DRAFT #2 CAPITAL IMPROVEMENTS PLAN

FISCAL YEAR 2021



NEW HAVEN PARKING AUTHORITY CAPITAL IMPROVEMENTS PLAN FUNDING ANALYSIS FISCAL YEAR 2021

Draft #2

	(Column A)	(Column B) OTHER DEFERRALS	(Column C) CAPITAL FUNDING	(Column D) CARRIED FUNDS FUNDS	(A+B-C-D) CAPITAL FUNDS
FACILITY	NEEDS FOR FY21	OF FUNDING FOR FY21	AVAILABLE FOR FY21	AVAILABLE FOR FY21	OVER/(SHORT) FOR FY21
Air Rights Garage	\$3,446,500	(\$2,820,000) A	\$780,000	\$229,942	383,442
Union Station Transportation Center	95,550	(85,550) B	0	3,073,256	3,063,256
State Street Garage	1,763,200	0 C	2,540,960	2 (777,760)	0
Unrestricted Facilities	456,650	(125,000) D	(3,055,160)	2 3,904,946	518,136
Special - Unrestricted DECD Grant	0	0	11,414,200	1 (11,414,200)	0
Total	\$5,761,900	(\$3,030,550)	\$11,680,000	(\$4,983,816)	\$3,964,834

^{1 -} Total funding to be covered by \$10,900,000 from DECD plus \$514,200 from NHPA Unrestricted Revenues.

^{2 -} Net \$514,200 to cover DECD projects + \$2,540,960 to fund SSG Capital Repairs for a total support of \$3.055 million.

A - Defer all ARG new construction work, release design/engineering for Elevator projects.

B - Defer all Union Station new projects, release security vehicle.

C - Release work as elevators need NHPA attention.

D - Defer new Unrestricted Capital repairs so focus can be put on existing prjects. Release vehciles, software and related.

Draft #2

INPESTRICTED - SPECIAL DECD GRANT	Amt Notes		0 Apr - Jun mthly contribs	0 soo Capital Projects Status worksheet	(7,051,200) CSG/TSC Concrete, Waterproofing & MEP (17,006) (3,189,600) CSG/TSG/TMC Lighting Replacement (19-006) (1,164,350) TMC Elevator Modernization (19-020)		0 Forecast FY2020 Trans (Add'l Oper Inc.)	(\$11,414,200)
UNRESTRICTED	Amt Notes	496 Capital - Webster 502 Capital - STIF	0 Apr - Jun mthly contribs	502) see Capital Projects Status worksheet	(120) CSG - Record Drawings (17-005) (100) TSG - Record Drawings (17-005) (200) TMG - Repair/Immore (18-00) (200) UAR - Concrete Repair/Drainage (18-011) (200) UAR - Concrete Repair/Drainage (18-011) (201) CSG - Demokhate Retail Space (20-010)	0 Trans from Fund Roserves	000 Forecast FY2020 Trans (Add'l Oper Inc)	146
]	\$882,496		(983,602)	(66,120) (55,100) (281,250) (22,500) (131,950) (693,530)	F2	225,000	\$3,904,946
SSG	Notes	Capital - Webster Capital - STIF	Apr - Jun mthly contribs	see Capital Projects Status worksheet	(867,100) SSG - Repairs & Improve (20-005)	Trans from Fund Reserves	Forecast FY2020 Trans (Add'l Oper Inc)	
	Amt	\$3,900		(71,560)	(867,100)	0	157,000	(\$777,760)
USTC	Notes	R&R - Webster STIF		see Capital Projects Status worksheet	Painting/Coating (16-003) Architectura Repair (15-003A) Pewenent/Concrete Repair (18-011) Garago Correctes/Marchitecture (18-011) USG Exterior Repairs (18-015) USG Decorative Precast Faqade (19-016) Building Interior/Ex Signage (20-009)		370,000 * Forecast FY2020 Net Revenues to Res.	
	Amt	\$0 8,091,698	0	(838,342)	(1,100,000) (1,100,000) (19,000) (108,750) (402,000) (1,449,600) (920,750)	0	370,000	\$3,073,256
ARG	Notes	R&R - Webster R&R - STIF	Mar - Jun mthly contribs	(1,155,486) see Capital Projects Status worksheet	Sidewaik (17-002) Lighting & Electrical (18-003) Concrete Repair/Waterproof (20-002)			
		\$1,073,393	00	(1,155,486)	(250,000) (1,225,744) (2,164,208)		420,000	\$229,942
		Cash Bai - 04/30/2020	Add'l FY20 Cash	Projects - In Progress (3/10/2020)	Add projects from PYICY Approvals	City of New Haven funding	Forecast Add'l FY2020 Funding	Total

^{*-} Based upon State's current position on Sec 5 of L&F.
As updated April 11, 2018.

DRAFT #2

FACILITY	TOTAL COST	FISCAL YEAR 2021	FISCAL YEAR	FISCAL YEAR	FUTURE
Air Rights Garage		2021	2022	2023	YEARS ('24-'25)
Desman condition survey Other	\$19,341,550 \$0	\$3,407,500 \$0	\$3,230,600	\$4,119,450	\$8,584,000
Staff requests: Security ATV	\$10,000	\$10,000	\$0	\$0	\$0
Sweeper	\$29,000	\$29,000	\$0	\$0	\$0
Total ARG	\$19,380,550	\$3,446,500	\$3,230,600	\$4,119,450	\$8,584,000
Crown Street Garage Desman condition survey	\$2,454,850	so	\$1,248,450	\$674,250	\$532,150
Staff requests:		1	4.,2.0,100	75.1,250	1 4002,100
None	\$0	\$0	\$0	\$0	\$0
Total CSG	\$2,454,850	\$0	\$1,248,450	\$674,250	\$532,150
Granite Square Garage (Max NHPA Exposure = \$25K					1
Maximum NHPA Exposure = \$25K per year. Staff requests:	\$125,000	\$25,000	\$25,000	\$25,000	\$50,000
None	\$0	\$0	\$0	\$0	\$0
Total GSG	\$125,000	\$25,000	\$25,000	\$25,000	\$50,000
State Street Garage		1			1
Desman condition survey	\$6,142,236	\$1,763,200	\$851,150	\$1,412,336	\$2,115,550
Staff requests: None	¢0				
Total SSG	\$6,142,236	\$0 \$1,763,200	\$0 \$851,150	\$0 \$1,412,336	\$0 \$2,115,550
Temple Medical Garage		1 1	1 1		1 1
Desman condition survey Staff requests:	\$3,118,950	\$0	\$495,900	\$320,450	\$2,302,600
None	\$0	\$0	\$0	\$0	\$0
Total TMG	\$3,118,950	\$0	\$495,900	\$320,450	\$2,302,600
Temple Street Garage		1 1			
Desman condition survey	\$10,067,350	\$0	\$6,668,550	\$1,162,900	\$2,235,900
Staff requests: None	eo	60	00		
Total TSG	\$0 \$10,067,350	\$0 \$0	\$0 \$6,668,550	\$1,162,900	\$0 \$2,235,900
Under Air Rights Lot			1		1
Desman condition survey	\$100,050	\$0	\$0	\$0	\$100,050
Total UAR	\$100,050	\$0	\$0	\$0	\$100,050
Union Station Building			1 1		
Desman condition survey	\$6,087,100	\$85,550	\$169,650	\$3,195,800	\$2,636,100
Staff requests:	••				
None Total USG	\$6,087,100	\$0 \$85,550	\$0 \$169,650	\$0 \$3,195,800	\$2,636,100
Union Station Garage			1 1	1 1	1
Desman condition survey	\$2,881,150	\$0	\$856,950	\$597,400	\$1,426,800
Staff requests:					,,,,,,
Security ATV Total USG	\$10,000	\$10,000	\$0	\$0	\$0
	\$2,891,150	\$10,000	\$856,950	\$597,400	\$1,426,800
Surface Lots Staff requests:			1 1	1 1	1
Equipment	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0
Repairs - General Surface Lots	\$500,000	\$100,000	\$100,000	\$100,000	\$200,000
Total Lots	\$500,000	\$100,000	\$100,000	\$100,000	\$200,000
Rolling Stock & Equipment Staff requests:			1 1	1 1	
Executive Director New EV	\$42,000	\$42,000		1 1	1 1
Admin/Manager EV	\$42,000	\$42,000	1	1 1	1 1
Ride on sweeper	\$29,000	\$29,000	1 1	1 1	1 1
Maintenance Vehicle w/plow	\$49,000	\$49,000	1	1 1	1 1
Security ATV (TSG and CSG) Total Lots	\$20,000	\$20,000			
	\$182,000	\$182,000	\$0	\$0	\$0
Administration Staff requests:				1 1	1 1
PCs (Normal = 6/year) + Office Equip	\$38,250	\$9,750	\$9,500	\$9,500	\$9,500
General Ledger Upgrade	\$99,500	\$99,500	\$0	\$0	\$0
Virtual Server Upgrade Chairs - Meeting rooms	\$34,400 \$6,000	\$34,400 \$6,000	\$0 \$0	\$0	\$0
Total Administration	\$178,150	\$149,650	\$9,500	\$0 \$9,500	\$0 \$9,500
GRAND TOTAL	\$51,227,386	\$5,761,900	\$13,655,750	\$11,617,086	\$20,192,650
TOTAL ARG	\$19,380,550	\$3,446,500	\$3,230,600	\$4,119,450	\$8,584,000
TOTAL USTC	\$8,978,250	\$95,550	\$1,026,600	\$3,793,200	\$4,062,900
TOTAL SSG	\$6,142,236	\$1,763,200	\$851,150	\$1,412,336	\$2,115,550
TOTAL UNRESTRICTED	\$16,726,350	\$456,650	\$8,547,400	\$2,292,100	\$5,430,200

Air Rights Parking Garage Projected Five Year Construction Costs (FY 2020)



