

Estimate

Project: Morningside at Meadow Pointe Date: April 27, 2022
 Estimator: Stephanie Kelm PVAS No. 3500
 Work Order No. _____ District No. 2

	Street Name	County Maint. Y/N	Road Rating	Width	Length	Sy.- Paving	Drives	Mailboxes	Hammerhead	T's	Manhole	W.Valve	Cul de Sac	Turnaround	Sidewalk Repair S	Base Repair SY
1	Solitude Drive	Y	E	22	470	1149.0										22.98
2	Fog Hollow Drive	Y	E	22	1735	4242.0					8					84.82
3	Golden Dawn Place	Y	E	22	317	775.0					3		1			15.5
4	Morwen Place	Y	E	22	1262	3085.0					4		1			61.7
5	Morningmist Drive	Y	E	22	3445	8422.0					13					168.42
6	Bright Way Place	Y	E	22	845	2066.0					2					41.31
7						0.0										0
8						0.0										0
9						0.0										0
10						0.0										0
11						0.0										0
12						0.0										0
13						0.0										0
14						0.0										0
15						0.0										0
16						0.0										0
17						0.0										0
18						0.0										0
19						0.0										0
20						0.0										0
21						0.0										0
22						0.0										0
23						0.0										0
24						0.0										0
25						0.0										0
26						0.0										0
27						0.0										0
28						0.0										0
29						0.0										0
30						0.0										0
31						0.0										0
32						0.0										0
33						0.0										0
34						0.0										0
35						0.0										0
36						0.0										0
37						0.0										0
38						0.0										0
39						0.0										0
40						0.0										0
41						0.0										0
42						0.0										0
43						0.0										0
44						0.0										0
45						0.0										0
TOTALS =					8,074.0	19,739.0	0	0	0	0	30	0	2	0	0	394.73
Combined Distance = 1.53 MILES					Length	Sy.- Paving	Drives	Mailboxes	Hammerhead	T's	Manhole	W.Valve	Cul de Sac	Turnaround	Sidewalk Repair S	Base Repair SY

AREA IN SY.	19,739.0
Spandrels @ 30 Sy. Ea.	0
"T" Turn Around @ 50 Sy. Ea.	0
Cul-de-Sac @ 520 Sy. Ea.	2
Drives @ 20SY Ea. (Turnouts)	0
Hammerhead	0
Total Sy. Ex. Pavement =	20,779.0 Sy.

Required Asphalt		Spread (lb/sy)	Tonnage
Type SP 9.5 Asphalt Concrete Cement (local)		110	1143
Type FC 9.5/PG 76-22 Asphalt with Polymer (Art/Coll)		0	0
Type SP 12.5 Asphalt Concrete Cement (local)		165	1714
Type FC 12.5/PG 76-22 Asphalt with Polymer (Art/Coll)		0	0
Superpave Asphaltic Concrete, Traffic C (high speed Hwy)		0	0
Type ABC-3 (widening w/o limerock)		0	0
Deep Base		525	104

BASE REPAIR PERCENTAGE MULTPLIER 2.00%
SIDEWALK PERCENTAGE MULTPLIER 0.00%
SIDEWALK WIDTH 0 FT
SIDEWALK THICKNESS 0 IN (4" OR 6")
SHOULDER REWORK WIDTH 0 FT
SOD WIDTH 0 FT

