



# April 3, 2018 Ballot Proposition FACT SHEET

## Proposition #3 Anchorage Road & Drainage Service Area \$33,865,000

### **Projects**

1. 120 <sup>th</sup> Ave Upgrade – Johns Rd to Old Seward Hwy	\$400,000	21. Intersection Safety and Congestion Relief Annual Program	\$500,000
2. 27 <sup>th</sup> Ave Storm Drain Improvements – A St to C St	\$550,000	22. Jamestown Dr Area Drainage Improvements	\$1,800,000
3. 2 <sup>nd</sup> Ave/Nelchina St Area Storm Drain Improvements – Phase II	\$300,000	23. Juneau St/Karluk St Area Storm Drain Improvements – 16 <sup>th</sup> Ave to 20 <sup>th</sup> Ave	\$300,000
4. 36 <sup>th</sup> Ave Resurfacing – New Seward Hwy to Lake Otis Pkwy	\$300,000	24. Lakehurst Dr Area Drainage Improvements Phase III	\$200,000
5. 42 <sup>nd</sup> Ave Upgrade – Lake Otis Pkwy to Florina St	\$750,000	25. Loon Cove Area Drainage Improvements	\$1,350,000
6. 48 <sup>th</sup> Ave/Cordova St Reconstruction – Old Seward Hwy to International Airport Rd	\$500,000	26. Low Impact Development Annual Program	\$250,000
7. 82 <sup>nd</sup> Ave Storm Drain Replacement – west of Old Seward Hwy	\$2,100,000	27. Mountain View Dr/Bragaw St Surface Rehab – Taylor St to McCarrey St	\$200,000
8. ADA Improvements	\$500,000	28. Patterson St Bike Lanes – Debarr Rd to Chester Creek	\$300,000
9. Alaska Railroad Crossing Rehabilitation	\$300,000	29. Pedestrian Safety and Rehab Improvements Annual Program	\$1,000,000
10. Anchorage Signal System, Signage and Safety Improvements	\$250,000	30. Pleasant Valley Subdivision Area Road Reconstruction/Upgrade	\$3,400,000
11. ARDSA Alley Paving	\$300,000	31. Recycled Asphalt Pavement (RAP) and Subbase Rehabilitation	\$600,000
12. ARDSA Street Light Improvements	\$750,000	32. Reka Dr Southside Separated Pedestrian Facility and Storm Drain Replacement – Bragaw St to Pine St	\$200,000
13. Bugle Ct Area Drainage Improvements and Surface Rehabilitation	\$300,000	33. Relocation of Traffic Signal for Fire Station #3 (Bragaw St)	\$600,000
14. Campbell Woods Subd Area Road and Drainage Improvements	\$2,500,000	34. Road and Storm Drain Improvements Annual Program	\$1,000,000
15. Central Business District Infrastructure Upgrades	\$2,000,000	35. Signalization of the Tudor Road and MacInnes Street Intersection	\$225,000
16. Chester Creek Flooding – Lagoon to A St	\$300,000	36. Storm Drain Condition Assessment and Rehabilitation Program	\$1,000,000
17. East 73 <sup>rd</sup> Ave Area Drainage – West of Old Seward Hwy	\$150,000	37. Stormwater Sediment Treatment Facility	\$3,300,000
18. Flooding, Glaciation, and Drainage Annual Program	\$1,000,000	38. Traffic Calming and Safety Improvements	\$1,000,000
19. Image Dr/Reflection Dr Area Road Reconstruction	\$1,000,000	39. Westpark Stormwater Bypass Reconstruction	\$2,140,000
20. Intersection Resurfacing	\$100,000	40. Wonder Park Elementary School Area Street Lighting	\$150,000
		Total	\$33,865,000

### **Project Descriptions**

See attached list.

