

City of Newark - 2015 CIP Plan Year - Funding Priorities

			Totals ▶	16,460,114	5,130,701	3,173,058	8,156,355		
Dept	Proj #	Description	Priority	Total Cost	2015 Funding	Reserves	Other Funding	Explanation	
Electric	E1501	New lines and services	2	125,000	125,000	-	-	Needed for new line work for projects that don't have separate projects	
Electric	E1503	Star campus substation	2	300,000	-	-	300,000	Cant delay engineering since the project has a PJM delay for approval	
Electric	E1504	LED lights	3	581,250	-	-	581,250	Project has positive payback with SEU funding; must act with other DEMEC communities to get bulk lighting price, install option and SEU funding	
Electric	E1402	12kv extension	4	42,765	-	42,765	-	Can be delayed but there is a risk that in house crews won't be able to do this work in 2016 with other projects in the pipeline and then it will have to be bid	
Electric	E1105	New transformer	2	560,000	500,000	60,000	-	Needed for load growth at the Newark shopping center	
Electric	E0503	SCADA	1	66,000	47,580	18,420	-	Needed to complete SCADA project including adding remote alarming and afterhours access	
Water	W1501	Source Water Monitoring/Reservoir Upgrades	4	150,000	150,000	-	-	Medium, will provide peace of mind and improved reservoir water quality but not critical in 2015	
Water	W1502	Pump and VFD Efficiency Upgrades	3	150,000	-	-	150,000	High, the reservoir VFD and/or pump replacement needs to happen for operational reasons during drought	
Water	W1503	Academy Street Interconnection Station	3	50,000	50,000	-	-	Medium, we can repair a second existing pump to buy an extra year if necessary but wouldn't want to push engineering after 2016 at the latest since we already won't be replacing pumps until 2016 under the current schedule and that would move us to 2017. This is the only way to get a large quantity of water into the city if one of the plants were to go down for more than a couple of days.	
Water	W1401	Re-Bed Filters 1 and 2	1	250,000	70,000	180,000	-	High, essential to proper operation of the South Well Field. We have already delayed this for two years.	
Water	W1402	Air Stripper Replacement/Storage Tank Config.	1	150,000	75,000	75,000	-	High, this is needed before we can perform maintenance on the raw water tank at south well field as it can't come offline without killing the entire plant for 8-12 weeks due to the location of the aerator on top of the raw water tank	
Water	W1403	Storm Water Improvements	5	500,000	-	-	500,000	Medium, budget neutral, nothing planned unless stormwater utility is successful	
Water	W1303	Water System Master Plan	1	300,000	110,000	40,000	150,000	High, essential to asset management, SCADA, and general modernization of department	
Water	W1304	Eliminate Tank Overflows	1	80,000	40,386	39,614	-	High, This needs to happen when Windy Hills is repainted	
Water	W1201	Water Main: Windy Hills to Red Mill	1	92,500	70,000	22,500	-	High, engineering services necessary to complete redundant connection across White Clay to Kirkwood Highway area of service territory	
Water	W1101	Curtis Plant Intake Replacement	2	173,000	-	173,000	-	High, hazard mitigation, ongoing project, critical infrastructure	
Water	W1102	Lime Silo/Delivery Rehabilitation	1	13,650	-	13,650	-	High, underway already	
Water	W1103	Repairs to Concrete Tank	1	359,913	-	359,913	-	High, underway, critical infrastructure with potential failure of concrete dome	
Water	W0807	Arbour Park Booster Station Improvements	1	398,374	-	398,374	-	High, underway but this number isn't correct, should be \$324k and will be encumbered in the next couple of days	
Water	W0503	Well Restoration	3	55,636	-	55,636	-	Medium, we may be able to put this off for a year but not a great idea	
Water	W0403	Water Tank Mixing Retrofit	2	181,095	-	181,095	-	High, Stage 3 Disinfectant Byproduct rule coming soon and we may have difficulty maintaining compliance if MCL for THM's is reduced	
Water	T0101	NPDES Phase II Stormwater Quality	3	40,000	26,640	13,360	-	High if the new permit comes finally, low if not	
Water	W0002	Alternative Disinfection Equipment	1	125,000	75,000	50,000	-	High, engineering already underway	
Water	W9302	SCADA System	1	270,000	51,817	218,183	-	High, the portion necessary to get the reservoir online is essential and probably around \$125k since it will form the backbone for future expansions. The two plants could be postponed if necessary but we would prefer to do at least SWF in 2015. We will have better budget estimates in the next 2 months	
Water	W9308	Water Main Renovation Program	2	1,000,000	851,522	148,478	-	High, infrastructure replacement	
Water	W8605	Water Tank Maintenance	2	530,500	355,000	175,500	-	High, Windy Hills tank is in desperate need of painting and maintenance	
Sewer	S1501	Sewer System Master Plan	2	300,000	150,000	-	150,000	High, essential to asset management, SCADA, and general modernization of department	
Sewer	S1201	Sewer Jet Truck 243 Replacement	2	300,000	-	300,000	-	High, critical to system operations	

