

Maryland Department of Transportation
State Highway Administration



Work Zone Traffic Control Inspection Ratings Report 2025

State Maintained Highway System – IS, US, MD



Prepared by

**Traffic Development and Support Division
Office of Traffic and Safety**

Table of Contents

Summary	3
Inspection Ratings	3
Concerns	3
Work Zone Traffic Control Inspection Rating Results	4
Average District WZTC Setup Inspection Ratings for All Types of Work	4
District 1 WZTC Ratings	5
District 2 WZTC Ratings.....	6
District 3 WZTC Ratings	7
District 4 WZTC Ratings	8
District 5 WZTC Ratings	9
District 6 WZTC Ratings	10
District 7 WZTC Ratings	11

SUMMARY

This report is intended to evaluate the performance of the Maryland State Highway Administration (SHA) and track our progress toward safer work zones. Our aim is to have continuous improvement in this important area.

Inspection Ratings

This report summarizes the work zone traffic control inspection ratings for all Districts. The Maryland State Highway Administration (SHA) conducted approximately **6,860** work zone traffic control inspections in 2025. The inspections show that the average overall rating for all the Districts is **“B”**.

Concerns

The following is a summary of the main concerns related to temporary traffic control (TTC) setups based on the review of inspection reports and discussions with TTC inspectors' group.

Signs

- SHA Typical or Traffic Control Plan (TCP) not followed for sign installation
- Signs with poor reflectivity used
- Wrong sign type
- Improper sign legend (dirty, damaged)
- Incorrect message
- Inappropriate/contradictory signs not covered/removed
- Improper sign support
- Omitted Signs

Arrow Panels

- Missing arrow panel when required
- Missing bulbs

Portable Variable Message Signs

- Incorrect, non-relevant messages displayed

Channelizing devices elements (LCDs)

- Incorrect spacing between devices
- Damaged, dirty, or non-reflective devices
- Missing or poor reflectivity

General

- No Lane Closure Permit
- No Traffic Manager on site and/or Traffic Manager not available on site within the 30-minute requirement.
- No flaggers and/or use of non-certified flaggers
- Incorrect flagging operations
- Incorrect taper
- No Protection Vehicle or unsafe Protection Vehicle usage
- Non-approved/missing Temporary Portable Rumble Strips
- Mowers without warning lights and/or traveling against traffic
- Temporary Traffic Control Plans not followed

“8 People lost their lives in work zone crashes in Maryland in 2025.”

WORK ZONE TRAFFIC CONTROL (WZTC) INSPECTION RATING RESULTS

“SHA conducted approximately 6,860 work zone traffic control inspections in 2025.”

In 2025, the Maryland State Highway Administration (SHA) conducted approximately **6,860** work zone traffic control inspections. Typically, SHA District inspectors performed these inspections. In some cases, traffic engineers in the Districts and/or the Office of Traffic & Safety were also involved in these inspections. The inspections were performed for different types of work zones, including Asset Management Division (AMD), bridges, construction, etc.

The inspectors grade the work zones based on safety and compliance with temporary traffic control standards. The rating system is implemented as follows:

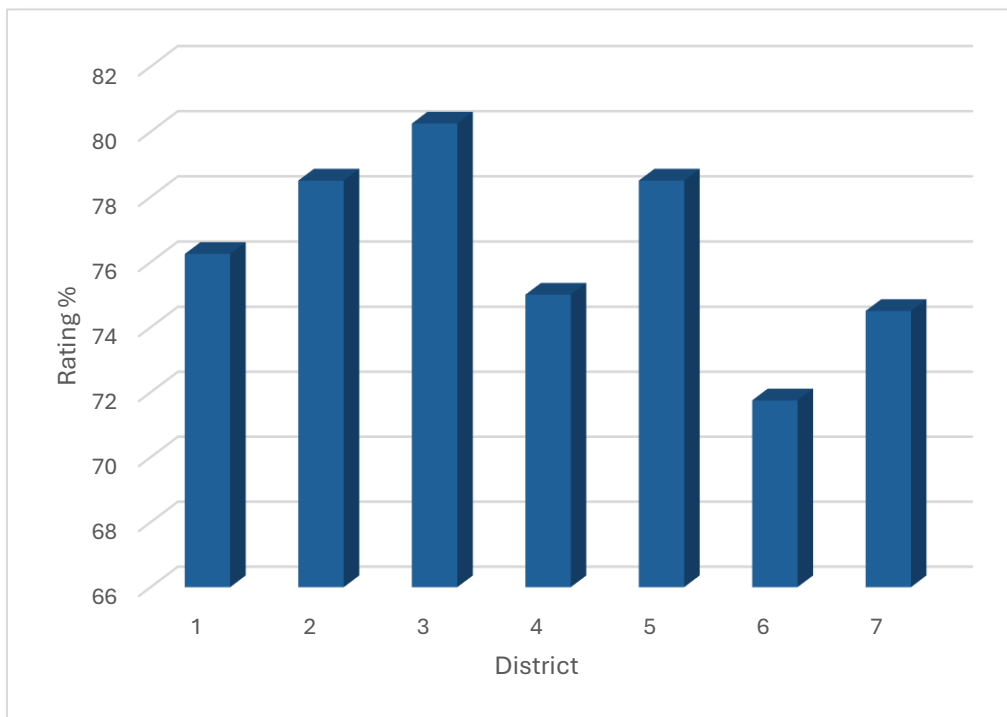
Definition	Score	Percentage	Rating
Exceeds State of MD Standards	3.5 – 4	87.50 - 100	A
Meets State of MD Standards	2.5 – 3.49	62.50 – 87.25	B
Below State of MD Standards	2.0 – 2.49	50.00 – 62.25	C
Fatal Flaw	0 – 1.99	0 – 49.75	F