		Work Description		Prioritized Repairs (FY 2021)	E	arly Repairs (FY 2022)	Pro	ogrammed-Term Repairs (FY 2023)		Long-Term Repairs (FY 2024)	E	tended-Term Repairs (FY 2025)	(1	Future Repairs FY 2026 - FY 203
A	Stru	actural (see note 9 below)		Margarette.										
	1	Concrete Repairs (Partial Depth)	\$		\$	413,000.00	\$	134,000.00	\$	699,000.00	\$	147,000.00	1	2,332,000.0
	2	Surface Scaling Repair	\$		\$	-	\$	134,000.00	\$		\$	147,000.00	[5	341,000.0
	3	Miscellaneous Vertical and Overhead Repair	\$		\$	•	\$	34,000.00	\$	(*)	\$	37,000.00	3	86,000.0
	4	Miscellanous Vertical and Overhead Repair at Pedestrian Bridge	\$		\$	-	\$		\$	•	\$	-		
B.	5	Structural Analysis of Garage for Development of Structural Repair Options	\$		\$	-	\$	•	\$		\$	-	3	-
D.	1	erproofing Issues (see note 9 below) Traffic Bearing Waterproofing Membrane Repair					_	40.000.00	-					
	2	New Traffic Bearing Waterproofing Membrane Installation	\$	-	\$		\$	40,000.00	\$		\$	45,000.00		49,000.0
	3	Topically Applied Corrosion Inhibitor	\$		\$	- :	\$	134,000.00	\$	-	\$	147,000.00	3	
	4	Programed Repair / Replace Expansion Joint	\$		\$	80,000,00	\$		\$		s		3	
	5	Install/Replace Urethane Sealants	\$		\$	127.000.00	\$		\$	140,000.00	\$	- :	1	
	6	Recoating of P/T Anchorages	\$		s	127,000.00	\$		\$	140,000.00	\$	-	1	
	7	Roofing Repairs over Stairs and Elevators	\$		\$	-	\$	-	\$	-	\$		1	
	8	Waterpoofing of Exterior of Stair/Elevator Cores	\$		\$	-	\$		\$	-	\$	-	1	
	9	Waterproofing of Pedestrian Bridge	\$		\$		\$		\$	-	\$		1	
	10	Street Level, Sidewalk EJ/Sealant Replacement	\$		\$	-	\$	(4.4)	\$	-	\$		1	
C.	Arch	itectural Enhancements (see note 9 below)												
	1	Garage Façade Enhancements, southern	9											
	\vdash	approach	\$	•	\$	•	\$	333,000.00	\$		\$		13	-
	2	Garage Façade Enhancements, northern approach Stair A/Elevator 1 & 2 Lobby, Ground Level, Entrance Enhancements	\$	-	\$		\$	333,000.00	\$		\$	-	3	
	3	(Exterior) and Streetscape Improvements	\$	-	\$	-	\$	167,000.00	\$		\$		3	
	4	Stair A/Elevator 1 & 2 Lobby, Ground Level, Improvements	\$		\$	-	\$	67,000.00	\$	-	\$	-	3	
	5	Stair G/Elevator 3 & 4 Lobby, Ground Level, Entrance Enhancements (Exterior) and Streetscape Improvements	\$	<u>.</u>	\$	-	\$	167,000.00	\$	-	\$		_	
	6	Stair G/Elevator 3 & 4 Lobby, Ground Level, Improvements	\$		\$		\$	67,000.00	\$		\$	-	\$	
	7	Vehicular Enhancements, corner of Rev. MLK. Boulevard and York Street	\$		\$		\$	67,000.00	\$	-	\$		5	
	8	Stair A/Elevator 1 & 2 Lobby, Level 2 Enhancements	\$	-	\$	-	\$	67,000.00	\$	-	\$	-	5	
	9	Level 2, Skywalk Connection/Paystation Kiosk Enhancements	\$	2	\$		\$	134,000.00	\$		\$		5	
	10	Restroom Renovations (behind Security Control Office/behind Manager's Office)	•		s	96,000.00					•		١,	
	11	Replacement of Rubber Bumper Guards	\$		S	-	\$	466,000.00	\$		\$		5	
		Railing Modifications around at Exit	*		*	-	Ÿ	400,000.00	Þ		3		- 13	•
	12	Ramps, Levels 1 & 2	\$		\$		\$	-	\$	-	\$	-	١	
	13	Replacement of Access Hatches & Metal Stairs (Street Level into Mech												~
		Rooms below)	\$		\$	127,000.00	\$	-	\$		\$		5	-
D.	_	trical Issues (see note 9 below) Programed Relamping of Light Fixtures	_				_		_					
	-	Replacement/Installation of New LED Light Fixtures	\$		\$	-	\$	•	\$	-	\$	-	\$	
	3	Miscellaneous Electrical Repairs	\$	31,000.00	\$	-	\$		\$		\$		5	
	4	Rebuilding of Emergency Generator	\$	31,000.00	\$	-	\$	•	\$		\$	74,000.00	5	
	5	Replacement of T12 Flourescent Lamps	\$	-	\$	-	\$	-	\$	-	\$	74,000.00	1	
	6	Thermal Scanning	\$	10,000.00	\$		\$	-	\$	11,000.00	\$		3	
	7	Miscellaneous Electrical Repairs	\$		\$	-	\$		s	-	\$	-	1	
	8	Removal of Abandoned Globe Fixtures	\$	-	\$	-	\$		\$		\$	-	1	
	9	Relamping and Cleaning of Elevator Lobby Fixtures	\$		\$	•	\$		\$		\$	-	1	
	10	Emergency Generator Preventative Maintenance & Load Test	\$		\$		\$		\$		\$		5	
	11	Surge Protection	\$	-	\$	•	\$		\$	-	\$		\$	
	_	Replacement of Roof Level Light Fixtures	\$		\$		\$		\$		\$	-	\$	
		Lighting/Signage Control System Programming & Adjustments with Rel	\$		\$		\$	7,000.00	\$		\$		\$	
E.	_	hanical/Plumbing Issues												
	$\overline{}$	Cleaning Floor Drains	\$	-	\$		\$		\$	14,000.00		-	\$	
	$\overline{}$	Installation/Replacement of Floor Drains Replacement of Drainage System	\$	•	\$	39,000.00	\$	-	\$	42,000.00		70100		
		Clean and Flush Sand/O.I Separators	\$	-	\$	7 000 00	\$	•	\$	7 000 00	\$	734,000.00	\$	
	$\overline{}$	HVAC Improvements/Replacement to Office Corridor & Secondary Rooms)	\$	•	\$	7,000.00	\$		\$	7,000.00	\$		\$	
	$\overline{}$	Water Line Connection to Snowmeiter	\$	•	\$		\$		\$	•	\$	-	\$	
		Removal of Abandoned Boiler	\$	-	\$	-	\$		\$	-	\$	-	\$	
	-	Msc. Repairs/Improvements to Drainage System (related to 16-011; all	\$	-	\$		\$		\$	•	\$	-	\$	AND
	$\overline{}$	Replacement of Sanitary Piping with new insulation/heat trace	\$	-	\$	9,000.00	\$	•	\$		\$		\$	
	-	Replacement of Boiler	\$		\$	-	\$		\$	-	\$	37,000.00	\$	
		Installation of Gutters at Smilow Canopy	\$		\$	32,000.00	\$	-	\$	-	\$	37,000.00	\$	
E.	-	ator Upgrades and Improvements:	Ť		*	02,000.00	3		4		-		3	
		Maintenance Audit (Bi-Ennial)	\$		\$	3,000.00	\$		\$	3,000.00	\$		S	4,000.00
		Replacement of Car Safety Governors	\$	-	\$	-	\$	-	\$	-,000,00	\$	-	\$	
		Modernization of (4) Elevators		2,309,000.00	\$	-	\$		\$		\$	-	\$	
F.	Secu	nity System Replacement (see note 7 below)							Í				Ì	
		Study for the Replacement of the Security System	\$		\$		\$	47,000.00	\$		\$		\$	
	_	Replacement of the Security System	\$		\$		\$		\$	2,656,000.00	_		\$	
G.	_	nue Control Equipment Renewal & Replacement (see note 8 below)												
	_	Study for the Replacement of the Revenue Control/Guidance Equipment	\$		\$		\$	27,000.00	\$		\$		\$	
	_	Replacement of the Revenue Control Equipment	\$		\$		\$	•	\$	602,000.00	\$		\$	
	3	Replacement of the Guidance System Equipment	\$		\$	•	\$	-	\$	322,000.00	\$		\$	
												111700-111111	AP	RIL 2020



CONDITION APPRAISAL AIR RIGHTS PARKING GARAGE

PAGE 53



Air Rights Parking Garage **Projected Five Year Construction Costs** (FY 2020)

		Work Description	Prioritized Repairs (FY 2021)		Early Repairs (FY 2022)	Pro	ogrammed-Term Repairs (FY 2023)	1	ong-Term Repairs (FY 2024)		ended-Term Repairs FY 2025)	(F	Future Repairs Y 2026 - FY 2030)
H.	Sil	te Improvements (see note 9 below)											
	1	Cover Sloped Gravel Areas with Concrete (Garage Under-Space)	\$.	s		\$	233,000.00	s		\$	-	s	
	2		\$.	s		s	-	s	-	s	_	s	
1.	М	scellaneous Repairs & Improvements (see note 9 below)	•	1		1		-				Ť	
	1	Misc. Signage Repairs & Improvements (Interior & Exterior Signage)	\$.	s	16.000.00	s		s		s		s	
	2		\$.	S		s		\$	-	s	-	\$	
	3		\$		W. C.	·		s	-	s	_	s	
	4		\$.			-		s		s		s	
	5		\$.	s		s	14,000.00	s		\$	-	s	
	6		\$.			\$	14,000.00	_		s		s	
	7		\$.			\$		s	-	s		s	
	8		\$.		-	s	20,000.00	s		s		S	-
	9		\$.	s		s	-	s		s	-	s	
	10		\$.	- 1:		s		\$		s		s	
	1	Replacement of Broken Glass and Cleaning of Glass in Stainwells	\$	s		s	20,000.00		_	s	_	s	_
	1:		\$.			\$	14,000.00	_		\$		s	
	1:		\$.			s	7,000.00	_		s		s	_
	1		\$.	s		s	14,000.00	_		s		s	
	1		\$.			\$	- 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	s		\$	-	s	
	10		s .	s		s	80,000.00	-		s		s	
J.	Mi	scellaneous Coordination Work				Ť	00,000.00	-		_		Ť	
	1	Parking Stall & Lane Striping	\$ -	s	32,000,00	s		s	35.000.00	s		\$	129,000.00
K.	Fil	e Management	A CONTRACTOR									Ť	120,000,000
	1	Preparation of Record Drawings	\$.	s	20,000,00	s		s	21,000.00	s	-	s	79,000.00
	2		s .	s		s		s	-	s		s	
	Sı	ıb-Total	\$2,350,000	.00	\$2,228,000.00	Ť	\$2,841,000.00	1	\$4,552,000.00	\$	1,368,000.00	Ť	\$3,993,000.00
	20	% Contingencies (Except Depicted Otherwise)	\$470,000	.00	\$445,600.00		\$568,200.00		\$910,400.00		\$273,600.00		\$798,600.00
		% Engr. & Construction Management, incl. Program Management (Unless picted Otherwise)	\$587,500	.00	\$557,000.00		\$710,250.00		\$1,138,000.00		\$342,000.00		\$998,250.00
	To	tal Phased Construction Costs with contingencies:	\$3,407,500	.00	\$3,230,600.00		\$4,119,450.00		\$6,600,400.00	\$	1,983,600.00		\$5,789,850.00

TOTAL Construction Cost with Contingencies (5-years, 2021-2025):

\$19,341,550.00

TOTAL Construction Cost with Contingencies (10-years, 2026-2030):

\$25,131,400.00

- Note 1: Costs Presented do not Include Typical Operational & Maintenance Costs Except as Noted.

