



Engineering Monthly Report

Month ending: September 2025

Publish Date: 10/10/2025

When a Professional Engineer (PE) takes the oath, one of the core principles we commit to is the welfare of the public. We pledge: "I dedicate my professional knowledge to the advancement and betterment of the public health, safety, and welfare." This isn't just a statement-it's a guiding philosophy.

As a PE, I thrive on challenges. And one of the most meaningful challenges is translating public concerns into a practical solution. The citizens of Rapid City are one of our most valuable resources. They are the pulse of this city – their needs, concerns, and aspirations shape the work we do every day. It may be a challenge to apply the concern brought to Public Works, considering the various factors such as cost, public welfare, future applications, and maintenance of that concern.

Every upgrade, every project, or decision must be rooted in thoughtful consideration. Because behind every blueprint is a community. And behind every calculation is a commitment to serve.

"Do what is right, do what is fair."

**Roger L. Hall, PE
City Engineer**

BY THE NUMBERS DAILY ADMIN SUPPORT ITEMS					
	Monthly Total	YTD		Monthly Total	YTD
Customer Service Requests	5	103	Online Reports Received	33	534
Public Service Announcements	8	91			

Please contact Engineering Services with any questions - (605) 394-4154

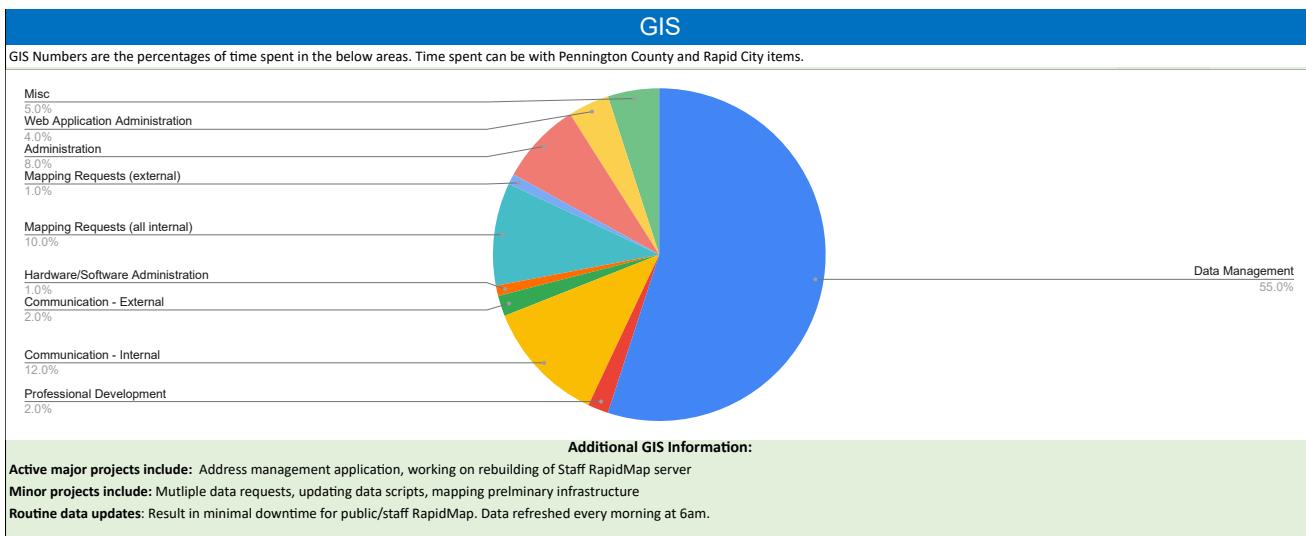
TRAFFIC TRAFFIC NUMBERS					
	Monthly Total	YTD		Monthly Total	YTD
Callouts:	13	121	Signs Hit:	3	44
Accidents Record	84	1,007	Signs Replaced:	35	1060
Signals Hit:	1	18	Traffic Counts Completed:	52	192
Street Lights Hit:	2	28	Message Trailers Out:	23	69
Conduit Mapped	20,082	751,067*	Signals Online **	67	Total Signals: 124
Locates:	345	3,169	Street Light Outages:	City: 82 / 488	Power Co.: 10 / 82

*** Total Project Conduit Mapped**
**** Traffic Signals Connected with Fiber/Cellular**

Highlights from above #s: (This can be something of concern or a good job) (Details below)

