



# Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

## Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

### for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

*This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.*

Report Period: From March, 2021 To March, 2022

Permit No. ILR40 \_\_\_\_\_

#### MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: Rockford Township Mailing Address 1: 404 N. Springfield Ave  
Mailing Address 2: \_\_\_\_\_ County: Winnebago  
City: Rockford State: IL Zip: 61101 Telephone: 815-962-7313  
Contact Person: Barry Palm Email Address: Barrypalm@rockfordtownshipil.gov  
(Person responsible for Annual Report)

#### Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Rockford Township

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- |                                              |                          |                                           |                          |
|----------------------------------------------|--------------------------|-------------------------------------------|--------------------------|
| 1. Public Education and Outreach             | <input type="checkbox"/> | 4. Construction Site Runoff Control       | <input type="checkbox"/> |
| 2. Public Participation/Involvement          | <input type="checkbox"/> | 5. Post-Construction Runoff Control       | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

- B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.
- C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.
- D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle ( including an implementation schedule.)
- E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).
- F. Attach a list of construction projects that your entity has paid for during the reporting period.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

Barry J. Palm  
Owner Signature:  
Barry J. Palm  
Printed Name:

6/1/2021  
Date:  
Deputy Highway Commissioner  
Title:

EMAIL COMPLETED FORM TO: [epa.ms4annualinsp@illinois.gov](mailto:epa.ms4annualinsp@illinois.gov)

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
WATER POLLUTION CONTROL  
COMPLIANCE ASSURANCE SECTION #19  
1021 NORTH GRAND AVENUE EAST  
POST OFFICE BOX 19276  
SPRINGFIELD, ILLINOIS 62794-9276

**Rockford Township Highway --- March 2021**  
**Attachment to the IEPA Annual Facility Inspection Report**  
**for the**  
**NPDES Permit for Storm Water Discharges from MS4s**  
**Permit No. ILR40-0118**  
**Report Period: March 2021 – March 2022**

**Part I**

No change

**Part II**

**A. Public Education and Outreach**

- 1.) **Incorporating educational articles and materials at both the office and on the website.**
- 2.) Continue working with Township web site director to add annual facility inspection report to website and provide link to Winnebago County stormwater management website.
- 3.) Continue relations with Winnebago County soil and water to provide brochures and information to the public

**B. Public Participation / Involvement**

- 1.) Planned yearly meeting to discuss any storm water issues in the Township.
- 2.) Involved with South Fork Kent Creek committee.
- 3.) Make public the Township is available for any volunteer education or speaking.
- 4.) Meet with Winnebago County regularly on planning and implementing our storm water system, BMP plan.

**C. Illicit Discharge Detection and Elimination**

- 1.) Continued discussion with Winnebago County to help fund interns to update storm water maps.
- 2.) Train and implement visual dry weather screening of all out flows. Document findings.
- 3.) Actively involved in making improvements in drainage basin to increase the ability to assess impact areas.
- 4.) Address and document plan for water quality monitoring.
- 5.) Work with the City of Rockford and the County to identify areas of collaborative watersheds for quality monitoring.
- 6.) In cooperation with Winnebago County review and enforce Winnebago County's Surface Water Management Ordinance.

**D. Construction Site Runoff**

- 1.) Rockford Township has made an agreement with Winnebago County to review and field inspect all construction site, runoff control, and requirements in Winnebago County Surface Water Management Ordinance.

- 2.) Inspect and ensure all developments in Rockford Township follow NPDES guidelines and receive all necessary documents prior to approval.
- 3.) Enforce erosion and sediment control ordinances.

**E. Post-Construction Runoff Control**

- 1.) Rockford Township following Winnebago County's Surface Water Management Ordinance encourages developments that incorporate post construction runoff quality controls which benefit water quality and prevents creation of any surface water nuisances, hazards, or contamination of ground water.

**F. Pollution Prevention / Good Housekeeping**

- 1.) Continuous training in the proper technique of applying and disposing of chemical and salt alternatives for all employees
- 2.) Spring street sweeping of all streets with curb and gutter.
- 3.) Fall leaf sweeping and inlet cleaning.
- 4.) Employee training on proper road de-icing.
- 5.) Employee training on proper way to repair and seed draining areas.
- 6.) Start documenting all training.

