



**GRANTSVILLE CITY
RESOLUTION NO. 2026-22**

**A RESOLUTION GRANTSVILLE CITY APPROVING THE EXPENDITURE OF
CLASS C ROAD FUNDS FOR ROAD DEPARTMENT EQUIPMENT**

Be it resolved by the City Council of Grantsville City, Utah as follows:

WHEREAS, Grantsville City receives Class C Road Funds pursuant to Utah State law for the purpose of construction, maintenance, and improvement of public roadways; and

WHEREAS, the Grantsville City Road Department has identified necessary equipment purchases to improve efficiency, reduce long-term maintenance costs, and preserve roadway infrastructure; and

WHEREAS, the Road Department has prepared a proposal outlining the requested equipment and associated costs, with the total estimated cost summarized in Exhibit A attached hereto; and

WHEREAS, the total estimated cost for the requested equipment is \$3,037,000.00, as detailed in Exhibit A, which reflects the final summary of equipment requests; and

WHEREAS, the City Council finds that the purchase of such equipment is in the best interest of the public health, safety, and welfare, and is an appropriate use of Class C Road Funds.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF GRANTSVILLE CITY, STATE OF UTAH, AS FOLLOWS:

Section 1. Approval of Expenditure: The City Council hereby approves the use of Class C Road Funds in the amount of \$3,037,000.00 for the purchase of Road Department equipment as summarized in Exhibit A attached hereto.

Section 2. Authorization: The Mayor and City staff are hereby authorized to proceed with the procurement of the identified equipment, consistent with applicable procurement policies and budgetary constraints, including the option to purchase used equipment where prudent to reduce overall costs. Further more, the mayor and city staff are hereby authorized to take any reasonable steps necessary to carry out the objective of this resolution.

Section 3. Effective Date: This resolution shall take effect immediately upon its passage and approval as provided by law.

Section 4. Severability clause. If any part or provision of this Resolution is held invalid or unenforceable, such invalidity or unenforceability shall not affect any other portion of this Resolution and all provisions, clauses and words of this Resolution shall be severable.



ADOPTED AND PASSED BY THE CITY COUNCIL OF GRANTSVILLE CITY, THIS
15TH DAY OF APRIL, 2026.

BY THE ORDER OF THE GRANTSVILLE CITY COUNCIL:

By Mayor Heidi Hammond

ATTEST

Alicia Fairbourne, City Recorder



EXHIBIT “A”

Road Department Equipment Requests



Road Department Equipment Requests

Strategic equipment investments to maintain Grantsville's roads, reduce long-term repair costs, and preserve critical infrastructure.

5-Year Crack Sealing Program

Grantsville City – 95 Miles + 5 Miles/Year Growth

Goal:

Preserve existing roads, keep pace with rapid growth, and prevent future maintenance backlogs through a **proactive, scalable crack sealing strategy**.

Every \$1 invested in crack sealing saves \$4–\$8 in future roadway repair costs.

Annual Treatment Requirements (With Growth)

Program Assumptions

•Current roadway network: **95 miles**

•Annual roadway growth: **+5 miles/year**

•Network after 5 years: **115 miles**

•Treatment cycle: **Every 5 years**

Unit cost: **\$1,200 – \$1,800 per mile**

Year	Network Size	Miles Treated	Annual Cost
Y-1	95	18	\$21,600 - \$32,400
Y-2	100	19	\$22,800 - \$34,200
Y-3	105	20	\$24,000 - \$36,000
Y-4	105	21	\$25,200 - \$37,800
Y-5	110	22	\$26,400 - \$39,600

Recommended Annual Budget: \$35,000 - \$40,000
(Not Reflecting Inflation)

Return On Investment (ROI) (Trailer Cost \$85,000)

In-house cost: **\$1,200 – \$1,800 per ton** → \$2,400 – \$3,600 per mile – \$48,000 – \$72,000

Contracted cost: **\$4,500 – \$6,500 per mile** — \$90,000 – \$130,000

Annual Savings \$42,000 – \$58,000

Annual Savings

Payback Period

\$42,000/year

≈ 2.0 years

\$50,000/year

≈ 1.7 years

\$58,000/year

≈ 1.5 years

← INCORPORATED 1867 →



Gap Mastic Trailer Investment & ROI

Gap Mastic Trailer – \$95,000 Capital Purchase

Return on Investment (ROI)

Annual Production Assumptions:

- 50 tons of mastic material per year
- ≈ 20,000 linear feet of crack & joint repairs

Cost Comparison:

- Contracted Work: \$6.00 / LF → \$120,000 per year
- In-House with Trailer: \$2.00 / LF → \$40,000 per year

Annual Savings:

- \$120,000 – \$40,000 = \$80,000 per year

Payback Period:

- $\$95,000 \div \$80,000 = 1.2$ Years

3-Year Financial Impact:

