

APPENDIX 'F'

CIPP AND TPR DESIGN CONDITIONS

Project: Branch I Aqueduct Underdrain Outfall Repairs

Tender #: 694-2024

Appendix F - CIPP and TPR Design Conditions

Sewer Details															Work Program			CIPP/TPR Design Conditions		
Asset Number	Drawing #	Sheet #	Street Name	Location Details	Manholes				Segment Length (m)	Size		Shape	Flow Type	Material	CIPP Lining Req'd	EPR Req'd	TPR Req'd (#)	Max Depth (m)	Pre EPR Ovality	PD/FD
					Upstream	Depth (m)	Downstream	Depth (m)		Height (mm)	Width (mm)									
AQ-U00000371	1-0751N-C0003-01	5	Avenue Tache Outfall	AVENUE TACHE FROM 1ST UMH E. OF RUE MESSENGER TO NEW UMH W. OF RUE MESSENGER	UMH110-0001	7.36	New MH	8.65	52.0	200	200	Circular	Underdrain	VCP	Yes	No	No	8.65	3%	PD
AQ-U00000139	1-0751N-C0003-01	5	Avenue Tache	AVENUE TACHE FROM 2ND UMH E. OF RUE MESSENGER TO 1ST UMH E. OF RUE MESSENGER.	UMH110-0032	7.15	UMH110-0001	7.36	33.5	200	200	Circular	Underdrain	VCP	Yes	No	No	7.36	3%	PD
AQ-U00000391	1-0751N-C0001-01 1-0751N-C0012-01	3; 15	Rue Plinguet	RUE PLINGUET FROM MH AT MCTAVISH ST TO NEW MH AT RIVERBANK	UMH117-0226	6.86	New MH	8.00	202.5	200	200	Circular	Underdrain	VCP	Yes	No	No	8.00	3%	PD
AQ-U00000167	1-0751N-C0005-01 1-0751N-C0012-01	8; 15	Rue Notre Dame	RUE NOTRE DAME FROM NEW MH AT MAISONNEUVE ST TO FIRST UMH W. OF MAISONNEUVE ST.	UMH115-0025	5.15	UMH114-0227	2.31	113.5	200	200	Circular	Underdrain	VCP	Provisional Yes (Option 1)	Provisional Yes (Option 1)	No	5.15	3%	PD
AQ-U00000173	1-0751N-C0012-01	15	Rue Notre Dame	RUE NOTRE DAME FROM 1ST UMH WEST OF ARCHIBALD ST TO 1ST UMH WEST OF LA FLECHE ST	UMH115-0295	4.15	UMH115-0143	4.19	152.5	200	200	Circular	Underdrain	VCP	No	Yes	No	4.19	N/A	N/A
AQ-U00000174	1-0751N-C0012-01	15	Rue Notre Dame	EXTN. OF RUE NOTRE DAME FROM 1ST UMH WEST OF MCTAVISH ST TO CS MH AT ARCHIBALD ST.	UMH116-0091	4.36	S-MH50008084	5.44	102.0	200	200	Circular	Underdrain	VCP	No	No	Yes	5.44	2%	FD
AQ-U00000443	1-0751N-C0012-01	15	McTavish Street	MCTAVISH ST FROM 1ST UMH S. OF EXTN. OF RUE NOTRE DAME TO UMH AT EXTN. OF RUE NOTRE DAME.	UMH116-0108	4.26	UMH116-0091	4.36	16.5	200	200	Circular	Underdrain	VCP	No	No	Yes	4.36	2%	FD
AQ-U00000453	1-0751N-C0012-01	15	McTavish Street	MCTAVISH ST FROM 1ST UMH S. OF EXTN. OF RUE NOTRE DAME TO UMH AT EXTN. OF RUE NOTRE DAME.	UMH117-0133	4.00	UMH117-0170	4.48	37.0	200	200	Circular	Underdrain	VCP	No	No	Yes	4.48	2%	FD
AQ-U00000181	1-0751N-C0012-01 1-0751N-C0013-01	15; 16	Dawson Road	DAWSON ROAD FROM 1ST UMH WEST OF MESSIER ST TO NEW MH EAST OF MESSIER ST.	UMH119-0003	4.47	New MH	4.45	112.0	200	200	Circular	Underdrain	VCP	No	No	Yes	4.47	2%	FD
AQ-61000010	1-0751N-C0008-01 1-0751N-C0012-01	11; 15	Dawson Road	DAWSON ROAD FROM 1ST UMH EAST OF MESSIER ST TO 2ND MH EAST OF MESSIER ST.	UMH119-0114	4.45	UMH119-0137	4.69	22.5	200	200	Circular	Underdrain	VCP	No	No	No	4.69	N/A	N/A