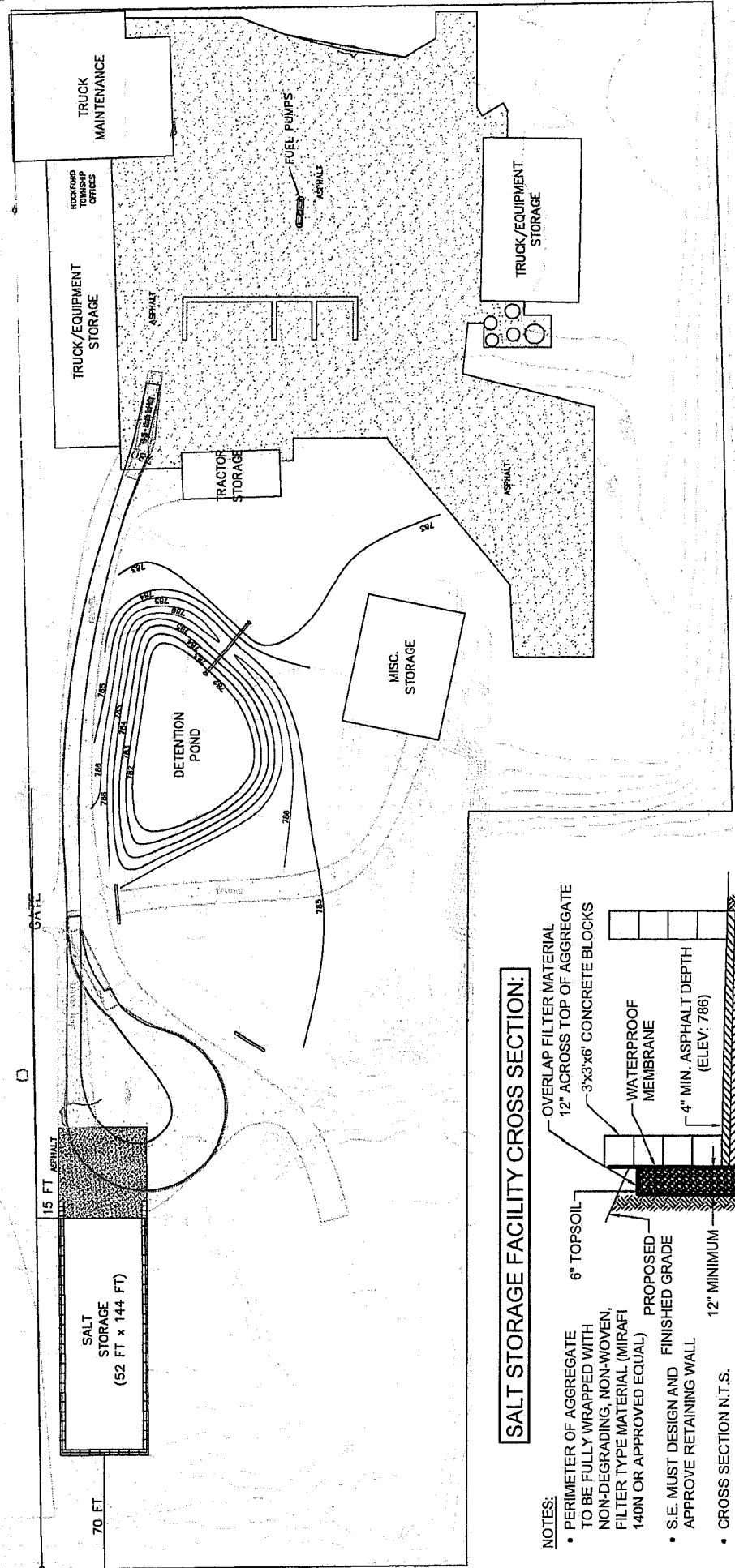
**G. Storm Water Activities Conducted March 2021 – March 2022**