- City staff installed new vehicle detection systems at two intersections, due to failed legacy equipment.
- City staff conducted project walk through and assisted with the traffic signal activations on Sheridan Lake Road
- City staff have installed 241 crosswalks throughout the city. (210 painted and 31 thermoplastic)
- 11 signs made for other departments during August (not including 34 signs for street light labeling). Year to date is 159 signs for other City Departments.
- 40 of 72 accidents impacting traffic infrastructure did not carry insurance**

MS4					
Flood Plains Development Permits					
Permits Approved:	5	Permits Denied:	0	Total Number of Permits Year to Date:	29
Processed 17 Flood Plain Permits with Parks and Recreation Department since January 2025.					
Ms4 Projects: A new Stormwater Website, updates to the Stormwater Management Plan, and Public Outreach Projects are currently ongoing.					



CONSTRUCTION GROUP
CIP PROJECTS

Project #	Project Name	Ward	Contractor	Design Engineer(s)	Inspector	Scheduled Completion Date	Current Contract Value	Estimated Completion Status (%)
2590	Enchantment PRV Piping Rehabilitation	1	Onsite Ex	AVID4	Willie Haas	9/15/2025	\$45,177	100%
2838	2025 Chip Seal	Several	Dakota Asphalt	Daniel Finch	Jacob Husman	9/1/2025	\$359,649	100%
2862	Long Acre Drive Chip Seal	2	Dakota Asphalt	Sara Odden	Jacob Husman	9/1/2025	\$37,525	100%
2682	Shepherd Hills Water Booster Pump Station	2	RCS	Barlett & West	Morgan Falcone	8/15/2025	\$5,095,000	99%
2817	West Boulevard Inlay	5	Western	Jacob Lauer	Michael Ogden	10/31/2025	\$542,359	99%
2571	Southeast Area Trunk Sewer Reconstruction - Elm Avenue to St Francis Street	2	RCS	Longbranch	Willie Haas	10/31/2025	\$9,970,055	93%
2752	Waterloo Street Reconstruction - Racine Street to East Adams Street	4	Lidel	AVID4	Sean Bieri	11/25/2025	\$2,919,729	92%
2694	143rd Avenue and Country Road Trunk Sewer Extension	4	Mainline	AVID4	Todd Knoll	5/30/2025	\$9,086,011	92%
2753.2	2024 Miscellaneous Improvements Project, Bid PKG #2, General Civil	Several	Western	FMG Engineering	WH/NG	11/30/2025	\$4,177,584	92%
2737	Sheridan Lake Road Reconstruction - Corral Drive to Catron Boulevard	3	REEDe	AVID4	CA Managed	10/3/2025	\$15,519,230	91%
2389	Brookdale Mobile Home Meter Project	1	Onsite Ex	FMG Engineering	Mike Wilkening	--	--	90%
2732	Deadwood Avenue Reconstruction Phase 2	5	Western	FMG Engineering	CA Managed	10/17/2025	--	75%
2808	Canyon Lake Area Reconstruction-7th Ave, Cottonwood St, & Minnekahta Dr	3	Simon	AVID4	Eric Mack	11/21/2025	\$3,863,169	73%
2792	Nuisance Sidewalk - Sidewalk Repair Project	All	S&S	Nicole/Melissa	Shane Hammill	12/31/2025	\$100,000	44%
2609	Wonderland Drive Reconstruction	3	RCS	FMG Engineering	CA Managed	5/28/2027	\$7,214,455	15%
2780	Souix Ave, St. Charles, Riley Street and Utilities Reconstruction	2	Lidel	AVID4	Sean Bieri	10/31/2026	\$5,436,477	12%
2864	N. Maple Avenue Emergency Repair	4	Mainline	Sara Odden	Todd Knoll	9/15/2025	\$226,345	0%
2804	Creek Drive Pavement Rehabilitation	2	J&J Asphalt	Sara Odden	Jacob Husman	9/23/2025	\$419,372	0%
2853	Minnesota Street Panel Repair - 5th to Elm	2	Interstate Improvements	Jacob Lauer	Nick Goldsberry	9/25/2025	\$613,309	0%
2821	Sanitary Sewer Pipe and Manhole Repair	4	HK Solutions Group	HDR	Jacob Husman	9/22/2025	\$345,962	0%
Total Active Project Count :				21			TOTAL	\$65,971,409

