Georgetown Charter Township

1515 Baldwin St., Jenison, MI 49428

Mining Board Meeting Agenda

August 19, 2020, after the Planning Commission meeting

1. NOTICE OF PUBLIC MEETING GEORGETOWN TOWNSHIP 1515 Baldwin Street Jenison, Michigan

   Notice is Hereby Given, that in accordance with Act 184 of Public Act of 1943, as amended, the Georgetown Township Mineral Mining Board will hold a public meeting on Wednesday, August 19, 2020, after the Planning Commission meeting which starts at 7:00 p.m., or after, at the Georgetown Township Office, 1515 Baldwin Street, Jenison, Michigan, for consideration of applications for mineral mining license renewals for:

   (ML2002) Renewal of (ML1502) – Ottawa County Road Commission

   (ML2003) Renewal of (ML1504) – Huizinga Gravel

   And any other business that would come before the board. Written comments will be received at the Township Office during regular office hours prior to the date of the hearing.

   Richard VanderKlok, Clerk
   Georgetown Charter Township

   Posted: 4:00 p.m., Thursday, July 23, 2020

2. Call To Order
3. Roll Call
4. Approval Of The Agenda
5. Approval Of The Minutes Of The Previous Meeting
6. Bend In The River Plan Information

   Documents:

   2010 BEND AREA FINAL REPORT REDUCED1.PDF
   BEND AREA POTENTIAL ACQUISITIONS 8.5 X 11.PDF
   HUIZENGA PROPOSED PURCHASE.PDF
   CONCEPTUAL PLAN.PDF

7. (ML2002) Renewal (ML1502) Ottawa County Road Commission - 1551 Taylor St.

7.I. (ML2002) Ottawa County Road Commission Staff Report

Documents:

(ML2002) OTTAWA COUNTY ROAD COMMISSION STAFF REPORT.PDF

8. (ML2003) Renewal (ML1504) Huizinga Gravel - 1861 Fillmore

8.I. (ML2003) Huizinga Gravel Staff Report

Documents:

(ML2003) HUIZINGA STAFF REPORT.PDF

9. Communications, Letters And Reports

10. Public Comments

11. Other Business

11.I. Note: The Boynton Mining License Has Expired; However, No More Mining Is Taking Place, The Land Has Been Reclaimed And Turned Over To The Ottawa County Parks.

11.II. 2019-2020 Inspections

Documents:

2019 INSPECTIONS.PDF

12. Adjournment

Bend Area Mining Site
Master Plan Report

2010

Prepared by:

BAUER-FORD RECLAMATION
Division of Landscape Architects & Planners, Inc.

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Acknowledgements

Bauer-Ford Reclamation (BFR) would like to acknowledge the following for their support and contributions to the 2009 Bend Area Mining Site Master Plan Report:

- Ottawa County Parks and Recreation Commission
- Ottawa County Road Commission
- Grand Rapids Gravel Company
- DeWent Gravel Company
- Huizenga Gravel Company

Introduction

The Bend Area mining site is located in Georgetown Township, Ottawa County, MI. The site continues to be mined for sand and gravel. The proposed park site is still owned by multiple property owners including: Huizenga Gravel Company, Nate Boyton, Grand Rapids Gravel Company (GRG), DeWent Gravel and the Ottawa County Road Commission (OCRC). The many stakeholders involved in this project continues to create challenges that will need to be overcome to achieve the vision of a cohesive county park, outlined in the 2000 "Bend Area Master Plan" approved by Georgetown Township. Although the Parks Commission has been successful in acquiring portions of the land from Nate Boyton, negotiations need to continue between the remaining property owners and Ottawa County Parks and Recreation Commission (OCPRC) to achieve the vision outlined in the plan.

Nate Boyton sold portions of his land to the OCPRC in 2008. The north portion lies between the Grand River and the inland lake that Mr. Boyton created. In addition, roughly 40 acres west of 12th Avenue was also sold by Mr. Boyton to the OCPRC. This area was determined to be a regulated wetland by the MDEQ.

The Huizenga land (western parcel) continues to be mined; however, at a very slow pace. Recent conversations with the landowners indicated it could be many years into the future before this land will become available for purchase; although, there was some indication that a portion of the land adjacent to the Grand River might become available sooner, if a deal could be negotiated.

The DeWent property, excluding the wooded wetland forming a long, finger-shaped parcel running northwest from 12th Street, is currently being mined under an agreement with GRG. This wooded wetland was determined to be a regulated wetland, and is therefore protected by the MDEQ. GRG had projected that it would complete mining in 2010 / 2011; until the recession caused them to alter their plans and at present it might be 2012 or 2013 before mining on the DeWent property is complete.

Grand Rapids Gravel Company is also operating on land leased from the Ottawa County Road Commission in order to mine, process and haul material. It is located southwest of the DeWent property in addition to the land they occupy immediately west of the DeWent property. Numerous meetings with GRG were held during this process to discuss how the active mining operation could be used to provide a unique opportunity in creating landscape features that would add to the recreation value of the future park while at the same time allowing for mineral extraction. The proper planning and coordination with GRG could save the Ottawa County Parks and Recreation Commission substantial money and resources in reshaping this area for the creation of the Bend Area Park.

This report update details current conditions of the site (soil borings). It focuses on the DeWent / GRG and OCRC portions of the site. The DeWent / GRG operations are winding down and intentions are to exit and dismantle the operation center when finished. This area is where the more significant park components are proposed to be developed. The report includes an estimated time frame for completion of mining operations and also determines the approximate value of the reclamation. The reclamation program also provides multiple, phased development concepts for a county park in various scenarios based upon the information that has been provided to date. The reclamation program includes guidelines for reclaiming shorelines, placing topsoil and overburden, shaping sub grades for future wetlands and shaping the remaining land and slopes for future park development areas based upon the acquired property.

Existing Conditions

To evaluate the existing conditions of the mining site, BFR examined portions of the site where mining operations have been reported as complete. Chapter 26 of the Georgetown Township ordinance has provisions requiring completed mine sites to have a 3:1 slope on all excavations angling to a body of water, 5:1 slopes for the first 25' underneath the body of water and 4 inches of topsoil spread across the entire site and seeded to establish vegetation for erosion control. BFR performed depth probes (July 2009) in the east lake where mine reclamation activities were supposed to have been completed. This was done by taking depth readings 25' away from the shoreline and calculating the corresponding slope to determine if the 5:1 ordinance requirement was met. It was discovered that multiple areas of reclaimed slope were not in compliance with this ordinance nor was there 4 inches of topsoil across the site and no evidence that seed had been spread to establish vegetation on the bare soils.

BFR is concerned about these conditions especially the slopes' erosion potential due to their steepness and lack of vegetation cover, particularly on the windward side. Another concern regards safety issues related to the development potential of public trails along these shorelines if the park plan is realized. These issues need to be resolved prior to the county taking ownership of this property.

Following the visit to the Bend Area mine sites to evaluate the existing conditions, BFR developed a revised plan for the proposed county park components. It is imperative to update the 2000 master plan because much of the site has changed

due to the location of deposits, spoil site expansion and additional deposit information. The updated plan reviews the new conditions and takes them into consideration relative to reconfiguring components with the future park plan in mind.

Inventory and Analysis

To begin, an updated inventory and analysis of the site was performed. A geotechnical report was commissioned to determine the conditions of the subsoils and also the characteristics of the mineral deposit. This information was used to make general decisions regarding future building sites and road locations. It also defined areas that could continue to be mined with the potential of creating a wetland and habitat area.

Design Development

BFR developed two reclamation scenarios to demonstrate the differences between a "standard reclamation plan" (p. 9-13) and the "proposed park reclamation plan" (p. 14-21).

Standard Reclamation Plan

The Standard Reclamation Plan shows the work that needs to be performed to generate a standard reclaimed site according to Chapter 26 of the Georgetown Township Zoning Ordinance.

The Areas of Non-Compliance (p. 9) shows the existing reclaimed areas not in compliance with the Township's Zoning Ordinance. These areas will need to be addressed before mining operations cease. The Rough Grading Plan (p. 10) illustrates full excavation of all mineral deposits according to the Township Ordinance without incorporating any park elements or customized land shaping. Based on the anticipated depth of the excavated deposit under the standard reclamation plan, the seasonal fluctuations of the flood plain will cause this excavation to be partially filled with water; and, partially to completely dry during parts of the year. The depth of the water in this new excavation will be dependent on seasonal precipitation and respective flood conditions. The associated grading quantities and costs were calculated for the standard reclamation plan (p. 11) as well as topsoil and seeding quantities (p. 12). The Phasing Plan (p. 13) attempts to forecast future mining and reclamation activities for the site under this plan.

Park Development Reclamation Plan

A revised Park Master Plan was developed reflecting the existing conditions and current mining operations (p. 14) The revised master plan for the park incorporates most of the original components such as: a beach, bath house, boat launch, wetland and habitat areas, earth dams, observation blinds, and portions of the Ottawa County Regional Trail system. The active mining process provides the opportunity to create variable slopes along the banks of the excavation improving access to the wetland and habitat areas and also creating interesting topography for hiking along the wetland (p.16-17). The Park Master Plan also incorporates earth dams at the intersections of the wetland areas and the main lake to control water levels in these future wetland areas (p. 14). The Rough Grading Plan illustrates the excavation activities needed to

carry out these activities (p. 15). The associated quantities and costs for grading, topsoil and seeding in order to reclaim the site for park use were calculated and illustrated (p. 18-19). The Phasing Plan (p. 20) attempts to forecast future mining and reclamation activities for the site under this plan. In order to carry out these all of these phases, however, land acquisitions will need to take place. The Land Acquisition Map (p. 21) anticipates these acquisitions in the order shown.

The updated park plan provides multiple development options based upon different land acquisition possibilities. In concepts 1-3 we assume the acquisition of the GRG and DeWent properties by the Ottawa County Parks and Recreation Commission as envisioned in the 2000 plan. Discussions with the Ottawa County Road Commission have given the impression that it will be many years before the OCRC is willing to part with their land due to the size of the deposit and the relatively small extractions needed by the road commission and therefore OCPRC is reacting to that realization with these scenarios.

Concept 1 - shows a potential park layout if the Ottawa County Road Commission does not agree to use the majority of their land as part of the proposed park master plan in a timely fashion or not at all (p. 22). A small access easement is proposed by OCPRC to gain entry to the park site from the existing entry point off the east end of Fillmore Street. The road network extends across the entire southern edge of GRG land to access the Ottawa County park land to the east where a small parking lot is proposed.

Concept 2 - is another option if Ottawa County Road Commission does not agree to use the majority of their land as part of the proposed park plan (p. 23). This plan also calls for OCPRC to acquire a small access easement for entry off of the east end of Fillmore Street. However, the road network only services the proposed beach area and does not continue to the park land currently owned by OCPRC to the east adjacent to 12th Avenue. This property would be accessible through separate walking trails, the regional trail system, and from the small parking lot proposed off of 12th Avenue.

Concept 3 - proposes a 200' easement along the north and east edges of the Ottawa County Road Commission property for the development of a road to service the OCPRC property (p. 24). The 200' easement is of a size to help mitigate the mining operations and buffer park uses. This plan also routes the Ottawa County Regional Trail through this area which provides ample space to construct a trail system and establish vegetation.

Estimated Cost Analysis

Since GRG will complete their mining operations within the next 2-3 years and because most of the recreation components of the park are planned for the area owned by DeWent / GRG and the OCRC, we focused much of our efforts within this area. The cost estimates for each of the reclamation plans were divided between the GRG property and the OCRC property respectively. The prices for these estimates come directly from the GRG, which appear to be considerably less when compared with our estimated prices. (p. 25)

Comparing the Standard Reclamation Plan estimates with the Park Development Reclamation Plan estimates, it would be approximately twice as expensive for both GRG and OCRC to reclaim the site as a county park than it would be for them to excavate the site to its full mining potential and then reclaimed according to the Township Ordinance.

Page 25 of this report compares these estimates with an estimate for the OCPRC to reclaim the site as a county park after the GRG and OCRC mine the site to its full potential and then reclaim it according to the Township Ordinance. The prices for the PCPRC reclaimed site estimate were derived our estimated prices and are higher than the prices received from GRG. This comparison shows a cost savings for the County if they are able to retain GRG to reclaim the site as a county park.