### **Costs Associated with Bond Approval**

Bond Principal Amount	\$33,865,000
Estimated Annual Cost of Debt Service	\$2,436,000
Annual Increased Operations and Maintenance Costs	\$866,000



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Estimated Annual Property Tax Increase for \$100,000 of Assessed Property Value:

To Retire Debt	\$8.66
Operations and Maintenance Costs	\$3.08

*This bond will be voted on and if approved, will first impact property taxes of those that reside in the Anchorage Road and Drainage Service Area. Property taxes for those that reside outside this Service Area should not be impacted.*

**For further information: Gary Jones, Capital Projects Coordinator, 343-8446**

*It is the expectation of the Municipality of Anchorage that the general obligation bonds proposed for April 3, 2018 will be used to make capital improvements to facilities in each service area noted. Information contained herein describes how MOA expects to use the bond proceeds. However, as project development progresses, changes in scope, project feasibility, phasing, timeline, or estimated costs may occur that result in acceleration, delay, or substitution of projects similar to those listed above.*

# **2018 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION**

- 1. 120<sup>th</sup> Ave Upgrade – Johns Rd to Old Seward Hwy:** This project will upgrade a collector route to current standards. Improvements are expected to include a new road base, storm drains with curb and gutter, street lighting, and pedestrian facilities. The project will address the potentially dangerous mix of vehicular and non-motorized traffic. The project is a high priority for area residents, the Old Seward/Oceanview community council, and the Municipality. This bond includes approximately \$400,000 for a design study report. Total project cost for the road improvements is estimated at \$8,400,000. Contact: Gary Jones at 343-8446. (CC: Old Seward/Oceanview, AD 6)
- 2. 27<sup>th</sup> Ave Storm Drain Improvements – A St to C St:** This project will slip line the existing pipe to extend its functional life. An emergency repair of an adjoining failed pipe section led to the discovery of the need to slip line this section before it fails. This project is a priority for Street Maintenance. The \$550,000 bond amount will allow for 2018 or 2019 construction. Total project cost is estimated at \$600,000. Contact: Dean Karcz at 561-6237. (CC: Midtown, AD 4)
- 3. 2<sup>nd</sup> Ave/Nelchina St Area Storm Drain Improvements:** This project will construct drainage improvements. These improvements are expected to include replacing or slip lining the storm drain pipe. The first phase of this project was completed in 2017 when a pipe section underneath a building was slip lined. The storm drain pipes in this area are nearing the end of their functional life and failure is imminent. This project is a priority for Street Maintenance. The \$300,000 bond amount will provide design funding. Total project cost is estimated at \$3,000,000. Contact: Todd Jacobson at 522-6776. (CC: Mountain View, AD 1)
- 4. 36<sup>th</sup> Ave Resurfacing – New Seward Hwy to Lake Otis Pkwy:** This project will resurface this minor arterial and bring all pedestrian facilities into ADA compliance. Deep ruts have formed and need to be addressed soon or safety may be negatively impacted. This project is a priority for Street Maintenance due to persistent pot holing. The \$300,000 bond amount will fund design. Construction is anticipated in 2020. Total project cost is estimated at \$2,300,000. Contact: Gary Jones at 343-8446. (CC: Rogers Park & Tudor Area, AD 4)
- 5. 42<sup>nd</sup> Ave Upgrade – Lake Otis Pkwy to Florina St:** This project will upgrade 42<sup>nd</sup> Avenue to current standards. The scope is expected to include a new road base, curb and gutter, street lighting, pedestrian facilities, traffic calming, and landscaping. The road serves a mix of high density residential and commercial residents. The existing road surface is deteriorating with inadequate drainage and substandard street lighting. This project has been the top priority of the University Community Council for nearly two decades. The \$750,000 bond amount will provide funding for a design study report. Total project cost is estimated at \$15,000,000. Contact: Gary Jones at 343-8446. (CC: University, AD 4)
- 6. 48<sup>th</sup> Ave/Cordova St Reconstruction – Old Seward Hwy to International Airport Rd:** This project will reconstruct some portions and upgrade other sections of these two collector streets to current standards. Improvements are expected to include a new road base, curb and gutter, pedestrian facilities as warranted by Title 21, street lighting, and landscaping. The existing road surface has deteriorated to the point safety may be impacted. Some sections of the road have never been built to standard. Upgrading these collector connections is a priority for the Municipality. This bond includes approximately \$500,000 for a design study report. The total estimated project cost is \$10,000,000. Contact: Gary Jones at 343-8446. (CC: Midtown, AD 4)

