

Fair Haven Borough Council Meeting

April 17, 2023



2023 Road, Sidewalk, and Drainage Program

Presentation by:

Richard Gardella, PE, PP, CME, CPWM

Director of Engineering and Public Works

Capital Improvement Process

- o Initial Planning
- o Governing Body Input
- o Committee Input
- o Professional Input
- o Committee Review
- o Professional Design
- o Professional Revisions – As needed
- o Additional Committee Review – As needed
- o Governing Body Presentation
- o Bid Process
 - Authorization to Bid
 - Bid Award
- o Project Timeline

Element of a Larger Plan



Safety
Improvements



Linkage to Existing
Facilities and
Neighborhoods



Pedestrian and ADA
Upgrades



Drainage and
Infrastructure
Improvements



Community
Needs

Project Location Selection

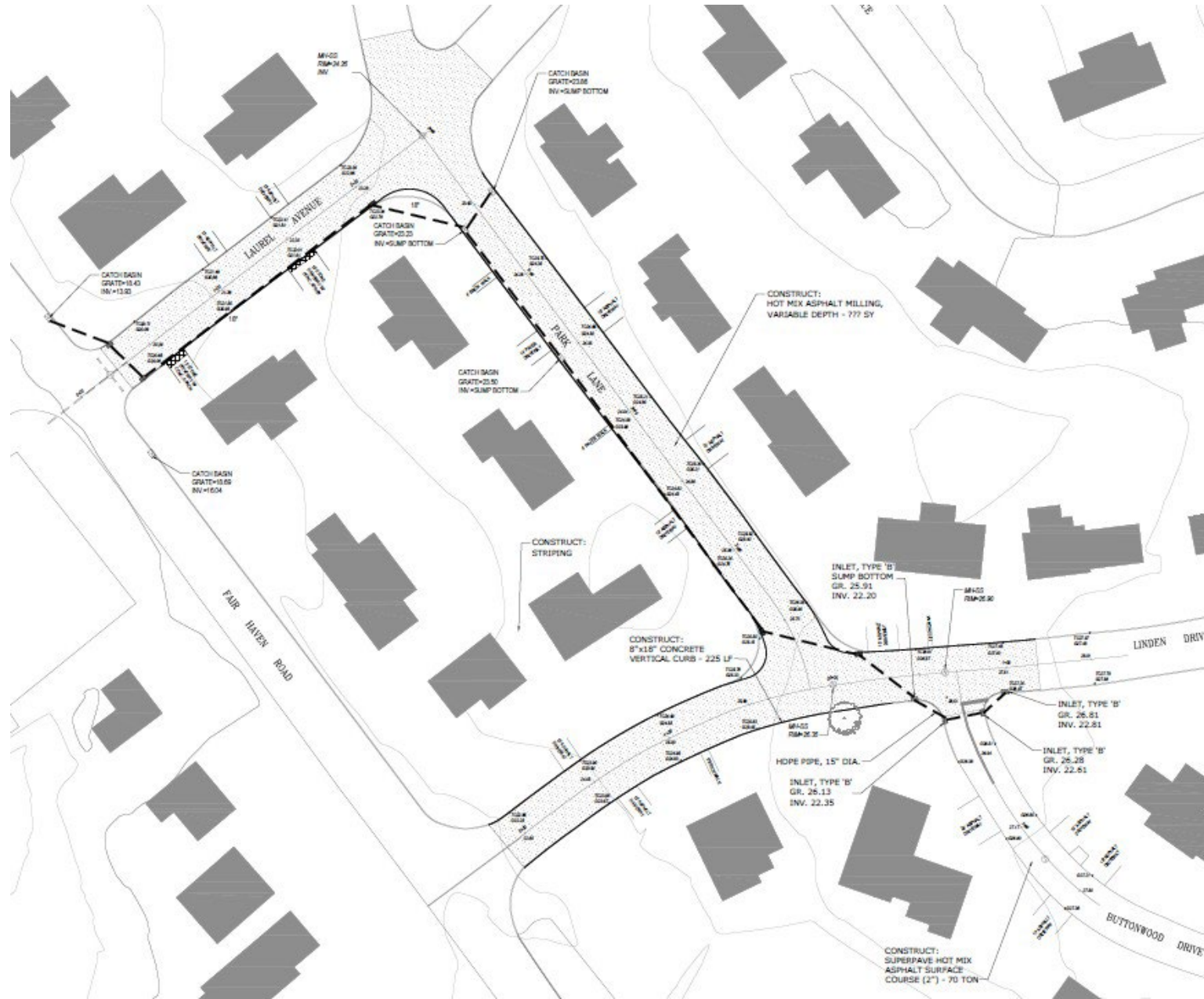
- Governing Body Feedback
- Maintain a list of locations requiring maintenance
- Input from Residents and the Community
- Element of a larger plan
- Coordinate work with utility companies
- Perform engineering assessments
- Communicate with DPW