Dept	Proj #	Description	Priority	Total Cost	2015 Funding	Reserves	Other Funding	Explanation
Sewer	S0904	Sanitary Sewer Study & Repairs	1	500,000	407,249	92,751	-	High, this line item includes inspection, prioritization and rehabilitation of sewer mains similar to W9308
Refuse	R1501	Automated Yard Waste Carts	2	150,000	150,000	-	-	High, automation of yard waste is necessary with proposed trucks and safety efforts
Refuse	R9401	Transfer Station Closure Costs	1	77,564	77,564	-	-	High, mandated requirement
Streets	H1501	Annual Street Program	2	1,000,000	219,895	-	780,105	High, essential end of life replacement, already underfunded
Streets	H1502	ADA Handicap Ramp Transition Plan	2	90,000	45,000	-	45,000	High, mandated per ADA
Streets	H1503	Newark Transportation Plan Implementation	5	20,000	20,000	-	-	Medium, optional effort to implement transportation plan
Streets	H1403	Pedestrian Crossing Signalization	1	100,000	100,000	-	-	High, underway, DelDOT has already completed design and UD is on board
Streets	H1301	Storm Drainage Improvements	1	436,000	277,931	158,069	-	High, corrugated pipe replacement, pipes already failing and need to be replaced
Streets	H1302	Country Club Drive Traffic Calming	5	50,000	50,000	-	-	Low, I think this project is a waste of money as there is no demonstrated engineering for traffic calming on Country Club Drive
Maint	M1401	Truck Lift Systems Improvements	2	95,000	95,000	-	-	High, replacement of obsolete mobile lift system used for tandem rear axle trucks
Maint	M1101	Maint Yard Master Plan/Salt Shed Replacement	4	200,000	200,000	-	-	Medium, we may be able to patch up the salt shed for another year if necessary but there will be an expense associated with the temporary repairs
Police	C1401	Ballistic Vests	2	3,500	3,500	-	-	High, vests have five-year life
Police	C1001	Patrol Rifles	2	61,000	61,000	-	-	High, end of life of existing long guns is 2007, 2009
Parks	K1503	Tree Inventory	4	52,000	52,000	-	-	Medium; deferral could result in additional ash tree removal costs in out years
Parks	K1301	Hard Surface Facility Improvements	4	150,000	150,000	-	-	Medium; this is a service level / quality of life issue for Newark residents
Parks	K1303	Facilities Accessibility	2	25,000	5,000	20,000	-	High, ADA compliance requirements
Parks	K1304	Maintenance Pickup Truck	3	30,000	30,000	-	-	Medium, truck runs
Parking	V1501	Parking Lot #2 Expansion	2	30,000	30,000	-	-	High, needs to be done while 58 East Main Street is under construction or it will cost much more.
Parking	V1402	Fee Collection Equipment Upgrade	2	155,250	155,250	-	-	High, fee collection equipment is old and no longer supported – failure will cause loss of revenue.
Parking	V1403	Site Preparation for Lot #1 Parking Garage	4	150,075	9,825	140,250	-	Medium, will need if we are to pursue garage and even if not, we should create additional surface parking there.
Parking	V1404	Municipal Lot #1 Parking Garage (1)	5	5,500,000	-	-	5,500,000	Low, at least for 2015. We are able to operate without the garage.
Parking	V1001	Parking Lot Surface Maintenance	4	25,000	-	25,000	-	Medium, recommended to be done by PWWR at an already reduced level (entrance/exit from Center and drive aisle) – also represents an opportunity to create more spaces
IT	I1502	Audiolog for 911 Dispatch Recording	2	25,000	25,000	-	-	High, Replaces unsupported 911 radio recording system
IT	I1504	Harris Cityview Cashiering	4	25,000	25,000	-	-	Medium, will improve efficiency in customer service area after segregation of duties implemented
IT	I1506	Avrio Pivot3 Cloudbank 24TB Server	3	25,000	25,000	-	-	Medium, Expansion for Surveillance Camera Data
IT	I1507	Munis SAAS HR/Billing/Work Order Software	2	139,542	139,542	-	-	High, will improve communication / interaction with residents and improve administrative operations
IT	I1509	Web Filter Proxy Solution	3	29,000	29,000	-	-	Medium-High, Required for PCI Compliance
Various	Equip	Vehicle & Equipment Replacement	2	171,500	-	171,500	-	High, most urgent of vehicle & equipment replacement

2015 CIP Plan Year (Gross Funding) - Summary of Funding Priorities by Department

Row Labels	Priority Levels					Grand Total
	1	2	3	4	5	
Electric	66,000	985,000	581,250	42,765		1,675,015
IT		164,542	54,000	25,000		243,542
Maint		95,000		200,000		295,000
Parking		185,250		175,075	5,500,000	5,860,325
Parks		25,000	30,000	202,000		257,000
Police		64,500				64,500
Refuse	77,564	150,000				227,564
Sewer	500,000	600,000				1,100,000
Streets	536,000	1,090,000			70,000	1,696,000
Various		171,500				171,500
Water	2,039,437	1,884,595	295,636	150,000	500,000	4,869,668
Grand Total	3,219,001	5,415,387	960,886	794,840	6,070,000	16,460,114

2015 CIP Plan Year (2015 Net Funding) - Summary of Funding Priorities by Department

Row Labels	Priority Levels					Grand Total
	1	2	3	4	5	
Electric	47,580	625,000	-	-		672,580
IT		164,542	54,000	25,000		243,542
Maint		95,000		200,000		295,000
Parking		185,250		9,825	-	195,075
Parks		5,000	30,000	202,000		237,000
Police		64,500				64,500
Refuse	77,564	150,000				227,564
Sewer	407,249	150,000				557,249
Streets	377,931	264,895			70,000	712,826
Various		-				-
Water	492,203	1,206,522	76,640	150,000	-	1,925,365
Grand Total	1,402,527	2,910,709	160,640	586,825	70,000	5,130,701

Priority	Description
1	Highest Priority Level by default because project is underway and must be completed with the reserve funding identified
2	Highest Priority Level – truly critical need to remediate service level, avoid service interruption, or remediate a failing item or service. Must be 2015.
3	Medium High – the City would be taking a calculated risk in the deferral of this required project.
4	Medium – this project is a NEED and not a WANT, but there is no significant risk in deferring this project or purchase.
5	Low – this project is a NEED and not a WANT, but it can be delayed and evaluated for 2016.