

LMT Parks and Recreation

Maintenance and Operations Manual

Lower Makefield Township Parks and Recreation Department Maintenance and Operations Manual

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1.0 About

The Lower Makefield Township Parks and Recreation Department offers a robust variety of opportunities for the community. The administrative offices are located at 1550 Oxford Valley Rd Yardley Pa. This office is responsible for all programs, special events, rentals, facility permitting, pool and dog park membership, pickleball meetup, summer camp, pool management park facility feedback and reports and Parks and Recreation human resources for 130 summer hires, five full time administrative staff and five maintenance staff and future planning of all parks and facilities. The Park maintenance headquarters are located at 1100 Edgewood Rd. Yardley Pa 19067. The maintenance staff are responsible for the upkeep of all parks and facility encompassed in this manual.

Vision: Play for All

Mission:

HEALTH: Improve physical health, mental health and overall quality of life by offering safe and accessible facilities and open space.

ENVIRONMENT: Act as environmental stewards through responsible use of the natural environment and protect and maintain Parks and Recreation assets.

COMMUNITY: Create opportunities for the community to connect through a wide variety of partnerships, programs, events and classes.

2.0 Purpose

The purpose of the Maintenance and Operations Manual is to identify and develop policies, procedures, standards and frequency for all Lower Makefield Township Park & Recreation parks and facilities. The procedures and standards will be provided to all Park & Recreation crew members to inform them of expectations and to serve as a guide in the completion of all park and facility maintenance work.

3.0 Identifying Facility and Park Classification

The parks and facilities located within Lower Makefield Township have been classified based on their usage from light usage to heavy usage. The usage categories will range in color to provide a visual guide to assist the park crew in completing the repairs and maintenance required at each location.

Green: Heavy Usage Facilities		
Yellow: Heavy Usage Active Parks		
Orange: Lighter Usage Passive Parks		
Red: Minimal Maintenance Passive Parks		

4.0 Facilities

4.1 Community Park

Property Name: Township Complex/Library/Pool/Park

Tax Parcel ID: 20-034-022-002

Street Address: 1080 & 1050 EDGEWOOD RD

Acreage 25.1 Acres (Estimate)

Sales Date: 18-JUN-64

Sales Price 0
Book: 1768
Page: 1135

Estimated Market Value: \$ 6,684,560



- Community Pool with Parking
- Kids Kingdom Playground
- Pavilion at Kids Kingdom

- Bathrooms
- Stone Storage Facility
- Tennis Courts & Basketball Complex
 - o 4 lighted community tennis courts
 - o 1 lighted basketball court
- Community Softball Field (lighted)
- Nature Trail
- 260 Parking spaces
- Leagues: Home of the LMT Swim and Dive Team;
- Home of PAA

4.1.1 Community Pool Complex with parking (Seasonal)

- o Dedicated 1981
- Paved Parking, 2
 lots with 130
 spots each,
 gravel parking is
 also available.
 (11 ADA)
- Olympic Sized Community Pool),
 - Slides



- Curly Slide
- Straight slide
- diving area
 - High Dive
 - 2 Standard Diving Boards
- o Intermediate and
- o Tot sized pool
- o Lap Pool

- Snack bar
- o Dual slides
- o all pools are heated.
- o 2 shade structures
- o 1 Pavilion with seating

$4.1.2\ Building\ Number\ 1-Pool\ Office/Restrooms/Pump\ House/Mechanicals-Constructed\ in\ 1981$



4.1.3 Building Number 2 – Pool Bathrooms & Snack Bar – Constructed in 1981



4.1.4 Building Number 3 – Pool Bathrooms at Lap Pool – Constructed in 1995



4.1.5 Kids Kingdom Playground

- o Dedicated in 1992
- o Pavilion is available for Residents to reserve for parties



4.1.6 Building 1: Pavilion at Kids Kingdom



4.1.7 Building 2: Restroom at Kids Kingdom



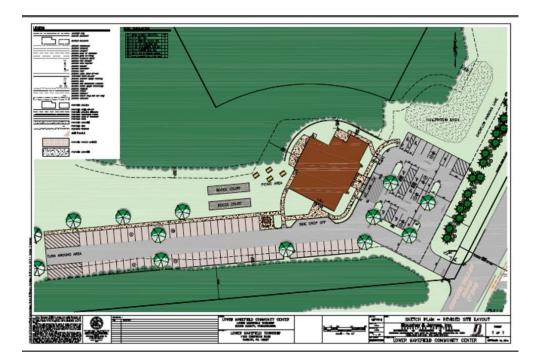
4.1.8 Building Number 3 – Stone Storage Building Adjacent to Kids Kingdom (24'x52'



4.2 Community Center

12 Acres 1550 Oxford Valley Rd



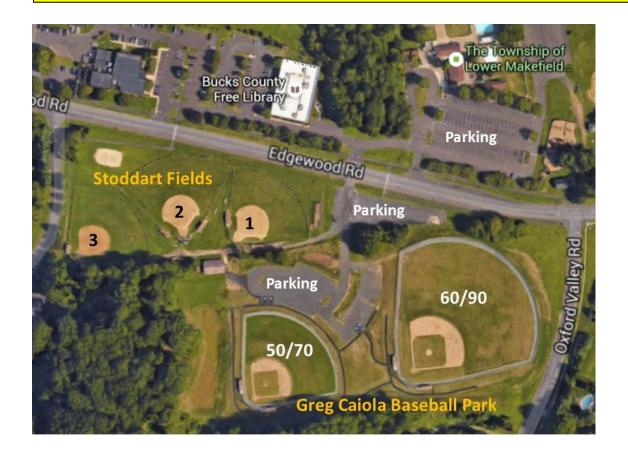


Opened January 16, 2018 - Dedicated March 12, 2018

- Large multi-purpose room
- 2 Classrooms
- Parks and Recreation Offices
- Small industrial kitchen
- 5,235 square-foot space
- Home of the Lower Makefield Township Seniors
- Home of the Newtown Quilters Guild
- Space available for scheduled programs, scheduled classes, senior programs, camps and lectures



4..3 Lower Makefield Township Athletic Complex (Seasonal March 1-November 1)



36.75 Acres 1103 Edgewood Rd

- Greg Caiola Baseball Park
- Convertible 50/70 field
- Convertible to 40/60 field
- 145 parking spaces plus additional gravel parking available
- Robert P. Stoddard Sports Complex
- 3, 60' foot fields
- Concession Stand
- 2 Sand Volleyball Courts

Leagues: Home of PAA Baseball

4.3.1 Greg Caiola Baseball Park (Part of the Samost Tract plot of land)



4.3.2 Robert Stoddart Fields



4.3.3 Building 2 – Robert Stoddart Fields Concession Stand, Restrooms, Pavilion – Edgewood Road



4.4 Fred Allan Softball Complex (Seasonal March 1-November 1)



23 Acres 1500 Oxford Valley Rd

- Dedicated in 1999
- 3 softball fields, dugouts, water on 3 fields, electric on 2 fields
- Batting Cage
- 2 All-weather Bocce Courts
- Tot play pieces
- Picnic area with concession stand
- Restroom facility and covered pavilion with a floor
- Walking trail/bike path
- Approximately 120 paved parking spots
- Underdrains installed on all three fields in 2014



