Input 1: Input Data: Distance and road specific parameter value

i/j	0	1	2	3	4	5	6	7	8	9
0	∞	(128,119,89)	(102,86,105)	(117,82,124)	(109,122,103)	(102,114,113)	(89,87,130)	(70,121,128)	(124,123,115)	(105,129,114))
	∞	(0.9, 0.4, 0.5)	(0.2, 0.8, 0.2)	(0.5, 0.2, 0.3)	(0.7, 1.0, 0.9)	(0.9, 0.1, 0.6)	(0.5, 0.6, 0.7)	(0.8, 0.6, 0.4)	(0.6, 0.5, 0.3)	(0.3, 0.7, 0.7)
	∞	(0.5, 0.4, 0.4)	(0.7, 0.8, 1.0)	(0.4, 0.2, 0.2)	(0.3, 0.5, 0.7)	(0.7, 0.4, 0.3)	(0.4, 0.5, 0.7)	(0.3, 0.2, 0.1)	(0.4, 0.4, 0.6)	(0.7, 1.0, 0.5)
	∞	(0.4, 0.8, 0.9)	(0.2, 0.2, 0.4)	(1.0, 0.4, 1.0)	(0.1, 0.6, 0.8)	(0.6, 0.3, 0.4)	(0.8, 0.1, 0.4)	(0.4, 0.8, 0.1)	(0.1, 0.2, 0.9)	(0.1, 1.0, 0.7)
	∞	(41,50,55,57)	(41,46,53,58)	(45,47,51,57)	(45,48,52,58)	(45,49,55,59)	(40,50,54,56)	(41,49,53,57)	(44,46,55,57)	(44,46,55,57)
	∞	(40,46,51,56)	(43,50,51,59)	(44,49,54,59)	(45,50,52,56)	(43,47,55,59)	(44,50,53,57)	(45,46,52,57)	(44,49,52,56)	(42,48,55,57)
	∞	(41,46,51,56)	(42,47,51,56)	(40,47,51,58)	(41,47,54,59)	(43,47,51,58)	(45,50,51,59)	(45,46,52,57)	(41,49,54,56)	(42,48,53,56)
1	(128,119,89)	∞	(78,127,76)	(97,74,130)	(96,80,99)	(120,120,91)	(83,75,76)	(94,94,123)	(98,102,72)	(116,121,87)
	(0.4, 0.9, 0.1)	∞	(0.7, 1.0, 0.7)	(0.4, 0.6, 0.5)	(0.4, 0.5, 0.2)	(1.0, 0.9, 0.9)	(0.7, 0.3, 0.2)	(0.1, 0.7, 0.6)	(0.4, 0.8, 0.3)	(0.6, 0.8, 0.8)
	(0.8, 0.3, 0.1)	∞	(1.0, 0.1, 0.3)	(0.9, 0.6, 0.4)	(0.5, 0.5, 0.2)	(0.2, 0.4, 0.7)	(0.1, 0.6, 0.9)	(0.7, 0.1, 0.4)	(0.1, 0.4, 0.8)	(0.5, 0.1, 0.7)
	(0.7, 0.6, 0.4)	∞	(0.2, 1.0, 0.6)	(0.6, 0.6, 0.9)	(1.0, 0.8, 0.6)	(0.8, 0.4, 0.4)	(0.8, 0.9, 0.8)	(0.3, 0.7, 1.0)	(0.2, 0.4, 0.7)	
	(45,47,51,57)	∞	(45,49,55,59)	(42,47,55,57)	(42,48,51,60)	(40,47,52,56)	(42,47,53,58)	(43,47,55,58)	(41,48,51,58)	(40,48,51,58)
	(44,47,51,56)	∞	(40,49,52,57)	(44,48,53,57)	(45,50,52,57)	(43,47,54,60)	(44,47,53,60)	(45,48,54,56)	(44,50,52,59)	(45,49,54,58)
