



CITY OF TAMPA

Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

Michael W. Chucran, Director

ADDENDUM 1 DATE:

June 19, 2018

Contract 18-C-00020; Manhole Rehabilitation by Structural Coating System - FY18

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

- Item 1: Replace plan sheets 4, 5, 6, 7, 8, 9, 10, 11 and 12 with the attached plan sheets 4, 5, 6, 7, 8, 9, 10, 11 and 12.
- Item 2: Attached is the pre-bid meeting sign-in sheet.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to ContractAdministration@tampagov.net.

Jim Greiner

Jim Greiner, P.E., Contract Management Supervisor

Manhole Rehabilitation Schedule										
Atlas	FID	Manhole Type	Plan Sheet #	Approx Depth (ft)	Barrel Dia. (ft)	Downstream Pipe Dia. (in)	Barrel Payment Length (ft)	Bottom Chamber Payment Area (sf)	Replace Frame and Cover (Size, In Grass or Pavement)	Comments
I-11	241878	B	43	11.90	4	18	10.57		NO (SMALL, PAVEMENT)	
I-11	241899	A	43	5.97	4	8	5.05		NO (SMALL, PAVEMENT)	
I-11	241961	B	43	7.32	4	10	6.32		NO (SMALL, PAVEMENT)	
J-11	241973	A	42	5.50	4	8	4.58		NO (SMALL, PAVEMENT)	Remove PVC grout pipe inside manhole prior to rehabilitation
J-11	241980	A	41	3.94	4	8	3.02		NO (LARGE, PAVEMENT)	
J-11	241988	A	41	5.00	4	8	4.08		YES (SMALL, GRASS)	
I-10	242005	A	28	9.34	4	12	8.26		NO (SMALL, PAVEMENT)	
I-10	242006	A	28	9.88	4	12	8.80		YES (SMALL, PAVEMENT)	
I-12	242077	B	50	9.53	5	24	7.95		NO (SMALL, PAVEMENT)	
I-12	242093	B	50	19.59	5	24	18.01		NO (SMALL, PAVEMENT)	
I-10	242132	A	40	4.94	4	15	3.73		YES (SMALL, PAVEMENT)	
I-10	242133	A	40	5.45	4	15	4.24		NO (SMALL, PAVEMENT)	
I-10	242134	A	40	6.89	4	18	5.56		NO (SMALL, PAVEMENT)	
J-10	242135	A	40	7.19	4	18	5.86		NO (SMALL, PAVEMENT)	
J-10	242136	A	40	8.15	4	18	6.82		YES (SMALL, PAVEMENT)	
J-10	242137	A	40	9.08	4	18	7.75		NO (SMALL, PAVEMENT)	
J-10	242138	A	40	8.57	4	18	7.24		NO (SMALL, PAVEMENT)	
I-10	242183	A	28	6.89	4	8	5.97		NO (SMALL, PAVEMENT)	
I-10	242184	A	28	7.18	4	8	6.26		NO (SMALL, PAVEMENT)	
I-10	242185	A	28	8.25	4	8	7.33		NO (SMALL, PAVEMENT)	
I-9	242187	A	28	9.53	4	10	8.53		YES (SMALL, PAVEMENT)	
I-9	242207	A	28	5.07	4	8	4.15		YES (SMALL, PAVEMENT)	
I-9	242211	A	28	4.45	4	8	3.53		YES (SMALL, PAVEMENT)	
I-10	242226	A	28	5.90	4	8	4.98		NO (SMALL, PAVEMENT)	
I-10	242230	A	28	3.24	4	8	2.32		NO (SMALL, PAVEMENT)	
I-10	242233	A	28	2.46	4	8	1.54		NO (SMALL, PAVEMENT)	
I-13	242293	A	51	4.84	4	8	3.92		NO (SMALL, PAVEMENT)	
I-13	242294	A	51	4.22	4	8	3.30		YES (SMALL, GRASS)	
I-13	242295	A	51	5.88	4	8	4.96		NO (LARGE, PAVEMENT)	
I-13	242296	A	51	8.60	4	8	7.68		NO (LARGE, PAVEMENT)	
J-10	242500	A	40	9.73	4	24	8.15		YES (SMALL, PAVEMENT)	
I-13	243114	A	50	7.55	4	24	5.97		NO (SMALL, PAVEMENT)	
I-12	243117	B	50	8.09	5	24	6.51		NO (SMALL, PAVEMENT)	
I-12	243119	B	50	8.31	5	24	6.73		NO (SMALL, PAVEMENT)	
I-12	243120	B	50	8.54	5	24	6.96		NO (SMALL, PAVEMENT)	
G-10	243153	A	21	10.76	4	10	9.76		NO (SMALL, PAVEMENT)	
G-10	243154	A	21	9.90	4	10	8.90		YES (SMALL, PAVEMENT)	
G-10	243155	A	21	8.68	4	10	2.00		NO (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, REHABILITATE BRICK RISER SECTION AND BENCH RESTORATION ONLY
G-10	243172	A	21	8.63	4	8	7.71		NO (SMALL, PAVEMENT)	
G-10	243179	A	21	4.90	4	8	3.98		YES (SMALL, PAVEMENT)	
D-10	243770	A	15	7.70	4	18	2.00		YES (LARGE, PAVEMENT)	MH HAS FIBERGLASS LINER, REHABILITATE BRICK RISER SECTION AND BENCH RESTORATION ONLY
D-10	243771	B	15	10.89	4	18	9.56		YES (SMALL, PAVEMENT)	
I-11	244577	B	43	8.71	4	12	7.63		NO (SMALL, PAVEMENT)	
J-11	245269	B	42	6.59	4	12	5.51		YES (SMALL, PAVEMENT)	
J-11	245270	B	42	5.82	4	12	4.74		YES (SMALL, PAVEMENT)	

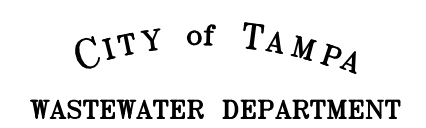
User: ss8k Drawing Name: K:\wastewater_projects\fy18_manhole_rehabilitation\Drafting\DWG\2018_SCHEDULE.dwg
Layout: Jun 12, 2018 - 1:21pm CTB - WW.CTB TOSHIBA_UNI_COLOR (NORTH WING)

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: CLB	CITY of TAMPA WASTEWATER DEPARTMENT	FY18 Manhole rehabilitation	SHEET 04
	3			DRN: MRL		MANHOLE REHABILITATION SCHEDULE	
	2			CKD:			
	1	6/11/18	REVISED MANHOLE REHABILITATION SCHEDULE	DATE:			

