#### APPENDIX I SANTA ANA RIVER PARKWAY EXTENSION EQUIPMENT SUMMARY

# Santa Ana River Parkway Extension Equipment Summary (# of Vehicles in Use)

### Data Needs List for Construction June 25, 2014

#### Equipment and Motor Vehicles

	-	4		Maximum # units on any day Month 1 Month 2 Month 3 Month 4 Month 5 Month 6 Month 7 Month 8 Month 9 Month 10 Month 11 Month 12 Month 13 Month 14 Month 15 Month 16 Month 17 Mo																	
Equipment/Vehicle Type	Model	Horsepower	Fuel Type	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 1	7 Month
			and the second second second	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Construction Equipment																					
Air Compressor Ingersol Rand	P65WK	23.5	Diesel	0	0	0	0	0	0.8	0.8				0.5	0.5	1.4	1.4	1	0.5	ſ	0
Backhoe	450E	124	Diesel	0	0	0	2.6	3.2	1.9	1.7		0.5	0	0	0	0	0	0	0	1	o
Concrete Pump Rig	B50	130	Diesel	0	0	0	0.1	0.6	1.5	0.5	0	0	0	0	0	0	0	0	0	1	0
Crane 20 Tn Grove	YB7722	130	Diesel	0	0	0	0	0	0	0	1	0	0	1	0	0	1.2	0	0	100	ol
Dozer,Cat	D10T	580	Diesel	0.5	1.5	2.5	3.5	3	0.6	1.2	0.2	0	0	0	0	0	0	0	0	1	ol
Forklift	DP45K	124	Diesel	0	0	0	0	0	1.8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.5	0.5	0.5	1	o
Generator	XQ400	328	Diesel	0	0	0	0.8	0.8	2	2	1.7	1.4	1.4	1.4	1.4						o
Loader	972H	287	Diesel	0.4	0.2	0.2	0.5	0.5	1	0.7	0.8	0.6	0	0	0		0		0	1	ō
Motor Grader	160M	213	Diesel	0	0	0.2	0.2	0.2	0.8	0.6	0.2	0.6	0.6	0.6	0	0	0	0	Ö	1	0
Paving Machine	AP1055D	224	Diesel	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0		ol –
Roller	CB-534D	130	Diesel	0	0	0.2	0.3	0.3	0.7	0.2	0	0.3	0.3	0.3	0.3		0	0	0		0
Sheeps Foot	825G	315	Diesel	0	0.5	1	1	0.7	0	0	- 0	0	0	0	0	0	0	0	0		<u> </u>
							1														
On-Site Motor Vehicles	Category	Fuel	Avg Mi/Day									num # vehi	icles on an	y day							
Dump Truck On Site	MHDT-DSL	Diesel	16	1	2	4	6	6	2	2	2	3	3	3	2	0	0	0	0	(	0
Flatbed Truck On Site	MHDT-DSL	Diesel	12	0	0	0	2	2	2	2	1	1	1	1	0	2	2	2	0	(	0
Oil/Lube Truck International	LHDT2-DSL	Diesel	8	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	(	0
Pickup Truck	LDT1-CAT	Gasoline	8	1	1	2	3	4	4	4	3	2	2	2	2	2	2	2	1	′	1
Water Truck	HHDT-DSL	Diesel	12	0	1	2	2	2	2	2	2	1	1	1	0	0	0	0	0	(	2
Off-Site Motor Vehicles	Category	Fuel	Avg Mi/Trip		<u>50</u>						Maxir	num # vehi	cles on an	y day						l	
18 Wheel Low Boy	HHDT-DSL	Diesel	40	2	3	2	5	4	4	3	6	2	0	1	1	0	2	0	0	(	5
Dump Truck Off Site	MHDT-DSL	Diesel	30	23	the second se	720	747	567	27	80	80	80	80	80	40	0	0	0	0	(	5
Flatbed Truck Off Site	MHDT-DSL	Diesel	60	0	0	0	12	19	41	27	39	13	27	13	20	20	13	4	0	(	5
Fuel Truck Off site	HHDT-DSL	Diesel	40	1	6	8	19	18	16	15	13	7	7	12	6	5	10		0	(	5
Red-Mix Truck	HHDT-DSL	Diesel	40	0	0	0	12	41	91	20	0	0	0	0	0	0	0	0	0	<u> </u>	al

