LANE REPURPOSING CORRIDOR STUDY

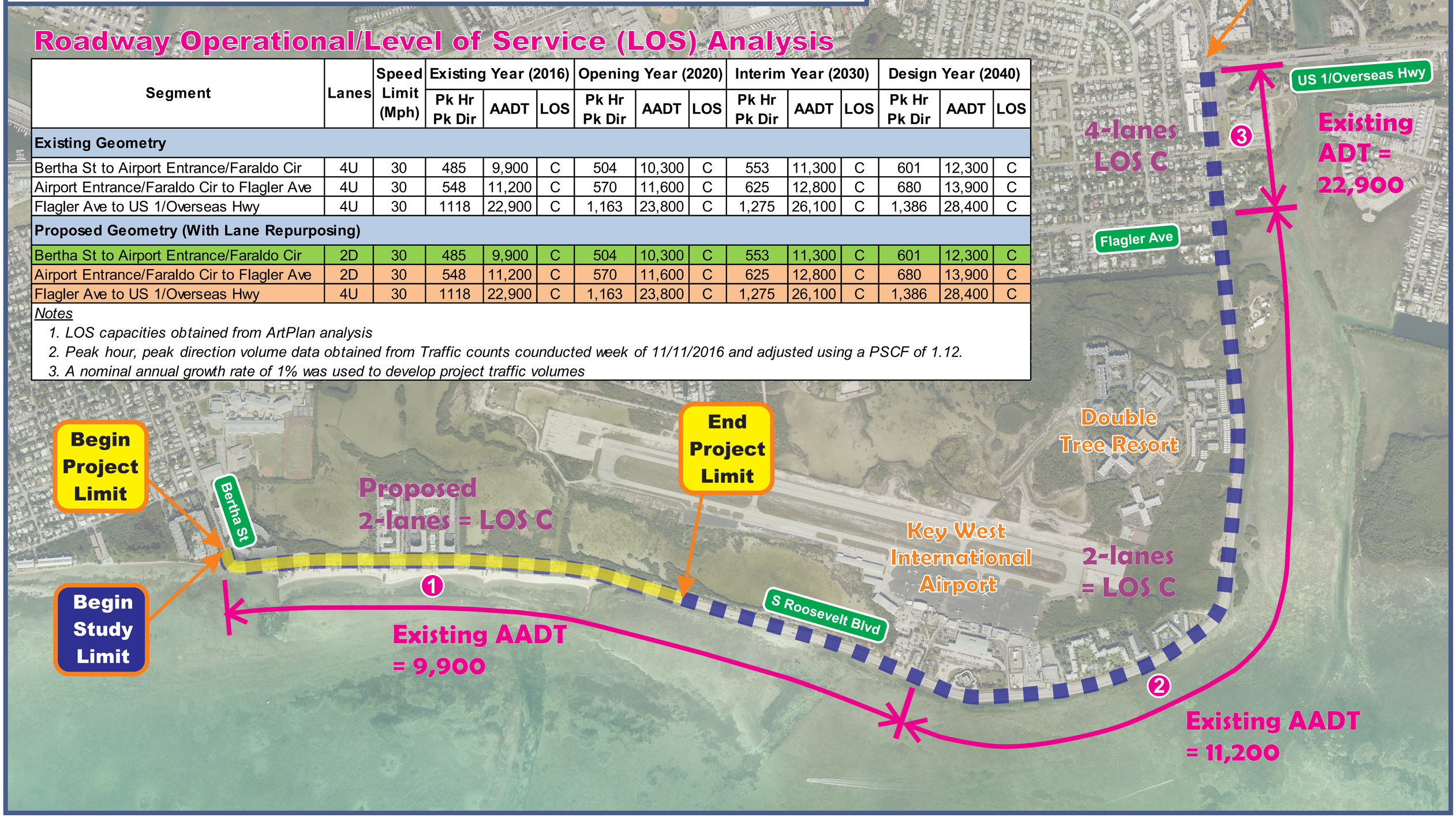
S. Roosevelt Boulevard/ SR AIA

From Bertha Street to US 1/ Overseas Highway

TRAFFIC INFORMATION

Roadway Operational/Level of Service (LOS) Analysis

Segment	Lanes	Speed Limit (Mph)	Existing Year (2016)			Opening Year (2020)			Interim Year (2030)			Design Year (2040)		
			Pk Hr Pk Dir	AADT	LOS	Pk Hr Pk Dir	AADT	LOS	Pk Hr Pk Dir	AADT	LOS	Pk Hr Pk Dir	AADT	LOS
Existing Geometry														
Bertha St to Airport Entrance/Faraldo Cir	4U	30	485	9,900	C	504	10,300	C	553	11,300	C	601	12,300	C
Airport Entrance/Faraldo Cir to Flagler Ave	4U	30	548	11,200	C	570	11,600	C	625	12,800	C	680	13,900	C
Flagler Ave to US 1/Overseas Hwy	4U	30	1118	22,900	C	1,163	23,800	C	1,275	26,100	C	1,386	28,400	C
Proposed Geometry (With Lane Repurposing)														
Bertha St to Airport Entrance/Faraldo Cir	2D	30	485	9,900	C	504	10,300	C	553	11,300	C	601	12,300	C
Airport Entrance/Faraldo Cir to Flagler Ave	2D	30	548	11,200	C	570	11,600	C	625	12,800	C	680	13,900	C
Flagler Ave to US 1/Overseas Hwy	4U	30	1118	22,900	C	1,163	23,800	C	1,275	26,100	C	1,386	28,400	C

Notes

1. *LOS capacities obtained from ArtPlan analysis*
2. *Peak hour, peak direction volume data obtained from Traffic counts counducted week of 11/11/2016 and adjusted using a PSCF of 1.12.*
3. *A nominal annual growth rate of 1% was used to develop project traffic volumes*