PENDING TO START CONSTRUCTION

Project #	Project Name	Ward	Contractor	Design Engineer(s)	Inspector	Scheduled Completion Date	Current Contract Value
N/A	Sanitary Sewer Force Main Ice Pigging Contract	All		Michelle Lashley	TBD	TBD	\$43,036.00
2852	Jet Drive & Turbine Drive Pavement Rehabilitation	2	Dakota Asphalt	Sara Odden	JH	11/14/2025	\$608,963.00
2868	Concrete Panel Repair - 5th and Columbus Street Intersection	2	Truform	Jacob Lauer	TBD	12/31/2025	\$47,498.00
2809	Mall Drive and Haines Avenue Traffic Signal Upgrade	4	Truform	Jeffrey Crocker	TK	1/16/2026	\$350,026.50
2816	2025 ADA Improvements Project	Several	Dakota Asphalt	Jacob Lauer	TBD	8/14/2026	\$309,664.25

BUILDING PERMITS

See Community Services RAP SHEET (Requiring Engineering Inspections)

Project #	Project Name	Ward	Contractor	Inspector	Design Engineer(s)
BP24-1542	Camden Heights	4	Quinn	Nick Goldsberry	FMG
BP24-2210	5th Street Apartment Ph1	2	Heavy Constructors	Nick Goldsberry	UDA
BP24-2211	5th Street Apartments Ph2	2	Heavy Constructors	Nick Goldsberry	UDA
BP24-2368	Milton Plaza	2	SWS	Todd Knoll	Indigo Designs
BP24-0667	Exceptional Health Care	2	BTD Enterprise	Willie Haas	Development Engineering Consultants
BP25-0198	Shepherd Commons Phase II	2	605 Excavating	Michael Hatheway	Advanced Design
BP25-0655	Monument - East Mall Drive	2	Site Works	Todd Knoll	Avid4 Engineering
BP25-1002	East Anamosa Office	4	Dream	Michael Hatheway	Advanced Design
BP25-1218	Shepherd Creek Mobile Home Park	4	Black River Contracting	Michael Hatheway	Advanced Design
UT 24-05	Black Hills Industrial Sanitary Sewer Extension	1	Dream	Nick Goldsberry	Advanced Design
IN24-06	Westhills Village	1	Site Works	Michael Ogden	FMG Engineering
Total Project Count :				16	

CONSTRUCTION GROUP (Continued)

DEVELOPMENTS (DEV)

DEV#	DEV Name	Ward	Contractor	Developer's Engineer	Engineer's Estimated Cost	Inpsector	Estimated % Completed
DEV1471	Dyess Subdivision	2	Xpro	Indigo	\$352,331.84	Todd Knoll	100%
DEV1623	SDEDA Water Main	Outside of City Limits	Mainline	Dream	--	Todd Knoll	99%
DEV1628	Shepherd Hills Ph 4 South	2	Dream	Advanced Design	\$390,193.00	Jacob Husman	90%
DEV1620	Women's Prison	2	SWS	FMG Engineering	--	Jacob Husman	90%
DEV1618	Shepherd Hills Ph 6A	2	Dream	Advanced Design	\$1,815,487.00	Jacob Husman	90%
DEV1613	Shepherd Hills Phase 4A	2	Dream	Advanced Design	\$551,168.00	Jacob Husman	90%
DEV1611	Elks Crossing Phase 7A/7B	1	Zandstra	Longbranch	\$1,977,259.00	Jacob Husman	90%
DEV1579	Highpoint Ranch North Ph 1A, 1B	3	SWS	Advanced Design	\$3,045,652.50	Sean Bieri	90%
DEV1572	Red Rock Shadows	3	Paradigm/LEi	Advanced Design	\$535,473.50	Sean Bieri	90%
DEV1634	Shepherd Hills Phase 4B	2	Dream	Advanced Design	\$2,423,155.80	Jacob Husman	90%
DEV1633	BHIC Capacitor Boulevard	1	Dream	Advanced Design	\$3,264,950.00	Nick Goldsberry	90%
DEV1606	Murphy Ranch Phase 10C	Outside of City Limits	SWS	Dream	\$2,817,311.19	Michael Ogden	90%
DEV1605	Highpoint Ranch Ph2	3	SWS	Advanced Design	\$1,490,068.26	Sean Bieri	90%
DEV1631	Apple Valley Phase 2A & 2B	Outside of City Limits	SWS	TDG	\$4,184,349.00	Michael Hatheway	90%
DEV1608	Moon Meadows Park	2	Mainline/BTD/Larson	TDG	\$377,499.00	Willie Haas	90%
DEV1616	Ennen Subdivision	2	SWS	TDG	\$366,661.00	Michael Odgen	80%
DEV1610	Homestead 2	2	ProX	Indigo	\$1,381,120.00	Michael Hatheway	80%
DEV1653	Reservoir Road TIF	Outside of City Limits	SWS	TDG	--	Michael Hatheway	60%
DEV1636	Auburn Hills Phase 10	4	605 Excavating	Longbranch	\$1,336,000.00	Todd Knoll	30%
DEV1588	Kateland Phase 3 & 4	4	Xpro/Hayworth	Renner	\$898,909.25	Todd Knoll	30%
DEV1640	The Rough at Arrowhead Phase 2	3	Digger Construction	Advanced Design	\$854,786.00	Eric Mack	20%
DEV1630	The Rough at Arrowhead Phase 1	3	Digger Construction	Advanced Design	\$173,650.00	Eric Mack	20%
DEV1626	Stoney Creek Reserve	3	Walberger	Advanced Design	\$3,284,737.80	Willie Haas	0%
DEV1612	Shepherd Hills Phase 3	4	Dream	Advanced Design	\$769,877.00	Michael Hatheway	0%
Total Project Count :		34	Total		\$32,290,639.14		

