

Site Management Plan

Prepared By: J. Happ

Site Name: Atkinson Road

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Trail, Oak Hickory Woodland, Mitigation Bank	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff
		Develop and approve an encroachment policy.	Ongoing	TWP Open Space Staff, Supervisor, Trustees
		Make sure all trail, rules, and ownership signs are in place to ensure visitor safety.	Ongoing	TWP Open Space Staff
		Conduct a vegetative survey.	2024	Contractor, TWP Open Space Staff
		Conduct regular site inspections and document current conditions in the inspection log.	Every Other Month	TWP Open Space Staff
		Evaluate need for trail repairs including additional culverts and trail raising.	Ongoing	
	Maintain	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Annually	TWP Open Space Staff
		Provide and maintain trail amenities including but not limited to: the trail, bollards, benches, trash cans, birdhouses, dog waste centers, culverts, mowed trail edges, etc.	Ongoing	
		Conduct visual trail inspections, especially after storm events. Mark unsafe trail conditions using flagging, cones, barricades, etc. immediately upon discovery.	Weekly	
		Evaluate need for trail resurfacing.	2025	
		Patch and sealcoat asphalt trail every two years or as needed.	2024	Contractor
	Restore	As funds become available plant native seed, trees and shrubs using recommended species and quantities outlined in the INPC guidelines.	Annually	TWP Open Space Staff
		Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	TWP Open Space Staff

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel	
Entire Parcel: Trail, Oak Hickory Woodland, Mitigation Bank (continued)	Restore (continued)	Re-introduce pre-settlement fire regime. Develop, implement, and evaluate burn plan.	Ongoing	TWP Open Space Staff	
		Whenever possible create habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.	Ongoing		
	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	Supervisor, TWP Open Space Staff	
		Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing	TWP Open Space Staff	
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, local horse stables, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff	
		Continue communications with the INPC for possible Nature Preserve dedication.	Ongoing	Supervisor, TWP Open Space Staff, Openlands, Illinois Nature Preserve Commission (INPC)	
		Continue communications with American Kestrel box monitor regarding maintenance, monitoring, reporting updates.	Ongoing	TWP Open Space Staff	
	Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, bird watching, cross country skiing, etc.	Ongoing	Supervisor, TWP Open Space Staff	
	A. Oak Hickory Woodland, Trail	Document	Photo document regeneration of native vegetation.	Spring & Fall	TWP Open Space Staff
		Restore	Cut and herbicide re-sprouts as needed.	Ongoing	
Implement burn plan.			2024	TWP Open Space Staff, Contractor	
B. Mitigation Bank, Trail	Restore	Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	TWP Open Space Staff	
		Keep drainages and culverts free flowing and free of obstructions.	As needed		
		Implement burn plan.	2024		TWP Open Space Staff, Contractor
	Maintain	Maintain hen houses	Annually in winter	TWP Open Space Staff	

Site Management Plan

Prepared By: J. Happ

Site Name: **Butterfield Road (Canterbury)**

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Prairie, Wetland Mitigation Bank, Wooded Riparian Corridor, Trail, Mowed Park Lots, Stream Channel	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff
		Develop and approve an encroachment policy.	Ongoing	TWP Open Space Staff, Supervisor, Trustees
		Make sure all trail, rules, and ownership signs are in place to ensure visitor safety.	Ongoing	TWP Open Space Staff
		Conduct regular site inspections and document current conditions in the inspection log.	Every Other Month	
		Maintain agreement #2761799 between Canterbury Homeowners Association and Township regarding tree planting and maintenance requirements for management unit "A".	Ongoing	
		Conduct a vegetative survey.	2024	Contractor, TWP Open Space Staff
		Monitor donated memorial plaques, benches and volunteer habitat projects (snake hibernaculum, hawk nest platform, bird houses and informational signage).	Ongoing	TWP Open Space Staff
	Maintain	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and repair if needed.	Annually	TWP Open Space Staff
		Provide and maintain trail amenities including but not limited to: the trail, bollards, Knox boxes, benches, trash cans, birdhouses, dog waste centers, culverts, mowed trail edges, memorial plaques, etc.	Ongoing	
		Spray turf edges for broadleaf weeds and evaluate future need.	As Needed	
		Sealcoat asphalt trailheads every two years or as needed.	2024	
		Conduct visual trail inspections, especially after storm events. Repair trail washouts and unsafe trail conditions or mark using flagging, cones, barricades, etc. immediately upon discovery.	Weekly	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel	
Entire Parcel (continued)	Restore	As funds become available plant native seed, trees and shrubs using recommended species and quantities outlined in the INPC guidelines.	Annually	TWP Open Space Staff	
		Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing		
		Whenever possible create habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.	Ongoing		
		Re-introduce pre-settlement fire regime. Implement and evaluate burn plan.	2024	TWP Open Space Staff, Contractor	
	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	Supervisor, TWP Open Space Staff	
		Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing	TWP Open Space Staff	
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, local horse stables, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff	
	Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, birdwatching, cross country skiing, etc.	Ongoing	Supervisor, TWP Open Space Staff	
	A. North Prairie, Wetlands, Mowed Park Lots, Trail	Maintain	Maintain and mow grass, edge beds and sidewalk edges, trim trees, install mulch, control weeds, etc. in order to provide an aesthetically pleasing view for users and nearby residents.	Seasonally as needed	TWP Open Space Staff
			Conduct broadleaf herbicide treatments to all mowed out lots.	Annually	Contractor, TWP Open Space Staff
Evaluate the need for trail resurfacing.			Ongoing	TWP Open Space Staff, Supervisor	
Restore		Enhance and encourage short grass prairie.	Annually	TWP Open Space Staff	
		Inter-seed in herbicided and burned areas with native short grass prairie species, plant trees and shrubs as funding becomes available.	Ongoing		
Maintain		Trim and prune planted trees. Remove dead ash trees as needed.	Annually		

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
B. Mitigation Bank, Prairie, Wetlands, Trail	Control water level	Seasonally adjust water level to aid in controlling invasive wetland vegetation. Stop logs are to be raised in the winter and lowered in the spring.	Seasonally as needed	TWP Open Space Staff
	Maintain	Maintain and mow grass, trim trees, install mulch, control weeds, etc. in order to provide an aesthetically pleasing view for residents.	Seasonally as needed	
		Maintain hen houses (2)	Annually in winter	
	Restore	Conduct follow up treatments to areas already cleared of invasives.	Ongoing	TWP Open Space Staff, Village of Libertyville
		Discuss with Village of Libertyville future IGA for the maintenance of natural areas of Canterbury Park adjacent to Township property. Activities may include herbiciding and tree removals.	Ongoing	
		Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership. Especially focus on control of phragmites and reed canary grass.	Ongoing	TWP Open Staff
		Evaluate need for large scale herbicide project to control wetland invasives such as phragmites and reed canary grass.	2024	Contractor, TWP Open Space Staff
		Monitor	Monitor and repair muskrat damage to trail berm. Evaluate need for additional rip-rap.	Ongoing
	Monitor Mundelein trail connection drainage and water damage from offsite sources.		Ongoing	Supervisor, TWP Open Space Staff
C. Riparian Corridor, Mitigation Bank, Stream Channel, Wetland	Restore	Keep drainage free flowing and free of obstructions. Continue to follow recommendations outlined in the Lake County Storm Water Management (LCSMC) plan. Seek grant opportunities for restoration.	Ongoing	TWP Open Space Staff
		Continue riparian corridor clearing. Remove log jams.	2021-22	TWP Open Space Staff
		Evaluate need for large scale herbicide project to control wetland invasives such as phragmites and reed canary grass.	2024	Contractor, TWP Open Space Staff
		Sow native seed. 19.1 ac.	2024	
	Maintain			TWP Open Space Staff
		Monitor and maintain spillway at Seavey Ditch outlet basin. Add riprap as needed.	Ongoing	
		Conduct follow up treatments to areas already cleared of invasives.	Ongoing	

Site Management Plan

Prepared By: J. Happ

Site Name: Casey North (Oak Openings Buffer, 2017 Almond Marsh Buffer, 2018 Section 319 Grant)

