

1 By: Bryce J. Ward, Mayor  
2 Introduced: 10/10/2019  
3 Advanced: 10/10/2019  
4 Adopted: 10/24/2019  
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6 FAIRBANKS NORTH STAR BOROUGH

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8 ORDINANCE NO. 2019-20-1G  
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10 AN ORDINANCE AMENDING THE FY 2019-20 BUDGET BY APPROPRIATING \$86,735 IN  
11 FEDERAL GRANT FUNDING TO THE SPECIAL REVENUE FUND TO ESTABLISH AN  
12 ACCURATE EFFECTIVE MODEL FOR THE TANANA RIVER FLOODWAY TO COMPLETE  
13 THE TANANA RIVER/SALCHA FLOOD STUDY AND MAPPING  
14

15 WHEREAS, The Fairbanks North Star Borough (Borough) participates in  
16 the National Flood Insurance Program; the Federal Emergency Management Agency  
17 (FEMA) uses Flood Insurance Rate Maps (FIRM) to determine flood insurance premiums  
18 for residents; and  
19

20 WHEREAS, As a part of the construction of the Tanana River Bridge, the  
21 Alaska Railroad Corporation (ARRC) conducted hydrologic and hydraulic studies which  
22 identified modeling errors and questionable assumptions used by FEMA in developing  
23 the current FIRM (March 17, 2014); these inaccuracies were independently verified; and  
24

25 WHEREAS, In Ordinance No. 2015-20-1G, \$250,000 from the General  
26 Fund fund balance was appropriated to the Multi-Year General Subfund for the purpose  
27 of funding the Salcha Flood Map Study to correct these modeling inaccuracies so the  
28 Borough could apply to FEMA to correctly identify and map flood risk throughout the  
29 study area; and  
30

31 WHEREAS, In Ordinance No. 2016-20-1K, \$70,000 of federal grant  
32 funding from the U.S. Department of Homeland Security/FEMA (2016 DHS/FEMA Grant)  
33 was appropriated to the Special Revenue Fund toward the Salcha Flood Map Study; this  
34 grant has been fully expended and closed; and  
35

36 WHEREAS, The Salcha Flood Map Study project area was extended and  
37 the project was renamed to the Tanana River/Salcha Flood Study and Mapping; and  
38

39 WHEREAS, The Tanana River/Salcha Flood Study and Mapping project  
40 could not be completed because FEMA's current Effective Model is outdated and has no  
41 provisions for a braided channel system, making it impossible to link the Borough's new  
42 data into that Model to update the Flood Insurance Rate Maps; and

43 WHEREAS, The Tanana River floodway requires new modeling to  
44 complete the Tanana River/Salcha Flood Study and Mapping project; and

45  
46 WHEREAS, The remaining project funds are insufficient to finish the work  
47 necessary to complete the Tanana River/Salcha Flood Study and Mapping project; and

48  
49 WHEREAS, The DHS/FEMA has made \$86,735 in Cooperating Technical  
50 Partners (CTP) program funding (2019 DHS/FEMA Grant) available to the Borough; and

51  
52 WHEREAS, The scope and intent of the 2019 DHS/FEMA Grant is to use  
53 the data from the ARRC study, the work to-date on the Tanana River/Salcha Flood  
54 Study, and the 2017 LiDAR project (from a separate Borough appropriation) to  
55 complete the model terrain data, hydrology, hydraulic modeling and mapping of the  
56 Tanana River floodway; establish an accurate Effective Model; and finalize the Tanana  
57 River/Salcha Flood Study and Mapping project; and

58  
59 WHEREAS, The results of this work would form the basis for the Borough  
60 to submit a Physical Map Revision application to FEMA in order to correctly identify and  
61 map flood risk for the Tanana River, affecting approximately 1,000 parcels  
62 encompassing 32,000 acres; a majority of parcels are privately owned and generally  
63 developed with low density residential and agricultural uses; and

64  
65 WHEREAS, If the Borough's application is accepted by FEMA, flood  
66 insurance premiums in the affected area are expected to be reduced; and

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68 WHEREAS, If additional funding is required to complete the project, the  
69 Borough is eligible to apply for another FEMA CTP grant next year.

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71 NOW, THEREFORE, BE IT ORDAINED by the Assembly of the Fairbanks  
72 North Star Borough:

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74 Section 1. Classification. This ordinance is not of a general and  
75 permanent nature and shall not be codified.

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77 Section 2. Acceptance of Federal Grant Funding. The Borough formally  
78 accepts the award of \$86,735 in federal grant funding from DHS/FEMA for the Tanana  
79 River Floodway Study.

80  
81 Section 3. Special Revenue Fund Appropriation. The FY 2019-20 budget  
82 is hereby amended by appropriating \$86,735 to the Special Revenue Fund budgetary  
83 guideline entitled "Tanana River Floodway Study" and by increasing estimated revenue  
84 from federal grants by a like amount.


85 Section 4. Eligible Expenditure Period. Expenditures subsequent to the  
86 effective date of the signed grant agreement are eligible for reimbursement.

87  
88 Section 5. Contingency. This appropriation is contingent upon a signed  
89 and executed agreement with DHS/FEMA.

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91 Section 6. Provision for Grants. This appropriation is for an estimated  
92 amount. The actual amount will be appropriated contingent, and based, upon the  
93 signed agreement. Any material differences, as determined by the Chief Financial  
94 Officer, will be communicated to the Assembly.

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96 Section 7. Effective Date. This ordinance is effective at 5:00 p.m. on the  
97 first Borough business day following its adoption.

98  
99 ADOPTED THE 24<sup>TH</sup> DAY OF OCTOBER 2019.

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107 \_\_\_\_\_  
108 Matt Cooper  
109 Presiding Officer

110 ATTEST:

111   
112 \_\_\_\_\_  
113 April Trickey, CMC  
114 Borough Clerk

115  
116 Yeses: Lyke, Williams, Lojewski, Quist, Wildridge, O'Neill, Tacke, Cooper

117 Noes: None

118 Other: Sanford (Excused)

FAIRBANKS NORTH STAR BOROUGH  
FISCAL NOTE

I. Request

Ordinance No: 2019-20-1G Date Introduced: October 10, 2019  
 Abbreviated Title: \$86,735 in Federal Grant Funding for the Tanana River Floodway Flood Study

II. Financial Detail

Department/Division Affected: Community Planning/Planning & Zoning

EXPENDITURES	Multi-Year	Special Revenue	Total	
	General Subfund	Projects Fund	FY 19/20	FY 19/20
Contribution to Capital Projects				
Contractual Services		78,850		
Indirect		7,885		
<b>Total</b>		<b>86,735</b>		

SOURCE OF FUNDING

Contribution from Fund Balance				
Federal Grants		86,735		
Contribution from General Fund				
<b>Total</b>		<b>86,735</b>		

Specify Funding Sources: U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA)

OTHER FUNDING (PREVIOUSLY APPROPRIATED)

Ord. No. 2015-20-1G	250,000			
Ord. No. 2016-20-1K		70,000		

III. Project Purpose:

To establish an accurate effective model for the Tanana River Floodway to complete the Tanana River/Salcha Flood Study and mapping

IV. Analysis of Future Liabilities and Funding Sources:

None

V. Fund Certification: I certify that funding sources are available as detailed in II above.

*Debra L R Brady*  
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 Debra L. R. Brady  
 Chief Financial Officer

*9/18/19*  
 \_\_\_\_\_  
 Date

KT	FA	SA
<i>me</i>	GLA	GA <i>SS</i>
<i>BN</i>	GA	SpA
	C	TBM <i>RM</i>