DEVELOPMENTS (DEV) PENDING

DEV#	DEV Name	Ward	Contractor	Developer's Engineer	Engineer's Estimated Cost	Inpsector
DEV1626	Stoney Creek Reserve	2	Walberger	Advanced Design	\$3,284,737.80	TBD

DESIGN GROUP					
PROJECTS UNDER DESIGN					
Project #	Project Name	Ward	Project Manager	Project Status	Anticipated Bid Opening Date
2773	County Heights DB Elements 4, 5 Detention Pond 101	2	Michelle Lashley	Final Design / Easement Acquisition	Oct-7 (Tentative)
2680	Pavement Rehabilitation Project - Lindbergh Ave - Minuteman Dr to Haines Ave	4	Sara Odden	Preliminary Design	Oct-21 (Tentative)
2859	Bunker Drive Walking Path / Fence Installation	4	Michelle Lashley / Sara Odden	Preliminary Design / Easement Acquisition	October 2025
2743	Perrine Drainage Basin Ponds 101 and 104	2	Michelle Lashley	Final Design / Easement Acquisition	Nov-4 (Tentative)
2830	Wonderland Drive DBDP - Elements 80 and 320	3	Jacob Lauer	Final Design / Easement Acquisition	Nov-4 (Tentative)
2519	Robbinsdale Phase 6 - Fairmont Boulevard Reconstruction	1	Michelle Lashley	Final Design / Easement Acquisition	Nov-4 (Tentative)
TBD	Minnesota Street Panel Repair - Elm Ave to Fairmont Blvd	1	Jacob Lauer	Project Initiation	Nov-4 (Tentative)
2835	Downtown - Skyline Area Storm Sewer Recon - St. Cloud St from 6th St to 7th St	3	Michelle Lashley/Laurie Henry	Preliminary Design	Nov-4 (Tentative)
2842	2025 MIP - Streets and Drainage	Multiple	Jeffrey Crocker	Preliminary Design	Nov-18 (Tentative)
2493	E. Saint Charles Street Regional Drainage Improvements	2	Nicole Lecy	Final Design / ACOE Permitting	Nov-18 (Tentative)
2787	South Street Reconstruction	5	Jacob Lauer / Morgan Falcone	Preliminary Design	Nov-18 (Tentative)
2849	Pavement Rehabilitation Project - Nicklaus Drive	3	Sara Odden / Coleton Dietz	Final Design	Nov-18 (Tentative)
2745	Mt. Rushmore Rd & Promise Rd Intersection Utility Relocation	1/3	Sara Odden	Preliminary Design	Nov-19 (Tentative)
2876	East Blvd Sidewalk	2	Jeffrey Crocker	Preliminary Design	Feb-26
2798	Dakota Subdivision Reconstruction - Sitting Bull St / Red Cloud St / Crazy Horse St	4	Jacob Lauer/Laurie Henry	Design on hold	TBD 2026
2867.1	2026 Street Patching	Multiple	Daniel Finch	Project Initiation	TBD 2026
