Central Avenue Safety Improvement Project (227032) - Draft Project Schedule 10/3/2019

WBS	Task Name	2019		2020												2021												2022											
		N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
PA&ED Phase																																							
4	**Caltrans Project Development**																																						
4.1	Project Report																																						
4.2	Design Exception Fact Sheets																																						
4.3	Caltrans PDT and Coordination Meetings																																						
5	**Traffic Analysis**																																						
5.1	Gather Existing Data																																						
5.2	Operations Analysis, Evaluation, and Visualization																																						
5.3	Traffic Operations Analysis Report																																						
5.4	Draft Transportation Management Plan																																						
6	**Environmental**																																						
6.1	PA&ED Studies																																						
6.1.1	Memo Covering Topics with No Impacts/Resources not Present																																						
6.1.2	Land Use																																						
	Section 4(f) Evaluation																																						
6.1.3	Community Impacts																																						
	Community Impact Assessment (CIA) Memorandum																																						
6.1.4	Visual and Aesthetics																																						
	Visual Impact Assessment (VIA) Memorandum																																						
6.1.5	Cultural Resources																																						
	Archaeological Survey Report (ASR) and Extended Phase 1 (XPI) Study																																						
	Area of Potential Effects (APE)																																						
	Historictal Resources Evaluation Report (HRER)																																						
	Historic Property Survey Report (HPSR)																																						
	Finding of No Adverse Effect (FONAE)																																						
6.1.6	Paleontology																																						
	Paleontological Evaluation Report/Paleontological Mitigation Plan (PER/PMP)																																						
6.1.7	Water Quality																																						
	Water Quality Assessment Report (WQAR)																																						
6.1.8	Hazardous Waste/Materials																																						
	Initial Site Assessment (ISA)																																						
6.1.9	Air Quality																																						
	Air Quality Study Report (AQSR)																																						
6.1.10	Noise and Vibration																																						
	Noise Study Report																																						
6.1.11	Energy and Climate Change																																						
	Energy Memorandum																																						
	Climate Change and Sea Level Rise Memorandum																																						
6.1.12	Biological Environment																																						
	Natural Environment Study - Minimal Impacts (NES-MI)																																						
6.2	CE/CATEX																																						
7	**Support Services**																																						
7.1	PID Phase Design Update																																						
7.2	Topographic Survey and Base Mapping																																						
7.3	Right-of-Way Cordination																																						
7.4	Pavement Assessment and Design																																						
7.5	Utility Coordination and Exploration																																						
7.6	Hydrology and Hydaulic Analysis																																						
7.7	Stormwater Data Report																																						
7.8	Permitting																																						
7.9	Parking Inventory																																						

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WBS	Task Name	2019		2020												2021												2022											
		N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
8	**Engineering Plans, Specifications, and Estimates**																																						
8.1	35% Plan Development																																						
	Refine Concepts to match/fit Topographic Survey																																						
	Truck Turning Analysis																																						
	Webster to Eighth Options and Analysis																																						
	Update 35% per Hydrology/Hydraulic, Parking, Cost Estimates, preferred option																																						
	Project Development																																						
8.2	35% Specifications Outline																																						
8.3	Engineer's Opinion of Probable Construction Costs																																						
PS&E Phase																																							
4	**Caltrans Project Development**																																						
4.1	Design Exception Fact Sheets																																						
4.2	Caltrans PDT and Coordination Meetings																																						
5	**Traffic Analysis**																																						
5.1	Final Transportation Management Plan																																						
6	**Environmental**																																						
6.1	Environmental Review																																						
7	**Support Services**																																						
7.1	Right-of-Way Cordination																																						
7.2	Hydrology and Hydaulic Analysis																																						
7.3	Stormwater Data Report																																						
7.4	Permitting																																						
8	**Engineering Plans, Specifications, and Estimates**																																						
8.1	65% Plan Development																																						
	Response to Comments																																						
	Plan Development																																						
	Submittal																																						
	Agency Review Period																																						
8.2	65% Specifications																																						
8.3	65% Engineer's Opinion of Probable Construction Costs																																						
8.4	95% Plan Development																																						
	Response to Comments																																						
	Plan Development																																						
	Submittal																																						
	Agency Review Period																																						
8.5	95% Specifications																																						
8.6	95% Engineer's Opinion of Probable Construction Costs																																						
8.7	100% Plan Development																																						
	Response to Comments																																						
	Plan Development																																						
	Submittal																																						
	Agency Review Period																																						
8.8	100% Specifications																																						
8.9	100% Engineer's Opinion of Probable Construction Costs																																						
8.10	Isue For Bid (IFB) PS&E Package																																						
9	**Construction Bid Support**																																						
9.1	Construction Bid Support																																						