Town of Cortlandt Capital Improvement Plan 2018 – 2022

December 6, 2018





Prepared by: CIP Staff Committee

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Jeff Coleman, P.E., Director DES

Michael Preziosi, P.E., Director DOTS

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Rosemary Boyle Lasher, DOTS Planning



PROJECT NAME	DEPARTMENT	TOTAL COST	TOWNWIDE DEBT	CCWD DEBT	SPECIAL DISTRICT	OPERATING BUDGET	TRUST &	HIGHWAY DEBT	OTHER
2018 CIP COMPLETED		COST	DLD1	DLD1	DISTRICT	DODGLI	AGLICT	DLB1	
VEHICLES: DES									
Town Wide Vehicle Replacement Program	VARIOUS	\$725,000)			\$390,000			\$335,000 (13
RECREATION									
Cook Pool Mini Golf	DOTS/REC	\$385,000				\$385,000			
Cook Pool Fitness Trail	DOTS/REC	\$77,500				\$77,500			
Cook Pool Bathhouse, SnackBar Design*	DOTS/REC	\$145,000				\$145,000			
HIGHWAY									
Paving (Annual Program)	DES/HWY	\$1,200,000)			\$772,000			\$428,000 (1)
Westbrook Drive Kohls Right Turn Lane Design*	DES/HWY	\$25,000				\$25,000			
DRAINAGE									
Amberlands Drainage	DOTS/ENG	\$145,000				\$145,000			
Evergreen Knolls Neighborhood Drainage Replacement*	DOTS/ENG	\$100,000				\$100,000			
Croton Park Colony Drainage Design*	DES/DOTS	\$30,000				\$30,000			
WATER									
Route 202/Croton Avenue Water Line Design*	DOTS/WAT	\$50,000		\$50,000					
Parkway Drive Transite Replacement Design & Construction	DOTS/WAT	\$687,000				\$687,000			
SEWER									
Cortlandt Boulevard Sewer Central Improvement Area 10%*	DES/DOTS	\$300,000							\$300,000 (6)
Cortlandt Blvd West Expansion & Comm. Ctr Improvements**	DES/DOTS	\$2,800,000							\$2,800,000 (6)
Cortlandt Boulevard East Expansion Area Design*	DES/DOTS	\$25,000			\$25,000				
PLANNING									
Economic Development Consultant (AKRF)	DOTS/PLN	\$75,000				\$75,000			
HR Discovery Center at Cortlandt Waterfront Park Design*	DOTS/PLN	\$50,000							\$50,000 (7)
Cortlandt Blvd Design*	DOTS/PLN	\$20,000				\$20,000			
BUILDINGS									
Generators for Highway / Sanitation	BLDGS	\$125,000)						\$125,000 (1
Paramedic Building Design*	BLDGS	\$10,000							\$10,000 (10
DES Headquarters Design	BLDGS	\$260,000				\$260,000			
Total 2018		\$7,234,500	\$0	\$50,000	\$25,000	\$3,111,500	\$0	\$0	\$4,048,000

^{*} Continued in next year

(1) NYSDOT - 100% CHIPS (7) NYSDEC Estuary Grant

(2) NYSDOT - 80%/20% (8) Consolidated Funding (CFA)

