

SUBJECT: ACCEPT AND APPROPRIATE \$249,390 FROM THE UNITED STATES GEOLOGICAL SURVEY TO PROJECT 47519, FUND 480, AND APPROVE THE SCOPE OF WORK AND BUDGET FOR THE COLLECTION OF LIDAR ELEVATION DATA.

AGENDA OF: May 7, 2019

ASSEMBLY ACTION:

*Adopted without Objection
5-21-19*

MANAGER RECOMMENDATION: Introduce and set for public hearing.

APPROVED BY JOHN MOOSEY, BOROUGH MANAGER:

Route to:	Department/Individual	Initials	Remarks
	Originator	HK	
	Information Technology Director	<i>EW</i>	
	Purchasing Officer	<i>W</i>	
	Finance Director	<i>CF</i>	
	Borough Attorney	<i>NS</i>	
	Borough Clerk	<i>gmm</i>	4/29/19

ATTACHEMENTS: Fiscal Note: Yes X No
Ordinance Serial No. 19-064 (2 pp)
Resolution Serial No. 19-047 (3 pp)

SUMMARY STATEMENT:

Through a joint funding agreement, the United States Geological Survey (USGS) has offered \$249,390 to support the collection of LIDAR (elevation data) as part of the Matanuska-Susitna Borough (MSB) Aerial Imagery and Elevation Data Program. The MSB was selected for this joint funding agreement through the USGS 3D Elevation Program (3DEP) application process.

The MSB Recurring Aerial Imagery and Elevation Data Program is part of an ongoing effort to provide high-quality aerial imagery and elevation data to all of our customers, in areas where it is most needed, on a recurring basis, and in the most cost-effective manner possible.

LiDAR products have become critical tools for mapping and preliminary design efforts in the region. The need for updated LiDAR is driven by urban growth, landscape changes, upcoming infrastructure projects, and improvements to LiDAR technology. These products supports government services as well as commercial and private endeavors.

This joint funding effort will result in 1,080 square miles of new LiDAR data, and ancillary products, in the south-central portion of the MSB. USGS will be responsible for project management and quality control efforts, which will result in tremendous cost savings to the MSB.

The Borough will contribute \$256,725 to the project, which is currently available in Project No. 47519, and is comprised of areawide capital budget appropriations, Community Development operating budget re-appropriation, and a United States Fish and Wildlife Service grant.

RECOMMENDATION OF ADMINISTRATION:

It is the Administration's recommendation to accept and appropriate \$249,390 from USGS to Project 47519, Fund 480, and approve the scope of work and budget for the collection of LiDAR data.

MATANUSKA-SUSITNA BOROUGH
FISCAL NOTE

Agenda Date: May 7, 2019

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ORIGINATOR: Eric Wyatt, Information Technology Director

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <input checked="" type="radio"/> YES <input type="radio"/> NO
AMOUNT REQUESTED <u>\$ 249,390</u>	FUNDING SOURCE <u>USGS</u>
FROM ACCOUNT #	PROJECT #
TO ACCOUNT: <u>480.000.000.3XX.XXX</u>	PROJECT # <u>47519</u>
VERIFIED BY: <u>Brybara Baugher</u>	CERTIFIED BY:
DATE: <u>4/24/19</u>	DATE:

EXPENDITURES/REVENUES: (Thousands of Dollars)						
OPERATING	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL	<u>249.3</u>					
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REVENUE						
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FUNDING: (Thousands of Dollars)						
General Grant Funds						
State/Federal Funds	<u>249.3</u>					
Other						
TOTAL	<u>249.3</u>					

POSITIONS:						
Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: _____ PHONE: _____

DEPARTMENT: _____ DATE: _____

APPROVED BY: Chayenne Stuard DATE: 4/24/19