	No	No	Install a system for capturing trash, sediment, or debris at outfalls

BMPs identified as applicable to KDOT are described in the following subsections.

Lbmp P P/G H - 02: Implement Recycle and Proper Waste Disposal Program

Measurable Goal: Provide log that details weight or volume of materials and date of transport.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

Section 12.43 of the Highway Maintenance Manual requires KDOT to monitor the following items on project construction sites:

- Mud pit waste
- Solvents in paint waste
- Paint waste from highway striping removal operation
- Oil burner
- Wastewater stabilization
- Waste determination:
    - Special waste: requires special handling, trained professionals, and/or special disposal methods
    - Universal waste: contains materials that can be elevated to potentially hazardous waste
    - Orphaned waste: potentially hazardous waste found in containers that have been illegally dumped
    - Hazardous waste: poses potential threats to public health or environment
        - Characteristics: flammable, reactive, corrosive, and/or toxic
- Lead based paint content

Section 12.44 of the Highway Maintenance Manual includes a list of forms and letter that KDOT utilizes for determining how to address waste determination and disposal on project construction sites and at KDOT facilities. The forms include the following:

- KDOT Guidance to Determining Hazardous Waste
- KDOT Wash Bay Checklist for Handling Mud Trap
- KDOT Wash Bay Checklist for Water Removal
- KDOT Checklist for Handling Orphaned Waste
- KDOT Guidance for Universal Waste
- KDHE Special Waste Disposal Request Form
- Letter to Request Special Waste Authorization

2023 Annual Report Update

Guidance regarding KDOT processes to address waste determination and disposal can be found in the Highway Maintenance Manual, section 12.43. The Highway Maintenance Manual (aka KDOT Maintenance Manual) is available to all KDOT employees through the intranet. Formal training that reinforces the Highway Maintenance Manual is required of KDOT employees in order to move into new positions.

Also available to all KDOT employees through the intranet are the checklists regarding waste determination and disposal on project sites and at KDOT facilities (Referenced in the Highway Maintenance Manual, Section 12.44).

Lbmp P P/G H - 03: Develop a Guidance Document for Applying Pesticides

Measurable Goal: Require usage of pesticides to comply with the guidance document.

Section 4.5 of KDOT's Highway Maintenance Manual requires the application of pesticides to be done by a licensed sprayer under the Kansas Department of Agriculture. Pesticides includes both herbicides and pesticides. Applying herbicides provides an effective and efficient method of managing roadside vegetation.

2023 Annual Report Update

Guidance regarding pesticide application and usage can be found in the Highway Maintenance Manual, Section 4.5. The Highway Maintenance Manual (aka KDOT Maintenance Manual) is available to all KDOT employees through the intranet.

For 2023, KDOT contracted pesticide application within the MS4 areas: Wyandotte and Johnson counties, within the Kansas City urbanized area. Within the other urbanized areas, KDOT contracts with the respective county noxious weed management staff for pesticide application. The following County Noxious Weed Departments are contracted with KDOT: Doniphan, Douglas, Riley, Sedgwick and, Shawnee. Contract language includes requirements for application by a licensed sprayer under the Kansas Department of Agriculture.

Lbmp P P/G H - 04: Proper Disposal of Vehicle & Equipment Washing

Measurable Goal: Develop guidance for vehicle and/or equipment washing and proper water disposal.

For KDOT facilities with wash bays, all equipment and vehicles are to be washed on site. KDOT's wash bays are connected to sanitary sewer via a three-compartment sediment separator. The purpose of the sediment separators is to filter water before it enters the sanitary sewer system. KDOT built these facilities in the 1990s.

For KDOT facilities without wash bays, equipment and vehicles must be taken to another KDOT facility with a wash bay or to a commercial car wash facility.

Reference Section 12.44 of KDOT's Highway Maintenance Manual for checklists utilized for addressing waste disposal at wash bays:

- KDOT Guidance to Determining Hazardous Waste
- KDOT Wash Bay Checklist for Handling Mud Trap
- KDOT Wash Bay Checklist for Water Removal

2023 Annual Report Update

Guidance regarding vehicle washing can be found in the Highway Maintenance Manual, section 12.44. The Highway Maintenance Manual (aka KDOT Maintenance Manual) is available to all KDOT employees through the intranet. Formal training that reinforces the Highway Maintenance Manual is required of KDOT employees in order to move into new positions.

Also available to all KDOT employees through the intranet are the checklists handling mud trap and water removal at KDOT wash bays.

Lbmp P P/G H - 05: Implement a Street Sweeping Program

Measurable Goal: Provide a schedule for street sweeping.

Measurable Goal 2: Provide information on street sweeping activity.

To remove debris such as sand and dirt from paved surfaces, shoulders, curbs, gutters, and median barriers KDOT utilizes mechanical sweeping.

If street sweeping is contracted out, contractors are responsible for disposal. If street sweeping is performed by KDOT, the collection is incorporated into fill material or disposed of at the local landfill.

For the duration of this permit, a record of street sweeping activities is kept at the Area office, with the Area office managing street sweeping activities.

2023 Annual Report

Reference Table 6.2 for the frequencies at which each urbanized area, KDOT right-of-way is swept.

Table 6.2 – Sweeping Frequencies per Urbanized Area

Urbanized Area	Frequency
Kansas City	Once per Month
Lawrence	Once in May & October
Manhattan	Once in April & October
Topeka	Once in May & October
Wichita	Twice/Month

Sweeping in the Lawrence and Topeka urbanized areas is performed by KDOT along the applicable routes (US 59 bridge, north; K-10; I-70 barrier wall; US 75 bridge; Polk Quincy viaduct). Sweeping services are contracted out in the remaining urbanized areas (Manhattan (US 24; K-18; K-113), Wichita (US 54; I-135; I-235; K-15; K-96), Kansas City (I-35, I-70, I-435, I-635, I-670, US69, and K-10)).

KDOT contracted Kasper, LLC to provide sweeping services focused on the Kansas City metro starting in October 2021. Work continued throughout 2022 and 2023. The sweeping services will be provided for approximately 68.5 miles along major highway corridors in both Johnson and Wyandotte counties. Reference the following memo for additional information: Litter Removal and Sweeping Services Clean up KC Metro Roadways. From January – November 2023, Kasper collected an estimated 604 tons of debris.

*The points associated with LbMP P P/G H – 05 are not being claimed for the St. Joseph urbanized area, Permit M-MO05-SU01.

Lbmp P P/G H - 06: Develop Staff Training Program to Minimize Stormwater Pollution

Measurable Goal: Provide guidance documents, in-person training, or videos.

Construction Stormwater Training

KDOT partners with Kansas State University Salina Aerospace and Technology Campus to provide construction stormwater training for KDOT employees, consultants, and contractors. K-State offers online courses, online certification exams, and in-person field trainings. Some instructors include KDOT employees.

For those conducting site inspections for compliance with the KDHE general permit, this training is required per KDOT policy. KDOT also requires this training for water pollution control managers (WPCM) and those with the responsibility for SWPPP review and approval.

Learning objectives include:

- Basic principles of erosion, sediment control and non-stormwater/waste management control
- NPDES permit requirements
- Stormwater related KDOT plans, specifications, and procedures
- Inspection requirements and procedures
- Common compliance issues
- BMP installation and inspection (field demonstration)

Located at Seeders Inc in Wichita, Kansas, the field day includes a 3-hour morning or afternoon session. Attendees will gain hands-on experience with proper device installation and inspection, stockpile management, stabilization practices, seed and equipment, and SWPPP inspection requirements.

The exam consists of 40 multiple choice questions and lasts for a duration of one hour. A minimum score of 70% is required to pass. If a minimum score is not achieved, test takers may retake the exam but will be required to wait until the next testing session. This certificate is valid for four years after successfully completing the construction stormwater training.

More information regarding this training can be found here: https://www.salina.k-state.edu/research-training/training-professional-development/certified-inspector-training/courses/construction-stormwater-training.html

Stormwater Awareness Training

All KDOT maintenance staff are required to complete the Stormwater Awareness Training on an annual basis. This training is available through KDOT's Learning Management Center.

Spill Prevention, Control, and Countermeasure (SPCC) Plan Training

SPCC Plan training is available to KDOT employees through the Learning Management Center. The purpose of this training is to provide guidance to KDOT employees regarding oil spills and preventing spills from discharging into Waters of the US.

Facility Training

Several training sessions were offered at KDOT Maintenance Facilities in Districts throughout the state, facilitated by the Stormwater Program Manager.

2023 Annual Report Update

In 2023, Construction Stormwater Training was held on March 28-29, May 17-18 and October 10. A total of 323 people were trained in 2023.

All KDOT maintenance staff are required to complete the Stormwater Awareness Training. This training is available through KDOT's Learning Management Center. There were 214 personnel trained in 2023.

The Spill Prevention, Control, and Countermeasure (SPCC) Plan Training was held as part of safety meetings at each Area during 2023.

Table 6.3 details Facility Training sessions facilitated in 2023.

Table 6.3 - 2023 Summary of Facility Training

District	Training	Dates Held
3	General Stormwater Topics	3/29/23
6	General Stormwater Topics	3/30/23
2	General Stormwater Topics	4/20/23
All	General Stormwater Topics for Maintenance Managers	4/5/23
All	General Stormwater Topics for Shop Superintendents	5/10/23

Lbmp P P/G H - 07: Develop a Program to Inspect Stormwater Inlets

Measurable Goal: Inspect at least 5% of all inlets annually, remove accumulated debris.

The purpose of the MQA program is to identify and prioritize maintenance projects and resources. According to the Maintenance Quality Assurance Program Manual (page 28), thirty 0.1-mile sample segments per maintenance subarea are randomly selected using the CANSYS database and rated against a level of service (LOS) criteria. These inspections occur annually in October. Upon completion, KDOT compares the resulting LOS to the target LOS values. The five maintenance categories include travelway, traffic guidance, shoulders, drainage, and roadside.

Drainage is broken up into the following elements: curb & gutter, ditch, erosion control devices, culverts & pipes (excludes serial numbered structures), edge & underdrains, and inlets. A weighting factor of 14% is applied to drainage when determining the LOS. The statewide/district targeted LOS for drainage is 85.

As defined in KDOT's MQA Manual, drainage inlets are structures through which the water enters the drainage culverts and pipes. A grate or access cover is used to trap/prevent entry of debris. For inlets to pass inspection, they must meet the following LOS criteria:

- 75% of cavity per structure is free of debris & operates as intended
- The inlet grate and access cover are present, where applicable
- The unit is structurally sound

Inspections are documented through the MQA inspection form. The purpose of the form is to record whether each element meets the associated LOS criteria. Upon completion, copies of these forms are sent to District MQA committee members and Area Superintendents. The inspection results are reported into KDOT's Report Portals. Original copies of the form are maintained for one-year.

2023 Annual Report Update

Table 6.4 contains information regarding the total structure inspections that occurred in 2021-2023 against the total structures in each urbanized area. This data was pulled from KDOT's Reports Portal up to December 31, 2023.

Table 6.4 – 2021-2023 Structure Inspections per Urbanized Area

			2021	2022	2023
Urbanized Area	**County**	**Total Structures**	**Total Inspections**	**Total Inspections**	**Total Inspections**
Kansas City	Johnson, Wyandotte	549	226	298	318
Lawrence	Douglas	145	3	124	122
Manhattan	Riley	85	48	34	32
St. Joseph	Doniphan	49	31	5	6
Topeka	Shawnee	225	3	203	186
Wichita	Sedgwick	461	56	350	346

KDOT manages a report of MQA program roadway segments completed annually. This list for 2023 is provided in the documentation for each urbanized area.

Lbmp P P/G H - 08: Develop and Maintain an Online Storm Sewer Map

Measurable Goal: Map shall cover entire MS4 within the permit area and include all pipes, open drainage, and impaired waterways.

MS4 Stormwater Outfall Inventory Maps

KDOT maintains stormwater outfall inventory maps in PDF format. These maps identify locations where KDOT's stormwater systems in applicable urbanized areas discharge into stream, lakes, and wetlands. The maps cover the following regulated urbanized areas:

- Kansas City
- Lawrence
- Manhattan
- Topeka
- Wichita

Reference the following link to find the maps on KDOT's Stormwater Management Program website: https://www.ksdot.org/bureaus/burMaint/StormWater/SWOutfallInventMaps.asp.

Transportation Planning – State System Map

KDOT developed and maintains an ArcGIS map available in Map Viewer through the KDOT website dedicated to locating bridges and culverts greater than 10-feet in diameter (10'-20' series culverts) within the state of Kansas.

This map is made available to the public on KDOT's website: https://ksdot.maps.arcgis.com/home/index.html.

Additional detailed bridge information and inspection data is available for KDOT internal use only. Each structure mapped includes the following information, linked to internal KDOT databases:

- Structure log
- Structure information report
- Bridge inspection form
- Structural Inventory and Appraisal (SI&A) report

Mapped culverts greater than 10-feet in diameter include linked database fields such as built date, design load, and box height. Inspection records for these structures are available through KDOT internal databases.

2023 Annual Report Update

Reference the MS4 Stormwater Outfall Inventory Maps online at https://www.ksdot.org/bureaus/burMaint/StormWater/SWOutfallInventMaps.asp. Reference KDOT's Transportation Planning – State System Map, State Bridges and Culverts layers at https://ksdot.maps.arcgis.com/home/index.html.

Kansas Department of Transportation

Stormwater Management Plan

Minimum Control Measure:
Pollution Prevention / Good Housekeeping

Permit Year:
2023

BMP	Summary	Measurable Goal	KDOT Availability		Reference	Claimed	
			Applicable	Points		2023	Points
Lbmp P P/G H - 02	Implement a recycle and property waste disposal program for municipal staff to reduce potential for litter, to recycle waste oil, batteries, glass containers, plastic containers, and paper products.	Log of materials. Entries in the log shall record the following: -Weight or volume of recycle materials -Date of transport	Yes	2	KDOT Highway Maintenance Manual	☑	2
Lbmp P P/G H - 03	Develop a guidance document for municipal staff or third-party contractors which apply pesticides. The guidance shall require any municipal staff who apply restriced use pesticides, to have a commercial applicator certification from the KDA if required by that department.	Require staff which apply pesticides to use such pesticides in compliance with the guidance document.	Yes	1	KDOT Highway Maintenance Manual	☑	1
Lbmp P P/G H - 04	Implement a program with guidance to municipal staff or third-party contractors, to ensure any municipal vehicle or other mechanical equipment washing is conducted in a manner which ensures the wash water is disposed of in the sanitary sewer or otherwise receives proper treatment prior to discharge to the environment.	Maintain proper wash facilities for staff to wash vehicles and/or equipment or implement a program which includes guidance to municipal staff to take vehicles and/or equipment to commercial wash facilities, either of which ensures the wash water is conveyed to the sanitary sewer, or otherwise receives proper treatment prior to discharge to the environment.	Yes	1		☑	1
Lbmp P P/G H - 05	Implement a program for street sweeping in which the street sweepings are collected and disposed of properly or recycled/reused if possible	Schedule for street sweeping Log of the following: -Where occurred -Date occurred -Where material is disposed -Where material was sent to be recycled/reused	Yes	2		☑	2
Lbmp P P/G H - 06	Develop an employee training program to ensure permittee's staff understand what actions they can take in the workplace to minimize stormwater pollution	Provide guidance documents in the form of either fact sheets, flyers or emails to staff to coach them in appropriate actions they can take while working toward minimizing stormwater pollution. Provide in-person training or videos with sign-in sheets. Provide log of when distributed or when the training was held.	Yes	1	Kstate Polytechnic Campus - Construction Stormwater Training Internal Trainings: -Stormwater Awareness Training -SPCC Training	☑	1
Lbmp P P/G H - 07	Implement a program to inspect stormwater inlets to identify illicit discharges and clean drop inlets of accumulated debris.	Inspect at least 5% of all inlets annually. If 10% of all inlets are inspected in a year additional points may be claimed.	Yes	1	MQA Software: -0.1-mile segments -Drainage: 14% WF -Ditch, culverts/pipes, inlets, etc.	☑	1
Lbmp P P/G H - 08	Develop, implement and keep updated an online storm sewer map accessible to the public	Map shall cover the entire MS4 within the permit area and include all the MS4 lines both pipe and open drainage; shall illustrate all impaired waterways, with documentation of listed impairment.	Yes	2		☑	2

2023 - Pollution Prevention / Good Housekeeping	
Available Points	10
Requirement	6
Claimed Points	10
Meets Requirements	Yes

BRIDGE_ID	COUNTY	INSPDATE	CHANNEL_RATING	WATERWAY_ADEQUECY	GFP
0008-B0001	BUTLER	10/10/2022	6	6	Good
0008-B0003	BUTLER	10/10/2022	7	8	Good
0008-B0004	BUTLER	10/10/2022	7	7	Good
0008-B0005	BUTLER	10/10/2022	7	5	Fair
0008-B0006	BUTLER	10/10/2022	7	5	Fair
0008-B0012	BUTLER	10/11/2022	7	8	Good
0008-B0014	BUTLER	10/14/2022	7	7	Fair
0008-B0016	BUTLER	10/12/2022	7	6	Good
0008-B0018	BUTLER	10/12/2022	7	6	Good
0008-B0025	BUTLER	10/3/2022	6	6	Fair
0008-B0027	BUTLER	10/13/2022	7	4	Good
0008-B0029	BUTLER	10/3/2022	6	5	Fair
0008-B0030	BUTLER	10/10/2022	7	8	Fair
0008-B0032	BUTLER	10/11/2022	6	4	Good
0008-B0037	BUTLER	10/11/2022	7	8	Good
0008-B0038	BUTLER	10/11/2022	7	7	Good
0008-B0039	BUTLER	10/11/2022	7	6	Good
0008-B0040	BUTLER	10/11/2022	7	7	Good
0008-B0041	BUTLER	10/11/2022	8	8	Good
0008-B0042	BUTLER	10/11/2022	6	6	Fair
0008-B0043	BUTLER	10/11/2022	6	5	Good
0008-B0053	BUTLER	10/10/2022	N	N	Fair
0008-B0054	BUTLER	10/10/2022	7	6	Good
0008-B0055	BUTLER	10/10/2022	7	5	Good
0008-B0056	BUTLER	10/11/2022	7	6	Good
0008-B0062	BUTLER	10/11/2022	6	6	Fair
0008-B0063	BUTLER	10/11/2022	N	N	Fair
0008-B0064	BUTLER	10/11/2022	7	5	Good
0008-B0065	BUTLER	10/11/2022	7	5	Good
0008-B0067	BUTLER	10/11/2022	7	5	Good
0008-B0117	BUTLER	10/11/2022	N	N	Good
0008-B0118	BUTLER	10/10/2022	N	N	Good
0008-B0119	BUTLER	10/10/2022	N	N	Good
0008-B0120	BUTLER	10/10/2022	8	6	Good
0008-B0121	BUTLER	10/3/2022	7	7	Fair
0008-B0122	BUTLER	10/3/2022	6	5	Good
0008-B0123	BUTLER	10/10/2022	7	7	Fair
0008-B0124	BUTLER	10/10/2022	7	7	Good
0008-B0125	BUTLER	10/10/2022	7	7	Fair
0008-B0126	BUTLER	10/10/2022	N	N	Fair
0008-B0127	BUTLER	10/10/2022	7	8	Good
0008-B0128	BUTLER	10/10/2022	7	7	Good
0008-B0129	BUTLER	10/10/2022	N	N	Good
0008-B0130	BUTLER	10/11/2022	N	N	Good
0008-B0131	BUTLER	10/11/2022	N	N	Good
0008-B0132	BUTLER	10/11/2022	N	N	Good
0008-B0133	BUTLER	10/11/2022	N	N	Good
0008-B0134	BUTLER	10/11/2022	N	N	Good
0008-B0135	BUTLER	10/11/2022	N	N	Good
0008-B0136	BUTLER	10/11/2022	7	7	Good
0008-B0137	BUTLER	10/11/2022	N	N	Good