The following is a listing of projects/jobs, the total number of inspections that were recorded for each, and the corresponding average rating for the period between January 1 and December 31, 2025. The goal was to achieve an overall minimum grade of “B” in each District. The inspections have revealed that the overall ratings in the Districts range from “**2.87** to **3.21**”. The average overall rating for all the Districts is “**B**” (similar to 2024 rating results).

“The average overall rating for all the Districts is ‘B’.”

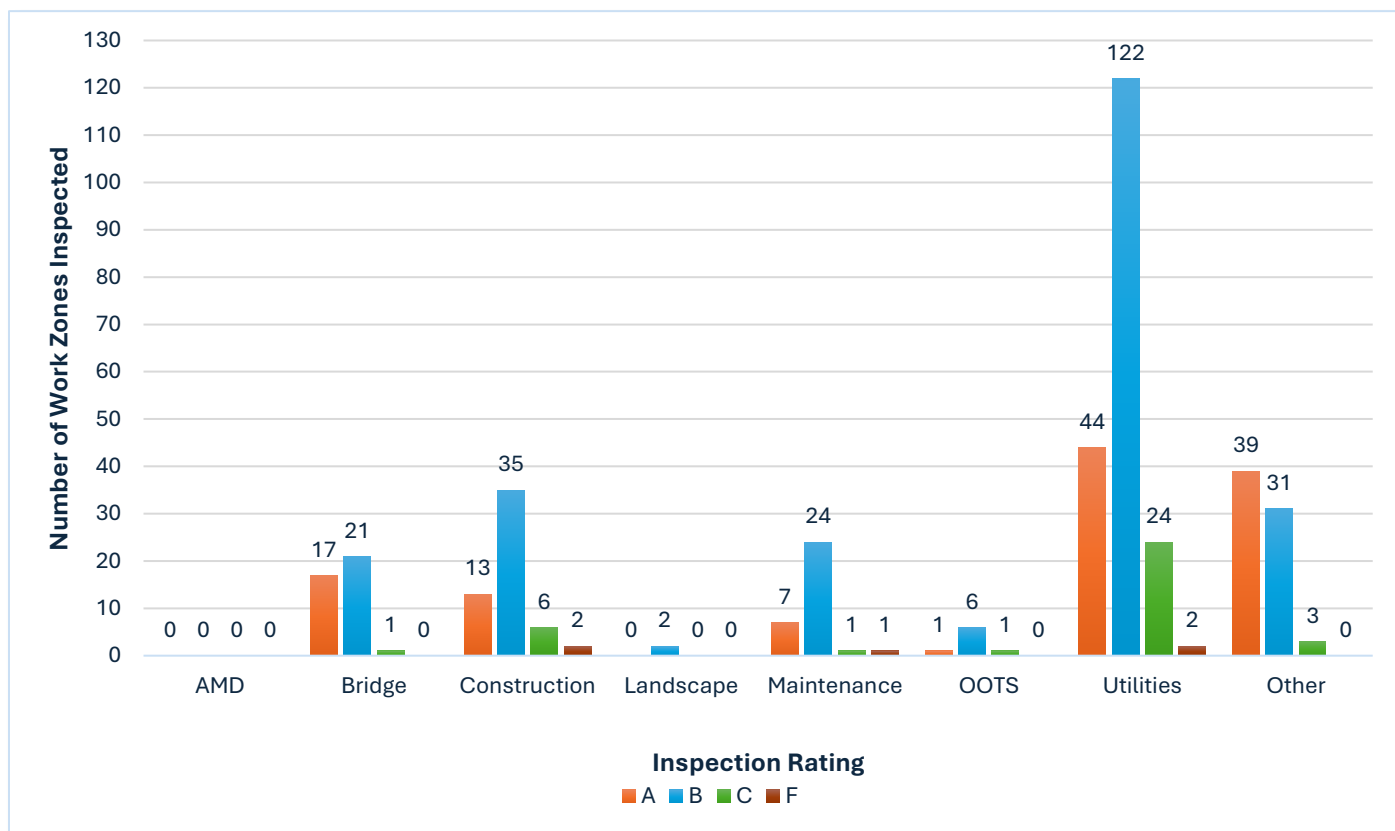
Project Type	Total number of Inspections	Average Score	Average Rating
AMD	35	2.91	B
Bridge	767	3.16	B
Construction	2,527	3.11	B
Landscape	42	2.93	B
Maintenance	976	3.08	B
OOTS	93	2.99	B
Utilities	2,089	3.01	B
Other	331	3.1	B
Total	6,860	3.08	B