	(45,47,53,58)	∞	(40,47,52,60)	(43,49,52,60)	(40,48,53,60)	(44,49,51,60)	(44,49,55,58)	(41,49,51,58)	(43,50,53,58)	(41,47,52,60)
2	(102,86,105)	(78,127,76)	∞	(92,90,113)	(110,121,88)	(128,123,81)	(93,76,92)	(113,91,94)	(128,89,110)	(122,94,70)
	(0.3, 0.7, 0.6)	(0.8, 0.6, 0.6)	∞	(0.5, 0.8, 0.1)	(0.6, 0.8, 0.4)	(0.8, 0.1, 0.1)	(0.5, 0.4, 0.7)	(0.5, 0.2, 0.8)	(0.3, 0.3, 0.9)	(0.3, 0.7, 0.9)
	(0.6, 0.2, 0.3)	(0.8, 0.4, 0.9)	∞	(0.3, 0.9, 0.7)	(0.4, 0.1, 0.4)	(0.6, 0.1, 0.5)	(0.2, 0.9, 0.4)	(0.9, 0.4, 0.5)	(0.7, 0.9, 0.9)	(0.8, 1.0, 0.1)
	(0.2, 0.9, 0.9)	(0.2, 0.4, 0.9)	∞	(0.3, 0.7, 0.6)	(0.9, 0.4, 0.4)	(0.9, 0.4, 0.5)	(0.9, 0.2, 0.4)	(0.7, 0.2, 0.8)	(0.5, 0.8, 0.1)	(0.4, 0.5, 1.0)
	(44,46,55,59)	(43,50,54,59)	∞	(40,47,51,59)	(45,49,55,58)	(40,46,51,58)	(43,47,54,57)	(43,50,55,56)	(44,47,55,56)	(43,48,54,58)
	(43,47,51,58)	(40,50,51,59)	∞	(40,48,53,60)	(44,49,51,60)	(44,49,55,58)	(45,47,53,60)	(44,47,53,56)	(40,50,55,59)	(42,49,54,60)
	(45,46,52,60)	(45,46,54,57)	∞	(43,49,54,58)	(45,47,51,58)	(42,46,51,60)	(40,46,54,56)	(42,47,52,60)	(40,48,52,60)	(42,50,51,59)
3	(117,82,124)	(97,74,130)	(92,90,113)	∞	(73,80,127)	(75,71,73)	(91,91,120)	(129,125,88)	(117,70,90)	(99,112,76)
	(0.7, 0.6, 0.8)	(0.4, 1.0, 0.5)	(0.2, 1.0, 0.2)	∞	(0.7, 0.3, 0.9)	(0.6, 0.8, 0.2)	(0.6, 0.3, 0.2)	(0.6, 0.1, 0.2)	(0.5, 0.9, 0.5)	(0.8, 0.3, 0.7)
	(0.8, 0.5, 0.6)	(0.8, 0.3, 0.6)	(1.0, 0.5, 0.1)	∞	(0.3, 0.6, 0.1)	(0.2, 0.5, 0.2)	(0.8, 0.4, 0.7)	(0.1, 0.1, 0.8)	(0.8, 0.8, 0.5)	(0.1, 0.8, 0.9)
	(0.7, 0.7, 0.7)	(0.7, 0.5, 0.5)	(0.2, 0.7, 0.5)	∞	(0.5, 0.6, 0.1)	(0.1, 0.5, 0.3)	(0.2, 0.2, 0.5)	(0.3, 0.5, 0.5)	(0.1, 0.6, 1.0)	
	(40,50,54,56)	(41,49,53,57)	(44,46,55,57)	∞	(43,47,55,58)	(41,48,51,58)	(42,49,53,58)	(40,46,54,57)	(43,48,51,57)	(41,50,52,59)
	(45,48,54,60)	(42,50,55,58)	(43,49,51,56)	∞	(44,50,53,56)	(40,46,55,60)	(41,46,53,57)	(41,49,51,57)	(41,49,55,56)	(40,46,55,56)
	(40,46,51,59)	(42,46,55,56)	(41,47,51,59)	∞	(45,47,53,60)	(44,47,53,56)	(40,50,55,59)	(42,48,54,58)	(40,46,53,60)	(42,48,51,59)