- Total Savings: \$240,000
- Net Gain after Equipment Cost: \$145,000

Key Benefits:

- Major contractor cost avoidance
- Faster response to pavement failures
- Extended pavement life & fewer potholes
- Predictable budgeting & scheduling





Crafco Patcher II / Mastic One: Skin Patch Repair



TikTok
@asphaltpres



1867

Secmair Chip / Seal Coat Truck

ROI Justification: Secmair Combi 1515 Purchase

City of Grantsville, Utah | Purchase Cost: \$850,000

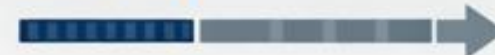
Key Financials

- Outsourced Costs: **\$300,000+/yr**
- In-House Costs: **\$100,000/yr**
- Annual Savings: **\$200,000+***



Payback Period

\$850K — ÷ 4.3 Years



Single Operator Efficiency



Reduced Traffic Disruption



Extended Road Life



Improved City Control

Investment pays off in under 5 years with major cost savings and enhanced road maintenance capabilities.



SECMAIR

FAYAT GROUP

360°

Pneumatic Wheel Loader

ROI of a Pneumatic Wheel Roller for Chip Sealing

Investing in a **pneumatic wheel roller** delivers strong return on investment by **maximizing aggregate embedment and compaction during chip sealing**, which directly improves **seal performance and pavement life**.

Proper rolling ensures **uniform stone embedment, reduced rock loss, better binder adhesion, and tighter surface sealing**, resulting in **longer-lasting chip seals and fewer early failures**. This reduces **rework, sweeping, patching, and customer complaints**, while improving overall roadway appearance and safety.

By performing chip seal rolling in-house, agencies typically **eliminate \$20,000–\$45,000 per year in rental and contracted services**, while gaining **greater production rates, improved schedule control, and consistent compaction quality**.

With a purchase cost of **\$85,000–\$140,000**, most operations achieve **full payback within 2–3 years**, followed by **long-term savings, improved seal performance, and reduced lifecycle pavement costs**.

Bottom line: A pneumatic roller quickly pays for itself by improving chip seal quality, extending service life, and reducing annual operating expenses.



ROI of a Tymco 500X Street Sweeper

A Tymco 500X regenerative air street sweeper provides strong return on investment by **eliminating contracted sweeping costs, reducing storm drain maintenance, and extending pavement life.**

With a purchase cost ranging from **\$250,000–\$500,000**, the sweeper allows the City of Grantsville to bring sweeping operations in-house, typically saving **\$60,000–\$150,000 per year** in **contracted sweeping services, catch basin cleaning, and pavement preservation costs.**

Routine sweeping **reduces debris buildup, improves stormwater compliance, minimizes pavement wear, and improves roadway safety and appearance.** These combined benefits typically result in **full payback within 3–5 years**, followed by **long-term annual operational savings and improved infrastructure performance.**

Bottom line: A Tymco 500X sweeper is a high-impact investment that improves service quality while delivering **strong long-term financial returns** for the City of Grantsville.



Asphalt Zipper – Capital Purchase Justification

City of Grantsville, Utah

Purchase Price: \$350,000

Conservative Small-Town Assumptions:

- 2 – 2.5 lane-miles rehabilitated per year
- Savings of \$60,000 – \$70,000 per lane-mile

Annual Savings:

- \$120,000 – \$175,000 per year

Payback Period:

- 2 – 3 years

10-Year Financial Impact (Conservative):

- Total Savings: \$1.2M – \$1.75M
- Net Benefit after purchase: \$850k – \$1.4M

Key Benefits:

- Major material and trucking cost reduction
- In-house control of roadway rehabilitation
- Faster project completion, less traffic disruption
- Extended pavement life and improved road quality





2000 Gallon Water Truck



Investing in a **2,000-gallon water truck** provides a fast return by reducing outsourced water delivery costs, improving construction and maintenance efficiency, and extending roadway and equipment life.

By performing in-house dust control, compaction moisture conditioning, asphalt cooling, and cleanup, the truck can **eliminate \$30,000–\$60,000 per year in contracted services**. Additional savings come from **lower labor time, reduced material waste, and faster job completion**.

With an estimated purchase price of **\$90,000–\$130,000**, most agencies achieve **full payback within 2–3 years**, while continuing to generate **long-term operational savings, improved safety, and better project quality**.

Bottom line: A 2,000-gallon water truck typically pays for itself quickly while increasing productivity and reducing annual operating costs.

275-C3T5 Skid Loader / Smart Grader Blade



Purpose:

Road Maintenance, Shoulder Repair, Drainage Improvements, Small Road Construction, Utility Support, Snow Operations, and Facility Maintenance.