Conclusion

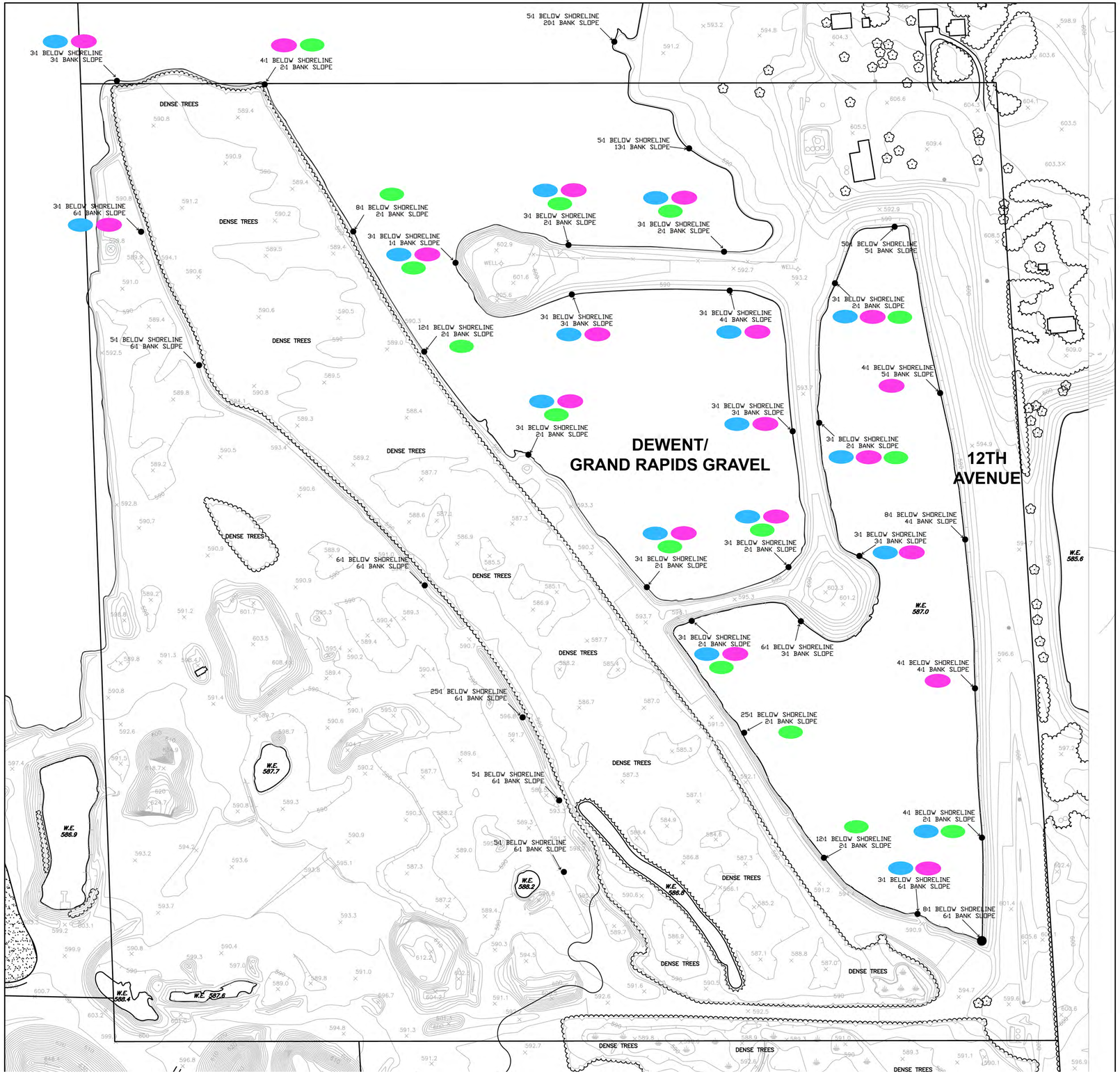
The development of the updated Bend Area Mining Site Master Plan was an effort to reflect changes relating to the mining operations and land ownership that has occurred over the past decade. The adoption of this end use plan by all land owners involved is another important step in moving forward in accomplishing the long-term goal of developing a cohesive county park. More land acquisitions are needed to implement this plan, especially the acquisition of the DeWent/Grand Rapids Gravel Company property due to their plans to complete mining activity and begin the exit strategy. This acquisition should be a high priority within the next year to realize the significant park components of this future park site.

The other high priority is mine reclamation of the site. It is important that all existing non-active areas of the mine site be reclaimed immediately to ensure proper erosion control. At a minimum, this should be done in accordance with the Georgetown Township Ordinance. It is recommended, however, that OCPRC enter into an agreement with GRG and OCRC to allow GRG to complete all reclamation activities according to this updated master plan for future park use. It is also recommended that OCPRC set desired grades according the updated master plan in order for GRG to begin these reclamation activities as soon as possible.

It is further concluded that the existing reclaimed areas of the mine site are not in compliance with the Georgetown Township Ordinance. This must be rectified immediately or consequences will be imposed upon GRG either during the final land sale or in another monetary form.

Analysis Maps

SLOPE ANALYSIS MAP



LEGEND

ABOVE WATER LINE

DOES NOT MEET ORDINANCE OR 2000 PLAN (3:1)

BELOW WATER LINE

DOES NOT MEET 2000 PLAN (3.5:1)

DOES NOT MEET ORDINANCE (5:1)

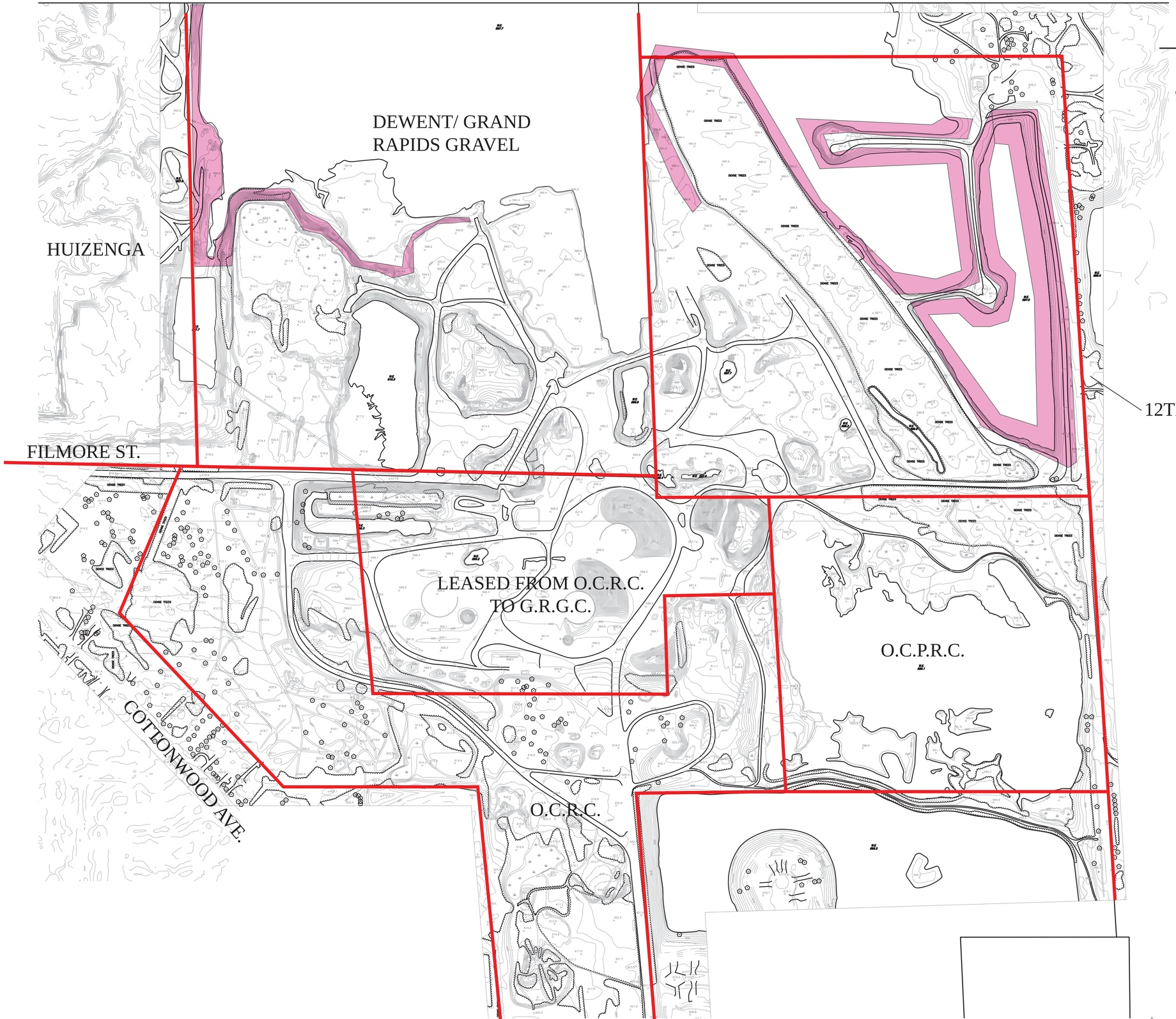
NORTH

0 100 200

SOIL BORING LOCATION ANALYSIS MAP

Standard Reclamation Plan
(Per Township Ordinance)

AREAS OF NON-COMPLIANCE



LEGEND

Property Lines

Slopes exceed Ordinace max.

Grading Quantities and Costs

Property Owner	Above NWL (cy)	Below NWL (cy)	Costs
Grand Rapids Gravel Company	8,527	5,968	$25,323.30

Above NWL = $1.50/cy
Below NWL = $2.10/cy

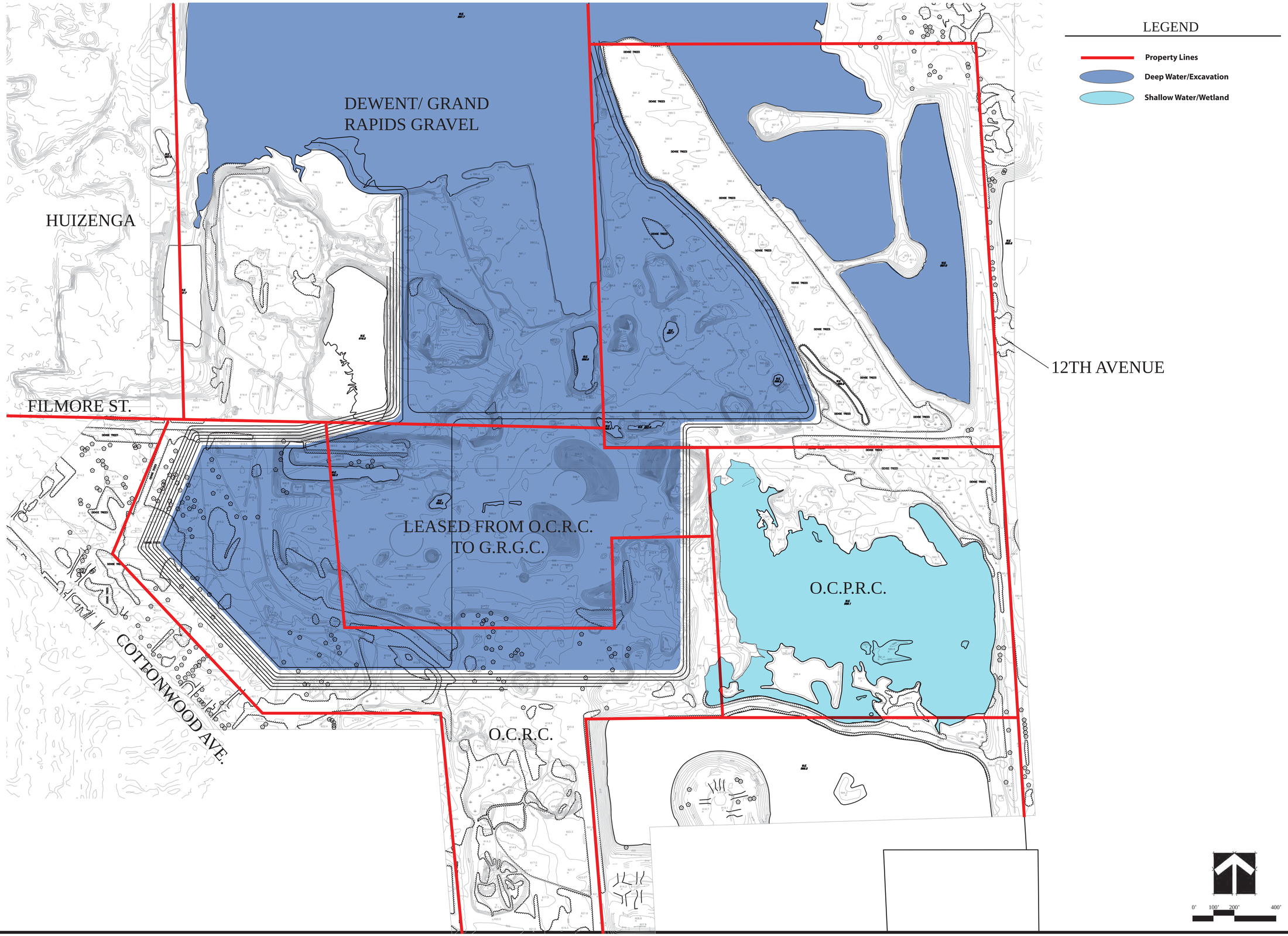
Topsoil and Seeding Quantities and Costs

Property Owner	Topsoil @ 4" depth (cy)	Seeding (acres)	Costs
Grand Rapids Gravel Company	9,490	17	$20,971.50