Manhole Rehabilitation Schedule

Atlas	FID	Manhole Type	Plan Sheet #	Approx Depth (ft)	Barrel Dia. (ft)	Downstream Pipe Dia. (in)	Barrel Payment Length (ft)	Bottom Chamber Payment Area (sf)	Replace Frame and Cover (Size, In Grass or Pavement)	Comments
J-11	245271	B	42	5.46	4	15	4.25		YES (SMALL, PAVEMENT)	
J-11	245272	B	42	5.22	4	15	4.01		YES (SMALL, PAVEMENT)	
J-11	245289	B	41	6.37	4	8	5.45		YES (SMALL, PAVEMENT)	
J-11	245290	B	41	10.50	4	10	9.50		NO (SMALL, PAVEMENT)	
J-11	245291	B	41	9.68	4	10	8.68		NO (SMALL, PAVEMENT)	
J-11	245292	A	41	8.24	4	10	2.00		YES (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, REHABILITATE BRICK RISER SECTION AND BENCH RESTORATION ONLY
J-11	245301	B	41	7.04	4	8	6.12		NO (SMALL, PAVEMENT)	
J-11	245353	A	42	2.00	4	8	1.08		YES (SMALL, PAVEMENT)	
J-11	245357	B	42	3.09	4	15	1.88		YES (SMALL, PAVEMENT)	
J-11	245363	A	42	1.95	4	8	1.03		YES (SMALL, PAVEMENT)	
G-10	245408	A	21	7.02	4	8	6.10		YES (SMALL, PAVEMENT)	
G-10	245409	A	21	5.02	4	8	4.10		YES (SMALL, GRASS)	
E-15	246329	B	59	9.00	4	8	8.08		YES (SMALL, PAVEMENT)	
E-15	246614	A	59	9.25	4	8	8.33		NO (SMALL, PAVEMENT)	
E-15	246615	A	59	8.54	4	8	7.62		YES (SMALL, PAVEMENT)	
E-15	246616	A	59	5.51	4	10	4.51		YES (SMALL, GRASS)	BENCH RESTORATION REQUIRED
E-15	246617	A	59	6.04	4	12	4.96		YES (SMALL, GRASS)	BENCH RESTORATION REQUIRED
D-10	246921	A	15	8.14	4	18	2.00		YES (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, REHABILITATE BRICK RISER SECTION AND BENCH RESTORATION ONLY
I-12	246987	A	47	2.50	4	10	1.50		NO (SMALL, PAVEMENT)	
I-12	246995	A	47	3.50	4	8	2.58		NO (SMALL, PAVEMENT)	
J-10	247422	A	40	12.98	4	10	11.98		NO (SMALL, PAVEMENT)	
J-10	247445	A	40	10.47	4	8	9.55		NO (SMALL, PAVEMENT)	
J-11	247457	B	41	6.82	4	10	5.82		NO (SMALL, PAVEMENT)	
J-11	247458	A	41	2.68	4	8	1.76		YES (SMALL, SIDEWALK)	
I-12	247479	D	47	11.29	4	42	8.96	40	YES (SMALL, PAVEMENT)	REMOVE CALCIUM ALUMINATE LINER SYSTEM PRIOR TO PROPOSED COATING SYSTEM
I-12	247484	D	48	12.42	4	42	N/A		NO (LARGE, PAVEMENT)	MH HAS FIBERGLASS LINER, BENCH RESTORATION ONLY
I-12	247485	D	48	10.66	4	42	8.33	40	NO (LARGE, PAVEMENT)	REMOVE CALCIUM ALUMINATE LINER SYSTEM PRIOR TO PROPOSED COATING SYSTEM
I-12	247486	D	48	11.92	4	42	9.59	40	YES (SMALL, PAVEMENT)	REMOVE CALCIUM ALUMINATE LINER SYSTEM PRIOR TO PROPOSED COATING SYSTEM
I-12	247487	D	48	11.93	4	42	9.60	40	YES (LARGE, PAVEMENT)	REMOVE CALCIUM ALUMINATE LINER SYSTEM PRIOR TO PROPOSED COATING SYSTEM
I-12	247488	D	48	11.91	4	42	9.58	40	YES (SMALL, PAVEMENT)	REMOVE CALCIUM ALUMINATE LINER SYSTEM PRIOR TO PROPOSED COATING SYSTEM
I-12	247489	D	48	11.97	4	42	9.64	40	YES (SMALL, PAVEMENT)	REMOVE CALCIUM ALUMINATE LINER SYSTEM PRIOR TO PROPOSED COATING SYSTEM
I-12	247490	D	47	11.31	4	42	8.98	40	YES (SMALL, PAVEMENT)	REMOVE CALCIUM ALUMINATE LINER SYSTEM PRIOR TO PROPOSED COATING SYSTEM
I-12	247539	D	48	11.80	4	42	9.47	40	YES (LARGE, PAVEMENT)	REMOVE CALCIUM ALUMINATE LINER SYSTEM PRIOR TO PROPOSED COATING SYSTEM
I-12	247552	A	47	3.93	4	8	3.01		NO (SMALL, BRICK)	
I-12	247555	A	47	6.00	4	8	5.08		NO (SMALL, PAVEMENT)	
I-12	247556	A	47	5.42	4	8	4.50		NO (SMALL, PAVEMENT)	
I-12	247564	A	47	7.31	4	10	6.31		YES (SMALL, PAVEMENT)	
J-11	247598	A	42	5.94	4	8	5.02		YES (SMALL, GRASS)	
J-10	247605	A	35	9.86	4	8	8.94		NO (SMALL, BRICK)	
J-10	247606	A	35	9.62	4	8	8.70		NO (SMALL, BRICK)	
J-10	247607	A	35	9.94	4	8	9.02		NO (SMALL, BRICK)	
J-10	247608	A	35	12.10	4	8	11.18		NO (SMALL, BRICK)	
J-8	248100	B	32	6.25	4	8	5.33		YES (SMALL, PAVEMENT)	
J-8	248122	B	32	10.99	4	8	10.07		YES (SMALL, PAVEMENT)	
J-8	248123	B	32	5.71	4	8	4.79		YES (SMALL, PAVEMENT)	

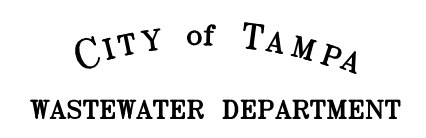
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	3			DRN: MRL		MANHOLE REHABILITATION SCHEDULE (2)	
	2			CKD:			
	1	6/11/18	REVISED MANHOLE REHABILITATION SCHEDULE	DATE:			