AVERAGE DISTRICT WZTC SETUP INSPECTION RATINGS FOR ALL TYPES OF WORK



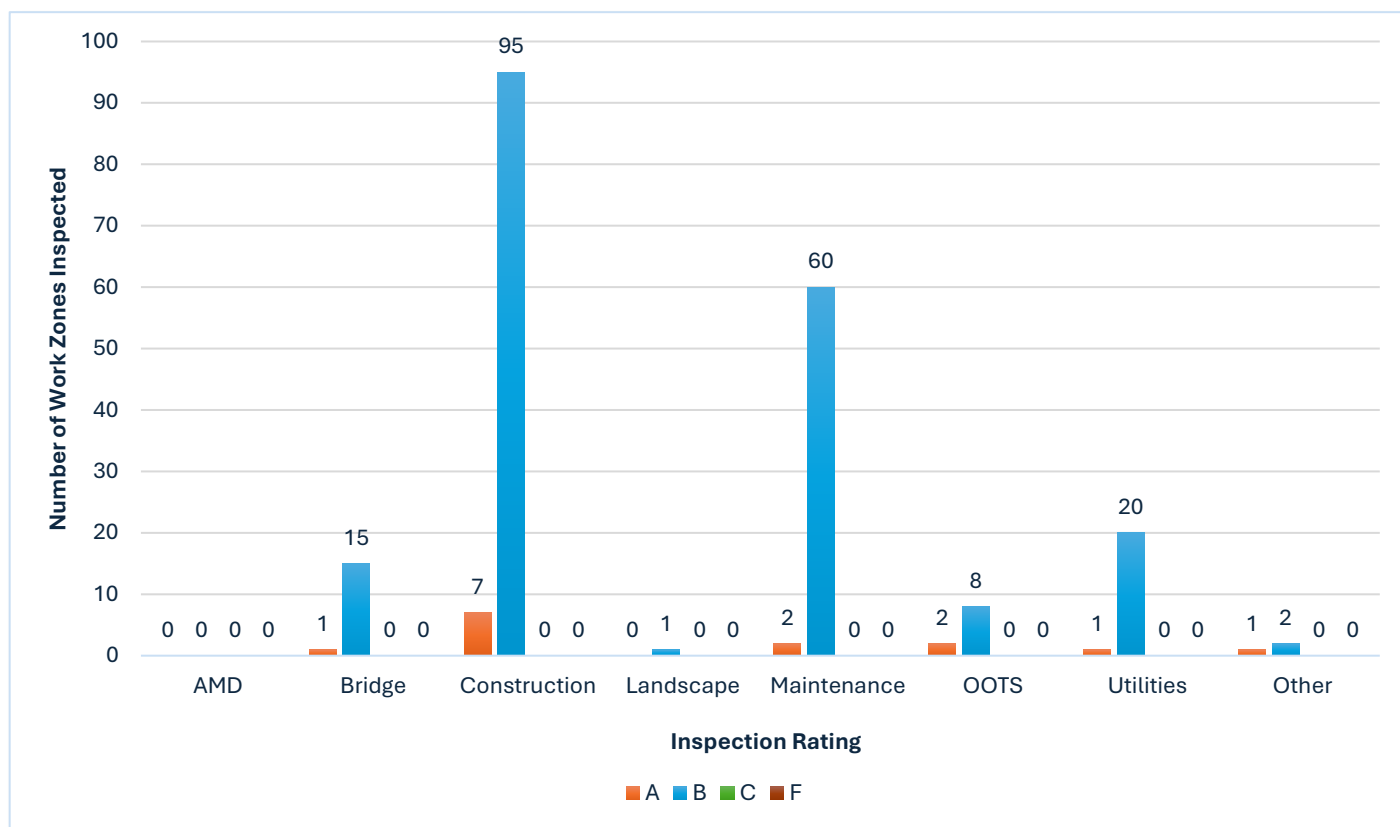
DISTRICT	RATING %	GRADE
DISTRICT 1	76.25	B
DISTRICT 2	78.5	B
DISTRICT 3	80.25	B
DISTRICT 4	75	B
DISTRICT 5	78.5	B
DISTRICT 6	71.75	B
DISTRICT 7	74.5	B