4	((109,122,103)	(96,80,99)	(110,121,88)	(73,80,127)	∞	(109,81,130)	(103,115,79)	(103,77,72)	(117,87,76)	(126,70,102))
	(0.5, 0.5, 0.9)	(0.2, 0.6, 0.1)	(0.8, 0.9, 0.8)	(0.3, 0.9, 0.7)	∞	(0.1, 0.9, 0.3)	(0.5, 0.3, 0.2)	(0.4, 0.8, 0.8)	(0.5, 0.1, 0.1)	(0.1, 0.9, 0.4)
	(0.1, 0.3, 0.5)	(0.8, 0.9, 0.1)	(0.9, 0.2, 0.8)	(0.1, 0.3, 0.1)	∞	(0.7, 0.7, 0.6)	(0.8, 0.2, 0.1)	(0.7, 0.2, 0.8)	(0.3, 0.1, 0.3)	(0.5, 0.3, 0.7)
	(0.4, 0.6, 0.3)	(0.4, 0.6, 0.8)	(0.5, 0.2, 0.6)	(0.7, 0.2, 0.5)	∞	(1.0, 0.1, 0.1)	(0.4, 1.0, 0.4)	(0.2, 0.6, 0.9)	(0.6, 0.5, 0.9)	(0.6, 0.8, 0.3)
	(43,50,51,57)	(40,46,51,56)	(43,50,51,59)	(40,48,51,58)	∞	(41,50,55,59)	(41,50,52,59)	(45,48,54,60)	(42,50,55,58)	(43,48,54,57)
	(45,46,52,56)	(40,49,55,58)	(40,49,52,56)	(44,49,54,56)	∞	(43,50,52,56)	(41,46,52,56)	(40,47,51,59)	(42,49,52,59)	(40,47,52,57)
	(45,47,52,57)	(44,50,52,58)	(42,47,53,57)	(41,47,53,58)	∞	(45,46,52,60)	(45,46,54,57)	(44,49,55,60)	(43,47,53,60)	(40,48,51,58)
5	(102,114,113)	(120,120,91)	(128,123,81)	(75,71,73)	(109,81,130)	∞	(84,87,79)	(119,103,92)	(77,77,104)	(87,73,103)
	(0.2, 0.8, 0.2)	(0.4, 0.3, 0.4)	(0.5, 0.2, 0.9)	(0.6, 0.5, 0.1)	(0.2, 0.7, 0.5)	∞	(0.3, 0.1, 0.2)	(0.4, 0.7, 0.7)	(0.8, 0.6, 0.3)	(0.9, 0.1, 0.5)
	(0.8, 0.7, 0.8)	(0.7, 0.3, 0.5)	(0.5, 0.3, 0.6)	(0.6, 0.1, 0.3)	(1.0, 0.7, 0.4)	∞	(0.9, 0.5, 0.9)	(1.0, 0.7, 0.3)	(0.9, 0.8, 0.5)	(0.7, 0.4, 0.6)
	(0.4, 0.4, 0.8)	(0.4, 0.1, 1.0)	(0.5, 1.0, 0.3)	(0.3, 0.8, 0.7)	(0.9, 0.1, 0.8)	∞	(0.7, 0.8, 0.9)	(0.9, 0.8, 0.2)	(0.6, 0.4, 0.6)	(0.2, 0.4, 0.8)
	(44,49,54,59)	(45,50,52,56)	(41,50,52,57)	(40,49,52,57)	(44,48,53,57)	∞	(43,49,51,56)	(43,48,54,58)	(44,50,53,56)	(40,49,52,56)
	(44,49,54,56)	(44,48,53,57)	(45,48,55,58)	(40,50,55,58)	(42,49,51,59)	∞	(40,47,55,59)	(44,48,55,59)	(42,47,55,59)	(45,49,54,58)
	(42,48,52,57)	(40,46,51,56)	(45,49,53,58)	(41,50,53,57)	(42,48,53,58)	∞	(45,47,51,58)	(44,47,52,56)	(41,46,51,60)	(40,50,55,60)