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# Santa Ana River Parkway Extension Equipment Summary (Total of Hours or Miles/Month)

### Data Needs List for Construction June 25, 2014

#### Equipment and Motor Vehicles

			Hours of Operation each Month																		
Equipment/Vehicle Type	Model	Horsepower	Fuel Type	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 1	7 Month 1
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Construction Equipment															2						
Air Compressor	P65WK	23.5	Diesel	0	0	0	0	0	1 10	140				80	80	240	240	160	80		0
Backhoe	450E	124	Diesel	0	0	0	440			280		80	0 0	0	0	0 0	0	0	0 0		0
Concrete Pump Rig	B50	130	Diesel	0	0	0	20	100	260	80		0	0 0	0	0 0	0 0	0	0	0 0		0
Crane	YB7722	130	Diesel	0	0	0	0	0	0	0	160	0	0 0	160	0 0	0 0	200	0	) C		0
Dozer	D10T	580	Diesel	80	260	420	580	500		200				0	C		0	0	0 0		0
Forklift	DP45K	124	Diesel	0	0	0	0	0	0000	260								80			0
Generator	XQ400	328	Diesel	0	0	0	140	140	340	340	280	240	240	240	240	360	360	320	240		0
Loader	972H	287	Diesel	60	40	40	80	80	160	120	140	100	0 0	0	0 0	0 0	0	0	) C		0
Motor Grader	160M	213	Diesel	0	0	40	40	40	140	100	40	96	96	96	0	0	0	0	c c	0	0
Paving Machine	AP1055D	224	Diesel	0	0	0	0	0	0	0	0	0	0	0	48	0	0	0			0
Roller	CB-534D	130	Diesel	0	0	30	50	50	110	30	0	48	48	48	48	0	0	0			0
Sheeps Foot	825G	315	Diesel	0	80	160	160	120	0	0	0	0	0 0	0	C	0	0	C	0 0		0
On-Site Motor Vehicles	Category	Fuel										MILES DR		IONTH							A
Dump Truck On Site	MHDT-DSL	Diesel		175	760	1220	1960	2060						960		0	0	0		)	0
Flatbed Truck On Site	MHDT-DSL	Diesel		0	0		480	480	520	360				200	80	560	560	380	80	8	80
Oil/Lube Truck International	LHDT2-DSL	Diesel		0	60	80	160	150		140				100	80	80	80	80	80		0
Pickup Truck	LDT1-CAT	Gasoline		80		300		600		580	400	300	300	300	300	300	300	300	100	10	0
Water Truck	HHDT-DSL	Diesel		20	280	560	560	520	440	400	400	120	120	120	0	0	0	C	C		0
								3													
Off-Site Motor Vehicles	Category	Fuel				I					TOTAL	MILES DR	IVEN PER N	IONTH			l;		I		
18 Wheel Low Boy	HHDT-DSL	Diesel		80				160		120				40			80	C	0 0		0
Dump Truck Off Site	MHDT-DSL	Diesel		690	10800	21600	22400	17000		2400		2400	2400	2400		0	0	C			0
Flatbed Truck Off Site	MHDT-DSL	Diesel		0	0	0	720	1120	2440	1640	2320	800	1600	800			800	260			0
Fuel Truck Off site	HHDT-DSL	Diesel		40	240	300	760	720	640	600	500	280		480	240						0
Red-Mix Truck	HHDT-DSL	Diesel		0	0	0	480	1620	3620	800	0	0	0	0	0	0		0	0		0