WZTC Ratings Summary (District - 1) January - December 2025



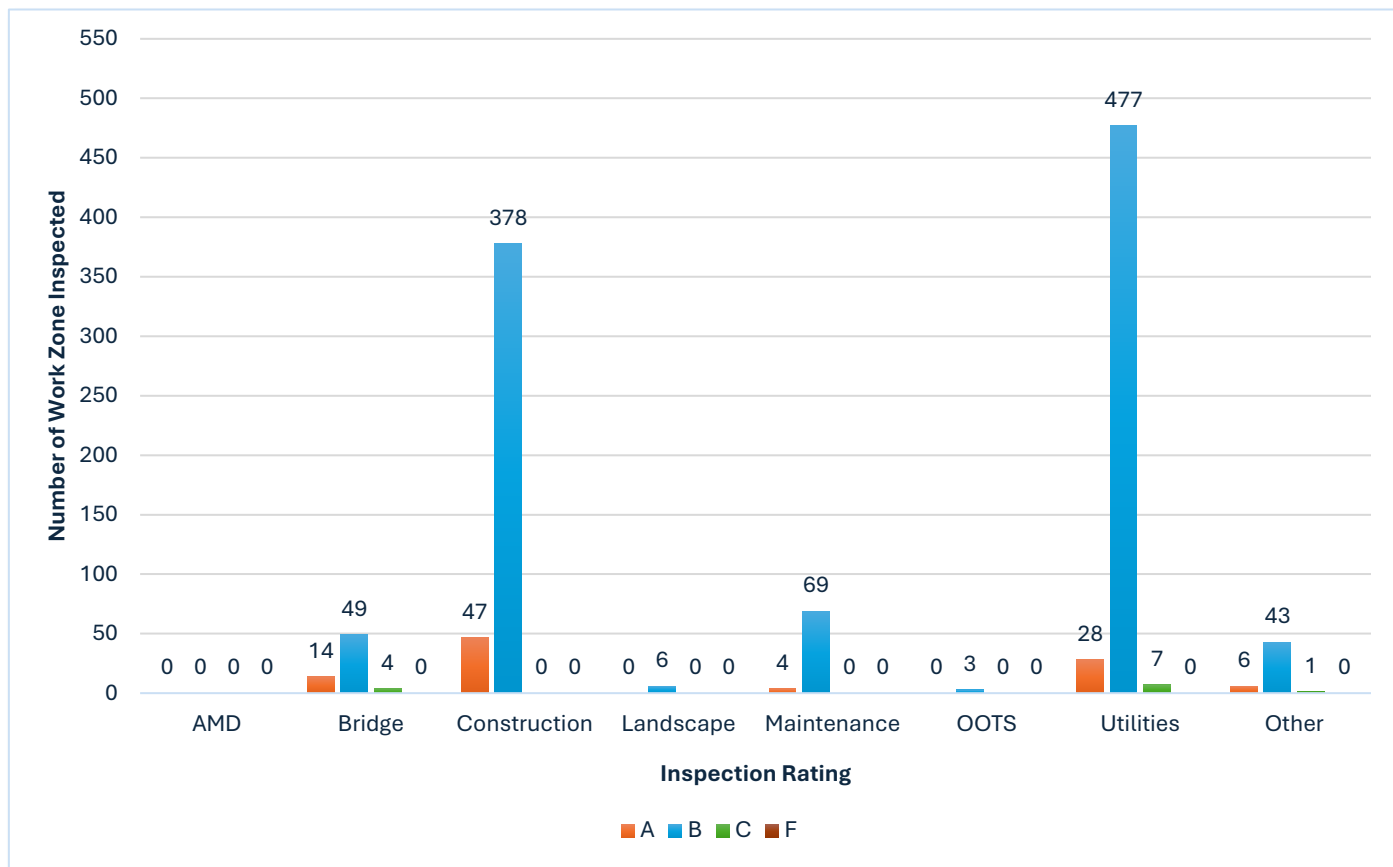
Rating	Work Zone Type								Grade Total
	AMD	Bridges	Construction	Landscape	Maintenance	OOTS	Utilities	Other	
A	0	17	13	0	7	1	44	39	121
B	0	21	35	2	24	6	122	31	241
C	0	1	6	0	1	1	24	3	36
F	0	0	2	0	1	0	2	0	5
Totals									
Total Inspections	0	39	56	2	33	8	192	73	403
Total Points	0	129.9	162.08	5.5	99.47	23.67	564.75	243.82	1229.19
Avg Score	0	3.33	2.89	2.75	3.01	2.96	2.94	3.34	3.05