Manhole Rehabilitation Schedule

Atlas	FID	Manhole Type	Plan Sheet #	Approx Depth (ft)	Barrel Dia. (ft)	Downstream Pipe Dia. (in)	Barrel Payment Length (ft)	Bottom Chamber Payment Area (sf)	Replace Frame and Cover (Size, In Grass or Pavement)	Comments
D-10	248474	A	16	4.66	4	8	3.74		NO (SMALL, PAVEMENT)	
D-10	248475	A	16	4.28	4	8	3.36		NO (SMALL, PAVEMENT)	
D-10	248476	A	16	3.90	4	8	2.98		NO (SMALL, PAVEMENT)	
D-10	248485	A	16	4.00	4	8	3.08		YES (SMALL, PAVEMENT)	
D-10	248486	A	16	4.31	4	8	3.39		YES (SMALL, PAVEMENT)	
D-10	248488	A	16	9.30	4	10	8.30		YES (SMALL, GRASS)	BENCH RESTORATION REQUIRED
D-10	248490	A	16	9.23	4	8	8.31		NO (SMALL, PAVEMENT)	
D-10	248491	B	16	9.45	4	10	8.45		YES (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
D-10	248494	A	16	4.58	4	8	3.66		NO (SMALL, PAVEMENT)	
D-10	248499	A	16	9.04	4	8	8.12		NO (SMALL, PAVEMENT)	
D-10	248517	B	17	10.76	4	10	9.76		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
D-10	248526	B	17	11.27	4	10	10.27		NO (SMALL, PAVEMENT)	
D-10	248527	B	17	10.80	4	10	9.80		NO (SMALL, PAVEMENT)	
D-10	248531	B	17	8.76	4	10	7.76		NO (SMALL, GRASS)	
H-12	249831	A	24	7.01	4	18	5.68		NO (SMALL, PAVEMENT)	
I-12	249832	B	25	10.33	4	20	8.91		YES (SMALL, PAVEMENT)	
I-12	249833	B	25	10.27	4	20	8.85		NO (SMALL, PAVEMENT)	
I-12	249834	B	25	9.25	4	20	7.83		NO (SMALL, PAVEMENT)	
I-12	249835	B	25	8.78	4	20	7.36		YES (SMALL, PAVEMENT)	
H-12	249836	B	24	8.17	4	20	6.75		YES (SMALL, PAVEMENT)	
H-12	249838	B	24	8.22	4	20	6.80		NO (SMALL, PAVEMENT)	
H-12	249839	A	24	7.30	4	18	5.97		NO (SMALL, PAVEMENT)	
H-12	249842	A	23	2.50	4	8	1.58		NO (SMALL, PAVEMENT)	
H-12	249847	A	23	3.00	4	8	2.08		NO (SMALL, PAVEMENT)	
H-12	249860	A	23	3.50	4	8	2.58		NO (SMALL, PAVEMENT)	
H-12	249861	A	23	3.50	4	8	2.58		NO (SMALL, PAVEMENT)	
I-11	249907	A	44	4.50	4	8	3.58		NO (SMALL, PAVEMENT)	
I-11	249908	A	44	4.50	4	8	3.58		NO (SMALL, PAVEMENT)	
I-11	249909	A	44	5.00	4	8	4.08		NO (SMALL, PAVEMENT)	
I-11	249969	A	44	4.34	4	8	3.42		NO (SMALL, PAVEMENT)	
H-12	250022	A	23	3.50	4	8	2.58		NO (SMALL, PAVEMENT)	
H-12	250031	A	23	5.47	4	8	4.55		NO (SMALL, PAVEMENT)	
H-12	250060	A	24	4.53	4	8	3.61		YES (SMALL, PAVEMENT)	
I-12	250072	B	26	11.38	4	8	10.46		NO (SMALL, PAVEMENT)	
I-12	250073	B	26	11.37	4	20	9.95		NO (SMALL, PAVEMENT)	
I-12	250076	B	26	12.63	4	20	11.21		NO (SMALL, PAVEMENT)	
I-12	250077	B	26	12.99	4	20	11.57		YES (SMALL, PAVEMENT)	
I-12	250078	B	26	14.19	4	24	12.61		NO (SMALL, PAVEMENT)	
I-12	250083	A	26	13.60	4	24	12.02		NO (LARGE, PAVEMENT)	
I-12	250109	A	25	4.70	4	8	3.78		NO (SMALL, PAVEMENT)	
I-11	250167	A	27	7.80	4	8	6.88		NO (SMALL, PAVEMENT)	
I-11	250171	A	27	8.44	4	8	7.52		NO (SMALL, PAVEMENT)	
I-11	250172	A	27	5.81	4	8	4.89		NO (SMALL, PAVEMENT)	
I-11	250173	A	27	7.15	4	8	6.23		NO (SMALL, PAVEMENT)	
I-11	250174	A	27	8.00	4	8	7.08		NO (SMALL, PAVEMENT)	
I-11	250175	A	27	8.22	4	8	7.30		NO (SMALL, PAVEMENT)	

User: ss8k Drawing Name: K:\wastewater_projects\fy18_manhole_rehabilitation\Drafting\DWG\2018_SCHEDULE.dwg
 Layout: Jun 12, 2018 - 1:21pm CTB - WW.CTB TOSHIBA_UNI_COLOR (NORTH WING)

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: CLB		FY18 Manhole rehabilitation	SHEET 06
	3			DRN: MRL		MANHOLE REHABILITATION SCHEDULE (3)	
	2			CKD:			
	1	6/11/18	REVISED MANHOLE REHABILITATION SCHEDULE	DATE:			