 Note 2: Costs include a 15% allowance for General & Special Conditions.

- Note 3: Future costs incorporate a cumulative 6% inflation for all costs, to be adjusted annually.

 Note 4: Costs associated with NHPA Project No. 12-002 are included with FY 2016, and include engineering & construction management fees, a 15% construction contingency, as well as a cumulative 5% inflation for all costs adjusted annually.

 Note 5: Depending on actual of completion of NHPA Project No. 13-013 and performance of new system currently being installed, scheduling of
- future work may be adjusted accordingly.

 Note 6: Depending on actual of completion of NHPA Project No. 11-012 and performance of new system currently being installed, scheduling of future work may be adjusted accordingly.
- Note 7: The Work anticipates that the following quantity of parking spaces will be taken out of service in order to perform the work (based upon NHPA Project #13-002): from June 1st to August 31, a maximum of 100 spaces may be taken out of service between 6:00 AM and 6:00 PM, from September 1st to May31, a maximum of 50 spaces may be taken out of service between 6:00 AM and 6:00 PM, during evenings from 6:00 PM to 6:00 AM as well as weekends, a maximum of 400 spaces may be taken out of service. Regarding Level 4, from 6:00 AM to 6:00 PM, a maximum of 5 parking spaces may be taken out of service, and from 6:00 PM to 6:00 AM as well as weekends, a maximum of 25 parking spaces may be taken out of service.







		Work Description	Re	oritzed epairs ' 2021)		Early Repairs (FY 2022)		Programmed Repairs (FY 2023)	(F	Long-Term Repairs Y 2024 - 2025)
A	Conce	rete Deck/Ramp Repair:								
	1	Miscellaneous Concrete Topping Repair	\$		\$		\$	4,000.00	\$	4,000.00
	2	Miscellaneous Overhead Concrete Repair (Silo)	\$		\$	-	\$	2,000.00	\$	2,000.00
	3	Miscellaneous Vertical Concrete Repair (Silo Parapets)	\$	-	\$		\$	1,000.00	\$	1,000.00
	4	Miscellaneous Overhead Concrete Repair (Garage)	\$		\$	•	\$	1,000.00	\$	1,000.00
	5	Miscellaneous Vertical Concrete Repair (Garage)	\$		\$	-	\$	3,000.00	\$	3,000.00
	6	Miscellaneous Concrete Curb Repair (garage proper) (including behind roof wheelstops)	\$	-	\$		\$	1,000.00	\$	1,000.00
	7	Miscellaneous Concrete Curb Repair (silo)	\$	-	\$	-	\$	3,000.00	\$	3,000.00
	8	Concrete Scaling Repair/Application of Healer/Sealer	\$		\$		\$	1,000.00	\$	1,000.00
	9	Miscellaneous Vertical Concrete Repair (Exterior of Silo Center)	\$		\$		\$	5,000.00	\$	
	10	Sidewalk Repairs and Replacement	s		\$	111,000.00	\$	3,000.00	\$	5,000.00
В.		rproofing Issues:	1 *	-	1 3	111,000.00	3	•	*	
В.	1	Programed Expansion Joint Repair/Replacement	\$		-		-			
	2	Msc. Cracks Repair	\$	-	\$	-	\$	-	\$	
	3	•			\$	•	\$	1,000.00	\$	1,000.00
	-	Misc. Control/Construction Joint Repair	\$	•	\$	-	\$	1,000.00	\$	1,000.00
	4	Misc. Cove Joint Repair	\$		\$		\$	2,000.00	\$	2,000.00
	5	Flashing along Center-line (column-line D) and related flashing	\$	•	\$	-	\$	-	\$	
	6	Coating throughout Silo Center	\$	-	\$	•	\$		\$	•
	7	Study for Silo Enclosure/Protection/Ice-Melt Options	\$	-	\$	-	\$	•	\$	•
	8	Repair to Asphaltic/Protected Membrane System	\$	-	\$	•	\$		\$	•
C.	Archit	ectural Enhancements:								
	1	Exterior Pedestrian Corridor and Entrance Enhancement at the Crown Street Stair/Elevator Tower	\$	-	\$	191,000.00	\$	-	\$	-
	2	Garage Entrance (from Crown Street) Enhancements	\$	•	\$	•	\$	200,000.00	\$	(-)
	3	Garage Entrance (from College Street) Enhancements	\$	=	\$	•	\$	200,000.00	\$	•
	4	Typical Stair/Elevator Lobby Enhancements (Crown Street Stair/Elevator Tower) (including refreshment of College St Lobby, Ground Level)	\$	-	\$	317,000.00	\$		\$	-
	5	Installation of Colored Plexiglass/Crown Street Stair, Ground Level	\$	•	\$	4,000.00	\$		\$	-
D.	Mecha	anical & Electrical Work:								
	1	Cleaning Floor Drains (w/ Construction)	\$	•	\$		\$		\$	14,000.00
	2	Cleaning of Sand/Oil Separator	\$	-	\$	-	\$	•	\$	3,000.00
	3	Surge Protection	\$	-	\$		\$	-	\$	
	4	Installation of New Illuminated Signage	\$		\$	-	\$	-	\$	-
	5	Telephone Block Maintenance/Improvements	\$		\$		\$	(*)	\$	
	6	Lighting/Signage Control System Programming & Adjustments with Related Training	\$		\$	•	\$	•	\$	
	7	Replacement/Installation of New LED Light Fixtures	\$	-	\$	-	\$		\$	
F.	Elevat	or Upgrades and Improvements:								
		Maintenance Audit (Bi-Ennial)	\$	-	\$	3,000.00	\$	-	\$	3,000.00
E.	Securi	ity Improvements								
		Installation of Security System (i.e. Calibox System, Cameras, and other components)	\$	-	\$		\$		\$	
F.	Misce	laneous Painting:								
	1	Concrete & Masonry Surfaces	\$		\$	127,000.00	\$		\$	
	2	Exposed Metal Surfaces (including corbel pads)	\$	-	\$	108,000.00	\$	· ·	\$	
	3	Parking Stall & Lane Striping	\$		\$	-	\$	10,000.00	\$	21,000.00
F.	Revenu	ue Control Equipment Renewal & Replacement								
	1	Study for the Replacement of the Revenue Control Equipment	\$		\$		\$	10,000.00	\$	
	2	Replacement of the Revenue Control Equipment	\$	-	\$		\$		\$	301,000.00
G.		anagement							-	1,000,00
		Preparation of Record Drawings	\$	-	\$		\$	20,000.00	\$	
	-	Scanning of Original Drawings	\$		\$		\$	20,000.00	\$	
,		sub-Total	-	\$0.00	<u> </u>	\$861,000.00	•	\$465,000.00	•	\$367,000.00
		0% Contingencies (Unless Depicted Otherwise)		\$0.00		\$172,200.00	_	\$93,000.00		\$73,400.00
		5% Engr. & Construction Management, incl. Program Management (Unless Depicted Otherwise)		\$0.00		\$172,200.00		\$116,250.00		
		otal Phased Construction Costs with contingencies:		\$0.00		\$1,248,450.00				\$91,750.00
				40.00		¥1,240,450.00	_	\$674,250.00		\$532,150.00

TOTAL Construction Cost with Contingencies:

\$2,454,850.00



Table 1 270 State Street Parking Garage Projected Five Year Construction Cost (FY 2020)