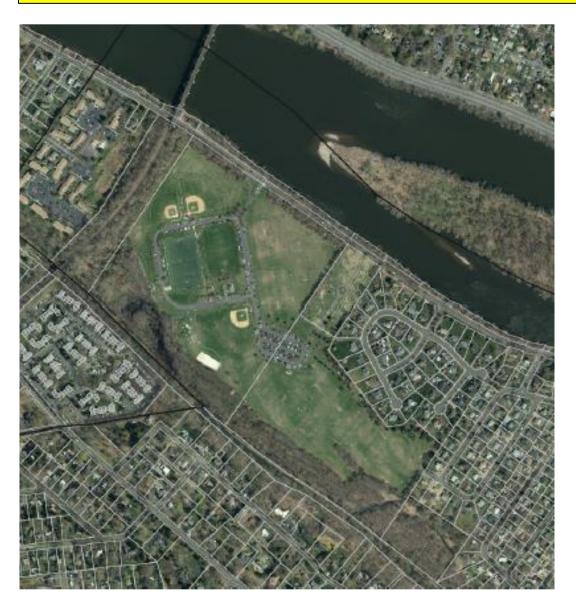
4.4.1 Building 1 – Fred Allan Softball Complex Concession Stand, Restrooms, Pavilion



4.4.2 Pavilion at Fred Allan Softball Complex



4.5 Macclesfield Park



Tax Parcel ID 20-045-001 / 20-045-003-001

Street Address 1000 RIVER RD

Acreage: 91.9

Sales Date 12-DEC-86 / 09-JUN-89

- Front 60 acres dedicated 1989, rear 30 acres dedicated in 1997
- 8 full size multi-purpose fields (6 lighted) for use as regulation soccer, football and baseball fields, including one all-weather turf field installed by YMS.
- 2, 90' lighted baseball fields
- 1, 75' lighted baseball field
- 4 sand volleyball courts
- 2 mid-sized soccer fields
- 5 mini soccer fields
- Tot lot play area
- Bike path and exercise stations
- Picnic areas and restrooms
- 2 pavilions, a concession stand, maintenance garage
- Access to the canal towpath
- Approximately 600 parking spaces, paved

- o 400 front lot
- o 200 rear lot
- Leagues: Home of the Yardley Makefield Soccer, Lower Makefield Football Association, and Pennsbury Athletic Association

4.5.1 Building 1 – Restrooms and Concession Stand





4.5.2 Pavilion at Fields C & D



4.5.3 Pavilion at Fields J & K



4.6 Memorial Park

(While we are rating this park a passive park, the Garden of Reflection requires a higher level of maintenance due to the nature of the monument)

Tax Parcel ID: 20-003-027

Street Address 1950 WOODSIDE RD

Acreage: 63.5



- 9/11 Garden of Reflection
- 2 basketball courts
- 2 sand volleyball courts
- Community Garden Plots

- Restrooms with a covered patio
- 1 skinned softball field
- Secret Garden inclusive playground with ADA parking lot
- Multipurpose field with field goals
- Gaga court
- Pavilion available to rent for LMT Residents
- 1k loop for walking
- Oak Garden with rubberized pervious surface walking path.

4.6.1 Garden of Reflection 9-11 Memorial

Official State Monument for 9-11













- A. American Flag –
- B. World Trade Center Fragments
- C. Gateway The pathway through *The Garden of Reflection* Gateway is flanked by a pair of 20 feet long stainless-steel interpretative plaques.
- D. Memorial Plaque
- E. Donor Wall
- F. Pathway
- G. Plaque 9-11 Events
- H. Wall of Remembrance -2973 Victims' Names are etched on glass panels held on a stainless-steel curved rail along Remembrance Walk.
- I. Plaque Bucks County Victims
- J. Twin Fountains

- K. Circle of Reflection Bucks County Victims' Names are etched on hand cast glass panels.
- L. Plaque After Darkness...Light –
- M. Nine Red Maples
- N. Spiral Walk
- O. 17 Maple Trees representing the Bucks County Victims
- P. 42 Small Luminaries symbolizing the 42 children from Pennsylvania who lost a parent.
- Q. 58 Red Bud Trees representing the 58 Victims from Pennsylvania lost in the attacks.

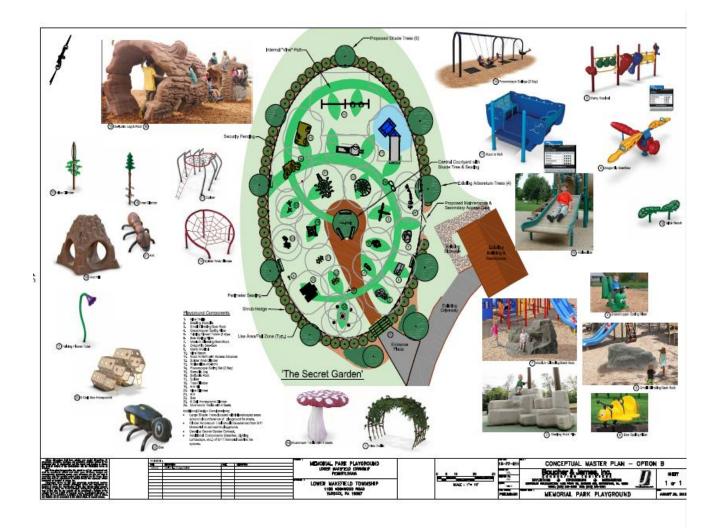
4.6.2 Building 1 – Wood Frame Restrooms and Pavilion



4.6.3 Building 2 – Stone Springhouse



4.6.3 Secret Garden Playground



4.7 Five Mile Woods Nature Preserve Office and House

Tax Parcel ID: 20-032-046-002 Street Address: 1305 Big Oak Rd.

Acreage: 298 Acres Sales Date: 17-NOV-80



- Nature center
- Ranger office
- Manor house
- 5 miles of nature trails
- Handicap accessible
- Gravel parking for 50 vehicles