TBD	2026 Chip Seal	Multiple	Daniel Finch	Project Initiation	TBD 2026
TBD	Johnson Ranch Park Parking Lot Design	2	Daniel Finch / Sara Odden	Internal Project Scoping	TBD 2026
2867.2	Pavement Rehabilitation Project - Smith Ave	2	Daniel Finch / Sara Odden	Project Initiation	TBD 2026
TBD	Johnson Ranch Park Parking Lot Design	2	Daniel Finch / Sara Odden	Internal Project Scoping	TBD 2026
2788	Robbinsdale Reconstruction - E. Tallent Street and Willow Avenue	2	Jeffrey Crocker	Final Design / Easement Acquisition	TBD 2026
2782	US Highway 16 & 16B Utility Relocation	1/3	Sara Odden	Final Design	TBD 2026
2666	Chapel Lane Bridge	3	Sara Odden	Preliminary Design	TBD 2026
2845	Highway 79 and Old Folsom Road Traffic Signal	1	Matt Layman/Design Team	Preliminary Design	TBD 2026
2850	Plum Creek Gravity Sewer Extension	1	Nicole Lecy	Design Kickoff, Preliminary Design	TBD 2026
2121	Jolly Lane to Reservoir Road Trunk Sewer Extension	1	Nicole Lecy	Easement Acquisition	TBD 2026
2865	Creek Drive Bridge Replacement	2	Sara Odden	Project Initiation	TBD 2026
2861	Jubilee Lane Reconstruction	2	TBD	Design on hold, Survey Complete	TBD 2026
2869	143rd Avenue - Seger Drive to Mall Drive	2	Sara Odden	Project Scoping, Consultant Authorization	TBD 2026
2796	Silverleaf Reconstruction	2	Jeffrey Crocker	Design Kickoff, Preliminary Design	TBD 2027
2713	Carriage Hills Drive - Corral Drive to Parkridge Drive	3	Todd Peckosh	Design on hold	TBD 2027
2818	Sturgis Road Utilities Relocation & Extension - N of West Chicago St	5	Nicole Lecy	SDDOT Coordination	TBD 2028
PROJECTS IN BOLD are being completed by in-house engineering, drafting, and land surveying staff experts.					
ACTIVE BID(S)					
Project #	Project Name	Ward	Project Manager	Pre-Bid Date	Bid Opening
2773	County Heights DB Elements 4, 5 Detention Pond 101	2	Michelle Lashley / Sara Odden	9/30/2025	10/7/2025
BID(S) LET					
Project #	Project Name	Ward	Project Manager	Contractor	Bid Amount
2856	Sanitary Sewer Televising	Multiple	Nicole Lecy / Daniel Finch	National Power Rodding	\$525,062.00
2816	ADA Improvements - 2025 Projects	Multiple	Jacob Lauer	Dakota Asphalt	\$303,464.25
2868	Concrete Panel Repair - 5th Street and Columbus St Intersection (quote)	2/5	Jacob Lauer	Tru-Form Construction Inc	\$47,498.00