Updated
7/8/2021

Estimate

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ASPHALT ITEMS

ITEM NO.	DESCRIPTION	QTY.	UNITS	UNIT PRICE APS 19-253	AMOUNT APS 19-253
102-99	Temporary Portable Changeable Message Sign: As required by the approved MOT plan. This line item Not intended to cover the cost for the use of a MB for "public notification purposes", as required by the Special Conditions, SP 7; Advance Resident Notification,		EA/DAY	\$ 40.00	\$ -
102-14	Temporary Traffic Control Officer (Law Enforcement Officer to handle Traffic throughout Signalized Intersections) (This line item will be for two (2) law enforcement officers (LEOS) per hour		HR	\$ 86.00	\$ -
A104-10-1	Baled Hay (Staked)		EA	\$ 35.00	\$ -
A104-13	Silt Fence (Staked)		LF	\$ 0.90	\$ -
104-16	Rock Bags	80	EA	\$ 5.00	\$ 400.00
110-2	Selective Clearing and Grubbing	1	AC	\$ 2,000.00	\$ 2,000.00
110-4	Removal of Existing Pavement (Concrete)		SY	\$ 45.00	\$ -
110-47	Road Edge Preparation	16,148	LF	\$ 0.45	\$ 7,266.60
110-48	Sawcut Concrete Driveways		LF	\$ 5.00	\$ -
110-49	Sawcut Asphaltic Concrete		LF	\$ 5.00	\$ -
110-50	"Pickup" Type Power Broom	30	HR	\$ 126.00	\$ 3,780.00
110-7	Mailboxes (Relocation) (Furnish and Install)		EA	\$ 110.00	\$ -
120-1	Regular Excavation		CY	\$ 18.00	\$ -
120-2	Borrow Excavation		CY	\$ 22.50	\$ -
120-6	Embankment		CY	\$ 40.50	\$ -
106-4	Stabilization		SY	\$ 1.50	\$ -
162-2	Topsail		SY	\$ 21.00	\$ -
270-1	Soil Cement Base, 8" (300 PSI Plant Mix)		SY	\$ 2.50	\$ -
210-2	Limerock, New Material for reworking base		TN	\$ 21.60	\$ -
230-1	Limerock Stabilized Base		SY	\$ 37.00	\$ -
230-2	Limerock Material		CY	\$ 25.00	\$ -
270-1	Full Depth Reclamation (8" Depth)		SY	\$ 7.65	\$ -
270-1-A	Portland Cement		TN	\$ 180.00	\$ -
285-7	Optional Base (Type B- 12.5)		SY	\$ 30.00	\$ -
286-1	Turnout Construction (Concrete)		SY	\$ 58.50	\$ -
286-2	Turnout Construction (Asphalt)		TN	\$ 125.55	\$ -
327-70-8	Milling of Existing Asphalt Pavement (2"- 2-1/2" Maximum Depth) (Various Widths) (Local Roads)	27,012	SY	\$ 1.50	\$ 40,518.00
327-70-SA	Milling of Existing Asphalt Pavement (2"- 2-3/4" Maximum Depth) (Various Widths)		SY	\$ 2.00	\$ -
327-70-17	Milling of Existing Asphalt Pavement (3 1/4" Maximum Depth) (Various Widths)		SY	\$ 2.60	\$ -
XX	Millings taken by Contractor as Credit (CY)		CY	\$ (4.00)	\$ -
XX	Millings taken by Contractor as Credit (SY)		SY	\$ (0.10)	\$ -
327-70-SB	Haul and Stockpile Millings		CY-MI	\$ 0.95	\$ -
331-1	Asphalt Price Index Adjustment	54,325	GA	\$ 0.63	\$ 34,224.56
331-2-1	Type S-I Asphalt Concrete Cement (ACC), Leveling		TN	\$ 90.21	\$ -
331-2-4	Type S-III ACC, Leveling		TN	\$ 93.00	\$ -
331-2-6	Type S-III ACC, Surface or Intermediate Course		TN	\$ 93.00	\$ -
331-2-7	Type S-I ACC, Deep Patch		TN	\$ 105.50	\$ -
331-2-8	Type ABC-3 (deep base w/o limerock base)		TN	\$ 90.21	\$ -
334-1-1	Type SP-9.5 Asphalt Concrete Cement (local)	1,485	TN	\$ 102.30	\$ 151,915.50
334-1-2	Type SP 12.5 Asphalt Concrete Cement (local)	2,228	TN	\$ 97.65	\$ 217,564.20
331-2-9	Type FC-3 (without rubber)	135	TN	\$ 102.30	\$ 13,810.50
337-7-1	Type FC- 9.5/PG 76-22 Asphalt with Polymer (Art/Collector)		TN	\$ 120.90	\$ -
337-7-2	Type FC- 12.5/PG 76-22 Asphalt with Polymer (Art/Collector)		TN	\$ 116.25	\$ -
334-1-2A	Asphalt Emulsion Added		GA	\$ 3.75	\$ -
A400-1-2	Endwall (Class II Concrete)		CY	\$ 500.00	\$ -
400-1-15	Class I Concrete (Miscellaneous)		CY	\$ 400.00	\$ -
425-10	Yard Drains		EA	\$ 1,000.00	\$ -
425-1	Inlets		EA	\$ 2,000.00	\$ -
				Sub Total:	\$ 471,479.36