(3) NYSDERA (9) FEMA Reimbursement

(4) NYSOPRHP - 50%/50% (10) In Kind

(5) CDBG Anticipated (11) NYS/County

(6) Private Developer (12) Future Funding by Others

** Sewer District to be formed (13) Lease Financing

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December 6, 2018

HIGHWAY	OTHER		HIGHWAY DEBT	TRUST & AGENCY	OPERATING BUDGET	SPECIAL DISTRICT	CCWD DEBT	NWIDE EBT	TO	TOTAL COST	DEPARTMENT	ROJECT AME
Town wide Vehicle Replacement Program DES \$750,000 \$250,00		$\overline{}$				1	<u> </u>	T				
RECREATION	\$500,000 (13	+			\$250,000				0	\$750,000	DEC	
Cook Pool Bathhouse SnackBar Design	\$300,000 (13	-+			\$230,000				0	\$730,000	DES	
Cook Pool Bathhouse SnackBar Construction		-+			\$85,000				0	\$85,000	DOTS/REC	
Access Road and Drive for Quarry Water Park*		-+			\$65,000			00 000				
HIGHWAY	\$1,200,000 (12	-						00,000				
Route 9A Sidewalk Construction (80/20) DES/DOTS \$450,000 \$252,000				-						4-,,		` ;
Route 9A Sidewalk Construction (80/20) DES/DOTS \$450,000 \$252,000	\$300,000 (1)				\$900,000				0	\$1,200,000	DES/HWY	aving (Annual Program)
Washington Street Bridge Repair Design, Construction, Inspection DES/HWY \$160,000 \$160,000 \$180,000	\$198,000 (3)				. ,							
Westbrook Dr/ Kohls Right Turn Lane Construction (80/20) DES/HWY \$648,000 \$108,000 Gallows Hill Road Re-Construction & Culvert Replacement Design DES/HWY \$200,000 \$200,000 Battery Place Bridge, Craft Lane Bridge Demolition DES/HWY \$1,200,000 \$800,000 DRAINAGE Westchester Mall (CTC) Drainage Design* DOTS/ENG \$40,000 \$40,000 Evergreen Knolls Neighborhood Drainage Replacement DOTS/ENG \$375,000 \$375,000 Croton Park Colony Drainage Design* DES/HWY \$25,000 \$375,000 WATER Toton Park Road Watermain Replacement DOTS/WAT \$800,000 \$800,000 Croton Park Road Watermain Replacement DOTS/WAT \$800,000 \$800,000 \$25,000 Sherwood Road Transite Pipe Replacement* DOTS/WAT \$950,000 \$950,000 \$950,000 Sewer Verplanck Quarry on Hudson (Sanitary Package Plant) DOTS \$1,800,000 \$150,000 \$150,000 MOD Sewer Design/Tammarack/Buttonwood** DES/DOTS \$25,000 \$25,000 \$200,000 PLANNING Cortlandt Blvd Design* DOTS/PLN \$20									0	\$160,000	DES/HWY	
Gallows Hill Road Re-Construction & Culvert Replacement Design DES/HWY \$200,000 \$200,000 \$200,000 \$310,000	\$540,000 (3)		-						0	\$648,000		
Battery Place Bridge, Craft Lane Bridge Demolition DES/HWY \$1,200,000 \$800,000			-		\$200,000				0	\$200,000	DES/HWY	
Westchester Mall (CTC) Drainage Design* DOTS/ENG \$40,000 \$40,000 \$40,000 \$375,000 \$37	\$400,000 (11		-		. ,			00,000	0	\$1,200,000		1 0
Evergreen Knolls Neighborhood Drainage Replacement DOTS/ENG \$375,000 \$375,000 \$25,000											1	RAINAGE