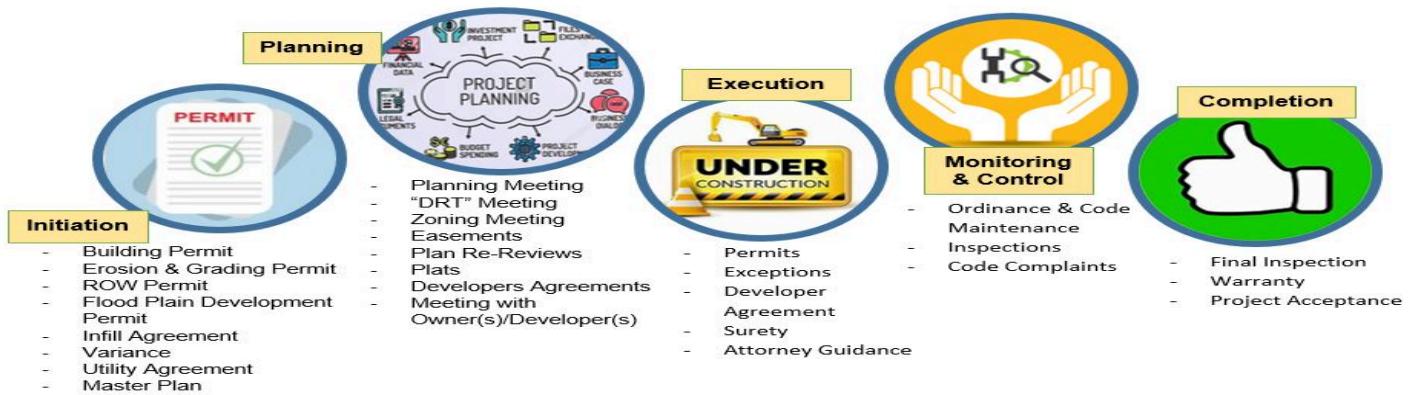
CONTINUING PLANNING OR PROGRAMS					
Project #	Name	Ward	Project Manager	Status	Project Completion
N/A	Stormwater Utility Fee - 2025 Fee Calculations	All	Jacob Lauer/Michelle Lashley	In Progress	September 2025
2767	Water System Survey Project 1 - Expanded Scope	All	Morgan Falcone	Contract Amendment Negotiations	September 2025
N/A	Consultant Selection Policy Update	All	Michelle Lashley	Gather input	October 2025
TBD	CIP Development - Mountain View Subdivision area	3	Michelle Lashley/Rodney Swendener	In Progress	October 2025
2767	Water System Survey Project 1 - SOP	All	Morgan Falcone	City Review	October 2025
N/A	North Rapid Memo - Pumping / System Head Curve Review	4	Morgan Falcone	In Progress - Consultant Finalization	October 2025
N/A	Levee As-Builts - Sioux Park	All	Justin Huntley / Laurie Henry	Survey Complete - Drafting in progress	October 2025
2862	Shepherd Hills Final Contract Closeout and Change Order Negotiations	2	Morgan Falcone	In progress	October 2025
IN25-04	Infill Agreement - Hillsview Storm Sewer	3	Nicole Lecy	Submitted for CC Approval	October 2025
N/A	Knollwood Park Design Review Team	4	Nicole Lecy / Michelle Lashley	Assist as needed	Fall 2025
2862	Shepherd Hills Professional Services Contract Closeout Items	2	Morgan Falcone	In progress	December 2025
2658	Skyline Drive Rehabilitation Design - Quincy St to Tower Rd	3/5	Sara Odden	Conceptual Design - Stakeholder Input	December 2025
2769	Master Plan Revision - Adding Black Hills Industrial Center	1	Morgan Falcon	In progress	December 2025
2141	Master Plan Continuing Services - Water Model Piping Update / Training	All	Morgan Falcon	Geodatabase transfer in progress	Spring 2026
2874	2026 PCI	All	Sara Odden	Consultant Authorization Request	2026
N/A	Black Hills Energy Easement Request - 7th Street Parking Lot	5	Morgan Falcone	In progress	TBD
N/A	Well 12 Project Closeout	3	Morgan Falcone	In progress	TBD
N/A	Drafting Standards - Standard Templates and Layer Setup	N/A	Sara Odden / Laurie Henry	In Progress	TBD - As time allows
N/A	Specification Revision Update reviews - Water	All	Morgan Falcone / Coleton Dietz	In progress	TBD - As time allows
N/A	Non-Conforming Project Prioritization	All	Nicole Lecy	In progress	TBD - As time allows
N/A	Drone Training - Program Implementation	All	Martie Kost	On-going	TBD
N/A	Water System Schematic	All	Laurie Henry	In Progress	TBD
N/A	Modeling - Fire Flow Review, Memo, SOP	N/A	Morgan Falcone/Michelle Lashley	4 Fire Flow Reviews in September	On-Going
N/A	Miscellaneous Water Modelling and Fire Flow Evaluations/reviews	All	Morgan Falcone	As needed	On-Going
N/A	ADA Transition Plan Review / Update Assistance	All	Design Team	Assist as needed	On-Going
N/A	Subdivision Review Assistance	All	Nicole Lecy	Assist as needed	On-Going
N/A	Building Permit Review Assistance	All	Jacob Lauer	Assist as needed	On-Going
IN-25-02	Infill Agreement - Lange Sewer	3	Nicole Lecy	Waiting for final agreement from Developer	TBD
IN-25-03	Infill Agreement - Commerce Road Water Extension	3	Nicole Lecy	Waiting for final agreement from Developer	TBD