0008-B0145	BUTLER	10/11/2022	6	6	Fair
0008-B0146	BUTLER	9/3/2022	8	8	Good
0008-B0147	BUTLER	10/3/2022	7	8	Good
0008-B0148	BUTLER	10/11/2022	N	N	Good
0008-B0149	BUTLER	10/12/2022	7	8	Good
0008-B0150	BUTLER	10/12/2022	7	8	Good
0008-B0151	BUTLER	10/12/2022	6	7	Fair
0008-B0153	BUTLER	10/10/2022	7	7	Good
0008-B0160	BUTLER	10/11/2022	N	N	Good
0008-B0161	BUTLER	10/11/2022	N	N	Good
0008-B0163	BUTLER	10/10/2022	7	8	Good
0008-B0164	BUTLER	10/11/2022	7	7	Good
0008-B0165	BUTLER	10/11/2022	7	8	Good
0008-B0166	BUTLER	10/11/2022	N	N	Good
0008-B0167	BUTLER	10/11/2022	N	N	Good
0008-B0168	BUTLER	10/11/2022	7	6	Good
0008-B0170	BUTLER	10/11/2022	N	N	Good
0008-B0171	BUTLER	10/10/2022	7	8	Good
0008-B0172	BUTLER	10/10/2022	7	6	Good
0008-B0173	BUTLER	10/10/2022	7	6	Good
0008-B0174	BUTLER	10/10/2022	7	5	Good
0008-B0175	BUTLER	10/10/2022	7	8	Good
0008-B0176	BUTLER	10/10/2022	N	N	Good
0008-B0177	BUTLER	10/11/2022	7	8	Good
0008-B0178	BUTLER	10/11/2022	6	8	Good
0008-B0179	BUTLER	10/11/2022	7	8	Good
0008-B0185	BUTLER	10/11/2022	7	8	Good
0008-B0186	BUTLER	10/12/2022	7	8	Good
0008-B0187	BUTLER	10/10/2022	7	8	Good
0008-B0189	BUTLER	10/10/2022	6	6	Good
0008-B0190	BUTLER	10/10/2022	N	N	Good
0008-B0192	BUTLER	10/11/2022	8	8	Good
0008-B0193	BUTLER	10/11/2022	7	8	Good
0008-B0194	BUTLER	10/11/2022	8	8	Good
0008-B0196	BUTLER	10/11/2022	6	8	Good

BRIDGE_ID	COUNTY	INSPDATE	CHANNEL_RATING	WATERWAY_ADEQUECY	GFP
0022-B0029	DONIPHAN	8/1/2022	5	8	Fair
0022-C0501	DONIPHAN	9/7/2022	5	3	Fair
0022-C0504	DONIPHAN	9/7/2022	6	5	Fair
0022-C0509	DONIPHAN	9/7/2022	5	7	Good
0022-C0515	DONIPHAN	9/7/2022	5	4	Good
0022-C0525	DONIPHAN	9/7/2022	5	5	Good
Total	**6**				

BRIDGE_ID	COUNTY	INSPDATE	CHANNEL_RATING	WATERWAY_ADEQUECY	GFP
0023-B0003	DOUGLAS	5/17/2022	N	N	Good
0023-B0004	DOUGLAS	5/17/2022	N	N	Fair
0023-B0007	DOUGLAS	5/18/2022	6	6	Good
0023-B0009	DOUGLAS	5/16/2022	6	7	Fair
0023-B0036	DOUGLAS	6/29/2022	N	N	Good
0023-B0037	DOUGLAS	6/29/2022	7	5	Fair
0023-B0038	DOUGLAS	6/29/2022	7	5	Fair
0023-B0053	DOUGLAS	7/1/2022	N	N	Good
0023-B0054	DOUGLAS	7/1/2022	N	N	Fair
0023-B0055	DOUGLAS	7/5/2022	8	8	Good
0023-B0056	DOUGLAS	7/5/2022	8	8	Good
0023-B0057	DOUGLAS	7/5/2022	N	N	Good
0023-B0058	DOUGLAS	7/5/2022	N	N	Good
0023-B0063	DOUGLAS	5/17/2022	7	6	Fair
0023-B0064	DOUGLAS	5/17/2022	6	6	Fair
0023-B0065	DOUGLAS	5/17/2022	7	5	Fair
0023-B0066	DOUGLAS	5/17/2022	7	5	Fair
0023-B0067	DOUGLAS	5/17/2022	7	8	Good
0023-B0068	DOUGLAS	5/17/2022	7	8	Fair
0023-B0069	DOUGLAS	5/9/2022	N	N	Good
0023-B0070	DOUGLAS	5/9/2022	7	8	Fair
0023-B0072	DOUGLAS	5/9/2022	N	N	Good
0023-B0073	DOUGLAS	5/9/2022	N	N	Fair
0023-B0074	DOUGLAS	5/9/2022	N	N	Fair
0023-B0075	DOUGLAS	5/9/2022	N	N	Fair
0023-B0076	DOUGLAS	5/9/2022	7	6	Good
0023-B0077	DOUGLAS	5/9/2022	7	8	Good
0023-B0078	DOUGLAS	5/9/2022	7	8	Good
0023-B0079	DOUGLAS	5/9/2022	N	N	Good
0023-B0080	DOUGLAS	5/9/2022	N	N	Good
0023-B0081	DOUGLAS	5/18/2022	6	7	Good
0023-B0082	DOUGLAS	5/18/2022	6	8	Good
0023-B0084	DOUGLAS	5/16/2022	7	8	Good
0023-B0085	DOUGLAS	5/10/2022	N	N	Good
0023-B0086	DOUGLAS	5/10/2022	7	7	Good
0023-B0087	DOUGLAS	5/10/2022	7	7	Good
0023-B0088	DOUGLAS	5/10/2022	N	N	Good
0023-B0089	DOUGLAS	5/10/2022	8	8	Good
0023-B0090	DOUGLAS	5/11/2022	N	N	Good
0023-B0091	DOUGLAS	5/11/2022	6	7	Good
0023-B0092	DOUGLAS	5/11/2022	7	7	Good
0023-B0093	DOUGLAS	5/10/2022	N	N	Good
0023-B0095	DOUGLAS	5/10/2022	N	N	Good
0023-B0102	DOUGLAS	6/29/2022	N	N	Good
0023-B0103	DOUGLAS	6/28/2022	N	N	Good
0023-B0104	DOUGLAS	3/14/2022	7	7	Good
0023-B0105	DOUGLAS	5/16/2022	N	N	Good
0023-B0106	DOUGLAS	5/16/2022	N	N	Good
0023-B0107	DOUGLAS	5/16/2022	8	8	Good
0023-B0108	DOUGLAS	5/16/2022	8	8	Good
0023-B0109	DOUGLAS	5/6/2022	7	8	Good

0023-B0110	DOUGLAS	5/16/2022	N	N	Good
0023-B0111	DOUGLAS	5/16/2022	N	N	Good
0023-B0112	DOUGLAS	5/16/2022	N	N	Good
0023-B0113	DOUGLAS	5/16/2022	N	N	Good
0023-B0114	DOUGLAS	5/17/2022	N	N	Good
0023-B0115	DOUGLAS	5/17/2022	N	N	Good
0023-B0116	DOUGLAS	5/17/2022	7	8	Good
0023-B0117	DOUGLAS	5/17/2022	N	N	Good
0023-B0119	DOUGLAS	5/17/2022	7	7	Good
0023-B0120	DOUGLAS	5/17/2022	7	8	Good
0023-B0121	DOUGLAS	5/17/2022	8	8	Good
0023-B0122	DOUGLAS	5/17/2022	N	N	Good
0023-B0123	DOUGLAS	5/17/2022	N	N	Good
0023-B0124	DOUGLAS	6/29/2022	N	N	Good
0023-B0125	DOUGLAS	6/29/2022	N	N	Good
0023-B0126	DOUGLAS	6/29/2022	N	N	Good
0023-B0127	DOUGLAS	6/29/2022	N	N	Good
0023-B0128	DOUGLAS	5/16/2022	8	8	Good
0023-B0129	DOUGLAS	6/29/2022	N	N	Good
0023-B0130	DOUGLAS	6/29/2022	N	N	Good
0023-B0131	DOUGLAS	6/29/2022	N	N	Good
0023-B0132	DOUGLAS	6/29/2022	N	N	Good
0023-B0133	DOUGLAS	6/29/2022	N	N	Good
0023-B0134	DOUGLAS	6/29/2022	N	N	Good
0023-B0135	DOUGLAS	6/29/2022	N	N	Good
0023-B0136	DOUGLAS	6/29/2022	N	N	Good
0023-B0137	DOUGLAS	6/29/2022	N	N	Good
0023-B0138	DOUGLAS	6/29/2022	N	N	Good
0023-B0139	DOUGLAS	6/29/2022	N	N	Good
0023-B0140	DOUGLAS	6/29/2022	8	8	Good
0023-B0141	DOUGLAS	6/29/2022	8	8	Good
0023-B0142	DOUGLAS	7/1/2022	N	N	Good
0023-B0143	DOUGLAS	7/1/2022	N	N	Good
0023-B0144	DOUGLAS	7/1/2022	8	8	Good
0023-B0145	DOUGLAS	7/1/2022	8	8	Good
0023-B0146	DOUGLAS	7/1/2022	7	8	Good
0023-B0147	DOUGLAS	7/1/2022	7	8	Good
0023-B0148	DOUGLAS	7/1/2022	N	N	Good
0023-B0149	DOUGLAS	7/1/2022	N	N	Good
0023-B0150	DOUGLAS	7/1/2022	8	8	Good
0023-B0151	DOUGLAS	7/1/2022	8	8	Good
0023-B0152	DOUGLAS	5/16/2022	7	7	Good
0023-B0153	DOUGLAS	5/16/2022	7	7	Good
0023-B0154	DOUGLAS	5/17/2022	7	8	Good
0023-B0158	DOUGLAS	7/1/2022	7	7	Good
0023-B0159	DOUGLAS	7/1/2022	8	8	Good
0023-B0160	DOUGLAS	6/29/2022	7	8	Good
0023-B0163	DOUGLAS	5/10/2022	N	N	Good
0023-B0164	DOUGLAS	5/10/2022	8	8	Good
0023-B0165	DOUGLAS	7/18/2022	8	8	Good
0023-B0169	DOUGLAS	5/10/2022	8	8	Good
0023-B0170	DOUGLAS	5/10/2022	N	N	Good
0023-B0173	DOUGLAS	5/10/2022	8	8	Good

0023-B0174	DOUGLAS	5/10/2022	8	8	Good
0023-B0175	DOUGLAS	5/10/2022	N	N	Good
0023-B0176	DOUGLAS	5/10/2022	N	N	Good
0023-B0177	DOUGLAS	5/10/2022	8	8	Good
0023-B0178	DOUGLAS	5/10/2022	8	8	Good
0023-B0179	DOUGLAS	5/9/2022	N	N	Good
0023-B0180	DOUGLAS	5/9/2022	N	N	Good
0023-B0181	DOUGLAS	5/9/2022	N	N	Good
0023-B0182	DOUGLAS	5/9/2022	N	N	Good
0023-B0183	DOUGLAS	5/9/2022	N	N	Good
0023-B0184	DOUGLAS	5/9/2022	N	N	Good
0023-B0187	DOUGLAS	5/16/2022	7	8	Good
0023-B0188	DOUGLAS	5/16/2022	8	8	Good
0023-B0189	DOUGLAS	5/16/2022	8	8	Good
0023-B0190	DOUGLAS	5/16/2022	8	8	Good
0023-B0191	DOUGLAS	5/10/2022	N	N	Good
0023-B0193	DOUGLAS	5/9/2022	7	8	Good
0023-C0504	DOUGLAS	8/23/2022	5	6	Good
Total	**122**				

BRIDGE_ID	COUNTY	INSPDATE	CHANNEL_RATING	WATERWAY_ADEQUECY	GFP
0046-B0002	JOHNSON	7/20/2022	N	N	Good
0046-B0003	JOHNSON	7/20/2022	N	N	Good
0046-B0004	JOHNSON	7/20/2022	7	8	Fair
0046-B0005	JOHNSON	7/20/2022	7	8	Fair
0046-B0008	JOHNSON	7/20/2022	7	7	Good
0046-B0009	JOHNSON	7/21/2022	N	N	Fair
0046-B0011	JOHNSON	6/27/2022	N	N	Fair
0046-B0013	JOHNSON	6/27/2022	N	N	Good
0046-B0014	JOHNSON	7/21/2022	N	N	Good
0046-B0015	JOHNSON	7/20/2022	8	8	Good
0046-B0018	JOHNSON	7/21/2022	7	8	Good
0046-B0027	JOHNSON	8/17/2022	N	N	Fair
0046-B0037	JOHNSON	8/22/2022	7	5	Good
0046-B0038	JOHNSON	8/22/2022	7	5	Good
0046-B0040	JOHNSON	6/15/2022	N	N	Good
0046-B0041	JOHNSON	6/15/2022	N	N	Good
0046-B0046	JOHNSON	7/6/2022	N	N	Fair
0046-B0047	JOHNSON	7/7/2022	8	8	Good
0046-B0048	JOHNSON	7/7/2022	8	7	Good
0046-B0050	JOHNSON	7/13/2022	N	N	Good
0046-B0051	JOHNSON	7/13/2022	N	N	Fair
0046-B0069	JOHNSON	8/22/2022	6	7	Good
0046-B0072	JOHNSON	7/21/2022	N	N	Good
0046-B0073	JOHNSON	7/20/2022	N	N	Good
0046-B0080	JOHNSON	7/19/2022	6	5	Fair
0046-B0087	JOHNSON	7/13/2022	N	N	Fair
0046-B0088	JOHNSON	7/13/2022	N	N	Good
0046-B0089	JOHNSON	7/13/2022	N	N	Fair
0046-B0090	JOHNSON	7/13/2022	N	N	Good
0046-B0091	JOHNSON	7/13/2022	N	N	Good
0046-B0092	JOHNSON	7/13/2022	N	N	Fair
0046-B0093	JOHNSON	7/13/2022	N	N	Good
0046-B0094	JOHNSON	7/13/2022	N	N	Good
0046-B0095	JOHNSON	7/13/2022	N	N	Fair
0046-B0096	JOHNSON	7/13/2022	N	N	Good
0046-B0097	JOHNSON	7/13/2022	N	N	Good
0046-B0098	JOHNSON	7/14/2022	7	7	Good
0046-B0100	JOHNSON	7/14/2022	N	N	Fair
0046-B0101	JOHNSON	7/14/2022	N	N	Fair
0046-B0103	JOHNSON	7/14/2022	N	N	Good
0046-B0104	JOHNSON	7/14/2022	N	N	Good
0046-B0107	JOHNSON	7/19/2022	N	N	Fair
0046-B0108	JOHNSON	7/19/2022	7	8	Fair
0046-B0109	JOHNSON	7/19/2022	N	N	Fair
0046-B0110	JOHNSON	7/19/2022	N	N	Fair
0046-B0111	JOHNSON	7/19/2022	7	6	Good
0046-B0112	JOHNSON	7/19/2022	7	8	Fair
0046-B0113	JOHNSON	7/19/2022	7	5	Good

0046-B0114	JOHNSON	7/19/2022	N	N	Fair
0046-B0119	JOHNSON	7/12/2022	N	N	Fair
0046-B0122	JOHNSON	7/20/2022	N	N	Fair
0046-B0123	JOHNSON	7/20/2022	N	N	Good
0046-B0124	JOHNSON	7/20/2022	N	N	Fair
0046-B0125	JOHNSON	7/20/2022	8	8	Good
0046-B0126	JOHNSON	7/20/2022	7	8	Good
0046-B0127	JOHNSON	7/6/2022	N	N	Fair
0046-B0128	JOHNSON	7/6/2022	N	N	Good
0046-B0130	JOHNSON	7/7/2022	8	8	Fair
0046-B0131	JOHNSON	7/7/2022	7	8	Good
0046-B0133	JOHNSON	7/11/2022	N	N	Good
0046-B0134	JOHNSON	7/11/2022	N	N	Good
0046-B0136	JOHNSON	7/11/2022	N	N	Good
0046-B0137	JOHNSON	7/6/2022	N	N	Good
0046-B0144	JOHNSON	8/2/2022	N	N	Fair
0046-B0176	JOHNSON	7/26/2022	N	N	Good
0046-B0177	JOHNSON	5/9/2022	N	N	Good
0046-B0180	JOHNSON	7/26/2022	N	N	Good
0046-B0181	JOHNSON	7/27/2022	N	N	Good
0046-B0182	JOHNSON	7/27/2022	7	7	Fair
0046-B0183	JOHNSON	7/27/2022	7	8	Fair
0046-B0184	JOHNSON	7/27/2022	6	7	Fair
0046-B0185	JOHNSON	7/27/2022	7	8	Fair
0046-B0186	JOHNSON	7/27/2022	N	N	Fair
0046-B0187	JOHNSON	7/27/2022	N	N	Fair
0046-B0189	JOHNSON	7/27/2022	N	N	Fair
0046-B0190	JOHNSON	7/27/2022	N	N	Fair
0046-B0191	JOHNSON	7/28/2022	N	N	Good
0046-B0192	JOHNSON	7/28/2022	N	N	Fair
0046-B0195	JOHNSON	7/26/2022	N	N	Fair
0046-B0196	JOHNSON	7/26/2022	N	N	Fair
0046-B0197	JOHNSON	7/26/2022	N	N	Fair
0046-B0198	JOHNSON	7/26/2022	N	N	Fair
0046-B0199	JOHNSON	7/26/2022	N	N	Fair
0046-B0200	JOHNSON	7/26/2022	N	N	Good
0046-B0207	JOHNSON	7/6/2022	N	N	Fair
0046-B0208	JOHNSON	7/6/2022	N	N	Fair
0046-B0209	JOHNSON	7/11/2022	N	N	Fair
0046-B0210	JOHNSON	7/7/2022	N	N	Good
0046-B0211	JOHNSON	7/7/2022	N	N	Fair
0046-B0212	JOHNSON	7/7/2022	N	N	Fair
0046-B0213	JOHNSON	7/7/2022	N	N	Fair
0046-B0214	JOHNSON	7/11/2022	N	N	Good
0046-B0215	JOHNSON	7/11/2022	N	N	Good
0046-B0216	JOHNSON	7/11/2022	N	N	Fair
0046-B0217	JOHNSON	7/12/2022	N	N	Fair
0046-B0218	JOHNSON	7/11/2022	N	N	Fair
0046-B0222	JOHNSON	6/28/2022	N	N	Fair
0046-B0223	JOHNSON	6/28/2022	N	N	Good

