

Project Management & Engineering



Project Management & Engineering

Description

The Project Management & Engineering Department delivers completed road and drainage projects to meet the needs of our community. Our engineers perform all aspects of project management, engineering and design for planning and construction of roads, sidewalks, storm drains and trails. Road projects include new construction and reconstruction, curbing and gutters, traffic signals, signage, drainage, and street lighting. Other key responsibilities of the department include storm water run-off management, flood hazard reviews, right-of-way acquisition for municipal projects, and administration of Road Improvement District projects.

Division Goals that Contribute to Achieving the Mayor's Mission:



Economic Recovery – Build a city that attracts and retains a talented workforce, is hospitable to entrepreneurs and business owners, provides a strong environment for economic growth, attract new and innovative industries to Anchorage, and expand the tourism opportunities of Southcentral Alaska.

- Provide surveys at a reasonable cost.
- Investigate and respond to public inquiries within ten working days.
- Provide land survey reviews for the Planning Department to meet their needs.
- Ensure watershed management employees perform and are timely with permit plan reviews.
- Provide timely plan review by Watershed Management Services for permit applications.
- Flood plain data is maintained as per regulatory (National Flood Insurance Program (NFIP)) requirements and accessible to public in timely manner.
- Perform Alaska Pollutant Discharge Elimination System (APDES) inspections for commercial projects within approved APDES permit requirements.



Administrative Efficiency – Make city government more efficient and decrease departmental spending. Administration – Make city government more efficient, accessible, transparent, and responsive

- Design capital improvement projects that are cost-effective, maintenance-friendly and clearly communicate design intent to construction contractor within the schedule specified in the Capital Improvement Program.

Project Management & Engineering Department Summary

	2020 Actuals	2021 Revised	2022 Approved	22 v 21 % Chg
Direct Cost by Division				
PME Project Management & Engineering	1,476,941	1,547,500	939,798	(39.27%)
Direct Cost Total	1,476,941	1,547,500	939,798	(39.27%)
Intragovernmental Charges				
Charges by/to Other Departments	(299,507)	(451,786)	(413,105)	(8.56%)
Program Generated Revenue	(280,097)	(285,000)	(285,000)	-
Function Cost Total	1,177,434	1,095,714	526,693	(51.93%)
Net Cost Total	897,337	810,714	241,693	(70.19%)
Direct Cost by Category				
Salaries and Benefits	1,231,084	1,197,685	699,737	(41.58%)
Supplies	2,771	8,784	8,784	-
Travel	-	-	-	-
Contractual/Other Services	242,960	341,031	231,277	(32.18%)
Debt Service	-	-	-	-
Equipment, Furnishings	127	-	-	-
Direct Cost Total	1,476,941	1,547,500	939,798	(39.27%)
Position Summary as Budgeted				
Full-Time	8	8	5	(37.50%)
Part-Time	1	1	-	(100.00%)
Position Total	9	9	5	(44.44%)

Project Management & Engineering Reconciliation from 2021 Revised Budget to 2022 Approved Budget

	Direct Costs	Positions		
		FT	PT	Seas/T
2021 Revised Budget	1,547,500	8	-	1
2021 One-Time Requirements				
- REVERSE - 2021 1Q - ONE TIME - Survey and dedication of an easement across municipal property off the Glenn Highway out near Mirror Lake, per 2007 commitment with Eklutna	(75,000)	-	-	-
Changes in Existing Programs/Funding for 2022				
- Salaries and benefits adjustments	(3,534)	-	-	-
2022 Continuation Level	1,468,966	8	-	1
Transfers by/to Other Departments				
- Transfer to Building Services Department	(494,414)	(4)	-	-
- Transfer to Public Works Department	(974,552)	(4)	-	(1)
2022 Assembly Amendments				
- Amendment #3 to AO 2021-114 ReOrg - Make Public Works divisions Maintenance & Operations, Project Management & Engineering, and Traffic Engineering into departments	939,798	5	-	-
2022 Mayoral Vetoes				
- Amendment #3 to AO 2021-114 ReOrg - Make Public Works divisions Maintenance & Operations, Project Management & Engineering, and Traffic Engineering into departments	(939,798)	(5)	-	-
2022 Veto Overrides				
- Amendment #3 to AO 2021-114 ReOrg - Make Public Works divisions Maintenance & Operations, Project Management & Engineering, and Traffic Engineering into departments	939,798	5	-	-
2022 Approved Budget	939,798	5	-	-