		(F1 2020)								
				Prioritized		Early		Programmed		Long-Term
		Work Description		Repairs		Repairs		Repairs		Repairs
				(FY 2021)		(FY 2022)		(FY 2023)		(FY 2024- 2025)
			_		_		_		_	
A	_	aneous Concrete Repair:	_		_		_		_	
		Concrete Apron/Wash Replacement/Repair	\$	-	\$		\$		\$	
	2	Miscellaneous Precast Concrete Tee Repair	\$		\$	-	\$		\$	
	3	Concrete Curb Replacement/Repair	\$	-	\$		\$	-	\$	
	4	Miscellaneous Overhead Concrete Repair	\$	-	\$	-	\$		\$	
	5	Miscellaneous Vertical Concrete Repair (including spandrel connections)	\$		\$		\$		\$	
	6	Miscellaneous Shear Connector Repair	\$		\$		\$	-	\$	
	7	Miscellaneous Spandrel/Column Connections	\$	-	-		*		-	
	8		-		\$		3	-	\$	
	9	Application of Healer/Sealer & Overlay	\$	-	\$	254,000.00	\$		\$	-
		Bituminous Concrete (asphati) Repair	\$	-	\$	96,000.00	\$	•	\$	-
В.	_	oofing Issues:								
	1	CrackRepair	\$	-	\$	-	\$	-	\$	
	2	Control/Construction Joint Repair/Replacement	\$		\$	-	\$		\$	-
	3	Cove Joint Repair/Replacement (including vertical joints at columns/spandrel connections)	\$	-	\$	-	\$		\$	
	4	Vertical/Wall Joint Replacement (including shear walls)	\$		\$		s		\$	
	5	Precast Concrete Tee Joint Repair/Replacement (including lifting pockets)	\$	-	\$		è		\$	-
	_	Waterproofing Membrane Repair/Recoat	\$		_		5		_	
	-		-		\$	23,000.00	·		\$	-
	7	Application of Corrosion inhibitor	\$		\$	105,000.00	\$	-	\$	•
		Flashing Installation along center-line	\$		\$	13,000.00	\$		\$	-
	9	Façade Joint/Sealant Replacement	\$	-	\$	26,000.00	\$		\$	
	10	Misc. Flashing Repair/Replacement	\$	55	\$	4,000.00	\$	-	\$	
	11	Expansion Joint Replacement	\$	0.40	\$	20,000.00	-	-	\$	•
C.	Archite	tural Enhancements:							_	
	_	Wheelstop Replacement	\$		\$		\$	34,000.00		-
	2		-	0.00	_				\$	
	_	Spandrel Railing Replacement	\$		\$	-	\$	40,000.00	\$	
	3	Stair Railing Replacement	\$		\$		\$	134,000.00	\$	-
	4	Metal Stair Repair	\$	•	\$	•	\$	67,000.00	\$	
	5	Stair/Elevator Tower Roof Replacement	\$	-	\$		\$	67,000.00	\$	
	6	Vehicle Guardrail Installaton	\$	0.50	\$		\$	200,000.00	\$	
	7	Fencing Repair	\$		\$	-	s	34,000.00	\$	
	8	Tenant Storefront Replacement	\$		\$		s		_	
	9		-		_		-	80,000.00	\$	
		Garage Entrance Enhancements (conceptual budgetary all owance)	\$		\$		\$		\$	140,000.00
	10	Stair/Elevator Lobby Enhancements (Ground Level from State Street)	\$	•	\$	-	\$	-	\$	91,000.00
	11	Typical Stair/Elevator Lobby Enhancements	\$	•	\$		\$	-	\$	168,000.00
	12	Exterior Pedestrian Corridor Enhancements	\$	-	\$	-	\$	-	\$	210,000.00
	13	Typical Stair/Elevator Enclosure (Roof Level) Enhancements	\$	-	\$		5	2	\$	210,000.00
	14	Courtyard Pedestrian Entrance Enhancements	\$		\$		\$		\$	105,000.00
	15	Courtyard Enhancements	\$		\$		s		\$	210,000.00
		Replacement of Pipe Guards	\$		_		-			
-			13	19,000.00	\$	-	\$		\$	-
D.	Electric		_		_					
	1	Miscellaneous Electrical (Distribution) Repairs	\$	-	\$	•	\$	20,000.00	\$	-
	2	Installation of New LED Light Fixtures (including exit signs, emergency lighting, stair lights and control improvements)	\$		\$	-	\$	167,000.00	\$	
	3	Fire Harm System Installation	\$		\$		\$	67,000.00	\$	-
	4	Security System Improvements	\$		\$		\$	34,000.00	\$	
	5	Surge Protection	\$	-	\$	-	\$	4,000.00	\$	
F		Upgrades and Improvements:	1.		-		-	4,000.00	3	
L.										
	$\overline{}$	Modernization of Elevators (and related enhancements, including machine room improvements)	\$	1,184,000.00	_	-	\$	-	\$	-
	2	Maintenance Audit (Bi-Ennial)	\$		\$		\$	2,000.00	\$	2,000.00
F.	Mechani	cal Repairs and Improvements								
	1	Cleaning of Floor Drains (with construction)	\$		\$	-	\$	10,000.00	\$	11,000.00
	-	Msc. Plumbing Repairs	\$	2.00	\$		\$	11,025.00	\$	14,000.00
		Replacement of Floor Drains	\$	-	\$		\$	11,023.00	\$	13,000.00
	4	Installation of Sand'Oil Separator/Separation of Storm & Sewer	\$		\$		\$		-	
			-		-				\$	•
	_	Repair of Drain Piping	\$	•	\$		\$	•	\$	•
	6	Replacement of Sump Pump	\$	•	\$	-	\$	-	\$	-
	7	Cashier Booth Improvements	\$	•	\$	13,000.00	\$		\$	
	8	Tenant Space Improvements	\$	-	\$	20,000.00	\$	-	\$	-
	9	Fire Standpipe Repairs/Maintenance	\$	-	\$		\$		\$	-
	$\overline{}$	Fire Standpipe System Replacement	\$	-	\$	-	\$		\$	
C	Painting		1.	150	Ť	_	<u> </u>	-	•	-
G.			Le							
	-	Miscellaneous Metal Surfaces (including cold-galv of connections)	\$	-	\$		\$		\$	70,000.00
	_	Miscellaneous Concrete & Masonry Surfaces	\$	(*)	\$	-	\$	•	\$	28,000.00
	3	Parking Stall & Lane Striping	\$		\$	13,000.00	\$	-	\$	14,000.00
		Fire Standpipe Piping	\$	13,000.00	\$	-	\$	-	\$	-
H.	Access/R	evenue Control Equipment Renewal & Replacement								
	1	Study for the Replacement of the Revenue Control Equipment	5	• .	\$	-	\$	- 1	\$	4,000.00
	- 52	Replacement of the Revenue Control Equipment	-				_		_	
			\$		\$		\$	-	\$	77,000.00
		Replacement of Overhead Door System	\$	-	\$	-	\$	-	\$	-
I.	Miscella	neous Repairs & Improvements								
	1	Façade Repairs/Cleaning	\$	-	\$	-	\$	-	\$	35,000.00
	2	Signage Improvements	\$		\$		\$	-	\$	70,000.00
		Sub-Total:	1	\$1,216,000.00		\$587,000.00		\$974,025.00	-	\$1,459,000.00
		20% Contingencies (Unless Depicted Otherwise)	1	\$243,200.00		\$117,400.00	-		_	
			-		_			\$194,805.00		\$291,800.00
		25% Engr. & Construction Management, incl. Program Management (Unless Depicted Otherwise)	-	\$304,000.00		\$146,750.00	12	\$243,506.25		\$364,750.00
		Total Phased Construction Costs with contingencies:		\$1,763,200.00		\$851,150.00		\$1,412,336.25		\$2,115,550.00

TOTAL Construction Cost with Contingencies:

\$6,142,236.25



Table 1 Temple Medical Parking Garage Projected Five Year Construction Cost (FY 2020)



		Work Description	Prioritized Repairs (FY 2021)		Early Repairs (FY 2022)	Table 1	Programmed Repairs (FY 2023)		Long-Term Repairs (FY 2024- 2025)
A.	Concre	ete Repairs:							
	1	Partial Depth Concrete Repair	s -	\$		\$	10,000.00	\$	10,000.00
	2	Miscellaneous Scaling Repair/Application of Helaer/Sealer/Overlay	\$ -	\$	-	\$	125,000.00	-	132,000.00
	3	Miscellaneous Concrete Curb Repair	\$ -	\$	-	\$	40,000.00		11,000.00
	4	Miscellaneous Epoxy Injection	\$ -	s		\$	2,000.00	\vdash	6,000.00
	5	Miscellaneous Vertical & Overhead Concrete Repair	\$ -	s		\$	13,000.00	\vdash	4,000.00
	6	Miscellaneous Stair Tread Repair	\$ -	s		\$	7,000.00	-	2,000.00
	7	Concrete Rib Repair	\$ -	s		\$	-	\$	-
	8	Miscellaneous CMU/Masonry Repair	\$ -	\$		\$		\$	
	9	Miscellaneous Exterior Brick Re-Pointing	\$ -	5		s		\$	
B.		proofing Repairs:	1*	1,	-	٦	-	3	
	1	Expansion Joint Repair/Replacement	s -	T.					
	2	Crack Repair		\$		\$	•	\$	-
	3		\$ -	\$	•	\$	•	\$	•
	_	Miscellaneous Control/Construction Joint Repair	\$ -	\$	*	\$	-	\$	-
	4	Miscellaneous Cove Joint Repair	\$ -	\$, a	\$	-	\$	
C.		ectural Enhancements:		_				_	
	1	Garage Façade, approach from George Street, Enhancements	\$ -	\$	-	\$	-	\$	210,000.00
	2	Garage Façade, approach from M.L.K. Boulevard, Enhancements	\$ -	\$		\$	1.00	\$	210,000.00
	3	Manager's Office	\$ -	\$		\$		\$	210,000.00
	5	Maintenance Area Improvements (Lot #009)	\$ -	\$	•	\$	-	\$	280,000.00
	6	Replacement of Wood Bumper Guards Exterior Pressure-Washing/Cleaning	\$ - \$ -	\$	96,000.00	\$	•	\$	•
	7	Replacement of Doors & Frames	s -	\$	96,000.00	\$		\$	
D.		cal/Mechanical/Plumbing Work:		1.	55,055.05	1		Ľ	
	1	Cleaning Floor Drains (W/ Construction)	s -	\$		\$		\$	
	2	Installation of Washdown System	s -	\$		\$		\$	210,000.00
	3	Replacement/Installation of New LED Light Fixtures	s -	s		s		5	210,000.00
E.	1	tor Upgrades and Improvements:	1	1,		,	-	3	-
			s -	T.	2,000.00				0.000.00
-	2	Maintenance Audit (Bi-Ennial)	\$ - \$ -	\$		\$	-	\$	2,000.00
-		Modernization of (2) Elevators	-	\$	-	\$	-	\$	-
F.	Secur	ity Improvements	<u> </u>	Т.		Ι.			
	_	Installation of Security System (i.e. Callbox System, Cameras, and other components)	\$ -	\$	•	\$	•	\$	-
F.		ue Control Equipment Renewal & Replacement		_					
	1	Study for the Replacement of the Revenue Control Equipment	\$ -	\$	-	\$	10,000.00	\$	-
	2	Replacement of the Revenue Control Equipment	s -	\$		\$	32	\$	301,000.00
G.	Paintir							_	
	1	Concrete & Masonry Surfaces (including ramp walls)	\$ -	\$	32,000.00	\$	-	\$	•
	2	Exposed Metal Surfaces (including guardrail system)	\$ -	\$	64,000.00	\$		\$	3
	3	Parking Stall & Lane Striping	\$ -	\$	-	\$	14,000.00	\$	-
H.	Signag	e Improvments:							
		Repairs and Miscellaneous Replacement of Signage Program	s -	\$	32,000.00	\$		\$	
l.	File M	anagement							
	1	Preparation of Record Drawings	s -	\$	20,000.00	\$		\$	-
Ì	2	Scanning of Original Drawings	\$ -	\$		\$		\$	-
	s	Sub-Total	\$0.00		\$342,000.00		\$221,000.00		\$1,588,000.00
	2	20% Contingencies (Unless Depicted Otherwise)	\$0.00		\$68,400.00		\$44,200.00		\$317,600.00
	2	25% Engr. & Construction Management, incl. Program Management (Unless Depicted Otherwise)	\$0.00	T	\$85,500.00		\$55,250.00	\vdash	\$397,000.00
		Total Phased Construction Costs with contingencies:	\$0.00	\vdash	\$495,900.00		\$320,450.00		\$2,302,600.00
		▼ 100 mm (1 mm		_			, ,		,,000.00

Note 1: Costs Presented do not include Typical Operational & Maintenance Costs Except as Noted

Note 2: Costs include a 15% allowance for General & Special Conditions.