0046-B0224	JOHNSON	7/6/2022	N	N	Fair
0046-B0225	JOHNSON	7/6/2022	N	N	Good
0046-B0226	JOHNSON	7/6/2022	N	N	Good
0046-B0227	JOHNSON	7/6/2022	N	N	Good
0046-B0230	JOHNSON	7/6/2022	8	8	Fair
0046-B0231	JOHNSON	7/6/2022	8	8	Good
0046-B0234	JOHNSON	7/27/2022	N	N	Good
0046-B0235	JOHNSON	7/27/2022	N	N	Fair
0046-B0236	JOHNSON	7/27/2022	7	8	Fair
0046-B0237	JOHNSON	7/28/2022	8	8	Fair
0046-B0239	JOHNSON	6/15/2022	N	N	Good
0046-B0240	JOHNSON	6/15/2022	N	N	Good
0046-B0241	JOHNSON	7/28/2022	N	N	Good
0046-B0242	JOHNSON	7/28/2022	N	N	Good
0046-B0243	JOHNSON	8/2/2022	N	N	Fair
0046-B0244	JOHNSON	8/2/2022	N	N	Good
0046-B0245	JOHNSON	8/2/2022	7	8	Good
0046-B0246	JOHNSON	8/2/2022	7	8	Good
0046-B0247	JOHNSON	8/2/2022	N	N	Good
0046-B0248	JOHNSON	8/17/2022	N	N	Good
0046-B0249	JOHNSON	7/13/2022	7	6	Good
0046-B0254	JOHNSON	8/17/2022	N	N	Good
0046-B0255	JOHNSON	8/17/2022	N	N	Good
0046-B0256	JOHNSON	7/12/2022	7	6	Good
0046-B0257	JOHNSON	7/12/2022	N	N	Good
0046-B0258	JOHNSON	7/20/2022	N	N	Fair
0046-B0259	JOHNSON	7/12/2022	7	7	Good
0046-B0260	JOHNSON	7/21/2022	N	N	Good
0046-B0261	JOHNSON	7/21/2022	N	N	Good
0046-B0269	JOHNSON	7/19/2022	N	N	Good
0046-B0270	JOHNSON	7/19/2022	N	N	Good
0046-B0271	JOHNSON	8/2/2022	7	7	Good
0046-B0272	JOHNSON	7/19/2022	7	7	Good
0046-B0275	JOHNSON	8/17/2022	N	N	Good
0046-B0276	JOHNSON	8/17/2022	N	N	Good
0046-B0277	JOHNSON	8/22/2022	N	N	Good
0046-B0278	JOHNSON	8/22/2022	N	N	Good
0046-B0279	JOHNSON	8/17/2022	N	N	Good
0046-B0280	JOHNSON	8/17/2022	N	N	Good
0046-B0282	JOHNSON	8/2/2022	N	N	Fair
0046-B0283	JOHNSON	8/2/2022	N	N	Fair
0046-B0284	JOHNSON	7/20/2022	N	N	Good
0046-B0285	JOHNSON	7/20/2022	5	6	Good
0046-B0287	JOHNSON	8/3/2022	N	N	Good
0046-B0288	JOHNSON	8/3/2022	N	N	Good
0046-B0289	JOHNSON	7/19/2022	N	N	Good
0046-B0290	JOHNSON	7/19/2022	N	N	Good
0046-B0292	JOHNSON	8/17/2022	N	N	Good
0046-B0293	JOHNSON	8/17/2022	N	N	Good
0046-B0294	JOHNSON	7/21/2022	N	N	Good

0046-B0295	JOHNSON	7/21/2022	N	N	Good
0046-B0296	JOHNSON	7/19/2022	7	8	Good
0046-B0297	JOHNSON	7/19/2022	7	7	Good
0046-B0298	JOHNSON	7/26/2022	N	N	Fair
0046-B0299	JOHNSON	7/28/2022	N	N	Good
0046-B0300	JOHNSON	7/28/2022	N	N	Good
0046-B0301	JOHNSON	7/28/2022	N	N	Good
0046-B0302	JOHNSON	7/12/2022	N	N	Fair
0046-B0303	JOHNSON	7/12/2022	N	N	Good
0046-B0304	JOHNSON	7/12/2022	N	N	Good
0046-B0305	JOHNSON	7/12/2022	8	7	Good
0046-B0306	JOHNSON	7/12/2022	7	7	Good
0046-B0307	JOHNSON	7/12/2022	N	N	Good
0046-B0308	JOHNSON	7/12/2022	N	N	Good
0046-B0309	JOHNSON	7/12/2022	N	N	Good
0046-B0310	JOHNSON	7/12/2022	7	7	Good
0046-B0311	JOHNSON	7/12/2022	7	7	Good
0046-B0312	JOHNSON	7/12/2022	6	7	Good
0046-B0313	JOHNSON	7/12/2022	N	N	Good
0046-B0315	JOHNSON	7/26/2022	N	N	Good
0046-B0316	JOHNSON	7/26/2022	N	N	Good
0046-B0317	JOHNSON	7/26/2022	N	N	Good
0046-B0318	JOHNSON	7/27/2022	N	N	Good
0046-B0319	JOHNSON	7/27/2022	N	N	Good
0046-B0320	JOHNSON	7/27/2022	N	N	Good
0046-B0321	JOHNSON	7/27/2022	N	N	Good
0046-B0322	JOHNSON	7/28/2022	7	7	Good
0046-B0323	JOHNSON	8/2/2022	7	8	Fair
0046-B0324	JOHNSON	8/22/2022	7	7	Good
0046-B0325	JOHNSON	8/22/2022	7	8	Fair
0046-B0326	JOHNSON	8/2/2022	N	N	Good
0046-B0327	JOHNSON	8/2/2022	N	N	Good
0046-B0328	JOHNSON	8/3/2022	N	N	Good
0046-B0329	JOHNSON	8/3/2022	N	N	Good
0046-B0330	JOHNSON	8/3/2022	7	8	Good
0046-B0331	JOHNSON	8/3/2022	8	8	Good
0046-B0332	JOHNSON	6/27/2022	N	N	Good
0046-B0333	JOHNSON	7/19/2022	6	6	Good
0046-B0334	JOHNSON	7/13/2022	N	N	Good
0046-B0335	JOHNSON	7/13/2022	N	N	Good
0046-B0336	JOHNSON	7/19/2022	7	8	Good
0046-B0337	JOHNSON	7/11/2022	N	N	Good
0046-B0338	JOHNSON	7/11/2022	N	N	Good
0046-B0339	JOHNSON	7/6/2022	N	N	Good
0046-B0340	JOHNSON	7/6/2022	N	N	Good
0046-B0342	JOHNSON	6/28/2022	N	N	Good
0046-B0344	JOHNSON	7/7/2022	8	8	Good
0046-B0345	JOHNSON	7/7/2022	8	8	Good
0046-B0346	JOHNSON	7/7/2022	8	8	Good
0046-B0347	JOHNSON	7/7/2022	N	N	Good

0046-B0348	JOHNSON	7/11/2022	N	N	Good
0046-B0349	JOHNSON	8/3/2022	N	N	Good
0046-B0350	JOHNSON	8/3/2022	N	N	Good
0046-B0351	JOHNSON	8/2/2022	N	N	Good
0046-B0352	JOHNSON	8/2/2022	N	N	Good
0046-B0353	JOHNSON	7/20/2022	7	8	Good
0046-B0354	JOHNSON	7/21/2022	N	N	Good
0046-B0355	JOHNSON	7/21/2022	N	N	Good
0046-B0356	JOHNSON	7/21/2022	N	N	Good
0046-B0357	JOHNSON	8/17/2022	8	8	Good
0046-B0358	JOHNSON	7/13/2022	N	N	Good
0046-B0359	JOHNSON	8/17/2022	8	8	Good
0046-B0360	JOHNSON	7/21/2022	7	5	Good
0046-B0361	JOHNSON	7/14/2022	N	N	Good
0046-B0362	JOHNSON	7/14/2022	N	N	Good
0046-B0365	JOHNSON	7/27/2022	N	N	Good
0046-B0366	JOHNSON	7/27/2022	N	N	Good
0046-B0367	JOHNSON	8/2/2022	7	5	Good
0046-B0368	JOHNSON	7/14/2022	N	N	Good
0046-B0369	JOHNSON	7/14/2022	N	N	Good
0046-B0373	JOHNSON	8/2/2022	N	N	Good
0046-B0378	JOHNSON	7/13/2022	8	8	Good
0046-B0379	JOHNSON	7/20/2022	8	8	Good
0046-B0383	JOHNSON	7/6/2022	N	N	Good
0046-B0388	JOHNSON	7/6/2022	8	8	Good
0046-B0389	JOHNSON	7/6/2022	8	8	Good
0046-B0394	JOHNSON	7/6/2022	N	N	Good
0046-B0396	JOHNSON	7/6/2022	N	N	Good
0046-B0401	JOHNSON	7/13/2022	N	N	Good
0046-B0402	JOHNSON	7/13/2022	N	N	Good
0046-B0403	JOHNSON	7/13/2022	N	N	Good
0046-B0404	JOHNSON	7/13/2022	N	N	Good
0046-B0405	JOHNSON	7/13/2022	N	N	Good
0046-B0406	JOHNSON	7/13/2022	N	N	Good
0046-B0407	JOHNSON	7/13/2022	N	N	Good
0046-B0408	JOHNSON	7/13/2022	7	8	Good
0046-B0409	JOHNSON	8/4/2022	7	8	Good
0046-B0415	JOHNSON	7/12/2022	N	N	Good
0046-B0416	JOHNSON	7/20/2022	N	N	Good
0046-B0417	JOHNSON	7/20/2022	N	N	Good
0046-B0418	JOHNSON	7/12/2022	N	N	Good
0046-B0423	JOHNSON	7/20/2022	N	N	Good
0046-B0424	JOHNSON	7/14/2022	8	8	Good
0046-B0425	JOHNSON	7/27/2022	N	N	Good
0046-B0426	JOHNSON	6/15/2022	N	N	Good
0046-B0427	JOHNSON	6/28/2022	N	N	Good
0046-B0428	JOHNSON	6/28/2022	N	N	Good
0046-B0429	JOHNSON	6/28/2022	N	N	Good
0046-B0430	JOHNSON	6/15/2022	N	N	Good
0046-B0431	JOHNSON	6/15/2022	N	N	Good

0046-B0432	JOHNSON	6/15/2022	N	N	Good
0046-B0433	JOHNSON	6/15/2022	N	N	Good
0046-B0434	JOHNSON	6/15/2022	N	N	Good
0046-B0435	JOHNSON	6/15/2022	N	N	Good
0046-B0436	JOHNSON	6/15/2022	N	N	Good
0046-B0437	JOHNSON	6/15/2022	N	N	Good
0046-B0438	JOHNSON	6/15/2022	N	N	Good
0046-B0439	JOHNSON	6/15/2022	N	N	Good
0046-B0440	JOHNSON	8/17/2022	N	N	Good
0046-B0441	JOHNSON	7/20/2022	N	N	Good
0046-B0442	JOHNSON	7/26/2022	N	N	Good
0046-B0443	JOHNSON	7/26/2022	N	N	Good
Total	**260**				

BRIDGE_ID	COUNTY	INSPDATE	CHANNEL_RATING	WATERWAY_ADEQUECY	GFP
0081-C0502	RILEY	8/30/2022	7	8	Good
0081-C0503	RILEY	8/30/2022	6	6	Good
0081-C0504	RILEY	8/30/2022	7	6	Fair
0081-C0505	RILEY	8/30/2022	7	7	Good
0081-C0506	RILEY	8/24/2022	6	6	Good
0081-C0507	RILEY	8/24/2022	7	8	Good
0081-C0508	RILEY	8/30/2022	7	5	Good
0081-C0509	RILEY	8/24/2022	7	8	Good
0081-C0514	RILEY	8/30/2022	6	6	Fair
0081-C0515	RILEY	8/24/2022	N	N	Good
0081-C0516	RILEY	8/24/2022	N	N	Good
0081-C0517	RILEY	8/24/2022	N	N	Good
0081-C0518	RILEY	8/24/2022	N	N	Good
0081-C0519	RILEY	8/24/2022	6	6	Good
0081-C0520	RILEY	8/24/2022	7	8	Good
0081-C0521	RILEY	8/24/2022	7	6	Good
0081-C0522	RILEY	8/24/2022	7	8	Good
0081-C0524	RILEY	8/30/2022	7	8	Good
0081-C0525	RILEY	8/30/2022	7	6	Good
0081-C0526	RILEY	8/30/2022	5	6	Good
0081-C0527	RILEY	8/24/2022	6	8	Good
0081-C0529	RILEY	8/30/2022	6	8	Good
0081-C0530	RILEY	8/24/2022	8	8	Fair
0081-C0531	RILEY	8/24/2022	N	N	Good
0081-C0532	RILEY	9/8/2022	6	6	Good
0081-C0533	RILEY	8/30/2022	7	6	Fair
0081-C0534	RILEY	8/30/2022	7	8	Good
0081-C0537	RILEY	8/24/2022	7	5	Good
0081-C0538	RILEY	8/30/2022	8	5	Good
0081-C0542	RILEY	8/30/2022	8	8	Good
0081-C0543	RILEY	8/30/2022	8	8	Good
0081-C0545	RILEY	8/30/2022	8	8	Good
Total	**32**				

BRIDGE_ID	COUNTY	INSPDATE	CHANNEL_RATING	WATERWAY_ADEQUECY	GFP
0087-B0002	SEDGWICK	9/21/2022	N	N	Fair
0087-B0003	SEDGWICK	9/28/2022	N	N	Fair
0087-B0004	SEDGWICK	9/21/2022	N	N	Good
0087-B0005	SEDGWICK	9/21/2022	N	N	Good
0087-B0006	SEDGWICK	9/21/2022	6	6	Fair
0087-B0007	SEDGWICK	9/21/2022	6	6	Fair
0087-B0008	SEDGWICK	9/21/2022	N	N	Good
0087-B0009	SEDGWICK	9/21/2022	N	N	Good
0087-B0010	SEDGWICK	9/21/2022	N	N	Good
0087-B0011	SEDGWICK	9/14/2022	8	8	Fair
0087-B0012	SEDGWICK	9/21/2022	8	8	Fair
0087-B0013	SEDGWICK	9/21/2022	8	8	Fair
0087-B0015	SEDGWICK	9/22/2022	N	N	Good
0087-B0016	SEDGWICK	9/22/2022	N	N	Good
0087-B0022	SEDGWICK	9/28/2022	7	6	Good
0087-B0023	SEDGWICK	9/28/2022	N	N	Good
0087-B0024	SEDGWICK	10/5/2022	8	8	Good
0087-B0025	SEDGWICK	10/5/2022	8	8	Fair
0087-B0026	SEDGWICK	9/28/2022	N	N	Good
0087-B0027	SEDGWICK	9/28/2022	N	N	Fair
0087-B0028	SEDGWICK	9/27/2022	N	N	Good
0087-B0029	SEDGWICK	9/27/2022	N	N	Good
0087-B0030	SEDGWICK	9/28/2022	7	7	Good
0087-B0031	SEDGWICK	9/28/2022	7	7	Good
0087-B0032	SEDGWICK	9/28/2022	N	N	Fair
0087-B0033	SEDGWICK	9/21/2022	N	N	Fair
0087-B0034	SEDGWICK	9/28/2022	N	N	Fair
0087-B0035	SEDGWICK	9/21/2022	N	N	Fair
0087-B0036	SEDGWICK	9/28/2022	N	N	Good
0087-B0037	SEDGWICK	9/28/2022	N	N	Good
0087-B0038	SEDGWICK	9/28/2022	N	N	Good
0087-B0039	SEDGWICK	9/28/2022	N	N	Good
0087-B0040	SEDGWICK	9/28/2022	N	N	Good
0087-B0042	SEDGWICK	9/28/2022	7	8	Good
0087-B0043	SEDGWICK	9/28/2022	7	8	Good
0087-B0044	SEDGWICK	9/28/2022	7	8	Good
0087-B0045	SEDGWICK	9/29/2022	N	N	Good
0087-B0046	SEDGWICK	9/29/2022	N	N	Fair
0087-B0047	SEDGWICK	9/27/2022	N	N	Good
0087-B0048	SEDGWICK	9/27/2022	N	N	Fair
0087-B0049	SEDGWICK	9/29/2022	N	N	Fair
0087-B0050	SEDGWICK	12/21/2022	N	N	Good
0087-B0051	SEDGWICK	9/27/2022	8	8	Good
0087-B0052	SEDGWICK	9/27/2022	7	8	Good
0087-B0054	SEDGWICK	9/28/2022	N	N	Good
0087-B0055	SEDGWICK	9/28/2022	N	N	Good
0087-B0062	SEDGWICK	9/28/2022	N	N	Fair
0087-B0063	SEDGWICK	9/28/2022	N	N	Good
0087-B0064	SEDGWICK	9/28/2022	N	N	Fair
0087-B0065	SEDGWICK	9/7/2022	N	N	Fair
0087-B0066	SEDGWICK	9/7/2022	N	N	Fair