4.7.1 Building 1 –Nature Center Office & Restrooms

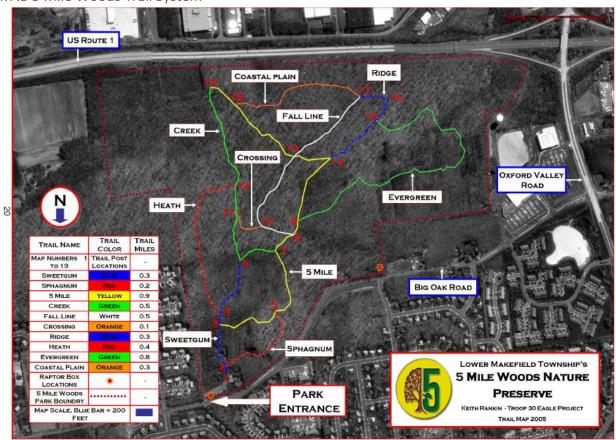


4.7.2 Building 2 – Stucco Georgian Farmhouse (Leased with renters)

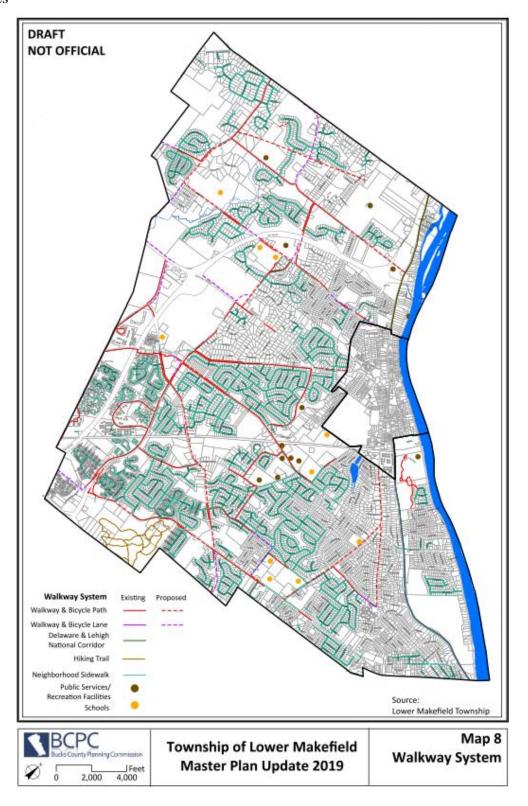




4.7.3 5 Mile Woods Trail System



25 Miles

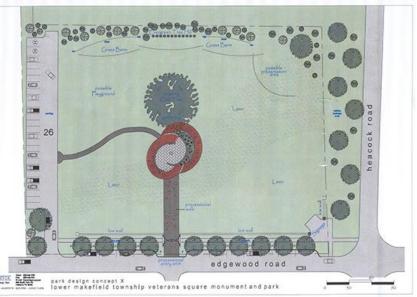


3.5 Acres 1950 Covington Rd



- Opened June 12, 2018
- Dedicated July 15, 2018
- Maintenance shed
- Real-time scan system
- Cameras
- Multi use water fountain
- 10 Benches
- 10 waste stations
- 2 large trash cans

4.10 Veterans Square





2.8 Acres 1660 Edgewood Rd

- Veterans Square Monument
- Tot lot play area
- Picnic area with benches
- Gravel Parking area for 50 cars
- Water fountain

4.11 Heacock Meadows

8.2 Acres Heacock/Bluebird/Covington

- 4.5 Acres of Heacock Meadows Pocket Parks
- Dedicated 1979
- 1 Tot lot
- Basketball Court
- Tennis Court
- 4 Pickleball courts with portable nets

Home of Lower Makefield Township Pickleball Meetup

4.11.1 Heacock Meadows Tennis Courts / Open Space



4.11.2 Heacock Meadows Basketball Court / Open Space





4.12 Peake Farm

Tax Parcel ID: 20-065-309
Street Address: TWIG LN
Acreage: 1.686 Acres
Sales Date: 20-JUN-17

• Tot lot playground



4.13 Yardley Hunt

3.1 Acres Revere/Schulyer

Revere Tennis Courts - Yardley Hunt

- Schuyler Drive: 4 dedicated tennis courts
- Revere: 3 tennis/ pickle ball courts
- Paved parking areas approximately 12 vehicles at each location

League: Home of Yardley Makefield Tennis

4.13.1 Revere Tennis Courts - Yardley Hunt



Yardley Hunt Recreation Center 2



4.14 Matrix Property

5 Acres

Purchase Date: 7/2/2020

- Walking Trail
- Benches



5.0 Required Maintenance

Lower Makefield Township Parks & Recreation crew are responsible for the maintenance and repairs of all facilities, athletic fields, bike paths and parks throughout the Township. While our union maintenance staff manage most of our maintenance, contractors are used to manage some of our more detailed work.

Contracted vendors are used seasonally at designated parks and facilities. Both the Park and Recreation crew and outside contractors work closely with the Director of Parks and Recreation.

Contractors are used for:

- Arborist services
- Diseased or dangerous tree removal
- HVAC Maintenance
- Inspections
- Maintenance of the Garden of Reflection
- Weed control
- Pest control
- Bee relocation
- Garden bed maintenance
- Large painting projects
- Waste removal
- Large bike path repair.

The Park and Recreation crew use a Maintenance Activity Schedule for each park and facility throughout the Township. The schedule provides a clear plan for the crew to organize their responsibilities on a daily, weekly, monthly, or annual basis. The Maintenance Activity Schedules for all facilities and parks can be found in Appendix of the document.

Maintenance Elements

- Turf Maintenance Mowing, trimming, fertilize, aerate turf, over seed.
- Fertilization Turf, trees, shrubs, and floral plantings.
- Hardscape Surfaces Sweeping, blowing, and power-washing of walkways, parking lots, bike paths, tennis courts, dugouts, and any other hard surfaces throughout the parks and facilities.
- Repair Maintenance required at all parks and facilities.
- Inspection Visual and physical examination of a park facility, equipment, or amenity to ensure compliance, safety, and proper operation.
- Restroom Cleaning Sweeping, sanitizing, stocking of supplies, any graffiti or vandalism must be reported to the Director of Parks and Recreation.
- Trash and recycling removal.

• Special Features – Maintenance of equipment or facilities such as flag poles, drinking fountains, goals, tennis, volleyball, basketball netting, baseball, softball, picnic tables, signage, and trash receptacles.

Quality Control

The following standards were developed to ensure maintenance issues are resolved, work orders are completed, and to determined workflow schedules.

Routine Maintenance

Evaluate site conditions and identify potential maintenance need or safety hazard which requires immediate attention. Identify excessive liter or debris, graffiti, broken or vandalized amenities which may create a safety hazard. Adjustments in the daily schedule are made based on the findings of these inspections. Perform maintenance services as needed.

Preventative Maintenance

Perform preventative measures to avoid maintenance issues that could become a hazard to park and facility users and result in unnecessary costs. These items include but are not limited to:

- Winterizing restrooms, water fountains, faucets, and irrigation systems.
- Cleaning and clearing roof, gutters, drains, and pipes.
- Promptly notify the Parks and Recreation Director of potentially hazardous conditions.

Repairs

Work orders are prepared for the maintenance crew when additional repairs and projects need to be completed. The crew must follow the Work Order Protocol (Appendix D), procedures and priorities when reacting to any requests for repairs. Problem areas identified in weekly visual inspections of facilities and grounds, monthly and annual inspections, and emergency reports will be reported to the Director of Parks and Recreation.

Litter and Trash Removal

- Remove trash, ground litter, and debris weekly or as needed.
- Empty trash receptacles when they are more than half full or if attracting bees and insects.
- Inspect specific areas such as pavilions and athletic areas for debris and remove prior to scheduled use.
- Remove and replace trash liners at parks.
- Pick up ground trash and debris in the parks while checking trash receptacles.
- Partner trash and recycling containers when possible and place in accessible locations.

Restroom Cleaning

- Restrooms are to be cleaned daily during the week. More frequent cleaning may be necessary at times based on usage.
- Restrooms must be clean, sanitary, and properly stocked with paper products.
- Inspect lighting and ventilation systems are operational.
- Inspect toilets, water faucets, stall doors, and hand dryers are operational.
- Inspect restrooms to be sure they are free of graffiti.
- Restrooms must have clean trash receptacles.
- Restroom doors and locks must be operational.
- Ensure restrooms follow the requirements of the Americans with Disabilities Act.