Manhole Rehabilitation Schedule

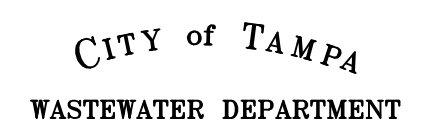
Atlas	FID	Manhole Type	Plan Sheet #	Approx Depth (ft)	Barrel Dia. (ft)	Downstream Pipe Dia. (in)	Barrel Payment Length (ft)	Bottom Chamber Payment Area (sf)	Replace Frame and Cover (Size, In Grass or Pavement)	Comments
I-11	250176	A	27	8.84	4	8	7.92		NO (SMALL, PAVEMENT)	
I-11	250211	A	27	8.30	4	8	7.38		NO (SMALL, PAVEMENT)	
I-11	250212	A	27	8.00	4	8	7.08		NO (SMALL, PAVEMENT)	
I-11	250221	A	44	6.00	4	12	4.92		NO (SMALL, PAVEMENT)	
I-11	250222	A	44	6.20	4	12	5.12		NO (SMALL, PAVEMENT)	
I-11	250242	A	44	6.50	4	8	5.58		YES (SMALL, PAVEMENT)	
I-11	250243	A	44	6.50	4	8	5.58		YES (SMALL, PAVEMENT)	
I-11	250257	A	44	3.50	4	8	N/A		NO (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, BENCH RESTORATION ONLY
E-13	251457	B	18	16.33	5	30	14.50		NO (LARGE, PAVEMENT)	BENCH RESTORATION REQUIRED
E-12	251458	B	18	19.76	5	30	17.93		NO (LARGE, PAVEMENT)	BENCH RESTORATION REQUIRED
E-12	251459	B	18	19.55	5	30	17.72		YES (LARGE, PAVEMENT)	BENCH RESTORATION REQUIRED
E-12	252041	B	18	10.62	5	30	8.79		YES (LARGE, PAVEMENT)	BENCH RESTORATION REQUIRED
A-16	252991	A	13	5.91	4	8	4.99		YES (SMALL, GRASS)	
A-16	252992	A	13	4.45	4	8	3.53		YES (SMALL, GRASS)	
F-10	253256	A	20	4.95	4	8	4.03		NO (SMALL, PAVEMENT)	
F-10	253257	A	20	3.20	4	8	2.28		NO (SMALL, GRASS)	
F-10	253287	A	20	7.63	4	8	6.71		NO (SMALL, PAVEMENT)	
C-13	253311	A	14	4.45	4	8	3.53		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
L-9	253341	A	36	3.26	4	8	2.34		YES (LARGE, PAVEMENT)	
L-9	253342	A	36	3.81	4	8	2.89		YES (SMALL, GRASS)	
K-9	253488	B	39	8.50	4	24	2.00		YES (SMALL, GRASS)	MH HAS FIBERGLASS LINER, REHABILITATE BRICK RISER SECTION AND BENCH RESTORATION ONLY
J-8	253491	B	32	5.24	4	8	4.32		YES (SMALL, PAVEMENT)	
J-8	253492	B	32	5.19	4	8	4.27		NO (SMALL, PAVEMENT)	
J-8	253493	B	32	4.66	4	8	3.74		YES (SMALL, PAVEMENT)	
H-13	253669	A	52	5.00	4	21	3.54		YES (SMALL, PAVEMENT)	
H-13	253670	A	52	12.94	4	21	11.48		YES (SMALL, PAVEMENT)	
H-13	253671	A	52	11.21	4	21	9.75		NO (SMALL, PAVEMENT)	
H-13	253672	B	52	10.03	4	21	8.57		NO (SMALL, PAVEMENT)	
I-13	253673	A	52	10.04	4	18	8.71		NO (SMALL, PAVEMENT)	
I-13	253682	A	51	9.93	4	15	8.72		NO (SMALL, PAVEMENT)	
I-13	253685	A	51	8.04	4	15	6.83		NO (SMALL, PAVEMENT)	
H-13	253700	A	52	7.78	4	12	6.70		NO (SMALL, PAVEMENT)	
H-13	253701	A	52	6.38	4	12	5.30		NO (SMALL, PAVEMENT)	
A-13	254299	B	13	11.29	4	10	10.29		YES (SMALL, GRASS)	
I-9	255314	A	29	10.99	4	8	10.07		YES (SMALL, PAVEMENT)	
I-9	255324	A	29	6.75	4	8	5.83		YES (SMALL, PAVEMENT)	
I-9	255346	A	29	4.15	4	8	3.23		YES (SMALL, PAVEMENT)	
I-9	255349	A	29	9.15	4	12	8.07		YES (SMALL, PAVEMENT)	
I-9	255350	A	29	10.73	4	15	9.52		NO (SMALL, PAVEMENT)	
I-9	255351	A	29	12.58	4	15	11.37		NO (SMALL, PAVEMENT)	
I-9	255352	A	29	10.76	4	15	9.55		NO (SMALL, PAVEMENT)	
I-9	255353	A	29	9.01	4	15	7.80		NO (SMALL, PAVEMENT)	
I-9	255354	A	29	8.90	4	15	7.69		YES (SMALL, PAVEMENT)	
I-9	255355	A	29	9.12	4	15	7.91		YES (SMALL, PAVEMENT)	
I-9	255356	A	29	9.14	4	15	7.93		YES (SMALL, GRASS)	

User: ss8k Drawing Name: K:\wastewater_projects\fy18_manhole_rehabilitation\Drafting\DWG\2018_SCHEDULE.dwg
Layout: Jun 12, 2018 - 1:21pm CTB - WW.CTB TOSHIBA_UNI_COLOR (NORTH WING)

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: CLB	CITY of TAMPA WASTEWATER DEPARTMENT	FY18 Manhole rehabilitation
	3			DRN: MRL		MANHOLE REHABILITATION SCHEDULE (4)
	2					CKD:
	1	6/11/18	REVISED MANHOLE REHABILITATION SCHEDULE	DATE:		SHEET 07