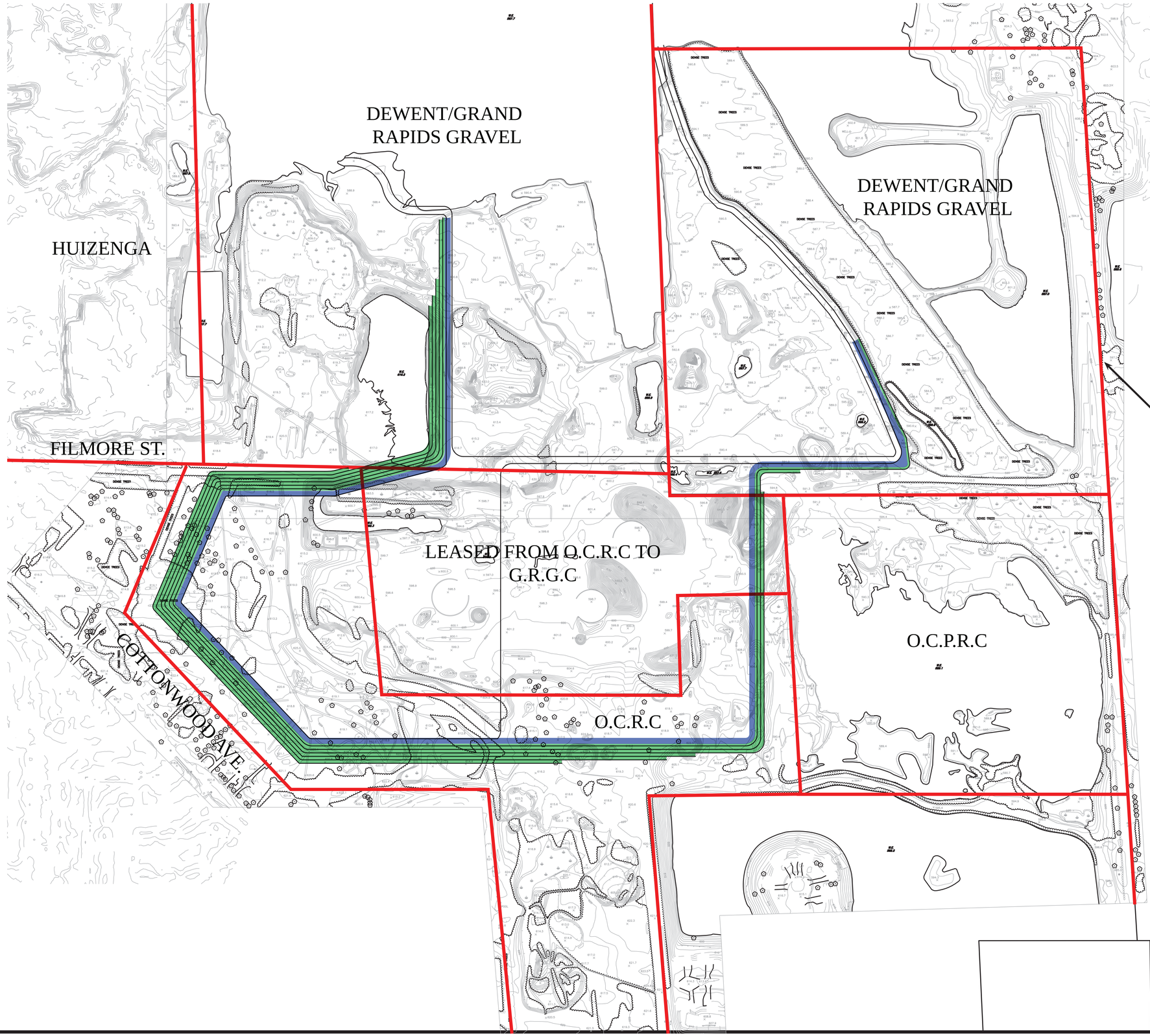
Topsoil = $1.35/cy
Seeding = $480.00/acre

0' 100' 200' 400'

ROUGH GRADING PLAN FOR REMAINDER OF SITE



GRADING QUANTITIES AND COSTS FOR REMAINDER OF SITE



LEGEND

- Property Lines
- Grading Above Normal Water Line
- Grading Below Normal Water Line

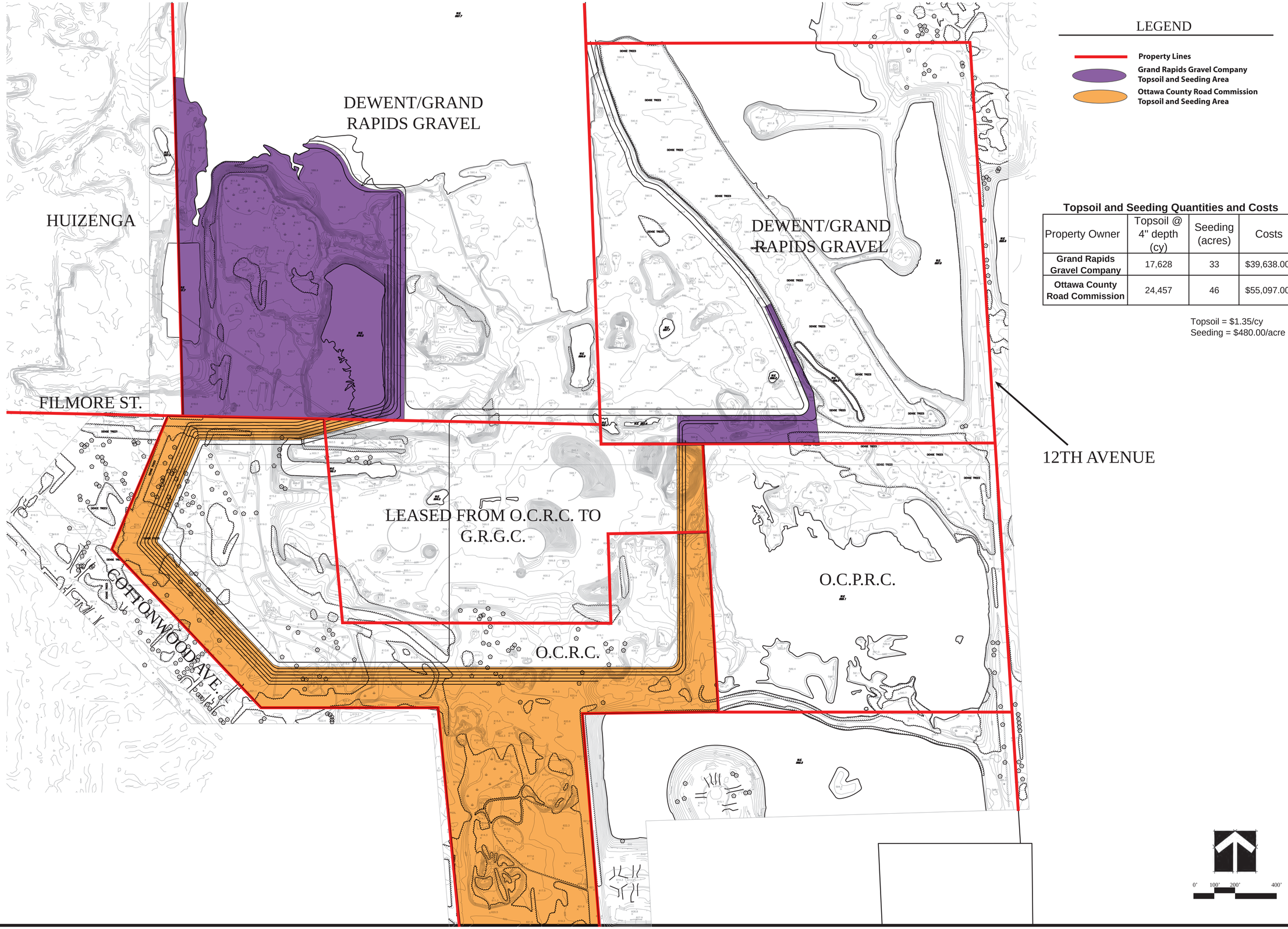
Grading Quantities and Costs

Property Owner	Above NWL (cy)	Below NWL (cy)	Costs
Grand Rapids Gravel Company	4,819	3,430	$14,430.00
Ottawa County Road Commission	20,471	7,211	$45,849.00

Above NWL = $1.50/cy
Below NWL = $2.10/cy

0' 100' 200' 400'

TOPSOIL/SEEDING QUANTITIES AND COSTS FOR REMAINDER OF SITE

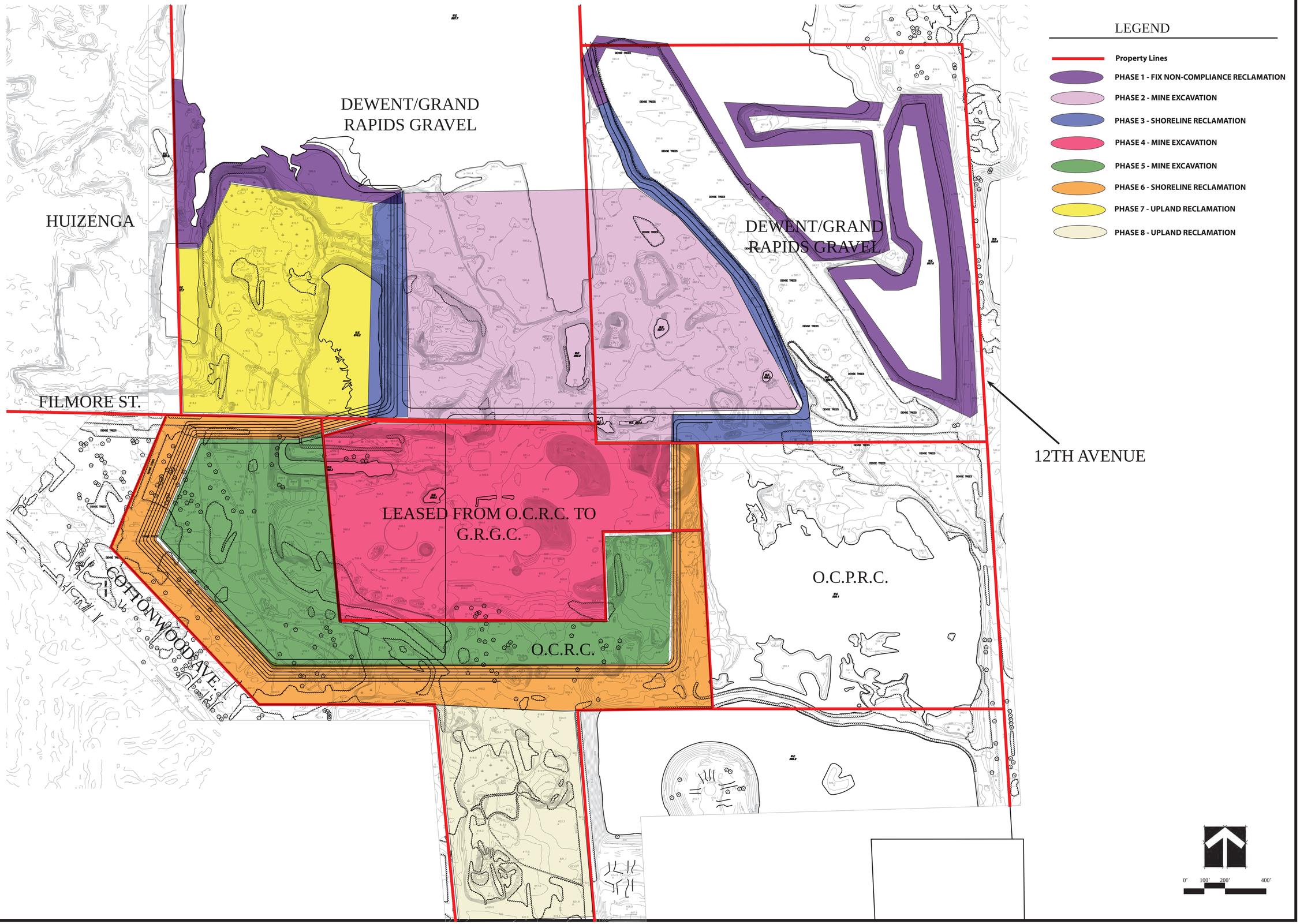


Topsoil and Seeding Quantities and Costs

Property Owner	Topsoil @ 4" depth (cy)	Seeding (acres)	Costs
Grand Rapids Gravel Company	17,628	33	$39,638.00
Ottawa County Road Commission	24,457	46	$55,097.00