- 1.) Replaced culvert pipe east side of Carbaugh and cleaned draining ditch going north.
- 2.) In cooperation with Winnebago County, minor sod repaired at retention pond north of Plaza Road in Cherry North subdivision.
- 3.) Replaced cross culverts and rebuilt end walls Carlisle.
- 4.) Reshaped and seeded from detention pond to Radnor Dr. on Chesterfield.
- 5.) Planned repaired for end walls on cross culvert on Centerville Road.
- 6.) Replaced cross culverts and drainage repair on Columbine Dr.
- 7.) Replaced culvert and ditched 2661 Teton.
- 8.) Planned repaired outlet into Madigan Creek at 7395 Montmorency.
- 9.) Replaced culvert and ditched 3251 Summerwind Dr.
- 10.) Replaced cross culvert and ditched on Liberty at Carbaugh.
- 11.) Replaced culvert 1614 Charlotte.
- 12.) Replaced culvert 3022 Summerwind.
- 13.) Planned drainage repair Bond Ave..
- 14.) Repair with rip rap ditch on Fitzgerald leading into creek.
- 15.) Planned repair of separated concrete tube running under Windflower.
- 16.) Ditch work and open culvert on Carbaugh Avenue, quarter mile.
- 17.) Drainage work and monitoring of Lakeside Dr..
- 18.) Ditch and drainage repair Bond Ave..
- 19.) Prepped outlet repair into Madigan Creek off Montmorency Drive.
- 20.) Planned drainage repair 5230 Guilford Road.
- 21.) Storm drain repair Julia Lane.
- 22.) Inlet cleaning on Cerasus Dr..
- 23.) Inspect, clean, and repair inlets Guilford Country Club Estates.

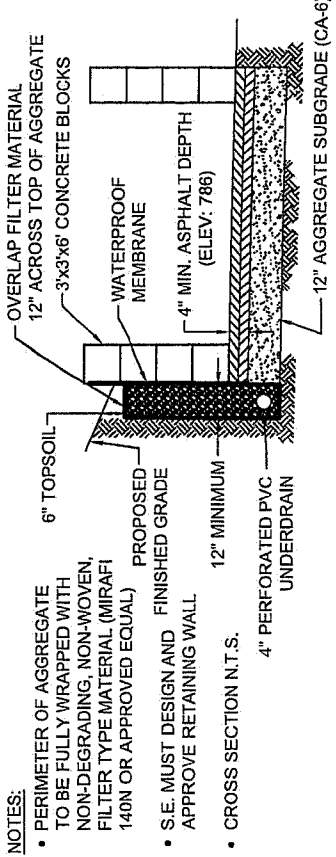
**H. Construction Projects**

- 1.) Create retention basins **for west side of property.**
- 2.) In cooperation with Winnebago County work towards obtaining a grant to repair Madigan Creek.

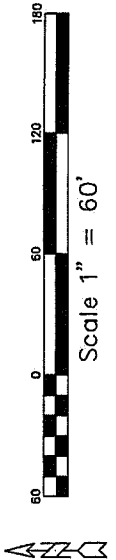
WINNEBAGO COUNTY HIGHWAY DEPARTMENT  
 ADMINISTRATION OFFICES & OPERATIONS BUILDINGS



**SALT STORAGE FACILITY CROSS SECTION:**



- NOTES:**
- PERIMETER OF AGGREGATE TO BE FULLY WRAPPED WITH NON-DEGRADING, NON-WOVEN, FILTER TYPE MATERIAL (MIRAFI 140N OR APPROVED EQUAL)
  - S.E. MUST DESIGN AND APPROVE RETAINING WALL
  - CROSS SECTION N.T.S.