Total Equipment Investment: \$120,000

Total Equipment Cost: \$120,000

Payback Period: ~2.2 Years

5-Year Net Benefit: \$157,500

(Includes Compact Track Loader and Smart Grader Blade. Equipment is compatible with GPS grade control expansion.)

Why Purchase

- Replaces frequent rental equipment for grading and excavation work
- Reduces reliance on contracted grading and small road construction services
- Provides **precision road grading and shoulder maintenance** using the **Caterpillar Smart Grader Blade**
- Track system allows work in **soft shoulders, drainage areas, and winter conditions**
- Supports **small road build-out projects and alley reconstruction**
- Compatible with **Trimble Earthworks Grade Control Platform** for **GPS-controlled grading and road construction**
- Improves crew productivity and reduces project completion time
- Enhances emergency response for storm damage, washouts, and utility repairs

“For a \$120,000 investment, the City gains a machine that pays for itself in about two years while helping protect millions of dollars in roadway infrastructure and giving Public Works the ability to build and maintain roads in-house.”

ROI Summary

Total Equipment Cost: \$120,000

Payback Period: ~2.2 Years

5-Year Net Benefit: \$157,500



Cat Smart Blade Video



New Freightliner Dump Truck To Replace Truck Going to Sewer. Upfit With Old Dump Body With New Plow Controls



The Freightliner Trucks dealer provided the lowest bid with a **\$140,000 chassis price**. Transferring the existing truck body and installing a new plow plate and controls is estimated at **\$60,000**, for a **total project cost of \$200,000**.

ROI: Reusing the existing body saves the City an estimated **\$80,000–\$150,000** compared to purchasing a completely new plow truck.

This project places a rebuilt truck into service for **\$200,000 instead of \$300,000+**, saving **about \$100,000**, while the current truck will be **transferred to the sewer department**, extending its useful life and **reducing the need for another vehicle purchase**.

2 New 3500 Crew Cab For Department Crews



Two 3500 crew cab trucks equipped with fuel cells will improve the efficiency and safety of Grantsville City's Road Department crews by allowing personnel, tools, and fuel to be transported directly to job sites, reducing downtime and supporting critical road maintenance operations.

Cost Of Two Trucks 160,000.00

New Equipment Transport Trailer



A Trail King equipment haul trailer allows Grantsville City crews to safely transport equipment such as skid loaders and backhoes to job sites instead of operating them on city streets. This reduces equipment wear, improves crew safety, increases productivity, and allows the City to perform more road and utility maintenance projects in-house.

A \$60,000 equipment haul trailer will pay for itself in approximately 3–5 years by reducing equipment wear, improving crew productivity, and allowing Grantsville City crews to safely transport backhoes and other equipment rather than operating them on city streets.

Towable Post Hole Auger

\$7,000.00

BravePro BRPA385H Towable and Hydraulic Earth Auger Overview

Introducing the Brave BRPA385H towable earth auger – your ultimate companion for conquering ground with confidence.

This new Brave BRPA385H towable earth auger is ideal for rental businesses, landscapers, and other outdoor professionals.

Powered by a Honda GX390 engine, the auger delivers the power and torque for most soil conditions.

The operator handle has a new design, allowing height adjustment with one hand.

The tow bar is designed for quick and easy installation, and the hydraulic sight glass makes checking fluid levels simple.

Effective for digging holes 6 to 18 in. and up to 48 in. deep. Bits are sold separately.



Total Cost Of Equipment Requests

Crack Seal Trailer	90,000.00	New *	
Mastic Trailer	95,000.00	New *	
Secmair Chip/ Seal Coat Truck	850,000.00	New *	
Pneumatic Wheel Roller (Chip Seal)	150,000.00	Used *	
Street Sweeper (Chip Seal, Pre & Post)	500,000.00	New *	May be Good Used In Market
Asphalt Zipper	350,000.00	New *	Maybe a Demo Available
Water Truck (2000 Gal)	150,000.00	New *	There Are Used Truck In The Market
Skid Loader With Grader Blade & GPS	280,000.00	New *	Cat Model 275 C3T5
New Ten Wheel Dump Truck	220,000.00	New *	C&C Including Uplift of Old Truck Bed & Equip.
2 New 3500 Crew Cab Trucks	160,000.00	New *	Upfit Fuel Cells For Crew In Field Fueling.
60,000 Lb. Equipment Hauling Trailer	60,000.00	New *	Need to Haul Equipment, Stop Roding Equip.
Towable Post Hole Auger	7000.00	New *	Will Allow For One Man Sign Installation.
Assumed Shipping For All	125,000.00		Shipping Is Unknown

Total 3,037,000.00 Buying Used When Prudent Will Bring Overall Costs Down.

This Is Worst Case Cost.

This Equipment Acquisition Will Bring The Department To A Place Where We Can Get Ahead Of All The Deferred Maintenance On Grantsville City Infrastructure. It Will Give Crews The Ability To Show Quick Results To The Residents.