Topsoil = $1.35/cy
Seeding = $480.00/acre

PHASING PLAN STANDARD RECLAMATION PLAN



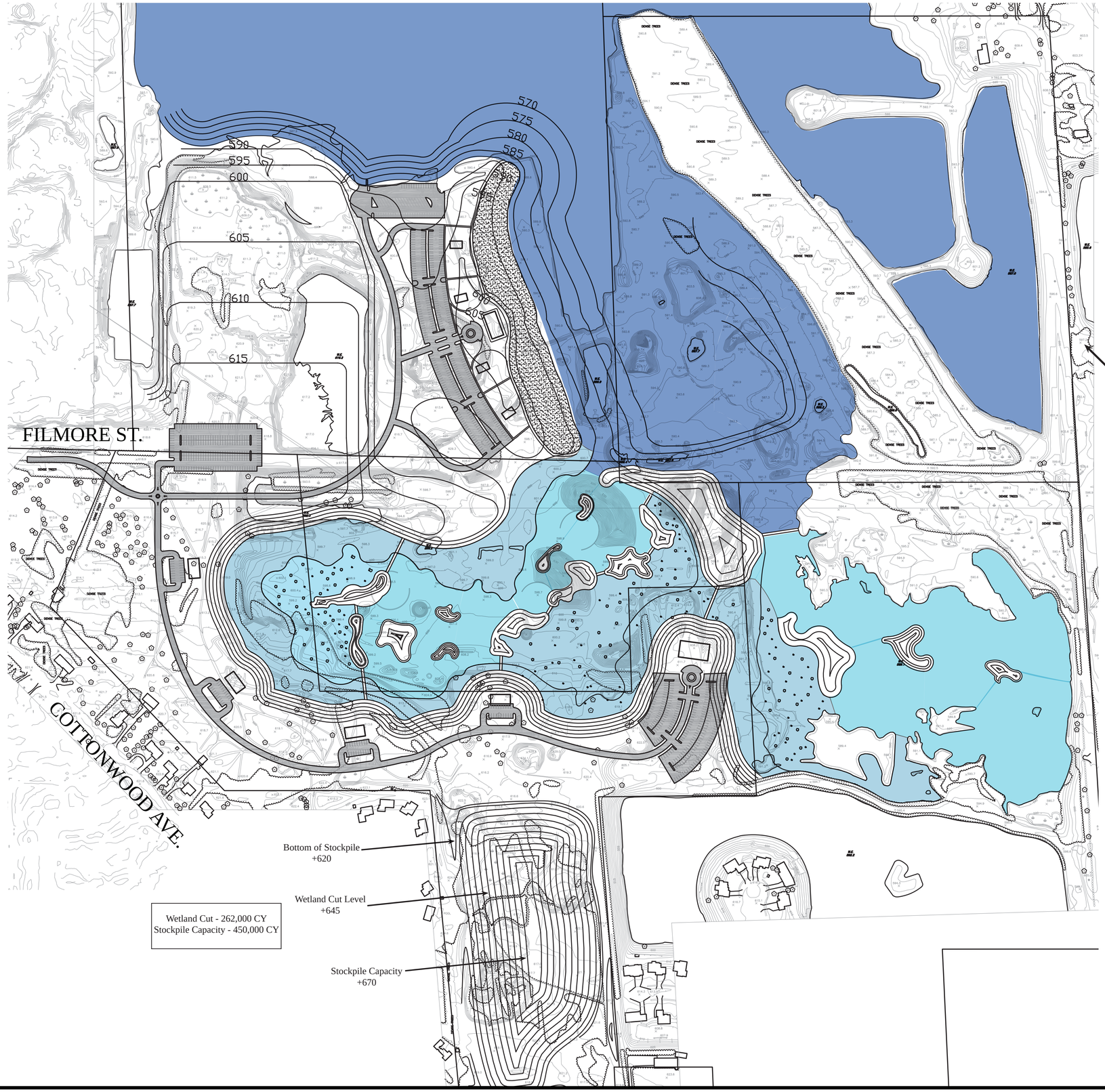
Park Development Reclamation Plan

LEGEND

- Ottawa County Trail Connection
- Interior Trail System
- Blue Trail Routes
- Wetland
- Core Wetland Habitat
- Open Water
- Interpretive Center
- Picnic Areas
- Active Recreation Area
- Beach Area/Amenities
- Vehicular Circulation
- Wildlife Observation Platforms
- Trail Crossing

0' 100' 200' 400'

ROUGH GRADING PLAN

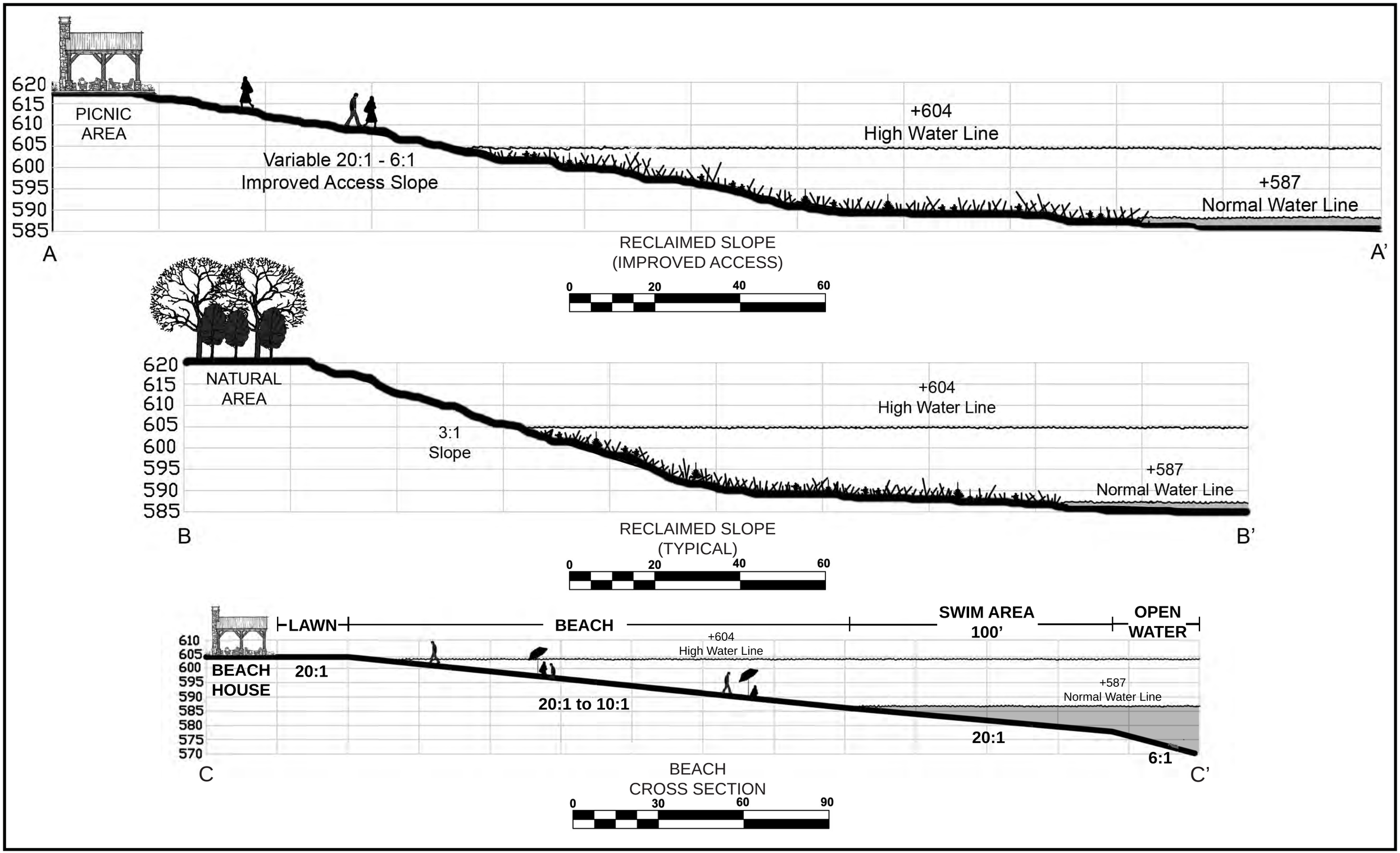


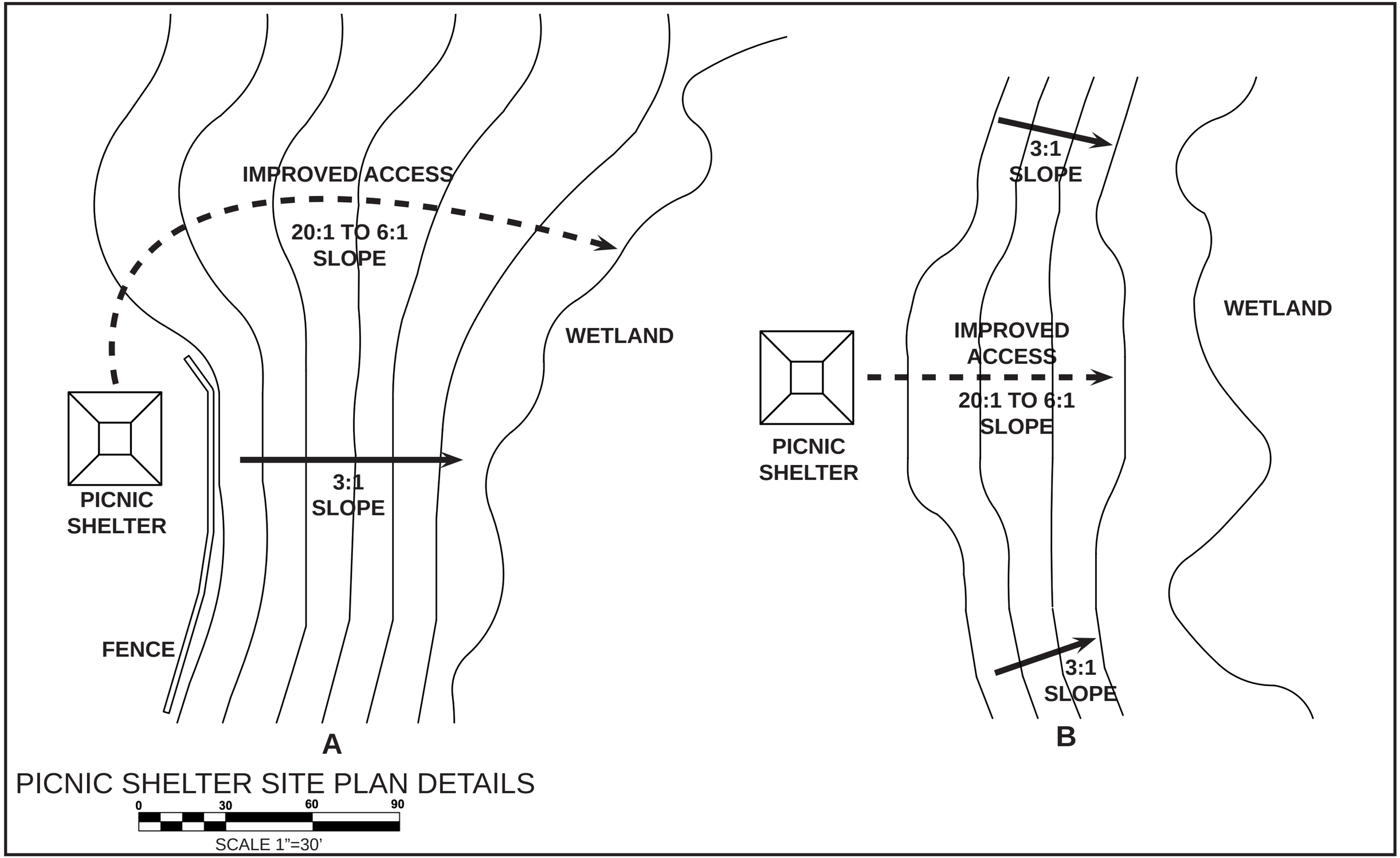
LEGEND

- Wetland
- Core Wetland Habitat
- Open Water

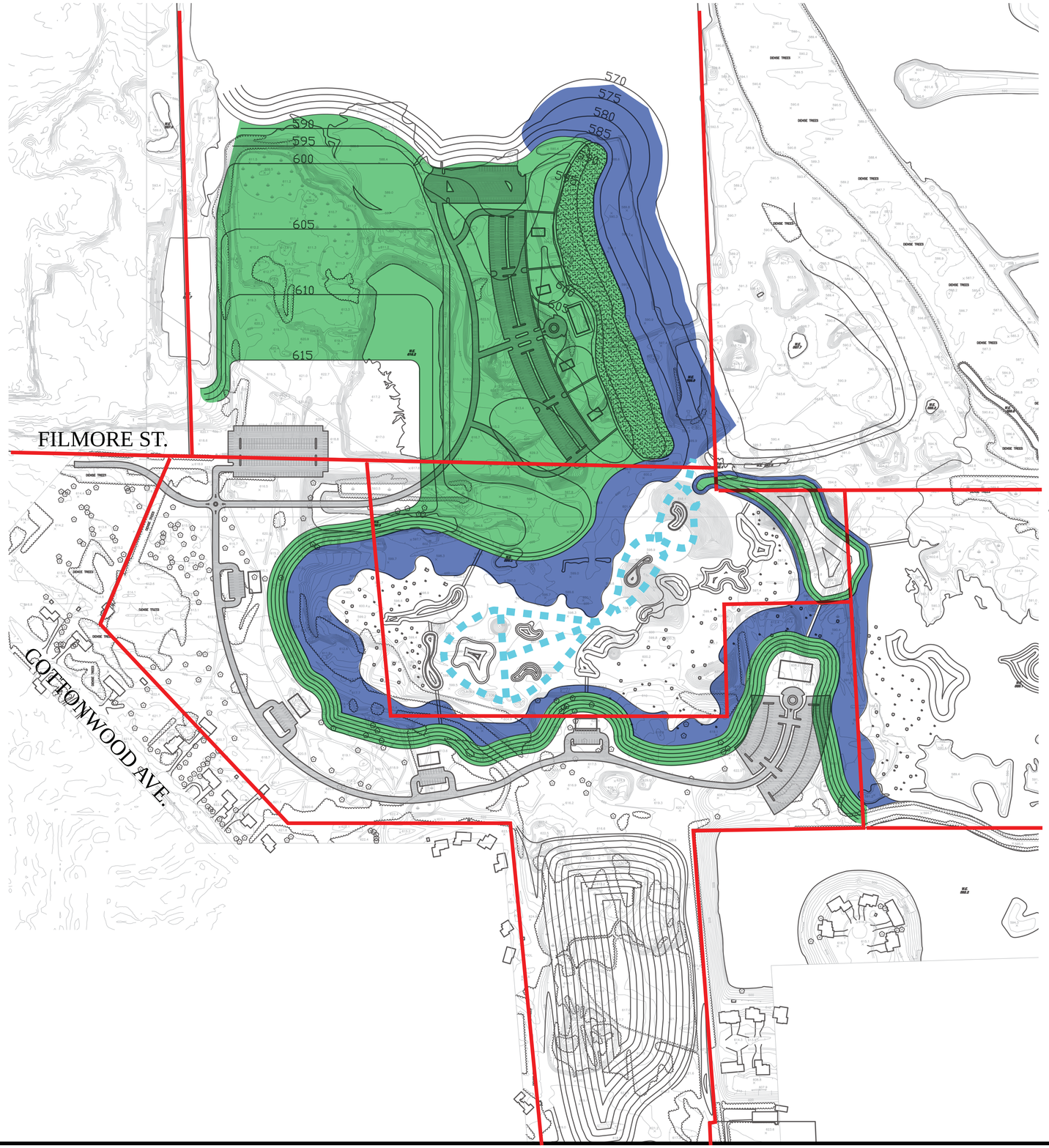
0' 100' 200' 400'

