

Residential Asphalt Overlay Program
RFP 24-024
Liquidated Damages Calculations

Labor	Hours	Total	Hourly Rate
Equipment Operator	8	\$ 224.88	\$ 28.11
MW II	8	\$ 136.72	\$ 17.09
Crew Leader	8	\$ 175.76	\$ 21.97
MW II	8	\$ 114.00	\$ 16.76
Total		\$ 651.36	

Ave. Labor Rate: \$ 20.98

Equipment	Hours	Total	Hourly Rate
Dump Truck	8	\$ 636.96	\$ 79.62
2018 Roller	8	\$ 229.76	\$ 28.72
Pothole Patcher	8	\$ 461.60	\$ 57.70
Total		\$ 1,328.32	

Ave. Equipment Rate: \$ 55.35

Material	Qty	Unit	Cost
Hot Mix	800	SF	\$ 1,862.00
Flex Base	12	CY	\$ 250.44
Total			\$ 2,112.44

LIQUIDATED DAMAGES ASSESSMENT:
The parties agree that the liquidated damages calculated herein for the project listed below is a fair and reasonable estimate of the damages the Owner will sustain each day by the failure of the Contractor to complete the work on time. This calculation of estimated daily rate for liquidated damages is not to be construed as a penalty in any way. This calculation shall be incorporated into the Agreement.

PROJECT DESCRIPTION:

City Project No. SM2401
Description: Asphalt Overlay Preventive Street Maintenance
Start Date: Summer 2024
Anticipated Completion Date: Winter 2025
Amount of the Project: \$1,452,510.00

ACCEPTED AND AGREED:

Owner/City of North Richland Hills: _____
Contractor: *Parsons Public Works*
By: *Eric Johnson*
Boe Blankenship, Director of Public Works
Title: *Vice President*
Date: *7/8/2024*

Assumptions:
Initial city mobilization: 4-man crew for 8 hours
Initial Materials: \$2,112.44
Ongoing maintenance: 2 hours / day (4 man crew) - 3 days / week
Ongoing materials: 5% initial material outlay - 1 day / week

Day	Labor	Equipment	Materials
1	\$ 651.36	\$ 1,328.32	\$ 2,112.44
2			
3			
4	\$ 81.42	\$ 106.64	
5			
6			
7			
8	\$ 81.42	\$ 110.69	\$ 105.62
9			
10			
11	\$ 81.42	\$ 57.70	
12			
13			
14			
15	\$ 81.42	\$ 110.69	\$ 130.44
16			
17	\$ 81.42		
18			
19	\$ 81.42	\$ 57.70	
20			
21			
22	\$ 81.42	\$ 110.69	\$ 130.44
23			
24			
25			
26	\$ 81.42	\$ 57.70	
27			
28			
29	\$ 81.42	\$ 110.69	\$ 130.44
30	\$ 1,384.14	\$ 2,050.83	\$ 2,609.38

Grand Total: \$ 6,044.35
per day \$ 201.48