Croton Park Colony Drainage Design* DES/HWY \$25,000 \$25,000						\$40,000			0	\$40,000	DOTS/ENG	Vestchester Mall (CTC) Drainage Design*
Croton Park Colony Drainage Design* DES/HWY \$25,000 \$25,000					\$375,000				0	\$375,000	DOTS/ENG	vergreen Knolls Neighborhood Drainage Replacement
Croton Park Road Watermain Replacement DOTS/WAT \$800,000 \$800,000 Croton Ave/202 Water Main Replacement DOTS/WAT \$1,300,000 \$1,300,000 Sherwood Road Transite Pipe Replacement* DOTS/WAT \$950,000 \$950,000 SEWER Verplanck Quarry on Hudson (Sanitary Package Plant) DOTS \$1,800,000 \$150,000 Montrose Business Association Sewer Design** DOTS/ENG \$150,000 \$150,000 MOD Sewer Design/Tammarack/Buttonwood** DES/DOTS \$25,000 \$25,000 PLANNING DOTS/PLN \$250,000 \$200,000 Cortlandt Waterfront Park Improvements* DOTS/PLN \$200,000 \$200,000 Cortlandt Blvd Design* DOTS/PLN \$200,000 \$200,000 BUILDINGS BLDGS \$250,000 \$850,000 Town Hall HVAC Construction BLDGS \$850,000 \$850,000			-						_			
Croton Ave/202 Water Main Replacement DOTS/WAT \$1,300,000 \$1,300,000 Sherwood Road Transite Pipe Replacement* DOTS/WAT \$950,000 \$950,000 SEWER Verplanck Quarry on Hudson (Sanitary Package Plant) DOTS \$1,800,000 \$150,000 Montrose Business Association Sewer Design** DOTS/ENG \$150,000 \$150,000 MOD Sewer Design/Tammarack/Buttonwood** DES/DOTS \$25,000 \$25,000 PLANNING DOTS/PLN \$250,000 \$200,000 Cortlandt Waterfront Park Improvements* DOTS/PLN \$200,000 \$200,000 Cortlandt Blvd Design* DOTS/PLN \$200,000 \$200,000 BUILDINGS BLDGS \$250,000 \$850,000 Town Hall HVAC Construction BLDGS \$850,000 \$850,000					•						1	ATER
Sherwood Road Transite Pipe Replacement*							\$800,000		0	\$800,000	DOTS/WAT	roton Park Road Watermain Replacement
SEWER DOTS \$1,800,000 Werplanck Quarry on Hudson (Sanitary Package Plant) DOTS \$1,800,000 Montrose Business Association Sewer Design** DOTS/ENG \$150,000 MOD Sewer Design/Tammarack/Buttonwood** DES/DOTS \$25,000 PLANNING S25,000 \$25,000 Cortlandt Waterfront Park Improvements* DOTS/PLN \$250,000 Cortlandt Blvd Design* DOTS/PLN \$200,000 BUILDINGS \$200,000 Paramedic Building BLDGS \$250,000 Town Hall HVAC Construction BLDGS \$850,000							1,300,000		0	\$1,300,000	DOTS/WAT	roton Ave/202 Water Main Replacement
Verplanck Quarry on Hudson (Sanitary Package Plant) DOTS \$1,800,000 \$150,000 Montrose Business Association Sewer Design** DOTS/ENG \$150,000 \$150,000 MOD Sewer Design/Tammarack/Buttonwood** DES/DOTS \$25,000 \$25,000 PLANNING DOTS/PLN \$250,000 \$200,000 Cortlandt Waterfront Park Improvements* DOTS/PLN \$200,000 \$200,000 Cortlandt Blvd Design* DOTS/PLN \$200,000 \$200,000 BUILDINGS BUILDINGS \$250,000 \$200,000 Town Hall HVAC Construction BLDGS \$850,000 \$850,000						\$950,000			0	\$950,000	DOTS/WAT	herwood Road Transite Pipe Replacement*