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Restored Agriculture Field, Successional Woodland Restoration Area, Oak Woodland, Wet Mesic Floodplain Forest, Wooded Riparian Corridor, Trail, Parking Lot, Agriculture Field	Monitor	Conduct a vegetative survey.	2024	Contractor
		Conduct regular site visits. Inspect boundaries and encroachments. Update the encroachment inventory. Document conditions.	Every Other Month	TWP Open Space Staff
		Conduct visual trail inspections, especially after storm events. Repair trail washouts and unsafe trail conditions or mark using flagging, cones, barricades, etc. immediately upon discovery.	Weekly	
		Evaluate burn plans and implement prescribed burns in accordance with burn plans.	Annually	TWP Open Space Staff, Volunteers
		Continue to monitor and prevent creek bank erosion by installing erosion control measures.	Ongoing	TWP Open Space Staff
		Obtain bluebird trail monitoring data.	Annually	TWP Open Space Staff, Volunteers
		Begin preliminary planning and permitting for trail resurfacing.	2025	TWP Open Space Staff, Supervisor, Engineer
	Maintain	Provide and maintain limited, appropriate visitor amenities such as: trail, Knox boxes, bollards, parking lot, portable toilet, picnic table, garbage cans, kiosk, benches, dog waste receptacles, equestrian dismount blocks, memorial plaques, etc.	Ongoing	TWP Open Space Staff
		Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Annually	
		Maintain INPC signage along boundaries. Make sure all trail, rules, and ownership signs are in place to ensure visitor safety.	Annually	
		Install "No Snowmobile" signage seasonally to discourage snowmobile usage.	Annually in Fall	TWP Open Space Staff
		Install seed, trees, shrubs, and plugs that meet INPC specs as funds become available and when appropriate.	As needed	TWP Open Space Staff, Volunteers

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel (continued)	Restore	Control invasive species commonly found in Lake County and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Annually	TWP Open Space Staff, Volunteers
		Re-introduce pre-settlement fire regime. Implement and evaluate burn plan.	Ongoing	TWP Open Space Staff, Volunteers
	Document	Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Annually	TWP Open Space Staff
		Complete and submit INPC annual reports (Oak Openings Buffer, Almond Marsh Buffer).	Annually Feb. 15	TWP Open Space Staff, Supervisor
		Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	
		Obtain information including but not limited to: volunteer workday results, vegetation monitoring, bluebird monitoring, annual easement monitoring, etc.	Annually	TWP Open Space Staff, Supervisor, Volunteer Coordinator
	Communication	Continue communications with Village of Grayslake, INPC, Lake County Forest Preserve District (LCFPD), and Openlands.	Ongoing	TWP Open Space Staff, Supervisor, Openlands
		Provide information and outreach to neighboring homeowners, homeowner associations, local horse stables, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff, Openlands
		Continue communications with American Kestrel box monitor regarding maintenance, monitoring, reporting updates.	Ongoing	TWP Open Space Staff
	Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, birdwatching, cross country skiing, horseback riding, etc.	Ongoing	Supervisor, TWP Open Space Staff
A. Restored Agriculture Field (Oak Openings Buffer)	Restore	Control invasives: reed canary grass, Canada thistle, and clover.	Annually	TWP Open Space Staff, Volunteers
		Prescribe burn in accordance with burn plan.	2023	
	Maintain	Evaluate need to resurface gravel parking lot.	2025	TWP Open Space Staff
		Patch and sealcoat asphalt apron every two years or as needed.	2024	
	Conduct follow up treatments to areas already cleared of invasives in hedgerow.	Ongoing	TWP Open Space Staff, Volunteers	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
B. Riparian Corridor (Oak Openings Buffer)	Maintain	Continue initial clearing of the creek corridor removing invasive species.	Ongoing	TWP Open Space Staff, Volunteers
		Conduct follow up treatments to areas already cleared of invasives.	Ongoing	
		Control invasives: buckthorn, yellow flag iris, phragmites, honey suckle, barberry, and reed canary grass.	Annually	
		Prescribe burn in accordance with burn plan.	2023	
	Keep drainage free flowing and free of obstructions. Continue to follow recommendations outlined in the Lake County Storm Water Management plan. Seek grant opportunities for restoration.	Annually	TWP Open Space Staff	
		Monitor erosion of creek banks and take appropriate action when needed.		Ongoing
C. Restored Agriculture Field (Oak Openings Buffer)	Restore	Control invasives: reed canary grass, sweet clover, woody invasives, and brome.	Annually	TWP Open Space Staff, Volunteers
		Prescribe burn in accordance with burn plan.	2023	
	Monitor	Monitor trail erosion near underpass and complete trail improvements to alleviate erosion and water issues if needed.	Ongoing	TWP Open Space Staff
D. Mesic Oak Woodland (Oak Openings Buffer)	Restore	Continue initial clearing removing buckthorn, honeysuckle and Japanese barberry.	TBD	TWP Open Space Staff, Volunteers
		Prescribe burn in accordance with burn plan.	TBD	
E. Mesic Oak Woodland (Oak Openings Buffer)	Restore	Prescribe burn in accordance with burn plan.	2023	TWP Open Space Staff, Volunteers
		Conduct follow up treatments to areas already cleared of invasives.	Ongoing	
	Maintain	Mow grass foot path as needed on Township property.	Monthly	TWP Open Space Staff
F. Savanna (Oak Openings Buffer)	Restore	Control invasives: reed canary grass, brome, Canada thistle, garlic mustard, buckthorn and dames rocket.	Annually	TWP Open Space Staff, Volunteers
		Prescribe burn in accordance with burn plan.	2023	
G. Retired Agriculture Field, Walnut Grove (Almond Marsh Buffer)	Restore	Control invasives: Canada thistle, reed canary grass, multiflora rose and brome.	Annually	TWP Open Space Staff
		Prescribe burn in accordance with burn plan.	Annually	TWP Open Space Staff, Volunteers
		Conduct follow up treatments to areas already cleared of invasives.	Ongoing	TWP Open Space Staff
		Sow forbs and cover crop excluding walnut grove. 3.0 ac.	2024	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
H. Ketting Wetland (Almond Marsh Buffer)	Restore	Control invasives: reed canary grass, phragmites, and Canada thistle.	Ongoing	TWP Open Space Staff
		Prescribe burn in accordance with burn plan.	2023	TWP Open Space Staff, Volunteers
	Maintain	Seasonally adjust water level to aid in controlling invasive wetland vegetation. Stop logs are to be raised in the winter and lowered in the spring.	Seasonally	TWP Open Space Staff
I. Agriculture Field	Monitor	As farm license expires (12-31-2023), continue to review license and explore restoration opportunities outlined in the Board approved Casey Road Land Use Plan.	Summer 2023	Supervisor, Trustees, TWP Open Space Staff
		Prepare for mitigation bank construction.	2023	Supervisor, TWP Open Space Staff, Engineer
	Restore	Seek grant opportunities to remediate priority erosion issues, as per the Bull Creek/Bull Brook Watershed Plan, Casey Road Land Use Plan, Liberty Prairie Master Plan.	Ongoing	Supervisor, Openlands, TWP Open Space Staff
		Remove remaining tree islands. 0.5 ac.	2023	TWP Open Space Staff
J. Baxter Grove (Oak Openings Buffer)	Monitor	Review and evaluate farm license (expires 11-30-2025).	Spring 2025	Supervisor, Trustees, TWP Open Space Staff
	Maintain	Install and Maintain INPC boundary signage.	Ongoing	TWP Open Space Staff
		Maintain hen house in pond	Annually in winter	
	Restore	Remove woody invasive species through out.	2023	
Prescribe burn in accordance with burn plan.		2023		
K. Restored Agricultural Field (Almond Marsh Buffer)	Monitor	Monitor for invasive outbreaks. Take action as necessary.	Ongoing	TWP Open Space Staff, Volunteers
	Maintain	Maintain boundary signage: Carsonite survey markers, Open Space signage and INPC signage.	Ongoing	
	Restore	Prescribe burn in accordance with burn plan.	2023	TWP Open Space Staff, Volunteers
		Interseed as needed.	TBD	TWP Open Space Staff
L. Restored Agricultural Field (Almond Marsh Buffer)	Monitor	Monitor for invasive outbreaks. Take action as necessary.	Ongoing	TWP Open Space Staff, Volunteers
	Maintain	Maintain boundary signage: Carsonite survey markers, Open Space signage and INPC signage.	Ongoing	TWP Open Space Staff
	Restore	Re-introduce pre-settlement fire regime. Develop, implement and evaluate burn plans.	2023	TWP Open Space Staff, Volunteers
		Interseed as needed.	TBD	TWP Open Space Staff

