

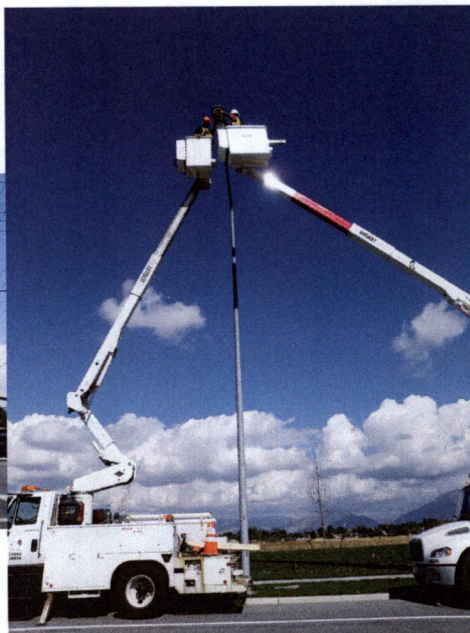


PUBLIC WORKS OPERATIONS

Annual Report 2018-19

TAYLORSVILLE CITY

Annual Traffic Signal Preventative Maintenance Report



Prepared by Salt Lake County

S

Recommended Repairs & Upgrades

	Traffic Signal Location	Consideration	Recommendation/Comments
<u>1</u>	4100 S 2200 W	Signal wire is starting to break down. Not able to pull new wire through the old conduit. Need to trench in new conduit. Cabinet terminals have corroded because of moisture from sprinklers. Missing a couple of backing plates	Signal rebuild.
<u>2</u>	4390 S 2700 W	Wire is brittle and breaking down	Signal rebuild
<u>3</u>	4700 S 3200 W	Some backing plates are in need of repair	Signal head upgrade
<u>4</u>	4700 S 3860 W	North bound Detection replaced.	North bound vehicle detection needs replaced.
<u>5</u>	All Signals.	Replace Leds.	Replace all signal head Leds and ped head Leds.

*Quotes will be provided upon request.



Traffic Signal Opticom Taylorsville City

This list identifies which signals have opticom. We encourage you to evaluate those signals that do not have pre-emption. Current cost to install pre-emption on most signals in \$6,500.

ADDRESS	WORK ORDER	Opticom	Preemption North	Preemption South	Preemption East	Preemption West
4000 S 1300 W	TESX04013	No	No	No	No	No
4100 S 2200 W	TESX04122	No	No	No	No	No
4100 S 2700 W	TESX04127	No	Yes	Yes	Yes	Yes
4390 S 2700 W	TESX04427	No	No	No	No	No
4700 S 2598 W	TETX04726	No	No	No	No	No
4700 S 2700 W	TESX04727	Yes	Yes	Yes	Yes	Yes
4700 S 3200 W	TESX04732	Yes	Yes	Yes	Yes	Yes
4700 S 3600 W	TESX04736	Yes	Yes	Yes	Yes	Yes
4700 S 3860 W	TETX04738	No	No	No	No	No
4700 S 4000 W	TESX04740	No	No	No	No	No
4800 S 1485 W	TETX04814	No	No	No	No	No
4835 S 2700 W	TETX04827	No	No	No	No	No
6200 S 1950 W	TETX06218	No	Yes	Yes	Yes	Yes
6200 S 2200 W	TETX06222	Yes	Yes		Yes	Yes
6200 S 2700 W	TETX06227	Yes	Yes	Yes	Yes	Yes
6200 S 3200 W	TETX06232	Yes	Yes	Yes	Yes	Yes
6200 S 3285 W	TETX06234					
6200 S 3655 W	TESX06236	No	Yes	Yes	Yes	Yes
6200 S 4000 W	TESX06240	Yes	Yes	Yes	Yes	Yes
6235 S 1300 W	TESX06213	No	No	No	No	No
6600 S 1300 W	TESX06613	No	No	No	No	No

Count: 21



Traffic Signal ATMS Taylorsville City

This list identifies which signals are on the Advanced Traffic Management System (ATMS). We encourage you to evaluate all future signals to incorporate ATMS when built. Questions may be directed to the ATMS coordinator.