Note 3: Future costs incorporate a cumulative 5% inflation for all costs, to be adjusted annually



\$3,118,950.00

Temple Street Parking Garage **Projected Five Year Construction Cost**



(FY 2020)

	Work Description		Prioritized Repairs (FY 2021)		Earty Repairs (FY 2022)		Programmed Repairs (FY 2023)		Long-Term Repairs (FY 2024-2025
. (Concrete Work:								
Т	1 Miscellaneous Partial Depth Concrete Deck Repair	s		\$		\$	2,000.00	S	2,00
-	2 Miscellaneous Roof Overlay Repair	\$		\$	-	\$	5,000.00		5,00
- 1	3 Miscellaneous Lower Level Overlay Repair	s		\$		\$	1,000.00		1,00
-		_		-		13	1,000.00		
H	The state of the s	\$		\$	•	_		\$	47,00
L	5 Miscellaneous Overhead Concrete Repair (incl. misc. replacement for color improvements)	\$		\$		\$	20,000.00		21,00
	6 Miscellaneous Vertical Concrete Repair (incl. misc. replacement for color improvements)	\$		\$		\$	3,000.00	\$	3,00
	7 Miscellaneous Curb Repair	\$		\$	-	\$	1,000.00	\$	1,00
	8 Miscellaneous Exterior Sidewalk and Bench Repair	\$		\$		\$	1,000.00		1,00
-	9 Miscellaneous Stair Repair	\$		\$		\$	1,000.00		1,00
H	10 Roof Level Wear Course Installation/Partial-Deoth Repair			-		-		-	
-		\$	•	\$		\$	277,000.00	-	146,00
L	11 Partial-Depth Concrete Repair, Ground Level	\$		\$		\$		\$	
Г	12 "Cobra-Head" Light Standard Repair	\$				\$	134,000.00	\$	140,00
١	Vaterproofing Work:	_							
T	Traffic Bearing Membrane Installation and Repair	\$		_		_		_	
-	a. Miscellaneous Traffic Bearing Membrane Repair	\$		-		-		-	
-		_		\$		\$	•	\$	
L	b. Membrane Installation on Ramp from Level 2 to Level 1	\$		\$	-				
	2 Programed Expansion Joint Replacement	\$		\$		\$		\$	
	3 Crack Repair	\$		\$		\$		s	
-	a. Roof Deck	s		s		_		<u> </u>	4.00
\vdash		_	•	-		\$	1,000.00		1,00
L	b. Lower Levels	\$	-	\$	-	\$	1,000.00	\$	1,00
	4 Control/Construction Joint Repair	\$		\$		\$		\$	
Γ	a. Roof Deck	\$		\$		\$	1,000.00	s	1,00
H	b. Lower Levels	\$		\$		\$	1,000.00	<u> </u>	1,00
\vdash	5 Cove Joint Repair						1,000.00	13	1,00
\vdash		\$	•	\$	•	\$		15	
L	a. Roof Deck	\$		\$		\$	1,000.00		1,00
П	b. Lower Levels	\$	•	\$	-	\$	1,000.00	\$	1,00
Г	6 Basement Waterproofing	\$		\$	-	\$		s	
Н	a. Chemical Grout Injection	s		s	16,000.00	_	47,000,00	ř	25.00
Н		_				\$	17,000.00		35,00
L	b. Interior (Negative Side) Waterproofing	\$		\$	32,000.00	\$	34,000.00	\$	70,00
	7 EMR Roof Replacement	\$		\$		\$		\$	
-	urchitectural Improvements and Repairs:								
T	1 Facility Cleaning (Interior and Exterior)	s		s		\$		s	
H		-		<u> </u>		_		<u> </u>	
⇂	2 Garage Entrance (from Crown Street) Façade Enhancements	\$	•	\$		\$		\$	140,00
L	Pedestrian Entrance Enhancements (to Elevator A, from Crown Street)	\$		\$	-	\$		\$	210,00
Г	4 Elevator A Lobby (by Crown Street), Ground Level, Improvements	\$		S		\$		s	70,0
H	5 Elevator B Lobby (main lobby, George Street), Ground Level, Improvements	\$		\$	-	\$	-	\$	
⊢	, , , , , , , , , , , , , , , , , , , ,			_		_		_	70,0
L	6 George Street (South) Stair/Elevator, Ground Level, Enhancements	\$	•	\$		\$		\$	140,0
L	7 Door Replacement and Repairs (with heavy-duty FRP doors)	\$		\$	634,000.00	\$		\$	
Г	10 Replacement of Wood Bumper Guards	\$		\$	200,000.00	s		\$	
Н	11 Sidewalk Bench Enhancements	\$		\$		\$		\$	70,0
H	12 Replacement of Metal Stair System	\$		_		_	60. 1	_	70,0
4		3		\$		\$	-	\$	
h	lechanical and Electrical Work:								
L	1 Clean Floor Drains (w/ Construction)	\$		\$		\$	13,000.00	\$	13,0
Т	2 Installation of Supplemental Drains by Expansion Joints	\$		\$		\$		\$	
r	3 Installation of Supplemental Piping			\$	2	\$		s	
_				-			0.000.00	1 ~	2.0
- 11		\$				6			
L	4 Cleaning of Sand/Oil Separator	\$		\$		\$	3,000.00	\$	3,0
E	5 Ventilation System/CO Monitoring System Repairs			\$	•	\$	3,000.00	\$	3,01
F		\$		_		\$			3,0
E	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs	\$ \$	-	\$	•	\$	14,000.00	\$	3,01
	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures	\$ \$ \$	•	\$		\$	14,000.00	\$	3,01
	Ventilation System/CO Monitoring System Repairs Miscellaneous Electrical Repairs Replacement/Installation of New LED Light Fibrures Emergency Lighting Replacement/Improvements	\$ \$ \$ \$	•	\$ \$ \$		\$	14,000.00	\$	3,0
	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures	\$ \$ \$	•	\$		\$	14,000.00	\$	3,01
E	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fidures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study	\$ \$ \$ \$	•	\$ \$ \$		\$	14,000.00	\$	3,01
	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fidures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting	\$ \$ \$ \$ \$ \$		\$ \$ \$ \$	-	\$ \$	14,000.00	\$	3,01
	Ventilation System/CO Monitoring System Repairs Miscellaneous Electrical Repairs Replacement/Installation of New LED Light Fibtures Emergency Lighting Replacement/Improvements Accent Lighting Study Installation of Decorative Lighting Installation of Decorative Lighting Installation of Decorative Lighting	\$ \$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$ \$		\$ \$ \$	14,000.00	\$ \$ \$	3,01
	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibrures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection	\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$	14,000.00	\$ \$ \$ \$	3,01
	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fidures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training	\$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - -	\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$	14,000.00	\$ \$ \$	3,01
	Ventilation System/CO Monitoring System Repairs Miscellaneous Electrical Repairs Replacement/Installation of New LED Light Fibtures Emergency Lighting Replacement/Improvements Accent Lighting Study Installation of Decorative Lighting Installation of Emergency Generator (Allowance) Using Protection Lighting/Signage Control System Programming & Adjustments with Related Training Installation of Maintenance Sink (Level 3)	\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$	14,000.00	\$ \$ \$ \$	3,01
	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fidures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training	\$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$	3,00
	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibrures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$	3,00
	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fodures 8 Emergency Ughting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Decorative Lighting 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maritenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$	3,00
5	Ventilation System/CO Monitoring System Repairs Miscellaneous Electrical Repairs Replacement/Installation of New LED Light Fibtures Emergency Lighting Replacement/Improvements Accent Lighting Study Installation of Decorative Lighting Installation of Emergency Generator (Allowance) Surge Protection Lighting/Signage Control System Programming & Adjustments with Related Training Installation of Maritenance Sink (Level 3) Miscellaneous Repairs to Fire Standpipe System/FD Connections installation of Security Improvements Installation of Security System (Le. Cameras and other components)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$	3,00
5	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibrures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Lighting/Signage Control System (Le. Cameras and other components) 16 Installation of Security System (Le. Cameras and other components) 17 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$	3,00
5	Ventilation System/CO Monitoring System Repairs Miscellaneous Electrical Repairs Replacement/Installation of New LED Light Fibtures Emergency Lighting Replacement/Improvements Accent Lighting Study Installation of Decorative Lighting Installation of Emergency Generator (Allowance) Surge Protection Lighting/Signage Control System Programming & Adjustments with Related Training Installation of Maritenance Sink (Level 3) Miscellaneous Repairs to Fire Standpipe System/FD Connections installation of Security Improvements Installation of Security System (Le. Cameras and other components)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$	3,01
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fotures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Lighting/Signage Control System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Lighting improvements 10 Lighting improvements 10 Lighting improvements	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - 13,000.00	\$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,01
S	Ventilation System/CO Monitoring System Repairs Miscellaneous Electrical Repairs Replacement/Installation of New LED Light Fibtures Emergency Lighting Replacement/Improvements Accent Lighting Replacement/Improvements Installation of Decorative Lighting Installation of Decorative Lighting Installation of Emergency Generator (Allowance) Surge Protection Lighting/Signage Control System Programming & Adjustments with Related Training Installation of Maintenance Sink (Level 3) Miscellaneous Repairs to Fire Standpipe System/FD Connections Security Improvements Installation of Security System (Le. Cameras and other components) Ignage Improvements Update Interior Signage (New Garage Identification of New Logo) Repairs/Replacement of Signage	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - 13,000.00 - - 127,000.00 381,000.00	\$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibrures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Lighting/Signage Control System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Lighting Fignage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Clearance Bar Sensor Assembly Installation (3 Entrances)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - 13,000.00	\$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Lighting/Signage Control System (Le. Cameras and other components) 16 Installation of Security System (Le. Cameras and other components) 17 Lighting-Emprovements 18 Lighting-Emprovements 19 Lighting-Emprovements 19 Lighting-Emprovements 20 Lighting-Emprovement of Signage (New Garage Identification w/ New Logo) 21 Repairs/Replacement of Signage 31 Clearance Bar Sensor Assembly Installation (3 Entrances) 22 evenue Control Equipment Renewal & Replacement	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - 13,000.00 - - 127,000.00 381,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Lighting/Signage Control System Programming & Installation of Maintenance Sink (Level 3) 16 Miscellaneous Repairs to Fire Standpipe System/FD Connections 17 Lighting Historia System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Lighting Historia Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Clearance Bar Sensor Assembly Installation (3 Entrances) 1 Study for the Replacement of the Revenue Control Equipment 2 Study for the Replacement of the Revenue Control Equipment	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - 13,000.00 - - 127,000.00 381,000.00	\$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,01
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Lighting/Signage Control System (Le. Cameras and other components) 16 Installation of Security System (Le. Cameras and other components) 17 Lighting-Emprovements 18 Lighting-Emprovements 19 Lighting-Emprovements 19 Lighting-Emprovements 20 Lighting-Emprovement of Signage (New Garage Identification w/ New Logo) 21 Repairs/Replacement of Signage 31 Clearance Bar Sensor Assembly Installation (3 Entrances) 22 evenue Control Equipment Renewal & Replacement	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - 13,000.00 - - 127,000.00 381,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
