



April 7, 2020 Ballot Proposition FACT SHEET

Proposition #3 Anchorage Road & Drainage Service Area \$43,000,000

Projects

1. 2 nd Ave/Nelchina St Area Storm Drain Improvements Phase II	\$400,000	19. Lakehurst Dr Area Drainage Improvements Phase IV	\$200,000
2. 36 th Ave Resurfacing – Old Seward Hwy to Lake Otis Pkwy	\$3,000,000	20. Lore Rd Traffic Calming – Sandlewood Pl to Lake Otis Pkwy	\$300,000
3. 88 th Ave Surface Rehab – Abbott Rd to Lake Otis Pkwy	\$500,000	21. Low Impact Development Annual Program	\$250,000
4. Academy Dr/Vanguard Dr Area Traffic Circulation Impr – Brayton Dr to Abbott Rd	\$1,500,000	22. Northern Lights Blvd at Chester Creek Crossing Culvert Replacement	\$6,700,000
5. ADA Improvements	\$500,000	23. Old Seward Hwy Surface Rehab – Tudor Rd to International Airport Rd	\$2,000,000
6. Alaska Railroad Crossing Rehabilitation	\$250,000	24. Pedestrian Safety and Rehab Improvements Annual Program	\$1,000,000
7. Anchorage Signal System, Signage and Safety Improvements	\$500,000	25. Pleasant Valley Subdivision Area Road and Drainage Rehab	\$3,500,000
8. ARDSA Alley Paving	\$300,000	26. Recycled Asphalt Pavement (RAP) and Subbase Rehabilitation	\$1,000,000
9. ARDSA Street Light Improvements	\$500,000	27. Road and Storm Drain Improvements Annual Program	\$1,000,000
10. Boundary Ave Surface Rehab – Oklahoma St to Muldoon Rd	\$500,000	28. Sound Barrier/Retaining Wall Replacement	\$250,000
11. Chester Creek Flooding – Lagoon to A St	\$1,700,000	29. Sperstad Subdivision Area Road Reconstruction	\$500,000
12. Commercial Dr Surface Rehab – Post Rd to Mountain View Dr	\$4,000,000	30. Storm Drain Condition Assessment and Rehabilitation Program	\$1,000,000
13. Downtown Lighting and Signals Upgrades	\$1,500,000	31. Tasha Dr Reconstruction	\$500,000
14. Flooding, Glaciation, and Drainage Annual Program	\$1,000,000	32. Traffic Calming and Safety Improvements	\$500,000
15. Greenbelt Dr Reconstruction	\$500,000	33. W 32 nd and E 33 rd Ave Upgrades – Spenard Rd to Old Seward Hwy	\$2,500,000
16. Image Dr/Reflection Dr Area Road Reconstruction	\$3,500,000	34. West Anchorage Snow Disposal Site	\$700,000
17. Intersection Resurfacing	\$150,000	35. Zodiac Manor Subdivision Area Surface Rehab Phase 1	\$300,000
18. Lake Otis Pkwy Surface Rehab – Abbott Rd to Huffman Rd	\$500,000		
		Total	\$43,000,000

Project Descriptions

See attached list.

Costs Associated with Bond Approval

Bond Principal Amount	\$43,000,000
Estimated Annual Cost of Debt Service	\$3,305,674
Annual Increased Operations and Maintenance Costs	\$313,000



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

To Retire Debt	\$12.19
Operations and Maintenance Costs	\$1.15

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 7, 2020 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.