Montrose Business Association Sewer Design** DOTS/ENG \$150,000 \$150,000 MOD Sewer Design/Tammarack/Buttonwood** DES/DOTS \$25,000 \$25,000 PLANNING DOTS/PLN \$250,000 \$200,000 Cortlandt Waterfront Park Improvements* DOTS/PLN \$200,000 \$200,000 Cortlandt Blvd Design* DOTS/PLN \$200,000 \$200,000 BUILDINGS BUILDINGS \$250,000 \$200,000 Town Hall HVAC Construction BLDGS \$850,000 \$850,000												EWER
Montrose Business Association Sewer Design** DOTS/ENG \$150,000 \$150,000 MOD Sewer Design/Tammarack/Buttonwood** DES/DOTS \$25,000 \$25,000 PLANNING DOTS/PLN \$250,000 \$200,000 Cortlandt Waterfront Park Improvements* DOTS/PLN \$200,000 \$200,000 Cortlandt Blvd Design* DOTS/PLN \$200,000 \$200,000 BUILDINGS BUILDINGS \$250,000 \$200,000 Town Hall HVAC Construction BLDGS \$850,000 \$850,000	\$1,800,000 (6)	- 1							0	\$1,800,000	DOTS	erplanck Quarry on Hudson (Sanitary Package Plant)
PLANNING DOTS/PLN \$250,000 \$200,000 Cortlandt Waterfront Park Improvements* DOTS/PLN \$200,000 \$200,000 Cortlandt Blvd Design* DOTS/PLN \$200,000 \$200,000 BUILDINGS BUILDINGS \$250,000 \$200,000 Paramedic Building BLDGS \$250,000 \$850,000 Town Hall HVAC Construction BLDGS \$850,000 \$850,000						\$150,000			0	\$150,000	DOTS/ENG	Iontrose Business Association Sewer Design**
PLANNING DOTS/PLN \$250,000 \$200,000 Cortlandt Waterfront Park Improvements* DOTS/PLN \$250,000 \$200,000 Cortlandt Blvd Design* DOTS/PLN \$200,000 \$200,000 BUILDINGS DOTS/PLN \$250,000 \$200,000 Paramedic Building BLDGS \$250,000 \$250,000 Town Hall HVAC Construction BLDGS \$850,000 \$850,000						\$25,000			0	\$25,000	DES/DOTS	IOD Sewer Design/Tammarack/Buttonwood**
Cortlandt Blvd Design* DOTS/PLN \$200,000 \$200,000 BUILDINGS BUILDINGS \$250,000 \$200,000 Paramedic Building BLDGS \$250,000 \$250,000 Town Hall HVAC Construction BLDGS \$850,000 \$850,000												LANNING
BUILDINGS BLDGS \$250,000 Paramedic Building BLDGS \$250,000 Town Hall HVAC Construction BLDGS \$850,000	\$50,000 (8)				\$200,000				0	\$250,000	DOTS/PLN	ortlandt Waterfront Park Improvements*
Paramedic Building BLDGS \$250,000 Town Hall HVAC Construction BLDGS \$850,000					\$200,000				0	\$200,000	DOTS/PLN	ortlandt Blvd Design*
Town Hall HVAC Construction BLDGS \$850,000 \$850,000												UILDINGS
	\$250,000 (10								0	\$250,000	BLDGS	aramedic Building
								50,000	0	\$850,000	BLDGS	own Hall HVAC Construction
	\$50,000 (11				\$50,000			,			1	
Rehab former Parks Building / Tennis Court Repair/ Pavillion Rehab BLDGS \$100,000 \$100,000	(_										
	\$5,288,000	\$0	\$	\$0		1.165 000	2.100.000	50.000			†	