S	Ventilation System/CO Monitoring System Repairs Miscellaneous Electrical Repairs Replacement/Installation of New LED Light Fibrures Emergency Lighting Replacement/Improvements Emergency Lighting Study Installation of Decorative Lighting Installation of Emergency Generator (Allowance) Surge Protection Lighting/Signage Control System Programming & Adjustments with Related Training Installation of Maintenance Sink (Level 3) Miscellaneous Repairs to Fire Standpipe System/FD Connections Courtly Improvements Installation of Security System (Le. Cameras and other components) Ignage Improvements Lighting Signage (New Garage Identification of New Logo) Repairs/Replacement of Signage Clearance Bar Sensor Assembly Installation (3 Entrances) Evenue Control Equipment Renewal & Replacement Study for the Replacement of the Revenue Control Equipment	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 - - 13,000.00 - 127,000.00 381,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Lighting/Signage Control System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Installation of Security System (Le. Cameras and other components) 19 Lighting improvements 1 Update Interior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Clearance Bar Sensor Assembly Installation (3 Entrances) 1 Study for the Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 381,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Lighting/Signage Control System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Lighting Interior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Clearance Bar Sensor Assembly Installation (3 Entrances) 10 Lighting Of the Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 3 Study for the Replacement of the Revenue Control Equipment 3 Installation Installation (3 Entrances) 3 Lighting Stall & Lane Striping	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 - - 127,000.00 381,000.00 64,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibrures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standgipe System/FD Connections 16 Lighting/Signage Control System (Le. Cameras and other components) 16 Installation of Security System (Le. Cameras and other components) 17 Lighting Foreign (New Garage Identification of New Logo) 18 Repairs/Replacement of Signage 18 Repairs/Replacement of Signage 19 Repairs/Replacement of Signage 20 Repairs/Replacement of Signage 31 Clearance Bar Sensor Assembly Installation (3 Entrances) 4 Every Lighting Study & Lane Striping 21 Parking Study & Lane Striping 22 Painting of Piping	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 381,000.00 64,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Installation of Security Improvements 1 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Lighting-field Fire Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Replacement of the Revenue Control Equipment 1 Study for the Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 3 Installation and Stall & Lane Striping 4 Painting of Railings	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 - - 127,000.00 381,000.00 64,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Installation of Security Improvements 1 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Lighting-field Fire Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Replacement of the Revenue Control Equipment 1 Study for the Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 3 Installation and Stall & Lane Striping 4 Painting of Railings	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	127,000.00 381,000.00 64,000.00 64,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibrures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Decorative Lighting 11 Installation of Decorative Lighting 11 Lighting/Signage Control System Programming & Adjustments with Related Training 11 Lighting/Signage Control System Programming & Adjustments with Related Training 12 Installation of Maintenance Sink (Level 3) 13 Miscellaneous Repairs to Fire Standpipe System/FD Connections 14 Installation of Security System (Le. Cameras and other components) 15 Installation of Security System (Le. Cameras and other components) 16 Installation of Security System (Le. Cameras and other components) 17 Lighting Interior Signage (New Garage Identification w/ New Logo) 18 Repairs/Replacement of Signage 19 Clerance Bar Sensor Assembly Installation (3 Entrances) 10 Lighting Of the Replacement of the Revenue Control Equipment 11 Study for the Replacement of the Revenue Control Equipment 12 Replacement of the Revenue Control Equipment 13 Installation Stall & Lane Striping 14 Parining of Railings 15 Parining of Railings 16 Parining of Column Level Designation Bands	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 381,000.00 64,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	Ventilation System/CO Monitoring System Repairs	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 381,000.00 64,000.00 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Installation of Security Decoration System Programming & Adjustments with Related Training 17 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Installation of Security System (Le. Cameras and other components) 19 Lighting Interior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Celerance Bar Sensor Assembly Installation (3 Entrances) 1 Study for the Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Parking Stall & Lane Striping 3 Parking of Railings 4 Parking of Railings 4 Parking of Railings 5 Parking of Railings 6 Parking of Column Level Designation Bands 6 Elevator Upgrades and Improvements: 1 Maintenance Audit (B)-Ennial)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 381,000.00 64,000.00 64,000.00 64,000.00 127,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Installation of Security Decoration System Programming & Adjustments with Related Training 17 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Installation of Security System (Le. Cameras and other components) 19 Lighting Interior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Celerance Bar Sensor Assembly Installation (3 Entrances) 1 Study for the Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Parking Stall & Lane Striping 3 Parking of Railings 4 Parking of Railings 4 Parking of Railings 5 Parking of Railings 6 Parking of Column Level Designation Bands 6 Elevator Upgrades and Improvements: 1 Maintenance Audit (B)-Ennial)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 381,000.00 64,000.00 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibrures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Decorative Lighting 11 Installation of Decorative Lighting 11 Isolation of Decorative Lighting 11 Lighting/Signage Control System Programming & Adjustments with Related Training 12 Lighting/Signage Control System Programming & Adjustments with Related Training 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Installation of Security System (Le. Cameras and other components) 10 Lighting Interior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Clearance Bar Sensor Assembly Installation (3 Entrances) 10 Lighting Interior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Parking Stall & Lane Striping 3 Painting of Railings 4 Painting of Column Level Designation Bands 16 Valor Upgrades and Improvements: 1 Maintenance Audit (Bi-Ennial) 2 Replacement of Safety Governors - Allowance	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 127,000.00 127,000.00 127,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	Ventilation System/CO Monitoring System Repairs	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 381,000.00 64,000.00 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Stignage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Installation of Security System (Le. Cameras and other components) 19 Lighting-Inferior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Clearance Bar Sensor Assembly Installation (3 Entrances) 10 Study for the Replacement of the Revenue Control Equipment 1 Study for the Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 3 Parking Stall & Lane Striping 4 Painting of Railings 4 Painting of Column Level Designation Bands 10 Installation of Safety Governors - Allowance 3 Modernization of (5) Elevators 10 Maintenance Audit (8)-Ennial) 10 Maintenance Audit (8)-Ennial) 10 Maintenance Audit (8)-Ennial) 10 Maintenance Audit (8)-Ennial) 10 Maintenance Audit (6)-Ennial) 10 Maintenance Audit (6)-Ennial	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 127,000.00 127,000.00 127,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	Ventilation System/CO Monitoring System Repairs	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 127,000.00 127,000.00 127,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	Ventilation System/CO Monitoring System Repairs	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 127,000.00 127,000.00 127,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00
S	Ventilation System/CO Monitoring System Repairs	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	13,000.00 127,000.00 64,000.00 127,000.00 4,000.00 2,841,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00 42,00
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Stignage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Installation of Security System (Le. Cameras and other components) 19 Lighting Interior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Celerance Bar Sensor Assembly Installation (3 Entrances) 1 Study for the Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 3 Parking Stall & Lane Striping 4 Painting of Railings 4 Painting of Column Level Designation Bands 1 Study for the Replacement of Safety Governors - Allowance 3 Modernization of (5) Elevators 1 Maintenance Audit (8)-Ennial) 2 Replacement of Safety Governors - Allowance 3 Modernization of (6) Elevators 1 Preparation of Record Drawings 3 Sub-Total	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	127,000.00 127,000.00 381,000.00 64,000.00 127,000.00 4,000.00 127,000.00 4,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00 42,00 4,00
SSSS	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fibrures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Signage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Installation of Security Improvements 1 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Installation of Security System (Le. Cameras and other components) 10 Lighting-Interior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Clearance Bar Sensor Assembly Installation (3 Entrances) 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,00 42,00 4,00 \$1,542,000 \$308,400
S	5 Ventilation System/CO Monitoring System Repairs 6 Miscellaneous Electrical Repairs 7 Replacement/Installation of New LED Light Fixtures 8 Emergency Lighting Replacement/Improvements 9 Accent Lighting Study 10 Installation of Decorative Lighting 11 Installation of Emergency Generator (Allowance) 12 Surge Protection 13 Lighting/Stignage Control System Programming & Adjustments with Related Training 14 Installation of Maintenance Sink (Level 3) 15 Miscellaneous Repairs to Fire Standpipe System/FD Connections 16 Installation of Security System (Le. Cameras and other components) 18 Installation of Security System (Le. Cameras and other components) 19 Installation of Security System (Le. Cameras and other components) 19 Lighting Interior Signage (New Garage Identification w/ New Logo) 2 Repairs/Replacement of Signage 3 Celerance Bar Sensor Assembly Installation (3 Entrances) 1 Study for the Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 2 Replacement of the Revenue Control Equipment 3 Parking Stall & Lane Striping 4 Painting of Railings 4 Painting of Column Level Designation Bands 1 Study for the Replacement of Safety Governors - Allowance 3 Modernization of (5) Elevators 1 Maintenance Audit (8)-Ennial) 2 Replacement of Safety Governors - Allowance 3 Modernization of (6) Elevators 1 Preparation of Record Drawings 3 Sub-Total	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	127,000.00 127,000.00 381,000.00 64,000.00 127,000.00 4,000.00 127,000.00 4,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	14,000.00	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	301,000 42,00 4,000 \$1,542,000 \$338,500