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
M. Agriculture Field (2018 Section 319 Grant)	Monitor	Review inholding ingress and egress easement (driveway).	As needed	Supervisor, TWP Open Space Staff
		Monitor for invasive outbreaks. Take action as necessary.	Ongoing	TWP Open Space Staff, Volunteers
	Maintain	Install and maintain boundary signage, INPC signage, etc.	Ongoing	TWP Open Space Staff
		Spot mow as needed.	2023	
		Re-introduce pre-settlement fire regime. Develop, implement and evaluate burn plans.	2023-24	TWP Open Space Staff, Volunteers
		Interseed as needed.	2024	TWP Open Space Staff
	Document	Complete maintenance and documentation activities as described in the Section 319 O&M plan in the Spring and Fall. Submit to SMC.	2020-2030	Supervisor, TWP Open Space Staff
	Communicate	Continue communication with LCSMC, LCFPD, neighbors.	Ongoing	Supervisor, Openlands, TWP Open Space Staff

Site Management Plan

Prepared By: J. Happ

Site Name: Casey South (Liberty Prairie Nature Preserve and Buffer, Donnelley Prairies and Oaks Buffer)

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Graminoid Fen, Restored Prairie, Restored Agriculture Fields, Sedge Meadow, Riparian Corridor, Woodland, Hillside Seep, Sedge Meadow, Trail Monitored Species: Slender Bog Arrow Grass, Fringed Gentian, Grass of Parnassus, Bluebirds, Butterflies, Frogs.	Monitor	Obtain species monitoring results. Slender Bog Arrow Grass, Fringed Gentian, Grass of Parnassus, Bluebirds, Butterflies, Frogs.	Annually	TWP Open Space Staff, Volunteers
		Evaluate burn plan and implement prescribed burn in accordance with burn plan.	Annually	
		Check and document boundaries and encroachments. Update encroachment inventory as needed. Develop an encroachment policy.	Every Other Month	TWP Open Space Staff, Supervisor, Trustees
		Conduct visual trail inspections, especially after storm events. Repair trail washouts and unsafe trail conditions or mark using flagging, cones, barricades, etc. immediately upon discovery.	Weekly	TWP Open Space Staff
		Tree and shrub screen allowed along property edges to control off-road vehicle access.	Ongoing	
		Conduct a vegetative survey.	2024	Contractor
	Maintain	Develop and complete boardwalk inspection log	2023/Annually	TWP Open Space Staff
		Provide and maintain limited, appropriate visitor amenities such as: trail, bollards, garbage cans, benches, dog waste receptacles, etc.	Ongoing	
		Maintain INPC signage along boundaries. Make sure all trail, rules, and ownership signs are in place to ensure visitor safety.	Annually	
		Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Annually	
		Phase 1 & 2 Birdscaping plantings. Update tree inventory as needed.	Annually	
	Restore	Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	TWP Open Space Staff, Volunteers
		As funds become available plant native seed, trees and shrubs using recommended species and quantities outlined in the INPC guidelines.	Annually	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel	
Entire Parcel (continued)	Restore (continued)	Whenever possible create habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.	Ongoing	TWP Open Space Staff, Volunteers	
		Re-introduce pre-settlement fire regime. Implement and evaluate burn plan.	Ongoing		
	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	TWP Open Space Staff, Supervisor	
		Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Annually	TWP Open Space Staff	
		Complete and submit INPC annual report.	Annually Feb. 15	TWP Open Space Staff, Supervisor	
		Obtain information including but not limited to: volunteer workday results, vegetation monitoring, bluebird monitoring, annual easement monitoring, etc.	Monthly	TWP Open Space Staff, Volunteers, Contractor	
		Obtain information regarding shallow and deep well monitoring when possible.	Ongoing		
		Communication	Continue communications with INPC and LCFPD.	Ongoing	Supervisor, TWP Open Space Staff , INPC, LCFPD
	Provide information and outreach to neighboring homeowners, homeowner associations, local horse stables, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.		Ongoing	Supervisor, TWP Open Space Staff	
	Continue communications with American Kestrel box monitor regarding maintenance, monitoring, reporting updates.		Ongoing	TWP Open Space Staff	
	Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, birdwatching, cross country skiing, horseback riding, etc.	Ongoing		
	A: Graminoid Fen	Restore	Conduct prescribed burn in accordance with the burn plan.	2024	TWP Open Space Staff, Volunteers
			Control invasives: reed canary grass, cattails, purple loosestrife, oriental bittersweet and multiflora rose.	Ongoing	
Conduct follow up treatments to areas already cleared of invasives. Spot mow areas of woody outbreaks as needed.			Ongoing		
Monitor		Conduct a vegetative survey of plants of concern, obtain and track results.	Annually		

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
B: Prairie, Wet Prairie, Wet Mesic Prairie, Mesic Prairie	Restore	Conduct prescribed burn in accordance with the burn plan.	2024	TWP Open Space Staff, Volunteers
		Control invasives: reed canary grass, purple loosestrife, Canada thistle, grey dogwood, buckthorn, and phragmites.	Annually	
		Collect and interseed in accordance with INPC seed collecting protocol.		
		Conduct large scale herbicide project to control wetland invasives such as phragmites, cattails and reed canary grass.	As needed	Contractor, TWP Open Space Staff
		Conduct follow up treatments to areas already cleared of invasives. Spot mow areas of woody outbreaks as needed.	Ongoing	TWP Open Space Staff
	Monitor	Monitor plants of concern and document.	Annually	TWP Open Sapce Staff, Volunteers
C. Restored Prairie	Restore	Conduct prescribed burn in accordance with the burn plan.	2024	TWP Open Space Staff, Volunteers
		Control invasives: reed canary grass, purple loosestrife, Canada thistle, grey dogwood, buckthorn, and oriental bittersweet.	Annually	
		Spot mow areas of woody outbreaks as needed.	As needed	TWP Open Space Staff
D. Sedge Meadow	Restore	Conduct prescribe burn in accordance with the burn plan.	2024	TWP Open Space Staff, Volunteers
		Control invasives: reed canary grass, cattails, and phragmites.	As needed	
		Conduct large scale herbicide project to control wetland invasives such as phragmites, cattails and reed canary grass.	As needed	Contractor, TWP Open Space Staff
E. Riparian Corridor	Restore	Control invasives: garlic mustard, reed canary grass, oriental bittersweet, brome, dames rocket, clover, and buckthorn.	Annually	TWP Open Space Staff
		Conduct follow up treatments. Continue to girdle cottonwoods.	Ongoing	
		Interseed cleared areas with seed collected on site.	Ongoing	
		Conduct prescribed burn in accordance with the burn plan.	2024	TWP Open Space Staff, Volunteers
F. Restored Agriculture Field	Restore	Conduct prescribed burn in accordance with the burn plan.	2024	TWP Open Space Staff, Volunteers
		Interseed in fall after burns with collected seed on site.	As needed	
		Conduct large scale herbicide project to control wetland invasives such as phragmites, cattails and reed canary grass.	As needed	Contractor, TWP Open Space Staff
		Control invasives: Canada thistle and reed canary grass.	Annually	TWP Open Space Staff

