

R-2721A Apex Betterments

Betterment Item	Betterment Cost
-Y2- Sidewalk	\$ 5,574.63
-Y3- Sidewalk (5')	\$ 30,102.98
-Y3- Bridge Sidewalk (3' additional)	\$ 5,017.16
-Y3- Bridge Deck for sidewalk (3' additional)	\$ 122,958.00
-Y3- Bridge Shared lane (1' additional)	\$ 16,394.40
Middle Creek Greenway Bridge and trail	\$ 333,187.78
APEX TOTAL	\$ 513,234.94
SAY \$	513,235

TIP No. **R-2721A**
Route Complete 540
From West of NC55 Bypass to East of SR 1389 (Pierce Olive Rd)
Typical Section

R/W

County: **WAKE**

CONSTR. COST
\$13,937

APEX - MUNICIPAL AGREEMENT ESTIMATE
SIDEWALK (-Y2-) EAST WILLIAMS ST.

Prepared By: HW Lochner and MJ Kneis
Requested By:

Date 8/12/2019
Date

Line Item	Des	Sec No.	Description	Quantity	Unit	*Unit Price	Amount
			Sidewalk				
			4" Concrete Sidewalk (East Williams St)	250	SY	\$ 38.78	\$ 9,695.00
			Misc. & Mob (10% Str & Utilities)		LS		
			Misc. & Mob (25% Rdwy)		LS		\$ 2,423.75

Lgth 4.5 Mi.

Contract Cost	\$ 12,118.75
E. & C. 15%	\$ 1,817.81
Construction Cost	\$ 13,936.56

* Unit Price From NCDOT 2018 Bid Averages

Apex share 40% **\$ 5,574.63**

TIP No. **R-2721A**
Route Complete 540
From West of NC55 Bypass to East of SR 1389 (Pierce Olive Rd)
Typical Section

R/W

County: **WAKE**

CONSTR. COST
\$80,275

APEX - MUNICIPAL AGREEMENT ESTIMATE
SIDEWALK (-Y3-) SUNSET LAKE ROAD.

Prepared By: HW Lochner and MJ Kneis
Requested By:

Date 8/12/2019
Date

Line Item	Des	Sec No.	Description	Quantity	Unit	*Unit Price	Amount
			Sidewalk				
			4" Concrete Sidewalk (Sunset Lake Road)	1,350	SY	\$ 38.78	\$ 52,353.00
			Misc. & Mob (10% Str & Utilities)		LS		
			Misc. & Mob (25% Rdwy)		LS		\$ 13,088.25
			Contract Cost				\$ 65,441.25
			E. & C. 15%				\$ 9,816.19
			Construction Cost				\$ 75,257.44
						Cost Share 40%	\$ 30,102.98
			4" Concrete Sidewalk (Sunset Lake Road) Extra Width	90	SY	\$ 38.78	\$ 3,490.20
			Misc. & Mob (10% Str & Utilities)		LS		
			Misc. & Mob (25% Rdwy)		LS		\$ 872.55

Lgth

Contract Cost	\$ 4,362.75
E. & C. 15%	\$ 654.41
100% Construction Cost	\$ 5,017.16

TOTAL APEX SHARE \$ 35,120.14

* Unit Price From NCDOT 2018 Bid Averages

TIP No. **R-2721A**
 Route Complete 540
 From West of NC55 Bypass to East of SR 1389 (Pierce Olive Rd)
 Typical Section

R/W

County: **WAKE**

CONSTR. COST
\$666,376

APEX - MUNICIPAL AGREEMENT ESTIMATE
Greenway (Culvert & Pavement)

Prepared By: HW Lochner Date 1/4/2019
 Requested By: Date

Line Item	Des	Sec No.	Description	Quantity	Unit	*Unit Price	Amount
			Greenway Culverts				
			Middle Creek Greenway				
			1 @ 14'x10' -L- Sta 79+72 Fill= 6.5' Skew=90°	236	LF	\$ 1,920.00	\$ 453,120.00
			Greenway Relocation				
			Middle Creek Greenway				
			10' Greenway -L- Sta 79+72	0.07	MI	\$ 926,000.00	\$ 64,820.00
			Misc. & Mob (10% Str & Utilities)		LS		\$ 45,312.00
			Misc. & Mob (25% Rdwy)		LS		\$ 16,205.00

Lgth 4.5 Mi.

Contract Cost	\$ 579,457.00
E. & C. 15%	\$ 86,918.55
Construction Cost	\$ 666,375.55

* Unit Price From NCDOT 2018 Bid Averages

50% Cost share regardless of bridge or culvert, per RDR **\$ 333,187.78**

TIP No. **R-2721A**
 Route Complete 540
 From West of NC55 Bypass to East of SR 1389 (Pierce Olive Rd)
 Typical Section

R/W

County: **WAKE**

CONSTR. COST
\$163,944

**APEX - MUNICIPAL AGREEMENT ESTIMATE
 STRUCTURE -BETTERMENT (-Y3-) Sunset Lake Road**

Prepared By: HW Lochner and MJ Kneis Date 8/12/2019
 Requested By: Date

Line Item	Des	Sec No.	Description	Quantity	Unit	*Unit Price	Amount
							\$ -
			Structure Betterments for Bike Lane Accommodations				
			Y3 (Sunset Lake Road) over L(540) (Complex)	270.00	SF	\$ 120.00	\$ 32,400.00
			Misc. & Mob (10% Str & Utilities)		LS		\$ 3,240.00
			Misc. & Mob (25% Rdwy)		LS		

Lgth Contract Cost \$ 35,640.00
 E. & C. 15% \$ 5,346.00
 Construction Cost \$ 40,986.00

			40% Cost Share				\$ 16,394.40
			Structure Betterments for Extra Width Sidewalk Accommodations				
			Y3 (Sunset Lake Road) over L(540) (Complex)	810.00	SF	\$ 120.00	\$ 97,200.00
			Misc. & Mob (10% Str & Utilities)		LS		\$ 9,720.00
			Misc. & Mob (25% Rdwy)		LS		

Lgth Contract Cost \$ 106,920.00
 E. & C. 15% \$ 16,038.00
 100% Cost Share **\$ 122,958.00**

TOTAL APEX SHARE \$ 139,352.40

* Unit Price From NCDOT 2018 Bid Averages