0087-B0067	SEDGWICK	9/29/2022	N	N	Good
0087-B0068	SEDGWICK	9/29/2022	N	N	Good
0087-B0069	SEDGWICK	9/29/2022	N	N	Fair
0087-B0070	SEDGWICK	9/29/2022	N	N	Good
0087-B0071	SEDGWICK	9/29/2022	N	N	Good
0087-B0072	SEDGWICK	9/29/2022	N	N	Good
0087-B0074	SEDGWICK	9/29/2022	N	N	Good
0087-B0075	SEDGWICK	9/29/2022	N	N	Good
0087-B0077	SEDGWICK	9/29/2022	N	N	Good
0087-B0078	SEDGWICK	9/29/2022	N	N	Good
0087-B0081	SEDGWICK	9/29/2022	N	N	Good
0087-B0082	SEDGWICK	9/29/2022	N	N	Good
0087-B0085	SEDGWICK	9/27/2022	N	N	Good
0087-B0086	SEDGWICK	9/27/2022	N	N	Good
0087-B0087	SEDGWICK	9/27/2022	N	N	Good
0087-B0088	SEDGWICK	9/27/2022	N	N	Good
0087-B0090	SEDGWICK	9/27/2022	N	N	Good
0087-B0091	SEDGWICK	9/27/2022	N	N	Good
0087-B0092	SEDGWICK	9/27/2022	N	N	Good
0087-B0093	SEDGWICK	9/27/2022	N	N	Good
0087-B0094	SEDGWICK	9/27/2022	N	N	Fair
0087-B0095	SEDGWICK	9/27/2022	N	N	Fair
0087-B0103	SEDGWICK	9/27/2022	7	8	Good
0087-B0111	SEDGWICK	9/28/2022	N	N	Fair
0087-B0112	SEDGWICK	9/28/2022	N	N	Fair
0087-B0114	SEDGWICK	9/21/2022	N	N	Good
0087-B0115	SEDGWICK	9/21/2022	N	N	Fair
0087-B0116	SEDGWICK	9/21/2022	8	8	Good
0087-B0117	SEDGWICK	9/21/2022	8	8	Good
0087-B0118	SEDGWICK	9/21/2022	N	N	Fair
0087-B0119	SEDGWICK	9/21/2022	6	7	Good
0087-B0120	SEDGWICK	9/21/2022	6	6	Fair
0087-B0121	SEDGWICK	9/21/2022	7	8	Good
0087-B0122	SEDGWICK	9/21/2022	7	7	Good
0087-B0123	SEDGWICK	9/21/2022	N	N	Good
0087-B0124	SEDGWICK	9/22/2022	6	8	Fair
0087-B0125	SEDGWICK	9/22/2022	N	N	Fair
0087-B0126	SEDGWICK	9/22/2022	7	7	Good
0087-B0132	SEDGWICK	9/6/2022	8	8	Fair
0087-B0133	SEDGWICK	9/27/2022	7	7	Good
0087-B0143	SEDGWICK	9/29/2022	N	N	Fair
0087-B0146	SEDGWICK	9/21/2022	7	8	Fair
0087-B0162	SEDGWICK	9/19/2022	7	7	Good
0087-B0163	SEDGWICK	9/19/2022	7	7	Good
0087-B0169	SEDGWICK	9/19/2022	7	6	Good
0087-B0170	SEDGWICK	9/19/2022	7	8	Good
0087-B0176	SEDGWICK	9/13/2022	7	8	Good
0087-B0180	SEDGWICK	9/13/2022	6	7	Good
0087-B0181	SEDGWICK	9/13/2022	6	5	Fair
0087-B0182	SEDGWICK	9/13/2022	N	N	Good
0087-B0183	SEDGWICK	9/13/2022	N	N	Good
0087-B0184	SEDGWICK	9/14/2022	8	8	Fair
0087-B0186	SEDGWICK	9/21/2022	N	N	Fair

0087-B0188	SEDGWICK	9/19/2022	6	7	Good
0087-B0189	SEDGWICK	9/19/2022	7	8	Good
0087-B0190	SEDGWICK	9/19/2022	6	7	Fair
0087-B0191	SEDGWICK	9/19/2022	7	7	Good
0087-B0192	SEDGWICK	9/19/2022	7	8	Good
0087-B0193	SEDGWICK	9/19/2022	7	8	Good
0087-B0194	SEDGWICK	9/21/2022	8	8	Good
0087-B0195	SEDGWICK	9/21/2022	8	8	Fair
0087-B0196	SEDGWICK	9/21/2022	7	8	Good
0087-B0197	SEDGWICK	9/21/2022	7	8	Good
0087-B0198	SEDGWICK	9/21/2022	N	N	Good
0087-B0199	SEDGWICK	9/21/2022	N	N	Good
0087-B0205	SEDGWICK	9/21/2022	7	6	Fair
0087-B0206	SEDGWICK	9/21/2022	N	N	Fair
0087-B0207	SEDGWICK	9/21/2022	N	N	Fair
0087-B0208	SEDGWICK	9/21/2022	N	N	Fair
0087-B0209	SEDGWICK	9/21/2022	8	6	Good
0087-B0210	SEDGWICK	9/21/2022	8	6	Good
0087-B0211	SEDGWICK	9/21/2022	N	N	Good
0087-B0212	SEDGWICK	9/21/2022	6	7	Good
0087-B0213	SEDGWICK	9/22/2022	7	8	Good
0087-B0271	SEDGWICK	9/19/2022	N	N	Fair
0087-B0272	SEDGWICK	9/19/2022	N	N	Fair
0087-B0273	SEDGWICK	9/21/2022	N	N	Fair
0087-B0274	SEDGWICK	9/21/2022	N	N	Good
0087-B0275	SEDGWICK	9/26/2022	7	8	Good
0087-B0276	SEDGWICK	9/21/2022	7	5	Good
0087-B0277	SEDGWICK	9/21/2022	7	8	Good
0087-B0278	SEDGWICK	9/21/2022	7	7	Good
0087-B0280	SEDGWICK	9/21/2022	N	N	Fair
0087-B0281	SEDGWICK	9/21/2022	8	8	Good
0087-B0282	SEDGWICK	9/21/2022	7	7	Good
0087-B0283	SEDGWICK	9/21/2022	6	7	Good
0087-B0285	SEDGWICK	9/21/2022	N	N	Good
0087-B0287	SEDGWICK	9/21/2022	N	N	Good
0087-B0288	SEDGWICK	9/21/2022	N	N	Fair
0087-B0289	SEDGWICK	9/21/2022	N	N	Fair
0087-B0290	SEDGWICK	9/20/2022	8	8	Fair
0087-B0291	SEDGWICK	9/20/2022	8	8	Fair
0087-B0292	SEDGWICK	9/26/2022	8	8	Good
0087-B0293	SEDGWICK	9/26/2022	8	8	Good
0087-B0295	SEDGWICK	9/29/2022	8	8	Fair
0087-B0297	SEDGWICK	9/26/2022	N	N	Good
0087-B0299	SEDGWICK	9/29/2022	8	8	Fair
0087-B0300	SEDGWICK	9/26/2022	N	N	Good
0087-B0301	SEDGWICK	9/26/2022	N	N	Good
0087-B0302	SEDGWICK	9/26/2022	N	N	Good
0087-B0303	SEDGWICK	9/26/2022	N	N	Good
0087-B0304	SEDGWICK	9/27/2022	8	8	Fair
0087-B0305	SEDGWICK	9/29/2022	8	8	Fair
0087-B0306	SEDGWICK	9/27/2022	8	8	Fair
0087-B0307	SEDGWICK	9/29/2022	8	8	Good
0087-B0308	SEDGWICK	9/29/2022	8	8	Good

0087-B0309	SEDGWICK	9/29/2022	8	8	Good
0087-B0310	SEDGWICK	9/29/2022	8	8	Good
0087-B0312	SEDGWICK	9/21/2022	N	N	Fair
0087-B0313	SEDGWICK	9/21/2022	N	N	Fair
0087-B0314	SEDGWICK	9/21/2022	N	N	Fair
0087-B0317	SEDGWICK	9/29/2022	N	N	Good
0087-B0319	SEDGWICK	9/29/2022	N	N	Good
0087-B0320	SEDGWICK	9/27/2022	N	N	Fair
0087-B0321	SEDGWICK	9/26/2022	N	N	Good
0087-B0322	SEDGWICK	9/22/2022	N	N	Good
0087-B0323	SEDGWICK	10/13/2022	N	N	Fair
0087-B0324	SEDGWICK	9/22/2022	N	N	Good
0087-B0325	SEDGWICK	9/22/2022	N	N	Good
0087-B0326	SEDGWICK	9/22/2022	N	N	Good
0087-B0327	SEDGWICK	9/26/2022	N	N	Good
0087-B0329	SEDGWICK	9/21/2022	8	8	Good
0087-B0330	SEDGWICK	9/28/2022	N	N	Good
0087-B0331	SEDGWICK	9/26/2022	N	N	Good
0087-B0334	SEDGWICK	9/26/2022	N	N	Good
0087-B0337	SEDGWICK	9/21/2022	N	N	Good
0087-B0338	SEDGWICK	9/20/2022	N	N	Good
0087-B0339	SEDGWICK	9/20/2022	N	N	Good
0087-B0340	SEDGWICK	9/20/2022	N	N	Good
0087-B0341	SEDGWICK	9/20/2022	N	N	Good
0087-B0342	SEDGWICK	9/20/2022	N	N	Good
0087-B0343	SEDGWICK	9/20/2022	N	N	Fair
0087-B0344	SEDGWICK	9/20/2022	N	N	Good
0087-B0345	SEDGWICK	9/20/2022	N	N	Fair
0087-B0346	SEDGWICK	9/20/2022	N	N	Good
0087-B0347	SEDGWICK	9/20/2022	N	N	Good
0087-B0348	SEDGWICK	9/20/2022	N	N	Good
0087-B0349	SEDGWICK	9/20/2022	N	N	Good
0087-B0350	SEDGWICK	9/20/2022	N	N	Good
0087-B0351	SEDGWICK	9/20/2022	N	N	Good
0087-B0352	SEDGWICK	9/12/2022	7	6	Good
0087-B0353	SEDGWICK	9/28/2022	N	N	Good
0087-B0354	SEDGWICK	9/28/2022	N	N	Good
0087-B0358	SEDGWICK	9/21/2022	8	8	Good
0087-B0359	SEDGWICK	9/19/2022	7	8	Good
0087-B0360	SEDGWICK	9/29/2022	6	7	Good
0087-B0363	SEDGWICK	9/14/2022	7	7	Good
0087-B0364	SEDGWICK	9/14/2022	7	8	Good
0087-B0365	SEDGWICK	9/14/2022	7	5	Good
0087-B0366	SEDGWICK	9/14/2022	7	5	Good
0087-B0367	SEDGWICK	9/14/2022	7	7	Good
0087-B0368	SEDGWICK	9/14/2022	7	7	Good
0087-B0374	SEDGWICK	9/28/2022	N	N	Good
0087-B0375	SEDGWICK	9/29/2022	7	7	Good
0087-B0376	SEDGWICK	9/29/2022	7	7	Good
0087-B0377	SEDGWICK	9/28/2022	N	N	Good
0087-B0380	SEDGWICK	9/28/2022	N	N	Good
0087-B0381	SEDGWICK	9/28/2022	N	N	Good
0087-B0382	SEDGWICK	9/28/2022	N	N	Good

0087-B0383	SEDGWICK	9/28/2022	N	N	Good
0087-B0384	SEDGWICK	9/28/2022	N	N	Good
0087-B0385	SEDGWICK	9/28/2022	N	N	Good
0087-B0386	SEDGWICK	9/28/2022	N	N	Good
0087-B0387	SEDGWICK	9/28/2022	N	N	Good
0087-B0388	SEDGWICK	9/26/2022	N	N	Good
0087-B0389	SEDGWICK	9/26/2022	N	N	Good
0087-B0390	SEDGWICK	9/22/2022	N	N	Fair
0087-B0391	SEDGWICK	9/22/2022	N	N	Good
0087-B0392	SEDGWICK	9/22/2022	N	N	Good
0087-B0393	SEDGWICK	9/26/2022	N	N	Good
0087-B0394	SEDGWICK	9/26/2022	N	N	Good
0087-B0395	SEDGWICK	9/26/2022	N	N	Good
0087-B0396	SEDGWICK	9/26/2022	N	N	Fair
0087-B0397	SEDGWICK	9/26/2022	N	N	Good
0087-B0398	SEDGWICK	9/26/2022	N	N	Good
0087-B0399	SEDGWICK	9/26/2022	N	N	Good
0087-B0400	SEDGWICK	9/26/2022	N	N	Good
0087-B0401	SEDGWICK	9/26/2022	N	N	Good
0087-B0402	SEDGWICK	9/26/2022	N	N	Good
0087-B0403	SEDGWICK	9/27/2022	7	7	Good
0087-B0404	SEDGWICK	9/26/2022	6	7	Good
0087-B0405	SEDGWICK	9/26/2022	N	N	Good
0087-B0406	SEDGWICK	9/26/2022	N	N	Good
0087-B0407	SEDGWICK	9/27/2022	N	N	Good
0087-B0408	SEDGWICK	9/27/2022	N	N	Good
0087-B0409	SEDGWICK	9/26/2022	N	N	Good
0087-B0410	SEDGWICK	9/26/2022	N	N	Good
0087-B0411	SEDGWICK	9/27/2022	N	N	Good
0087-B0412	SEDGWICK	9/27/2022	N	N	Good
0087-B0413	SEDGWICK	9/27/2022	N	N	Good
0087-B0414	SEDGWICK	9/27/2022	N	N	Good
0087-B0415	SEDGWICK	9/27/2022	8	8	Good
0087-B0416	SEDGWICK	9/27/2022	8	8	Good
0087-B0417	SEDGWICK	9/27/2022	N	N	Good
0087-B0418	SEDGWICK	9/27/2022	N	N	Good
0087-B0419	SEDGWICK	9/27/2022	N	N	Good
0087-B0420	SEDGWICK	9/27/2022	N	N	Good
0087-B0421	SEDGWICK	9/27/2022	N	N	Good
0087-B0422	SEDGWICK	9/27/2022	N	N	Good
0087-B0423	SEDGWICK	9/27/2022	8	8	Good
0087-B0424	SEDGWICK	9/27/2022	7	8	Good
0087-B0425	SEDGWICK	9/27/2022	N	N	Good
0087-B0426	SEDGWICK	9/27/2022	N	N	Good
0087-B0427	SEDGWICK	9/27/2022	N	N	Good
0087-B0428	SEDGWICK	9/27/2022	N	N	Good
0087-B0429	SEDGWICK	9/13/2022	6	7	Good
0087-B0430	SEDGWICK	9/22/2022	7	8	Good
0087-B0431	SEDGWICK	9/22/2022	7	8	Good
0087-B0433	SEDGWICK	9/13/2022	N	N	Good
0087-B0434	SEDGWICK	9/13/2022	N	N	Good
0087-B0435	SEDGWICK	9/13/2022	N	N	Good
0087-B0436	SEDGWICK	9/13/2022	N	N	Good

0087-B0437	SEDGWICK	9/13/2022	7	7	Good
0087-B0438	SEDGWICK	9/13/2022	6	7	Good
0087-B0439	SEDGWICK	9/26/2022	N	N	Good
0087-B0440	SEDGWICK	9/26/2022	N	N	Good
0087-B0441	SEDGWICK	9/26/2022	N	N	Good
0087-B0442	SEDGWICK	9/21/2022	7	8	Good
0087-B0443	SEDGWICK	9/19/2022	6	7	Good
0087-B0444	SEDGWICK	9/19/2022	7	5	Good
0087-B0445	SEDGWICK	9/8/2022	N	N	Good
0087-B0446	SEDGWICK	9/21/2022	8	8	Good
0087-B0447	SEDGWICK	9/26/2022	N	N	Good
0087-B0448	SEDGWICK	9/22/2022	7	4	Good
0087-B0450	SEDGWICK	9/22/2022	7	8	Good
0087-B0451	SEDGWICK	9/22/2022	7	8	Good
0087-B0452	SEDGWICK	9/27/2022	7	7	Good
0087-B0453	SEDGWICK	9/19/2022	N	N	Good
0087-B0454	SEDGWICK	9/19/2022	N	N	Good
0087-B0455	SEDGWICK	9/19/2022	7	7	Good
0087-B0456	SEDGWICK	9/13/2022	7	8	Good
0087-B0457	SEDGWICK	9/21/2022	N	N	Good
0087-B0458	SEDGWICK	9/21/2022	7	8	Good
0087-B0459	SEDGWICK	9/21/2022	7	5	Good
0087-B0460	SEDGWICK	9/20/2022	8	8	Fair
0087-B0461	SEDGWICK	9/21/2022	8	8	Good
0087-B0462	SEDGWICK	9/12/2022	7	7	Good
0087-B0463	SEDGWICK	9/19/2022	7	7	Good
0087-B0464	SEDGWICK	9/19/2022	7	8	Good
0087-B0465	SEDGWICK	9/19/2022	7	7	Good
0087-B0466	SEDGWICK	9/12/2022	7	8	Fair
0087-B0467	SEDGWICK	9/28/2022	N	N	Good
0087-B0468	SEDGWICK	9/28/2022	N	N	Good
0087-B0470	SEDGWICK	9/12/2022	7	8	Good
0087-B0489	SEDGWICK	9/26/2022	N	N	Good
0087-B0491	SEDGWICK	9/26/2022	N	N	Good
0087-B0493	SEDGWICK	9/26/2022	8	8	Good
0087-B0494	SEDGWICK	9/26/2022	7	8	Good
0087-B0496	SEDGWICK	9/26/2022	N	N	Good
0087-B0497	SEDGWICK	9/26/2022	N	N	Good
0087-B0498	SEDGWICK	9/21/2022	N	N	Good
0087-B0499	SEDGWICK	9/21/2022	N	N	Good
0087-B0700	SEDGWICK	9/21/2022	N	N	Good
0087-B0701	SEDGWICK	9/21/2022	N	N	Good
0087-B0702	SEDGWICK	9/21/2022	N	N	Good
0087-B0704	SEDGWICK	9/21/2022	N	N	Good
0087-B0705	SEDGWICK	9/21/2022	N	N	Good
0087-B0706	SEDGWICK	9/19/2022	7	5	Good
0087-B0707	SEDGWICK	9/26/2022	N	N	Good
0087-B0787	SEDGWICK	9/12/2022	N	N	Good
0087-B0788	SEDGWICK	9/12/2022	N	N	Good
0087-B0789	SEDGWICK	9/12/2022	8	8	Good
0087-B0790	SEDGWICK	9/12/2022	8	8	Good
0087-B0798	SEDGWICK	9/28/2022	8	8	Good
0087-B0799	SEDGWICK	9/28/2022	8	8	Good

0087-B0811	SEDGWICK	9/27/2022	N	N	Good
0087-B0812	SEDGWICK	9/27/2022	N	N	Good
0087-B0813	SEDGWICK	9/27/2022	N	N	Good
0087-B0817	SEDGWICK	9/27/2022	8	8	Good
0087-B0818	SEDGWICK	9/27/2022	N	N	Good
0087-B0820	SEDGWICK	9/27/2022	8	8	Good
0087-B0822	SEDGWICK	9/28/2022	N	N	Good
0087-B0826	SEDGWICK	9/21/2022	N	N	Good
0087-B0827	SEDGWICK	9/19/2022	8	8	Good
0087-B0828	SEDGWICK	9/15/2022	N	N	Good
0087-B0829	SEDGWICK	9/15/2022	N	N	Good
0087-B0830	SEDGWICK	9/15/2022	N	N	Good
0087-B0831	SEDGWICK	9/15/2022	N	N	Good
0087-B0832	SEDGWICK	9/15/2022	N	N	Good
0087-B0833	SEDGWICK	9/15/2022	N	N	Good
0087-B0835	SEDGWICK	9/27/2022	7	7	Good
0087-B0836	SEDGWICK	9/27/2022	7	7	Good
0087-B0837	SEDGWICK	9/27/2022	N	N	Good
0087-B0838	SEDGWICK	9/27/2022	8	8	Good
0087-B0839	SEDGWICK	9/27/2022	8	8	Good
0087-B0841	SEDGWICK	9/27/2022	8	8	Good
0087-B0842	SEDGWICK	9/28/2022	9	9	Good
0087-B0843	SEDGWICK	9/28/2022	N	N	Good
0087-B0844	SEDGWICK	9/28/2022	N	N	Good
0087-B0848	SEDGWICK	9/19/2022	8	8	Good
0087-B0849	SEDGWICK	9/19/2022	8	8	Good
0087-B0850	SEDGWICK	9/29/2022	N	N	Good
0087-B0851	SEDGWICK	9/29/2022	N	N	Good
0087-B0855	SEDGWICK	9/28/2022	N	N	Good
0087-C0533	SEDGWICK	11/1/2022	7	8	Good
Total	**346**				

