Sample Cost Savings of Microsurfacing vs Mill and Pave (Using FY21 Quantities):

Typical City Lane mile - 10' wide x 5280' Long = 5,867 sy

Cost to Double Micro Surface one lane mile using piggyback contract:

Double Micro surfacing cost: $4.30 if over 50,000 sy
Double Micro surfacing cost per lane mile :
$4.30/sy x 5,867 sy/lane mile = $25,228.10

Total cost : $25,228.10/lane mile

***Cost to Mill and Pave 1" of asphalt per lane mile of roadway with current TRIP contract:**

Asphalt cost: $120.00 per Ton
Tons of asphalt = 5,867 sy X 107 lb/yd2 / 2000 = 313.88 Tons
Tons needed to pave one lane mile @ 1" - 314 Tons
Asphalt cost per lane mile = $120/ton x 314 tons = $37,680.00
1" Mill cost: $2.88 per sy
Mill cost per lane mile = 5,867 sy X $2.88/sy = $16,896.96

Total cost : $54,576.96

Lane Miles Microsurfaced FY21 = 22.67	
Total Cost of Microsurfacing = 22.67 lane mile x $25,228.10/lane mile =	**$ 571,921.03**
Equivalent Mill and Pave Cost = 22.67 lane mile x $54,576.96/lane mile =	**$ 1,237,259.68**
Potential Cost Savings = $1,237,259.68 - $571,921.03 =	**$ 665,338.66**
FY21 microsurfaced to be repaired by Mill & Pave = 0.91 lane miles	
Repair Mill and Pave Cost = 0.91 lane mile x $54,576.96/lane mile =	**$ 49,665.03**
Realized Savings/Cost Avoidance = $665,338.66 - $49,665.03 =	**$ 615,673.62**

*Note: Costs do not include valve and manhole adjustment costs which will be additional costs incurred