(1) NYSDOT - 100% CHIPS (7) East of Hudson Funds

(8) Consolidated Funding (CFA) (2) NYSDOT - 80%/20%

 $(3) \, Federal \, Transportation$ (9) FEMA Reimbursement

(4) NYSOPRHP - 50%50% (10) In Kind

(5) CDBG Anticipated (11) NYSDEC grant

(6) Private Developer (12) Future Funding by Others

** Sewer District to be established (13) Lease Financing The Capital Improvement Program is a long range planning and budgeting tool used only for projects with costs greater than \$50,000. However projects maybe phased over multiple years and the cost in an individual year might be less than \$50,000. It is to be used as a guide to help the Town prioritize its capital projects and identify funding sources. It should not be considered a commitment to fund a specific project in a specific year. It should be noted that anywhere there is a "design" cost it includes staff time.

^{*} Continued in next year

December 6, 2018 2020

PROJECT DEPARTMENT TOTAL TOWNWIDE CCWD SPECIAL OPERATING TRUST & HIGHWAY OTHER NAME COST DEBT DEBT DISTRICT BUDGET AGENCY DEBT

2020 CIP

VEHICLES: DES Town Wide Vehicle Replacement Program RECREATION Cook Pool Bathhouse, MiniGolf SnackBar Construction HIGHWAY Paving (Annual Program)	DES/VAR DOTS/REC DES/HWY	\$750,000 \$750,000	750,000			\$250,000			\$500,000	(13)
RECREATION Cook Pool Bathhouse, MiniGolf SnackBar Construction HIGHWAY Paving (Annual Program)	DOTS/REC		750,000			\$250,000			\$500,000	(13)
Cook Pool Bathhouse, MiniGolf SnackBar Construction HIGHWAY Paving (Annual Program)		\$750,000	750,000			î				()
HIGHWAY Paving (Annual Program)		\$750,000	750.000							
Paving (Annual Program)	DES/HWY		700,000							
<u> </u>	DES/HWY									
		\$1,200,000				\$900,000			\$300,000	(1)
Intersection Improvements at Ridge & Lafayette	DES/HWY	\$130,000				\$130,000				
Bleakley House Demolition	DES/HWY	\$100,000				\$100,000				
Gallows Hill Road Re-Construction & Culvert Replacement	DES/HWY	\$2,000,000						\$1,000,000	\$1,000,000	(12)
Cortlandt Boulevard Construction	DES/HWY	\$2,250,000				\$450,000			\$1,800,000	(2)
Broadway Sidewalks 8th to 16th Design*	DES/ENG	\$70,000				\$70,000				
DRAINAGE										
Westchester Mall (CTC) Drainage Construction	DES/HWY	\$380,000			\$380,000					
East of Hudson Phosphorous Reduction (watershed)	DES/HWY	\$650,000							\$650,000	
Croton Park Colony Drainage Construction	DES/HWY	\$275,000				\$275,000				
Culvert Replacement Gallows Hill Road	DES/HWY	\$150,000				\$150,000				
WATER										
Mohegan Colony Water Main Replacement	DES/HWY	\$500,000			\$500,000					
Town Wide Transite Pipe Replacement (Ongoing)*	DOTS/WAT	\$500,000			\$500,000					
SEWER										
Cortlandt Blvd East Expansion Area Design	DES/DOTS	\$600,000			\$600,000					
MOD Sewer Design/Tammarack/Buttonwood	DES/DOTS	\$250,000			\$250,000					
Montrose Business Area Sewer Construction	DES/ENG	\$1,750,000			\$750,000				\$1,000,000	(11)(
PLANNING										
Broadway Streetscape 8th to 16th St Design	DES/ENG	\$50,000				\$25,000			\$25,000	(5)
Cortlandt Waterfront Park Improvements*	DOTS/PLN	\$250,000				\$200,000			\$50,000	(8)
Transit Oriented District Study Implementation	DOTS/PLN	\$150,000				\$30,000			\$120,000	(6)
BUILDINGS									-	
Rehab Dome at Arlo	BLDGS	\$150,000				\$150,000				
Paramedic Building Construction	BLDGS	\$400,000			\$400,000	,				
TOTAL 2020		\$13,305,000	\$750,000	\$0.5	3 380 000	\$2,730,000	\$0	\$1,000,000	\$5,445,000	

^{*} Continued in next year

(1) NYSDOT - 100% CHIPS (7) East of Hudson Funds

(2) NYSDOT - 80%/20% (8) Consolidated Funding (CFA)