BRIDGE_ID	COUNTY	INSPDATE	CHANNEL_RATING	WATERWAY_ADEQUECY	GFP
0089-B0005	SHAWNEE	5/12/2022	6	6	Good
0089-B0015	SHAWNEE	5/18/2022	7	5	Fair
0089-B0019	SHAWNEE	5/18/2022	N	N	Fair
0089-B0024	SHAWNEE	5/18/2022	7	8	Good
0089-B0025	SHAWNEE	5/18/2022	N	N	Fair
0089-B0027	SHAWNEE	5/23/2022	N	N	Good
0089-B0028	SHAWNEE	5/23/2022	N	N	Fair
0089-B0029	SHAWNEE	5/23/2022	N	N	Fair
0089-B0030	SHAWNEE	5/23/2022	N	N	Fair
0089-B0031	SHAWNEE	5/23/2022	N	N	Fair
0089-B0032	SHAWNEE	5/25/2022	N	N	Fair
0089-B0033	SHAWNEE	5/23/2022	N	N	Good
0089-B0034	SHAWNEE	5/23/2022	7	7	Good
0089-B0035	SHAWNEE	5/23/2022	6	6	Fair
0089-B0036	SHAWNEE	5/25/2022	N	N	Good
0089-B0038	SHAWNEE	5/25/2022	N	N	Fair
0089-B0040	SHAWNEE	5/25/2022	N	N	Fair
0089-B0041	SHAWNEE	5/26/2022	N	N	Good
0089-B0043	SHAWNEE	5/26/2022	7	6	Good
0089-B0046	SHAWNEE	5/16/2022	N	N	Fair
0089-B0047	SHAWNEE	5/16/2022	N	N	Good
0089-B0054	SHAWNEE	5/16/2022	N	N	Fair
0089-B0055	SHAWNEE	5/16/2022	N	N	Fair
0089-B0068	SHAWNEE	5/17/2022	N	N	Fair
0089-B0075	SHAWNEE	5/10/2022	N	N	Fair
0089-B0076	SHAWNEE	5/10/2022	N	N	Fair
0089-B0077	SHAWNEE	5/10/2022	N	N	Fair
0089-B0082	SHAWNEE	5/26/2022	N	N	Fair
0089-B0083	SHAWNEE	5/26/2022	N	N	Fair
0089-B0084	SHAWNEE	5/26/2022	7	4	Good
0089-B0085	SHAWNEE	5/26/2022	7	4	Fair
0089-B0086	SHAWNEE	5/26/2022	N	N	Fair
0089-B0087	SHAWNEE	5/26/2022	N	N	Good
0089-B0095	SHAWNEE	6/6/2022	N	N	Good
0089-B0097	SHAWNEE	5/17/2022	N	N	Fair
0089-B0101	SHAWNEE	5/23/2022	7	7	Good
0089-B0109	SHAWNEE	5/26/2022	N	N	Fair
0089-B0110	SHAWNEE	5/26/2022	N	N	Good
0089-B0111	SHAWNEE	5/26/2022	7	7	Good
0089-B0112	SHAWNEE	5/26/2022	7	7	Fair
0089-B0113	SHAWNEE	5/26/2022	N	N	Fair
0089-B0114	SHAWNEE	5/26/2022	N	N	Good
0089-B0124	SHAWNEE	6/3/2022	N	N	Good
0089-B0125	SHAWNEE	6/6/2022	7	7	Good
0089-B0126	SHAWNEE	6/6/2022	7	8	Good
0089-B0127	SHAWNEE	6/6/2022	N	N	Good
0089-B0128	SHAWNEE	6/6/2022	N	N	Good
0089-B0129	SHAWNEE	6/6/2022	N	N	Fair

0089-B0130	SHAWNEE	6/6/2022	N	N	Fair
0089-B0131	SHAWNEE	6/6/2022	N	N	Good
0089-B0132	SHAWNEE	6/6/2022	N	N	Good
0089-B0133	SHAWNEE	6/6/2022	N	N	Good
0089-B0134	SHAWNEE	6/6/2022	N	N	Good
0089-B0135	SHAWNEE	6/6/2022	N	N	Good
0089-B0136	SHAWNEE	6/6/2022	N	N	Good
0089-B0137	SHAWNEE	6/6/2022	N	N	Fair
0089-B0138	SHAWNEE	6/6/2022	N	N	Fair
0089-B0139	SHAWNEE	6/6/2022	N	N	Good
0089-B0140	SHAWNEE	6/6/2022	N	N	Good
0089-B0141	SHAWNEE	6/6/2022	N	N	Good
0089-B0142	SHAWNEE	6/6/2022	N	N	Fair
0089-B0150	SHAWNEE	6/6/2022	N	N	Good
0089-B0151	SHAWNEE	5/16/2022	N	N	Fair
0089-B0152	SHAWNEE	5/26/2022	N	N	Good
0089-B0155	SHAWNEE	5/23/2022	N	N	Good
0089-B0156	SHAWNEE	5/23/2022	N	N	Good
0089-B0157	SHAWNEE	5/17/2022	N	N	Fair
0089-B0158	SHAWNEE	5/17/2022	N	N	Good
0089-B0159	SHAWNEE	5/17/2022	N	N	Good
0089-B0160	SHAWNEE	5/17/2022	N	N	Good
0089-B0161	SHAWNEE	5/23/2022	N	N	Fair
0089-B0162	SHAWNEE	5/22/2022	N	N	Fair
0089-B0163	SHAWNEE	5/23/2022	N	N	Good
0089-B0164	SHAWNEE	5/19/2022	7	8	Good
0089-B0165	SHAWNEE	5/19/2022	7	7	Good
0089-B0166	SHAWNEE	5/11/2022	7	6	Fair
0089-B0168	SHAWNEE	5/18/2022	8	8	Good
0089-B0169	SHAWNEE	5/11/2022	7	6	Good
0089-B0170	SHAWNEE	5/11/2022	6	8	Fair
0089-B0171	SHAWNEE	5/17/2022	7	8	Good
0089-B0173	SHAWNEE	6/6/2022	6	7	Fair
0089-B0174	SHAWNEE	6/6/2022	6	7	Fair
0089-B0175	SHAWNEE	6/28/2022	7	7	Good
0089-B0176	SHAWNEE	6/28/2022	7	7	Good
0089-B0177	SHAWNEE	6/28/2022	6	7	Good
0089-B0178	SHAWNEE	6/28/2022	7	7	Fair
0089-B0179	SHAWNEE	5/10/2022	N	N	Good
0089-B0180	SHAWNEE	5/10/2022	N	N	Good
0089-B0181	SHAWNEE	5/19/2022	6	7	Good
0089-B0183	SHAWNEE	5/16/2022	N	N	Good
0089-B0186	SHAWNEE	5/16/2022	N	N	Good
0089-B0187	SHAWNEE	5/16/2022	N	N	Good
0089-B0188	SHAWNEE	5/17/2022	7	6	Good
0089-B0190	SHAWNEE	5/18/2022	N	N	Fair
0089-B0191	SHAWNEE	5/18/2022	N	N	Good
0089-B0192	SHAWNEE	5/18/2022	N	N	Good
0089-B0193	SHAWNEE	5/18/2022	N	N	Good
0089-B0194	SHAWNEE	5/18/2022	N	N	Good

0089-B0195	SHAWNEE	5/19/2022	N	N	Good
0089-B0197	SHAWNEE	5/19/2022	7	8	Good
0089-B0198	SHAWNEE	5/16/2022	N	N	Good
0089-B0199	SHAWNEE	5/16/2022	N	N	Good
0089-B0200	SHAWNEE	5/16/2022	N	N	Good
0089-B0201	SHAWNEE	5/16/2022	N	N	Good
0089-B0202	SHAWNEE	5/18/2022	N	N	Good
0089-B0204	SHAWNEE	5/16/2022	N	N	Good
0089-B0206	SHAWNEE	5/11/2022	N	N	Good
0089-B0207	SHAWNEE	5/11/2022	N	N	Good
0089-B0208	SHAWNEE	5/11/2022	N	N	Good
0089-B0209	SHAWNEE	7/29/2022	7	7	Good
0089-B0210	SHAWNEE	5/11/2022	N	N	Good
0089-B0211	SHAWNEE	5/11/2022	N	N	Good
0089-B0212	SHAWNEE	5/11/2022	N	N	Good
0089-B0213	SHAWNEE	5/11/2022	N	N	Good
0089-B0214	SHAWNEE	5/11/2022	N	N	Good
0089-B0215	SHAWNEE	5/11/2022	6	6	Good
0089-B0216	SHAWNEE	5/11/2022	N	N	Good
0089-B0217	SHAWNEE	5/12/2022	N	N	Good
0089-B0218	SHAWNEE	5/12/2022	8	8	Good
0089-B0219	SHAWNEE	5/12/2022	8	8	Good
0089-B0220	SHAWNEE	5/18/2022	7	7	Good
0089-B0221	SHAWNEE	5/18/2022	N	N	Good
0089-B0222	SHAWNEE	5/18/2022	N	N	Good
0089-B0224	SHAWNEE	5/12/2022	N	N	Good
0089-B0230	SHAWNEE	5/18/2022	N	N	Good
0089-B0231	SHAWNEE	5/18/2022	8	8	Good
0089-B0232	SHAWNEE	5/18/2022	N	N	Good
0089-B0233	SHAWNEE	5/20/2022	6	7	Good
0089-B0234	SHAWNEE	5/18/2022	N	N	Good
0089-B0235	SHAWNEE	5/18/2022	N	N	Good
0089-B0236	SHAWNEE	5/17/2022	7	7	Good
0089-B0237	SHAWNEE	5/17/2022	8	8	Good
0089-B0240	SHAWNEE	5/11/2022	N	N	Good
0089-B0241	SHAWNEE	5/11/2022	5	7	Good
0089-B0242	SHAWNEE	5/11/2022	N	N	Good
0089-B0243	SHAWNEE	5/11/2022	N	N	Good
0089-B0244	SHAWNEE	5/11/2022	N	N	Good
0089-B0245	SHAWNEE	5/11/2022	N	N	Good
0089-B0246	SHAWNEE	5/17/2022	N	N	Good
0089-B0247	SHAWNEE	5/17/2022	N	N	Good
0089-B0249	SHAWNEE	5/25/2022	N	N	Good
0089-B0250	SHAWNEE	5/26/2022	N	N	Good
0089-B0251	SHAWNEE	6/28/2022	N	N	Good
0089-B0252	SHAWNEE	5/11/2022	N	N	Good
0089-B0253	SHAWNEE	6/28/2022	N	N	Good
0089-B0254	SHAWNEE	5/11/2022	N	N	Good
0089-B0255	SHAWNEE	5/11/2022	N	N	Good
0089-B0256	SHAWNEE	5/11/2022	N	N	Good

0089-B0257	SHAWNEE	6/28/2022	7	7	Good
0089-B0258	SHAWNEE	6/28/2022	N	N	Good
0089-B0259	SHAWNEE	6/28/2022	N	N	Good
0089-B0260	SHAWNEE	6/28/2022	N	N	Good
0089-B0261	SHAWNEE	5/18/2022	N	N	Good
0089-B0262	SHAWNEE	5/18/2022	N	N	Good
0089-B0264	SHAWNEE	5/17/2022	N	N	Good
0089-B0265	SHAWNEE	5/17/2022	N	N	Good
0089-B0266	SHAWNEE	5/23/2022	N	N	Good
0089-B0267	SHAWNEE	5/18/2022	N	N	Good
0089-B0269	SHAWNEE	5/11/2022	N	N	Good
0089-B0270	SHAWNEE	5/11/2022	N	N	Good
0089-B0271	SHAWNEE	5/11/2022	N	N	Good
0089-B0272	SHAWNEE	5/11/2022	N	N	Good
0089-B0273	SHAWNEE	5/12/2022	N	N	Good
0089-B0274	SHAWNEE	5/12/2022	N	N	Good
0089-B0275	SHAWNEE	5/12/2022	N	N	Good
0089-B0276	SHAWNEE	5/12/2022	N	N	Good
0089-B0277	SHAWNEE	5/12/2022	N	N	Good
0089-B0278	SHAWNEE	5/12/2022	N	N	Good
0089-B0279	SHAWNEE	5/17/2022	N	N	Fair
0089-B0280	SHAWNEE	5/17/2022	N	N	Fair
0089-B0281	SHAWNEE	5/19/2022	8	8	Good
0089-B0282	SHAWNEE	5/10/2022	N	N	Good
0089-B0283	SHAWNEE	5/10/2022	N	N	Good
0089-B0292	SHAWNEE	6/28/2022	N	N	Good
0089-B0293	SHAWNEE	6/28/2022	N	N	Good
0089-B0294	SHAWNEE	6/28/2022	N	N	Good
0089-B0295	SHAWNEE	6/28/2022	N	N	Good
0089-B0296	SHAWNEE	5/10/2022	N	N	Good
0089-B0297	SHAWNEE	5/10/2022	N	N	Good
0089-B0298	SHAWNEE	5/10/2022	8	8	Good
0089-B0299	SHAWNEE	5/10/2022	8	8	Good
0089-B0300	SHAWNEE	5/19/2022	8	8	Good
0089-B0302	SHAWNEE	5/10/2022	N	N	Good
0089-B0316	SHAWNEE	6/28/2022	N	N	Good
0089-B0317	SHAWNEE	6/6/2022	7	8	Good
0089-B0320	SHAWNEE	5/16/2022	6	6	Good
Total	**186**				

BRIDGE_ID	COUNTY	INSPDATE	CHANNEL_RATING	WATERWAY_ADEQUECY	GFP
0105-B0002	WYANDOTTE	8/22/2022	N	N	Fair
0105-B0003	WYANDOTTE	8/17/2022	7	8	Good
0105-B0004	WYANDOTTE	8/17/2022	8	8	Good
0105-B0005	WYANDOTTE	8/17/2022	N	N	Good
0105-B0006	WYANDOTTE	8/17/2022	N	N	Good
0105-B0007	WYANDOTTE	8/17/2022	7	7	Good
0105-B0008	WYANDOTTE	8/17/2022	7	7	Good
0105-B0009	WYANDOTTE	8/17/2022	N	N	Fair
0105-B0010	WYANDOTTE	8/17/2022	N	N	Fair
0105-B0014	WYANDOTTE	8/3/2022	N	N	Good
0105-B0015	WYANDOTTE	8/3/2022	N	N	Good
0105-B0016	WYANDOTTE	8/3/2022	8	8	Good
0105-B0017	WYANDOTTE	8/3/2022	7	8	Good
0105-B0031	WYANDOTTE	10/15/2022	6	7	Poor
0105-B0070	WYANDOTTE	7/21/2022	7	8	Fair
0105-B0072	WYANDOTTE	12/16/2022	6	6	Poor
0105-B0111	WYANDOTTE	7/8/2022	N	N	Good
0105-B0112	WYANDOTTE	7/8/2022	N	N	Good
0105-B0136	WYANDOTTE	12/16/2022	7	7	Poor
0105-B0142	WYANDOTTE	12/7/2022	N	N	Fair
0105-B0163	WYANDOTTE	7/12/2022	N	N	Good
0105-B0173	WYANDOTTE	10/4/2022	8	8	Fair
0105-B0174	WYANDOTTE	10/4/2022	N	N	Fair
0105-B0178	WYANDOTTE	8/31/2022	N	N	Fair
0105-B0181	WYANDOTTE	7/21/2022	7	8	Good
0105-B0194	WYANDOTTE	5/9/2022	7	7	Fair
0105-B0245	WYANDOTTE	10/5/2022	N	N	Good
0105-B0247	WYANDOTTE	10/5/2022	N	N	Fair
0105-B0278	WYANDOTTE	7/12/2022	N	N	Fair
0105-B0279	WYANDOTTE	8/17/2022	8	8	Good
0105-B0280	WYANDOTTE	8/17/2022	7	8	Good
0105-B0282	WYANDOTTE	7/12/2022	N	N	Good
0105-B0283	WYANDOTTE	7/12/2022	N	N	Good
0105-B0305	WYANDOTTE	8/17/2022	7	7	Good
0105-B0313	WYANDOTTE	8/17/2022	7	8	Good
0105-B0314	WYANDOTTE	7/21/2022	8	8	Good
0105-B0315	WYANDOTTE	8/3/2022	N	N	Good
0105-B0316	WYANDOTTE	8/3/2022	N	N	Good
0105-B0317	WYANDOTTE	8/17/2022	N	N	Good
0105-B0318	WYANDOTTE	8/17/2022	N	N	Good
0105-B0335	WYANDOTTE	7/8/2022	N	N	Good
0105-B0339	WYANDOTTE	9/1/2022	7	9	Fair
0105-C0500	WYANDOTTE	8/30/2022	8	8	Good
0105-C0508	WYANDOTTE	8/31/2022	7	7	Fair
0105-C0510	WYANDOTTE	8/31/2022	6	7	Good
0105-C0511	WYANDOTTE	8/31/2022	7	6	Good
0105-C0513	WYANDOTTE	8/30/2022	5	5	Good
0105-C0515	WYANDOTTE	8/30/2022	7	7	Good
0105-C0517	WYANDOTTE	8/31/2022	7	6	Good
0105-C0518	WYANDOTTE	8/30/2022	7	8	Good
0105-C0519	WYANDOTTE	8/30/2022	7	8	Good
0105-C0520	WYANDOTTE	8/31/2022	7	6	Good
0105-C0527	WYANDOTTE	8/30/2022	7	8	Good
0105-C0528	WYANDOTTE	8/31/2022	7	8	Good
0105-C0529	WYANDOTTE	8/30/2022	8	8	Good
0105-C0531	WYANDOTTE	8/31/2022	8	8	Good
0105-C0533	WYANDOTTE	8/30/2022	8	7	Good
0105-C0534	WYANDOTTE	8/31/2022	7	7	Good
Total	**58**				

MCM7: Total Maximum Daily Load (TMDL) Regulated Pollutants

Part 1.D:

The section of the SMP applies to the following permit numbers: M-KS27-SU01; M-KS31-SU02; M-KS72-SU02; M-KS38-SU01; M-AR94-SU02. The purpose of this section is to provide an update per the permit requirement as discussed in Part I.D of the effective permit(s).

KDOT will implement Stormwater Control Measures (SCM) per the requirements of Part I.C.5, and as described in KDOT's effective SCM manual. This will evaluate opportunities for SCM implementation, consisting of both structural and non-structural BMP options, within existing KDOT maintained right-of-way within the urbanized area as described in the effective permit. Figure 1 through Figure 5 identifies the KDOT owned and operated corridors for each applicable permitted area.

KDOT owns and maintains only the right-of-way area as shown on each figure within each of the urbanized areas. The adjoining land is managed by other jurisdictions, under a separate permitting authority. KDOT only has jurisdiction within the limits of its right-of-way.

Update, Best Management Practices (BMP)

KDOT has developed an SCM Manual applicable within the KDOT maintained right-of-way, within the permit defined area. This manual is implemented per the requirements stated in Part I.C.5. The SCM manual includes:

- Descriptions of preferred SCMs
- Design guidelines for SCMs
- Submittal guidelines for SCMs
- Effectiveness of SCMs. KDOT is referencing the *National Cooperative Highway Research Program (NCHRP) Research Report 922, Stormwater Infiltration in the Highway Environment: Guidance Manual,* 2019 for the effectiveness of SCMs in the highway right-of-way environment.
- Inspection and maintenance activities for SCMs.