WZTC Ratings Summary (District - 2) January - December 2025



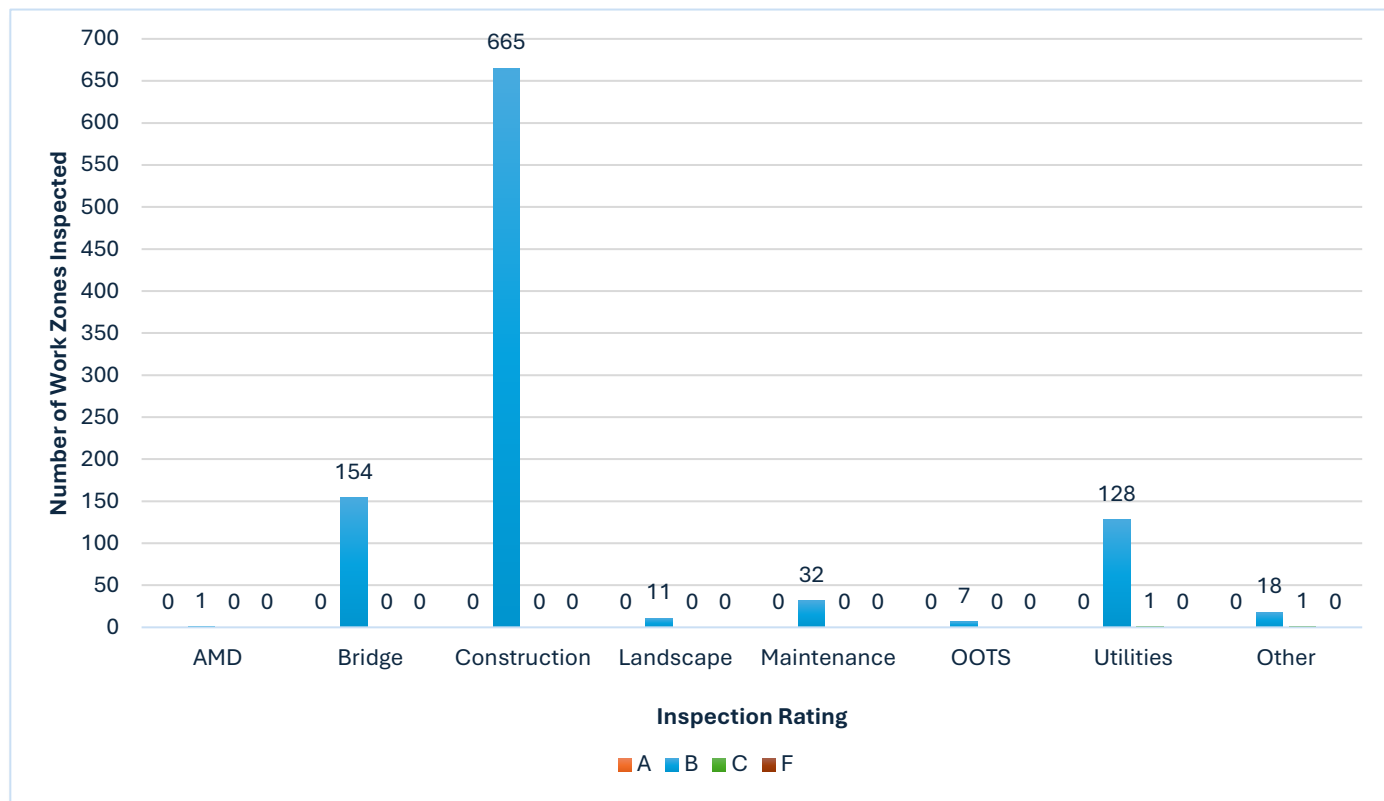
Rating	Work Zone Type								Grade Total
	AMD	Bridges	Construction	Landscape	Maintenance	OOTS	Utilities	Other	
A	0	1	7	0	2	2	1	1	14
B	0	15	95	1	60	8	20	2	201
C	0	0	0	0	0	0	0	0	0
F	0	0	0	0	0	0	0	0	0
Totals									
Total Inspections	0	16	102	1	62	10	21	3	215
Total Points	0	51.51	320.96	3.17	194.12	31.58	63.83	9.67	674.84
Avg Score	0	3.22	3.15	3.17	3.13	3.16	3.04	3.22	3.14