(3) NYSDERA (9) FEMA Reimbursement

(4) NYSOPRHP - 50%/50% (10) In Kind (5) CDBG Anticipated (11) NYS/County

(6) Private Developer (12) Future Funding by Others

(13) Lease Financing

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2021

December 6, 2018

2021

PROJECT NAME	DEPARTMENT	TOTAL COST	TOWNWIDE DEBT	CCWD DEBT	SPECIAL DISTRICT	OPERATING BUDGET	TRUST &	HIGHWAY DEBT	OTHER	
2021 CIP		CODI	DEDI	DEBI	District	BODGET	rioEric i	DLDI		
VEHICLES: DES										
Town wide Vehicle Replacement Program	DES	\$750,000				\$250,000			\$500,000	(13)
RECREATION										
Verplanck Fields Construction (1 of 2)	DES/REC	\$750,000	750,000							
HIGHWAY										
Paving (Annual Program)	DES/HWY	\$1,200,000				\$900,000			\$300,000	(1)
Broadway 8th to 16th Street Construction	DES/HWY	\$1,200,000				\$950,000			\$250,000	(5)
DRAINAGE										
Various Projects	DES/HWY	\$300,000				\$300,000				
WATER										
Town Wide Transite Pipe Replacement (Ongoing)*	DOTS/WAT	\$500,000			\$500,000					
SEWER										
Cortlandt Boulevard East Expansion Area Construction	DES/DOTS	\$2,000,000			\$2,000,000					
MOD Sewer Design	DES/DOTS	\$250,000			\$250,000					
WSD Annsville Sewer Construction	DES/DOTS	\$1,000,000			\$500,000				\$500,000	(6)(8)(11)(1
PLANNING										
Cortlandt Waterfront Park Improvements*	DOTS/PLN	\$250,000				\$200,000			\$50,000	(8)
BUILDINGS										
HR Discovery Center at CWP Construction*	DOTS/PLN	\$7,000,000							\$7,000,000	(12)
TOTAL 2021		\$15,200,000	\$750,000	\$0	\$3,250,000	\$2,600,000	\$0	\$0	\$8,600,000	

^{*} Continued in next year

(1) NYSDOT - 100% CHIPS (7) East of Hudson Funds

(2) NYSDOT - 80%/20% (8) Consolidated Funding (CFA)

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2022 December 6, 2018 2022

PROJECT NAME	DEPARTMENT	TOTAL COST	TOWNWIDE DEBT	CCWD DEBT	SPECIAL DISTRICT	OPERATING BUDGET	TRUST & AGENCY	HIGHWAY DEBT	OTHER	
2022 CIP		COST	DEBI	DEBT	DISTRICT	BODGET	AGENCI	DEBT		
VEHICLES: DES										1
Town wide Vehicle Replacement Program	DES	\$750,000				\$250,000			\$500,000	(13)
RECREATION										
Verplanck Fields Construction (2 of 2)	DES/REC	\$750,000	750,000							
HIGHWAY										
Paving (Annual Program)	DES/HWY	\$1,200,000				\$900,000			\$300,000	(1)
Broadway 8th to 16th Street Construction	DES/HWY	\$1,200,000				\$240,000			\$960,000	(12)
DRAINAGE										
Various Projects	DES/HWY	\$300,000				\$300,000				
WATER										
Town Wide Transite Pipe Replacement (Ongoing)*	DOTS/WAT	\$500,000			\$500,000					
SEWER										
MOD Sewer Construction	DES/DOTS	\$3,500,000			\$3,500,000					
WSD Annsville Sewer Construction	DES/DOTS	\$1,000,000			\$500,000				\$500,000	(6)(8)(11)
PLANNING										
Cortlandt Waterfront Park Restaurant	DOTS/PLN	\$500,000							\$500,000	(12)
BUILDINGS										
HR Discovery Center at CWP Construction*	DOTS/PLN	\$7,000,000							\$7,000,000	(12)
TOTAL 2022		\$16,700,000	\$750,000	\$0	\$4,500,000	\$1,690,000	\$0	\$0	\$9,760,000	

^{*} Continued in next year

(1) NYSDOT - 100% CHIPS (7) East of Hudson Funds

(2) NYSDOT - 80%/20% (8) Consolidated Funding (CFA)

(3) NYSDERA (9) FEMA Reimbursement

(4) NYSOPRHP - 50%/50% (10) In Kind

(5) CDBG Anticipated (11) NYS/County

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