2020 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION

1. **2nd Ave/Nelchina St Area Storm Drain Improvements Phase II:** This project will replace or slip line the storm drain. The existing storm drain is in a state of imminent failure. The project is a high priority for Street Maintenance. This bond includes approximately \$400,000 to begin design. Total project cost is estimated at \$2,500,000. Contact: Todd Jacobson at 522-6776. (CC: Mountainview, AD 1)
2. **36th Ave Surface Rehab – Old New Seward Hwy to Lake Otis Pkwy:** This project will resurface the minor arterial and upgrade the traffic signal at the Old Seward Highway and 36th Avenue intersection. In addition, pedestrian facilities will be updated to current ADA standards. The top layer of pavement has eroded leaving ruts that are potentially hazardous. The project is a high priority for Street Maintenance. This bond includes approximately \$3,000,000, which will fund the first phase of construction anticipated to begin in 2020. Total project cost for the road improvements of the segment from the New Seward Highway to Latouche Street is estimated at \$3,500,000. Contact: Russ Oswald at 343-8196. (CC: Rosas Park, Tudor Area)
3. **88th Ave Surface Rehab – Abbott Rd to Lake Otis Pkwy:** This project will resurface the collector. In addition, pedestrian facilities will be updated to current ADA standards. The top layer of pavement has eroded creating potholes that are potentially hazardous. The project is a high priority for Street Maintenance. This bond includes approximately \$500,000 for design. Total project cost for the road improvements is estimated at \$1,500,000. Contact: Gary Jones at 343-8446. (CC: Abbott Loop, AD 6)
4. **Academy Dr/Vanguard Dr Area Traffic Circulation Improvements – Brayton Dr to Abbott Rd:** This project will construct a minor arterial. Improvements are expected to include a new road base, curb and gutter, streetlights, sidewalks and/or paved trails, intersection signalization, and traffic calming. The Alaska DOT will be constructing an underpass under the Seward Highway at Academy Drive. The Muni project will provide a route for the increased traffic flow to connect to Abbott Road. The \$1,500,000 bond amount will be used to acquire right-of-way essential to the new connection. Total project cost is estimated at \$25,500,000. Contact: Russ Oswald at 343-8196. (CC: Abbott Loop, AD 4)
5. **ADA Improvements:** This project will construct miscellaneous ADA improvements that include installation of curb ramps. Many of Anchorage's sidewalks and crosswalks 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 2020 construction start is planned. Contact: Russ Oswald at 343-8196. (CC & AD: ARDSA-wide)
6. **Alaska Railroad Crossing Rehabs:** This funding will reimburse the Alaska Railroad (ARR) for rehabilitation work at 11 railroad crossing on municipal routes. The Alaska Railroad has battery backup systems at several locations owned by the Municipality of Anchorage that have reached the end of their useful life. The battery banks at these locations must be replaced in order to ensure crossing equipment functions properly during commercial power outages. The Municipality is obligated by permit to pay for road crossing upgrades. This bond includes approximately \$250,000 for battery replacement at the crossings, which is expected to occur in 2020/2021. This is an annual program. Contact: Gary Jones, 343-8446. (CC & AD: ARDSA-wide)

2020 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION

7. **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 Engineering 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 are 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 \$500,000 for these upgrades. Contact: Stephanie Mormilo, 343-8070. (CC & AD: ARDSA-wide)
8. **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 300 unpaved alleys remaining within ARDSA. This project is a priority for Street Maintenance. The \$300,000 bond amount will provide for 2020 construction. Contact: Paul VanLandingham at 343-8372. (CC & AD: ARDSA-wide)
9. **ARDSA Street Light Improvements:** This project will construct new and/or replace existing streetlights 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 streetlights with the more economical LED lights as part of this program. The streetlights in many neighborhoods do not meet current safety guidelines and this expense is not covered in the street maintenance budget. This is an annual funding program. This bond includes approximately \$500,000 for installation and replacement. Contact: Alan Czajkowski, 343-8269. (CC & AD: ARDSA-wide)
10. **Boundary Ave Surface Rehab – Oklahoma St to Muldoon Rd:** This project will resurface the collector. In addition, pedestrian facilities will be updated to current ADA standards. The top layer of pavement has eroded leaving ruts that are potentially hazardous. The project is a high priority for Street Maintenance. This bond includes approximately \$500,000, which will fund the design start. Total project cost for the road improvements is estimated at \$2,000,000. Contact: Russ Oswald at 343-8196. (CC: Northeast, AD 5)
11. **Chester Creek Flooding – Lagoon to A St:** This project will install a large culvert under Arctic Boulevard. Drainage analysis has shown that installing a culvert is the most economical way to alleviate the flooding concerns. In prior years flooding has occurred in the Chester Creek floodplain and negatively impacted adjacent properties. This project is a priority for the area residents and Street Maintenance. The \$1,700,000 bond amount will allow for a 2020 construction start. Total project cost is estimated at \$3,200,000. The project has been designed, which was funded with prior year bonds. Contact: Russ Oswald at 343-8196. (CC: North Star & South Addition, AD 1 & 3)
12. **Commercial Dr Surface Rehabilitation – Post Rd to Mountain View Dr:** This project will resurface this minor arterial and bring 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 extensive maintenance attention and associated costs. The \$4,000,000 bond amount will allow for a 2020 construction. Contact: Russ Oswald at 343-8196. (CC: Mountain View, AD 1)