RECLAIMED SLOPE SECTIONS




IMPROVED ACCESS
20:1 TO 6:1
SLOPE
WETLAND
3:1
SLOPE
PICNIC
SHELTER
FENCE
A
3:1
SLOPE
WETLAND
IMPROVED
ACCESS
20:1 TO 6:1
SLOPE
PICNIC
SHELTER
3:1
SLOPE
B
PICNIC SHELTER SITE PLAN DETAILS
0
30
60
90
SCALE 1”=30’

GRADING QUANTITIES AND COSTS



LEGEND

- Property Lines
- Blue Trail Dredging
- Grading Above Normal Water Line
- Grading Below Normal Water Line

Grading Quantities and Costs

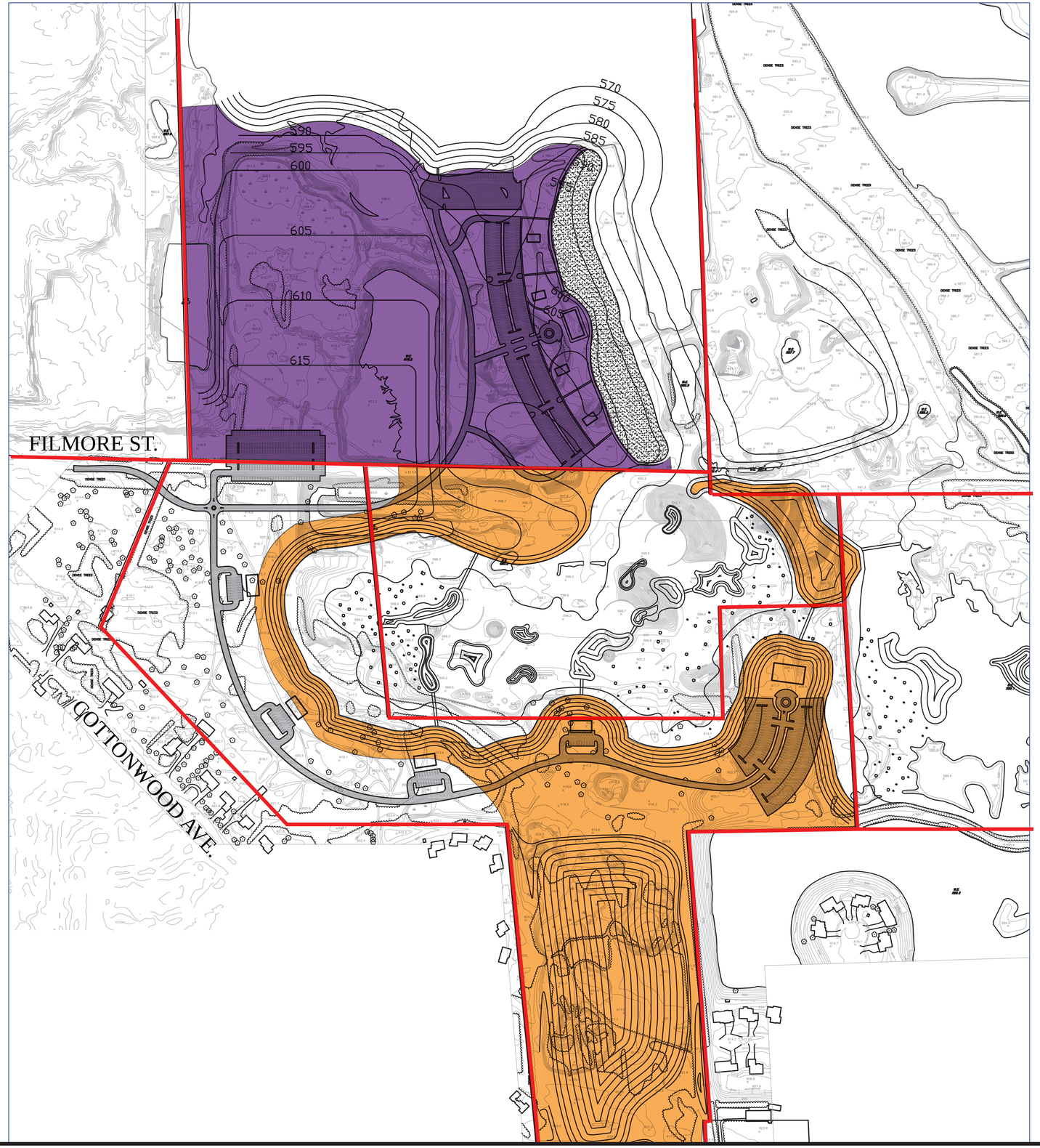
Property Owner	Above NWL (cy)	Below NWL (cy)	Costs
Grand Rapids Gravel Company	32,167	5,751	$60,327.00
Ottawa County Road Commission	31,592	30,880	$112,236.00

Above NWL = $1.50/cy
Below NWL = $2.10/cy

Ottawa County Road Commission
"Blue Trail" Dredging Costs - $37,068 ($6.00 CY)

0' 100' 200' 400'

TOPSOIL/ SEEDING QUANTITIES AND COSTS



LEGEND

- Property Lines
- Grand Rapids Gravel Company Topsoil and Seeding Area
- Ottawa County Road Commission Topsoil and Seeding Area

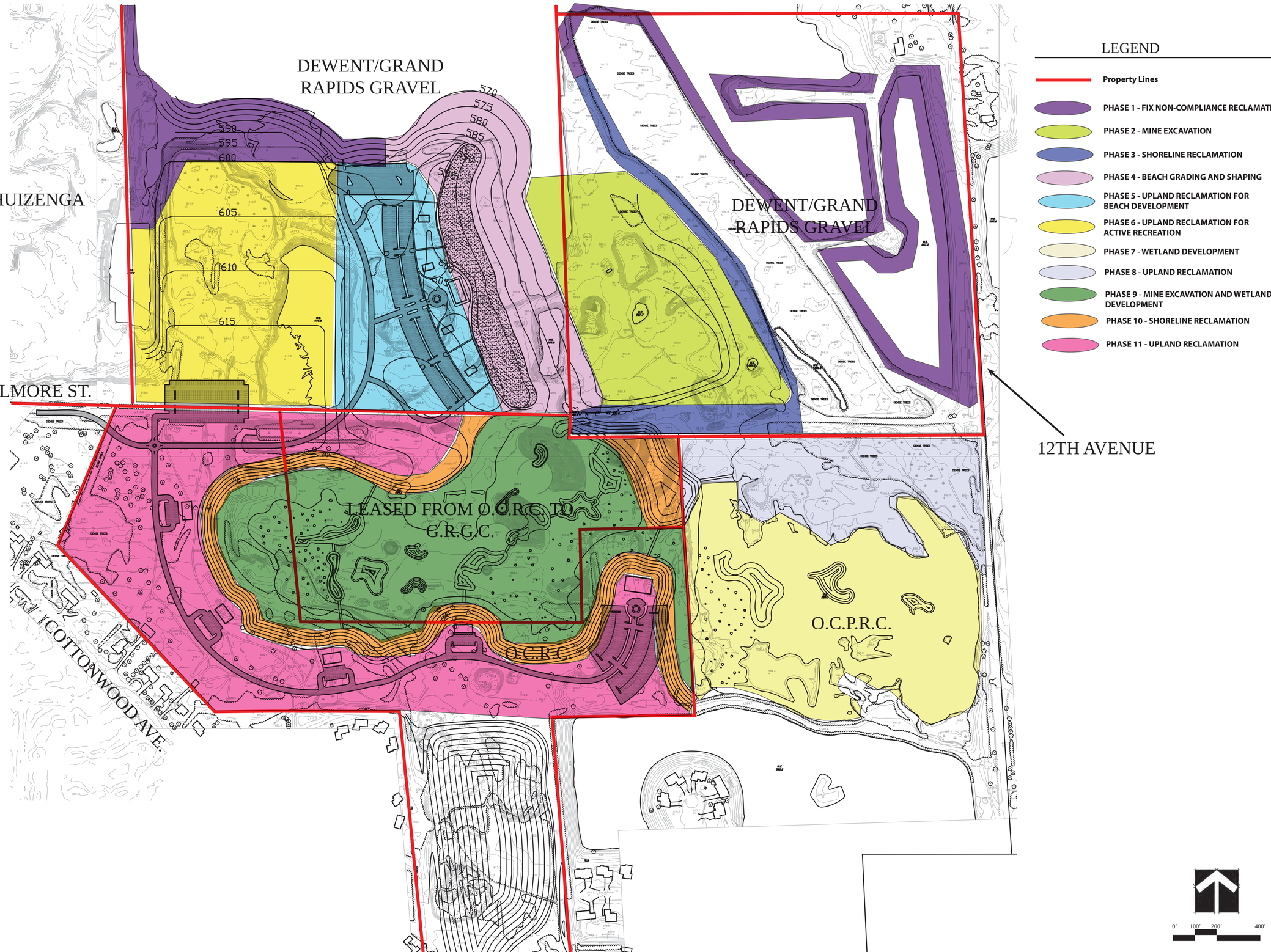
Topsoil and Seeding Quantities and Costs

Property Owner	Topsoil @ 4" depth (cy)	Seeding (acres)	Costs
Grand Rapids Gravel Company	25,686	48	$57,716.00
Ottawa County Road Commission	26,784	50	$60,158.00

Topsoil = $1.35/cy
Seeding = $480.00/acre

0' 100' 200' 400'

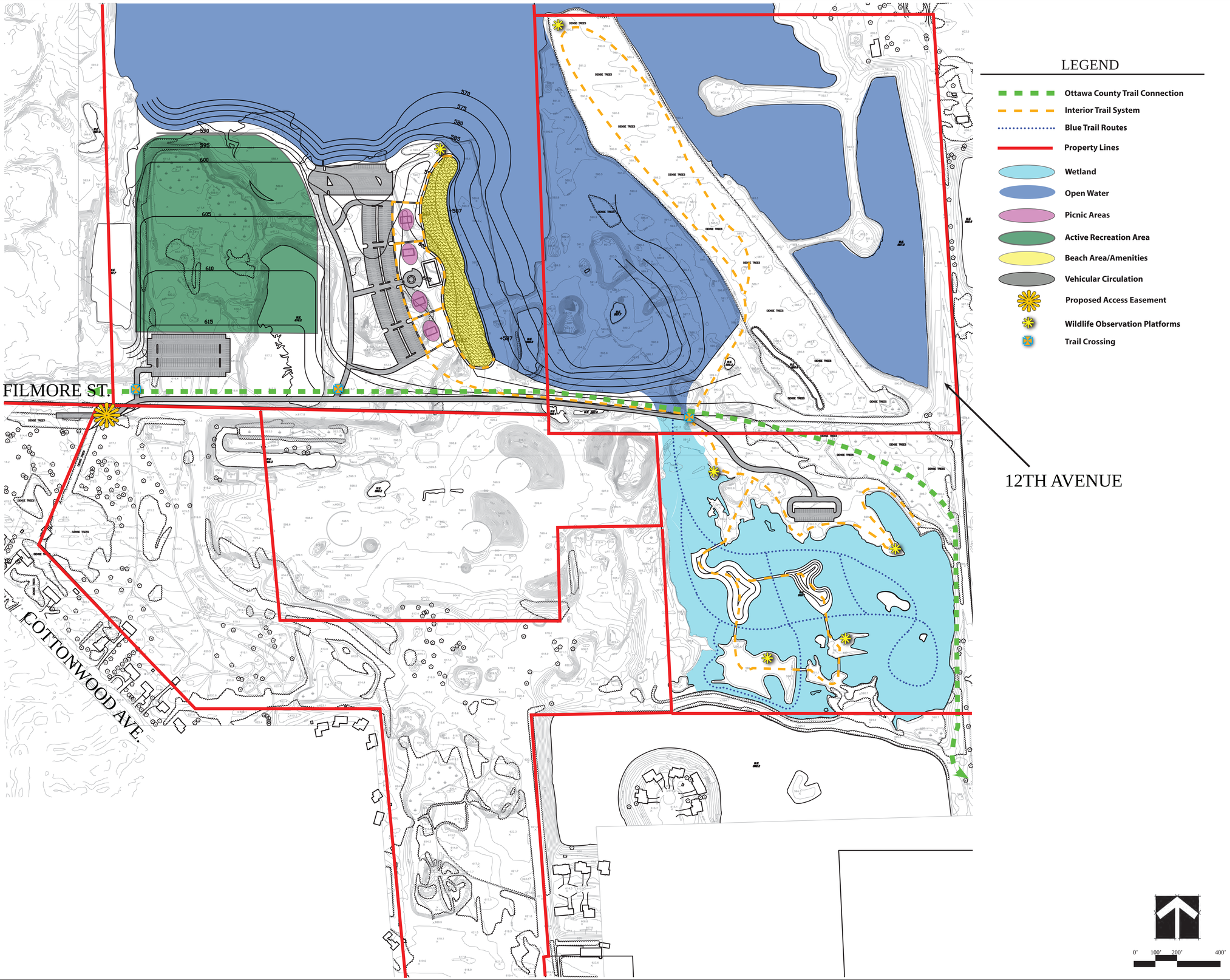
PHASING PLAN PARK DEVELOPMENT RECLAMATION PLAN