Manhole Rehabilitation Schedule										
Atlas	FID	Manhole Type	Plan Sheet #	Approx Depth (ft)	Barrel Dia. (ft)	Downstream Pipe Dia. (in)	Barrel Payment Length (ft)	Bottom Chamber Payment Area (sf)	Replace Frame and Cover (Size, In Grass or Pavement)	Comments
I-9	255373	A	29	8.17	4	12	7.09		YES (SMALL, PAVEMENT)	
I-9	255383	A	29	4.29	4	8	3.37		NO (SMALL, PAVEMENT)	
I-9	255424	A	29	5.12	4	8	4.20		NO (SMALL, PAVEMENT)	
I-9	255435	A	29	7.28	4	8	6.36		NO (SMALL, PAVEMENT)	
I-9	255436	A	29	8.83	4	12	7.75		YES (SMALL, PAVEMENT)	
I-9	255497	A	28	4.22	4	8	3.30		YES (SMALL, PAVEMENT)	
K-9	256299	A	35	6.00	4	8	5.08		YES (SMALL, PAVEMENT)	
K-9	256300	A	35	5.00	4	8	4.08		NO (SMALL, PAVEMENT)	
K-9	256301	A	35	5.00	4	8	4.08		YES (SMALL, PAVEMENT)	
K-9	256302	A	35	3.50	4	8	2.58		YES (SMALL, PAVEMENT)	
K-9	256304	A	35	6.53	4	8	5.61		NO (SMALL, PAVEMENT)	
K-9	256305	A	35	4.50	4	8	3.58		NO (SMALL, PAVEMENT)	
K-9	256306	A	35	3.50	4	8	2.58		NO (SMALL, PAVEMENT)	
K-9	256307	A	35	3.50	4	8	2.58		YES (SMALL, PAVEMENT)	
E-17	256842	B	58	5.90	4	8	4.98		NO (SMALL, PAVEMENT)	
E-17	256845	B	58	8.41	4	12	7.33		YES (SMALL, PAVEMENT)	
E-17	256851	B	58	6.22	4	8	5.30		NO (SMALL, PAVEMENT)	
E-17	256852	B	58	6.52	4	8	5.60		YES (SMALL, PAVEMENT)	
E-17	256853	B	58	6.08	4	8	5.16		YES (SMALL, PAVEMENT)	
E-17	256854	B	58	5.35	4	8	4.43		NO (SMALL, PAVEMENT)	
E-10	256879	A	19	2.55	4	8	1.63		YES (SMALL, PAVEMENT)	
E-10	256883	A	19	7.60	4	8	6.68		YES (SMALL, PAVEMENT)	
E-10	256886	A	19	9.73	4	8	8.81		NO (SMALL, PAVEMENT)	
E-10	256891	B	19	9.05	4	8	8.13		NO (SMALL, PAVEMENT)	
E-10	256892	B	19	9.00	4	8	8.08		YES (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
E-10	256893	A	19	8.53	4	8	7.61		NO (SMALL, PAVEMENT)	
E-10	256894	A	19	6.54	4	8	5.62		NO (SMALL, GRASS)	
E-10	256895	A	19	5.39	4	8	4.47		YES (SMALL, GRASS)	
E-10	256896	A	19	3.69	4	8	2.77		NO (SMALL, PAVEMENT)	
E-10	256897	A	19	3.95	4	8	3.03		YES (SMALL, PAVEMENT)	
E-10	256898	A	19	2.97	4	8	2.05		NO (SMALL, PAVEMENT)	
E-10	256901	A	19	3.97	4	8	3.05		YES (SMALL, PAVEMENT)	
E-10	256904	A	19	3.25	4	8	2.33		YES (SMALL, SIDEWALK)	
E-10	256910	A	19	8.95	4	8	2.00		YES (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, REHABILITATE BRICK RISER SECTION AND BENCH RESTORATION ONLY
L-9	257499	A	39	4.00	4	8	N/A		NO (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, BENCH RESTORATION ONLY
A-14	257583	A	13	9.87	4	10	8.87		NO (SMALL, PAVEMENT)	
A-14	257588	A	13	5.16	4	8	4.24		NO (SMALL, PAVEMENT)	
A-14	257589	A	13	4.83	4	8	3.91		NO (SMALL, PAVEMENT)	
A-14	257590	A	13	3.89	4	8	2.97		YES (SMALL, PAVEMENT)	
E-14	258172	B	57	5.15	4	8	4.23		NO (SMALL, GRASS)	
E-14	258437	A	57	3.50	4	8	2.58		YES (SMALL, PAVEMENT)	
E-14	258465	B	57	4.89	4	10	3.89		YES (SMALL, PAVEMENT)	
M-8	258569	A	37	7.44	4	8	6.52		NO (SMALL, PAVEMENT)	
D-15	258641	A	60	9.42	4	8	8.50		NO (SMALL, PAVEMENT)	
D-15	258642	A	60	8.77	4	8	7.85		NO (SMALL, PAVEMENT)	

User: ss8k Drawing Name: K:\wastewater_projects\fy18_manhole_rehabilitation\Drafting\DWG\2018_SCHEDULE.dwg
Layout: Jun 12, 2018 - 1:21pm CTB - WW.CTB

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: CLB		FY18 Manhole rehabilitation	SHEET 08
	3			DRN: MRL		MANHOLE REHABILITATION SCHEDULE (5)	
	2			CKD:			
	1	6/11/18	REVISED MANHOLE REHABILITATION SCHEDULE	DATE:			

Manhole Rehabilitation Schedule

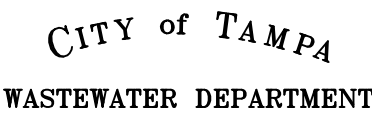
Atlas	FID	Manhole Type	Plan Sheet #	Approx Depth (ft)	Barrel Dia. (ft)	Downstream Pipe Dia. (in)	Barrel Payment Length (ft)	Bottom Chamber Payment Area (sf)	Replace Frame and Cover (Size, In Grass or Pavement)	Comments
D-15	258643	A	60	8.60	4	8	7.68		YES (SMALL, GRASS)	
D-15	258680	A	59	7.72	4	8	1.50		NO (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, REHABILITATE BRICK RISER SECTION AND BENCH RESTORATION ONLY
D-15	258684	A	60	16.19	4	10	15.19		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
D-15	258692	A	60	15.48	4	8	14.56		NO (SMALL, PAVEMENT)	
D-15	258694	A	60	15.22	4	8	14.30		NO (SMALL, PAVEMENT)	
D-15	258695	A	60	14.52	4	8	13.60		NO (SMALL, PAVEMENT)	
D-15	258696	A	60	13.80	4	8	12.88		NO (SMALL, PAVEMENT)	
D-15	258697	A	60	11.98	4	8	11.06		NO (SMALL, PAVEMENT)	
D-15	258698	A	60	11.40	4	8	10.48		NO (SMALL, PAVEMENT)	
D-15	258699	A	60	10.06	4	8	9.14		NO (SMALL, PAVEMENT)	
D-15	258738	B	60	7.51	4	8	6.59		YES (SMALL, GRASS)	
G-15	258754	A	54	9.15	4	8	8.23		YES (SMALL, PAVEMENT)	
G-15	258755	A	54	4.04	4	8	3.12		YES (LARGE, PAVEMENT)	
G-15	258768	A	54	10.45	4	8	9.53		NO (SMALL, PAVEMENT)	
G-15	258769	A	54	8.47	4	8	7.55		NO (SMALL, PAVEMENT)	
L-8	258926	A	36	8.43	4	8	7.51		YES (SMALL, GRASS)	
M-8	259383	A	37	5.11	4	8	4.19		YES (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, REHABILITATE BRICK RISER SECTION AND BENCH RESTORATION ONLY
M-8	259392	B	37	5.69	4	8	4.77		YES (SMALL, GRASS)	
M-8	259397	B	37	7.70	4	8	6.78		YES (SMALL, PAVEMENT)	
H-16	260161	B	53	3.85	4	8	2.93		YES (SMALL, GRASS)	
H-15	260241	C	53	10.62	4	48	2.00		YES (LARGE, GRASS)	MH HAS T-LOK LINER, REHAB BRICK RISER SECTION AND BENCH RESTORATION ONLY
H-15	260242	C	53	10.62	4	48	2.00		YES (LARGE, GRASS)	MH HAS T-LOK LINER, REHAB BRICK RISER SECTION AND BENCH RESTORATION ONLY
H-15	260243	C	53	7.21	4	48	3.00		NO (SMALL, PAVEMENT)	MH HAS T-LOK LINER, REHAB BRICK RISER SECTION AND BENCH RESTORATION ONLY
G-15	260352	B	54	7.79	4	15	6.58		YES (SMALL, GRASS)	
G-15	260353	B	54	6.65	4	15	5.44		YES (SMALL, PAVEMENT)	
G-15	260355	B	54	5.40	4	15	4.19		YES (SMALL, PAVEMENT)	
G-15	260356	B	54	4.88	4	15	3.67		YES (SMALL, PAVEMENT)	
F-15	260454	E	56	16.00	5	30	14.17		YES(LARGE, PAVEMENT)	REMOVE CURED IN PLACE FIBERGLASS LINER SYSTEM PRIOR TO COATING SYSTEM; BENCH RESTORATION REQUIRED
F-14	260464	A	56	14.18	4	15	12.97		NO (SMALL, PAVEMENT)	
F-14	260465	A	56	8.18	4	12	7.10		YES (SMALL, PAVEMENT)	
F-14	260466	A	56	4.68	4	12	3.60		NO (SMALL, PAVEMENT)	
F-15	260504	A	56	9.57	4	15	8.36		NO (SMALL, PAVEMENT)	
F-15	260505	A	56	12.38	4	15	11.17		NO (SMALL, PAVEMENT)	
F-15	260506	E	56	16.00	5	30	14.17		YES(LARGE, PAVEMENT)	REMOVE CURED IN PLACE FIBERGLASS LINER SYSTEM PRIOR TO COATING SYSTEM; BENCH RESTORATION REQUIRED
F-15	260507	A	56	8.54	4	15	7.33		NO (SMALL, PAVEMENT)	
F-15	260515	A	56	8.50	4	15	7.29		NO (SMALL, PAVEMENT)	
F-15	260525	A	56	12.16	4	15	10.95		NO (SMALL, PAVEMENT)	
F-15	260526	A	56	10.14	4	15	8.93		NO (SMALL, PAVEMENT)	
F-15	260527	A	56	8.42	4	15	7.21		NO (SMALL, PAVEMENT)	
F-15	260528	A	56	9.39	4	15	8.18		NO (SMALL, PAVEMENT)	
F-14	260561	A	56	13.26	4	15	12.05		NO (SMALL, PAVEMENT)	
G-14	260787	A	55	8.98	4	18	7.65		YES (SMALL, PAVEMENT)	
G-14	260788	A	55	8.91	4	18	7.58		YES (SMALL, PAVEMENT)	
G-14	260793	A	55	9.44	4	18	8.11		YES (SMALL, PAVEMENT)	

