

PW7035A - 2021 HMA Speed Hump Installation
Forecasting Location Requirements to Reach Contract Value

Quantities Through Date: 8/16/2021

Totals	
Locations Currently in Contract	1825
Locations Required to reach 2000	175
Additional Locations Required to achieve 50,000 LFT @ Current Contract Value	67
Additional Locations Available Due to Max Contractor OT of \$52,500	26

Calculations			
Description of Speed Hump	LFT/Hump	Average LFT/Hump	Number of Humps
Estimated	50,000.0	25	2000
Installed Through Date	36,189.6	24	1496
Projected Footage to Install 2000 Speed Humps	12,192.2	24	504
Projected Footage after 2000 Speed Humps Installed	48,381.9	24	2000
Remaining Footage Available	1,618.1	24	67

Projected Footage to Install 2000 Speed Humps			
Number of Locations Estimated	2000		
Number of Locations in Contract	1825		
Number of Locations Available	1655		
Number of Locations Completed	1496	LFT/Hump	LFT
Number of Locations Pending Installation	159	24	3846.4
Number of Locations on Hold	170	24	4112.5
Number of Locations Missing from Contract	175	24	4233.4
			12192.2

Additional Humps due to Max Contractor OT Reclamation = \$52,500			
Original Contract Amount	\$4,118,500.00		
Current Contract Amount	\$4,066,000.00		
Contractor OT Reclamation	\$52,500.00		
Cost of Hump Per PavtMrkg	\$139.50/Ea	2 Ea/Hump	\$279.00/Hump
Cost of Hump Per Linear Foot	\$71.21/Ft	24 Ft/Hump	\$1722.57/Hump
Cost to Install One Speed Hump			\$2001.57/Hump
Number of Speed Humps Able to Install with \$52,500 = 26 Locations			