Project Management & Engineering Division Summary

PME Project Management & Engineering

(Fund Center # 732400, 732200, 732300, 732279)

	2020 Actuals	2021 Revised	2022 Approved	22 v 21 % Chg
Direct Cost by Category				
Salaries and Benefits	1,231,084	1,197,685	699,737	(41.58%)
Supplies	2,771	8,784	8,784	-
Travel	-	-	-	-
Contractual/Other Services	242,960	341,031	231,277	(32.18%)
Equipment, Furnishings	127	-	-	-
Manageable Direct Cost Total	1,476,941	1,547,500	939,798	(39.27%)
Debt Service	-	-	-	-
Depreciation/Amortization	-	-	-	-
Non-Manageable Direct Cost Total	-	-	-	-
Direct Cost Total	1,476,941	1,547,500	939,798	-
Intragovernmental Charges				
Charges by/to Other Departments	(299,507)	(451,786)	(413,105)	(8.56%)
Function Cost Total	1,177,434	1,095,714	526,693	(51.93%)
Program Generated Revenue by Fund				
Fund 101000 - Areawide General	280,097	285,000	285,000	-
Program Generated Revenue Total	280,097	285,000	285,000	-
Net Cost Total	897,337	810,714	241,693	(70.19%)
Position Summary as Budgeted				
Full-Time	8	8	5	(37.50%)
Part-Time	1	1	-	(100.00%)
Position Total	9	9	5	(44.44%)

Project Management & Engineering Division Detail

PME Project Management & Engineering

(Fund Center # 732400, 732200, 732300, 732279)

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Salaries and Benefits	1,231,084	1,197,685	699,737	(41.58%)
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Debt Service	-	-	-	-
Non-Manageable Direct Cost Total	-	-	-	-
Direct Cost Total	1,476,941	1,547,500	939,798	(39.27%)
Intragovernmental Charges				
Charges by/to Other Departments	(299,507)	(451,786)	(413,105)	(8.56%)
Program Generated Revenue				
404090 - Building Permit Plan Review Fees	150	-	-	-
404220 - Miscellaneous Permits	99,517	125,000	125,000	-
406020 - Inspections	159,821	135,000	135,000	-
406050 - Platting Fees	20,568	25,000	25,000	-
408380 - Prior Year Expense Recovery	41	-	-	-
Program Generated Revenue Total	280,097	285,000	285,000	-
Net Cost				
Direct Cost Total	1,476,941	1,547,500	939,798	(39.27%)
Charges by/to Other Departments Total	(299,507)	(451,786)	(413,105)	(8.56%)
Program Generated Revenue Total	(280,097)	(285,000)	(285,000)	-
Net Cost Total	897,337	810,714	241,693	(70.19%)

Position Detail as Budgeted

	2020 Revised		2021 Revised		2022 Approved	
	Full Time	Part Time	Full Time	Part Time	Full Time	Part Time
Civil Engineer II	1	-	1	-	1	-
Civil Engineer IV	1	-	1	-	1	-
Engineering Technician III	1	1	1	1	-	-
Engineering Technician IV	2	-	2	-	-	-
GIS Technician III	3	-	3	-	3	-
Position Detail as Budgeted Total	8	1	8	1	5	-

Anchorage: Performance. Value. Results

Project Management and Engineering Division Design

Anchorage: Performance. Value. Results.

Mission

Provide project management services aimed at delivering public capital improvement projects in a timely, cost-effective manner for residents, businesses and visitors within the Municipality who rely on public facilities for safe transportation and recreation.

Core Services

- Manage the specific planning and specific configuration of capital projects (i.e., roadways, drainage systems, parks, and trails).
- Manage the design of capital projects, to provide the greatest public benefit for the least private detriment.
- Manage the construction of those capital projects, to ensure the greatest cost-effectiveness with the least disruption to residents, businesses and the traveling public.
- Inform the public and listen to comments regarding the details of the above planning, design, and construction activities.