User: ss8k Drawing Name: K:\wastewater projects\fy18 manhole rehabilitation\Drafting\DWG\2018_SCHEDULE.dwg
Layout-- Jun 12, 2018 -- 1:21pm CTB -- WW.CTB TOSHIBA_UNI_COLOR (NORTH WING)

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: CLB	CITY of TAMPA WASTEWATER DEPARTMENT	FY18 Manhole rehabilitation	SHEET 09
	3			DRN: MRL		MANHOLE REHABILITATION SCHEDULE (6)	
	2			CKD:			
	1	6/11/18	REVISED MANHOLE REHABILITATION SCHEDULE	DATE:			

Manhole Rehabilitation Schedule										
Atlas	FID	Manhole Type	Plan Sheet #	Approx Depth (ft)	Barrel Dia. (ft)	Downstream Pipe Dia. (in)	Barrel Payment Length (ft)	Bottom Chamber Payment Area (sf)	Replace Frame and Cover (Size, In Grass or Pavement)	Comments
G-14	260794	A	55	10.26	4	18	8.93		YES (SMALL, PAVEMENT)	
G-14	260801	A	55	11.74	4	18	10.41		NO (SMALL, PAVEMENT)	
D-13	261668	B	15	16.48	4	42	14.15		NO (SMALL, PAVEMENT)	
J-9	261957	A	34	11.19	4	8	10.27		NO (SMALL, PAVEMENT)	
J-9	261958	A	34	11.77	4	8	10.85		NO (SMALL, PAVEMENT)	
J-9	261981	A	34	9.20	4	8	8.28		NO (SMALL, PAVEMENT)	
J-9	261982	A	34	10.38	4	8	9.46		NO (SMALL, PAVEMENT)	
J-9	261983	A	34	10.35	4	8	9.43		YES (SMALL, PAVEMENT)	
J-9	261998	A	33	4.89	4	21	3.43		NO (SMALL, PAVEMENT)	
J-9	261999	A	33	6.01	4	21	4.55		YES (SMALL, PAVEMENT)	
J-9	262000	A	33	6.03	4	24	4.45		YES (SMALL, PAVEMENT)	
J-9	262003	A	33	9.12	4	24	7.54		NO (SMALL, PAVEMENT)	
J-9	262004	A	33	8.63	4	24	7.05		YES (SMALL, PAVEMENT)	
J-8	262005	A	33	8.08	4	24	6.50		YES (SMALL, PAVEMENT)	
J-8	262006	A	33	7.44	4	24	5.86		YES (SMALL, PAVEMENT)	
J-8	262007	A	33	7.39	4	24	5.81		YES (SMALL, PAVEMENT)	
J-9	262008	A	33	11.81	4	24	10.23		YES (SMALL, GRASS)	
J-9	262021	B	34	14.97	4	27	13.26		YES (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
J-9	262022	B	34	15.27	4	27	13.56		YES (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
J-9	262047	A	34	7.38	4	8	6.46		NO (SMALL, PAVEMENT)	
J-9	262060	A	34	6.45	4	8	5.53		NO (SMALL, PAVEMENT)	
J-9	262135	A	33	10.07	4	8	9.15		NO (SMALL, PAVEMENT)	
J-9	262136	A	33	9.70	4	8	8.78		NO (SMALL, PAVEMENT)	
J-9	262137	A	33	9.76	4	8	8.84		YES (SMALL, PAVEMENT)	
J-9	262138	A	33	9.37	4	8	8.45		NO (SMALL, PAVEMENT)	
J-9	262139	A	33	8.16	4	8	7.24		NO (SMALL, PAVEMENT)	
J-9	262152	A	33	7.37	4	8	6.45		NO (SMALL, PAVEMENT)	
J-8	262192	A	34	11.93	4	8	11.01		NO (SMALL, PAVEMENT)	
C-15	262604	B	14	8.67	4	10	7.67		NO (SMALL, PAVEMENT)	
C-15	262605	B	14	7.43	4	10	6.43		NO (SMALL, PAVEMENT)	
C-15	262606	B	14	8.16	4	10	7.16		YES (SMALL, PAVEMENT)	
C-15	262607	B	14	8.77	4	10	7.77		NO (SMALL, PAVEMENT)	
C-15	262608	B	14	7.46	4	10	6.46		YES (SMALL, PAVEMENT)	
C-15	262609	B	14	9.38	4	10	8.38		NO (SMALL, PAVEMENT)	
C-15	262664	B	14	12.35	4	18	11.02		YES (SMALL, PAVEMENT)	
C-15	262683	B	14	15.84	4	21	14.38		NO (SMALL, PAVEMENT)	
C-15	262768	B	14	12.00	4	10	11.00		NO (SMALL, PAVEMENT)	
C-15	262772	B	14	9.41	4	10	8.41		YES (SMALL, PAVEMENT)	
C-15	262773	B	14	10.10	4	10	9.10		YES (SMALL, PAVEMENT)	
C-15	262774	B	14	10.03	4	10	9.03		YES (SMALL, PAVEMENT)	
C-15	262775	B	14	11.62	4	10	10.62		NO (SMALL, PAVEMENT)	
C-15	262776	B	14	9.00	4	10	8.00		YES (SMALL, PAVEMENT)	
C-15	262777	B	14	7.20	4	10	6.20		YES (SMALL, PAVEMENT)	
C-15	262827	B	13	11.07	4	8	10.15		NO (SMALL, PAVEMENT)	
C-15	262933	B	14	10.02	4	8	9.10		YES (SMALL, PAVEMENT)	
C-15	262940	B	14	4.30	4	8	3.38		YES (SMALL, PAVEMENT)	