**DETENTION REQUIREMENTS:**

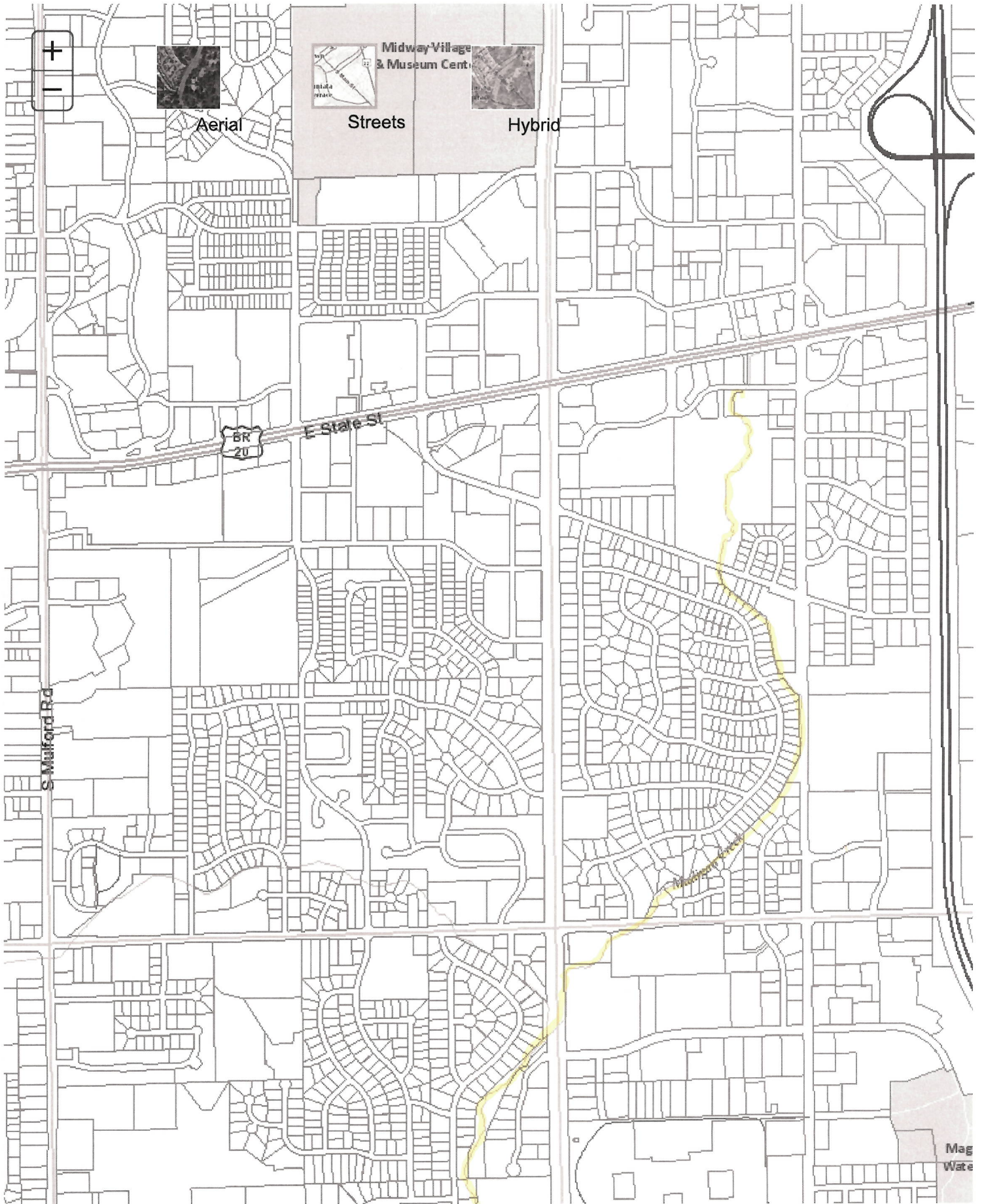
AREA TRIBUTARY TO DETENTION BASIN = 3.35 AC. (146,023 S.F.)  
 PERVIOUS AREA = 2.73 AC. (RUNOFF COEFFICIENT = 0.50)  
 IMPERVIOUS AREA = 0.62 AC. (RUNOFF COEFFICIENT = 0.95)  
 COMPOSITE RUNOFF COEFFICIENT = 0.58 H.W.L. = 785.00