SCMs will be implemented over time within the right-of-way, as part of other KDOT projects per the requirements of Part I.C.5. KDOT project opportunities for SCM include a preference to preserve existing vegetated areas and utilizing the right-of-way for stormwater management. KDOT's regular maintenance of SCMs will preserve the functionality of this infrastructure. Effectiveness will be monitored through regular inspection and maintenance activities.

Update, Measurable Goals to Assess the Effectiveness of the TMDL BMPs

Surface water monitoring and reporting is not required of KDOT, as stated in Part II of the effective permits. KDOT is meeting TMDL measurable goals to the maximum extent practicable through implementation of SCMs as part of KDOT projects within the permit areas, over a period of time.

Update, Maps shall be developed and maintained

Figure 6 through Figure 10 include the following information, as required per Part I.D.3: permit area, watershed boundaries, KDOT maintained bridges and culverts, and TMDL impaired water body, as listed in the permit, *Part II TMDL Table*, and in Table 1.

Figure 1 – Kansas City Urbanized Area, KDOT Right-of-Way

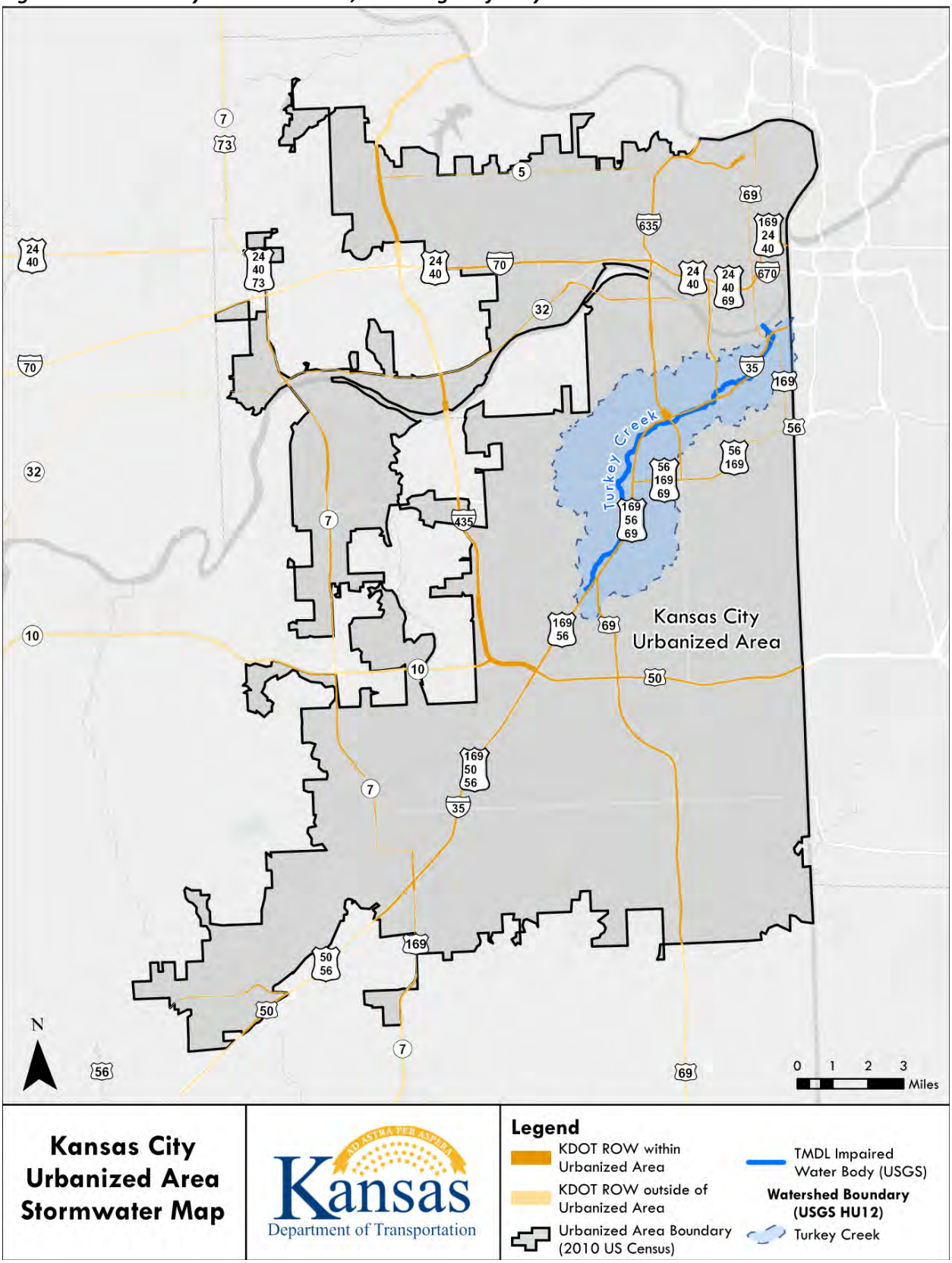


Figure 2 – Lawrence Urbanized Area, KDOT Right-of-Way