6	(89,87,130)	(83,75,76)	(93,76,92)	(91,91,120)	(103,115,79)	(84,87,79)	∞	(91,111,120)	(124,129,75)	(76,126,117)
	(0.8, 0.2, 0.6)	(0.4, 0.7, 0.6)	(0.3, 0.3, 0.1)	(0.2, 0.3, 0.5)	(0.6, 0.8, 0.4)	(0.6, 0.6, 0.5)	∞	(0.3, 0.3, 0.5)	(0.1, 0.9, 0.3)	(0.1, 0.8, 0.4)
	(0.9, 0.6, 0.6)	(0.1, 0.4, 0.5)	(0.6, 0.8, 0.1)	(0.7, 0.9, 0.7)	(0.7, 0.9, 0.7)	(0.5, 0.6, 0.5)	∞	(0.5, 0.2, 0.5)	(0.6, 0.7, 0.6)	(0.4, 0.7, 0.2)
	(0.0, 0.6, 0.0)	(0.4, 0.2, 0.5)	(0.2, 0.8, 0.7)	(0.0, 1.0, 0.9)	(0.5, 0.3, 0.9)	(0.3, 0.2, 1.0)	∞	(0.8, 0.8, 0.4)	(0.5, 0.5, 0.6)	(0.6, 0.1, 0.0)
	(43,47,55,59)	(44,50,53,57)	(44,49,52,56)	(43,47,54,60)	(44,47,53,60)	(45,48,54,56)	∞	(41,46,53,57)	(41,49,51,57)	(43,50,52,56)
	(41,46,52,56)	(40,47,51,59)	(43,50,52,57)	(40,47,55,59)	(44,48,55,59)	(45,50,53,59)	∞	(41,49,52,58)	(43,47,51,60)	(45,46,55,58)
	(40,49,53,58)	(43,48,51,56)	(44,50,54,58)	(44,48,53,57)	(42,46,51,60)	(40,46,54,56)	∞	(40,48,55,58)	(41,49,54,58)	(40,47,54,57)
7	(70,121,128)	(94,94,123)	(113,91,94)	(129,125,88)	(103,77,72)	(119,103,92)	(91,111,120)	∞	(116,108,87)	(115,95,83)
	(1.0, 0.2, 1.0)	(0.3, 0.4, 0.7)	(0.4, 0.8, 0.5)	(0.2, 0.2, 0.3)	(0.0, 0.3, 0.1)	(0.5, 1.0, 1.0)	(0.3, 0.3, 0.2)	∞	(0.8, 0.6, 0.5)	(0.7, 0.3, 0.4)
	(0.9, 0.7, 1.0)	(1.0, 0.6, 0.3)	(0.9, 0.8, 0.3)	(0.2, 0.3, 0.9)	(0.3, 0.5, 0.8)	(0.5, 0.9, 0.7)	(0.5, 1.0, 0.5)	∞	(0.0, 0.5, 0.3)	(0.1, 0.7, 0.1))
	(0.5, 0.6, 0.0)	(0.8, 0.3, 0.3)	(0.9, 0.1, 0.4)	(0.5, 0.5, 0.4)	(0.5, 0.3, 0.3)	(0.7, 0.7, 0.3)	(0.4, 0.8, 0.7)	∞	(0.8, 0.9, 0.9)	(1.0, 0.0, 1.0)
	(40,47,52,57)	(45,47,52,57)	(42,47,55,59)	(45,49,54,58)	(43,47,51,60)	(45,46,55,58)	(45,46,52,57)	∞	(40,47,52,59)	(42,50,51,57)
	(45,48,52,60)	(41,49,52,59)	(43,49,53,59)	(44,46,55,59)	(40,48,52,60)	(42,50,51,59)	(41,49,52,59)	∞	(41,50,55,57)	(40,47,52,56)
	(42,47,51,56)	(40,47,51,58)	(41,47,54,59)	(42,46,54,59)	(40,47,52,60)	(43,49,52,60)	(42,46,55,56)	∞	(42,50,55,58)	(44,50,52,58)