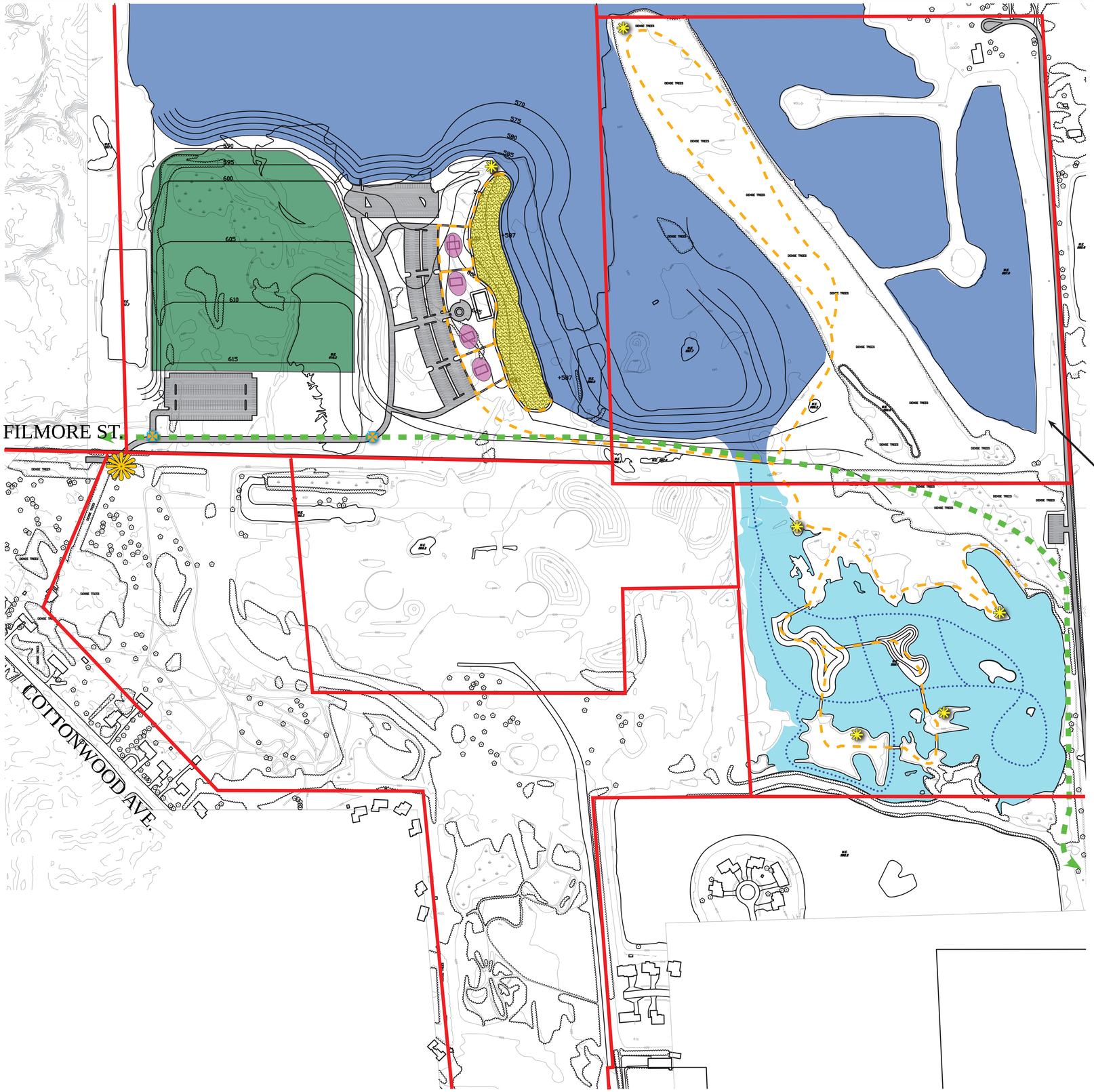
LAND ACQUISITION MAP

Alternate Development Options

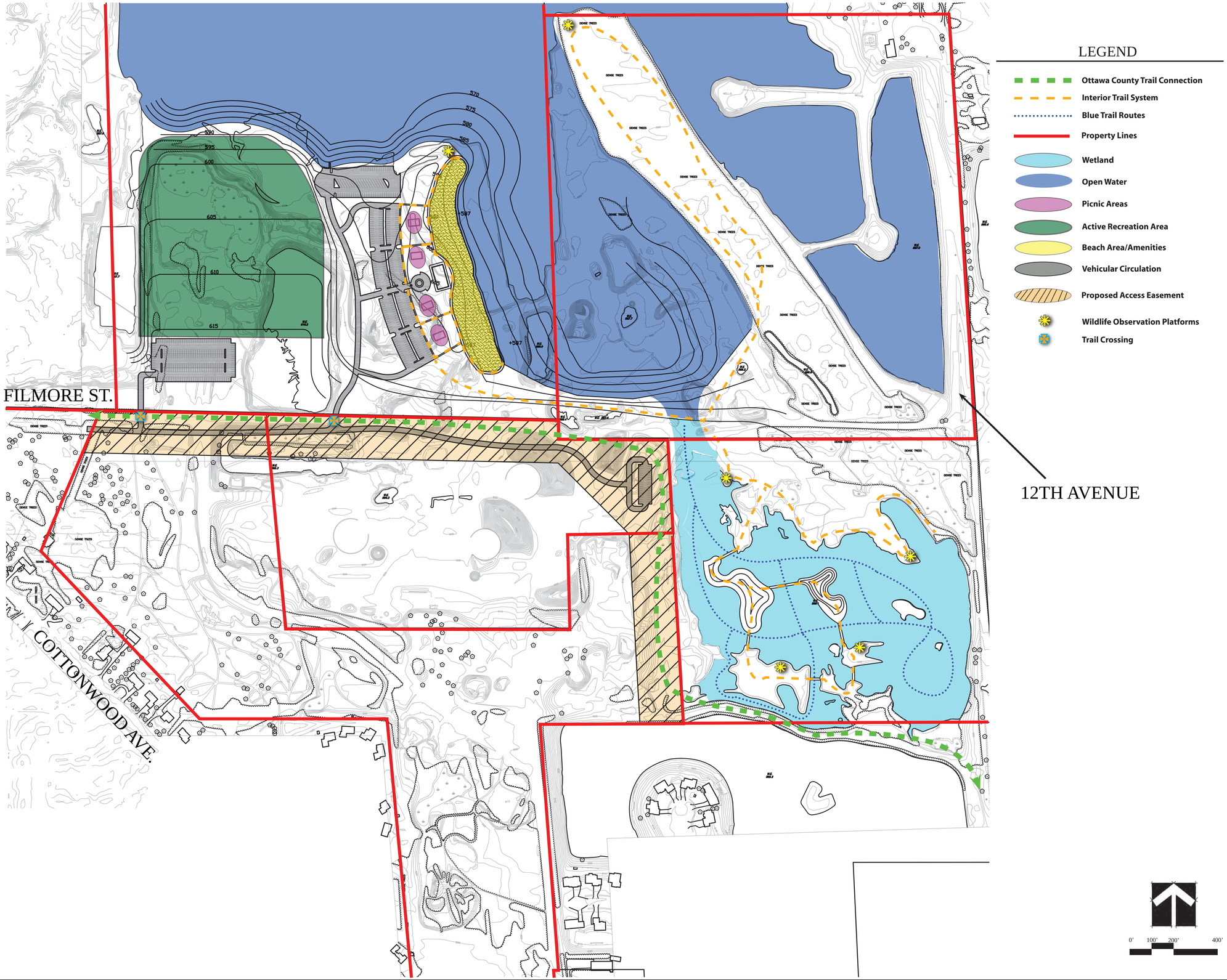
CONCEPT 1


LEGEND
Ottawa County Trail Connection
Interior Trail System
Blue Trail Routes
Property Lines
Wetland
Open Water
Picnic Areas
Active Recreation Area
Beach Area/Amenities
Vehicular Circulation
Proposed Access Easement
Wildlife Observation Platforms
Trail Crossing
FILMORE ST.
COTTONWOOD AVE.
12TH AVENUE
0' 100' 200' 400'

CONCEPT 2


FILMORE ST.
COTTONWOOD AVE.
12TH AVENUE
LEGEND
Ottawa County Trail Connection
Interior Trail System
Blue Trail Routes
Property Lines
Wetland
Open Water
Picnic Areas
Active Recreation Area
Beach Area/Amenities
Vehicular Circulation
Proposed Access Easement
Wildlife Observation Platforms
Trail Crossing
0'
100'
200'
400'

CONCEPT 3


LEGEND
Ottawa County Trail Connection
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Property Lines
Wetland
Open Water
Picnic Areas
Active Recreation Area
Beach Area/Amenities
Vehicular Circulation
Proposed Access Easement
Wildlife Observation Platforms
Trail Crossing
FILMORE ST.
12TH AVENUE
COTTONWOOD AVE.
570
575
580
585
590
595
600
605
610
615
587
0' 100' 200' 400'

Standard Reclamation Plan

GRG Prices:

Grading Quantities and Costs

Property Owner	Above NWL (cy)	Below NWL (cy)	Costs
Grand Rapids Gravel Company	4,819	3,430	$14,430.00
Ottawa County Road Commission	20,471	7,211	$45,849.00

Above NWL = $1.50/cy
Below NWL = $2.10/cy

Topsoil and Seeding Quantities and Costs

Property Owner	Topsoil @ 4" depth (cy)	Seeding (acres)	Costs
Grand Rapids Gravel Company	17,628	33	$39,638.00
Ottawa County Road Commission	24,457	46	$55,097.00

Topsoil = $1.35/cy
Seeding = $480.00/acre

BFR Estimated Prices:

Grading Quantities and Costs

Property Owner	Above NWL (cy)	Below NWL (cy)	Costs
Grand Rapids Gravel Company	4,819	3,430	$18,560.25
Ottawa County Road Commission	20,471	7,211	$62,284.50

Above NWL = $2.25/cy
Below NWL = $2.25/cy

Topsoil and Seeding Quantities and Costs

Property Owner	Topsoil @ 4" depth (cy)	Seeding (acres)	Costs
Grand Rapids Gravel Company	17,628	33	$64,413.00
Ottawa County Road Commission	24,457	46	$89,528.25

Topsoil = $2.25/cy
Seeding = $750.00/acre

Park Reclamation Plan

GRG Prices:

Grading Quantities and Costs

Property Owner	Above NWL (cy)	Below NWL (cy)	Costs
Grand Rapids Gravel Company	32,167	5,751	$60,327.00
Ottawa County Road Commission	31,592	30,880	$112,236.00

Above NWL = $1.50/cy
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Topsoil and Seeding Quantities and Costs

Property Owner	Topsoil @ 4" depth (cy)	Seeding (acres)	Costs
Grand Rapids Gravel Company	25,686	48	$57,716.00
Ottawa County Road Commission	26,784	50	$60,158.00

Topsoil = $1.35/cy
Seeding = $480.00/acre

BFR Estimated Prices:

Grading Quantities and Costs

Property Owner	Above NWL (cy)	Below NWL (cy)	Costs
Grand Rapids Gravel Company	32,167	5,751	$85,315.50
Ottawa County Road Commission	31,592	30,880	$140,562.00

Above NWL = $2.25/cy
Below NWL = $2.25/cy

Topsoil and Seeding Quantities and Costs

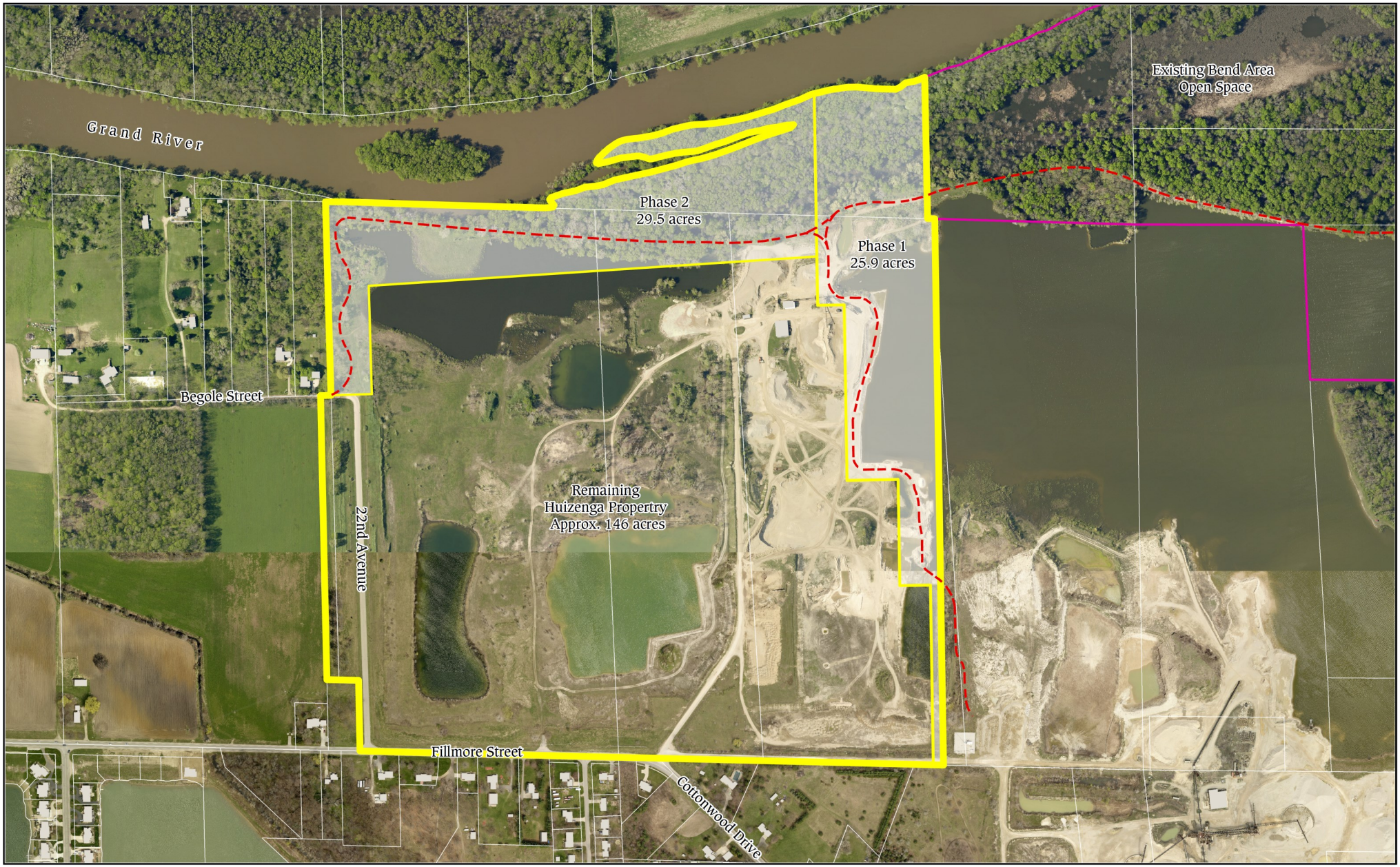
Property Owner	Topsoil @ 4" depth (cy)	Seeding (acres)	Costs
Grand Rapids Gravel Company	25,686	48	$93,793.50
Ottawa County Road Commission	26,784	50	$97,764.00