Graffiti Removal

- Report graffiti to the Director of Parks and Recreation and photograph for documentation
- Remove graffiti within 24 48 hours from the time it is identified.
- Clean, remove or paint over as directed by the Parks and Recreation Director

Vandalism Reports

- Secure any vandalized area that is creating a public safety hazard immediately.
- Schedule repairs as necessary.
- Document and report all vandalism to the Parks and Recreation Director.

Playground Inspection and Repair

- Complete monthly inspections using checklist provided.
- Annual inspections will be performed by Certified Playground Inspector.
- Complete work orders as needed.

Athletic Courts Inspection and Repair

- Tennis/Pickleball Courts
 - Inspect surface to ensure they are smooth, level, and well drained, with no standing water. Surfaces are free of large cracks, holes, and trip hazards. Surfaces are free of litter debris gravel and graffiti.
 - O Surfaces are painted and striped in accordance with United States Tennis Association's court specifications.
 - O Inspect nets to ensure they are free from tears and frays. Nets are properly installed and secured to support poles. Nets have center straps installed at the regulated height and are anchored to the court. Support poles have hardware intact, properly anchored, and installed.
 - O Ensure a roller and squeegee are hung/available at each court.

Inspect fencing.

Basketball Courts

- Inspect surface to ensure smooth level and well drained with no standing water.
 Surfaces are free of large cracks holes and trip hazards. Surfaces are free of litter debris gravel and graffiti.
- O Inspect backboards to ensure they are level with hardware intact. Support poles are secured in the ground and straight. Nets are fully intact, not ripped or missing.

Ballfields

- The top 2 inches of the field is to be mixed with Turface, every field, every year.
- O Inspect fencing.

Sand Volleyball Courts

- O Inspect nets to ensure they are free from holes and are not torn or tattered. Nets are hung tightly at the specified heights. Nets are securely attached to the support poles. Support poles have hardware intact, properly anchored, and installed.
- O Inspect surface to ensure it is loose sand. The surface is smooth with good drainage and no standing water. Surface is free of weeds, grass, litter, and debris.

• Lights

- Inspect electrical systems and components are operational and in compliance with appropriate building codes.
- O Inspect timers to ensure they are properly set for specific hours of operation.
- O Inspect electrical conducting wires ensuring that none are exposed.
- O Inspect ballast boxes and components are properly installed and secured.

Fencing

- Inspect fencing material to ensure the galvanized chain link is the appropriate-gauge wire for specified use.
- Fencing material is properly secured to support rails.
- O Support rails are properly connected and straight.
- Fencing is free of holes, protrusions, and catch points.
- O Gates and latches are operational.
- Remove encroaching plants.

Bike Path and Walkways

- Inspect bike paths and walkways for safety and cleanliness, report areas of concern.
- Remove trash as needed.
- Blow debris off weekly.
- Prune low-hanging limbs to eliminate hazards.
- Remove fallen limbs and debris, immediately after being notified.

- Remove snow and ice as needed.
- Annually brush and vacuum porous pavement.

Garden of Reflection Porous Pave Pathway

• The Porous Pave pathway has specific maintenance directions which can be found in appendix E.

Pavilions

- Remove debris as needed.
- Empty trash cans as needed.
- Inspect for safety hazards, graffiti, and vandalism.

Tree Removal and Pruning

- Any tree or tree branch that requires more extensive pruning will be reported to the Director so the work can be scheduled with the tree maintenance contractor.
- Residents often request to have trees removed from their property surrounding park areas. Their requests must meet the following criteria for removal:
 - 1. Tree is located on Township property.
 - 2. The tree causes a safety hazard.
 - 3. An arborist determines is the tree is diseased.

Parking Lot Maintenance

- Check parking lots to ensure cleanliness and safety.
- Remove litter and debris.
- Check trash cans and empty as needed.

Community Center

- Keep HVAC fan ON during Spring, Summer, and early Fall.
- Keep thermostat set at 72 during the Summer.
- Filters are to be changed monthly.
- Patio umbrellas are to be set out for Memorial Day and removed on Labor Day

Dog Park

- Remove litter, animal waste and trash daily.
- Inspect are for tripping hazards.
- Replenish waste bags as needed.
- Maintain area between fence and train track.

• Remove any encroaching plants at fence line.

Pool

- The Pool requires constant maintenance throughout the Spring and Summer months.
- Pre- and post-season work is performed by the Parks & Recreation staff as well as hired contractors.

Report problems and issues as they arise.

6.0 Maintenance Schedule

The Maintenance Schedule varies due to rain, dew, usage, and special events. Each Park requires a certain amount of attention. The most regularly scheduled maintenance is mowing, trach collection, litter removal, bathroom clean up, weed whacking.

- Mowing Takes Place from Spring to Fall
- All outdoor bathrooms open by March 15 and Close by November 1
- Garden of Reflection fountain must be turned on when bathrooms are opened, this requires a 5-gallon container of chlorine.
- Trash removal continues throughout the year.
- Waste bins are reduced from November 1-March 15.
- Fall leaf and branch clean up trail maintenance
- Winter plowing as needed and special projects

(Please see the Appendix B to view schedules per park classification.)

7.0 Fleet Management

The Park and Recreation Department owns a small fleet of equipment. Equipment is maintained by the Public Works Department Mechanics; the Parks and Recreation Maintenance staff manage small engine repair. the Public Works Department has a more expansive fleet for the Parks and Recreation Staff to utilize, if necessary, we will rent necessary equipment for one-time use.

The Park and Recreation Department Equipment:

Item	Model	Purchase	Purchase	Storage Location
		Price	Date	
GMC 3500	GMC	\$36,495.00	4/30/15	Bob- Shop
PICK UP 600				
2500 Silverado 601	GMC	\$88,436.00	12/27/19	Vic - Shop
F450 DUMP	FORD	\$41,396.00	7/29/05	Rob - Shop
TRUCK 602				
GMC Sierra 2500	GMC	\$42,150.00	8/1/11	Dan - Shop
Pick UP 604				
Crown Victoria	FORD	\$25,217.84	6/5/08	Karl - Shop

4710	John Deere	\$35,465.95	02/02/04	Pole Barn/Shop
Backhoe/Loader				
Large Area Wing	Jacobsen	\$46,000	6/30/10	Macclesfield Park
Mower				
1600 Turbo	John Deere	35,782.56	03/20/03	Garden of Reflection
Commercial Wing				
Mower				
ATZ 31 KAW 60	Hustler	\$11,700	6/24/10	Shop
Deck Mower				
2950M ZTRA	John Deere	\$8,857.04	4/26/18	Shop
Mower				
2950M ZTRA	John Deere	\$8,857.04	4/26/18	Macclesfield Park
Mower				
1600 Turbo Large	John Deere	\$52,878.52	4/26/18	Memorial Park
Wing Mower				
Infield mower with	John Deere	\$5,973.21	2/19/19	Fred Allen
drag attachment				
640 V-Blade	Avant	\$80,021.19	1/19/16	Barn at Community Park
Snowplow 48"				
Golf Cart	Club Car	\$2,000.00	9/1/16	Shop
Golf Cart	Club Car	\$2,000.00	9/1/16	Memorial Park
Golf Cart	Jacobson	\$2,000.00	9/1/16	Memorial Park
	Cart			

8.0 Resident Feedback/Customer Service

Lower Makefield Township Parks and Recreation welcomes resident feedback. Residents can simply complete an online form located on our webpage

https://www.lmt.org/government/departments/parks-recreation/. All messages are sent directly to the Director of Parks and Recreation.