8	(124,123,115)	(98,102,72)	(128,89,110)	(117,70,90)	(117,87,76)	(77,77,104)	(124,129,75)	(116,108,87)	∞	(75,105,120)
	(0.6, 0.0, 0.9)	(0.8, 0.1, 0.0)	(0.3, 0.3, 0.5)	(0.7, 0.7, 0.3)	(0.5, 0.1, 0.5)	(0.7, 0.7, 0.9)	(0.0, 0.2, 0.5)	(0.0, 0.6, 0.4)	∞	(0.4, 0.9, 0.2)
	(0.9, 0.1, 0.4)	(0.5, 0.3, 0.1)	(0.6, 0.1, 0.9)	(0.3, 0.1, 0.5)	(0.0, 0.6, 0.8)	(0.5, 0.7, 0.4)	(0.2, 0.7, 0.6)	(0.9, 0.2, 0.1)	∞	(0.4, 0.7, 0.6)
	(0.4, 0.7, 0.1)	(0.1, 0.5, 0.4)	(0.3, 0.9, 0.9)	(0.2, 0.1, 0.2)	(0.1, 0.7, 0.6)	(0.1, 0.1, 1.0)	(0.8, 0.8, 0.1)	(0.3, 0.9, 0.2)	∞	(0.5, 0.9, 0.4))
	(42,47,53,57)	(41,47,53,58)	(40,46,51,56)	(45,49,53,58)	(41,50,53,57)	(43,48,51,56)	(44,50,54,58)	(44,48,53,57)	∞	(43,49,53,59)
	(44,46,55,59)	(43,50,54,59)	(40,50,55,58)	(40,47,51,59)	(45,49,55,58)	(40,46,51,58)	(43,47,54,57)	(43,50,55,56)	∞	(43,48,54,58)
	(43,47,51,58)	(45,50,51,59)	(45,46,52,57)	(40,48,53,60)	(44,49,51,60)	(44,49,55,58)	(45,47,53,60)	(44,47,53,56)	∞	(42,49,54,60)
9	(105,129,114)	(116,121,87)	(122,94,70)	(99,112,76)	(126,70,102)	(87,73,103)	(76,126,117)	(115,95,83)	(75,105,120)	∞
	((0.1, 0.8, 0.2)	(0.2, 0.1, 0.4)	(0.8, 0.6, 0.2)	(0.3, 0.2, 0.8)	(0.9, 0.5, 0.3)	(0.5, 0.2, 0.6)	(1.0, 0.6, 0.3)	(0.3, 0.2, 0.1)	(0.1, 0.8, 0.3)	∞
	((0.5, 0.3, 0.2)	(0.3, 0.3, 0.2)	(0.6, 0.0, 0.9)	(0.6, 0.5, 0.3)	(0.2, 0.1, 0.9)	(0.9, 0.4, 0.3)	(0.4, 0.3, 0.4)	(0.7, 0.8, 0.6)	(0.0, 1.0, 0.5)	∞
	((0.9, 0.5, 0.5)	(1.0, 0.0, 0.8)	(0.5, 0.1, 0.8)	(0.5, 0.6, 0.9)	(0.3, 0.5, 0.7)	(0.8, 0.2, 0.0)	(0.1, 0.7, 0.8)	(0.2, 0.4, 0.8)	(0.1, 0.3, 1.0)	∞
	(45,46,52,60)	(45,46,54,57)	(42,48,53,58)	(43,49,54,58)	(45,47,51,58)	(42,46,51,60)	(40,46,54,56)	(42,47,52,60)	(40,48,52,60)	∞
	(41,49,52,59)	(45,49,55,58)	(40,46,51,58)	(43,47,54,57)	(45,46,55,58)	(44,46,55,58)	(43,49,54,60)	(40,47,51,58)	(43,48,55,57)	∞
	(41,49,54,56)	(42,48,53,56)	(43,47,53,58)	(41,49,51,58)	(43,50,53,58)	(41,47,52,60)	(42,48,54,58)	(40,46,53,60)	(42,48,51,59)	∞