# **2018 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION**

7. **82<sup>nd</sup> Ave Storm Drain Replacement – west of Old Seward Hwy:** This project will replace the failed storm drain system in 82<sup>nd</sup> Avenue and eliminate the open ditch on the west end of the project. This section of 82<sup>nd</sup> Avenue frequently floods during high precipitation events and ponding exists for months during breakup. The flooding is a hazard to motorists and a threat to nearby businesses. This project is a priority for Street Maintenance and local businesses. The \$2,100,000 bond amount will fund construction in 2018 or 2019. Design was previously funded in the 2017 road bond. Total project cost is estimated at \$2,600,000. Contact: Duane Maney at 343-8221. (CC: Taku/Campbell, AD 4)
8. **ADA Improvements:** This project will construct miscellaneous ADA improvements that include installation of curb ramps. Many of Anchorage's sidewalks are not fully compliant with the Americans with Disabilities Act (ADA) guidelines for barrier-free access. This bond includes approximately \$500,000 for design and construction of many small projects throughout Anchorage. This is an annual program and a 2018 construction start is planned. Contact: Gary Jones at 343-8446. (CC & AD: ARDSA-wide)
9. **Alaska Railroad Crossing Rehabs:** This funding will reimburse the Alaska Railroad (ARR) for road and track rehabilitation work at railroad crossings on municipal routes. Municipal road crossings at several ARR locations are deteriorating and the Municipality is obligated by permit to pay for road crossing upgrades. This bond includes approximately \$300,000 for design and construction of crossings identified by the ARR. This is an annual program and a 2018 construction start is planned for the North C Street crossing. Contact: Gary Jones, 343-8446. (CC & AD: ARDSA-wide)
10. **Anchorage Signal System, Signage, and Safety Improvements:** This program reconstructs and upgrades the Anchorage traffic system within the Anchorage Roads and Drainage Service Area. This project is part of an annual program to construct priority improvements that will improve safety and traffic flow as identified by the Traffic Department through its annual review of traffic and crash data. Improvements may include replacing and/or upgrading signals, turning lanes and lights, signs, site assessment devices, traffic detection loops, and any other equipment needed to upgrade the system. Design and construction funding is proposed annually through road bonds. Because of age, many traffic signal and sign facilities in Anchorage have deteriorated to the point that replacement is required to keep the system operating. Upgrades, primarily related to technological advancements, are available to improve system efficiency and reduce annual operation and maintenance costs. This bond contains \$250,000 for these upgrades. Contact: Stephanie Mormilo, 343-8070. (CC & AD: ARDSA-wide)
11. **ARDSA Alley Paving:** This project will pave alleys located throughout the Anchorage Roads and Drainage Service Area. This is an annual program that will fund the paving of 10-12 alleys per year. There are approximately 500 unpaved alleys remaining within ARDSA. This project is a priority for Street Maintenance. The \$300,000 bond amount will allow for 2018 construction. Contact: Paul VanLandingham at 343-8372. (CC: ARDSA wide, AD All)
12. **ARDSA Street Light Improvements:** This project will construct new and/or replace existing street lights within ARDSA. Specific locations will be identified by the Street Maintenance and Traffic Departments. The Municipality has been systematically replacing the old, expensive to maintain, style street lights with the more economical LED lights as part of this program. The street lights in many neighborhoods do not meet current safety guidelines and this expense is not covered in the street maintenance budget. This is an annual

# 2018 ARDSA ROAD AND DRAINAGE BOND

## PROJECT INFORMATION

funding program. This bond includes approximately \$750,000 for installation and replacement. Contact: Alan Czajkowski, 343-8269. (CC & AD: ARDSA-wide)