Parks & Recreation Community Feedback Name Address Phone Email Your Message

Appendix A Facility Maintenance Check Sheet

Maintenance - Community Center Weekly Checklist

Date:					
Bathrooms	M	Т	W	TH	FRI
Check Toilet Paper Levels					
Check Paper Towel Levels					
Empty Bins in Stalls					
Empty Trash					
Clean Exterior/Interior of Urinals					
Clean Exterior/Interior of Toilet					
Clean Mirrors					
Wipe Countertops					
Wipe Inside of Sink					
Wipe Door Handles/Light Switch					
Wipe Stall Doors/Locks					
Wipe Inside & Outside of Baby Station					
Wipe Handrails Inside Stalls					
Sweep Floor					
Mop Floor					
Check for Stains, Smudges, Smears					
Lobby	M	T	W	ТН	FRI
Wipe Windows/Doors					
Unlock One Main Door					
Open Interior Doors					
Dust TV					
Turn on Light					
Dust Coffee Tables & Blue Table					
Ensure Flyers/Paper in Proper Spot					
Wipe Down Pillar Areas					
Make Sure Couch is in Correct Spot					

Vacuum/Sweep Rugs & Floors					
Check for Stains, Smudges, Smears					
Offices	M	T	W	ТН	FRI
Dust Desks/Tables					
Dust Electronics					
Empty Trash & Recycling					
Vacuum Rugs					
Turn on Light					
Clean Windows/Sills					
Empty Dehumidifier					
Check for Stains, Smudges, Smears					
Classroom 2	M	T	W	ТН	FRI
Wipe Down Countertops & Sinks					
Empty Trash					
Wipe Down Cabinets if Needed					
Clean Windows					
Sweep & Mop Floors					
Remove Extra Tables & Chairs					
Check for Stains, Smudges, Smears					
The Great Room	M	T	W	TH	FRI
Dust off Walls					
Dust & Wipe Down Glass Cabinets					
Sweep & Mop Floors					
Clean Windows					
Disinfect Kitchen Countertops					
Empty Trash & Recycling					
Disinfect Doors & Handles					
Check for Stains, Smudges, Smears					
Senior Room	M	Т	W	ТН	FRI
Wipe Down Countertops & Sinks					
Empty Trash & Recycling					

Sweep & Mop Floors					
Clean Windows					
Remove Extra Tables & Chairs					
Check for Stains, Smudges, Smears					
Hallways/Side Door	M	Т	W	ТН	FRI
Remove Trash & Debris					
Clean Windows					
Sweep & Mop Floors					
Straighten Rugs					
Ensure No Doors are Blocking Hallway					
Check for Stains, Smudges, Smears					
General	M	T	W	ТН	FRI
Keep Chemicals Away & Out of Sight					
Keep Chemicals Away & Out of Sight Keep Doors Closed When Not in Use					
	<u> </u>	 	<u> </u>		
Keep Doors Closed When Not in Use					
Keep Doors Closed When Not in Use Keep Supplies Out of Users' Way					
Keep Doors Closed When Not in Use Keep Supplies Out of Users' Way Put Unused Furniture Away					
Keep Doors Closed When Not in Use Keep Supplies Out of Users' Way Put Unused Furniture Away Wipe Down Plastic Chairs					
Keep Doors Closed When Not in Use Keep Supplies Out of Users' Way Put Unused Furniture Away Wipe Down Plastic Chairs Use Cleaning Solution on Padded Chairs					
Keep Doors Closed When Not in Use Keep Supplies Out of Users' Way Put Unused Furniture Away Wipe Down Plastic Chairs Use Cleaning Solution on Padded Chairs Wipe Down Tables at Set-Up					
Keep Doors Closed When Not in Use Keep Supplies Out of Users' Way Put Unused Furniture Away Wipe Down Plastic Chairs Use Cleaning Solution on Padded Chairs Wipe Down Tables at Set-Up Keep Storage Closets Organized					
Keep Doors Closed When Not in Use Keep Supplies Out of Users' Way Put Unused Furniture Away Wipe Down Plastic Chairs Use Cleaning Solution on Padded Chairs Wipe Down Tables at Set-Up Keep Storage Closets Organized Take Note of Unsafe Equipment					

Appendix B

	Mainten	ance - Heavy Usage	Facilities	WAKEFIELD TOL
		Weekly Checklist		SHER MAKEFIELD TOMBUS
Location:				
Date:				Parks & Recreation
Name:				
	_		Date(s)	
Maintenance	Frequency	When	Completed	Comments
Empty Garbage Cans	Weekly	Every Monday		
Clean Bathrooms	Weekly	April - October		
			Date(s)	
Turf Maintenance	Frequency	Month (s)	Completed	Comments
Mowing	Weekly	April - October		
Trimming	Weekly	April - October		
Notes:				
			-	

Maintenance - Courts Checklist Location: Parks & Recreation Date: Name: Date(s) Maintenance Frequency Completed Comments Empty Garbage/Recyling Cans Weekly Remove Leaves and Debris inside courts and surrounding areas Weekly Ensure Roller & Squeegee are available at each tennis/pickleball Weekly court Weed Whack around courts Weekly Inspect Fencing Weekly Ensure gate latch is functional Weekly Inspect/Tighten nets as needed Weekly Inspect benches for safety Weekly Remove Graffiti Weekly Inspect Court for damage, safety Weekly Notes:

	SHE WASTELLO TOWN			
		Monthly Checkli	st	\$ 0 A A
Location:				
Date:				Parks & Recreation
Name:				
			D(-)	
Maintenance	Frequency	Month (s)	Date(s) Completed	Comments
Ground Liter	As Needed	January - December		
Vandalism	As Needed	January - December		
			Date(s)	
Grounds Maintenance	Frequency	Month (s)	Completed	Comments
Playground Inspection	Monthly			
Turf Maintenance	Francisco	Month (s)	Date(s) Completed	Comments
Over Seed	Frequency Monthly	April - June	Completed	Comments
Over seed	retoriting	September		
		оертеппрет		
Ground Cover & Shrub			Date(s)	
Maintenance	Frequency		Completed	Comments
Pruning / Dead Heading	As Needed	April - September		
			Date(s)	
Tree Maintenance	Frequency	Month (s)	Completed	Comments
Pruning	As Needed	January - December		
Monitor & Inspect	Monthly	January - December		
Notes:				

		Maintenance	- Heavy Usage Facilities	State Margaretto Townson
		Annual / B	li-Annual Check List	
Location:				
Date:			_	Parks & Recreation
Name:			_	
Maintenance	Frequency	Month (s)	Date(s) Completed	Comments
HVAC Serviced	Bi-Annual	January		
		July		
Pressure Washing	Annually	Spring		
_				
Paint Bathrooms	Annually	Spring		
Grounds Maintenance	Frequency	Month (s)	Date(s) Completed	Comments
Herbicide Application	Annually	April or May		
Playground Audit/Inspection	Annually	Pending Cert		
				_
	Frequency		Date(s) Completed	Comments
Fertilize	Annually	May		
Over Seed	Bi-Annually	Spring/Fall		
Access Tool	A II .			
Aerate Turf	Annually	May		
₩ater Lines	Frequency	Month (s)	Date(s) Completed	Comments
Turn System On/Off	Bi-Annually	April	Date(s) completed	Commence
rum ogstem om on	Diramodily	October		
		27.3041		
Blow Lines	Annually	October		
Backflow Test	Annually	May		
		-		