Estimate

Project: Morningside at Meadow Pointe

Estimator: Stephanie Kelm

WO # _____

ITEM NO.	DESCRIPTION	QTY.	UNITS	UNIT PRICE APS	AMOUNT APS
425-4	Adjusting Inlets		EA	\$ 500.00	\$ -
425-5	Adjusting Manholes (riser rings)	30	EA	\$ 125.00	\$ 3,750.00
425-6	Adjusting Valve Boxes		EA	\$ 100.00	\$ -
431-1	Pipe Liner		LF	\$ 30.00	\$ -
440-70	Underdrain Inspection Box		EA	\$ 100.00	\$ -
440-73	Underdrain Outlet Pipe		LF	\$ 150.00	\$ -
520-1-7	Concrete Curb and Gutter (Type E)		LF	\$ 40.50	\$ -
520-1-10	Concrete Curb and Gutter (Type F)		LF	\$ 40.50	\$ -
520-3	Concrete Valley Gutter	300	LF	\$ 40.50	\$ 12,150.00
522-1	Concrete Sidewalk and Driveway		SY	\$ 72.00	\$ -
522-1	Concrete Sidewalk, 4" Thick, 3' - 5' Wide, Including furnishing and installation of ADA Ramps	250	SY	\$ 72.00	\$ 18,000.00
525-1	Asphaltic Concrete Curb		LF	\$ 30.00	\$ -
527-3	Detectable Warnings- Surface Preparation and Installation (concrete curbs and sidewalks)		SF	\$ 25.00	\$ -
575-1-1	Sodding (Bahia)	1,000	SY	\$ 3.75	\$ 3,750.00
577-70	Reworking Shoulders	1,000	SY	\$ 0.75	\$ 750.00
2501-1	Crack Sealing		LF	\$ 36.00	\$ -
2502-1	Microsurfacing (Single)		SY	\$ 3.91	\$ -
2502-2	Microsurfacing (Double)		SY	\$ 4.38	\$ -
2503	Asphalt Rejuvenation (Petroleum Based)		SY	\$ 8.00	\$ -
555-1-1	Directional Bore Less Than 6"		LF	\$ 27.50	\$ -
630-1-12	Conduit (Furnish & Install) (Underground)		LF	\$ 9.45	\$ -
Sub Total:					\$ 38,400.00