User: ss8k Drawing Name: K:\wastewater projects\fy18 manhole rehabilitation\Drafting\DWG\2018_SCHEDULE.dwg
 Layout- Jun 12, 2018 - 1:21pm CTB - WW.CTB TOSHIBA_UNI_COLOR (NORTH WING)

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: CLB		FY18 Manhole rehabilitation	SHEET 10
	3			DRN: MRL		MANHOLE REHABILITATION SCHEDULE (7)	
	2			CKD:			
	1	6/11/18	REVISED MANHOLE REHABILITATION SCHEDULE	DATE:			

Manhole Rehabilitation Schedule

Atlas	FID	Manhole Type	Plan Sheet #	Approx Depth (ft)	Barrel Dia. (ft)	Downstream Pipe Dia. (in)	Barrel Payment Length (ft)	Bottom Chamber Payment Area (sf)	Replace Frame and Cover (Size, In Grass or Pavement)	Comments
C-15	262941	B	14	8.94	4	8	8.02		YES (SMALL, PAVEMENT)	
C-15	262945	B	14	9.19	4	8	8.27		NO (SMALL, PAVEMENT)	
C-16	262959	B	14	9.40	4	10	8.40		YES (SMALL, PAVEMENT)	
N-10	263626	B	39	16.06	4	21	14.60		NO (SMALL, PAVEMENT)	
K-12	264045	A	45	5.19	4	8	4.27		NO (SMALL, PAVEMENT)	
K-12	264046	A	45	5.14	4	8	4.22		NO (SMALL, PAVEMENT)	
K-12	264047	A	45	2.84	4	8	1.92		NO (SMALL, PAVEMENT)	
K-12	264048	A	45	3.87	4	8	2.95		NO (SMALL, PAVEMENT)	
J-12	264064	A	46	5.81	4	15	4.60		YES (SMALL, PAVEMENT)	
J-12	264067	A	46	5.14	4	15	3.93		NO (SMALL, PAVEMENT)	
J-12	264068	A	46	4.45	4	15	3.24		NO (SMALL, PAVEMENT)	
J-12	264070	A	46	4.84	4	8	3.92		NO (SMALL, PAVEMENT)	
K-12	264091	A	45	8.51	4	8	7.59		YES (SMALL, GRASS)	
K-12	264092	A	45	8.90	4	12	7.82		YES (SMALL, GRASS)	
K-12	264093	A	45	9.20	4	12	8.12		NO (SMALL, PAVEMENT)	
K-12	264094	A	45	10.20	4	12	9.12		NO (SMALL, PAVEMENT)	
K-12	264095	A	45	10.19	4	12	9.11		NO (SMALL, PAVEMENT)	
K-12	264113	A	45	5.98	4	8	5.06		YES (SMALL, GRASS)	
J-12	264127	B	46	8.45	4	8	7.53		NO (SMALL, PAVEMENT)	
J-12	264129	A	46	7.95	4	15	6.74		YES (LARGE, PAVEMENT)	
J-12	264130	A	46	5.35	4	8	4.43		NO (SMALL, PAVEMENT)	
E-15	264339	A	57	10.56	4	15	9.35		YES (SMALL, PAVEMENT)	
E-15	264340	A	57	7.43	4	15	6.22		YES (SMALL, PAVEMENT)	
E-15	264346	A	57	6.65	4	15	5.44		NO (SMALL, PAVEMENT)	
E-15	264347	A	57	9.29	4	18	7.96		NO (SMALL, PAVEMENT)	
E-15	264348	A	57	9.10	4	18	7.77		NO (SMALL, PAVEMENT)	
E-14	264349	A	57	7.77	4	15	N/A		YES (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, BENCH RESTORATION ONLY
E-14	264350	A	57	6.04	4	15	4.83		YES (SMALL, PAVEMENT)	
O-8	264507	A	38	3.00	4	8	2.08		NO (SMALL, PAVEMENT)	
O-7	264515	A	38	7.55	4	8	6.63		NO (SMALL, PAVEMENT)	
O-7	264516	A	38	8.16	4	8	7.24		NO (SMALL, PAVEMENT)	
O-8	264517	A	38	9.98	4	8	9.06		NO (SMALL, PAVEMENT)	
O-8	264520	A	38	3.80	4	8	2.88		NO (SMALL, PAVEMENT)	
J-19	265183	B	49	12.02	4	24	10.44		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
J-19	265184	B	49	11.06	4	24	9.48		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
J-19	265185	B	49	12.60	4	24	11.02		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
J-19	265188	B	49	11.98	4	24	10.40		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
J-19	265192	B	49	12.68	4	24	11.10		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
J-19	265194	B	49	14.68	4	24	13.10		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
J-19	265196	B	49	14.20	4	24	12.62		NO (SMALL, PAVEMENT)	BENCH RESTORATION REQUIRED
D-13	265235	B	15	19.38	4	42	17.05		YES (SMALL, PAVEMENT)	
D-13	265236	B	15	19.28	4	42	16.95		NO (SMALL, PAVEMENT)	
D-13	265238	B	15	16.65	4	36	14.57		NO (SMALL, PAVEMENT)	
G-9	265737	A	22	8.93	4	18	7.60		YES (SMALL, GRASS)	
G-9	265741	A	22	5.75	4	18	4.42		YES (SMALL, GRASS)	
I-8	266019	B	30	6.26	4	8	5.34		NO (SMALL, PAVEMENT)	

User: ss8k Drawing Name: K:\wastewater_projects\fy18_manhole_rehabilitation\Drafting\DWG\2018_SCHEDULE.dwg
 Layout: Jun 12, 2018 - 1:21pm CTB - WW.CTB TOSHIBA_UNI_COLOR (NORTH WING)