Maintenance - Heavy Usage Active Parks Weekly Checklist Location: Parks & Recreation Date: Name: Date(s) Maintenance When Completed Frequency Comments **Empty Garbage Cans** Weekly Every Monday Clean Bathrooms Weekly April - October Date(s) **Turf Maintenance** Frequency Month (s) Completed Comments Mowing Weekly April - October Trimming Weekly April - October Date(s) Inspection Month (s) Completed Comments Frequency Inspect for safety hazards Weekly April - October nspect trees for damage, decay Notes:

Maintenance - Heavy Usage Active Parks Monthly Checklist Location: Date: Name: Date(s) Maintenance Frequency Month (s) Completed Comments Ground Liter As Needed January - December Vandalism/Graffiti January - December As Needed Date(s) Month (s) Completed Grounds Maintenance Frequency Comments Monthly Playground Inspection January - December **Ground Cover & Shrub** Date(s) Maintenance Frequency Month (s) Completed Comments Pruning / Dead Heading As Needed April - September Date(s) Tree Maintenance Frequency Month (s) Completed Comments Pruning As Needed January - December Monitor & Inspect January - December Monthly Notes:

Maintenance - Heavy Usage Parks Annual / Bi-Annual Check List Location: _ Date: Name: Date(s) Completed Comments Maintenance Frequency Month (s) Paint Bathrooms Annually Spring Grounds MaintenanceFrequency Month (s) Date(s) Completed Comments Herbicide Application Annually Spring Playground Audit/Inspection Annually Pending Cert Turf Maintenance Frequency Month (s) Date(s) Completed Comments Fertilize Annually May Aerate Turf Annually May Grind Fields Annually Spring Date(s) Completed **Water Lines** Frequency Month (s) Comments Turn System On/Off Bi-Annually April November Blow Lines Annually November Backflow Test Annually July Notes:

Maintenance - Lighter Usage Passive Parks **Weekly Checklist** Location: Parks & Recreation Date: _ Name: Date(s) Maintenance Frequency When Completed Comments **Empty Garbage Cans** Weekly **Every Monday** Clean Bathrooms Weekly April - October Date(s) **Turf Maintenance** Frequency Month (s) Completed Comments Mowing Weekly April - October Trimming Weekly April - October Notes:

Maintenance - Lighter Usage Passive Parks **Monthly Checklist** Location: Date: Name: Date(s) Maintenance Completed Frequency Month (s) Comments Ground Liter As Needed January - December Vandalism/Graffiti As Needed January - December Date(s) Grounds Maintenance Frequency Month (s) Completed Comments Playground Inspection Monthly January - December Ground Cover & Shrub Date(s) Maintenance Month (s) Completed Comments Frequency Pruning / Dead Heading As Needed April - September Date(s) Tree Maintenance Frequency Month (s) Completed Comments As Needed January - December Pruning Monitor & Inspect Monthly January - December Date(s) Bike Path Frequency Month (s) Completed Comments January - December Patching As Needed

Maintenance - Lighter Usage Passive Parks Annual / Bi-Annual Check List Location: Date: Name: Frequency Month (s) Date(s) Completed Comments Maintenance Paint Bathrooms Annually Spring Grounds MaintenanceFrequency Month (s) Date(s) Completed Comments Herbicide Application Annually Spring Playground Audit/Inspection Annually Pending Cert Date(s) Completed Turf Maintenance Frequency Month (s) Comments Fertilize Annually May Aerate Turf Annually May Over Seed Annually May Water Lines Frequency Month (s) Date(s) Completed Comments Turn System On/Off Bi-Annually April November Blow Lines Annually November Backflow Test Annually July Bike Path Frequency Month (s) Date(s) Completed Comments Brush/Vacuum Annually Spring or Fall

Maintenance - Minimal Passive Parks Complete Check List Location: _ Date: Name: Maintenance Frequency Date(s) Completed Comments ₩hen Empty Garbage Cans Weekly Year Round Remove Ground Liter/Debris As Needed Year Round Vandalism/Graffiti As Needed Year Round Grounds Maintenance Frequency ₩hen Date(s) Completed Comments Playground Inspection Year Round Monthly Playground Audit/Inspection Annually Pending Cert **Turf Maintenance** Frequency ₩hen Date(s) Completed Comments April - October Mowing Weekly Trimming Bi-Weekly April - October Tree Maintenance Date(s) Completed Comments Frequency Month (s) Pruning As Needed Year Round Monitor and Inspect As Needed Year Round Notes:

Maintenance - Courts Checklist Location: Date: Name: ____ Date(s) Maintenance Completed Comments Frequency Empty Garbage/Recyling Cans Weekly Remove Leaves and Debris inside courts and surrounding areas Weekly Ensure Roller & Squeegee are available at each tennis/pickleball court Weekly Weed Whack around courts Weekly Inspect Fencing Weekly Ensure gate latch is functional Weekly Inspect/Tighten nets as needed Weekly Weekly Inspect benches for safety Remove Graffiti Weekly Inspect Court for damage, safety Weekly Notes:

Appendix C Calendar Year Inspections and Maintenance

Month	To Do Hom		Updated 6/30/22
Month	To Do Item	Exp. Date/Info.	Notes
January	Order Furnishings		nothing ordered 2022
	Update Certificate of Insurance	1/1/2023	Emailed to DVIT 1/13/22
	Slide Registration Issued	2022	Complete
	Analytical Labs Chlorine Storage Tank		In Progress
	Registration/Permit Renewal	2/4/2023	Complete
	Bid Any Items for the upcoming season		Complete
	Spotlight Advertisement	February Issue	Complete
	Inspection of Light Post Bases	Inspected 1/15/2020	
	Work on advertisements/Flyers		Complete
February	Application to Operate a Public Bathing Place	4/30/2023	Complete
	Boiler Certification	334321B Exp. 4/27/23	Inspection done 1/22/19
		334322B Exp. 1/22/2021	Inspection done 1/22/19
		299060B Exp. 10/26/2022	
		299069B Exp. 10/26/2022	
		351985B Exp. 4/27/23	Inspection done 1/22/19
		351986B Exp. 1/22/2021	Inspection done 1/22/19
		330994B 3/22/2017	Do we still use?
	Electrical Inspection	good 3 years from 2/11/20	Complete, confirmed 2/17/21
	Pipes by surge tank being repaired		In progress
March	Stenner Pumps repaired, etc.		Completed
	Blowing the lines		
	Concrete patching		
	Petty Cash Request		
	Trash Removal		
	Acid & Power Washing		Started 5/1/22
	Pool Painting		
	Dry time 2 weeks		
	White 10 Days		
	Black Lines 2 weeks		
	Blue Targets		
	Facility Painting		Will start week of 5/9, Touch up and under slide Spring Clean-up, mulching, trim shrubs,
	Schedule grounds maintenance	Quote Approved 2/16/22	weed beds
	1	I	l