2020 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION

13. **Downtown Lighting and Signals Upgrade:** The project will replace and upgrade the signals, street lighting, and all related electrical components on the A Street to Cordova Street segment of 4th Avenue. Previous bond funds have produced an inventory of the existing lighting/signals/electrical systems and their current condition for the entire downtown area. 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. This project is the highest priority from that study effort. This bond includes approximately \$1,500,000 for 2020 construction. Funding for additional priorities is anticipated in future bond packages. The total project cost is estimated in excess of \$100,000,000. Contact: Melinda Tsu at 343-8110. (CC: Downtown & AD: 1)
14. **Flooding, Glaciation, and Drainage Annual Program:** 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. Design and construction funding are proposed annually. This bond includes approximately \$1,000,000 for design and construction. Contact: Gary Jones, 343-8446. (CC & AD: ARDSA-wide)
15. **Greenbelt Dr Reconstruction:** This project will reconstruct this local road south of 88th Avenue. The road is plagued by frost heaving and curb jacking. The project is a priority for Street Maintenance and residents. This bond includes approximately \$500,000 for design. The year of construction will depend on the availability of funding. The total project cost is estimated to be \$3,500,000. Contact: Gary Jones, 343-8446. (CC: Sand Lake, AD: 3)
16. **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. MOA's 2017 Pavement Condition Survey rated many of these road segments as Condition F-the worst designation. This bond includes approximately \$3,500,000 for the first phase of construction. The estimated total project cost is \$18.6 million. Design is underway having been funded with a combination of state grants and prior year bonds. Construction is anticipated to begin in 2020. Contact: Russ Oswald, 343-8196. (CC: University, AD 5)
17. **Intersection Resurfacing:** This project will resurface many intersections throughout ARDSA. Due to the starting/stopping friction from vehicles, the road surfaces around intersections are prone to wear 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 \$150,000 bond amount will allow for 2020 construction. The project is an annual program. Contact: Paul VanLandingham at 343-8372. (CC & AD: ARDSA-wide)
18. **Lake Otis Pkwy Surface Rehabilitation – Abbott Rd to Huffman Rd:** This project will resurface this minor arterial and bring pedestrian facilities into ADA compliance. The top layer of pavement has eroded away in many places and needs to be addressed soon or safety may be negatively impacted. This project is a priority for Street Maintenance due to extensive maintenance attention. The \$500,000 bond amount will provide for a

2020 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION

design start. Total project cost is estimated at \$8,500,000. Contact: Gary Jones at 343-8446. (CC: Abbott Loop & Huffman/O'Malley, AD 6)

19. **Lakehurst Dr Area Drainage Improvements Phase IV:** 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. Phases II and III 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 continued construction in 2020. Contact: Paul VanLandingham at 343-8372. (CC: Sand Lake, AD 3)
20. **Lore Rd Traffic Calming –Sandlewood PI to Lake Otis Pkwy:** This section of Lore Road has been identified as a high-priority need area for traffic calming. The \$300,000 bond amount will provide for a design study report (DSR). The DSR will determine the most effective traffic calming features by doing a thorough traffic analysis and accepting input from concerned citizens. The total project cost will be determined once the recommended alternative has been decided. This project is a priority for the surrounding residents and the Traffic Engineering Department. Contact: Stephanie Mormilo, 343-8070. (CC: Abbott Loop, AD 4)
21. **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 2020 and 2021. This is an annual program. Contact: Kristi Bischofberger, 343-8058. (CC & AD: ARDSA-wide)
22. **Northern Lights Blvd at Chester Creek Crossing Culvert Replacement:** The project will replace the Chester Creek culverts at East Northern Lights Boulevard. The December 2019 collapse of a section of storm drain pipe that carries the south fork of Chester Creek created an emergency need to replace the remainder of the pipe with a permanent solution. The project is a priority for Project Management & Engineering and Street Maintenance. The \$6,700,000 bond amount will allow for 2020 construction. Total project cost is estimated at \$8,000,000, including what has already been spent on the temporary fix. Design is underway. Contact: Russ Oswald at 343-8196. (CC: Airport Heights, Rogers Park, University Area, AD 4)
23. **Old Seward Hwy Surface Rehab – Tudor Rd to International Airport Rd:** The project will resurface this major 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 due to extensive maintenance attention. The \$2,000,000 bond amount will fund a 2020 construction bid. Total project cost is estimated at \$2,500,000. Contact: Russ Oswald at 343-8196. (CC: Midtown, AD 4)
24. **Pedestrian Safety and Rehab Improvements Annual Program:** 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. This bond includes approximately \$1,000,000 for design and construction. This project ranked high primarily because of the

2020 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION

deteriorating condition of pedestrian facilities and the need to provide non-motorized connections. Contact: Russ Oswald, 343-8196. (CC& AD: ARDSA-wide)