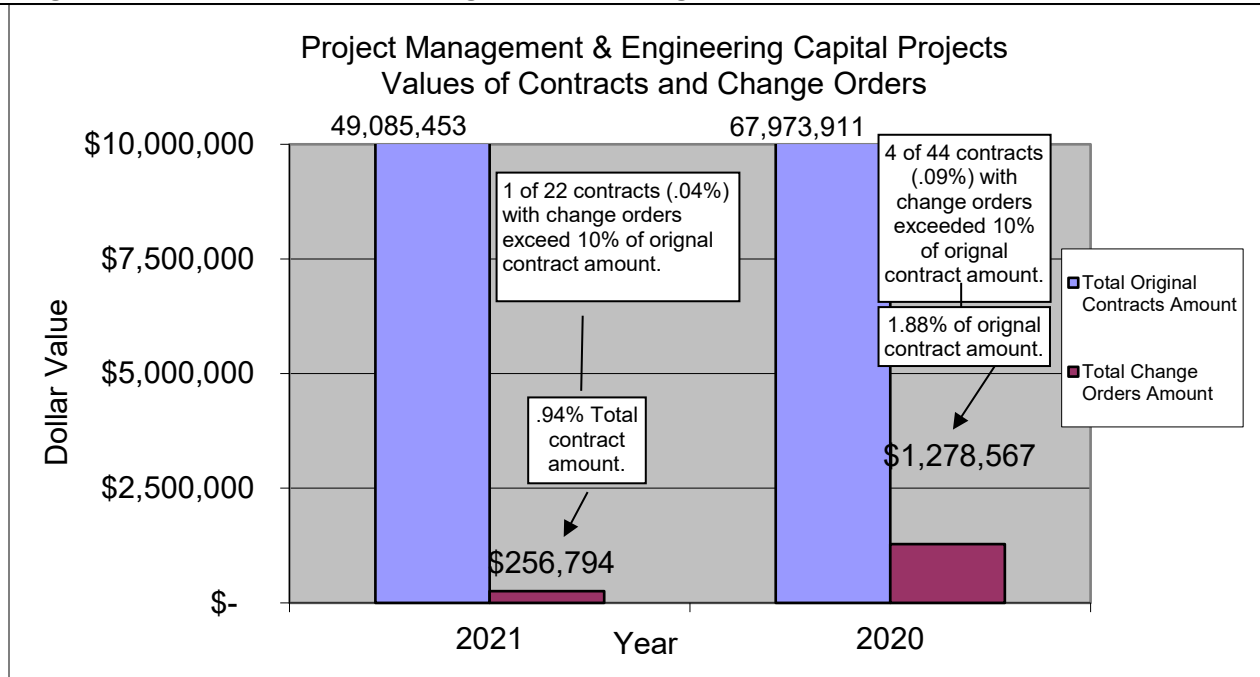
Accomplishment Goals

- Design capital improvement projects that are cost-effective, maintenance-friendly and clearly communicate design intent to construction contractor within the schedule specified in the Capital Improvement Program.

Performance Measures

Progress in achieving goals shall be measured by:

Measure #1: 75% of construction contract change orders are less than 10% of the original contract prices, including elective change orders



Project Management and Engineering Division Watershed Management

Anchorage: Performance. Value. Results.

Mission

Oversee the discharge of the municipal storm water system based on the federally mandated Alaska Pollution Discharge Elimination System (APDES) Permit which allows discharge from the municipal storm sewer system into waters of the U.S. Compliance with the APDES Permit is necessary to avoid penalties enforced by the Environmental Protection Agency in accordance with the Clean Water Act.

Direct Services

- Long-term negotiation and coordination of permit allowing the municipality to dispose of stormwater into waters of the U.S.
- Oversight of FEMA National Flood Insurance Program (NFIP) for Anchorage.