Additional	Replace Condensing unit in Snack bar		
Items	Fridge		Approved Quote 2/25/22
For 2022	Order 3 new Controllers		Order Received
	Awnings for Pavilion Replace Sinks in Front & Rear Ladies	Installed by Bob May, 2022	replace all 3 in 2022
	Bathroom	Completed April 2022	Completed April 2022
	Replace Lap pool grates		Ordered Feb
	Replace old light fixtures in bathrooms	touched up in 2021	
	Replace Screens and frames at snack bar		20-22 Weeks
Completed			
Task	Drain Valve Replaced	completed 2020	
List	Baby Pool Filter	Completed Jan. 2021	
	Slide Pump	Completed 2021	
	Awnings	Snack Bar -Installed 1/11/21	
	No Diving Tiles Install	completed 2021	
	Anti-skid tape at top of slides	completed 2020	
	Replace all outlets w/ GFI, install covers	completed 2020	
	Refurbish starting blocks		
	Shower Tower Replacement	Completed 3/2021	
	High Dive Repairs or Replacement	High Dive Stand Welded 2021	
	Parking Lot Lights	completed 2021	
	Garbage Cans - for bathroom	Order heavy duty Vinyl Cans	
	Paint Lamp Posts	Completed 2021	
April	Department of Health Food License Renewal		Mailed 4/14/22
Аріп	Slide resurfacing/repairs	While pool is empty	
	Summerization	While pool is empty	Scheduled for 5/11/22
	Install New CO2 Tank	completed 2021	
	Install New CO2 Talls	Completed 2021	Ordered week of April
	Order Chemicals CO2		25th
	Order Reagents	Complete	Ordered 4/29
	Chlorine - Set up auto delivery after opening, order initial supply		15% strength chlorine
	Inspection of Diving Boards and 1M		April 29th at 3:30
	stands	Complete	No water needed
Concession:	Air Vent Cleaning	Last Completed 5/5/21	called 5/9
	Ansel System		
		Complete	
	Banner goes up 3rd week	Approved new banner 4/5/21	Called Fast Signs 5/2/22
	Order Uniforms	completed	Order placed 4/26
	Order T-shirts	complete	Order placed 4/26
	Order Test Kits	Complete	Order placed 4/29
	Order First Aid Supplies to be refilled	Complete	Out week of May 9
	Order any additional safety equipment		·

August	Banner Comes Down end of month Slide Inspection		
July	Slide Inspection		
	Check Security System	Complete 2022	system after Township checks it.
	Slide Inspection	completed 6/25/22	Inspects Fire Alarm
June	PA Dept. of Health Inspection	Complete 2022	
	Fridge/Freezer Check	Repaired May 2022	
Concession:	Food Facility License	9/1/2020	
	Fire Extinguishers Checked	completed 2022	
	Chlorine Order Set-up Heater guy comes	completed 2022	delivery Need Water in Pool to test
Pool:	1st week fill pool	Call to schedule	Olympic Pool - 1 week to fill After Memorial Day, chemicals on auto
	Bathroom Cleaning Scheduled	In progress	Mon & Thurs
	Inspection of slides	Completed 5/25/22	wet inspection Bi-Weekly cleaning service all 6 bathrooms,
	Inspect 3M diving stand		
	Landscaping	In progress	Cleaning, May trimming,
	Order CO2	Complete	Plan: April Spring
	Order Chlorine	Complete	
	Back Flow Preventor Testing		
	Ansel Systems (hood)	completed 5/9/22	
	Fire Safety Inspection/Extinguishers 18	completed 5/9/22	for all extinguishers PR
	Slide Inspection Order special event supplies	Completed 5/24/22	Dry Inspection First In Progress
May	Everything Ready by May 11th		
	Print Pool Rules	Complete	
Admin:	Order Guest, Volunteer and League Day Passes	Complete	
	Advertise in paper		
	Heater Inspection		, ,
	Order Supplies: Office, Bathroom, First Aid	Complete	Ordered May 3, 2022

September	Pool Closes Labor Day - Everything put away		
October	Winterization - Remove Chlorinators	completed 2021	
November	Final Winterization by end of the month		
December	Get Cert of Insurance PA Amusement Rides and Attractions Registration PA Pesticide Application Business License	1/1/2023 Complete 2022	Complete
	Renewal	Complete 12/31/2022	Complete

Appendix D Maintenance Work Order Protocol

MAINTENANCE WORK ORDER PROTOCOL

Point of Contact:

Contact:

Lynn Todd, Operations Manager

Phone:

267-274-1103

Email:

Ltodd@lmt.org

Address:

1550 Oxford Valley Rd.

Yardley PA 19067

- When there is a problem within the parks a work order protocol is activated.
- The Operations Manager completes a through written work order including the date, location, and a description of the work to be completed.
- If an issue is an emergency or needs to be resolved within 24 hours, the Operations Manager will call the Crew Lead member directly.
- In the event of an Emergency the Operations Manager will follow up with crew lead for a completed form the following day.
- If the issue is not time sensitive, one copy of the work order will be placed in the designated bin located in the Community Center (1550 Oxford Valley Rd.).
- · The Other Copy will be kept with the Operations Manager.
- · The Maintenance Crew Lead is responsible for checking the bin each morning.
- The Maintenance crew lead will evaluate the work orders and assign them to the appropriate crew member based on special skill or location.
- Once the work order is complete the responsible crew member will indicate the job has been done by writing "Completed On this date" on the work order and return it to the Operations Manager.

(It is the Operations Managers responsibility to follow up with work orders to ensure they are completed within a timely manner)

The Operations Manager will then log the work order on an excel file.

Approved

Date

Appendix E Porous Pave Maintenance



Maintenance

Porous Pave is a unique material when compared to traditional surfacing materials such as Porous Concrete and Porous Asphalt. Since Porous Pave is made from recycled rubber granules and aggregate it remains flexible in nature unlike the previously mentioned products which have a "fixed void" once they are cured. A "fixed void" is one that is hardened allowing pockets where sediment can become trapped and difficult to clean. Porous Pave, because it is flexible, moves when walked on or driven on. This movement helps to work the fine particles thru the material and into the substrate.

Porous Pave also has a much large void space than other similar materials. Porous Pave has a typical void space of 29% allowing fines to pass through or to be vacuumed out quite easy.

Recommended Cleaning

In the event that Porous Pave material becomes clogged with silt or sand one of two methods may be employed:

- Large amounts of water can be applied at low pressure to wash the fines thru the Porous Pave into the sub base material.
- A common shop vac can be used for smaller areas up to a street sweeper for large areas to extract the fines.

Testing has shown that the vacuum method can remove not only the sediment in the Porous Pave but actually can remove fines from the sub base as well. Since repeated washing of sediment into the sub base can cause it to become plugged over time, it is recommended that method #2 is used consistently or at least periodically in conjunction with method #1 to prevent build up in the sub base.

Other common maintenance ideas include regularly blowing leaves, sticks, grass clippings and other debris from the surface of the Porous Pave. This will help prevent breakdown of this debris preventing it from becoming trapped within the Porous Pavement. This is most commonly done by traditional leaf blower type equipment.

Porous Pave that is installed adjacent to gravel drives or areas where stones will likely be carried onto the surface of the Porous Pave should have regular cleaning. This will prevent buildup of the aggregate which could cause excessive and premature wear on the surface of the Porous Pave from vehicle tires if not removed.