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
G. Retired Agriculture Field	Restore	Control reed canary grass, buckthorn, teasel, clover, brome, and dames rocket.	Annually	TWP Open Space Staff
		Interseed in fall after burns with collected seed on site.	Ongoing	TWP Open Space Staff, Volunteers
		Conduct prescribe burn in accordance with the burn plan.	2025	
		Conduct restoration mowing to promote native establishment.	2023-2024	TWP Open Space Staff
H. Woodland, Remnant Prairie, Restored Prairie	Restore	Conduct prescribe burn in accordance with the burn plan.	2023	TWP Open Space Staff, Volunteers
		Interseed with collected seed from site.	Ongoing	
		Sow native grasses and cover crop. Approx 4.0 ac.	2024	
		Conduct follow up treatments to areas already cleared of invasives.	Ongoing	
		Control invasives: buckthorn, oriental bittersweet, reed canary grass, and Canada thistle.	Annually	TWP Open Space Staff
I. Hillside Seep	Restore	Conduct prescribed burn in accordance with the burn plan.	2024	TWP Open Space Staff, Volunteers
		Control invasives: purple loosestrife, cattails, willow.	Annually	TWP Open Space Staff
J. Sedge Meadow	Monitor	Monitor and control invasive outbreaks.	As Needed	
K. Restored Agriculture Field	Restore	Continue to control invasives.	Annually	
		Conduct prescribed burn in accordance with the burn plan.	2023	TWP Open Space Staff, Volunteers
		Reestablish boundary along northern property line hedgerow.	2025	TWP Open Space Staff
L. Bottomland Successional Woods (2017 Donnelley Prairies and Oaks Buffer)	Monitor	Monitor WMB Head Cut Project.	Ongoing	Supervisor, TWP Open Space Staff
	Restore	Seek grant opportunities to remove woody species and restore creek corridor.	Ongoing	Supervisor, LCSMC
		Continue restoration as outlined in the SMC plan, Casey Road Land Use Plan, Liberty Prairie Master Plan, 2011 Hey & Assoc. proposal.	2025	Supervisor, TWP Open Space Staff
		Conduct follow up treatments to areas already cleared of invasives (2017 Riparian Corridor Clearing).	Ongoing	TWP Open Space Staff
		Conduct prescribed burn in accordance with the burn plan.	2024	TWP Open Space Staff, Volunteers
M. Impoundment (2017 Donnelley Prairies and Oaks Buffer)	Monitor	Monitor the need for a dam inspection. Monitor overall integrity of the water level control structure.	Ongoing	Supervisor, TWP Open Space Staff
	Maintain	Maintain hen houses (2) in pond.	Annually in winter	TWP Open Space Staff
	Restore	Conduct prescribed burn in accordance with the burn plan.	TBD	TWP Staff, Volunteers

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
M. Impoundment (2017 Donnelley Prairies and Oaks Buffer) (continued)	Restore (continued)	Continue initial clearing of trees and brush.	2025	TWP Open Space Staff
		Conduct follow up treatments to areas already cleared of invasives (2017 Riparian Corridor Clearing).	Ongoing	
		Control invasives: reed canary grass.	Ongoing	TWP Open Space Staff
N. Restored Agriculture Fields, Access Drive, Stockpile Area (2017 Donnelley Prairies and Oaks Buffer)	Monitor	Monitor for invasive outbreaks. Take action as necessary.	Ongoing	TWP Open Space Staff, Volunteers
	Restore	Re-introduce pre-settlement fire regime. Develop, implement and evaluate burn plans.	2024	TWP Open Space Staff, Contractor
		Perform follow up treatments to areas previously cleared of invasives.	Ongoing	TWP Open Space Staff
		Interseed as needed.	As Needed	
O. Retired Pasture	Monitor	Locate and review ingress/egress easement.	Annually	TWP Open Space Staff, Supervisor
		Obtain information related to the deep well monitoring station if necessary.	Ongoing	TWP Open Space Staff
	Restore	Continue to control invasives.	Annually	
		Conduct follow up treatments to areas already cleared of woody invasives.	Ongoing	
		Conduct prescribed burn in accordance with the burn plan.	2024	TWP Staff, Volunteers
		Install seed, trees, shrubs, and plugs that meet INPC specs as funds become available and when appropriate.	As needed	TWP Open Space Staff
		Maintain planting by mowing, burning, treating invasives.	2023	
P. Restored Agricultural Field (2017 Donnelley)	Monitor	Monitor for invasive outbreaks.	Ongoing	TWP Open Space Staff, Volunteers
	Restore	Conduct prescribed burn in accordance with the burn plan.	2023	TWP Open Space Staff, Volunteers
		Interseed as needed.	As Needed	TWP Open Space Staff
Q. Restored Agricultural Field & Cleared Hedgerow	Monitor	Monitor for invasive outbreaks.	Ongoing	TWP Open Space Staff, Volunteers
	Restore	Conduct prescribed burn in accordance with the burn plan.	2023	TWP Open Space Staff, Contractor
		Interseed as needed.	As Needed	TWP Open Space Staff

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
R. Restored Agricultural Field & Cleared Hedgerow (2017 Donnelley Prairies and Oaks Buffer)	Monitor	Monitor for invasive outbreaks.	Ongoing	TWP Open Space Staff
	Restore	Conduct prescribed burn in accordance with the burn plan.	2023	TWP Open Space Staff, Volunteers
		Interseed as needed.	As Needed	TWP Open Space Staff
S. Restored Agricultural Field (2017 Donnelley Prairies and Oaks Buffer)	Monitor	Monitor for invasive outbreaks.	Ongoing	TWP Open Space Staff
	Restore	Conduct prescribed burn in accordance with the burn plan.	2023	TWP Open Space Staff, Volunteers
		Interseed as needed.	As Needed	TWP Open Space Staff
		Begin clearing of TWP portion of East hedgerow, TWP portion of tree island and South property line.	2025	

Site Management Plan

Prepared By: J. Happ

Site Name: Kildare

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Bottomland Woods, Wooded Riparian Corridor, Easement	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff
		Develop and approve an encroachment policy.	Ongoing	TWP Open Space Staff, Supervisor, Trustees
		Make sure rules, and ownership signs are in place to ensure visitor safety.	Ongoing	TWP Open Space Staff
		Conduct regular site inspections and document current conditions in the inspection log.	Every Other Month	
	Maintain	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Ongoing	
		Keep drainage free flowing and free of obstructions.	Annually	TWP Open Space Staff
	Restore	Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	TWP Open Space Staff
		Re-introduce pre-settlement fire regime. Develop, implement, and evaluate burn plan.	Ongoing	TWP Open Space Staff, Volunteers
		As funds become available plant native seed, trees and shrubs using recommended species and quantities outlined in the INPC guidelines.	Annually	TWP Open Space Staff
		Whenever possible create and improve habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.	Ongoing	
	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	Supervisor, TWP Open Space Staff
		Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing	TWP Open Space Staff

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Bottomland Woods, Wooded Riparian Corridor, Easement (continued)	Document (continued)	Complete required ComEd Green Region Grant reporting documentation.	15-Mar-24	Supervisor, TWP Open Space Staff
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff
	Recreation	Explore passive and active recreational opportunities when possible and appropriate such as hiking, biking, bird watching, cross country skiing, etc.	Ongoing	Supervisor, TWP Open Space Staff
		Once vegetation is established, mow a footpath for public access.	2024/2025	TWP Open Space Staff
A. Woodland	Monitor	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Every Other Month	TWP Open Space Staff
		Monitor erosion at HOA culvert outflow and take appropriate action when needed.	Ongoing	
	Maintain	Install rip-rap at HOA culvert outflow as needed.	As needed	
	Restore	Monitor plug health. Water as necessary.	2023	TWP Open Space Staff
		Sow native grass seed and cover crop.	2023	
		Sow native forbs and cover crop.	2024	
		Install native plugs.	2023	
		Conduct herbicide treatment to woody invasive species.	2023 - 24	
	Rough cut mow to promote native establishment.	2023-2025		
B. Wooded Riparian Corridor	Monitor	Keep drainage free flowing and free of obstructions. Continue to follow recommendations outlined in the Lake County Storm Water Management plan.	Annually	TWP Open Space Staff
		Seek grant opportunities for restoration. Seek opportunities for volunteer workdays.	Ongoing	
	Restore	Monitor plug health. Water as necessary.	2023	TWP Open Space Staff
		Sow native grass seed and cover crop.	2023	
		Sow native forbs and cover crop.	2024	
		Install native plugs.	2023	
		Conduct herbicide treatment to woody invasive species.	2023 - 24	
	Rough cut mow to promote native establishment.	2023-2025		
C. Ingress/ Egress Easement	Monitor	Review and monitor ingress/egress easement.	As needed	Supervisor, TWP Open Space Staff
		Locate and review agreement for maintenance of mowed area.	Ongoing	

Site Management Plan

Prepared By: J. Happ

Site Name: Lindholm Park

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Playground, Athletic Fields, Trail, Woodland, Cool Season Meadow	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff
		Develop and approve an encroachment policy.	Ongoing	TWP Open Space Staff, Supervisor, Trustees
		Make sure all trail, rules, and ownership signs are in place to ensure visitor safety.	Ongoing	TWP Open Space Staff
		Conduct regular site inspections and document current conditions in the inspection log.	Monthly	
		Conduct visual trail inspections, especially after storm events. Repair trail washouts and unsafe trail conditions or mark using flagging, cones, barricades, etc. immediately upon discovery.	Weekly	
	Maintain	Provide and maintain amenities including but not limited to: the trail, bollards, Knox boxes, benches, trash cans, birdhouses, dog waste centers, culverts, mowed trail edges, athletic fields, porta potties, memorial plaques, picnic tables, etc.	Ongoing	TWP Open Space Staff
		Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and repair if needed.	Monthly	
		Maintain and mow grass, edge beds and sidewalk edges, trim trees, mulch, pull weeds, etc. in order to provide an aesthetically pleasing view for users and nearby residents.	Seasonally as needed	
		Evaluate the need to herbicide and/or fertilize turf grass.		
		Seal coat sidewalks every two years or as needed.	2024	Contractor
	Restore	As funds become available plant native seed, trees and shrubs.	Ongoing	TWP Open Space Staff
		Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	TWP Open Space Staff, Volunteers