	ADDRESS	WORK ORDER	ATMS	RADIO/FIBER	
	4000 S 1300 W	TESX04013	No	Fiber	
	4100 S 2200 W	TESX04122	No	Fiber	
	4100 S 2700 W	TESX04127	No	Fiber	
	4390 S 2700 W	TESX04427	No	Fiber	
	4700 S 2598 W	TETX04726		Fiber	
	4700 S 2700 W	TESX04727	Yes	Fiber	
	4700 S 3200 W	TESX04732		None	
	4700 S 3600 W	TESX04736	No	Fiber	
	4700 S 3860 W	TETX04738	No	Fiber	
	4700 S 4000 W	TESX04740	No	Fiber	
	4800 S 1485 W	TETX04814	No	None	
	4835 S 2700 W	TETX04827	No	Redline	
	6200 S 1950 W	TETX06218	No	Fiber	
	6200 S 2200 W	TETX06222	No	Redline	
	6200 S 2700 W	TETX06227	No	Fiber	
	6200 S 3200 W	TETX06232	No	Fiber	
	6200 S 3285 W	TETX06234			
	6200 S 3655 W	TESX06236	No	Fiber	
	6200 S 4000 W	TESX06240	No	Fiber	
	6235 S 1300 W	TESX06213	No	UDOTPin12638	
	6600 S 1300 W	TESX06613		Radio	

Count: 21

Date: 4/4/19Techs: Colton

Annual Preventative Maintenance Form

TESX04736

WV/TAY

Location: 4700 S & 3600 W

	Good	Bad	Repaired	Replaced	Comments & Notes
Cabinet / Outside					
Check for graffiti	✓				
Check for silicone	✓				
Check for cabinet damage	✓				
Grout on pole bases	✓				
Pole base location	✓				
Pull box condition	✓				
Spare conduits	✓				
* Rock Mnt. Power No.					#: 51045489
Cabinet / Inside					
* Controller:					Make: Econolite Model: TS2-1 Size: 6 Channels: 16 Year: 1997
* Flash Status					Make: Econolite Model: ASC/3 Serial Number: 12186 NTCIP: No (NTCIP on ASC2=MM 1,5)
* ATMS					Fiber (fiber, radio, both or No)
Check cooling fan	✓			✓	Set Thermostat to 100 Deg.
Check cabinet light	✓				
Check door weather seal	✓				
Lubricate hinges	✓				
Replace filter	✓				Size: 1x12x16
Clean and dust cabinet	✓				
Tighten anchor bolts	✓				
Check cabinet drawings	✓				Drawing #: D79639
Service Feed					
Voltage	✓				121.3 Volts Acceptable Range: 89-135 V AC
Amperage	✓				2.7 Amps 1-24 Amps
Power supply	✓				26 Volts 23-27 V DC
Check breakers for heat prob.	✓				
Check all terminals	✓				
Check cabinet ground(s)	✓				
Ground fault receptacle	✓				
Check component connections	✓				
Light & fan door switches	✓				
Control panel switches in place	✓				
Pedestrian Signals					
Assure ped. calls to controller	✓				
Check buttons & signs correct	✓				S/W Camera Walking E/W "Kao" not working
Check X-walk vs ped movement	✓				
Measure X-walk Distances					N Leg: 74 E Leg: 102 S Leg: 66 W Leg: 105
Vehicle Detection					
Verify calls to controller	✓				
Check for lane/stop bar align.	✓				
* Video/VIP Card					Make: NA Model, NB: NA SB: NA EB: NA WB: NA
* Version of software					Date Installed: NB: NA SB: NA EB: NA WB: NA
Preemption					
* Phase Selectors	✓				Date Installed: Make: 3M Opticom Model: 754
Confirmation Lights	✓				
Check & test operation	✓				
* Detection Directions	✓				NB: Yes SB: Yes EB: Yes WB: Yes (Yes or No)
* RR Preemption	✓				No (Yes or No)
LOG IN LOG BOOK	✓				



Traffic Signal Maintenance Trouble Calls

Taylorsville City

ID W110818001 Logged By: CHOliver Assigned To: Kenneth Barrier

Project Group: PWO Traffic Signals

Department: PW Operations

Project Title: ~TS_4700S_2700W

Activity: Signal Maintenance~Signal_Maint

Actions taken: Replaced switch pack and checked the Peds. all are working good

Location: 4700 S 2700 W

Call Out Date: 10.30.2018

Call Out Reason: Signal In Flash. Showing Need For Switch On Phase 11

LABOR	Name	Job Description	Resource Dept	Record Date
	Colton Jones	Lead Traff Signal/Lineman Tect	PW Operations	10.30.2018
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INVENTORY	Inventory No	Inventory Name	Resource Dept	Record Date
	TE120-028	120 SP	PW Operations	10.30.2018
EQUIPMENT	Equipment No	Name	Resource Dept	Record Date
	03H337	Ram Aerial Bucket Truck	PW Operations	10.30.2018
ASSET	Layer Name	Asset ID	Label	Location
	Traffic Signals	PWOPS_signals0000711	4700 S 2700 V	4700 S 2700 W - West Valley