

CITY OF DANA POINT MEMORANDUM

DATE: June 6, 2023
TO: Honorable Mayor and City Council
FROM: Shayna Sharke, City Clerk
SUBJECT: Item 11 – Traffic Synchronization Inventory

In the published version of Item 11, pages 44-45 were illegible. A legible version of the Traffic Synchronization Inventory is attached.

c: City Manager

Traffic Synchronization I

LIST OF SYNCHRONIZED INTERSECTIONS																							COMMENTS
Corridor	No.	Cross Street Intersection	Cycle Length				Maintenance Responsibility	Synchronized Phases	Operations			Equipment											
			AM	MID	PM	WKND			Left	Right	Other	Cabinet	Type	Software	Detection	Bike Detection	CCTV	Power Backup	Comm	Other ITS	ATMS	Status	
Pacific Coast Highway	1	Doheny Park Plaza	120	120	120	M-F	Dana Point	2 and 6					MaxTime										Signal Timing lengths vary based on season; Master at PCH/Del Obispo
		Doheny Park Plaza	120	140/180	120	Sat-Sun	Dana Point	2 and 6					MaxTime										
	2	Del Obispo Street	120	120	120	M-F	Dana Point	120					MaxTime										Signal Timing lengths vary based on season; Master at PCH/Del Obispo
		Del Obispo Street	120	140/180	120	Sat-Sun	Dana Point	2 and 6					MaxTime										
	3	Copper Lantern	120	120	120	Var.	Dana Point	2 and 6					MaxTime										Signal Timing lengths vary based on season; Master at PCH/Del Obispo
		Copper Lantern	120	120	120	Var.	Dana Point	2 and 6					MaxTime										
	4	Crystal Lantern	120	120	120	Var.	Dana Point	2 and 6					MaxTime										Signal Timing lengths vary based on season; Master at PCH/Del Obispo
		Crystal Lantern	120	120	120	Var.	Dana Point	2 and 6					MaxTime										
	5	Malaga Ped Crossing	Free	Free	Free	Mon-Sun	Dana Point	N/A					ASC/3										Isolated Intersection
	6	Golden Lantern	120	120	120	M-F	Dana Point	2 and 6					170/170E										Master at PCH/Golden Lantern; Consistent Timing all Year
		Golden Lantern	Free	120	120	Sat-Sun	Dana Point	2 and 6					170/170E										
	7	Violet Lantern	120	120	120	M-F	Dana Point	2 and 6					MaxTime										Master at PCH/Golden Lantern; Consistent Timing all Year
		Violet Lantern	Free	120	120	Sat-Sun	Dana Point	2 and 6					MaxTime										
	8	Amber Lantern	120	120	120	M-F	Dana Point	2 and 6					ASC/3										Master at PCH/Blue Lantern; Consistent Timing all Year
		Amber Lantern	Free	120	120	Sat-Sun	Dana Point	2 and 6					ASC/3										
	9	Ruby Lantern	120	120	120	M-F	Dana Point	2 and 6					ASC/3										Master at PCH/Blue Lantern; Consistent Timing all Year
		Ruby Lantern	Free	120	120	Sat-Sun	Dana Point	2 and 6					ASC/3										
	10	Del Prado	120	120	120	M-F	Dana Point	2 and 6					ASC/3										Master at PCH/Blue Lantern; Consistent Timing all Year
	Del Prado	Free	120	120	Sat-Sun	Dana Point	2 and 6					ASC/3											
11	Blue Lantern	120	120	120	M-F	Dana Point	2 and 6					Cobalt										Master at PCH/Blue Lantern; Consistent Timing all Year	
	Blue Lantern	Free	120	120	Sat-Sun	Dana Point	2 and 6					Cobalt											
12	Shoreline Drive	Free	Free	Free	Mon-Sun	Dana Point	2 (Continuous Green) and 6					170/170E										Phase 2 is a Continuous Green Phase; Striped Accordingly;Extremely Low Side Street Volume	
13	Selva Road	120	Free	120	Mon-Fri	Dana Point	2 and 6					MaxTime										MidDay Runs Free During the week due to Reduced Traffic Volumes; Isolated Intersection	