ITEM NO.	DESCRIPTION	QTY.	UNITS	UNIT PRICE APS	AMOUNT APS
630-1-22	Conduit (Furnish) (Underground) (In directional bore)		LF	\$ 6.95	\$ -
660-03.4	Lead-in Cable/saw cut, 4 cables in saw cut, price per foot of saw cut		LF	\$ 8.50	\$ -
635-1-11	Pull & Junction Boxes (F&I) (Pull Box)		EA	\$ 801.00	\$ -
660-2-102	Loop Assembly Type B (Loop Only/No Home Run)		AS	\$ 411.00	\$ -
660-2-106	Loop Assembly Type F (6'X15") (Loop Only/No Home Run)		AS	\$ 594.00	\$ -
660-2-106A	Loop Assembly Type F (6'X30") (Loop Only/No Home Run)		AS	\$ 489.00	\$ -
741-70-111	TMS Vehicle Sensor (Class III) (F&I) (Type 1) (1 per/LN)		EA	\$ 1,110.00	\$ -
745-70-12	TMS Inductive Loop Assem (F&I) (2 Loops/LN)		AS	\$ 1,486.00	\$ -
0102107-1	Temporary Traffic Detection & Maintain INTER		EA	\$ 1,500.00	\$ -
701-11-111	Audible and Vibratory Pavement Markings, Std. White solid 6"		NM	\$ 3,870.00	\$ -
701-11-121	Audible and Vibratory Pavement Markings, Std. White skip 6"		GM	\$ 1,600.00	\$ -
701-11-221	Audible and Vibratory Pavement Markings, Std. Yellow Skip 6"		GM	\$ 1,600.00	\$ -
702-11-121	Wet Weather Markings, Skip, White 6"		GM	\$ 45.00	\$ -
702-11-221	Wet Weather Markings, Skip, Yellow 6"		GM	\$ 45.00	\$ -
702-12-121	Wet Weather and Audible Markings, Skip, White, 6"		GM	\$ 45.00	\$ -
702-12-221	Wet Weather and Audible Markings, Skip, Yellow, 6"		GM	\$ 45.00	\$ -
705-10	Object Marker		EA	\$ 200.00	\$ -
705-11	Delineator		EA	\$ 175.00	\$ -
706-1-32	Reflective Pavement Markers Remove		EA	\$ 6.00	\$ -
706-3	Retro-Reflective Pavement Markers		EA	\$ 4.80	\$ -
710-11-121	Painted Pavement Markings, Standard, White, Solid, 6"		LF	\$ 0.45	\$ -
710-11-122	Painted Pavement Markings, Standard, White, Solid, 8"		LF	\$ 0.90	\$ -
710-11-123	Painted Pavement Markings, Standard, White, Solid, 12"		LF	\$ 1.80	\$ -
710-11-124	Painted Pavement Markings, Standard, White, Solid, 18"		LF	\$ 2.70	\$ -
710-11-125	Painted Pavement Markings, Standard, White, Solid, 24"		LF	\$ 3.60	\$ -
710-11-131	Painted Pavement Markings, Standard, White, Skip, 6"		GM	\$ 900.00	\$ -
710-11-132	Painted Pavement Markings, Standard, White, Skip, 8"		GM	\$ 270.00	\$ -
710-11-151	Painted Pavement Markings, Standard, White, Dotted/Guideline/ 6-10 Gap Extension, 6"		LF	\$ 0.45	\$ -
710-11-160	Painted Pavement Markings, Standard, White, Message		EA	\$ 108.00	\$ -
710-11-170	Painted Pavement Markings, Standard, White, Arrows		EA	\$ 45.00	\$ -
710-11-190	Painted Pavement Markings, Standard, White, Island Nose		SF	\$ 4.50	\$ -
710-11-221	Painted Pavement Markings, Standard, Yellow, Solid, 6"		LF	\$ 0.45	\$ -
710-11-222	Painted Pavement Markings, Standard, Yellow, Solid, 8"		LF	\$ 1.12	\$ -
710-11-224	Painted Pavement Markings, Standard, Yellow, Solid, 18"		LF	\$ 2.25	\$ -
710-11-231	Painted Pavement Markings, Standard, Yellow, Skip, 6"		GM	\$ 900.00	\$ -
710-11-251	Painted Pavement Markings, Standard, Yellow, Dotted/Guideline/ 6-10 Gap Extension, 6"		LF	\$ 0.45	\$ -
710-11-290	Painted Pavement Markings, Standard, Yellow, Island Nose		SF	\$ 4.50	\$ -
710-11-321	Painted Pavement Markings, Standard, Black, Solid, 6"		LF	\$ 0.90	\$ -
710-11-331	Painted Pavement Markings, Standard, Black, Skip, 6"		GM	\$ 900.00	\$ -
710-17	Painted Pavement Markings, Remove		SF	\$ 4.50	\$ -
711-11-121	Thermoplastic, Standard, White, Solid, 6"		LF	\$ 0.62	\$ -
711-11-122	Thermoplastic, Standard, White, Solid, 8"		LF	\$ 0.68	\$ -
711-11-123	Thermoplastic, Standard, White, Solid, 12"		LF	\$ 2.25	\$ -
711-11-124	Thermoplastic, Standard, White, Solid, 18"		LF	\$ 2.93	\$ -
771-11-125	Thermoplastic, Standard, White, Solid, 24"		LF	\$ 3.83	\$ -
711-11-131	Thermoplastic, Standard, White, Skip, 6"		GM	\$ 1,170.00	\$ -
711-11-132	Thermoplastic, Standard, White, 3-9 Skip, 8"		GM	\$ 1,800.00	\$ -
711-11-151	Thermoplastic, Standard, White, Dotted/Guideline/ 6-10 Gap Extension, 6"		LF	\$ 0.24	\$ -
711-11-160	Thermoplastic, Standard, White, Message		EA	\$ 99.00	\$ -
711-11-170	Thermoplastic, Standard, White, Arrow		EA	\$ 45.00	\$ -
711-11-180	Thermoplastic, Standard, White, Yield Line		LF	\$ 4.50	\$ -
711-11-221	Thermoplastic, Standard, Yellow, Solid, 6"		LF	\$ 0.62	\$ -
711-11-222	Thermoplastic, Standard, White, Solid, 8"		LF	\$ 0.45	\$ -
711-11-224	Thermoplastic, Standard, White, Solid, 18"		LF	\$ 3.25	\$ -
711-11-231	Thermoplastic, Standard, Yellow, Skip, 6"		GM	\$ 1,170.00	\$ -
711-11-251	Thermoplastic, Standard, Yellow, Dotted/Guideline/ 6-10 Gap Extension, 6"		LF	\$ 0.90	\$ -
Sub Total:					\$ -