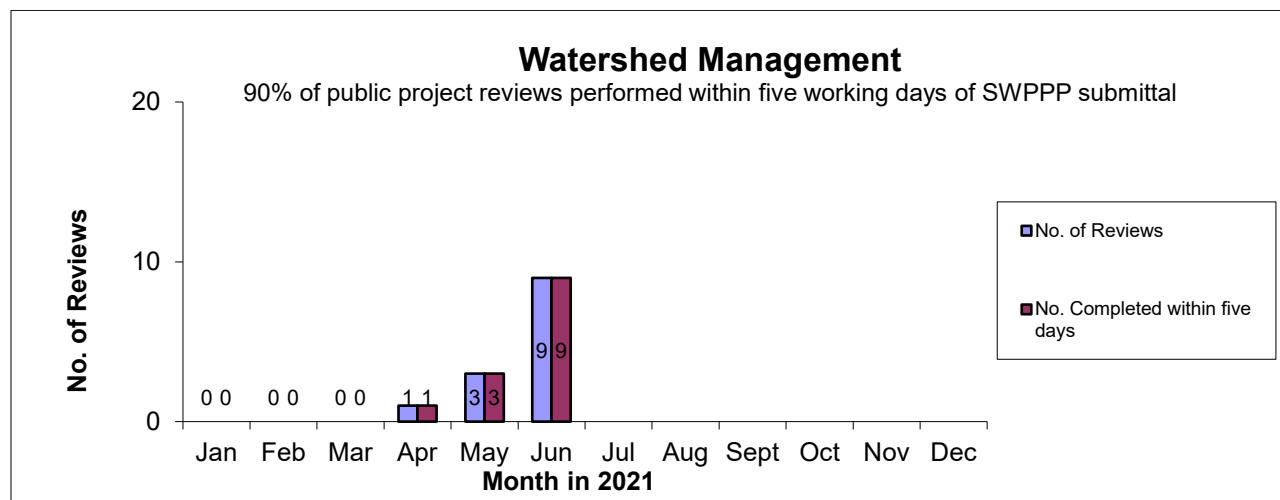
Accomplishment Goals

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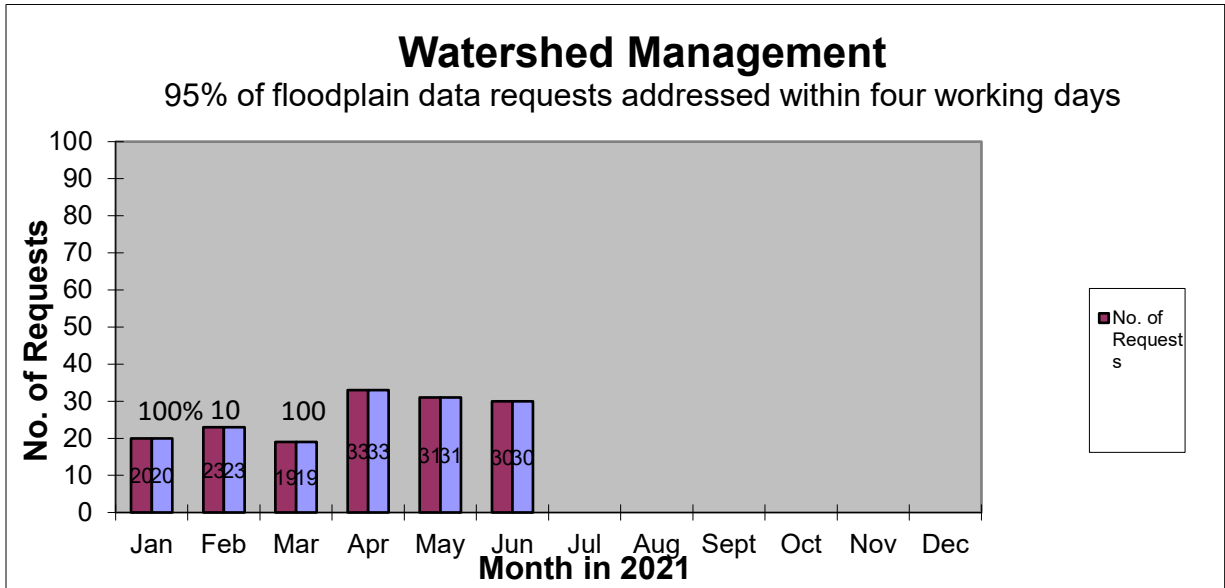
Performance Measures

Progress in achieving goals shall be measured by:

Measure #2: 90% of public project reviews performed within five working days of Storm Water Pollution Prevention Plan (SWPPP) submittal



Measure #3: 95% of floodplain data requests addressed within four working days



Measure #4: 90% of commercial inspections performed within ten working days