REQUIRED RELEASE RATE = 0.2 CFS/AC  
 PROVIDED RELEASE RATE = 0.2 CFS \* 3.35 = 0.67 CFS  
 REQUIRED DETENTION VOLUME = 0.60 AC-FT (25,989 CF)  
 PROVIDED DETENTION VOLUME = 0.62 AC-FT (26,900 CF)

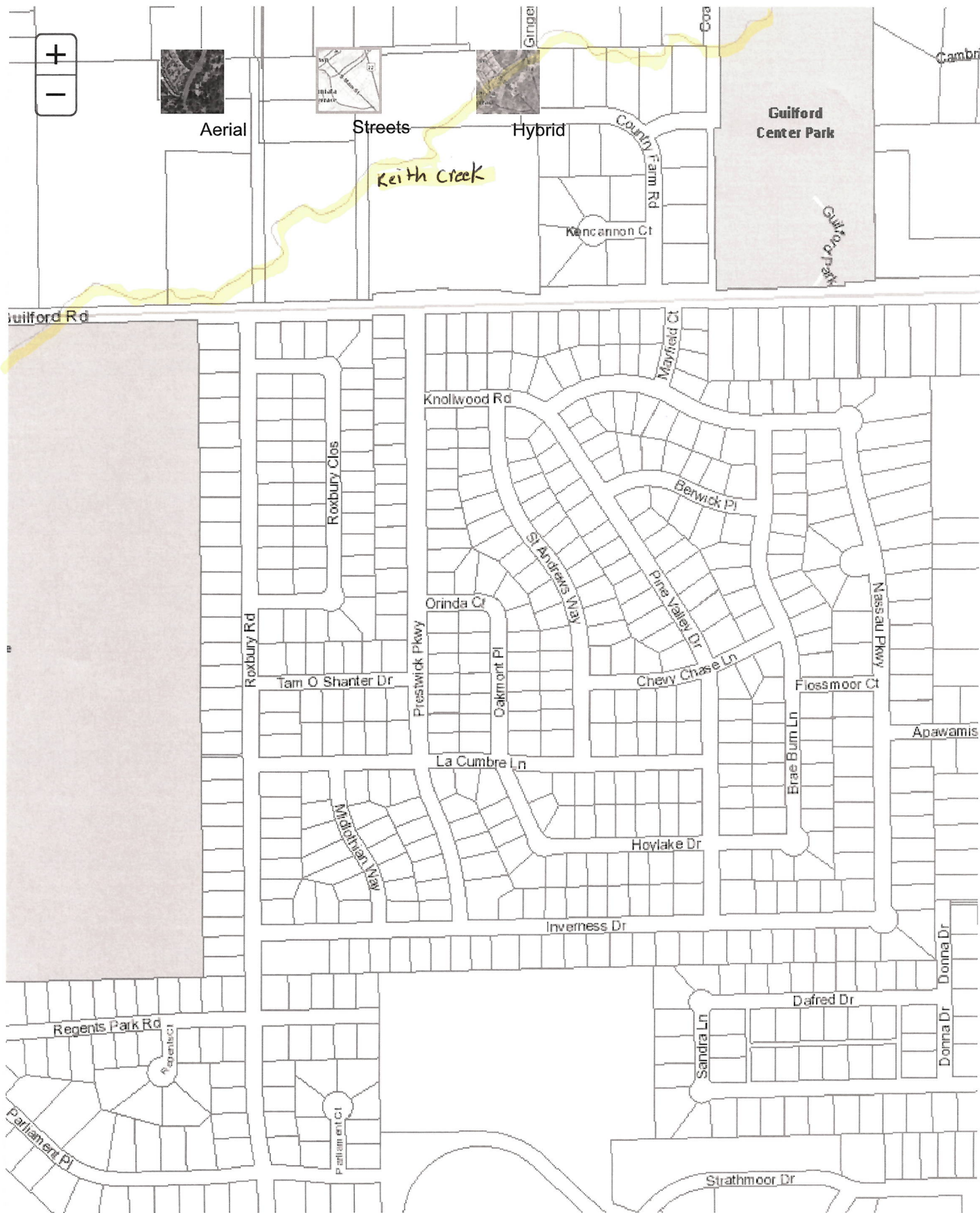
madigan creek















ADDRESS	RESIDENT	SIZE	COMPLETED	NOTES
Plaza at Cherry North		42" x 29" x 40'	8/27/2020	Replace 2 cross culverts under Plaza
Clockview at Cherry North		42" x 29" x 50'	8/27/2020	Replace cross culvert under Clockview
1404 Turnbull	John Johnson 519-7821		8/7/2020	Add large stone under last section of pipe in back yard at creek - wait for ground to freeze
Centerville				Bottom shot Concrete
Friday Rd		15"	7/24/2020	Replace tube 15 or 18 inch tube
Day & Parkside				end of tube bent
Carlisle/Chesterfield		2-48' 35"x 24"	5/12/2021	
Columbine @ Pinedrop		38' x 15"	4/30/2021	
2661 Teton		15" x 22'	5/18/2021	drop tube lower
Windgate @ Simpson		48' x 15"	6/14/2020	
7395 Montmorency	Larry 218-1526			Repair end section into madigan Creek
Aura @ Laural Cherry		15" x 42'	7/30/2020	
3251 Summerwind		15" x 24'	5/4/2021	
1614 Charlotte		12" x 20'	4/29/2021	drive
Liberty @ Carabaugh		15 x 36'	4/9/2021	
carabaugh		12 x 20'	4/8/2021	drive
Carabaugh	Tina	12 x 20'	4/8/2021	drive
3022 Summerwind	Bill 779-500-4720	15x24	5/20/2021	Drive
canter circle	jack heiman 262- 8345	15x22		drive

ADDRESS	RESIDENT	COMPLETED	NOTES
4418 Compton	Don Jarvis 980-4902		Ditching and birming
Halsted/Hazel			Ditch from Cross cmp on Halsted to cross cmp on Hazel
5252 Tipple	Pat Baxter 621-6340		Finish and ditch farther to west
2908 Sierra			Ditch east of driveway to ditch going north (she will ditch on her property)