Project Locations

Eight (8) Locations

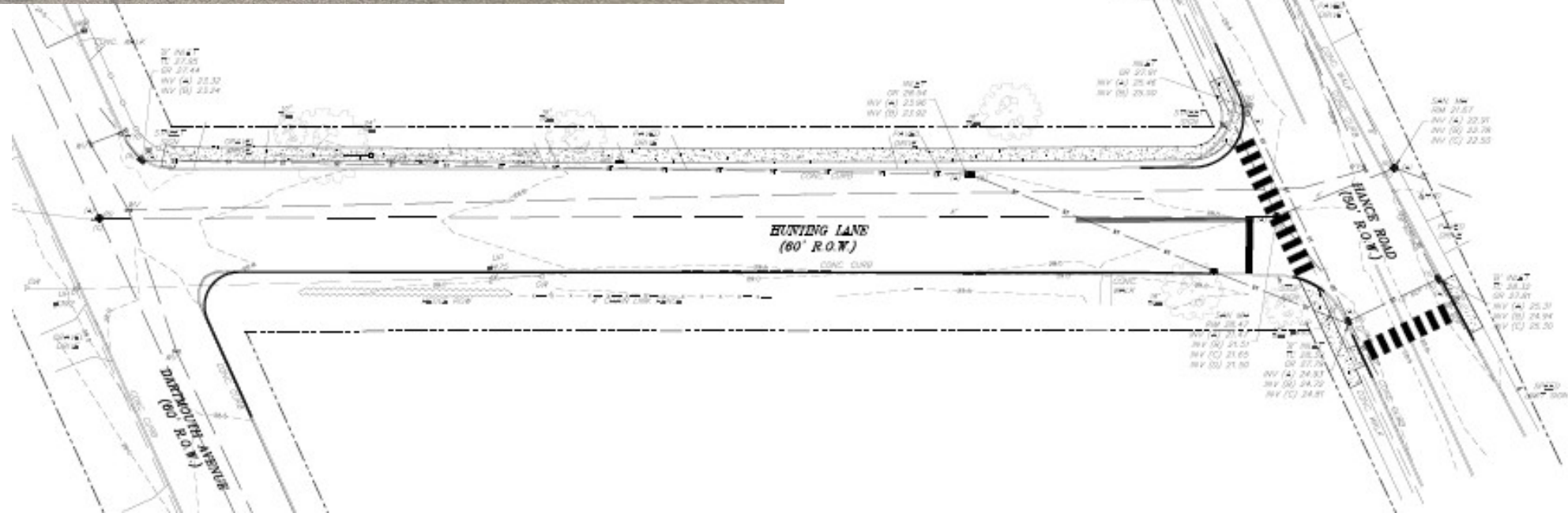
1. Park Lane
2. Hunting Lane
3. Lewis Lane
4. Harding Road
5. Fair Haven Road (Historic District)
6. Gentry Neighborhood
7. DeNormandie Avenue
8. If and Where Directed – 23 locations