Regular inspection and maintenance of the Porous Pave installations will help in prolonging both the porosity and the longevity of the installation.

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SURFACE MAINTENANCE





WHY?

Over time in heavily used areas, the surface of any porous pavement can show signs of wear. Proper maintenance will certainly prolong the life of Porous Pave. Applying a top coat of binder will restore the surface to "like new" condition.

WHEN

There is no set date from time of install to required overspray time. Overspraying should be done as needed. Some jobs can last six years before required maintenance and other areas such as parking lots, playgrounds or other high wear areas may need yearly or bi-yearly maintenance. The installer should inform the client what signs to be looking for so the area does not get worn beyond the point of repair.

PREPPING THE SURFACE

- Be sure to blow/sweep the surface of the Porous Pave prior to applying the binder.
- Make sure all leaves, sticks, stones and other surface debris are removed before application.
- Vacuuming the surface with a shop vac, lawn vac or street sweeper may be necessary if dirt, sediment or leaves remain after blowing/sweeping has been completed.

COLORANT

In some cases the client may want to restore the original color when doing the overspray. This can be done by mixing Porous Pave colorant in with the thinned binder.

- All eight colors are offered, all colors will darken similar to original install
- One gallon of colorant is to be mixed per five gallons of binder and one gallon of thinner
- Oversprays with colorant will cover up the "dark spots" from the stone pieces. This will cause the entire surface to be a consistent color





CAUTION

When applying binder with a sprayer it is imperative that all skin be covered and a mask is worn. The binder is very sticky and a small amount of airborne mist will be created from the sprayer. Protect surounding surfaces from overspray and accidental coating. Plants, bricks, cement, wood etc. must be covered.

ALWAYS follow all safety precautions found in the binder MSDS sheet at www.porouspaveinc.com

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2018

SPRAYER APPLICATION





Tools

Applying a binder overspray does not require many tools and is quite a simple process.

- Airless sprayer: We suggest an airless sprayer with a
 "suction hose" this hose will lay in the bucket or tote that
 contains the thinned binder. Some sprayers have a fixed
 hose that could make it hard to spray the binder from an
 oversized bucket or tote.
- Nozzle size: Using the largest tip available will be the most effective way to complete the surface overspray.
- Materials plus two extra pails of BT128 for cleaning the sprayer upon completion
- · Tote or large mixing bucket

THINNING THE BINDER

Application of straight binder without thinner will be too thick and will not filter through the product, this will cause the surface to become plugged and result in a foamy, impermeable surface.

- Mix one gallon of Porous Pave Binder Thinner (BT128) into one five gallon pail of binder. Stir consistently until thinner mixes with the binder. If colorant is needed add that in the same mix at this time.
- Initially the BT128 will sit on top of the thicker binder, however after approximately 30-40 seconds of mixing the thinner will mix into the binder creating a thinner, easier to apply material.
- One gallon of BT128 mixed with five gallons of binder will cover 550-600 square feet when installing with a sprayer
- The binder must be thinned with BT128 prior to applying!







CAUTION

When applying binder with a sprayer it is imperative that all skin be covered and a mask is worn. The binder is very sticky and a small amount of airborne mist will be created from the sprayer.

Protect surrounding surfaces from overspray and accidental coating. Plants, bricks, cement, wood etc. must be protected.

ALWAYS follow all safety precautions found in the binder MSDS sheet at www.porouspaveinc.com

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9/16

SPRAYER APPLICATION





SPRAYING METHOD

The most efficient way to complete the overspray as quickly and consistently as possible will be to purchase a 10-15 gallon tote as your "spray tray". The first mix will need to be mixed in the tote.

- Once the first mix is in the tote the empty pail can be used as a mixing bucket. Pour 2.5 gallons of binder with a
 half gallon of BT128 (if necessary add a half gallon of colorant) then mix the product in that bucket.
- Once mixed then carefully pour the thinned binder into the tote. Continuously repeat this process so that the sprayer can spray the mixed binder from the tote and there will be no need to stop.
- If done correctly this will eliminate the need to stop spraying when the sprayer stops or moves the hose will likely develop air bubbles in the hose line. Mixing and spraying using this method will result in the most consistent, quick and even overspray.

DISTRIBUTING AN EVEN APPLICATION

An even spray is required to ensure the entire surface is coated with the proper amount of binder to provide the best performance.

Place a marker every 600 square feet and be sure to evenly spread the thinned binder throughout the area

CLEANING THE SPRAYER

When finished for the day or upon completion of the install, it is essential the proper cleanup steps are taken to ensure the sprayer will not be ruined.

- · Once finished run one gallon of BT128 through the sprayer two-three times.
- Take a fresh batch of BT128 and rinse the sprayer one final time.





CAUTION

When applying binder with a sprayer it is imperative that all skin be covered and a mask is worn. The binder is very sticky and a small amount of airborne mist will be created from the sprayer.

Protect surrounding surfaces from overspray and accidental coating. Plants, bricks, cement, wood etc. must be protected.

ALWAYS follow all safety precautions found in the binder MSDS sheet at www.porouspaveinc.com

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ROLLER APPLICATION





THINNING THE BINDER

Application of straight binder without thinner will be too thick and will not filter through the product; this will cause the surface to become plugged and result in a foamy, impermeable surface.

- Mix one gallon of Porous Pave Binder Thinner into one five gallon pail of binder. Stir consistently until thinner mixes with the binder. If colorant is needed add that in the same mix at this time.
- Initially the Porous Pave Binder Thinner will sit on top of the thicker binder, however after approximately 30 seconds of mixing the thinner will mix into the binder creating a thinner, easier to apply material.
- One gallon of Porous Pave Binder Thinner mixed with five gallons of binder will cover approximately 300 square feet when
- Once Porous Pave B5HN binder is thinned it can be applied by a standard paint roller. The binder must be thinned with Porous Pave Binder Thinner prior to applying!



The most efficient way to complete the rolling overspray as quickly and consistently as possible will be to purchase a large paint tray. This will be used to get the thinned binder onto the roller evenly.

- Once the first mix is in the tray the empty pall can be used as a mixing bucket. Pour 2.5 gallons of binder with a half gallon of thinner (if necessary add a half gallon of colorant) then mix the product in that bucket.
- Once mixed then carefully pour the thinned binder into the paint tray. Continuously repeat this process so that the roller can roll the mixed binder from the tray and there will be no need to stop.
- If done correctly this will eliminate the need to stop rolling. Mixing and rolling using this method will result in the most consistent, quick and even overspray using a roller.
- Use a 8/4" nap roller cover for best results, a Purdy Collosus 18" roller with \$/4" knap is available from Sherwin Williams (or equivalent).

DISTRIBUTING AN EVEN APPLICATION

An even application is required to ensure the entire surface is coated with the proper amount of binder to provide the best performance.

- Place a marker around 300 square feet and be sure to evenly spread the pail of thinned binder throughout the area.
- Continually move your marker300 square feet at a time throughout the installation to cover the entire area with one even coat of binder.

CAUTION

When applying binder with a roller it is imperative that all skin be covered, the binder is very sticky. Protect surrounding surfaces from overspray and accidental coating. Plants, bricks, cement, wood etc. must be covered. ALWAYS follow all safety precautions found in the binder MSDS sheet at www.porouspaveinc.com



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