

















## RESOURCE AREA IMPACT CALCULATION

	<u>ALTERNATE 1</u>	<u>ALTERNATE 3</u>	<u>DIFFERENCE</u>
WETLAND ALTERATION	4,994 S.F.±	3,916 S.F.±	−1,078 S.F.±
0'–25' NO-DISTURB ZONE ALTERATION	7,125 S.F.±	6,965 S.F.±	−160 S.F.±
25'–50' NO-BUILD ZONE ALTERATION	26,640 S.F.±	19,537 S.F.±	−7,103 S.F.±
50'–100' BUFFER ZONE ALTERATION	71,337 S.F.±	45,270 S.F.±	−26,067 S.F.±
SUBTOTAL WETLAND AND BUFFER ZONE ALTERATION	110,096 S.F.±	75,688 S.F.±	−34,408 S.F.±
OUTSIDE BUFFER ZONE ALTERATION	185,531 S.F.±	143,707 S.F.±	−41,824 S.F.±
TOTAL ALTERATION	295,627 S.F.±	219,395 S.F.±	−76,232 S.F.±





TREES OVER 6" IN CALIPER WERE SURVEYED IN THE VICINITY OF THE CROSSING AND ADJACENT UPLAND BUT NOT THE ENTIRE WORK AREA. BASED ON THIS SURVEY, THERE IS 1 MATURE TREE FOR EVERY 450 TO 600 SQUARE FEET OF LAND. ALTERNATIVE 3 REDUCES ALTERATION BY 76,232 SQUARE FEET. THIS TRANSLATES TO PRESERVATION OF 127 TO 170 MATURE TREES.