

Category: Traffic Signals					
Project:	Description:	Purpose:	Issues:	Estimated Cost:	Priority:
Traffic Signal Head Replacements	Replace all combination (8" and 12") signal heads with standard 12" signal faces	Needed to improve safety improvement and comply with CVC	Will need to replace mounting hardware at some locations.	\$43,900	
Pedestrian Signal Upgrades	Replace all pedestrian signals with 'countdown' signal faces	Safety improvement for pedestrians	\$240/ea. Plus \$1000 for frameworks and housings/ea.	\$19,700	
Controller Cabinet Upgrades	Upgrade signal controller cabinets to 336 models	Existing cabinets are full. Upgrades are needed prior to installing any new equipment including BBS, video detection, etc.	May need to upgrade services to Type III enclosures or consider with other signal mods if pedestal and conduit work is needed.	\$85,000	
Battery Backup System Installations	Install battery backups at remaining locations throughout Town. (6 intersections have BBS installed as of December 2014)	Safety improvement	Remaining locations need standalone cabinets with trenching for new conduits.	\$60,000	1
Video Detection System Installations	Install video detection at remaining locations throughout Town. (4 intersections have video detections installed as of December 2014)	Safety and performance improvement	\$7500 per approach plus \$6000 in cabinet. One approach remaining at Hub. Potential additional costs for conduit and boxes at other locations.	\$252,000	
Traffic Monitoring System Installation	Install traffic monitoring system between the Hub and PW Office	Monitor traffic at key intersection in case of emergency or event	Need line of sight for radio transmission between the Hub and Office; trees may be an issue	\$20,000	
Signal pole upgrades	Remove paint on existing poles	Clean up poles and make easier to maintain		\$48,000	
Conduit and pull box replacements	Hub conduit crossing - west leg only	Replace damaged/overfull conduits	Box relocation out of ramps; Coordination with repaving SFD		2
Wiring/Interconnect replacement	Install traffic signal interconnect between---	TBD			

Category: Drains (Anticipate further development with completion of evaluation study and determination of drainage impact fee)					
Project:	Description:	Need:	Issues:	Estimated Cost:	Priority:
Bolinas Avenue Drainage Improvements	Measures include new culvert on south side of Bolinas Ave from Richmond Rd to Corte Madera Creek only @ \$990k	Localized flooding in San Anselmo and Ross	Cost estimate inflated 3% annually.	\$1,379,295	
Storm Drain Pipe Evaluation	Conduct study to investigate existing pipes and develop capital cost estimates for a replacement program.	Repair aging infrastructure		\$300,000	1
Storm Drain Pipe Replacements	Replace failed storm drain pipes in public right of way.	Repair failed/failing metal pipe; Est 35% publicly maintained; 65% privately maintained (50% contribution)	Estimate 50% replacement of 24,000 lf of pipe in next 7 years.	\$1,944,000	1
		Repair failed/failing pipes of various types (metal, clay, etc.)	Alt Calc (Estimated quantity = 38,700 lf) - Estimate 50% replacement in next 7 years	\$3,462,000	
			Alt Calc (Estimated quantity = 38,700 lf) - Estimate 100% replacement in next 7 years	\$6,924,000	

Category: Street Lights					
Project:	Description:	Need:	Issues:	Estimated Cost:	Priority:
Install New Lights	Install new poles / pole mounted lights	Safety	Identify standard light level thresholds for streets. (Assume 20 new lights)	\$33,600	
LED Retrofits	Install LED's at remaining locations: - Morningside; Meadowcroft, Barber, Etc.	Cost savings, etc.	Availability of LED retrofit equipment for post top fixtures.	\$25,000	
Paint Poles	Repaint Town-owned street light poles	17 - cracked/peeling; 50 faded	Color selection	\$46,900	

