



Synthetic Turf Road Median Soft ROI Analysis

Item	Natural Grass	Cement	Synthetic Turf
Storm water management benefits or disadvantages	<i>Good absorption of rain inside the median</i>	<i>All water runs off into the street</i>	<i>Good absorption of rain inside the median</i>
Aesthetics – Community feedback, board feedback	<i>Poor, most medians turn to weeds and dirt patches within months</i>	<i>N/A</i>	<i>Good, looks like just-mowed grass year-round, may look “too perfect”</i>
Reduction of villages’ carbon footprint via reduced air pollution generated by mowing	<i>Poor, requires mowing and edging about 8 months per year</i>	<i>Very Good, no carbon creation after initial installation</i>	<i>Good, no mowing or edging, but gas blowers may be used to clean 4-6 times per year</i>
Reduction of villages’ environmental impact via reduction in fertilizers and pesticides used	<i>Poor, requires fertilizing at least twice a year</i>	<i>Very Good, no fertilizers or weed killers used</i>	<i>Very Good, no fertilizers or weed killers used</i>
Number of times per month that traffic must be diverted for mowing and watering?	<i>None – but this is a recognized risk of the contractor and to the village – water trucks do cause a road hazard</i>	<i>None</i>	<i>None</i>
Environmentally-friendly solution that saves the community money	<i>Good</i>	<i>Poor</i>	<i>Very Good</i>
Risk Management Benefits – not having maintenance people mowing medians without road barriers being set-up	<i>Every time median is maintained it represents a risk to the municipality</i>	<i>Minimizes risk</i>	<i>Reduces risk due to less maintenance than grass, but more than cement</i>