WZTC Ratings Summary (District - 3) January - December 2025



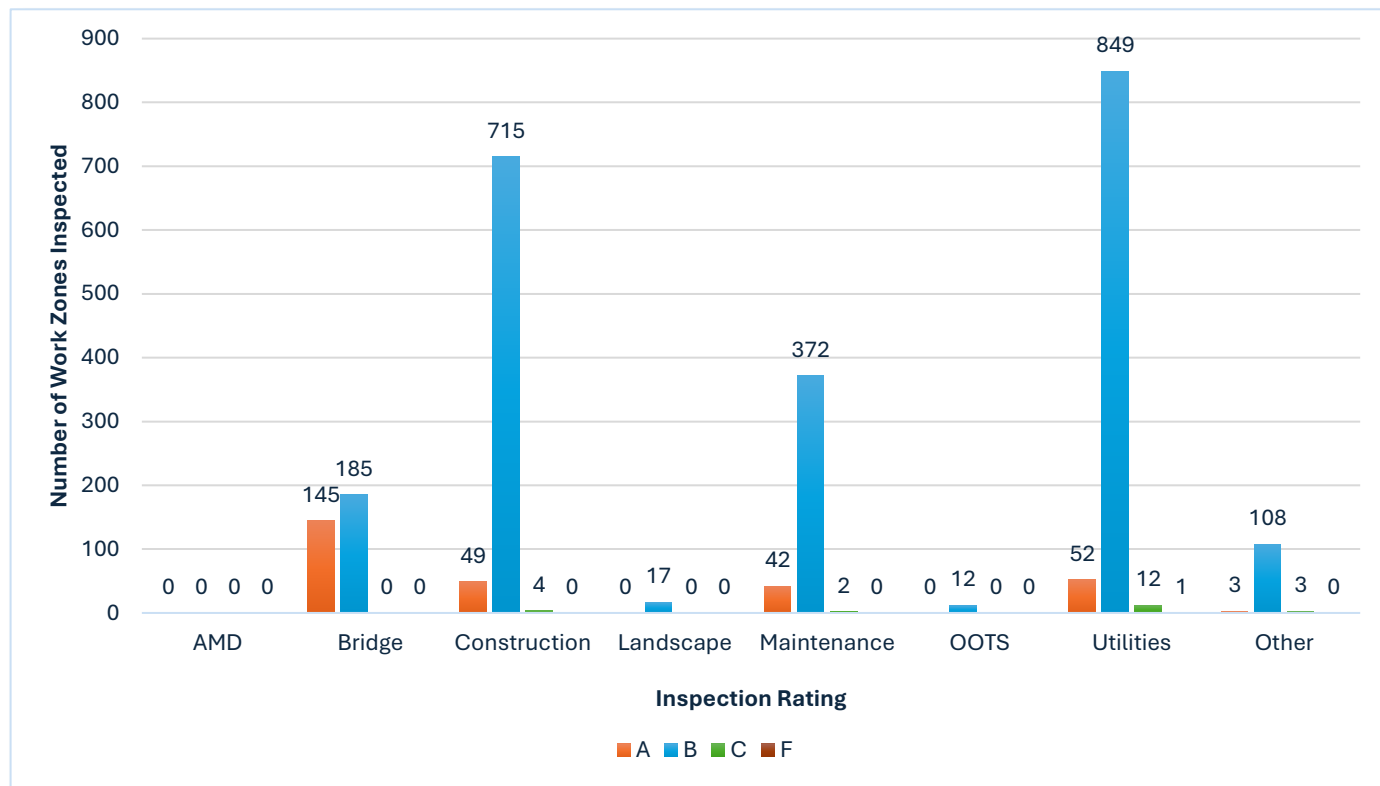
Rating	Work Zone Type								Grade Total
	AMD	Bridges	Construction	Landscape	Maintenance	OOTS	Utilities	Other	
A	0	14	47	0	4	0	28	6	99
B	0	49	378	6	69	3	477	43	1,025
C	0	4	0	0	0	0	7	1	12
F	0	0	0	0	0	0	0	0	0
Totals									
Total Inspections	0	67	425	6	73	3	512	50	1136
Total Points	0	219.41	1,382.58	18.4	237.6	9.4	1,612.7	161.62	3,641.71
Avg Score	0	3.27	3.25	3.07	3.25	3.13	3.15	3.23	3.21

