

A.	STUDY BACKGROUND	A-1
A.1	STUDY INTENT	A-1
A.1.1	The Background	A-1
A.1.2	The Purpose and Corridors	A-1
A.1.3	The Domain	A-2
A.2	APPROACH	A-3
A.2.1	The Process	A-3
A.2.2	The Structure	A-3
B.	RAJKOT-JAMNAGAR-VADINAR CORRIDOR	B-1
B.3	REVIEW OF PRE-FEASIBILITY STUDIES	B-1
B.3.1	Submittal Referred To	B-1
B.3.2	Traffic Studies and Forecast	B-1
B.3.3	Project Cost	B-3
B.3.4	Environmental and Social Assessment	B-3
B.3.5	Economic Analysis	B-4
B.3.6	Financial Analysis	B-4
B.4	OUR EFFORTS AND FINDINGS	B-6
B.4.1	Salient Corridor Characteristics	B-6
B.4.2	Traffic Studies and Forecast	B-6
B.4.3	Engineering Studies and Investigations	B-16
B.4.4	Design and Project Cost	B-17
B.4.5	Environmental and Social Impact Assessment	B-19
B.4.6	Tollable Traffic	B-23
B.4.7	Financial Analysis	B-24
C.	HALOL – GODHRA CORRIDOR	C-1
C.3	REVIEW OF PRE-FEASIBILITY STUDY	C-1
C.3.1	Submittal Referred to	C-1
C.3.2	Project Sections	C-1
C.3.3	Base Year Traffic Volume Levels	C-1
C.3.4	Traffic Desire Pattern	C-1
C.3.5	Engineering Surveys	C-2
C.3.6	Environmental and Social Aspects	C-2
C.3.7	Traffic Forecasts and Other Efforts	C-2
C.4	OUR EFFORTS AND FINDINGS	C-3
C.4.1	Salient Corridor Characteristics	C-3
C.4.2	Traffic Studies and Forecast	C-4

C.4.3	Engineering Studies and Investigations.....	C-11
C.4.4	Design and Project Cost.....	C-12
C.4.5	Environmental and Social Impact Assessment.....	C-14
C.4.6	Tollable Traffic.....	C-18
C.4.7	Financial Analysis.....	C-19
D.	GODHRA – SHAMLAJI CORRIDOR	D-1
D.3	REVIEW OF PRE-FEASIBILITY STUDY	D-1
D.3.1	Submittal Referred to.....	D-1
D.3.2	Project Sections	D-1
D.3.3	Base Year Traffic Volume Levels	D-1
D.3.4	Traffic Desire Pattern.....	D-1
D.3.5	Engineering Surveys	D-2
D.3.6	Environmental and Social Aspects	D-2
D.3.7	Traffic Forecasts and Other Efforts.....	D-2
D.4	OUR EFFORTS AND FINDINGS.....	D-3
D.4.1	Salient Corridor Characteristics	D-3
D.4.2	Traffic Studies and Forecast.....	D-4
D.4.3	Engineering Studies and Investigations.....	D-13
D.4.4	Design and Project Cost.....	D-13
D.4.5	Environmental and Social Impact Assessment.....	D-16
D.4.6	Tollable Traffic.....	D-20
D.4.7	Financial Analysis.....	D-22
E.	AHMEDABAD – VIRAMGAM CORRIDOR	E-
E.9	REVIEW OF PRE-FEASIBILITY STUDY	E-1
E.9.1	Submittal Referred to.....	E-1
E.9.2	Traffic Studies and Forecast.....	E-1
E.9.3	Project Cost.....	E-2
E.9.4	Environmental and Social Assessment.....	E-2
E.9.5	Economic Analysis	E-2
E.9.6	Financial Analysis.....	E-3
E.10	OUR EFFORTS AND FINDINGS.....	E-4
E.10.1	Salient Corridor Characteristics	E-4
E.10.2	Traffic Studies and Forecast.....	E-4
E.10.3	Engineering Studies and Investigations.....	E-12
E.10.4	Design and Project Cost.....	E-13
E.10.5	Environmental and Social Impact Assessment.....	E-15

	E.10.6 Tollable Traffic.....	E-20
	E.10.7 Financial Analysis.....	E-20
F.	VIRAMGAM – MALIYA CORRIDOR.....	F-1
F.11	REVIEW OF FEASIBILITY STUDY.....	F-1
	F.11.1 Status of Submittal	F-1
	F.11.2 Traffic Studies and Forecast.....	F-1
	F.11.3 Traffic Forecast	F-2
	F.11.4 Socio Economic Approach	F-3
	F.11.5 Engineering Studies and Investigations.....	F-6
	F.11.6 PROJECT COST.....	F-8
	F.11.7 Environmental and Social Impact Assessment.....	F-8
	F.11.8 Economic Analysis	F-8
	F.11.9 Financial Analysis.....	F-9
F.12	OUR EFFORTS AND FINDINGS.....	F-10
	F.12.1 Salient Corridor Characteristics	F-10
	F.12.2 Traffic Studies and Forecast.....	F-10
	F.12.3 Engineering Studies and Investigations.....	F-18
	F.12.4 Design and Project Cost.....	F-18
	F.12.5 Environmental and Social Impact Assessment.....	F-20
	F.12.6 Tollable Traffic.....	F-26
	F.12.7 Financial Analysis.....	F-27
G.	REVALIDATION AND INTERIM FINDINGS.....	G-1
G.1	Interim findings by each study corridor.....	G-1
	G.1.1 Rajkot Jamnagar Vadinar	G-1
	G.1.2 Halol Godhra Corridor	G-2
	G.1.3 Godhra Shamlaji Corridor.....	G-3
	G.1.4 Ahmedbad Viramgam.....	G-4
	G.1.5 Viramgam Maliya.....	G-5
G.2	Corridor approach for project implementation under VGF	G-5
	G.2.1 Rajkot Jamnagar Vadinar	G-7
	G.2.2 Halol Godhra Shamlaji.....	G-7
	G.2.3 Ahmedabad Viramgam Maliya.....	G-7
G.3	END NOTE	G-8