## Santa Ana River Parkway Extension Equipment Summary Task 1

### Data Needs List for Construction June 25, 2014

#### Equipment and Motor Vehicles

		T		Hours of Operation each Month																	
Equipment/Vehicle Type	Model	Horsepower	Fuel Type	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	2 Month 13	Month 14	Month 15	i Month 1	6 Month 1 17	7 Month 18
Construction Equipment										·	0		10		12	13	14	13		+ "	
Air Compressor	P65WK	23.5	Diesel			109					-	· · · · · · · · · · · · · · · · · · ·				160	160	80			
Backhoe	450E	124	Diesel				280	320	320	120	120		-								
Concrete Pump Rig	B50	130	Diesel			-	20														-
Crane	YB7722	130	Diesel						00							-					-
Dozer	D10T	580	Diesel	80	100	100	100	100	100	40	40										
Forklift	DP45K	124	Diesel		100	1.00	100	100	100					-	<u></u>						+
Generator	XQ400	328	Diesel			1	40	40	40	40	40		-			120	120	80			+
Loader	972H	287	Diesel	60	40	40				40					-	120	120				-
Motor Grader	160M	213	Diesel		+0	40				40	10		96	96							
Paving Machine	AP1055D	213	Diesel								+0		30		48	2					
Roller	CB-534D	130	Diesel			30	50	50	30			48	48	48							+
Sheeps Foot	825G	315	Diesel													1	-			-	
On-Site Motor Vehicles	Category	Fuel									TOTAL	MILES DRI	VEN PER	IONTH		*				1	-
Dump Truck On Site	MHDT-DSL	Diesel		175	400	500	1080	1320	640	320					480		1	1			T
Flatbed Truck On Site	MHDT-DSL	Diesel					400	400		240	240	120	120	120		480	480	300			
Oil/Lube Truck International	LHDT2-DSL	Diesel			40	40				40											-
Pickup Truck	LDT1-CAT	Gasoline		80	120	200	260	400	400	360	300	200	200	200	200	200	200	200	)		
Water Truck	HHDT-DSL	Diesel		20						400											
	-																				
Off-Site Motor Vehicles	Category	Fuel									TOTAL										
18 Wheel Low Boy	HHDT-DSL	Diesel		80		80	40		40		120			40	40		r	1	1	1	
Dump Truck Off Site	MHDT-DSL	Diesel		690			800			800			2400	10			-				+
Flatbed Truck Off Site	MHDT-DSL	Diesel					720	720	720	720	720	2400	2400	2400	1200	400	400	260		+	+
	HHDT-DSL	Diesel		40	80	100				120			80	80	40		400	200	1		
Fuel Truck Off site	HHDT-DSL	Diesel				100	480		120	120	100	00		60	40	·	-				
Red-Mix Truck		Diesei					400	1220	1220												