Topsoil = $2.25/cy
Seeding = $750.00/acre

Bend Area - Potential Acquisitions

Ottawa County Parks & Recreation Commission

1 inch = 1,000 feet

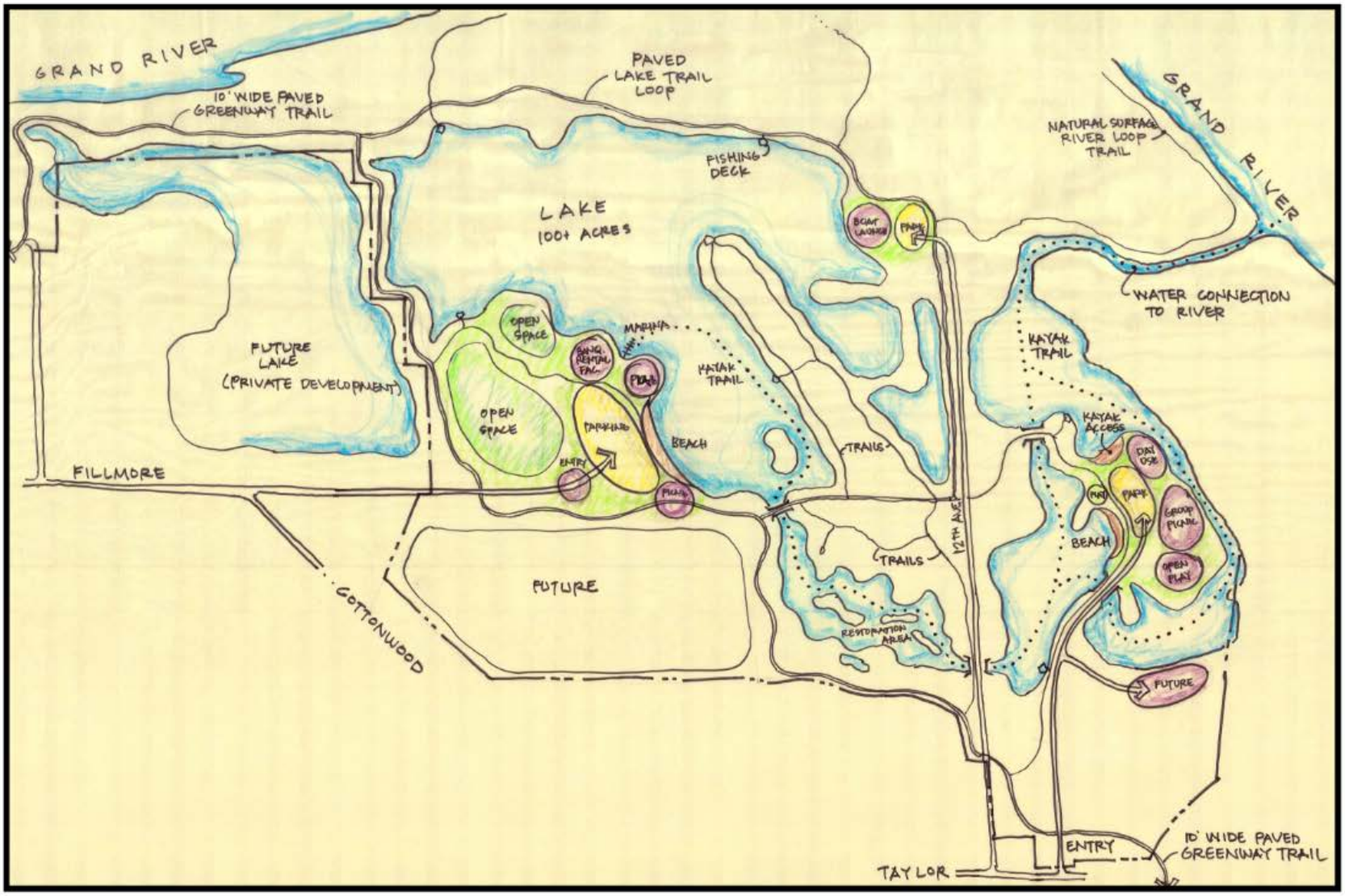


Huizenga Property

N W E S

0 200 400 800 Feet

Ottawa County Parks & Recreation Commission



SITE DEVELOPMENT PLAN CONCEPT

BEND AREA

GRAND RIVER GREENWAY - GEORGETOWN TOWNSHIP

North

Not to Scale

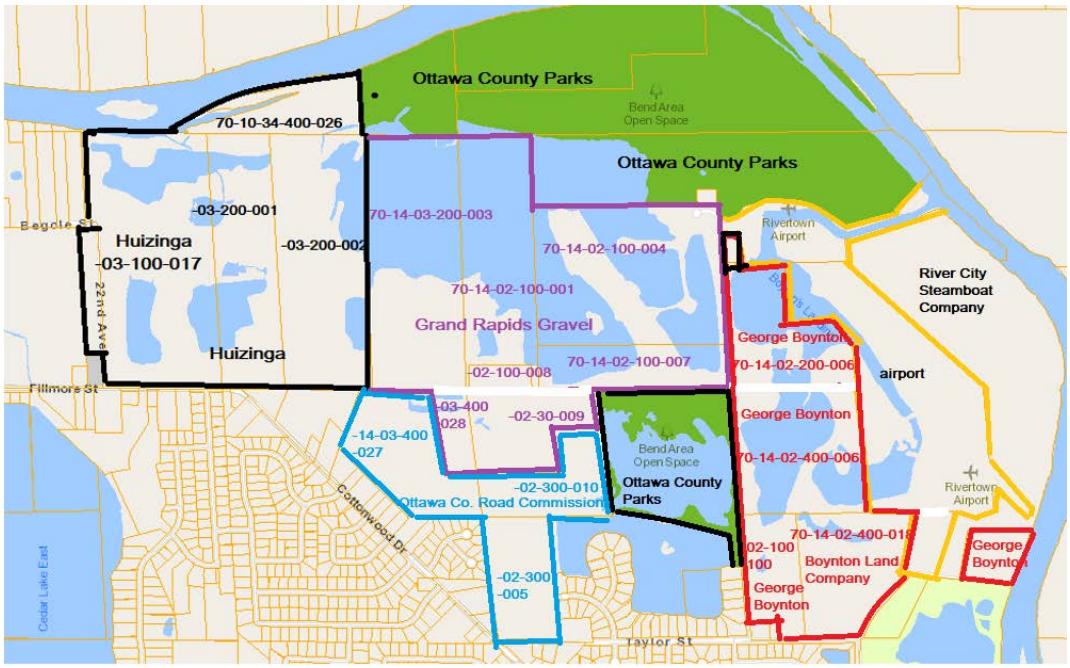
Ottawa County Parks & Recreation Commission
12220 Fillmore St. West Olive, MI 49460
(616)738-4810 www.miottawa.org/parks

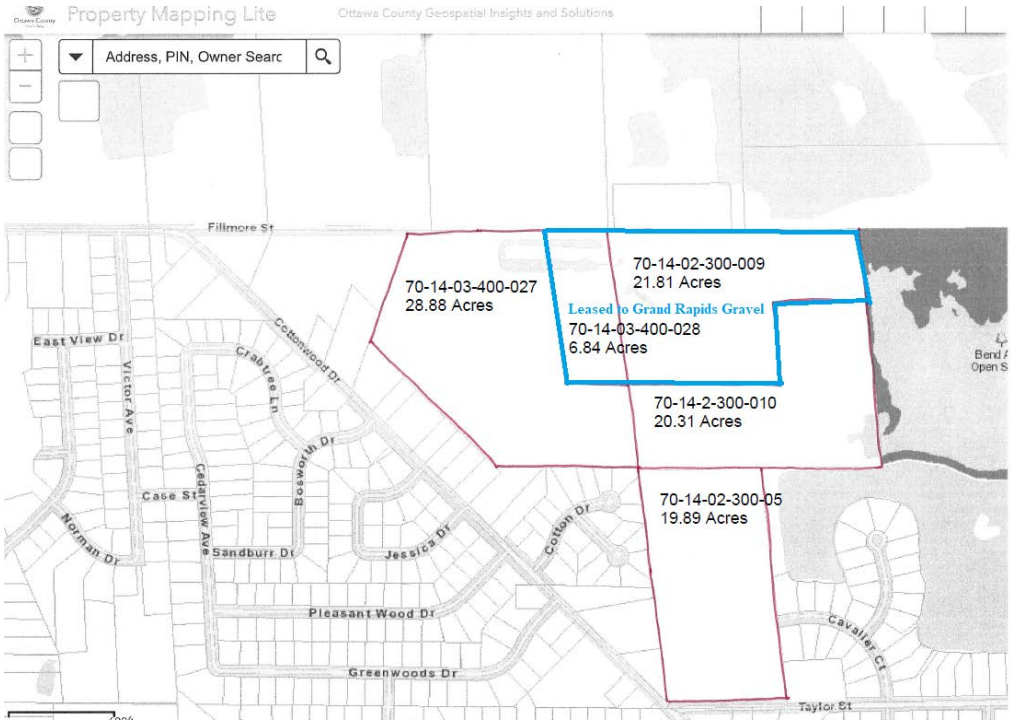
REQUEST –

(ML2002) Renewal of (ML1502) Ottawa County Road Commission -1551 Taylor St. (August 6, 2020)

The request is for a renewal of an existing mining license which, as per previous minutes, used excavated materials for road maintenance purposes only, not for profit. Note that this license is for the Ottawa County Road Commission, which is the same entity (Ottawa County) as the Ottawa County Parks, which is coordinating the reclamation of the land into the Bend in the River County Park.

MAPS





Ottawa County Road Commission
14110 Lakeshore Drive
Grand Haven, Michigan 49417
(616) 842-5400
info@ottawacorc.com

July 9 2020

Mannette Minier
Georgetown Township
1515 Baldwin Street
P.O. Box 769
Jenison, Michigan 49429

Re: OCRC Pit Properties
Parcels: 70-14-02-300-05 and 009 and 010; 70-14-03-400-027 and 028

Mannette,

The Ottawa County Road Commission (OCRC) has 97.7 acres within 5 parcels of land in Sections 2 and 3 of Georgetown Township (see attached map) that make up the pit known as the "Cheyne Pit". Since 1979, Grand Rapids Gravel has leased parcels 70-14-03-400-028 and 70-14-02-300-009 of our pit property for staging and processing areas as they mined parcels of land to the north and east. The remaining parcels have been mined by our staff at low rate with the removal of a few hundred yards of bank run material per year.

With the anticipation that Grand Rapids Gravel will be completing their operations in the next few years, OCRC will start the process to evaluate all 5 parcels to determine the amount and locations of the natural aggregate resources. OCRC has discussed the potential to expand the Bend Area Open Space with Ottawa County Parks & Recreation as previously indicated in the Master Plan for the area, and there is still a mutual interest to expand and establish a park on most of our 97.7 acres of property.

Once the evaluation of our pit property is complete, OCRC intends to continue the discussions with Ottawa County Parks & Recreation to develop a reclamation plan that will maximize the removal of natural aggregate to align with a potential layout for the Bend Area Open Space. The OCRC will be able to provide more specific information about the limits, acreage, and depth of the mining operation, once the all the appropriate exploratory borings have been obtained and a consultant has been retained to develop site plans for permitting and discussions.

Please let me know if you have any questions or require additional information.

Sincerely,

Brett A. Laughlin, P.E.
Managing Director

HISTORY – Brief Summary

Temporary licenses were issued for ML9901, ML9902, ML9903 and ML9904 on 9-7-99. The condition for approval at that time was that permanent licenses would be issued at the time that the company accepts the Bend in the River Plan as the reclamation plan or presents an alternative reclamation plan.

The following are the dates that the companies accepted the Bend in the River Plan and the permanent licenses were issued as per the Mining Board:

Huizinga Gravel – 6/21/2001
Mining licenses - (ML9902), (ML0504), (ML1006), ML1504

Ottawa County Road Commission – 5/10/2001
Mining licenses - (ML9903), (ML0505), (ML1001), ML1502

Boynton Gravel – 5/10/2001
Mining licenses - (ML9904), (ML0503), (ML1005), ML1503 (now closed, reclaimed and possession given to the Ottawa County Parks Department.