TOTAL Construction Cost with Contingencies:

Note 1: Costs Presented do not include Typical Operational & Maintenance Costs Except as Noted
Note 2: Costs Presented do not include Work related to George Street, which is the responsibility of the City of New Haven
Note 3: Costs include a 15% allowance for General & Special Conditions.
Note 4: Future costs incorporate a cumulative 5% Inflation for all costs, to be adjusted annually



\$10,067,350.00



Table 1 Under Air Rights Garage Projected Five Year Construction Costs

(FY 2020)

		Work Description	Prioritized Repairs (FY 2021)	Early Repairs (FY 2022)	Programmed Repairs (FY 2023)	(F	Long-Term Repairs FY 2024 - FY 2025)
A	Mis	cellaneous Repair & Improvement:					
	1.	Installation of New Galvanized Steel Access Stairs- Mech/Elec Room (North Side)	\$ -	\$ -	\$ 5.	\$	-
	2.	Painting of Standpipe Guards	\$ -	\$ -	\$ -	\$	-
B.	Bitu	minous Concrete Repair:					
	1.	Bituminous Concrete Pavement Repair					
		a. Drive Lanes - Travel -Ways	\$ -	\$ •	\$	\$	1,000.00
		b. Parking Areas	\$	\$ _	\$ -	\$	1,000.00
	2.	Bituminous Concrete Curbing Repair	\$ 	\$ N=	\$ 92	\$	3,000.00
C.	Med	hanical & Electrical Repair:					
	1.	Replace Existing Lighting (below York Street) with New LED Lighting	\$. .	\$ e-	\$ -	\$	-
	2.	Replace Existing HPS Lighting w/ New LED Lighting	\$ 84	\$ -	\$ -	\$	-
	3.	Mscellaneous Electrical Repair Allowance	\$ -	\$ ()=:	\$ -	\$	-
	4.	Mscellaneous Drainage Repair Allowance	\$, -	\$ -	\$ -	\$	4,000.00
	5.	Msc. Repairs/Improvements to Drainage System (related to 16-011; allocated)	\$ 72	\$ 0=	\$ 	\$	1,000.00
D.	Reve	nue Control Equipment Renewal & Replacement					
	1	Study for the Replacement of the Revenue Control Equipment	\$ 	\$ -	\$.=	\$	3,000.00
	2	Replacement of the Revenue Control Equipment	\$ 82	\$ 22	\$ -	\$	56,000.00
	~==	Sub-Total Sub-Total	\$0.00	\$0.00	\$0.00		\$69,000.00
		20% Contingencies (Except Depicted Otherwise)	\$0.00	\$0.00	\$0.00		\$13,800.00
		25% Engr. & Construction Management, incl. Program Management (Unless D	\$0.00	\$0.00	\$0.00		\$17,250.00
		Total Phased Construction Costs with contingencies:	\$0.00	\$0.00	\$0.00		\$100,050.00

TOTAL Construction Cost with Contingencies:

\$100,050.00

Note 1: Costs Presented do not Include Typical Operational & Maintenance Costs Except as Noted

Note 2: Costs include a 15% allowance for General & Special Conditions.

Note 3: Future costs incorporate a cumulative 5% inflation for all costs, to be adjusted annually



Table 1 Union Station Building



Projected Five Year Construction Costs (FY 2020)

	(FY 202	20)					
			Prioritized	Early	Programmed		Long-Term
	Work Description		Repairs	Repairs	Repairs		Repairs
			(FY 2021)	(FY 2022)	(FY 2023)	(F	Y 2024 - 2025)
Arc	hitectural, Structural & Masonry Repair:						
1	Plaster Ceiling Repairs & Painting (miscellaneous locations throughout Facility):	\$	12	\$ -	s -	\$	
2	Main Lobby & Anterior Lobby Area Interior Refinishing/Painting	\$	-	\$ -	s -	\$	-
3	Upper Floor Common Area Interior Repairs & Improvements/Painting:	\$	-	\$ -	s -	s	-
4	Stairwell Repairs & Improvments/Painting:	\$		\$ -	s -	\$	-
5	Miscellaneous Floor and Tile Repair.	\$		\$ -	s -	\$	
Ť	Allowance for Tile Replacement	\$		\$ -	s -	\$	
6	Clean Limestone Walls in Main Lobby & Anterior Lobby Areas:	\$		\$ -	\$ -	\$	
7	Misc. Exterior Repair:	+		, .	,	 	
,	a. Rework/Repair Double Pane Exterior Window Glass	\$		s -	s -	_	
		\$		*	•	\$	630,000.0
		-		\$ -	\$ -	\$	
_	c. Misc. Exterior Sealant/Waterproofing Work - Decorative Stone/Concrete/Cove Joint	\$	•	\$ -	\$ -	\$	•
8	Clean Main Waiting Room Lights & Paint Wall Sconces	\$	-	\$ -	\$ -	\$	-
9	Msc. Exterior Sidewalk Repair						
	a. Concrete Sidewalk Repair	\$	•	\$ -	\$ -	\$	•
	b. Sidewalk Sealant/Caulking Work	\$	-	\$ -	\$ -	\$	
_	c. Decorative Concrete Sidewalk Sealant and Pigment Repair	\$		\$ -	\$ -	\$	
10	Misc. Rear Parking Lot Repairs:						
	a. Misc. Bituminous Concrete Curb Repair	\$		\$ -	\$ -	\$	-
	b. Misc. Pavement Repair	\$	-	\$ -	\$ -	\$	-
	c. Re-Striping Work	\$	82	\$ -	\$ -	\$	- 3
-	100 100 104 0 PACCOS	-		30000	100		
11	West Entrance Enhancements (New Canopy, related improvements)	\$		\$ -	\$ -	\$	91,000.0
12		-				_	
	a. Study of Roof System Options	\$	•	\$ -	\$ -	\$	
	b. Replacement of Roofing System	\$		\$ -	\$ 1,332,000.00	\$	
_	c. Installation of Raillings and Fall-Arrest Devices	\$	•	\$ -	\$ 134,000.00	\$	-
13	Installation of Access Hatch into Basement	\$		\$ -	\$ -	\$	70,000.0
14	Cleaning of Furred Ceiling Space; installation of fall arrest equipment	\$		\$ -	\$ 100,000.00	\$	
15	Construction of Family Restroom	\$	8.0	\$ -	\$ -	\$	
16	Replacement of Stone Thresholds at Eastern Entry/Exit Doors	\$	-	\$ -	\$ 34,000.00	\$	-
17	Replacement of Brass Rails at Exterior Doors	\$		\$ -	\$ 40,000.00	\$	
18	Misc. Wall Repair in Tenant Spaces (Amtrak, 4th floor, etc.)	\$		\$ 64,000.00	s -	\$	
Tur	inel Work:						
1	Misc. Limestone Wall Repair	\$	-	s -	\$ -	\$	-
2	Msc. Plaster Repair & Repainting	\$	-	\$ -	\$ -	\$	
3	Limestone Wall Cleaning	\$		\$ -	\$ -	\$	
4	Replace Stair Treads and Stair Landing Flooring (Platform Stair Access)	s		s -	\$ -	\$	126,000.0
5	Repair Floor Tiles & Cove Base	\$		-		_	
-	Negative-Waterproofing		-		\$ -	\$	21,000.0
6		\$	-	\$ 32,000.00	\$ 34,000.00	\$	70,000.0
_	chanical Work:	_					
1	Water Chiller:	-					
	a. Preventative Maintenance (and pump replacement as requrired)	\$	-	\$ -	\$ -	\$	70,000.0
_	b. Replacement of Water Chiller	\$	-	\$ -	\$ -	\$	
2	AHU Testing & PMRepairs						
	a. Testing for Leaks	\$	-	\$ -	\$ -	\$	-
	b. Allowance for Repairs	\$	(*)	\$ -	\$ -	\$	-
3	Miscellaneous Mechanical/Plumbing Repairs	\$		\$ -	\$ -	\$	
4	Boiler Replacement	\$		\$ -	\$ -	\$	
5	HVAC Modifications to Electrical Room	\$	-	\$ -	\$ -	\$	-
6	Cleaning of Ductwork System	\$	-	\$ -	\$ 67,000.00	\$	
7	Rooftop Unit Replacement (3 units)	\$		s -	\$ -	\$	630,000.0
8	Miscellaneous HVAC Repair/Replacement	\$	16,000.00	\$ 16,000.00	\$ 17,000.00	\$	35,000.0
_	ctrical Work:	1		3-1,00	.,,555,60		- 5,000.0
_	First Floor Lighting Replacements	T		W			
		\$		e	•		
	a. Replacment of Fodures over Escalators	_		\$ -	\$ -	\$	-
	b. Retrofit of Chandeliers; and Connection to Generator	\$	*	\$ -	\$ 134,000.00	\$	
2	Miscellaneous Electrical Repairs	\$	•	\$ -	\$ -	\$	-
3	Thermal Scanning (every 3 to 5)	\$		\$ -	\$ 5,000.00	\$	-
4	Replacement of Decorative Light Rails, along Tunnel	\$		\$ -	\$ 267,000.00	\$	
5	Replacement of Light Fixtures around Flagpole (including replacement of decorative concrete)	\$	260	\$ -	\$ 40,000.00	\$	-
6	Accent Lights at Stairs in Tunnel (Study) (including selective exploratory demo)	\$	43,000.00	\$ -	\$ -	\$	
_		2021		ACC.			_