Category: Pedestrian and Bicycle Improvements (Anticipate further refinement with update to Pedestrian and Bicycle Master Plan and ADA Transition Plan)					
Project:	Description:	Need:	Issues:	Estimated Cost:	Priority:
Bike Spine Improvements - Phase 1	Develop designated school bike route with shared lane use pavement markings and signage between San Anselmo Avenue and Shady Lane	Bike Safety	Potential parking impacts	\$98,000	
Bike Spine Improvements - Phase 2	Develop designated school bike route with shared lane use pavement markings and signage between San Anselmo Avenue and north Town Limit/Caletta Ave	Bike Safety	Potential parking impacts; SFD Blvd crossing/route; unmaintained road pavement conditions	\$200,000	
SFD/Butterfield Sidewalk Gap Closure	Install new sidewalk and crosswalks to close gaps in existing sidewalks between Rosemont Ave. and Suffield Ave.	Ped and bike safety	Driveway grading and retaining walls	\$441,000	
Broadmoor Ave Sidewalk Gap Closure	Install new sidewalk and crosswalks to close gaps in existing sidewalks between Brookside Dr. and Berkeley Ave.	Pedestrian Safety	Resident landscape and driveways	\$382,000	
Sunnyside Ave Sidewalk Gap Closure	Install new sidewalk and crosswalks to close gaps in existing sidewalks between Austin Ave and Ross Ave.	Pedestrian Safety		\$128,000	
Belle Avenue Sidewalk Repairs	Reconstruct curb, gutters and sidewalk to eliminate water ponding in roadway.	Pedestrian Safety	Design completed	\$30,000	
Center Boulevard Crossing Improvements	Install curb bulb out and ADA ramps at Creek Park parking lot exit and Center Blvd.	Pedestrian Safety	Potential transit center impacts	\$31,000	
Library Place Sidewalk	Install new sidewalk through Town Hall parking lot to Tunstead Ave.	Pedestrian Safety		\$22,000	
Bolinas Ave Traffic Calming	Install traffic calming median or other device at Bolinas Ave and Kensington Road	Ped and bike safety	TC measure not yet identified	\$25,000	
San Francisco Boulevard Traffic Calming	Install traffic calming medians or other devices at Alderney, Veterans, Santa Cruz or Salinas.	Ped and bike safety	TC measure not yet identified	\$40,000	
Brookside-Alderney Bike Path	Reconstruct stairway to accommodate bikes.	Bike Safety	Related to Bike Spine - Phase 2		
Sir Francis Drake Bike Path	Widen existing sidewalk to create bike path along Sir Francis Drake between Saunders Ave and Mountain View Ave	Bike Safety	Related to Bike Spine - Phase 2		

Category: Parks					
Project:	Description:	Need:	Issues:	Estimated Cost:	Priority:
Creek Park Access Improvements	Reconstruct and widen sidewalk in park . Relocate ADA parking and provide new curb ramp.	ADA Compliance		\$22,380	1
Robson Harrington Park Pathway	Construct new stamped concrete path inside park along Raymond Ave.	Park access and safe routes	Conform to ex. Pathway; trim vegetation	\$29,920	
Transit Center Access Ramp		ADA Compliance	Proximity to shelter wall.	\$25,000	

Category: Other Projects (Includes balance of grant funded projects and other special needs)					
Project:	Description:	Purpose:	Issues:	Estimated Cost:	Priority:
Red Hill and Sequoia Improvements	Remove island, realign crossings, and install new ADA ramps, etc.	Safety Improvement		\$160,000	1
Safe Routes to School Improvements	Install new sidewalks, improve crossings and modify SFD/Tamal Traffic Signal	Safety Improvement	Expected cost overrun	\$90,000	1
Safe Routes to School Add/Alt Items	Additional cost for sidewalks on Santa Cruz, Traffic Calming, Drainage on The Alameda			\$72,000	
Sir Francis Drake and Bolinas Avenue Intersection Improvements	OBAG Funded Project to rehab pavement and striping, widen sidewalks, install curb ramps and signal improvements	Safety Improvement	Extras for video detection, additional pavement rehab and street/sidewalk lighting - NIC	\$33,000	
Pedestrian Crossing Flashing Beacons	Rectangular Rapid Flashing Beacon Installations on Sir Francis Drake at Madrone and Saunders	Safety Improvement	Applied for Safe Pathways funds.	\$25,000	
Fire Station 19 Fire Check Valve Inspection and Box Replacement	Remove ex concrete box, inspect and certify check valve, construct new vault.	Fire Access		\$9,010	
Fire Station 20 Fire Check Valve Inspection and Box Replacement	Remove ex concrete box, inspect and certify check valve, construct new vault.	Fire Access		\$9,760	
Isabel Cook Day Care Access Ramp	Construct wheel chair access ramp to raised platform entrance to the day care.	ADA Compliance		\$45,000	1