COMPLETED PLANNING OR PROGRAMS					
Project #	Name	Ward	Project Manager	Status	Project Completion
2518	Annual Fire Hydrant Installation - 2025 Projects	3	Jacob Lauer	Design Complete - Installation by Utility Maintenance	No Bid - City Construction
N/A	CIP Project Mapping	All	Michelle Lashley / Roy Cork	Revisions Finalized	September 2025
N/A	Urban3 Project Support	All	Michelle Lashley	Infrastructure Data Compilation	September 2025
2609	Wonderland Drive Area Water Pressure Change Coordination	3	Sara Odden	Complete	September 2025
N/A	Pump Training Coordination	All	Morgan Falcone	Complete	September 2025
N/A	Stormwater Utility Fee - City Property Drainage Fee Invoicing	All	Jacob Lauer/Michelle Lashley	Complete	September 2025
N/A	Brookdale Mobile Home Park - Construction Management Support	All	Morgan Falcone / Coleton Dietz	As needed	September 2025
N/A	Ennen Drainage Basin Design Plan - Pennington County Coordination	N/A	Michelle Lashley	RFP Coordination	September 2025

ACTIVE GRANT PROJECT SUPPORT / ADMINISTRATION					
Project #	Name	Ward	Project Manager	Status	Project Completion
N/A	Shepherd Hills Water Booster Station SD Housing Infrastructure Grant	2	Morgan Falcone	Contractor Submittal Coordination	September 2025
N/A	Southeast Area Trunk Sewer ARPA Grant Contractor requirement follow-up	2	Nicole Lecy	Contractor Submittal Coordination	September 2025
N/A	143rd Ave Trunk Sewer ARPA Grant Contractor requirement follow-up	2/4	Nicole Lecy	Contractor Submittal Coordination	September 2025

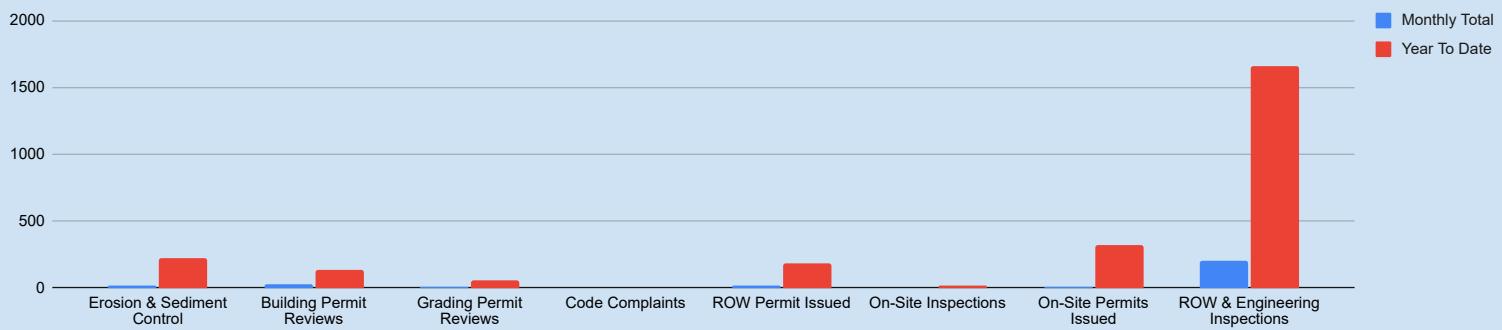
DEVELOPMENT GROUP

General Development Process



Projects/Tasks/& Meetings Scope for this month includes:

Totals For the Month



Some of the numbers above may have details that are listed on the Community Development's - RAP SHEET

EXCEPTIONS & VARIANCES		Monthly Total	YTD Total	NOTES
Denied		4	5	
	Approved	5	64	1. An exception is a request by an engineer, consultant or developer to waive a of our Standard Specifications, Infrastructure Design Criteria Manual, or Ordinance.
Total for the Month:		9	69	

Requests for Exception Highlights: 1 exception was approved with a stipulation.