WZTC Ratings Summary (District - 4) January - December 2025



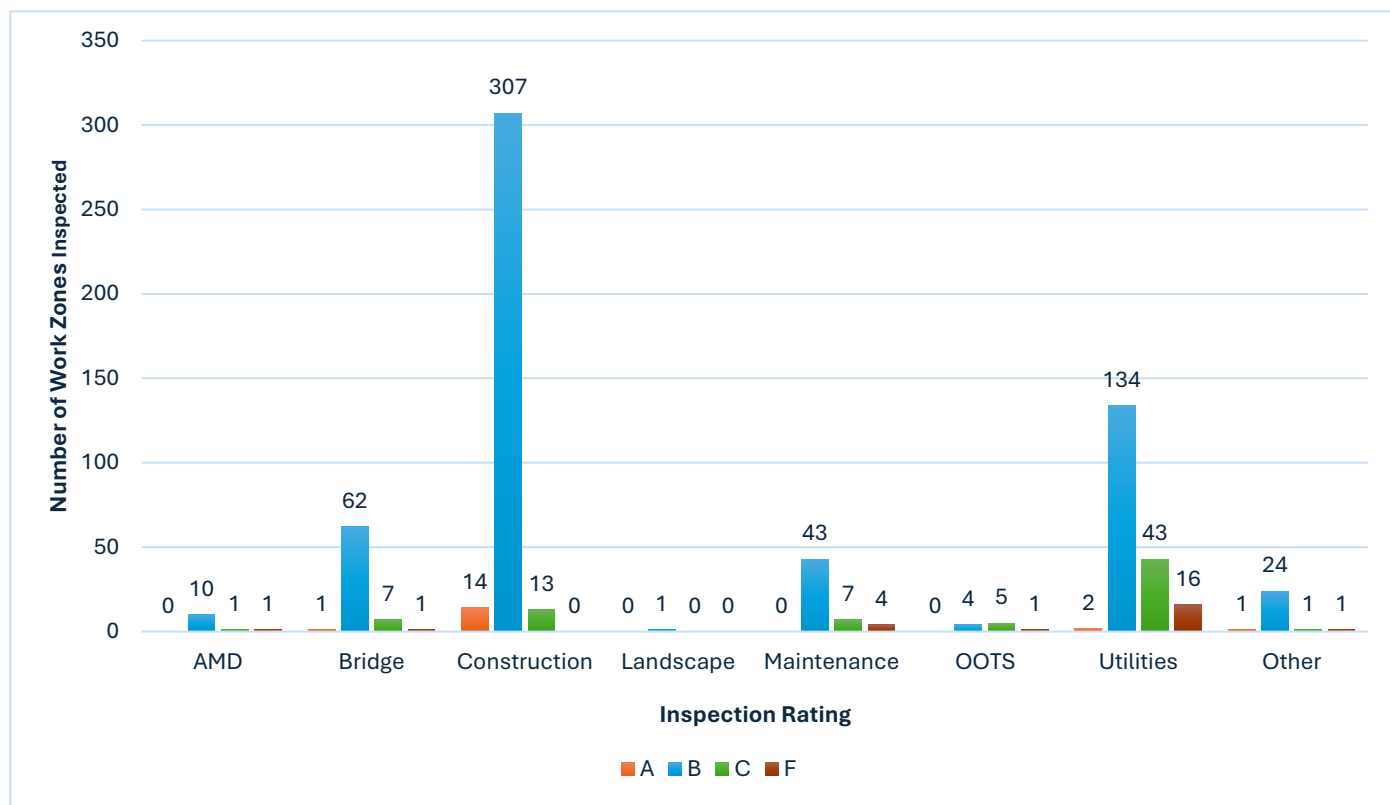
Rating	Work Zone Type								Grade Total
	AMD	Bridges	Construction	Landscape	Maintenance	OOTS	Utilities	Other	
A	0	0	0	0	0	0	0	0	0
B	1	154	665	11	32	7	128	18	1,016
C	0	0	0	0	0	0	1	1	2
F	0	0	0	0	0	0	0	0	0
Totals									
Total Inspections	1	154	665	11	32	7	129	19	1,018
Total Points	3	462	1,995	33	96	21	386	56	3,052
Avg Score	3	3	3	3	3	3	2.99	2.95	3