ITEM NO.	DESCRIPTION	QTY.	UNITS	UNIT PRICE APS	AMOUNT APS
TC-1	12" Solid Stripe thermoplastic white (Table Marking)		LF	\$ 45.00	\$ -
TC-2	12" Solid Stripe thermoplastic white (Advance Marking)		LF	\$ 4.50	\$ -
TC-3	30"x30" Warning Sign		EA	\$ 360.00	\$ -
TC-4	18"x18" Speed Plate		EA	\$ 113.00	\$ -
TC-5	36" U-Channel post with Two OM2 Object Markers		EA	\$ 225.00	\$ -
TC-6	Asphalt Cushion 12 FT- 24' Wide Road (2 per installation)		Set	\$ 1,250.00	\$ -
Sub Total:					\$ -

	APS
Asphalt Contract SubTotal	\$ 509,879.36
Contingency	10%
Asphalt Contract Total	\$ 560,867.30

Estimate

Project: **Morningside at Meadow Pointe**
 Estimator: **Stephanie Kelm**

Date: April 27, 2022
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Mobilization		LS	X	\$	1,015.00			\$	-
Site Prep.		Sy.	X	\$	1.69			\$	-
Clear & Grub	LT.	A	X	\$	2,200.00	=	\$	-	\$ -
	Med.	A	X	\$	4,850.00	=	\$	-	\$ -
	Hvy.	A	X	\$	8,800.00	=	\$	-	\$ -
Embankment & Fill		Cy.	X	\$	7.20			\$	-
Earth Work (Prep. For ABC)		Sy	X	\$	1.47			\$	-
9" Stab. Subgrade		Sy	X	\$	4.46			\$	-
12" Stab. Subgrade		Sy.	X	\$	5.95			\$	-
6" Base (Primed)		Sy.	X	\$	6.59			\$	-
8" Base (Primed)		Sy.	X	\$	8.78			\$	-
4" Limerock (Primed)		Sy.	X	\$	9.12			\$	-
6" Limerock (Primed)		Sy.	X	\$	13.68			\$	-
8" Limerock (Primed)		Sy.	X	\$	16.15			\$	-
10" Limerock (Primed)		Sy.	X	\$	20.78			\$	-
12" Limerock (Primed)		Sy.	X	\$	26.28			\$	-
Lean Mix		10# / Sy.		\$	1.08			\$	-
		20# / Sy.		\$	1.21			\$	-
Sod		Sy.	X	\$	1.53			\$	-
Sod (Edge)		Lf.	X	\$	0.26			\$	-
Seed & Mulch		Sy.	X	\$	1.28			\$	-
Bailed Hay		Ton	X	\$	118.00			\$	-
Install 15" HDPE under 10' driveway		Unit		\$	2,500.00			\$	-
Clean Culverts		Lf.	X	\$	5.15			\$	-
Swales - 3:1 slopes, 2' deep with sod		Lf.	X	\$	27.00			\$	-
Survey & Test		LS	X	\$	4.00			\$	-
Traffic Control Devices		LS	X	\$	750.00			\$	-
Street Signs				\$	11.81			\$	-
Striping (incl Thermal)		Lf.	X	\$	1.67			\$	-
Drainage Design @ 50%								\$	-
Drainage Construction @ 50%								\$	25,493.00
Paid By Stormwater Funds				\$	(25,493.00)				

PUBLIC WORKS SUB TOTAL = \$ 25,493.00

ADMINISTRATION	7.5%			\$	1,911.98
CONTINGENCY	20%			\$	5,098.60

PUBLIC WORKS TOTAL \$ 32,503.58

ASPHALT TOTAL \$ 560,867.30

ASPHALT AND PUBLIC WORKS TOTAL = \$ 593,370.88

Engineering, Inspection & Administration +	7.00%			\$	41,535.96
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CONSTRUCTION TOTAL = \$ 634,906.84

Number of Lots = 196.00

RECORDING	Resolutio	1	First page	\$	10.00	\$	10.00
		1	Pages	\$	8.50	\$	8.50
	Roll:	1	First page	\$	10.00	\$	10.00
		22	pages	\$	8.50	\$	187.00
						\$	-
	Subtotal					\$	215.50

LIEN SATISFACTION	196	Pages	\$	10.00	\$	1,960.00
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OVERHEAD	196	Lots X	Years	\$	10.00 / year	\$	19,600.00
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Subtotal Lien/Overhead \$ 21,560.00

TOTAL = \$ 656,682.34

Tax Office 2% Fee Added \$ 13,134

Project Cost \$ 669,816