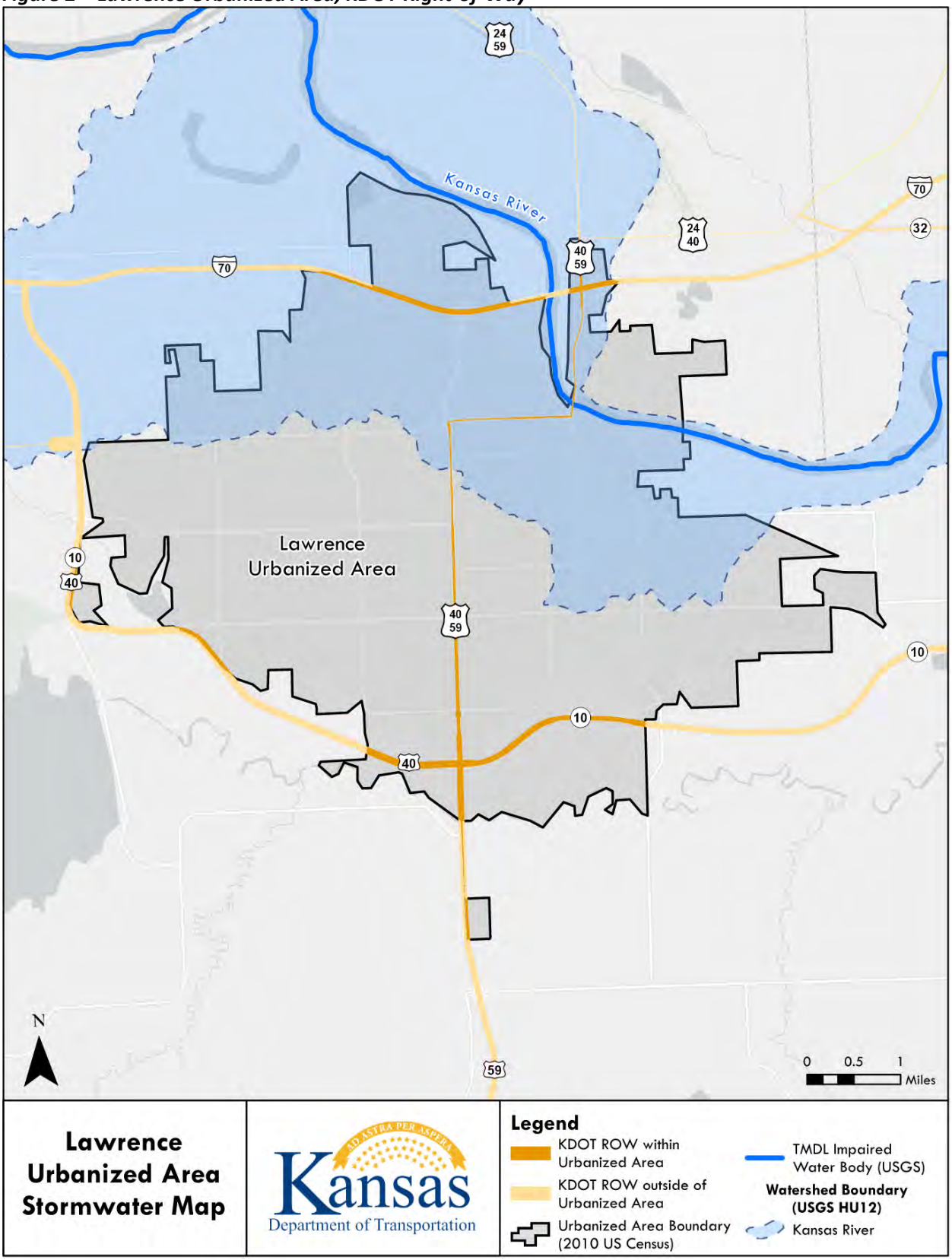


Figure 3 – Manhattan Urbanized Area, KDOT Right-of-Way

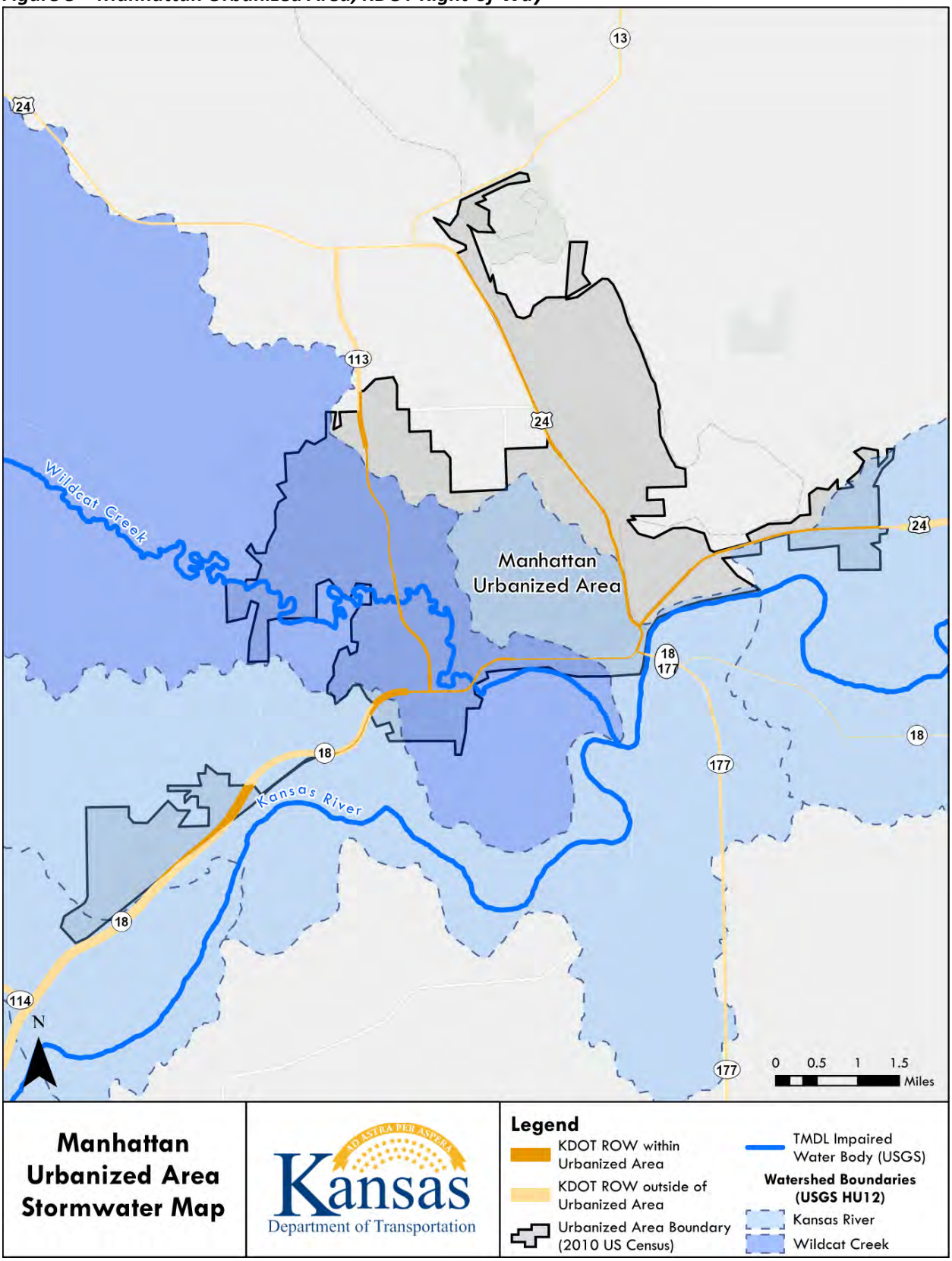


Figure 4 – Topeka Urbanized Area, KDOT Right-of-Way

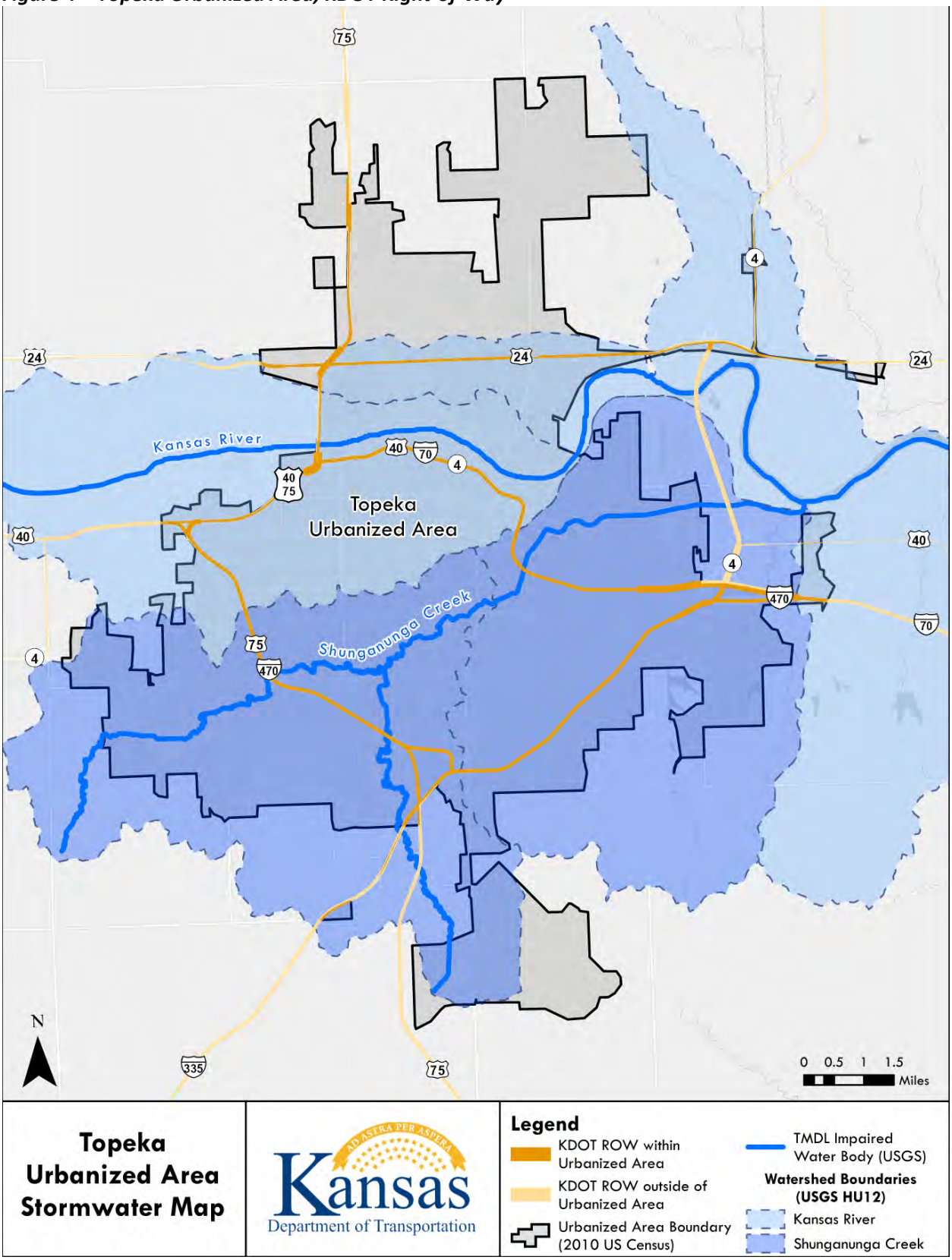


Figure 5 – Wichita Urbanized Area, KDOT Right-of-Way

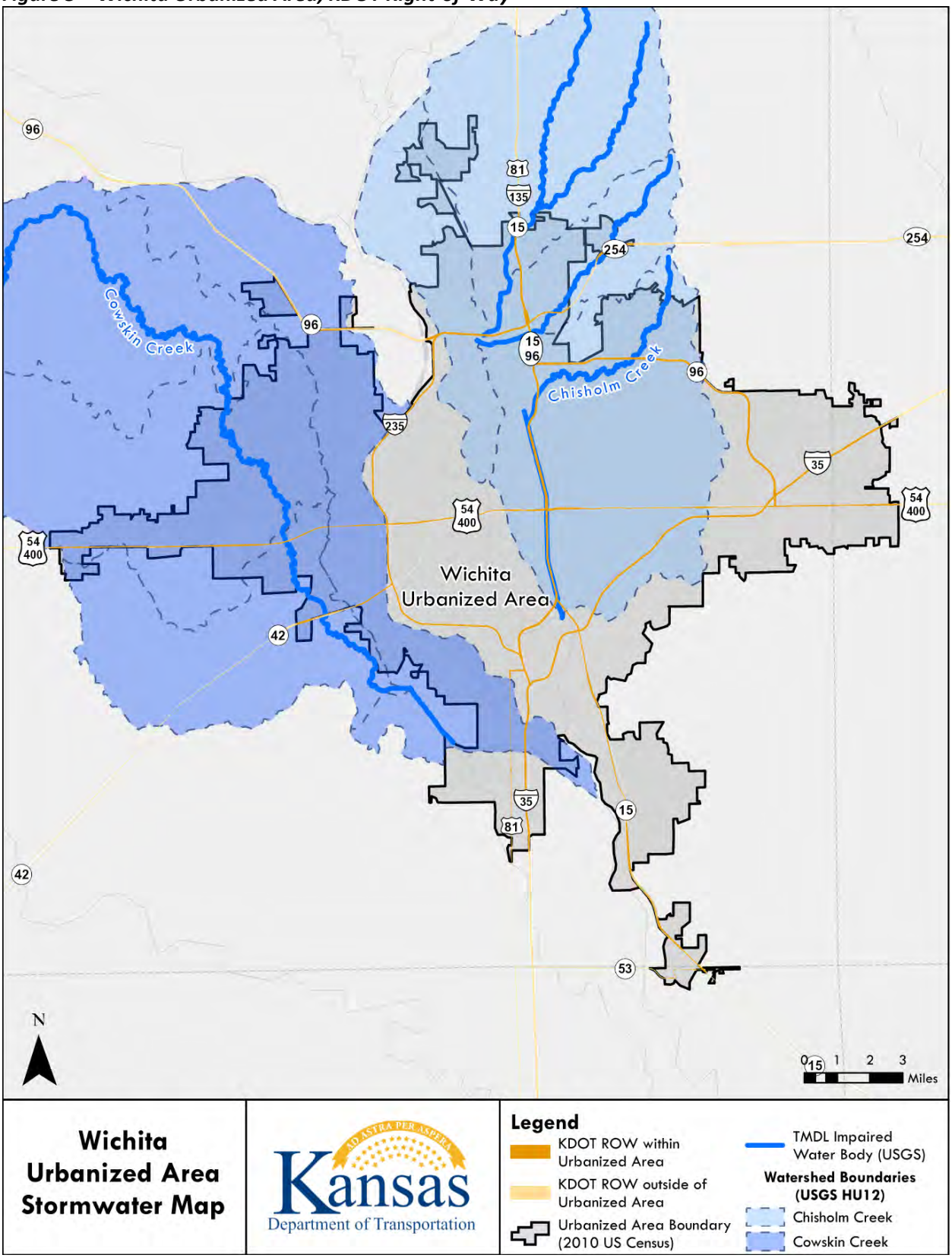


Figure 6 – Kansas City Urbanized Area, KDOT Bridges and Culverts

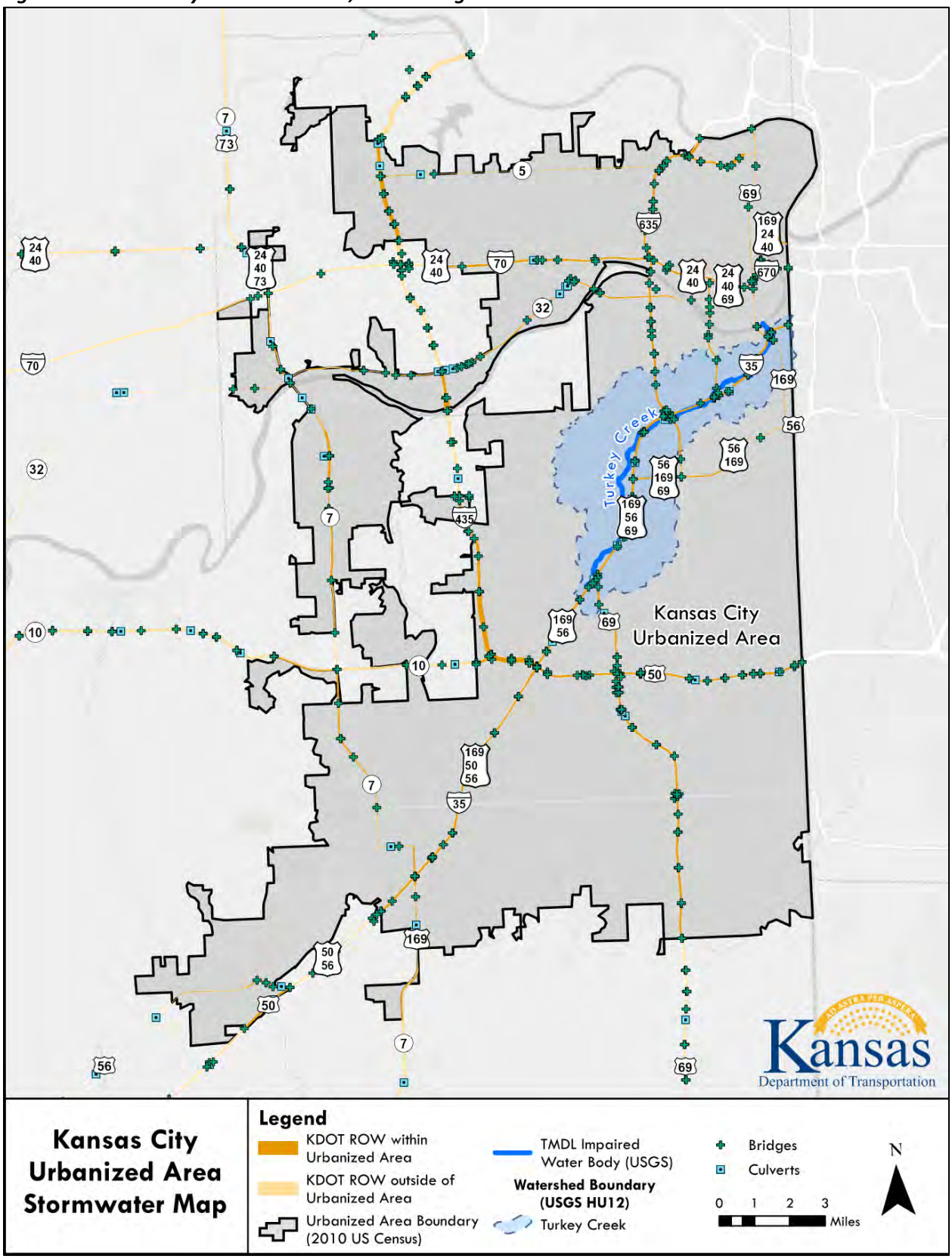


Figure 7 – Lawrence Urbanized Area, KDOT Bridges and Culverts

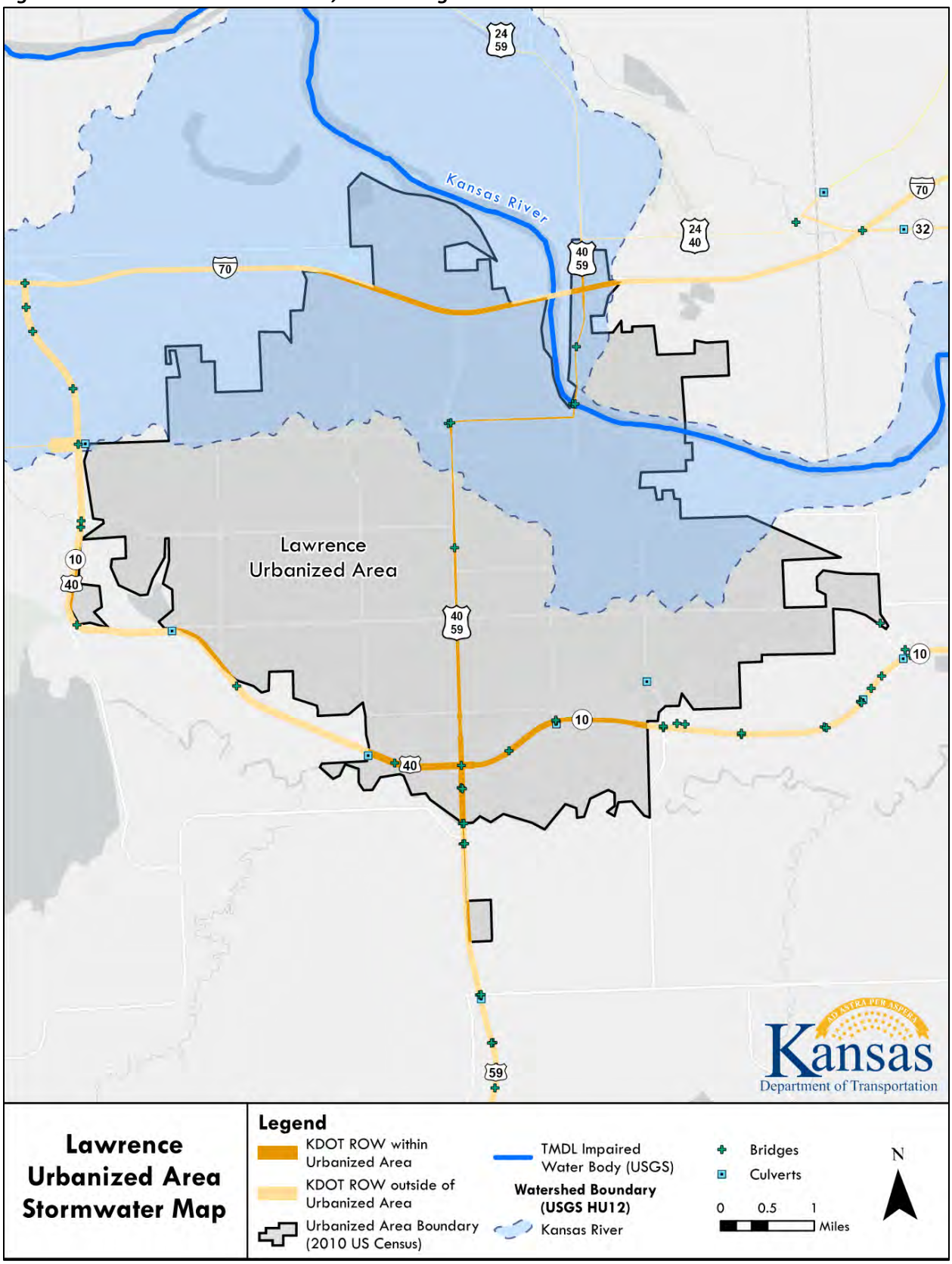


Figure 8 – Manhattan Urbanized Area, KDOT Bridges and Culverts

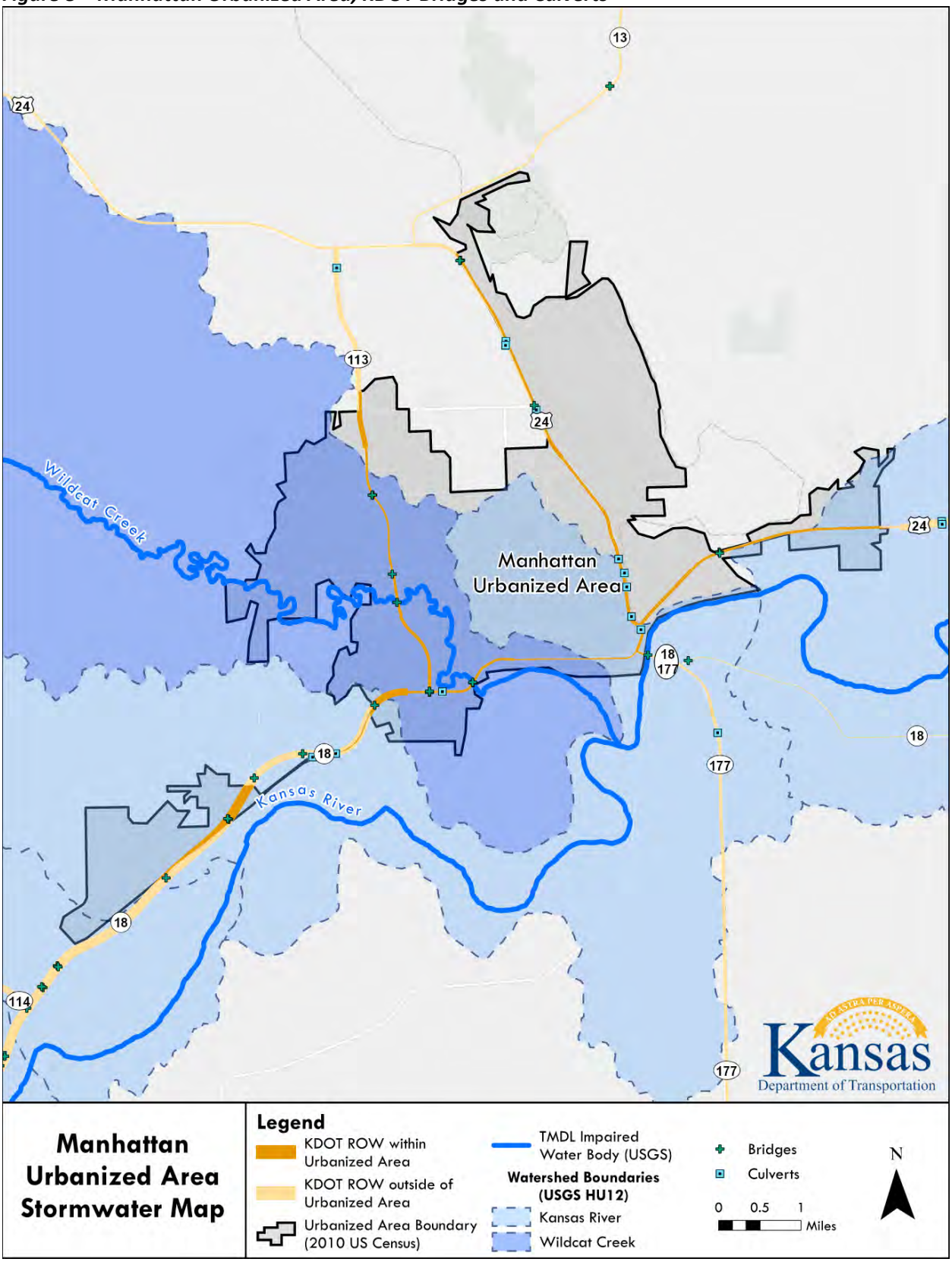


Figure 9 – Topeka Urbanized Area, KDOT Bridges and Culverts

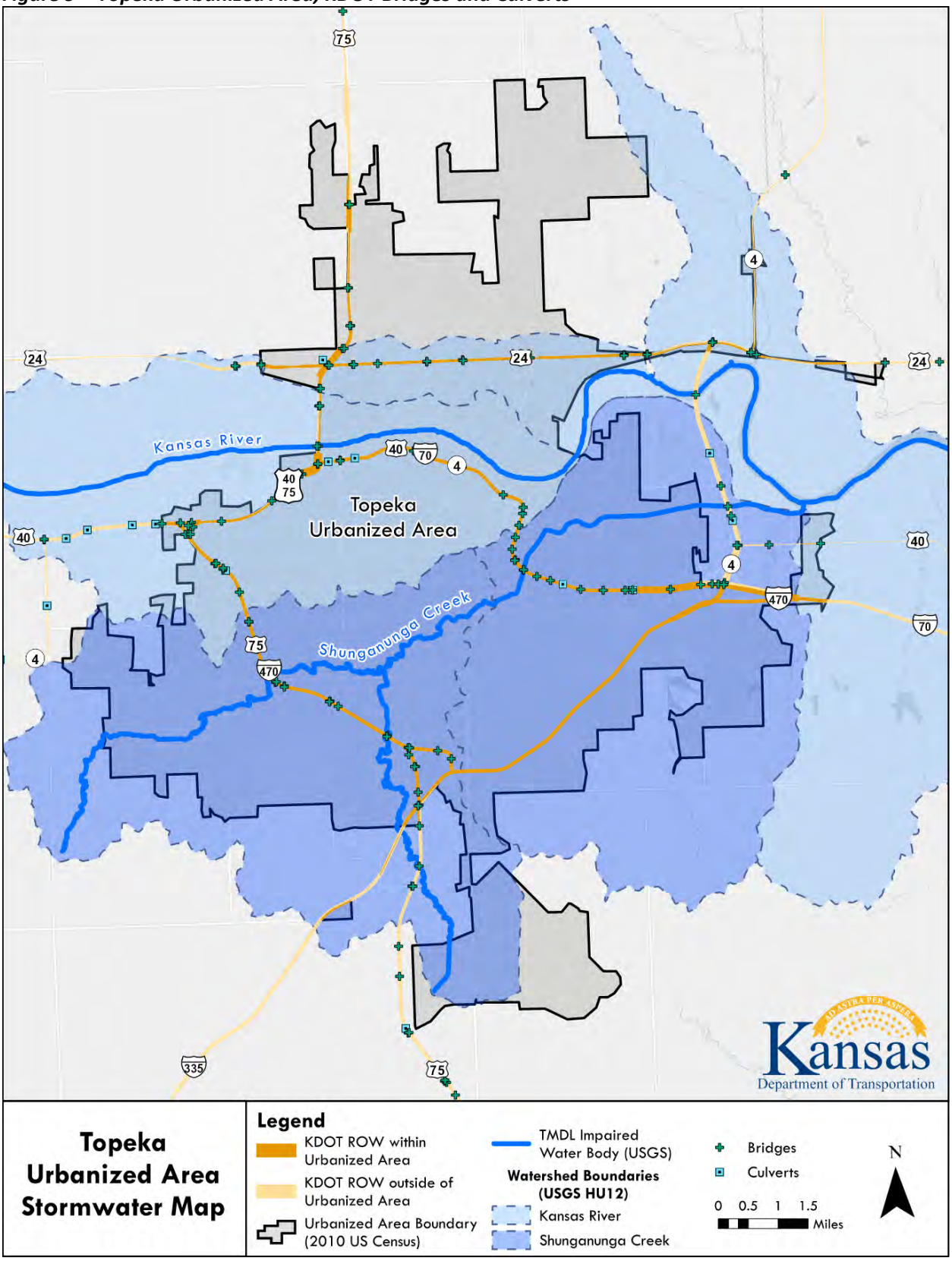
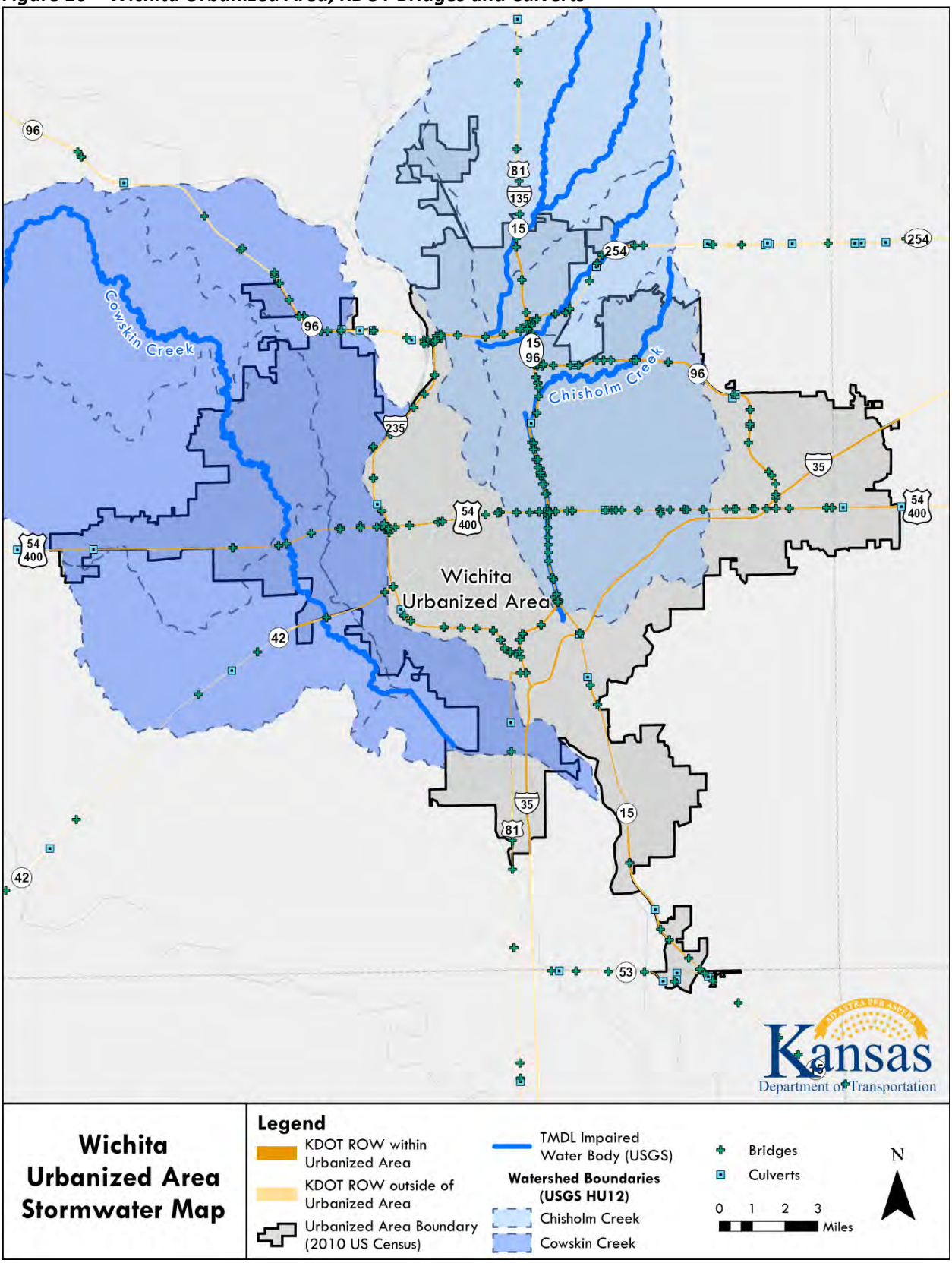


Figure 10 – Wichita Urbanized Area, KDOT Bridges and Culverts



Part II: Total Maximum Daily Load (TMDL) Best Management Practices and Surface Water Monitoring

Part II of the effective permit(s) states that KDOT "is required to implement BMPs to attenuate the discharge of TMDL regulated pollutants from the MS4 to specific impaired streams as listed in the TMDL Table." KDOT's permit obligations are listed in Table 7.1.