WZTC Ratings Summary (District - 5) January - December 2025



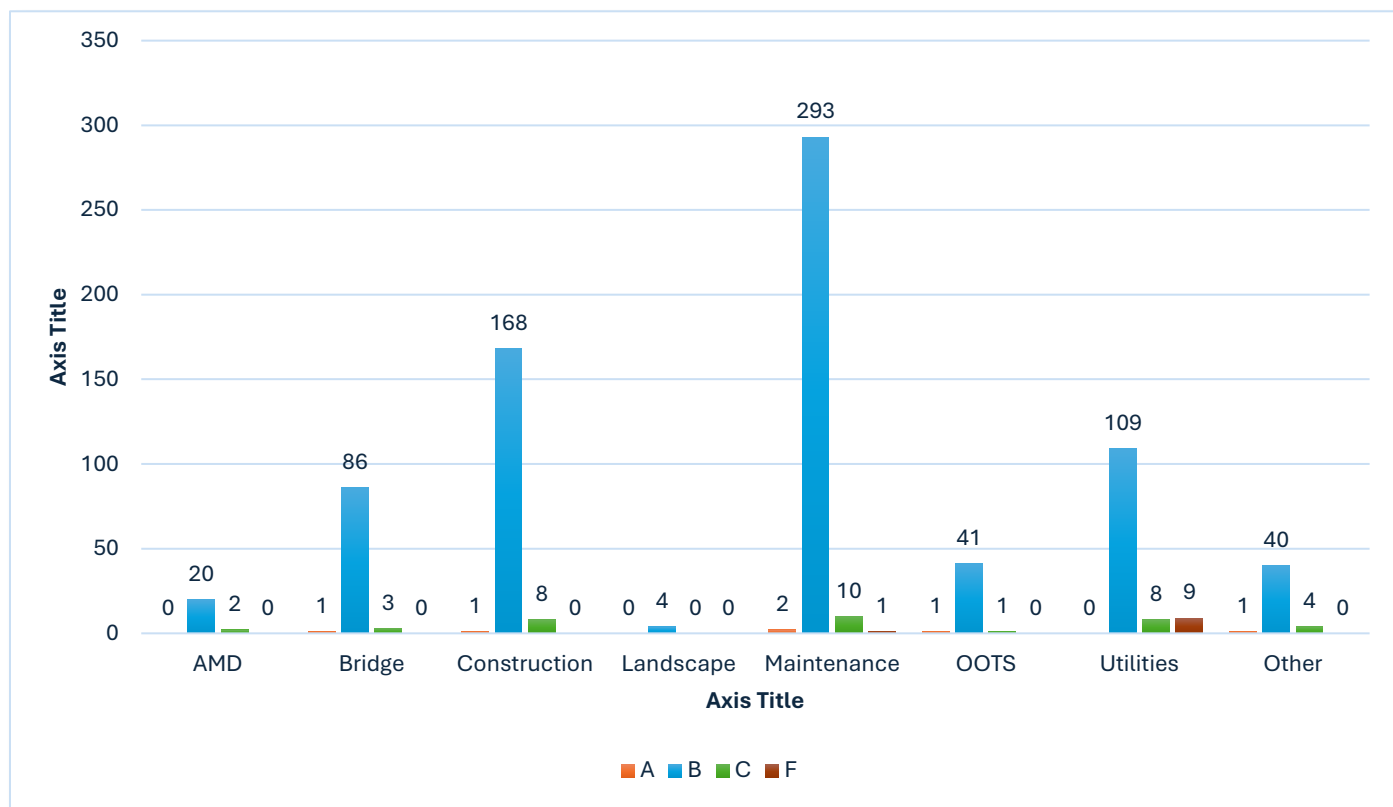
Rating	Work Zone Type								Grade Total
	AMD	Bridges	Construction	Landscape	Maintenance	OOTS	Utilities	Other	
A	0	145	49	0	42	0	52	3	291
B	0	185	715	17	372	12	849	108	2,258
C	0	0	4	0	2	0	12	3	21
F	0	0	0	0	0	0	1	0	1
Totals									
Total Inspections	0	330	768	17	416	12	914	114	2,571
Total Points	0	1,081.34	2,426.54	49.1	1,304.56	37.99	2,816.43	347.42	8,063.38
Avg Score	0	3.28	3.16	2.89	3.14	3.17	3.08	3.05	3.14

WZTC Ratings Summary (District - 6) January - December 2025



Rating	Work Zone Type								Grade Total
	AMD	Bridges	Construction	Landscape	Maintenance	OOTS	Utilities	Other	
A	0	1	14	0	0	0	2	1	18
B	10	62	307	1	43	4	134	24	585
C	1	7	13	0	7	5	43	1	77
F	1	1	0	0	4	1	16	1	24
Totals									
Total Inspections	12	71	334	1	54	10	195	27	704
Total Points	33.17	207.07	1,023	3.25	147.75	24.13	506.94	76.64	2,021.95
Avg Score	2.76	2.92	3.06	3.25	2.74	2.41	2.6	2.84	2.87

WZTC Ratings Summary (District - 7) January - December 2025



Rating	Work Zone Type								Grade Total
	AMD	Bridges	Construction	Landscape	Maintenance	OOTS	Utilities	Other	
A	0	1	1	0	2	1	0	1	6
B	20	86	168	4	293	41	109	40	761
C	2	3	8	0	10	1	8	4	36
F	0	0	0	0	1	0	9	0	10
Totals									
Total Inspections	22	90	177	4	306	43	126	45	813
Total Points	65.78	275.67	536.76	10.5	928.78	130.63	344.17	132.5	2,424.79
Avg Score	2.99	3.06	3.03	2.63	3.04	3.04	2.73	2.94	2.98