13. **Bugle Ct Area Drainage Improvements and Surface Rehab:** This project will construct drainage improvements. These improvements are expected to include improving the ditches, replacing ineffective culverts, reshaping the roadway to reestablish drainage flow, and resurfacing the streets as needed. The project is a priority for the surrounding residents and Street Maintenance. The \$300,000 bond amount will allow for 2018/2019 construction of the second phase of the project. Total project cost is estimated at \$300,000. Contact: Paul VanLandingham at 343-8372. (CC: Abbott Loop, AD 4)
14. **Campbell Woods Subd Area Road and Drainage Improvements:** This project will reconstruct road and drainage improvements in this neighborhood. The first phase of this project is expected to include the replacement and upsizing of the current storm drain system and installing a subdrain system due to the high ground water in the area. Pavement and gutter will be replaced as needed. Ponding and glaciation are a constant battle for area residents. A history of frost heaving, deep cracks, and pot holes has been a constant challenge for Street Maintenance. Most of the neighborhood roads rated a Condition F on the 2017 GASB survey of street surface conditions in the Municipality. This project is a priority for the area residents and Street Maintenance. The \$2,500,000 bond amount will allow for right-of-way acquisition and the first phase of construction. Design was funded through prior year road bonds. Total project cost is estimated at \$18,000,000. Project construction will be phased with the first full phase planned for 2019. Contact: Todd Jacobson at 522-6776. (CC: Sand Lake, AD 3)
15. **Central Business District Infrastructure Upgrades:** This project will systematically upgrade the signals and lighting systems in the Downtown area by identifying the priority repairs that are needed and overhauling the electrical systems that support the signals and lighting. Previous bond funds have produced an inventory of the existing lighting/signals/electrical systems and their current condition. This effort has demonstrated that much of the infrastructure downtown has exceeded its life expectancy. Safety concerns are manifested in reduced lighting levels, poles that are beginning to lean, and wiring that is subject to shortage and other issues. Due to the very large scope and cost of the project, upgrade/replacement will be done in phases by priority. The project is a high priority for Municipality of Anchorage and business owners. This bond includes approximately \$2,000,000 to continue design and construct some high priority upgrades. The total project cost is estimated at \$89,000,000. Contact: Duane Maney at 343-8221. (CC: Downtown & AD: 1)
16. **Chester Creek Flooding – Lagoon to A St:** This project will construct improvements in the Chester Creek basin to address the flooding that has impacted adjacent property owners. Hydraulic modeling has been completed and alternative solutions are being developed to alleviate the flooding. This project is a priority for property owners along the creek. The \$300,000 bond amount will allow for the continuation of design. Construction is anticipated to begin in 2019. Contact: Russ Oswald at 343-8196. (CC: Fairview, North Star, South Addition, AD 1, 3)
17. **East 73<sup>rd</sup> Ave Area Drainage – West of Old Seward Hwy:** The project scope is expected to include drainage enhancements with a combination of improvements to ditches and the piped storm drain system. The streets will be resurfaced with some overlay and some full depth paving. Many of these neighborhood roads received the lowest possible rating, Condition F, in the 2017 GASB survey. The deterioration of the road surface and proliferation of pot holes have negatively impacted area residents and increased maintenance costs to the Municipality. This project is a priority for Street Maintenance. The \$150,000 bond

# 2018 ARDSA ROAD AND DRAINAGE BOND

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amount will allow for 2018 construction. Total project cost is estimated at \$150,000. Contact: Paul VanLandingham at 343-8372. (CC: Abbott Loop, AD 4)