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel (continued)	Restore (continued)	Re-introduce pre-settlement fire regime. Develop, implement, and evaluate burn plan.	As needed	TWP Open Space Staff, Volunteers
		Whenever possible create habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.	Ongoing	
	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	Supervisor, TWP Open Space Staff
		Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing	TWP Open Space Staff
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, local horse stables, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff
	Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, bird watching, cross country skiing, etc.	Ongoing	
	Site Survey	Survey and mark property boundaries.	2025	Contractor, TWP Open Space Staff
A. Athletic Fields Infield, Outfield	Maintain (Infield)	Evaluate the need for surface conditioners.	As Needed	TWP Open Space Staff
		Drag field weekly as weather permits.	Seasonally	
		Hire contractor for major retrofits including adding of clay and conditioner every two years or as needed.	As Needed	
	Maintain (Outfield)	Herbicide common herbaceous turf weeds including: clover, dandelion, creeping charlie, and chickweed.	Annually	TWP Open Space Staff, Contractor
		Inspect outfield every week during ball season for holes, divots and depressions. Repair or flag immediately and log repairs on inspection form.	Seasonally	TWP Open Space Staff
	Communication	Install seasonal and temporary field closure signage.	As Needed	
B. Playground	Inspect	Complete inspection, fill out inspection form and repair deficiencies immediately.	April & October	TWP Open Space Staff
	Maintain	Add playground approved woodchips to recommended levels.	As needed	
		Prepare to remove the remaining ash trees and replace with native plant material.	As needed	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
B. Playground (continued)	Maintain (continued)	Continue to maintain native planting bed.	Ongoing	TWP Open Space Staff
		Update playground equipment. Evaluate need for replacement or repairs.	2024-26	Supervisor, TWP Open Space Staff
C. Parking Lot	Maintain	Seal coat parking lot every two years.	2024	Supervisor, TWP Open Space Staff
		Lubricate and inspect solar gate annually.	2023	TWP Open Space Staff, Contractor
D. Oak Woodland	Restore	Cut and herbicide invasives including: buckthorn, Canada thistle and reed canary grass.	Ongoing	TWP Open Space Staff
		Prescribe burn in accordance with burn plan.	2023	
		Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	
		As funds become available plant native seed, trees and shrubs using recommended species and quantities outlined in the INPC guidelines.	Ongoing	
E. Cool Season Meadow	Maintain	Prescribe burn in accordance with burn plan.	2023	TWP Open Space Staff
		Herbicide invasives: Canada thistle, teasel and buckthorn.	Ongoing	
	Monitor	Continue to monitor storm water runoff and potential erosion into Wilmot Woods Forest Preserve.	Ongoing	Supervisor, TWP Open Space Staff, LCFPD

Site Management Plan

Prepared By: J. Happ

Site Name: Milwaukee Avenue

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Restored Short Grass Prairie, Agriculture Field, Wooded Riparian Corridor, Woodland, Retired Pasture, Leased Paddock, Grass Filter Strip	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff
		Develop and approve an encroachment policy.	Ongoing	TWP Open Space Staff, Supervisor, Trustees
		Make sure rules and ownership signs are in place to ensure visitor safety.	Ongoing	TWP Open Space Staff
		Conduct regular site inspections and document current conditions in the inspection log.	Every Other Month	TWP Open Space Staff
		As farm licenses expire continue to evaluate license and restoration opportunities.	Ongoing	Supervisor, Trustees, TWP Open Space Staff
		Monitor and discuss long term maintenance needs and key personnel regarding Milwaukee Road sidewalk.	As needed	Supervisor, TWP Open Space Staff
	Maintain	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Monthly	TWP Open Space Staff
		Line trim, herbicide weeds and pick up litter along Milwaukee Rd. sidewalk (Casey Rd. to Janas Ct.) and access gate.	Seasonally	TWP Open Space Staff, Buildings and Grounds Manager
	Restore	Re-introduce pre-settlement fire regime. Develop, implement, and evaluate burn plan.	Ongoing	TWP Open Space Staff, Volunteers
		Seek and apply for restoration grants and for volunteer opportunities.	Annually	Supervisor, Openlands, TWP Open Space Staff
		As funds become available plant native seed, trees and/or shrubs using recommended species and quantities outlined in the INPC guidelines.	Annually	TWP Open Space Staff

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel (continued)	Restore (continued)	Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	TWP Open Space Staff, Volunteers
		Whenever possible create habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.	Ongoing	TWP Open Space Staff
		Coordinate effort to restore in conjunction with LCFPD.	Ongoing	TWP Open Space Staff, LCFPD,
	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	Supervisor, TWP Open Space Staff
		Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing	TWP Open Space Staff
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff
	Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, birdwatching, cross country skiing, horseback riding, etc.	Ongoing	TWP Open Space Staff
	Site survey and Signage	Survey and mark property boundaries.	2024	Supervisor, Contractor
		Install ownership signs along Milwaukee Avenue in conjunction with restoration activities.	As needed	TWP Open Space Staff
	A. Restored Short Grass Prairie	Monitor	Conduct a vegetative survey.	2024
Restore		Re-introduce pre-settlement fire regime. Develop, implement, and evaluate burn plan.	2024	TWP Open Space Staff, Volunteers
		Control invasive species: white sweet clover, reed canarygrass, canada thistle, woodies.	Ongoing	TWP Open Space Staff
B. Agriculture Field	Review farm license	As farm license expires (12/31/2025), continue to evaluate license and restoration opportunities as per the Casey Road Land Use Plan.	Summer 2025	Supervisor, Trustees, Advisory Committee, TWP Open Space Staff
C. Wooded Riparian Corridor	Restore	Restore native riparian community.	2023-24	Supervisor, TWP Open Space Staff
	Monitor	Monitor creek flow and obstructions under Milwaukee Road underpass box culvert.	Ongoing	TWP Open Space Staff

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
D. Woodland	Monitor	Explore restoration and volunteer opportunities.	Ongoing	TWP Open Space Staff
E. Retired Pasture	Seek grant opportunities	Seek and apply for restoration grants to restore native riparian community.	Ongoing	Supervisor, Openlands, TWP Open Space Staff
	Restore	Mow and herbicide to reduce invasive plant populations as needed.	As needed	TWP Open Space Staff
F. Leased Paddock	Review farm license	Review and evaluate farm license as license expires (5-31-2023).	Spring 2023	Supervisor, Trustees, TWP Open Space Staff
	Monitor	Monitor conditions of paddocks and adherence to conditions of license agreement.	Ongoing	TWP Open Space Staff
G. Agriculture Field	Review farm license	Review and evaluate farm license as license expires (5-31-2023).	Spring 2023	Supervisor, Trustees, TWP Open Space Staff
H. Grass Filter Strips	Restore	Mow and herbicide to reduce invasive plant populations as needed.	As needed	TWP Open Space Staff
I. Drainage Ditch	Maintain	Mow and herbicide as needed.	Ongoing	TWP Open Space Staff
	Communication	Continue communication with neighbors, engineer, and stable owner.	Ongoing	Supervisor, TWP Open Space Staff
	Monitor	Monitor driveway drainage especially after large rain events. Remove obstructions to allow free flow of water through box culvers and manhole grates.	Ongoing	TWP Open Space Staff

