

GLENDALE RAILROAD SAFETY & QUIET ZONE COMMITTEE

QUIET ZONE OPTIONS DISCUSSION DRAFT

November 7, 2007
Version 6

Option	Budget Cost	Advantages	Potential Issues	Actions Needed
<ul style="list-style-type: none"> • Four Quadrant Gates with CWT at Sharon • Channelization barrier with CWT at Marion in Woodlawn • Existing gates with CWT at Albion & Oak 	<p style="text-align: center;">Glendale - \$700,000 Woodlawn - \$115,000 Possible split</p> <p style="text-align: center;">Annual maintenance – \$10,000-20,000 Prelim Engineering @ \$25,000/crossing</p>	<ul style="list-style-type: none"> • Train horns will not sound except in emergency • SSM investment at busiest crossings 	<ul style="list-style-type: none"> • Layout feasibility of four-quad gates at Sharon to be confirmed 	<ul style="list-style-type: none"> • Layout study of four-quad gates at Sharon
<ul style="list-style-type: none"> • Four Quadrant Gates with CWT at Oak • Wayside Horn with CWT at Sharon • Existing gate with CWT at Albion 	<p style="text-align: center;">\$700,000</p> <p style="text-align: center;">Annual maintenance – \$10,000-20,000 Prelim Engineering @ \$25,000/crossing</p>	<ul style="list-style-type: none"> • Major reduction in noise footprint • Feasibility of Sharon 3 lane traffic not an issue 	<ul style="list-style-type: none"> • Some horn noise remains near Sharon crossing • Most investment at crossing with low vehicle usage 	<ul style="list-style-type: none"> • Need Wayside Horn retest at Sharon crossing • Relocate utility pole at Oak
<ul style="list-style-type: none"> • Wayside Horns with CWT at Sharon, Albion & Oak 	<p style="text-align: center;">\$600,000</p> <p style="text-align: center;">Annual maintenance – \$10,000-20,000? Prelim Engineering @ \$25,000/crossing</p>	<ul style="list-style-type: none"> • Major reduction in noise footprint • Feasibility of Sharon 3 lane traffic not an issue 	<ul style="list-style-type: none"> • Some horn noise remains for residents closest to crossings 	<ul style="list-style-type: none"> • Need Wayside Horn retest at Sharon, Albion & Oak
<ul style="list-style-type: none"> • Do Nothing 	<p style="text-align: center;">\$0</p>	<ul style="list-style-type: none"> • No cost 	<ul style="list-style-type: none"> • QZ rules unlikely to change to our benefit in future 	<ul style="list-style-type: none"> • None

Closing the Albion crossing would reduce the costs of the first two options by \$300,000 and the third option by \$400,000. Crossing safety would also be improved but vehicle traffic patterns would be changed.

CWT is Constant Warning Time.