Park Lane

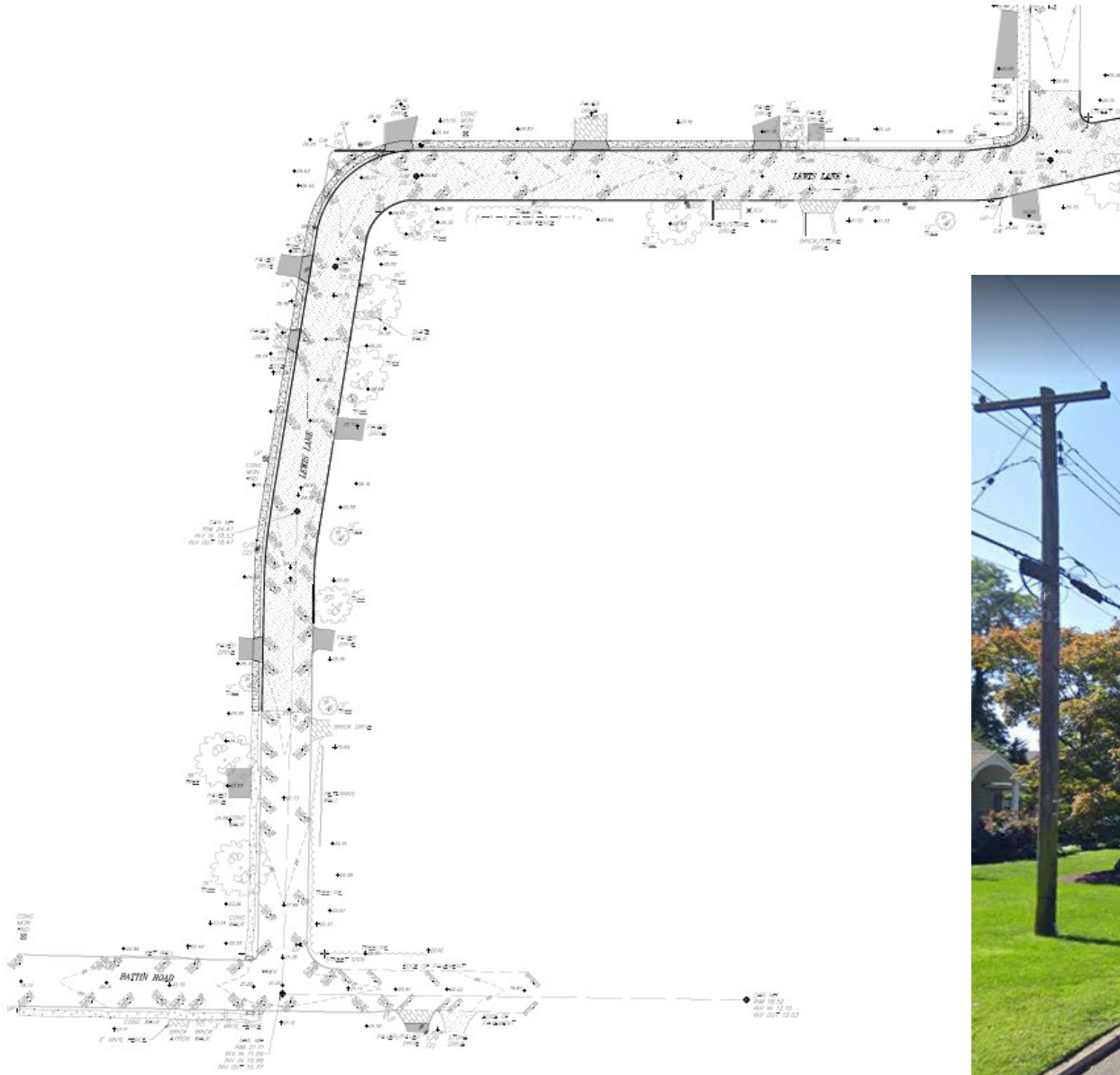




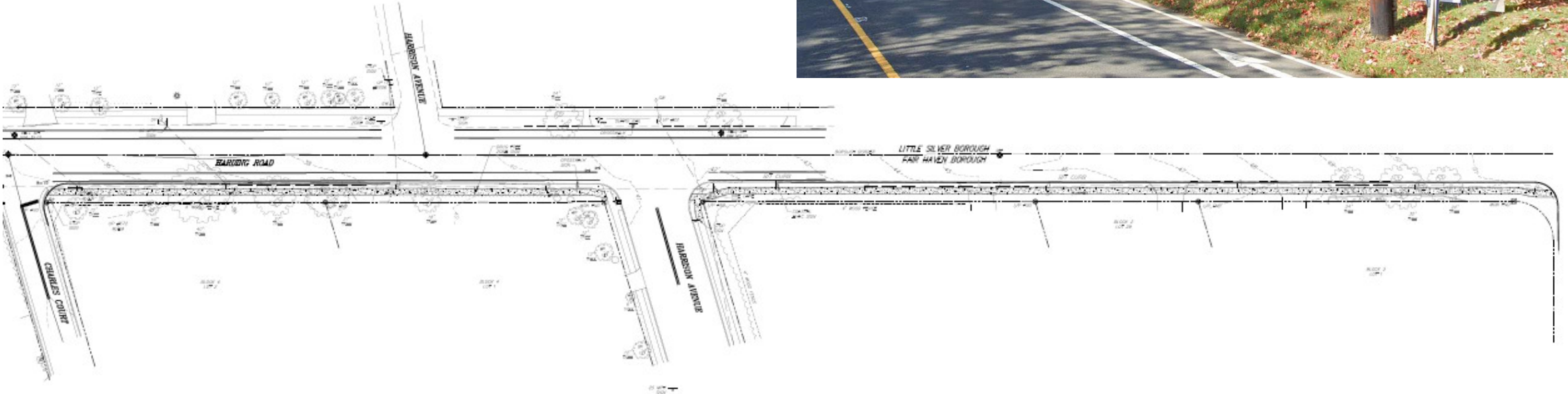
Hunting Lane



Lewis Lane



Harding Road (Co. Rt. 34)



DeNormandie Avenue



Fair Haven Road (Historic District)



Gentry Neighborhood



If and Where Directed

No.	Location	Pay Item	Quantity	Unit	Scope of Work
1	35 Clay Street	8"x18" Concrete Vertical Curb	50	LF	Remove and replace concrete curb
2	23 Kemp Avenue	8"x18" Concrete Vertical Curb	100	LF	Remove and replace concrete curb along Sycamore Avenue
		Concrete Sidewalk, Reinforced, 4" thick	5	SY	Remove existing sidewalk and install ADA ramp
		Detectable Warning Surface	1	SY	Install detectable warning surface
3	McCarter Avenue and Fair Haven Road	8"x18" Concrete Vertical Curb	50	LF	Remove and replace concrete curb at intersection for ADA ramps
		Concrete Sidewalk, Reinforced, 4" thick	15	SY	Remove existing sidewalk and install ADA ramps, both sides of intersection
		Detectable Warning Surface	2	SY	Install detectable warning surface
4	612 River Road	8"x18" Concrete Vertical Curb	40	LF	Remove and replace concrete curb along Cedar Avenue
5	83/87 Princeton Road	Hot Mix Asphalt Milling, 0"-3"	80	SY	Mill approximately 10' wide by 70' length along curbline
		HMA 9.5M64 Surface Course (2" Thick)	10	Ton	Pave milled area
6	Community Center Fields	Hot Mix Asphalt Milling, 0"-3"	475	SY	Mill existing asphalt paths and two (2) bleacher areas
		HMA 9.5M64 Surface Course (2" Thick)	60	Ton	Repave existing asphalt paths and two (2) bleacher areas
		HDPE Pipe, 6" Diameter	55	LF	Install pipe from existing inlet to 3rd base of CC Field North
		Inline Drain	2	UN	Install yard drains inline with pipe, as directed
7	Fair Haven Fields	Hot Mix Asphalt Milling, 0"-3"	170	SY	Mill out existing stone dust trail to existing DGA subbase material
		HMA 9.5M64 Surface Course (2" Thick)	20	Ton	Pave 8' wide path from parking lot to FH1 baseball field including washout adjacent to tennis court #5.