Site Management Plan

Prepared By: J. Happ

Site Name: Old School Road

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Woodland, Lowland Woods, Floodplain	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff
		Develop and approve an encroachment policy,	Ongoing	TWP Open Space Staff, Supervisor, Trustees
		Make sure all trail, rules, and ownership signs are in place to ensure visitor safety.	Ongoing	TWP Open Space Staff
		Conduct regular site inspections and document current conditions in the inspection log.	Every Other Month	
		Conduct a vegetative survey in June.	2024	Contractor, TWP Open Space Staff
	Maintain	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Monthly	TWP Open Space Staff
		Remove debris from creek to allow water to remain free flowing. Continue to follow recommendations outlined in the Lake County Stormwater Management Plan.	Seasonally	
		Stabilize stream banks to prevent undercutting.	As needed	
	Restore	Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Annually	TWP Open Space Staff, Volunteers
		Re-introduce pre-settlement fire regime. Implement and evaluate burn plan.	Ongoing	
Continue to explore future opportunities for volunteer workdays.		Ongoing	Supervisor, TWP Open Space Staff	
Whenever possible create habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.		Ongoing	TWP Open Space Staff	
Continue initial clearing of invasive plants. Cut and herbicide. Conduct follow-up control of invasives.		Ongoing Ongoing	TWP Open Space Staff, Volunteers	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel (continued)	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	Supervisor, TWP Open Space Staff
		Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing	TWP Open Space Staff
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff
		Continue communications with the INPC for possible Land and Water Reserve or other further protection.	Ongoing	Supervisor, TWP Open Space Staff, Openlands, INPC
A. Woodland	Restore	Continue to thin woodland to a lower stocking percentage by removing sugar maple, box elder, black cherry, trees with poor form or are in decline, and create group openings; all to allow for more light to penetrate floor. Remove invasive plants.	Ongoing	TWP Open Space Staff
		Prescribe burn in dormancy.	Fall 2023	
		Control invasives: Buckthorn, burning bush, phragmites.	Annually	
B. Floodplain	Restore	Continue to thin woodland to a lower stocking percentage by removing sugar maple, box elder, black cherry, trees with poor form or are in decline, and create group openings; all to allow for more light to penetrate floor. Remove invasive plants.	Ongoing	TWP Open Space Staff
		Prescribe burn in dormancy.	Fall 2023	
		Control invasives: Buckthorn, burning bush, phragmites.	Annually	

Site Management Plan

Prepared By: J. Happ

Site Name: River Road

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel	
Entire Parcel: Easement, Paddocks, Agriculture Field, Woodland, Wetland, Trail, Retired Hay Field, Former Home Site and Agricultural Field	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff	
		Develop and approve an encroachment policy.	Ongoing	TWP Open Space Staff, Supervisor, Trustees	
		Make sure rules and ownership signs are in place to ensure visitor safety.	Ongoing	TWP Open Space Staff	
		Review and monitor easement. Complete easement monitoring log sheet.	Annually		
		Conduct regular site inspections and document current conditions in the inspection log.	Every Other Month		
		As farm license expires (5/31/2025), review and evaluate farm license details and options.	Fall 2024	Supervisor, TWP Open Space Staff	
	Maintain		Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Monthly	TWP Open Space Staff
			Provide and maintain trail amenities including but not limited to: the trail, bollards, trailhead fencing, Knox boxes, benches, trash cans, birdhouses, dog waste centers, culverts, mowed trail edges, etc.	Ongoing	
			Conduct visual trail inspections, especially after storm events. Repair trail washouts and unsafe trail conditions or mark using flagging, cones, barricades, etc. immediately upon discovery.	Weekly	
			Evaluate and sealcoat asphalt trailheads every two years.	2024	
			Maintain wire gate farm access point.	Annually	TWP Open Space Staff
	Document		Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	Supervisor, TWP Open Space Staff

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel (continued)	Document (continued)	Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing	TWP Open Space Staff
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff
	Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, bird watching, cross country skiing, horseback riding, etc.	Ongoing	TWP Open Space Staff
	Site survey	Survey and mark property boundaries.	As Needed	Supervisor, Surveyor, TWP Open Space Staff
A. Getz 1 Easement	Monitor	Review and monitor Getz 1 Easement (Parcels 2a, 2b). Complete easement monitoring log sheet.	Annually	TWP Open Space Staff
B. Agriculture Field, Paddocks	Review farm license	As farm license expires (5/31/2025), review and evaluate farm license details and options.	Spring 2025	Supervisor, TWP Open Space Staff
	Restore	Continue phragmites control in SE portion of unit along River Rd.	Ongoing	TWP Open Space Staff
	Maintain	Maintain River Rd. frontage along trail. Mow and pick up litter.	Ongoing	
C. Woodland	Restore	Conduct follow up treatments to areas previously cleared of invasives.	Ongoing	TWP Open Space Staff
		Keep drainage free flowing and free of obstructions.	Ongoing	
		Broadcast herbicide targeting woody invasive species.	2023	
		Sow native woodland seed. 3.0 acres	2024	
		Prescribed burn in accordance with the burn plan.	2023	
D. Wetland	Restore	Explore possibilities of restoration.	Ongoing	Supervisor, TWP Open Space Staff
E. Paddocks	Monitor easement	Review and monitor easement (Recorded in Lake County as File 7281483) - Independence Realty Conservation Easement. Complete easement monitoring log sheet.	Annually	TWP Open Space Staff
F. Retired Hay Field	Restore	Mow as needed to prevent weed growth and woody establishment.	2023	TWP Open Space Staff
		Monitor for invasive outbreaks.	Ongoing	
		Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	
		Evaluate the need for interseeding.	Ongoing	
		Prescribed burn in accordance with the burn plan.	2024	TWP Open Space Staff, Volunteers

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
G. Former Home Site and Agriculture Field	Maintain	Mow as needed to prevent weed growth and woody establishment.	Annually	TWP Open Space Staff
		Monitor the need for tree removals, etc.	Ongoing	
	Monitor	Review and monitor Getz 2 Easement (Parcels 3a, 3b) and Getz 3 easement (Parcels 5a, 5b). Complete easement monitoring log sheet.	Annually	TWP Open Space Staff
	Review farm license	As farm license expires (5/31/2025), review and evaluate farm license details and options.	Spring 2024	Supervisor, TWP Open Space Staff

Site Management Plan

Prepared By: J. Happ

Site Name: Rt. 45

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Abandoned Nursery, Bott Prairie, Bott Easement	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff
		Develop and approve an encroachment policy.	Ongoing	
		Make sure rules and ownership signs are in place to ensure visitor safety.	Ongoing	
		Conduct regular site inspections and document current conditions in the inspection log.	Every Other Month	
	Maintain	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Monthly	
	Restore	Seek opportunities for restoration through grant funding, offsite mitigation, DCEO, alternate land usages, etc.	Ongoing	Supervisor, TWP Open Space Staff, Engineer
	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	Supervisor, TWP Open Space Staff
			Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing
	Communication	Provide information and outreach to neighboring homeowners, homeowner association's, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff
	Recreation	Provide passive recreational opportunities when possible.	Ongoing	
A. Bott Prairie	Restore	Follow-up control of invasives such as buckthorn, thistle, teasel, reed canary grass, etc.	Annually	TWP Open Space Staff
		Re-introduce pre-settlement fire regime. Develop, implement and evaluate burn plans. When possible plan in conjunction with easement holder.	2024	TWP Open Space Staff, Easement Holder

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
A. Bott Prairie (continued)	Restore (continued)	Collect and sow seed generated from on site.	Annually	TWP Open Space Staff
		Whenever possible create habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.	Ongoing	
		Conduct a vegetative survey in May, June, or July.	2024	Contractor, TWP Open Space Staff
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, local horse stables, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Annually	TWP Open Space Staff, Supervisor
B. Abandoned Nursery	Restore	Explore funding opportunities for site restoration.	Ongoing	Supervisor
		Explore alternative land use options and restoration methods including grazing, agroforestry, etc.	Ongoing	Supervisor, TWP Open Space Staff
	Communication	Continue communication updates on land use, restoration and/or grant opportunities with interested parties.	Ongoing	Supervisor, TWP Open Space Staff
C. Bott Easement	Communication	Stay in contact with easement holder regarding Township restoration activities.	Annually	TWP Open Space Staff, Supervisor, Easement Holder
	Monitor	Review and monitor easement. Complete easement monitoring log sheet.	Annually	TWP Open Space Staff