	Selva Road	Free	120	120	Sat-Sun	Dana Point	2 and 6					MaxTime										Weekend MidDay and PM Peak Periods Synchronized;Isolated Intersection	
14	Niguel Road	120	Free	120	Mon-Fri	Dana Point	2 and 6					MaxTime										MidDay Runs Free During the week due to Reduced Traffic Volumes; Isolated Intersection	
	Niguel Road	Free	120	120	Sat-Sun	Dana Point	2 and 6					MaxTime										Weekend MidDay and PM Peak Periods Synchronized;Isolated Intersection	
15	Monarch Bay Plaza	140	120	120	Mon-Fri	Dana Point	2 and 6 (Continuous Green)					MaxTime										Phase 2 is a Continuous Green Phase; Striped Accordingly;Master is at PCH/Crown Valley	
	Monarch Bay Plaza	Free	120	120	Sat-Sun	Dana Point	2 and 6 (Continuous Green)					MaxTime										Phase 2 is a Continuous Green Phase; Striped Accordingly;Synchronized during MidDay and PM periods;Master is at PCH/Crown Valley	
16	Crown Valley	140	120	120	Mon-Fri	Dana Point	2 and					170/170E										Master is at PCH/Crown Valley	
	Crown Valley	Free	120	120	Sat-Sun	Dana Point	2 and 6					170/170E											
Dana Point Harbor Dr	17	Park Lantern	60	60/90	120	M-F	Dana Point	2 and 6					MaxTime									Signal Timing lengths vary based on season; Master at PCH/Del Obispo	
		Park Lantern	60	60/120	60	Sat-Sun	Dana Point	2 and 6					MaxTime										
	18	Puerto Place	Free	Free	Free	Mon-Sun	Dana Point	N/A					Cobalt									Isolated Intersection	
	19	Golden Lantern	Free	Free	Free	Mon-Sun	Dana Point	N/A					ASC/3									Isolated Intersection	
Golden Lantern	20	Acapulco Dr	120	Free	120	M-F	Dana Point	2 and 6					Cobalt									MidDay Runs Free During the week due to Reduced Traffic Volumes; Isolated Intersection;30 Minute period in the AM Peak Runs a 180 second cycle due to High School Traffic; Master is at Golden Lantern/Stonehill Dr.	
		Acapulco Dr	Free	120	120	Sat-Sun	Dana Point	2 and 6					Cobalt									Master at Golden Lantern/Stonehill Dr.	
	21	Terra Vista	120	120	120	M-F	Dana Point	2 and 6					ASC/3									Master at Golden Lantern/Stonehill Dr.	
		Terra Vista	Free	120	120	Sat-Sun	Dana Point	2 and 6					ASC/3										
22	Stonehill Dr	120	120	120	M-F	Dana Point	2 and 6					MaxTime										30 Minute Period in the Am Peak Runs a 180 Second Cycle due to High School traffic; Cross Coordination Occurs with Stonehill Dr. Corridor	
	Stonehill Dr	Free	120	120	Sat-Sun	Dana Point	2 and 6					MaxTime										Master at Golden Lantern/Stonehill Dr; Cross Coordination Occurs with Stonehill Dr. Corridor	
23	Selva Rd	120	120	120	M-F	Dana Point	2 and 6					ASC/3										Master at Golden Lantern/Stonehill Dr.	
	Selva Rd	Free	120	120	Sat-Sun	Dana Point	2 and 6					ASC/3											
24	La Cresta Dr	120	Free	120	Mon-Fri	Dana Point	2 and 6					ASC/2										Master at Golden Lantern/Stonehill Dr.; Cross Coordination with PCH Corridor	
	La Cresta Dr	Free	120	120	120	Dana Point	2 and 6					ASC/2											
25	Del Prado	Free	Free	Free	Free	Dana Point						MaxTime										Isolated Intersection/INTELIGHT DEMO/2070	
Stonehill Dr	26	Selva Rd	140	120	140	Mon-Fri	Dana Point	2 and 6					Cobalt										
	Selva Rd	Free	120	120	Sat-Sun	Dana Point	2 and 6						Cobalt										
27	Ocean Hill	140	120	140	Mon-Fri	Dana Point	2 and 6					MaxTime											
	Ocean Hill	Free	120	120	Sat-Sun	Dana Point	2 and 6					MaxTime											
28	Palo Alto	140	120	140	Mon-Fri	Dana Point	2 and 6					MaxTime											