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: CLB	CITY of TAMPA WASTEWATER DEPARTMENT	FY18 Manhole rehabilitation	SHEET 11
	3			DRN: MRL		MANHOLE REHABILITATION SCHEDULE (8)	
	2			CKD:			
1	6/11/18	REVISED MANHOLE REHABILITATION SCHEDULE	DATE:				

Manhole Rehabilitation Schedule

Atlas	FID	Manhole Type	Plan Sheet #	Approx Depth (ft)	Barrel Dia. (ft)	Downstream Pipe Dia. (in)	Barrel Payment Length (ft)	Bottom Chamber Payment Area (sf)	Replace Frame and Cover (Size, In Grass or Pavement)	Comments
I-8	266021	B	30	10.52	4	10	9.52		NO (SMALL, PAVEMENT)	
I-8	266022	A	30	12.21	4	12	11.13		YES (SMALL, PAVEMENT)	
I-8	266023	A	30	13.54	4	12	12.46		NO (SMALL, PAVEMENT)	
I-8	266024	A	30	13.43	4	12	12.35		YES (SMALL, PAVEMENT)	
I-8	266025	A	30	14.13	4	12	13.05		NO (SMALL, PAVEMENT)	
H-15	266200	B	53	4.14	4	8	3.22		YES (SMALL, PAVEMENT)	
I-8	267483	A	31	9.53	4	8	8.61		NO (SMALL, PAVEMENT)	
I-8	267633	A	31	9.37	4	8	8.45		NO (SMALL, PAVEMENT)	
I-8	267663	A	31	8.15	4	8	7.23		NO (SMALL, PAVEMENT)	
I-8	267666	A	31	8.92	4	8	8.00		NO (SMALL, PAVEMENT)	
I-8	267671	A	31	8.01	4	8	7.09		NO (SMALL, PAVEMENT)	
I-8	267676	A	31	15.03	4	8	14.11		YES (SMALL, GRASS)	
I-8	267677	A	31	13.54	4	8	12.62		YES (SMALL, GRASS)	
I-8	267678	A	31	13.79	4	8	12.87		YES (SMALL, PAVEMENT)	
I-8	267679	A	31	12.29	4	8	11.37		NO (SMALL, PAVEMENT)	
I-8	267680	A	31	11.59	4	8	10.67		NO (SMALL, PAVEMENT)	
I-8	267681	A	31	11.07	4	8	10.15		YES (SMALL, PAVEMENT)	
I-8	267682	A	31	11.88	4	8	10.96		NO (SMALL, PAVEMENT)	
J-8	267683	A	31	9.65	4	8	8.73		NO (SMALL, PAVEMENT)	
I-8	267684	A	31	8.85	4	8	7.93		NO (SMALL, PAVEMENT)	
J-8	268676	B	32	7.40	4	8	6.48		NO (SMALL, PAVEMENT)	
I-8	269522	A	31	7.23	4	18	5.90		NO (SMALL, PAVEMENT)	
I-8	269535	A	31	4.38	4	18	3.05		NO (LARGE, PAVEMENT)	
I-8	269536	A	31	3.48	4	18	2.15		NO (SMALL, PAVEMENT)	
I-8	269537	A	31	3.51	4	10	2.51		NO (SMALL, PAVEMENT)	
I-8	269538	A	31	4.88	4	10	3.88		NO (SMALL, PAVEMENT)	
I-10	1335560	A	28	6.27	4	8	5.35		YES (SMALL, PAVEMENT)	
I-10	1335561	A	28	9.47	4	8	8.55		NO (SMALL, PAVEMENT)	
I-12	1506603	A	26	9.22	4	18	7.89		YES (SMALL, PAVEMENT)	
C-15	1916326	B	14	5.56	4	8	4.64		NO (SMALL, PAVEMENT)	
I-11	1916704	B	43	10.52	4	18	9.19		YES (SMALL, PAVEMENT)	
E-15	1929564	B	59	11.21	4	8	10.29		NO (SMALL, PAVEMENT)	
H-13	2744367	A	52	5.01	4	8	4.09		YES (SMALL, GRASS)	
D-11	2745248	A	15	11.00	4	18	9.67		YES (SMALL, PAVEMENT)	
J-9	2811285	B	34	8.46	4	8	7.54		NO (SMALL, PAVEMENT)	
K-9	2833906	A	36	4.36	4	8	3.44		YES (SMALL, GRASS)	
J-11	2877426	A	41	4.50	4	8	3.58		NO (SMALL, PAVEMENT)	
M-8	2883756	B	37	12.97	4	8	12.05		YES (SMALL, GRASS)	
M-8	2883759	B	37	8.50	4	8	7.58		YES (SMALL, GRASS)	
I-8	2885295	B	30	13.63	4	12	12.55		YES (SMALL, PAVEMENT)	
I-8	2885378	B	30	14.31	4	12	13.23		YES (SMALL, PAVEMENT)	
J-11	2893486	A	42	2.50	4	8	1.58		YES (SMALL, PAVEMENT)	
I-11	2900025	A	43	6.18	4	8	N/A		NO (SMALL, SIDEWALK)	MH HAS FIBERGLASS LINER, BENCH RESTORATION ONLY
I-9	3038173	A	29	7.00	4	8	2.00		NO (SMALL, PAVEMENT)	MH HAS FIBERGLASS LINER, REHABILITATE BRICK RISER SECTION AND BENCH RESTORATION ONLY

User: ss8k Drawing Name: K:\wastewater projects\fy18 manhole rehabilitation\Drafting\DWG\2018_SCHEDULE.dwg
Layout: Jun 12, 2018 - 1:21pm CTB - WW.CTB TOSHIBA_UNI_COLOR (NORTH WING)

JACINTO CARLOS FERRAS, P.E. #49454 DESIGN DIVISION HEAD WASTEWATER DEPARTMENT	No.	DATE	REVISIONS	DES: CLB	CITY of TAMPA WASTEWATER DEPARTMENT	FY18 Manhole rehabilitation	SHEET 12
	3			DRN: MRL		MANHOLE REHABILITATION SCHEDULE (9)	
	2			CKD:			
	1	6/11/18	REVISED MANHOLE REHABILITATION SCHEDULE	DATE:			

E-Mail to Register as a Plan Holder and E-Mail All Questions to; ContractAdministration@tampagov.net

Sign-In Sheet Please Print

City of Tampa, Contract Administration Department

	Name	Organization	E-Mail OR Phone
1	Jim Greiner, PE	Tampa Contract Administration Dept.	Jim.Greiner@tampagov.net
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4	RAYMOND ROSARIO	KENTON CONSTRUCTION	RAYALVAREZ22@GMAIL.COM
5	Doug Nelson	University of Env. Solutions	dnelson@ues-tampa.com
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