\$6,087,100.00

Table 1 Union Station Building Projected Five Year Construction Costs (FY 2020)

		Work Description		Prioritized Repairs (FY 2021)	Early Repairs (FY 2022)	Programmed Repairs (FY 2023)	(F	Long-Term Repairs Y 2024 - 2025)
E.	Sec	urity Improvements					2 3	
	1	Study of Security Needs	\$	-	\$	\$	\$	-
	2	Installation of Security System (i.e. Carneras, Access Control, and other components)	\$	-	\$ -	\$ -	\$	122
F.	Elev	vator/Escalator Upgrades and Improvements;		253 567 77				
	1	Maintenance Audit (Bi-Ennial)	\$	-	\$ 5,000.00	\$ -	\$	5,000.00
	2	Installation of Enhanced Escalator Handrails	\$	-	\$ -	\$ -	\$	-
	3	Procurement & Placement of Fire-Rated Rag Cans	\$		\$ 	\$ -	\$	-
G.	Lan	dscaping & Site Improvement Work:						
	1	Streetscape Improvements	\$	-	\$ -	\$ -	\$	-
	2	Precast Concrete Planter Wall Repair	\$	-	\$ -	\$ -	\$	7,000.00
	3	Rear-place Mechanical Equipment/Curbing Improvements	\$	-	\$ -	\$ -	\$	49,000.00
	4	Signage Repairs and Improvements (Exterior)	\$	-	\$	\$ -	\$	-
	5	Signage Replacement and Improvements (Interior)	\$	-	\$ -	\$ -	\$	-
	6	Msc. Fencing Repairs (caulking at bases, paint touch-up)	\$	-	\$ -	\$	\$	14,000.00
Н.	Spa	ce Planning for 4th Floor:						THE REAL PROPERTY.
			\$	-	\$ -	\$ -	\$	-
I.	File	Management						
	1	Preparation of Record Drawings	\$	-	\$ -	\$ -	\$	-
	2	Scanning of Original Drawings	\$	£	\$ 	\$ -	\$	-
		Sub-Total:		\$59,000.00	\$117,000.00	\$2,204,000.00		\$1,818,000.00
		20% Contingencies (Unless depicted Otherwise)		\$11,800.00	\$23,400.00	\$440,800.00		\$363,600.00
		25% Engr. & Construction Management, incl. Program Management (Unless depicted Otherwise)	7	\$14,750.00	\$29,250.00	\$551,000.00		\$454,500.00
		Total Phased Construction Costs with Contingencies:		\$85,550.00	\$169,650.00	\$3,195,800.00		\$2,636,100.00

Note 1: Costs Presented do not Include Typical Operational & Maintenance Costs Except as Noted

Note 2: Costs include a 15% allowance for General & Special Conditions.

TOTAL Construction Cost with Contingencies:

Note 3: Future costs incorporate a cumulative 5% inflation for all costs, to be adjusted annually





Table 1 Union Station Parking Garage Projected Five Year Construction Cost (FY 2020)

Work Description	Prioritized Repairs (FY 2021)			Early Repairs (FY 2022)	Programmed Repairs (FY 2023)			Long-Term Repairs (FY 2024-2025)
Concrete Repair:								STATE ASSESSED.
1 Partial Depth Concrete Deck Repair	\$		\$	160,000.00	\$	-	\$	18,000.0
2 Misc. Vertical Concrete Repair (i.e. column bases)	\$		\$	34,000.00	\$	-	\$	4,000.0
3 Miscellaneous Concrete Curb/Sidewalk Repair	\$	-	\$	20,000.00	\$	-	\$	3,000.
4 Miscellaneous Concrete Facade Repair	s		\$		\$	-	s	
5 Miscellaneous Stair Repair	\$		\$		\$	-	\$	
6 Concrete Scaling Repair/Application of Healer/Sealer	\$		s	163,000.00	\$	-	s	18.000.
Waterproofing Repair:			_				-	10,000
1 Crack Repair	\$	-	\$	5,000.00	9	-	\$	1,000
2 Construction Joint Repair	\$		\$	5,000.00	s	-	s	1,000
3 Cove Joint Repair/Replacement	\$	-	\$	89,000.00	\$	-	S	
4 Decorative Precast Façade - Waterproofing Coating (incl. concrete repair/epoxy injection) ALLOWANCE	\$	-			-	-		10,000
Architectural Improvements:	3	•	\$		\$	-	\$	
1 Exterior Architectural Coating	I.e.		_		_			
	\$	-	\$	-	\$	-	\$	
	\$	•	\$	-	\$		\$	210,000
the state of the s	\$	-	\$	-	\$	-	\$	17,000
4 Epoxy Flooring/Supplemental Treads within Stairs (west stair only)	\$	•	\$	64,000.00	\$	-	\$	
5 Comprehensive Cleaning	\$	-	\$	-	\$	-	\$	105,000
6 Replace Stair Storefronts, Lower Levels	\$	-	\$		\$ 400,00	0.00	\$	
Mechanical/Plumbing/Electrical Work:								
1 Drain Flushing (w/ Construction)	\$	-	\$		\$	¥	\$	
2 Misc. Mechanical/Plumbing Repairs	\$		\$	-	\$	-	\$	
3 Main Lobby Enhancements (Elevator Lobby, Ground Level only)	\$		\$	-	\$		\$	14,000
4 Vehicular Entrance Lighting Enhancements	\$		\$	-	\$	-	\$	14,000
5 Elevator Machine Room HVAC Contorol	\$		\$	-	\$	-	s	
6 Surge Protection	\$	-	\$		\$	-	s	
7 Miscellaneous Electrical Repairs	s	-	S	-	\$	-	s	
8 Lighting/Signage Control System Programming & Adjustments with Related Training	\$		s		s	_	s	
9 Replacement of Lighting at Bike Shelters	\$	-	\$	45,000.00	\$		\$	
10 Replacement of Light Fixture at Kiosk	\$	-	\$	4,000.00	\$	-	\$	
Elevator Upgrades and Improvements:	3		٩	4,000.00	*	_	3	
Maintenance Audit (Bi-Ennial)	Is	_	^	0.000.00	•			
	3	-	\$	2,000.00	\$	-	\$	2,000.
Revenue Control Equipment Renewal & Replacement	•	-	_					
1 Study for the Replacement of the Revenue Control Equipment	\$	-	\$	-	\$ 12,00	_		
2 Replacement of the Revenue Control Equipment	\$	-	\$	-	\$	-	\$	420,000.
Security Improvements								
Installation of Security System (i.e. Cameras and other components)	\$	-	\$	-	\$	-	\$	-
Signage Improvements:								
	\$		\$		\$	-	\$	
Site Improvements:								
Sidewalk Replacement (including stenciled concrete)	\$	-	\$	-	\$	-	\$	147,000.
File Management								
1 Preparation of Record Drawings	\$	-	\$		\$	-	\$	
2 Scanning of Original Drawings	\$	-	\$		\$	-	s	
Sub-Total		0.00		\$591,000.00	\$412,000		ŕ	A Company and a Company
							_	\$984,000.0
20% Contingencies (Except Depicted Otherwise)		0.00		\$118,200.00	\$82,400		-	\$196,800.0
25% Engr. & Construction Management, incl. Program Management (Unless Depicted Otherwise)	\$	0.00		\$147,750.00	\$103,000	.00		\$246,000.0
Total Phased Construction Costs with Contingencies:	\$	0.00		\$856,950.00	\$597,400	.00		\$1,426,800.0
						_		

Note 1: Costs Presented do not Include Typical Operational & Maintenance Costs Except as Noted.

Note 2: Costs include a 15% allowance for General & Special Conditions.

Note 3: Future costs incorporate a cumulative 5% inflation for all costs, to be adjusted annually



NEW HAVEN PARKING AUTHORITY REQUEST FOR FUNDING FY21 CAPITAL PLAN

Submit by: Friday, March 6, 2020

DEPARTMENT: _Maintenance_

DIRECTOR: __John Zdru_

COO APPROVAL: _

DESCRIPTION	FACILITY	APPROXIMATE PURCHASE DATE	FY2021 APPROXIMATE AF COST	FY2022 APPROXIMATE COST	FY2023 APPROXIMATE COST	FY2024/FY2025 APPROXIMATE COST
Electric/Hybrid Administration Vehicle for ED	All	ASAP	\$42,000.00 - \$		φ.	8
Electric/Hybrid Administration Vehicle for Managers	All	ASAP	\$42,000.00			
Security ATV	Air Rights Garage	ASAP	\$10,000		is .	
Maintenance Vehicle with Plow	All	ASAP	\$49,000			
Parking Lot Sweeper	Air Rights Garage	ASAP	\$29,000			
Parking Lot Sweeper	All	ASAP	\$29,000		Z.	
Security ATV	Temple Street Garage	ASAP	\$10,000			
Security ATV	Crown Street Garage	ASAP	\$10,000			
Security ATV	Union Station Garage	ASAP	\$10,000			
Administration Conference Room Chairs	Main Office (232)	ASAP	\$6,000			

NEW HAVEN PARKING AUTHORITY REQUEST FOR FUNDING FY21 CAPITAL PLAN

DEPARTMENT: Finance

Submit by: Friday, March 6, 2020

DIRECTOR: Paul Wydra						
DESCRIPTION	FACILITY	APPROXIMATE PURCHASE DATE	FY2021 APPROXIMATE COST	FY2022 APPROXIMATE COST	FY2023 APPROXIMATE COST	FY2024/FY2025 APPROXIMATE COST
Computerized accounting system	Admin		\$50,000	\$	\$	\$
			***************************************	WITH THE STATE OF	AVERNAVARION MANAGEMENT OF THE PARKANE MANAGEMENT OF THE PARKANE AND THE PARKA	
		N. Spenistry and the second se				
			- Anna Caraca -			
		The state of the s		The state of the s		

			***************************************		Now when the second	
		• Commission of the commission	ere interestinament variable de la companya de la c			A Separation for the second se
				WATER THE STREET STREET, THE STREET STREET, ST	***************************************	A CONTRACT LANGUAGE CONTRACT C
			таруучунуу организан шашан шашан таруучун таруучун таруучун таруучун таруучун таруучун таруучун таруучун тарууч			Түүүүүүүүүү