Table 7.1 – KDOT TMDL Table

Permit #	Urbanized Area	Water Body	Regulated Pollutants	KDOT's Percent Land Ownership in Watershed (Within permit area)
M-KS27-SU01	Kansas City	Turkey Creek	Bacteria; Nutrients; Sediment	4.0%
M-KS31-SU02	Lawrence	Kansas River	Bacteria; Nutrients; Sediment	1.8%
M-KS72-SU02	Topeka	Kansas River; Shunganunga Creek	Bacteria; Nutrients; Sediment	3.6%
M-KS38-SN01	Manhattan	Kansas River; Wildcat Creek	Bacteria; Nutrients; Sediment	2.9%
M-AR94-SU02	Wichita	Chisholm Creek; Cowskin Creek	Bacteria; Nutrients; Sediment	1.9%

Reference Table 7.2 for a list of available BMPs for implementation and their respective descriptions. KDOT's jurisdictional authority is limited to the land under its ownership in each of the respective watersheds, within the permit extents. Therefore, non-structural BMPs were identified by KDOT to provide the most impact toward reducing the discharge of pollutants within the permitted TMDL watersheds.

Table 7.2 - Available BMPs

Lbmp TMDL	KDOT Applicability		Description
	Existing	Future	
01	No	No	Install pet waste stations at parks, trails, rest areas, etc.
02	No	No	Establish program to encourage residential rain gardens
03	No	No	Install and operate a constructed wetland
04	No	No	Enact a stream buffer ordinance
05	No	No	Develop a pet waste document educating the public about animal waste contamination
06	Yes	Yes	Distribute “Only Rain Down the Drain” document
07	Yes	Yes	Inspect 10% of all known MS4 outfalls for dry weather discharges
08	No	No	Implement an alternative stormwater offsite pollution reduction program
09	Yes	Yes	Implement a program to collect and properly dispose of litter on four separate occasions per calendar year
10	No	No	Establish a program to encourage rainwater harvesting
11	No	No	Construct and maintain a structural BMP
12	No	No	Construct a stream bank stabilization project

BMPs identified as applicable to KDOT are described in the following subsections.

Lbmp TMDL - 06: Distribute "Only Rain Down the Drain" Document

Measurable Goal: Provide within permit area with suspected illicit discharges.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT works to educate the public on the importance of minimizing stormwater impacts by providing resources on the KDOT website. Both a 30-second and 10-minute Illicit Discharge Awareness videos are available to the public through KDOT's website: https://www.ksdot.org/bureaus/burMaint/StormWater/default.asp.

Topics discussed in the Illicit Discharge Awareness video include:

- Storm sewer purpose
- Storm sewer vs sanitary sewers
- Spotting illicit discharges
- Ecological impacts
- How to report illicit discharges

KDOT developed a brochure to educate the public about the Adopt-a-Highway program. This brochure provides information to help keep participants safe while volunteering to keep Kansas clean. Topics highlighted in this brochure include the following:

- What can I do?
- Be on the alert
- What to wear
- Things not to do
- Helpful hints
- Weather

The Adopt-a-Highway brochure is available to the public via KDOT's Adopt-a-Highway program webpage here: https://www.ksdot.gov/Assets/wwwksdotorg/PDF_Files/ADOPT_a_HIGHWAY_Brochure.pdf

2023 Annual Report Update

KDOT continues to offer both the 30-second and 10-minute Illicit Discharge Awareness videos in English and Spanish on KDOT's website. Reference the links below for both videos:

- 30-second video: https://www.ksdot.org/bureaus/burMaint/StormWater/default.asp
- 10-minute video: https://www.ksdot.org/bureaus/burMaint/StormWater/MS4PubEd.asp

For the 2023 permit year, KDOT made the Adopt-a-Highway brochure available to the public here: https://www.ksdot.gov/Assets/wwwksdotorg/PDF_Files/ADOPT_a_HIGHWAY_Brochure.pdf

Lbmp TMDL - 07: Inspect 10% of all Known MS4 Outfalls for Dry Weather Discharges

Measurable Goal: Complete inspection either annually or twice per year during dry weather periods.

For this BMP to be relevant in a linear transportation setting, KDOT assumes applicability in the following paragraphs.

KDOT tracks inspections for structures classified as bridges, 10'-20' Series, and structures with openings less than 10-feet. The following software programs are utilized to tracks inspections of MS4 outfalls:

- Bridge Management
- BROMS (Bridge Office Management System)
- MQA (Maintenance Quality Assurance)

The inspections are then recorded in KDOT's Reports Portal.

At the date of this SMP, the following structure descriptions and software programs are as follows:

Bridges

Bridges are classified as structures that have an opening of 20-feet or greater. Inspections are documented through both the BROMS and Bridge Management software. Reference Table 7.3 for bridge inspection frequencies.

Table 7.3 – Bridge Inspection Frequencies

Rating	Rating Description	Inspection Frequency
4-	Poor Condition	Annually
5+	Great Condition	Every 2 years

10'-20' Series

Pipes and culverts greater than or equal to 10-feet but less than 20-feet are classified as 10'-20' Series structures. Inspections are documented through BROMS. Reference Table 7.4 for culvert inspection frequencies.

Table 7.4 – Culvert Inspection Frequencies

Rating	Rating Description	Inspection Frequency
4	Poor Condition	Annually
6	Good Condition	Every 2 years
8	Great Condition	Every 4 years

MQA Program

The purpose of the MQA program is to identify and prioritize maintenance projects and resources. According to the Maintenance Quality Assurance Program Manual (page 28), thirty 0.1-mile sample segments per maintenance subarea are randomly selected using the CANSYS database and rated against a level of service (LOS) criteria. These inspections occur annually in October. Upon completion, KDOT

compares the resulting LOS to the target LOS values. The five maintenance categories include travelway, traffic guidance, shoulders, drainage, and roadside.

Drainage is broken up into the following elements: curb & gutter, ditch, erosion control devices, culverts & pipes (excludes serial numbered structures), edge & underdrains, and inlets. A weighting factor of 14% is applied to drainage when determining the LOS. The statewide/district targeted LOS for drainage is 85.

For ditches to pass inspection, 80% of the ditch length must be free of scour more than six inches, blockage, standing water, and obstructions.

For culverts & pipes to pass inspection, they must meet the following LOS criteria:

- 75% of opening is unobstructed
- Functions as intended (check for erosion, scour, settlement at structure inlets and outlets)

For inlets to pass inspection, they must meet the following LOS criteria:

- 75% of cavity per structure is free of debris & operates as intended
- The inlet grate and access cover are present, where applicable
- The unit is structurally sound

Inspections are documented through the MQA inspection form. The purpose of the form is to record whether each element meets the associated LOS criteria. Upon completion, copies of these forms are sent to District MQA committee members and Area Superintendent. The inspection results are reported into KDOT's Report Portals. Original copies of the form are maintained for one-year.

2023 Annual Report Update

Table 7.5 contains information regarding the total structure inspections that occurred in 2021-2023 against the total structures in each urbanized area. This data was pulled from KDOT's Reports Portal up to December 31, 2023.

Table 7.5 – 2021-2023 Structure Inspections per Urbanized Area

			2021	2022	2023
Urbanized Area	**County**	**Total Structures**	**Total Inspections**	**Total Inspections**	**Total Inspections**
Kansas City	Johnson, Wyandotte	549	226	298	318
Lawrence	Douglas	145	3	124	122
Manhattan	Riley	85	48	34	32
St. Joseph	Doniphan	49	31	5	6
Topeka	Shawnee	225	3	203	186
Wichita	Sedgwick	461	56	350	346

Lbmp TMDL - 09: Implement a Program to Collect and Properly Dispose of Litter on Four Separate Occasions per Calendar Year

Measurable Goal: Four litter collection efforts should, but not required to, occur seasonally.

KDOT offers three programs to address litter and debris along Kansas highways:

Interstate Services

KDOT hires contractors to pick up debris and litter along KDOT roadways in the Kansas City urbanized area.

Adopt-a-Highway

Established in 1989, KDOT's Adopt-a-Highway program encourages citizens to volunteer to pick up litter and trash along state highways. Volunteers are required to pick up litter at least three times for a two-year period. Participants range from families to organizations such as youth groups, businesses, etc. Two-mile segments are the most common, but three-mile and one-mile segments are also an option depending on if it's an urban or rural setting.

Interested groups must complete an application and a release form. Signed by all participants within each group, the release form requires volunteers to agree to remove litter and trash a minimum of three times a year for a two-year period. The release form is then submitted to the nearest KDOT office. Groups who wish to reapply must complete a renewal form.

Additional information regarding the program, including the application form, renewal form, and safety video, can be found here: https://www.ksdot.org/bureaus/burMaint/Adoptahighway.asp.

Sponsor-a-Highway

KDOT's Sponsor-a-Highway program allows business to advertise their company name and logo within view of commuters. In return, the money raised from sponsorships funds litter removal on state highways. It ultimately results in cleaner and improved highways. Benefits of participating in this program include recognition as environmental supporters who support community responsibility.

Additional information regarding the program can be found here: https://www.ksdot.org/bureaus/burMaint/sponsorahighway.asp.

2023 Annual Report Update

In June 2021, KDOT contracted Interstate Business Solutions (IBS) to remove litter and debris from KC metro roadways. The original contract was expanded to include mileage on K10 (4.5 miles), I-70 (2.7 miles), and I-635 (1.3 miles). The contract includes two pickups per month for a total of 68.5 miles at a cost of $933,708 per year. IBS does contractual trash collection during complete rounds every two weeks and from January – November 2023, an estimated 14,800 pounds were collected (estimated 180,000 bags).

More information regarding this service can be found here: Litter Removal and Sweeping Services Clean up KC Metro Roadways. The contract with IBS is active through June 2026.

Table 7.6 summarizes litter program activity for the permit period.

Table 7.6 - 2023 Summary of Litter Program Activity

Urbanized Area	Adopt-A-Highway Number of Groups	Sponsor-A-Highway Number of Groups	IBS Litter Removal	Honor Camp – Prison Work Group*
Kansas City	11 groups with 15 pickup events	19	68.5 miles (clean both directions, 2x/mo)	NA
St. Joseph	2	0	NA	NA
Lawrence	5	1	NA	NA
Topeka	7	1	NA	1 crew (5 days/wk)
Manhattan	4 groups with 10 pickup events	0	NA	NA
Wichita	7	4	NA	3 crews (4 days/wk)

**KDOT provides the van, trailer, safety equipment, and reimburses the guard's salary for each crew.*

Kansas Department of Transportation

Stormwater Management Plan

Minimum Control Measure:
Total Maximum Daily Load (TMDL) Regulated Pollutants

Permit Year:
2023

BMP	Summary	Measurable Goal	KDOT Availability		Reference	Claimed	
			Applicable	Points		2023	Points
Lbmp T M D L - 06	Distribute "Only Rain Down the Drain" door hangers or similar document	Provide in portions of the permit area with suspected illicit discharges.	Yes	2	Illicit Discharge Awareness Video 30-second (English/Spanish) Illicit Discharge Awareness Video 10-minute (English/Spanish)	☑	2
Lbmp T M D L - 07	Inspect 10% of all known MS4 outfalls for dry weather discharges either annually or 2x per year.	Complete inspection either annually or twice per year during dry weather periods. If dry weather discharge is found, follow-up with investigation to determine if a portion of all the discharge is illicit. Document findings; initiate efforts to eliminate any identified illicit discharges.	Yes	3	Reports Portal: -Bridges -10'-20' Series Culverts -Culverts -Stormwater Infrastructure MQA Software: -0.1-mile segments -Drainage: 14% WF -Ditch, culverts/pipes, inlets, etc. Stormwater Management Map -ArcGIS Online -Includes bridges, 10'-20' series culverts, culverts less than 10', storm sewers, etc. per urbanized areas	☑	3
Lbmp T M D L - 09	Implement a program to collect and properly dispose of litter, on four separate occasions per calendar year, within areas where littering has been identified as a problem. Such areas may include municipal parks, trails, rest areas, or other public lands owned by the permittee.	The four litter collection efforts should, but are not required to, occur seasonally, i.e., winter, spring, summer, and fall.	Yes	2	Interstate Services -District specific -Hire organizations to clean up litter along KDOT highways Adopt-a-Highway -Yearly announcement encouraging people to sign up -Litter cleanup Sponsor-a-Highway -Businesses pay a monthly fee to advertise on highway -Fee covers picking up trash	☑	2

2023 - Total Maximum Daily Load (TMDL) Regulated Pollutants	
Available Points	7
Requirement	6
Claimed Points	7
Meets Requirements	Yes

Adopt-A-Highway

Stipends now available to organizations participating in clean-up program

Kansas Department of Transportation

Organizations have been helping keep Kansas clean for more than 30 years through participation in the Adopt-A-Highway program. With limited staff and increased amounts of trash along the highways, the Kansas Department of Transportation has created an incentive stipend for groups that actively participate in the program.

The stipend is $190 per highway section, which is generally two miles long. Adopt-A-Highway groups receiving $600 or more in payments in a calendar year will be issued a 1099 tax form. Groups will be able to submit a request for payment after their highway cleanup is completed. The group will submit forms identifying the location, date, number of volunteers and number of bags as well as before and after photos of the site.

All groups go through the standard process to adopt a section of highway. New groups will sign an agreement, receive safety training information and follow procedures when scheduling a cleanup. Existing groups will continue to follow current procedures. State employees and their families are welcome to participate in a group, but are not eligible to receive stipends.

Contact information on back

Adopt-A-Highway

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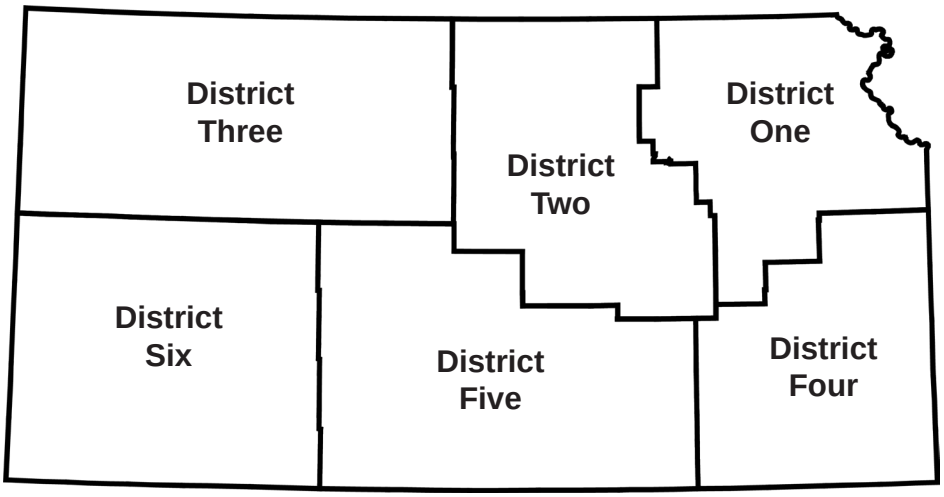
Thank you for helping to keep Kansas clean



For information or to sign up, contact the Adopt-A-Highway coordinator at a KDOT office –

District One (northeast Kansas) - 121 S.W. 21st Street, Topeka, (785) 296-3881

District Two (north central Kansas) - 1006 N. Third, Salina, (785) 823-3754

District Three (northwest Kansas) - 312 S. Second, Norton, (785) 601-6001

District Four (southeast Kansas) - 411 W. Fourteenth, Chanute, (620) 902-6400

District Five (south central Kansas) - 500 N. Hendricks, Hutchinson, (620) 860-7400

District Six (southwest Kansas) - 121 N. Campus Drive, Garden City, (620) 765-7074

This information can be made available in alternative accessible formats upon request. For information about obtaining an alternative format, contact the KDOT Division of Communications, 700 SW Harrison St., 2nd Fl West, Topeka, KS 66603-3745 or phone 785-296-3585 (Voice)/Hearing Impaired

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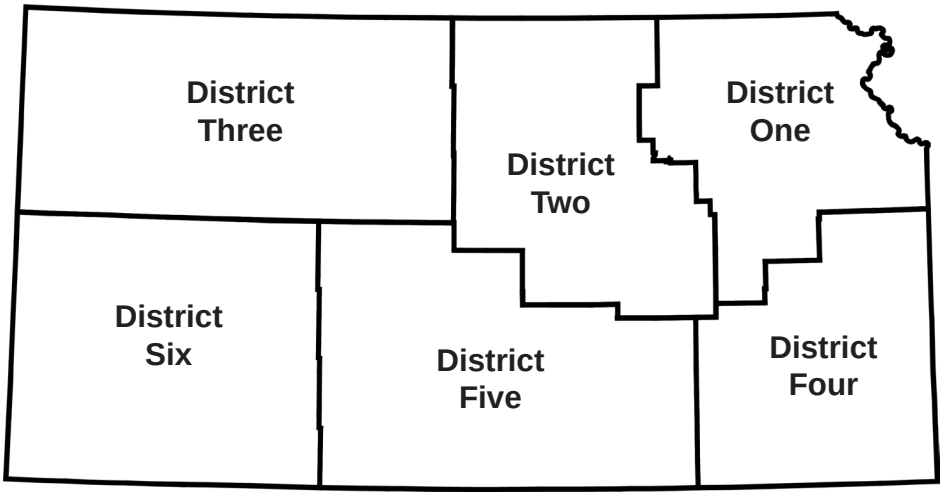

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