		Topsoiling, 4" thick	50	SY	Install sod along edge of pavement
		Sodding	50	SY	Install topsoil along edge of pavement
8	Gentry Development, including	Concrete Driveway, Reinforced, 6" thick	50	SY	Remove and replace existing driveway aprons, as directed
	Gentry Drive, Denise Court, James Court,	Concrete Sidewalk, Reinforced, 4" thick	240	SY	Remove and replace existing sidewalk including ADA ramps, as directed
	Danna Court, and Dartmouth Avenue	Granite Curb	150	LF	Remove and replace granite curb, as directed
		Detectable Warning Surface	8	SY	Install detectable warning surface
		Reconstruct Inlet	2	UN	Reconstruct existing inlets
9	20 Oaklawn Road	8"x18" Concrete Vertical Curb	10	LF	Remove and replace concrete curb
10	Cambridge Avenue and Princeton Road	Hot Mix Asphalt Milling, 0"-3"	70	SY	Mill approximately 14' wide by 40' length, swale through intersection
		HMA 9.5M64 Surface Course (2" Thick)	10	Ton	Pave milled area
11	Cambridge Avenue and Harvard Road	Hot Mix Asphalt Milling, 0"-3"	70	SY	Mill approximately 14' wide by 40' length, swale through intersection
		HMA 9.5M64 Surface Course (2" Thick)	10	Ton	Pave milled area
12	Oxford Avenue and Ridge Road	8"x18" Concrete Vertical Curb	70	LF	Remove and replace concrete curb at both ADA ramps
		Concrete Sidewalk, Reinforced, 4" thick	20	SY	Remove and replace existing sidewalk and ADA ramps
		Detectable Warning Surface	2	SY	Install detectable warning surface
		Hot Mix Asphalt Milling, 0"-3"	110	SY	Mill full width of Oxford Avenue, 30' back from Ridge Road including swale
		HMA 9.5M64 Surface Course (2" Thick)	15	Ton	Pave milled area
		Traffic Stripes, Thermoplastic, 4"	450	LF	24" wide stop bar with double yellow tail, continental crosswalk
		Relocate Existing Regulatory and Warning Sign	1	UN	Relocate existing stop sign to stop bar
13	Fair Haven Road (north of River Road)	Remove and Reset Brick Walkway	360	SY	Remove and reset existing bricks, install stone subbase (as needed)