25. **Pleasant Valley Subdivision Area Road and Drainage Rehabilitation:** 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, streetlights, and pedestrian facilities if warranted. Most of these local roads were rated Condition F in the MOA's 2017 Pavement Condition 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 \$3,500,000 for the second phase of construction, which is expected to begin in 2020. Design is underway and was funded with a combination of local road bonds and a state grant. The total project cost is estimated at \$15,000,000. Contact: Russ Oswald, 343-8196. (CC: Scenic Foothills, AD: 5)
26. **Recycled Asphalt Pavement 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 construction time and reduced maintenance costs. This bond includes approximately \$1,000,000 for construction. This project ranked high primarily because of the deteriorating condition of local road surfaces throughout ARDSA. Construction will continue in 2020. Contact: Paul VanLandingham, 343-8372. (CC& AD: ARDSA-wide)
27. **Road and Storm Drain Improvements Annual 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 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. This bond includes approximately \$1,000,000 for design and construction. Construction is expected to occur in 2020/2021. Contact: Gary Jones, 343-8446. (CC & AD: ARDSA-wide)
28. **Sound Barrier/Retaining Wall Replacement:** This project will replace sound barrier, retaining walls, and other types of fencing located throughout the Anchorage Roads and Drainage Service Area. This is an annual program. Some of the infrastructure along the edges of municipal rights-of-way is falling or otherwise deteriorating to the point of becoming ineffective at best and a safety hazard at worst. This project is a priority for Street Maintenance. The \$250,000 bond amount will allow for 2020 construction. Contact: Paul VanLandingham at 343-8372. (CC & AD: ARDSA-wide)
29. **Sperstad Subdivision Area Road Reconstruction:** The project will reconstruct 57th and 58th Avenues and the southern end of Cope Street. These roads have exceeded their life expectancy and are in need of reconstruction as evidenced by major frost heaving, curb jacking and atrocious pavement condition. \$500,000 will provide for a design start. Construction funding will be pursued in future years. The total project cost is estimated to be \$4,500,000. Contact: Gary Jones at 343-8446. (CC: Taku/Campbell, AD 3)

2020 ARDSA ROAD AND DRAINAGE BOND PROJECT INFORMATION

30. **Storm Drain Condition Assessment and Rehabilitation Program:** This project will investigate and determine 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 drainpipe in the Anchorage Road and Drainage Service Area. Metal pipe was primarily used prior to 1990. Much of the storm drainpipe 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 2020 and 2021. This is an annual program. Contact: Melinda Tsu, 343-8110. (CC & AD: ARDSA-wide)
31. **Tasha Dr Reconstruction:** The project will reconstruct this local road. This road has exceeded its life expectancy and needs reconstruction as evidenced by frost heaving, curb jacking and bad pavement condition. The project is a priority for area residents and street maintenance. \$500,000 will provide for a design start. Construction funding will be pursued in future years. The total project cost is estimated to be \$3,500,000. Contact: Gary Jones at 343-8446. (CC: Sand Lake, AD 3)
32. **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 Engineering Department in conjunction with public involvement. Design and construction funding are 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 \$500,000 for project management, design, and construction of improvements. Contact: Stephanie Mormilo, 343-8070. (CC & AD: ARDSA-wide)
33. **W 32nd and E 33rd Ave Upgrades – Spenard Rd to Old Seward Hwy:** The project will upgrade these collector streets to include a new road base, curb and gutter, storm drains, improved street lighting, bicycle and pedestrian facilities, and landscaping. The first phase, scheduled to bid in 2020, will create a non-motorized connection between Arctic Boulevard and Spenard Road. In addition, W 30th Avenue, which is a local road, will be upgraded. West 32nd and East 33rd Avenues serves as the major non-motorized east/west connection in Midtown Anchorage. The \$2,500,000 bond amount will fund construction of a portion of the first phase. Total project cost on all four phases is estimated at \$25,000,000. Contact: Melinda Tsu, 343-8110. (CC: University, AD 5)
34. **West Anchorage Snow Disposal Site:** The project will design and construct a snow disposal site to serve the west side of Anchorage. The Municipality needs a new location for snow storage as the previous west Anchorage location is on property not owned by the Municipality. Hauling snow over longer distances increases costs and the length of time to complete removal after a snow event. The \$700,000 bond amount will fund the design for the snow storage site. The site selection process is currently underway. Total project cost will be determined during the design study phase, which is under contract. Contact: Melinda Tsu, 343-8110. (CC: Sand Lake, AD 3)
35. **Zodiac Manor Subdivision Area Surface Rehab Phase 1:** This project will resurface the streets in Zodiac Manor Subdivision. 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 2020/2021 construction of the first phase of the project. Contact: Paul VanLandingham at 343-8372. (CC: Abbott Loop, AD 4)