Site Management Plan

Prepared By: J. Happ

Site Name: Rt. 137

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel		
Entire Parcel: Agriculture Fields, Wetland, Wet Prairie Remnant, Woodlands, Abandoned Nursery, Trail	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff		
		Develop and approve an encroachment policy.	Ongoing	TWP Open Space Staff, Supervisor, Trustees		
		Make sure rules, and ownership signs are in place to ensure visitor safety.	Ongoing	TWP Open Space Staff		
		Conduct regular site inspections and document current conditions in the inspection log.	Every Other Month			
		Monitor and maintain Birdscaping plantings.	Ongoing	TWP Open Space Staff, Lake County Audubon		
		Monitor riparian corridor for beaver activity and impacts.	Ongoing	TWP Open Space Staff		
	Maintain	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Provide and maintain trail amenities including but not limited to: the trail, bollards, Knox boxes, benches, memorial plaques, trash cans, birdhouses, dog waste centers, culverts, mowed trail edges, kiosk, etc.	Ongoing	TWP Open Space Staff	
			Evaluate and sealcoat asphalt trail sections every two years.	2024		
			Install and maintain beaver protection fencing.	2023		TWP Open Space Staff
			Inspect and perform maintain boardwalk maintenance.	Annually		TWP Open Space Staff
			Seek and apply for restoration grants targeting wetland and riparian areas (WMB, 319).	Ongoing		Supervisor, TWP Open Space Staff
	Restore	Whenever possible create habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.	As funds become available plant native seed, trees and shrubs using recommended species and quantities outlined in the INPC guidelines.	Ongoing	TWP Open Space Staff, Volunteers	
				Ongoing	TWP Open Space Staff	
				Ongoing	TWP Open Space Staff	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel	
Entire Parcel (continued)	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	Supervisor, TWP Open Space Staff	
		Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing	TWP Open Space Staff	
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff	
		Continue communications with American Kestrel box monitor regarding maintenance, monitoring, reporting updates.	Ongoing	TWP Open Space Staff	
		Continue communications with ComEd and USDA Wildlife Services regarding beaver activity.	Ongoing	Supervisor, TWP Open Space Staff, ComEd, USDA	
	Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, bird watching, cross country skiing, horseback riding, etc.	Ongoing	Supervisor, TWP Open Space Staff	
	Bull Creek Trail	Install boardwalk riprap.	As needed	TWP Open Space Staff	
		Conduct follow up treatments to areas cleared of invasives.	Ongoing		
		Review and evaluate ComEd lease details. Expiration (7-31-2035).	Winter 2035	Supervisor, TWP Open Space Staff	
		Review IGA with Village of Libertyville.	As needed		
		Continue restoration and maintenance activities within IGA area: trail maintenance, mowing, herbiciding, tree removals, etc.	Ongoing		
	A. Agriculture field	Review farm license	Review and evaluate license details. Evaluate restoration opportunities as license expires (10-31-23).	Spring 2023	Supervisor, TWP Open Space Staff
		Restore	Evaluate opportunities to restore hay fields along ComEd R.O.W. to short grass prairie and remove hedgerow.	2025	
B. Wetland	Monitor	Keep drainage free flowing and free of obstructions.	As needed	TWP Open Space Staff	
		Monitor erosion of creek banks and gullies and take appropriate action when needed.	Ongoing	Supervisor, TWP Open Space Staff	
	Restore	Re-introduce pre-settlement fire regime. Implement and evaluate burn plan.	2024	Contractor, TWP Open Space Staff	
		Evaluate need for large scale herbicide project to control wetland invasives such as phragmites and reed canary grass.	2024	Contractor, TWP Open Space Staff	
		Control wetland invasives such as phragmites, reed canary grass, purple loosestrife.	Ongoing	TWP Open Space Staff	
		Remove down logs, brush, etc.	2023-24		

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
C. Woodlands	Restore	Explore restoration opportunities such as clearing, seeding, burning.	2023-25	Supervisor, TWP Open Space Staff
D. Wet Prairie Remnant	Restore	Conduct follow up treatments to areas previously cleared of invasives.	Ongoing	TWP Open Space Staff
		Re-introduce pre-settlement fire regime. Implement and evaluate burn plan.	2024	Contractor, TWP Open Space Staff
E. Abandoned Nursery	Restore	Continue initial clearing and herbiciding of invasive trees adjacent to trail corridor moving east to towards the property line.	2023-24	TWP Open Space Staff
		Conduct follow up treatments to areas previously cleared of invasives.	Ongoing	
		Sow native seed. North 5.7 ac.	2024-25	
		Sow cover crop. North 5.7 ac.	2023	

Site Management Plan

Prepared By: J. Happ

Site Name: St. Mary's Road

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel: Oak woodland, Prairie, Dry Basin, Trail, Maxey Easement	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff
		Develop and approve an encroachment policy.	Ongoing	TWP Open Space Staff, Supervisor, Trustees
		Make sure all trail, rules, and ownership signs are in place to ensure visitor safety.	Ongoing	TWP Open Space Staff
		Conduct regular site inspections and document current conditions in the inspection log.	Monthly	
		Conduct a vegetative survey.	2022	TWP Open Space Staff, LCFPD, Contractor
		Monitor ditch reconstruction area for maintenance needs.	Ongoing	TWP Open Space Staff
	Maintain	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Monthly	TWP Open Space Staff
		Provide and maintain trail amenities including but not limited to: the trail, bollards, Knox boxes, benches, trash cans, birdhouses, dog waste centers, culverts, mowed trail edges, etc.	Ongoing	
		Evaluate and sealcoat asphalt trailheads every two years.	2024	
		Maintain and mow grass, trim trees, mulch, pull weeds, herbicide trail edges, etc. in order to provide an aesthetically pleasing view for users and nearby residents.	Seasonally as needed	
		Conduct visual trail inspections, especially after storm events. Repair trail washouts and unsafe trail conditions or mark using flagging, cones, barricades, etc. immediately upon discovery.	Weekly	
		Maintain turf along Nells Rd/St. Mary's trailhead from Open Space boundary up to Nells Rd. cul-de-sac staying within the Road District ROW.	Ongoing	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel (continued)	Maintain (continued)	Monitor St. Mary's Rd. pedestrian crossing signage for maintenance and/or repairs as needed.	Annually	TWP Open Space Staff
	Restore	Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	TWP Open Space Staff
		Re-introduce pre-settlement fire regime. Develop, implement, and evaluate burn plan.	Ongoing	TWP Open Space Staff, Volunteers
		As funds become available plant native seed, trees and shrubs using recommended species and quantities outlined in the INPC guidelines.	Annually	TWP Open Space Staff
		Whenever possible create and improve habitat for wildlife. This includes den trees, snags, brush piles, nurse logs, stumps, coarse woody debris, etc.	Ongoing	
	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Ongoing	TWP Open Space Staff, Supervisor
		Photograph parcel when possible during various seasons and during different phases of a given project (before and after).	Ongoing	TWP Open Space Staff
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	TWP Open Space Staff, Supervisor
		Continue communications with American Kestrel box monitor regarding maintenance, monitoring, reporting updates.	Ongoing	TWP Open Space Staff
	Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, bird watching, cross country skiing, horseback riding, etc.	Ongoing	
A. Woodlot Oak-Hickory Woods, Oak Savanna	Restore	Conduct follow up treatments to areas previously cleared of invasives. Control invasives using herbicide.	Annually	TWP Open Space Staff
		Prescribe burn in accordance with burn plan.	2023	TWP Open Space Staff, Volunteers
	Maintain	Keep drainage ditches free flowing and free of obstructions. Continue to follow recommendations outlined in the Lake County Storm Water Management plan.	As needed	TWP Open Space Staff, Supervisor

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
B. Prairie Short Grass Prairie, Dry Basins	Interseed	Interseed with short grass prairie mix.	As needed	TWP Open Space Staff
	Restore	Prescribe burn in accordance with burn plan.	2023	TWP Open Space Staff, Volunteers
		Conduct follow-up treatments to previously cleared area. Control invasives using herbicide.	Annually	TWP Open Space Staff
	Monitor	During/after rain events check dry basins to ensure they are fully functional.	As needed	
C. Savanna, Prairie	Restore	Conduct follow up treatments to areas previously cleared of invasives.	Ongoing	TWP Open Space Staff
		Re-introduce pre-settlement fire regime. Develop, implement, and evaluate burn plan.	2024	TWP Open Space Staff, Volunteers
		Sow native seed. 4.28 ac.	2023	TWP Open Space Staff
D. Maxey Easement	Monitor	Review and monitor easement. Complete easement monitoring log sheet.	Annually	TWP Open Space Staff