18. **Flooding/Glaciation/Drainage Improvements:** This project will design and construct drainage projects throughout Anchorage. The goal is to improve safety and reduce operation and maintenance costs. Street Maintenance has identified many small drainage problems throughout the city. This funding would allow the Municipality to respond more quickly to the needs as they are identified. Some of the locations under consideration with this funding include but are not limited to: Crawford St, Four Seasons Mobile Home Park Area, Reka Dr, Spinnaker Dr, E 68<sup>th</sup> Ave and Greenwood Area, and W Northern Lights at the Alaska Railroad crossing. Design and construction funding is proposed annually. This bond includes approximately \$1,000,000 for design and construction. Contact: Gary Jones, 343-8446. (CC & AD: ARDSA-wide)
19. **Image Dr/Reflection Dr Area Road Reconstruction:** This project will replace the storm drain and reconstruct the local roads in this area. The storm drains in these roads were discovered to be at or near the point of failure. In addition, the creek running through the subdivision is higher than some of the storm drain system. The reverse flow is a threat to nearby properties. The 2017 GASB survey rated many of these road segments as Condition F. This bond includes approximately \$1,000,000 to complete design. The estimated total project cost is \$9.0 million. Design is underway having been funded with a combination of state grants and prior year bonds. 2019 construction is anticipated depending on funding availability. Contact: Russ Oswald, 343-8196. (CC: University, AD 5)
20. **Intersection Resurfacing:** This project will resurface many intersections throughout ARDSA. Due to the starting/stopping friction from vehicles, the road surfaces around intersections get worn down more quickly than the road surfaces between intersections. Intersections that have required repeated maintenance service are targeted. Over 100 locations throughout ARDSA have been repaired in the last three years of this program. This project is a priority for Street Maintenance. The \$100,000 bond amount will allow for 2018 construction. The project is an annual program. Contact: Paul VanLandingham at 343-8372. (CC & AD: ARDSA-wide)
21. **Intersection Safety and Congestion:** This annual program will construct congestion-relieving connections and intersection safety improvements. Project priorities will be established by the Traffic Engineering Section and Project Management and Engineering, with input from elected officials and the public. Improvements are expected to focus on fully funding intersection improvements at selected intersections along major arterial corridors. Funding is also applied to projects where the scope includes creating a new connection that enhances traffic circulation. Funding may also be allocated to traffic and pedestrian safety projects on collector streets and in local neighborhoods. This bond includes approximately \$500,000 for design and construction. Contact: Stephanie Mormilo, 343-8070. (CC & AD: ARDSA-wide)
22. **Jamestown Dr Area Drainage Improvements:** This project will replace or slip line sections of the storm drain in this area. A sinkhole formed in 2017 and an emergency repair was done. Specific segments will be upsized to eliminate pipe size discrepancies. This project is a priority for Street Maintenance and area residents. The \$1,800,000 bond amount will provide for construction funding, which is expected in late 2018 or 2019. Total project cost is estimated at \$2,300,000. Contact: Dean Karcz, 561-6237. (CC: Abbott Loop, AD: 6)

## **2018 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION**

- 23. Juneau St/Karluk St Area Storm Drain Improvements – 16<sup>th</sup> Ave to 20<sup>th</sup> Ave:** This project will slip line or replace the storm drain pipes under some sections of Juneau Street, Karluk Street, East 17<sup>th</sup> Avenue, and East 20<sup>th</sup> Avenue as well as some piping under back lots. A new oil and grit separator is anticipated at the Chester Creek outfall. The impacted streets will be resurfaced and curb repaired as needed. This project is a priority for Street Maintenance. The \$300,000 bond amount will provide for a 2018 design start. Construction is expected in 2019, depending on the availability of funding. Total project cost is estimated at \$1,600,000. Contact: Gary Jones, 343-8446. (CC: Fairview, AD: 1)
- 24. Lakehurst Dr Area Drainage Improvements Phase III:** This project will continue the installation of sub drain in the Lakehurst Subdivision area. The purpose of the project is to alleviate private property and roadway flooding due to the high water table throughout the entire subdivision. Phase I completed the tie in into the DOT system on Dimond Boulevard and paving of the main subdivision intersection. Phase II continued the sub drain further into the subdivision. Remaining phases will continue into the subdivision until the ground water is controlled. These improvements are expected to include improving the ditches, installing some sub drain, replacing ineffective culverts, reshaping the roadway to reestablish drainage flow, and resurfacing the streets as needed. The project is a priority for the surrounding residents and Street Maintenance. The \$200,000 bond amount will allow for 2019 construction of the third phase of the project. Total project cost is estimated at \$800,000. Contact: Paul VanLandingham at 343-8372. (CC: Sand Lake, AD 3)
- 25. Loon Cove Area Drainage Improvements:** This project will install storm drain pipe from 40<sup>th</sup> Avenue to Reflection Drive. The existing drainage system is inadequate resulting in flooding to private property. The project is a priority for the property owners. This bond includes approximately \$1,350,000 for construction. Design was funded with a combination of a state grant and road bonds. Construction is anticipated in late 2018 or early 2019. The total project cost is estimated to be \$1,700,000. Contact: Russ Oswald, 343-8196. (CC: University, AD: 5)
- 26. Low Impact Development Annual Program:** This project will be used to build storm sewer disconnects and drainage infrastructure using low impact development methods from which we will create design guidance for the community. Low Impact Development is a program of the APDES permit requiring the Municipality to perform demonstration projects which reduce the peaks and timings of storm flows into water bodies through the storm sewer system. This bond includes approximately \$250,000 to identify and construct infrastructure in 2018 and 2019. This is an annual program. Contact: Kristi Bischofberger. (CC & AD: ARDSA-wide)
- 27. Mountain View Dr/Bragaw St Surface Rehab – Taylor St to McCarrey St:** This project will resurface this minor arterial and bring all pedestrian facilities into ADA compliance. Deep ruts have formed and need to be addressed soon or safety may be negatively impacted. This project is a priority Street Maintenance. The \$200,000 bond amount will fund design. Construction is anticipated in 2019 depending on the availability of funding. Total project cost is estimated at \$1,500,000. Contact: Gary Jones at 343-8446. (CC: Mountain View, AD 1)
- 28. Patterson St Bike Lanes – Debarr Rd to Chester Creek:** This project will restripe Patterson Street to accommodate bike lanes. The project has been identified in the Anchorage Bicycle Plan. This bond includes approximately \$300,000 for design and construction. The total project cost is estimated at \$300,000. Contact: Gary Jones, 343-8446. (CC: Northeast, AD: 5)

