2020 Bridge Capital Project Summary

Greater Grand Sudbury

2019-2027 Strategic Plan Priorities



ENG19-57 Vermilion River Bridge MR55 (Structure ID #1007) Rehabilitation

Value = Value: $7,000,000.00

Scope: Major rehabilitation on 4-span bridge, approximately 90m long. Rehabilitation included replacement of girders with bearings, full reinforced concrete deck replacement, bridge traffic barrier replacement, 300mm diameter water main replacement (suspended beneath bridge deck), concrete repairs on abutment, concrete repairs on piers (included underwater concrete repairs). Steel beam guide rail upgrades are included in the bridge approach work





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ENG20-50 Coniston Creek Pedestrian Bridge (Structure ID #5029) Replacement

Value = $480,000

Scope: Replaced pedestrian bridge and abutments, along with embankment protection and approach trail resurfacing.





ENG20-51 High Falls Road Bridge (Structure ID #1004) Replacement

Value = $3,5000,000

Scope: Replaced 3-span concrete slab on girder bridge with single span concrete slab on girder bridge. Additionally, approach work included drainage improvements and upgrading steel beam guide rail system.





ENG20-52 Martindale Road Culvert (Structure ID #1532) Rehabilitation

Value = $1,100,000

Scope: Concrete rehabilitation of culvert along with retaining wall stabilization, culvert deck waterproofing and steel beam guide rail upgrades.





ENG20-53 Spanish River Road Bridge (Structure ID #1000) Replacement

Value = $1,650,000

Scope: Replaced modular bridge with new wider modular bridge. Approach work included clearing and grubbing drainage improvements, and steel beam guide rail upgrades.





ENG20-55 Ironside Lake Road Bridge (Structure ID #4005) Replacement

Value = $2,520,000

Scope: Replaced modular bridge with new wider modular bridge. Approach work included west approach grade adjustment, drainage improvements, and steel beam guide rail upgrades.





ENG20-56 Old Soo Road Bridge (Structure ID #1009) Replacement

Value = $1,060,000

Scope: Replaced concrete rigid frame bridge with precast open footing culvert. Approach work included steel beam guide rail upgrades and embankment stabilization.





ENG20-58 Moose Mountain Mine Road Bridge (Structure ID #4001) Replacement

Value = $1,740,000

Scope: Replaced modular bridge with new wider modular bridge. Approach work included drainage improvements, and steel beam guide rail upgrades.





2020 Bridge Program Highlights

-Rehabilitated 2 bridges

-Replaced 6 bridges

-Load restricted bridges reduced from 7 to 2

-Total value of projects = $19,050,000

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