If and Where Directed

14	Jackson Street and Smith Street	8"x18" Concrete Vertical Curb	25	LF	Remove and replace concrete curb to install ADA ramps
		Concrete Sidewalk, Reinforced, 4" thick	25	SY	Remove and replace existing sidewalk including ADA ramps
		Detectable Warning Surface	2	SY	Install detectable warning surface
		Hot Mix Asphalt Milling, 0"-3"	150	SY	Mill to centerline of Jackson Street
		HMA 9.5M64 Surface Course (2" Thick)	20	Ton	Pave milled area
		Traffic Stripes, Thermoplastic, 4"	450	LF	24" wide stop bar with double yellow tail, continental crosswalk
15	Hance Road and Jackson Street (SE corner)	Concrete Sidewalk, Reinforced, 4" thick	10	SY	Remove and replace existing sidewalk including ADA ramp
		Detectable Warning Surface	1	SY	Install detectable warning surface
16	Linden Drive and South Woodland Avenue	8"x18" Concrete Vertical Curb	20	LF	Remove and replace concrete curb (213 Linden Drive)
		Hot Mix Asphalt Milling, 0"-3"	600	SY	Mill from 204 Linden Drive to South Woodland Drive, full width
		HMA 9.5M64 Surface Course (2" Thick)	75	Ton	Pave milled area
		Eco-Head Curb Piece	1	UN	Remove existing curb piece and install eco-head curb piece
17	South Woodland Drive	8"x18" Concrete Vertical Curb	650	LF	Remove and replace concrete curb, west side from Linden Drive to Hillside Place
		Remove and Reset Granite Apron	5	SY	Remove and reset existing granite apron
		Remove and Reset Brick Paver Apron	5	SY	Remove and reset existing brick paver apron
		Remove and Reset Brick Paver Walkway	5	SY	Remove and reset existing brick paver walkway
		Asphalt Driveway	10	SY	Restore existing asphalt driveway
		Hot Mix Asphalt Milling, 0"-3"	1350	SY	Mill from centerline to west curbline, Linden Drive to Hillside Place
		HMA 9.5M64 Surface Course (2" Thick)	160	Ton	Pave milled area
18	South Woodland Drive	Hot Mix Asphalt Milling, 0"-3"	275	SY	Mill north curbline to centerline, from Linden Drive to Woodland Drive
		HMA 9.5M64 Surface Course (2" Thick)	35	Ton	Pave milled area
19	Woodland Drive	Hot Mix Asphalt Milling, 0"-3"	1050	SY	Mill curbline to centerline, from South Woodland Drive to Brookside Avenue
		HMA 9.5M64 Surface Course (2" Thick)	125	Ton	Pave milled area
		Eco-Head Curb Piece	2	UN	Remove existing curb piece and install eco-head curb piece
		Bicycle Safe Grate	1	UN	Remove existing grate and install bicycle safe grate
20	Woodland Drive	8"x18" Concrete Vertical Curb	200	LF	Remove and replace concrete curb, north side from South Woodland Drive to Buena Vista Avenue
		Hot Mix Asphalt Milling, 0"-3"	400	SY	Mill north curbline to centerline, from South Woodland Drive to Buena Vista Avenue
		HMA 9.5M64 Surface Course (2" Thick)	50	Ton	Pave milled area
		Tree Removal, over 12" dia. DBH	1	UN	Remove 48" dia. tree behind north curb, grind stump
21	21 Lewis Point Road	Reconstruct Inlet	2	UN	Reconstruct existing inlets
		Hot Mix Asphalt Milling, 0"-3"	25	SY	Mill area around each inlet
		HMA 9.5M64 Surface Course (2" Thick)	3	Ton	Pave milled area
22	Sunny Ridge Drive	Reconstruct Inlet	1	UN	Reconstruct existing inlet, east side at Sunny Ridge Drive and Ridge Road
		Hot Mix Asphalt Milling, 0"-3"	15	SY	Mill area around inlet
		HMA 9.5M64 Surface Course (2" Thick)	2	Ton	Pave milled area
		Eco-Head Curb Piece	2	UN	Remove existing curb piece and install eco-head curb piece
23	Pine Cove Road	8"x18" Concrete Vertical Curb	90	LF	Remove and replace concrete curb at 30, 100, 130, and 142 vacant lot on Pine Cove Road
		Hot Mix Asphalt Milling, 0"-3"	40	SY	Mill area in front of curb at 30 and 130 Pine Cove Road
		HMA 9.5M64 Surface Course (2" Thick)	5	Ton	Pave milled area
		Eco-Head Curb Piece	4	UN	Remove existing curb piece and install eco-head curb piece