# **2018 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION**

29. **Pedestrian Safety and Rehab Improvements:** This annual program funds pedestrian safety and rehab projects throughout Anchorage. Improvements include construction of "missing links" to the existing pedestrian facilities and rehabilitation of existing sidewalks and trails. Some of projects that may receive funding through this program include E 20<sup>th</sup> Avenue and Lower Ship Creek Connections. This bond includes approximately \$1,000,000 for design and construction. This project ranked high primarily because of the deteriorating condition of pedestrian facilities and the need to provide non-motorized connections.. Contact: Russ Oswald, 343-8196. (CC& AD: ARDSA-wide)
30. **Pleasant Valley Subdivision Area Road Reconstruction/Upgrade:** This project will upgrade the local roads in this area to current municipal standards. Improvements are expected to include a new road base, pavement, storm drains with curb and gutter, street lights, and pedestrian facilities if warranted. Most of these local roads were rated Condition F in the 2017 GASB survey. This project is a priority for area residents, the Scenic Foothills Community Council, and Street Maintenance. Construction is planned in phases, and this bond includes approximately \$3,400,000 for the first phase of construction, which is expected to begin in 2018. Design is underway and was funded with a state grant. The total project cost is estimated at \$15,000,000. Contact: Dean Karcz, 561-6237. (CC: Scenic Foothills, AD: 5)
31. **Recycled Asphalt Pavement (RAP) and Sub-base Rehabilitation:** This program resurfaces ten to fifteen miles of streets annually with recycled asphalt pavement (RAP). Improvements also include grading, ditching, chip seal surfacing, and reclaiming. This is a continuing annual program. There are many roads in ARDSA that are in need of a surface treatment to preserve the underlying road base, and it is far more cost effective than full reconstruction. The benefits of this program include quick installation time and reduced maintenance costs. This bond includes approximately \$600,000 for construction. This project ranked high primarily because of the deteriorating condition of local road surfaces throughout ARDSA. Construction will continue in 2018. Contact: Paul VanLandingham, 343-8372. (CC& AD: ARDSA-wide)
32. **Reka Dr Southside Separated Pedestrian Facility and Storm Drain Replacement – Bragaw St to Pine St:** This project will construct a separated pedestrian facility on the south side of Reka Drive. The project will also replace the existing storm drain. An emergency storm drain fix was done for a section of the pipe in 2016 at which time it was discovered the entire section of pipe from Bragaw to Pine needed to be replaced. This project is a priority for Street Maintenance. The \$200,000 bond amount will complete design. Total project cost is estimated at \$3,400,000. Construction is planned for 2019, depending on the availability of funding. Contact: Russ Oswald at 343-8196. (CC: Russian Jack, AD: 5)
33. **Relocation of Traffic Signal for Fire Station #3 (Bragaw St):** This project will remove the existing signal on Airport Heights Drive and construct a new traffic signal to serve the relocated Fire Station #3 on Bragaw Street. The \$600,000 bond amount is for design and construction. Contact: Stephanie Mormilo, 343-8070. (CC: Mountain View, AD 1)
34. **Road and Storm Drain Program:** This program funds road and drainage and replacement projects throughout the Anchorage Roads and Drainage Service Area (ARDSA). Project priorities are established in a collaborative process with Street Maintenance, Traffic, and Project Management & Engineering. Input from elected officials, community councils, and the public has and will continue to be pursued in selecting projects for funding through this program. The deterioration of pavement of local, collector, and arterial streets has outpaced funding for repair. The surface conditions are typically the result of an inadequate or failing