Site Management Plan

Prepared By: J. Happ

Site Name: Township Campus

Updated: February 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel	
Entire Parcel: Park, Footpath, Mowed Lots, Parking Lots, Office Buildings, Picnic Area, Sidewalks	Monitor	Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	Buildings and Ground Manager, TWP Open Space Staff	
		Develop and approve an encroachment policy.	Ongoing		
		Make sure all signs are in place to ensure visitor safety and convenience.	Monthly		
		Monitor footpath surface and repair as needed.	Weekly		
	Maintain	Maintain	Maintain buildings as needed following maintenance guidelines.	Ongoing	Buildings and Grounds Manager
			Provide and maintain amenities including but not limited to: the footpath, sidewalks, benches, picnic tables, trash cans, dog waste centers, lighting, flagpole, brick paver sidewalk, etc.	Ongoing	
			Conduct visual inspections of buildings and grounds especially after storm events. Make necessary repairs or mark using flagging, cones, barricades, etc. immediately upon discovery.	Weekly	
			Mow grass, edge beds and sidewalk edges, pull and herbicide weeds, etc. in order to provide an aesthetically pleasing view and safe experience for users and nearby residents.	Weekly	
			Add mulch to planting beds, herbicide turf broadleaf weeds, spring and fall leaf clean up, as necessary.	Seasonally	
			Sealcoat parking lots every two years in conjunction with Open Space Parcels.	2024	
			Keep sidewalks and parking lots free from snow, ice, and debris to ensure they are safe for users and aesthetically pleasing.	Seasonally - Winter	
			Control invasive species commonly found in Lake County, and as described by Northeast Illinois Invasive Plant Partnership when needed using an integrated pest management approach.	Ongoing	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
Entire Parcel (continued)	Maintain (continued)	Trim trees in dormancy when possible. Promptly remove dead and dying trees to ensure visitor safety. When replacing trees use native selections.	Seasonally	Buildings and Grounds Manager, TWP Open Space Staff, Contractor
	Document	Include current and long term management direction into Township site management plans, documentation, and all other pertinent information.	Ongoing	Buildings and Grounds Manager, TWP Open Space Staff, Supervisor
		Develop and update building maintenance log and guidelines. Log salt and herbicide use for MS4 report.	Ongoing	Buildings and Grounds Manager
		Photograph parcel when possible during various seasons and during different phases of a given project (before and after).		
	Communication	Provide information and outreach to neighboring homeowners and the public of management direction, upcoming projects, and rules of Township Campus.	Ongoing	Buildings and Grounds Manager, Supervisor
		Ensure "No Overnight Parking" signs are in place and in good condition.		
Recreation	Provide passive and active recreational opportunities when possible and appropriate such as hiking, biking, bird watching, cross country skiing, picnicking, etc.	Ongoing	Buildings and Grounds Manager	
A. Park, Mowed Lot, Footpath, Picnic Area, Sidewalks	Maintain Open Park Appearance	Remove dead and dying trees. Allow a lower stocking percentage allowing light to penetrate the ground for better turf establishment. Increase the size of the area for recreation.	Seasonally - Winter	Buildings and Grounds Manager, TWP Open Space Staff, Contractor
		While keeping in mind an open park appearance, strategically plant more diverse and native species for replacement.	As needed	Buildings and Grounds Manager, TWP Open Space Staff
	Maintain Footpath	Add screenings and roll footpath to provide a safe means of travel. Herbicide footpath edges to prevent weeds from growing into path.	As needed	Buildings and Grounds Manager
	Maintain Visitor Amenities	Sand, paint and seal picnic tables and benches as needed.	Ongoing	
	Maintain Road Frontage Appearance	Maintain sign along Winchester road.	Ongoing	
Prune trees and shrubs to allow for clear view of signage and beautify nearby landscaping.		Seasonally - Winter		
B. Township Offices and Grounds, Sidewalks, Parking Lot	Maintain Building	Maintain buildings as needed following maintenance guidelines.	Ongoing	Buildings and Grounds Manager, TWP Open Space Staff
	Maintain Landscaping	Remove dead and dying trees. If needed strategically plant more diverse and native species for replacement. Add mulch to planting beds, pull and herbicide weeds, and water plants when necessary.	Ongoing	Buildings and Grounds Manager, TWP Open Space Staff, Contractor

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
C. Parking Lot and Grounds, Sidewalks, Mowed Lot	Maintain Landscaping	Remove dead and dying trees. If needed strategically plant more diverse and native species for replacement. Add mulch to planting beds, pull and herbicide weeds, and water plants when necessary.	Ongoing	Buildings and Grounds Manager, TWP Open Space Staff, Contractor
	Maintain Lighting	Ensure parking lot lighting is functional for user safety.	Weekly	Buildings and Grounds Manager
D. Parks Building and Grounds, Parking Lot, Mowed Lot, Park, Sidewalks	Maintain Landscaping	Remove dead and dying trees. If needed strategically plant more diverse and native species for replacement. Add mulch to planting beds, pull and herbicide weeds, and water plants when necessary.	Ongoing	Buildings and Grounds Manager, TWP Open Space Staff, Contractor
	Maintain Building	Maintain buildings as needed following maintenance guidelines.	Ongoing	Buildings and Grounds Manager
		Ensure shop bay heaters annual inspection and maintenance is completed.	Annually	
		Inspect and maintain garage doors.	Annually	
		Evaluate office furnace and water heater for replacement.	Annually	
		Ensure roof annual inspection and maintenance is completed.	Annually	
	Maintain Lighting	Ensure exterior building lighting is functional for user safety.	Weekly	Buildings and Grounds Manager
		Maintain building exterior lighting.	Ongoing	
	Maintain Fencing	Inspect and repair fencing as necessary.	Annually	Buildings and Grounds Manager, Contractor
	Maintain Drainage Ways	Keep all drainage ways clear of debris and guarantee positive flow.	Monthly	
Sealcoat Parking Lot	Sealcoat in conjunction with other Township campus parking lots.	2024		

Site Management Plan

Prepared By: D. Cederberg and J. Happ

Site Name: Winchester Road (Soccer Complex)

Updated: March 2023

Map Symbol: Management Unit (List all communities under unit name)	Management Objective	Management Activity	Schedule	Key Personnel	
Entire Parcel: Sports Complex, Athletic Fields, Riparian Corridor, Wetland	Monitor	Ensure that the license agreement is being followed and board approved. Guarantee access to property (receive gate code).	Monthly	Supervisor, TWP Open Space Staff	
		Check and document boundaries and encroachments. Update encroachment inventory as needed.	Ongoing	TWP Open Space Staff	
		Develop and approve an encroachment policy.	Ongoing	TWP Open Space Staff, Supervisor, Trustees	
		Conduct regular site inspections and document current conditions in the inspection log.	Monthly	TWP Open Space Staff	
		Attend annual LTSC meetings.	Annually	Supervisor	
		Monitor and discuss long term maintenance needs and key personnel regarding Technology Way road.	As Needed	Supervisor, TWP Open Space Staff	
	Maintain	Ensure Carsonite marking posts, border signs, fencing and any other line markers are in place, in good condition, and replace/repair if needed.	Monthly	TWP Open Space Staff	
	Document	Include current and long term management direction into Township site management plans, restoration documentation, and all other pertinent information.	Photograph parcel when possible during various seasons and during different phases of a given project (usually before and after).	Ongoing	TWP Open Space Staff
			Provide information and outreach to neighboring homeowners, homeowner associations, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff, LTSC
	Communication	Provide information and outreach to neighboring homeowners, homeowner associations, and the public of management direction, upcoming projects, volunteer opportunities, and rules of Township Open Space.	Ongoing	Supervisor, TWP Open Space Staff, LTSC	
	Site Survey	Finish surveying and marking the North and West property boundaries as needed.	2025	Supervisor, TWP Open Space Staff, Contractor	

2023

Map Symbol: Management Unit	Management Objective	Management Activity	Schedule	Key Personnel
A. Soccer Complex and Athletic Fields	Monitor	Review and evaluate license documentation (expires 2043).	As Needed	Supervisor
		Conduct regular site visits.	Monthly	TWP Open Space Staff
		Monitor drainage ways, SE corner berm drainage, drainage from artificial turf field, and detention areas especially after rain events. Photo document conditions.	As Needed	TWP Open Space Staff
B. Riparian Corridor, Wetland	Restore	Seek and apply for restoration grants targeting wetland and riparian areas (WMB, 319).	Ongoing	Supervisor, TWP Open Space Staff
		Conduct a large scale herbicide application targeting phragmites	2023/ As Conditions Allow	Supervisor, TWP Open Space Staff, Contractor