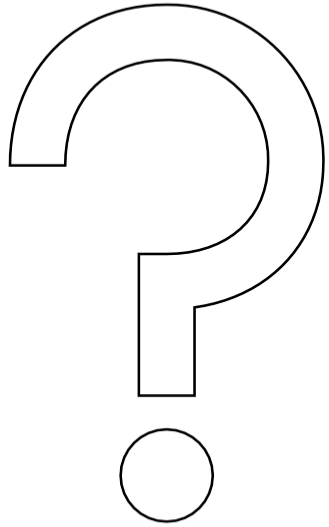
If and Where Directed

24	DeNormandie Avenue	8"x18" Concrete Vertical Curb	275	LF	Install concrete curb along park frontage
		Brick Paver Driveway	40	SY	Install brick paver driveway apron at 66 DeNormandie Avenue
		Brick Paver Walkway	125	SY	Install brick paver walkway from 62 DeNormandie Avenue and across park frontage
25	Third Street	ADA corrective action work			
26	Fisk Street	8"x18" Concrete Vertical Curb	350	LF	Remove and replace concrete curb, as directed
		Concrete Driveway, Reinforced, 6" thick	10	SY	Install driveway apron at 22 Fisk Street
		Concrete Sidewalk, Reinforced, 4" thick	50	SY	Install sidewalk in front of 22 and 26 Fisk Street including ADA ramps at Locust Avenue
		Detectable Warning Surface	3	SY	Install detectable warning surface

Project Cost

1. Park Lane - \$ 225, 000
2. Hunt ing Lane - \$ 75, 000
3. Lewi s Lane - \$ 180, 000
4. Ha r di ng Road - \$ 100, 000
- 5 Fair Ha v en Road (H i s t o r i c D i s t r i c t) - \$ 50, 000
- 6 G e t r y Neighborhood - \$ 60, 000
7. De Normardi e Avenue - \$ 40, 000
- 8 If a n d W h e r e D i r e c t e d – \$ 220 , 000

Total = \$950,000



Questions/Comments

- Governing Body Members*
- Public Participation*