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## PROJECT INFORMATION

drainage system. Therefore, road surface improvements usually require drainage improvements as well. The Municipality has substantially increased its funding commitment, but additional funding is needed. Funding will also be used on community and street maintenance priorities on both major and local roads. Some of the locations under consideration for this funding include 15<sup>th</sup> Ave – Minnesota Dr to Gambell St, Commercial Dr - 3rd Ave to Mountain View Dr, Lake Otis Pkwy – Abbott Rd to Huffman Rd, Providence Dr – Lake Otis Pkwy to Elmore Rd, Tudor Centre/Diplomacy Dr, 11<sup>th</sup> and 12<sup>th</sup> Ave east of Valley, Gilmore and Prosperity Estates Subdivision areas, and neighborhood streets Areawide as in the past. This bond includes approximately \$1,000,000 for design and construction. Construction is expected to occur in 2018/2019. Contact: Gary Jones, 343-8446. (CC & AD: ARDSA-wide)

35. **Signalization of the Tudor Road/MacInnes Street Intersection:** This project will construct a traffic signal at the intersection of Tudor Road and MacInnes Street. The heavy volume of traffic on Tudor Road make turning movements from MacInnes to Tudor very difficult for much of the day. The \$225,000 bond amount is for a design study report and traffic analysis. Contact: Stephanie Mormilo, 343-8070. (CC: Tudor Area, AD 4)
36. **Storm Drain Condition Assessment and Rehabilitation Program:** This project will investigate/assess the condition of the Anchorage Roads and Drainage Service Area (ARDSA) storm drain systems and rehabilitate those system segments as the needs are identified and prioritized. There are approximately 2,213,000 linear feet of underground storm drain pipe in the Anchorage Road and Drainage Service Area. Metal pipe was primarily used prior to 1990. Much of the storm drain pipe that Anchorage has in the ground today is now deteriorated to the extent that in some instances it has completely vanished. Obviously these system failures impact the public in many ways. Primary impacts include health & safety consequences and property damage through flooding. This bond includes approximately \$1,000,000 for assessment and rehabilitation work to be performed in 2018 and 2019. This is an annual program. Contact: Glenda Radvansky, 343-8123. (CC & AD: ARDSA-wide)
37. **Stormwater Sediment Treatment Facility:** This project will construct a facility to treat sediment retrieved from locations throughout the Municipality's stormwater drainage system. This project is a priority for Street Maintenance. This bond includes approximately \$3,300,000 for construction, which is anticipated to begin in 2019. Design is underway and was funded with prior year bond funds. The total project cost is estimated at \$7,300,000. Contact: Duane Maney, 343-8221. (CC & AD: ARDSA-wide)
38. **Traffic Calming and Safety Improvements:** This program evaluates the implementation of the traffic calming program and safety improvements throughout the Anchorage Roads and Drainage Service Area (ARDSA). Specific improvements will be identified and prioritized by the Traffic Department in conjunction with public involvement. Design and construction funding is proposed annually. On many neighborhood and collector roads, vehicles are driven above posted speeds which can create unsafe situations. Traffic calming measures are typically used to slow traffic. This bond includes approximately \$1,000,000 for project management, design, and construction of improvements. Contact: Stephanie Mormilo, 343-8070. (CC & AD: Areawide)
39. **Westpark Stormwater Bypass Reconstruction:** This project will construct a storm drain in the Westpark Subdivision. The existing system has proven insufficient at handling the volume of runoff from the development resulting in flooding to some properties. The project is a high priority for area residents. This bond includes approximately \$2,140,000 for design and construction. The total project cost is estimated at \$2,140,000. Contact: Kent Kohlhase, 343-8159. (CC: Sand Lake, AD: 3)

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40. **Wonder Park Elementary School Area Street Lighting:** This project will install LED street lights along 4<sup>th</sup> Avenue near Wonder Park Elementary School. This project is a priority for the surrounding residents and Street Maintenance. The \$150,000 bond amount will allow for 2018 construction. Total project cost is estimated at \$150,000. Contact: Kathy Bourque Parker, 343-8242. (CC: Russian Jack, AD 5)