Maiposa			Ditch from Eleana to Dierks on the east side
St Malo	Kathy Berkshire 975-0158		Ditch St Malo from Lemans to cross culvert on the south side
118 Garver	Steve Laube 871-2361		Minor ditch from garage south to intake
5230 Guilford	Terry Clinton 904-3300		Ditch from drive culvert to drive culvert - need backhoe
Nina Terr/Memorial			Open up ditch to expose culvert under Nina Terr
1615 Charlotte	Sandy Piper 397-8103		Remove hump in ditch to drain
5606 Grover	Mike Renton 962-4067		add stone to east side drive and cut down west Ditch Grover/Orchard curve
1820 Hawthorne Dr	Jay Johnson		Clean ditch and tube Skid loader
1941 Hawthorne Dr			Clean tube that crosses under Hawthorne Skid loader .....shovels
Vinton/Penn	Tom 608-576-1929	12/4/2020	water on road, low spot causing problem with 2915 Vinton
773 White Swan Ln	Vintent 668-2011		minor ditch work and wash rock
Rote Road	Fred 494-5907		North side(City) South side from Township/City line to first house
Ketchum	Mike Burkard 601-3335		ditch along north side ????????
3938 St Malo	Laurie 980-5009		Clean ditch south of drive Water should flow between houses
5890 Porter	Rita 968-7795		Clean out on south side of tube we replaced to get water to flow straighter down yard
8638 Rote			
6909 Canter Ct	Jack Heiman		Small amount of ditching
2088 Havaview	Jerry Kudzma 962-4640		removed bricks and ties 12/9/2020 Check ditch in spring
8638 Rote Rd	Melissa Hughes		survey to see if a tube can be put in drive....not ergent...told her not this yr
6150 Iorilyn Ln			slight ditching
6950 Farwood	Cecil 262-2647 Susan 262-6900		slight ditching ??
695 Homestead	James Reynolds 968-9498		slight ditching
3956 Lakeside			Slight ditchin might have to lower tube