## Santa Ana River Parkway Extension Equipment Summary Tasks 2,3,4

#### Data Needs List for Construction June 25, 2014

#### Equipment and Motor Vehicles

			<u>г 1</u>	Hours of Operation each Month																	
				<b></b>	L	Month 3 Month 4 Month 5 Month 6 Month 7 Month 8 Month 9 Month 10 Month 11 Month															
Equipment/Vehicle Type	Model	Horsepower	Fuel Type	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6 6	Month 7	Month 8	Month 9	Month 10   10	Month 11 11	Month 12	2 Month 13 13	Month 14	Month 15	Month 16 16	Month 17 17	7 Month 1 18
Construction Equipment					2	3	4	- 5	0		0	9	10		12	13	14	15	10		
Air Compressor	P65WK	23.5	Diesel					t	80	80	80	80	80	80	80	0 80	80	80	80		+
Backhoe	450E	124	Diesel				160	160		160	160										
Concrete Pump Rig	B50	130	Diesel					40								-					1
Crane	YB7722	130	Diesel		1						160	1		160			200				1
Dozer	D10T	580	Diesel		1	-	160	160		160											1
Forklift	DP45K	124	Diesel						260			260	260	260	260	260	80	80	80		
Generator	XQ400	328	Diesel				100	100						240					240		1
Loader	972H	287	Diesel								100										1
Motor Grader	160M	213	Diesel																		1
Paving Machine	AP1055D	224	Diesel					1													
Roller	CB-534D	130	Diesel																		
Sheeps Foot	825G	315	Diesel															1			
On-Site Motor Vehicles	Category	Fuel									TOTAL	MILES DRI	VEN PER M	ONTH				ļ			
Dump Truck On Site	MHDT-DSL	Diesel				1	160	200		200	160										
Flatbed Truck On Site	MHDT-DSL	Diesel					80	80	80	80	80	80	80	80	80	08 0	80	80	80	80	5
Oil/Lube Truck International	LHDT2-DSL	Diesel					80	80	80	80	80			80				80	80		
Pickup Truck	LDT1-CAT	Gasoline					100	100	100	100	100	100	100	100	100	100	100	100	100	100	5
Water Truck	HHDT-DSL	Diesel																			
															B						1
Off-Site Motor Vehicles	Category	Fuel											VEN PER MO	ONTH							
18 Wheel Low Boy	HHDT-DSL	Diesel					160				120						80				
Dump Truck Off Site	MHDT-DSL	Diesel	*							1600										-	
Flatbed Truck Off Site	MHDT-DSL	Diesel						400	1600	800		800	1600	800	1200	0 800	400				di
Fuel Truck Off site	HHDT-DSL	Diesel					400	400		400		200	200	400	200	200	400				
Red-Mix Truck	HHDT-DSL	Diesel						400	2400	800						1					

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### Santa Ana River Parkway Extension Equipment Summary Task 5

#### Data Needs List for Construction June 25, 2014

#### Equipment and Motor Vehicles

	1	1	1 1								Hou	rs of Opera	tion each N	lonth	Hours of Operation each Month													
Equipment/Vehicle Type	Model	Horsepower	Fuel Type	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12	Month 13	Month 14	Month 15	Month 16	Month 17	7 Month 18							
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18							
Construction Equipment					×																-							
Air Compressor	P65WK	23.5	Diesel						60	60							-											
Backhoe	450E	124	Diesel					60							_													
Concrete Pump Rig	B50	130	Diesel														11				-							
Crane	YB7722	130	Diesel																-		-							
Dozer	D10T	580	Diesel		160	320	320	240					1															
Forklift	DP45K	124	Diesel						40																			
Generator	XQ400	328	Diesel						60	60											+							
Loader	972H	287	Diesel						80				1															
Motor Grader	160M	213	Diesel						100			-									+							
Paving Machine	AP1055D	224	Diesel												1													
Roller	CB-534D	130	Diesel						80	30								<u> </u>										
Sheeps Foot	825G	315	Diesel		80	160	160	120																				
· · · · · · · · · · · · · · · · · · ·																												
On-Site Motor Vehicles	Category	Fuel				)					TOTAL	MILES DR	IVEN PER I				L				1							
Dump Truck On Site	MHDT-DSL	Diesel			360	720	720	540				1	1			[	1				T							
Flatbed Truck On Site	MHDT-DSL	Diesel							40	40											-							
Oil/Lube Truck International	LHDT2-DSL	Diesel			20	40	40	30																				
Pickup Truck	LDT1-CAT	Gasoline			100	100				120																		
Water Truck	HHDT-DSL	Diesel			80	160			40												-							
Off-Site Motor Vehicles	Category	Fuel									TOTAL	MILES DR	IVEN PER M	NONTH														
18 Wheel Low Boy	HHDT-DSL	Diesel			120			160	120	120																		
Dump Truck Off Site	MHDT-DSL	Diesel			10800	21600	21600	16200										1										
Flatbed Truck Off Site	MHDT-DSL	Diesel							120	120																		
Fuel Truck Off site	HHDT-DSL	Diesel			160	200	200	160	120	80											1							
Red-Mix Truck	HHDT-DSL	Diesel															1											