



Memorandum

August 30, 2017

To: Steve Giesbrecht, Borough Manager
CC: Karl Hagerman, Public Works Director
From: Chris Cotta, Assistant Public Works Director
Re: Asphalt Crushing & Stockpiling Services

Public Works has been accepting asphalt waste at the quarry for many years. Although not good for much in lump form, the thought has always been that we would crush up the material and turn it into a usable recycled asphalt product. This can be used on gravel roads as surface course material. It binds together well and is more durable than regular gravel surfacing. With the recent DOT road projects generating large amounts of asphalt waste, the pile of material at the quarry has grown pretty large and the amount of material (once properly crushed) would be sufficient to resurface several local streets.

To process the material properly requires an impact-type rock crusher, which is a type of crusher that local rock suppliers Reid Brothers and Rock-N-Road both possess. One of the significant costs of utilizing either of these crushers is the mobilization and demobilization cost to get the crusher to the quarry where the material is located, set it up, and then take it back apart and relocate after the job is done. It represents probably \$15-20K of cost. However, it so happens that both Reids and Rock-N-Road are in the process of relocating their respective crushers. Realizing that this would represent a large savings in mob/demob costs if the Borough could take advantage of the crushers being mobilized, we put together an RFP for asphalt crushing and stockpiling services and sent it to both subject contractors for consideration. The RFP requested a cost and schedule for crushing and stockpiling 4000 tons of asphalt waste into 1" minus material, no later than November 30, 2017.

Both Reid Brothers and Rock-N-Road submitted proposals and the numbers were very close. Reid Brothers cost was \$42,940 and Rock-N-Road came in at \$42,360. Rock-N-Road however was not able to meet the deadline in the RFP and instead proposed an April 2018 completion date. Reid Brothers proposed a completion date no later than September 30, 2017. Also, for any amount over 4000 tons, Reid Brothers price was \$8.80/ton while Rock-N-Road was at \$10.59/ton. Taking these things into consideration, Public Works recommends award to Reid Brothers.

Although the crushing and stockpiling services above were not part of the Public Works Streets FY2018 budget request, the opportunity to save \$8-10K in mob costs is really something we didn't want to pass up. There is adequate money in Fund 250 (Streets and Roads) at present to cover the full cost of the proposed contract, however only \$9,081 was budgeted for expenditure in FY18. There are adequate funds in the Streets operating budget to cover the project if need be. However our plan at this point is

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to fund the project with a supplemental budget request to use existing funds in Streets and Roads Fund 250. If the supplemental budget request should fail to pass, we can cover the project expense through the operating budget, although we would have to make some cuts to planned expenditures. Either way, the project would be paid for without requiring additional input of funds from other sources. The material generated by the project would allow us to resurface several high priority streets with a better grade of surface course than regular gravel.

For the reasons outlined above, Public Works recommends award of the Asphalt Crushing and Stockpiling RFP to Reid Brothers in the amount of \$42,940. If you agree with this recommendation, please forward it to the Borough Assembly for consideration at their next regular meeting on September 5, 2017. Thank you.