Grand Rapids Gravel/DeWent – 1/31/2001
Mining licenses - (ML0101), (ML0502), (ML1004), ML1501, now ML1902

The minutes of September 7, 1999 indicate that the mining would continue for possibly ten years, which would have been 2009.

TOWNSHIP GOAL

The Township recognizes that the materials that are mined are a valuable resource and this is important to the community and area. In this instance, the materials are used in the maintenance of roads. The goal is to have excavation completed as soon as possible and to have the land restored as per the restoration plan consistently approved with the initial mining license and with each subsequent renewal, which is the Bend in the River Plan for a County Park.

How to accomplish the goal.

1. The most important objective is to prohibit bringing additional materials onto the site and to prohibit a crushing operation which in itself is an operation where materials are brought onto the site.
2. The way to begin to accomplish the goal is for the land where excavation is completed to be restored as per the Bend in the River Plan. It would be the land owner's decision as to whether the owner wants to restore the land as per the Bend in the River Plan or to have Ottawa County restore the land as per the plan.
3. The Bond or LOC would be used by the Township to complete the restoration if it wasn't completed by the drop dead end date.
4. The Bond or LOC could continuously be decreased as land is actually restored as per the Bend in the River Plan.
5. The property owner could either restore the land as per the Bend in the River Plan or have Ottawa County restore the land.

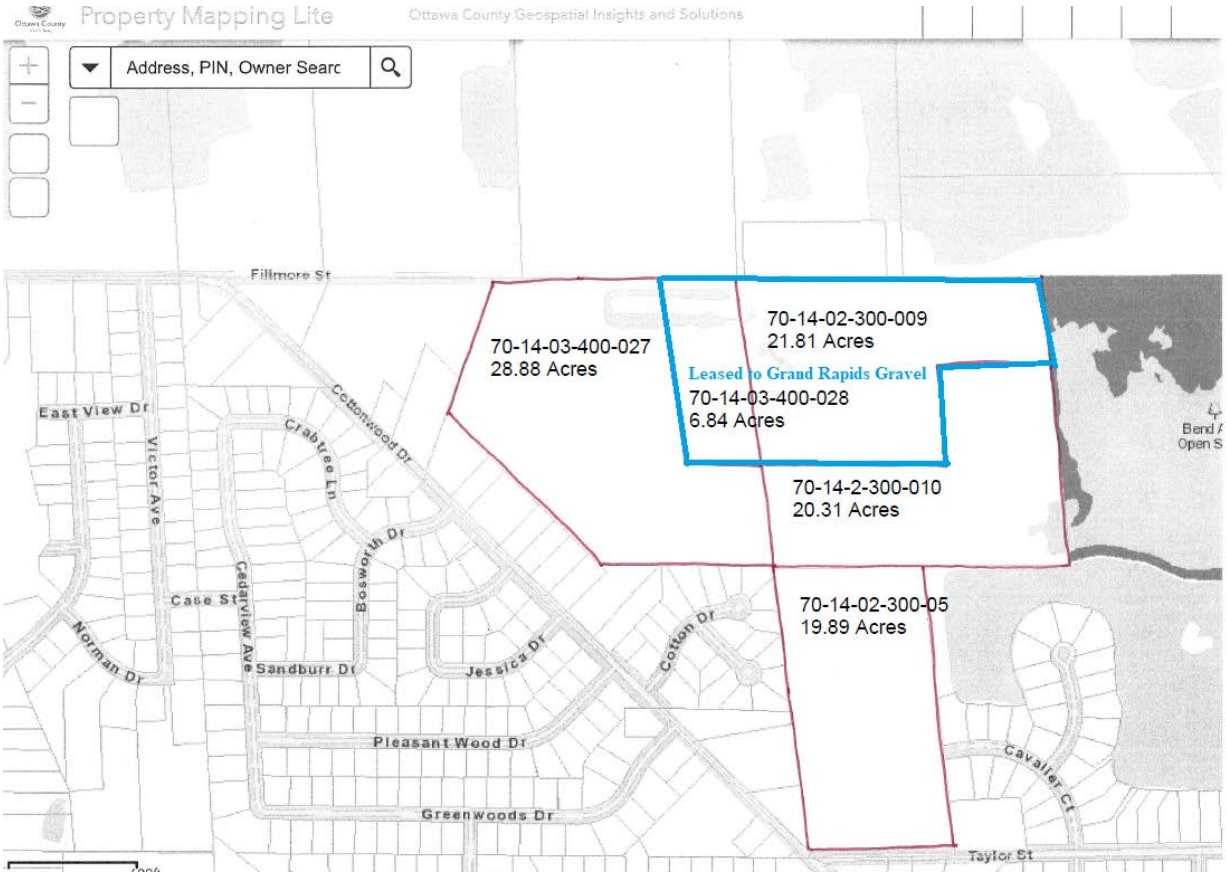
SUMMARY

The following pertains to the Ottawa County Road Commission mining operation:

1. As per the applicant, the Ottawa County Road Commission only removes a few hundred yards of bank run per year.

2. The operation includes:
   a. P.P. # 70-14-03-400-027, 28.88 acres;
   b. P.P. # 70-14-02-300-009, 21.81 acres;
   c. P.P. # 70-14-03-400-028, 6.84 acres;
   d. P.P. # 70-14-02-300-010, 20.31 acres;
   e. P.P. # 70-14-02-300-005, 19.89 acres.

3. Grand Rapids Gravel leases P.P. 70-14-02-300-009, 21.81 acres, and P.P. # 70-14-03-400-028, 6,84 acres, from the OCRC. See below.



4. With the approval of the renewal/new mining license for Grand Rapids Gravel (ML1902) the timeline for the completion of the GRG operation is as follows, which pertains to the Ottawa County Road Commission land leased by GRG:

a. From January 1, 2022 to December 31, 2022, GRG will:
   i. Remove all stockpiled material that has been processed and remains on property on the Site that is leased from the Ottawa County Road Commission (P.P. #70-14-03-400-028 and 70-14-02-300-009);
   ii. Break down and remove the processing plant located on said leased property; and
   iii. Remove concrete under the processing plant and crush said concrete onsite in lieu of hauling all broken material offsite.
b. By December 31, 2022, GRG commits to having all stockpiles removed, and the processing plant removed from the leased property (with the exception of material left solely for use by Ottawa County at the Site).
c. During the period of January 1, 2023 and June 30, 2023, GRG will reclaim the leased property; and
d. After the earlier of completion of the reclamation of the leased property or June 30, 2023, GRG will conclude all activities related to ML1902 on all seven parcels.

DISCUSSION POINTS

- The mining ordinance was adopted in 1998 with the goal and intent that minerals could be extracted from a site and when that was completed, the land was to be restored. This goal was even stated as far back as the 1964 Zoning Ordinance.
- Georgetown Township wants the excavating to be completed in the Township and the land to be reclaimed and restored.

DETERMINATIONS

The Mining Board is charged with determining the following:

1. Although the ordinance requires a performance bond, the Ottawa County Road Commission and the Ottawa County Parks and Recreation both are under the authority of the Ottawa County Board of Commissioners, which provides leadership and policy direction for all County activities. Requiring a performance bond from the County to ensure that the County restores and reclaims the land for the County Park is not necessary, as per the Ottawa County Parks Director. However, the Mining Board can make that decision. If the determination is that one is needed, it should be related to the acreage remaining to be mined and restored. The site is 97.7 acres, less 28.65 leased by GRG, is 69.05 acres left. Based on the escrow amount of $1,000 per acre remaining to be mined and restore (how much has already been restored), the performance bond should be _____. Note that the County may appear before the Board to request a pro-rata reduction in the amount of the performance guarantee for each acre restored and reclaimed.
2. The timeline for completion should be determined. An option would be to approve the renewal of the mining license until June 30, 2023 because that is the date when Grand Rapids Gravel is required to have mining completed and the land leased from Ottawa County Road Commission restored. If the license was required to be renewed by June 30, 2023, the County could provide more accurate information as to what land remains to be mined and to draft a timeline for completion.

OPTION FOR MOTION

Motion: Insofar as the Township recognizes that the materials that are mined are a natural and valuable resource and this is important to the community and area, the Mining Board grants approval of (ML2002) which is the renewal of (ML1502) Ottawa County Road Commission -1551 Taylor St., and to incorporate the findings and conclusions in the Staff Report dated August 6, 2020, with the following conditions:

- The license shall expire **June 30, 2023 when Grand Rapids Gravel has vacated the Ottawa County Road Commission property**, unless suspended or revoked earlier per the Ordinance. At that time the operator shall return with a more detailed plan, including areas remaining to be excavated and a timeframe for completion of the excavating of materials from the site.
- **A performance bond, as required in Sec. 26.81 of the Mining Ordinance, in the form of an amount is to be paid to the Township relative to the acres of land remaining to be reclaimed or restored. The amount for the escrow per acre remaining to be restored or reclaimed is _ _____ (if any), as determined by the Mining Board. This amount shall be paid no later than September 15, 2020 in order for the mining license to remain in effect. Technically the bond should have been paid prior to the expiration of the mining license on June 30, 2020. The amount of the escrow may be periodically reduced upon request by the mining company, proportionate to the number of acres that are reclamation or restoration**.
- The Site shall be operated in compliance with all previous approvals and the conditions of approval.
- The operator shall comply with all federal, state, and local laws, regulations and ordinances.
- All terms and conditions as presented with the initial application materials remain in effect;
- Hours of operation be limited to 7:00 a.m. to 6:00 p.m. Monday to Friday, 8:00 a.m. to 3:00 p.m. Saturday, and no Sundays or holidays;
- The haul route shall continue as approved with the previous approvals. All roads within the site are to be maintained in a manner that controls dust and prevents debris from being carried onto public streets;
- If any berms are created, they are to be maintained;
- No future reclamation approvals are implied by the approval of this reclamation plan and the applicant must obtain approval as required by all other Township ordinances;
- Approval from the Ottawa County Road Commission must remain in effect;
- All entrances and exits to the site shall be securely locked during hours when mining operations are not permitted on the site.
- All vehicles used to transport excavated material shall be loaded in a manner so that the material cannot be unintentionally discharged from the vehicle. Vehicles shall be cleaned of all material not in the load-bed prior to entering the public streets. If materials excavated from the site are deposited or spilled upon the public roadway, it shall be the responsibility of the licensee, without requiring any action or request by the township, to immediately remove the spilled or deposited material;
- A licensee shall comply with all soil erosion, wetlands and floodplain rules and regulations of the State of Michigan, Ottawa County and the township;
- Fueling of vehicles on any site shall comply with statutes, rules and regulations enforced and implemented by the Michigan Department of Environmental Quality;
- All roads within the site are to be maintained in a manner that controls dust and prevents debris from being carried onto public streets.

- If filling of an excavated area is necessary during reclamation, only inert material, as defined by the Michigan Solid Waste Management Act (Act No. 641 of the Public Acts of 1978, as amended) shall be used.
- Upon termination of mining operations, the licensee shall be responsible to reclaim the site in accordance with reclamation plans approved by the review board, **which is the Bend in the River Plan**. If the licensee fails to reclaim the site as required by the approved reclamation plans, the township may come upon the site and reclaim the land in accordance with those plans and may use the proceeds of the performance guarantee (if any) required by this article to defray the costs of the reclamation.
- Upon the cessation of all mining operations (or any phase of operations, as applicable) except stockpiling, and within a reasonable period of time, not exceeding 12 months thereafter, all tanks, buildings, stockpiles, and equipment shall be removed from the site unless the building or structures can lawfully be used on the site for other purposes as permitted by applicable laws or ordinances.
- Storage and stockpiling of mined products after cessation of mining activities may be permitted by the review board by annual license granted for that limited purpose. In no event shall any additional materials be allowed to be added to these stockpiles and a license granted for storage or stockpiling of mined products shall not interfere with or excuse reclamation as otherwise required under this article.
- **In no event shall any additional materials be allowed to be brought onto the site or added to any stockpiles.**
- **The license does not include a crushing operation.**
- No additional materials are required of the applicant at this time since the initial application contained all the required submittal materials and nothing has changed as of this time. In addition, a site inspection was conducted and the site is in conformance with the terms of the initial mining license as well as other Township ordinances;
- And with the condition that the operation on the site continues to work towards the Bend in the River Reclamation Plan.

REQUEST – (August 6, 2020)

(ML2003) Renewal of (ML1504) Huizinga Gravel. The request is for a renewal of an existing mining license for the excavation of materials located on the Huizinga Gravel mining site and processing of those materials. **No request was made to bring additional materials onto the site for processing and no request was made for a crushing operation. Currently neither exist on the site.**

The Huizinga property includes the following:

1. Western- most parcel - 9449 22nd Ave., P.P. # 70-14-03-100-017; 77.77 acres. **This is completed and restored with slopes as per the mining ordinance. This is not part of the Bend in the River Plan except for the proposed trail to go along the northern portion, and south along the western property line, to connect to 22nd Ave./Begole**. The future plan is to develop it as single family homes. This parcel was shown as completed on the site plan dated July 20, 1999, for the initial application because the mining was completed prior to the adoption of the Mining Ordinance in 1998.

2. One of two eastern parcels - 1949 Fillmore St., P.P. # 70-14-03-200-001; 40.59 acres. **Mining is currently taking place and planned for the future. This is part of the Bend in the River Plan**.

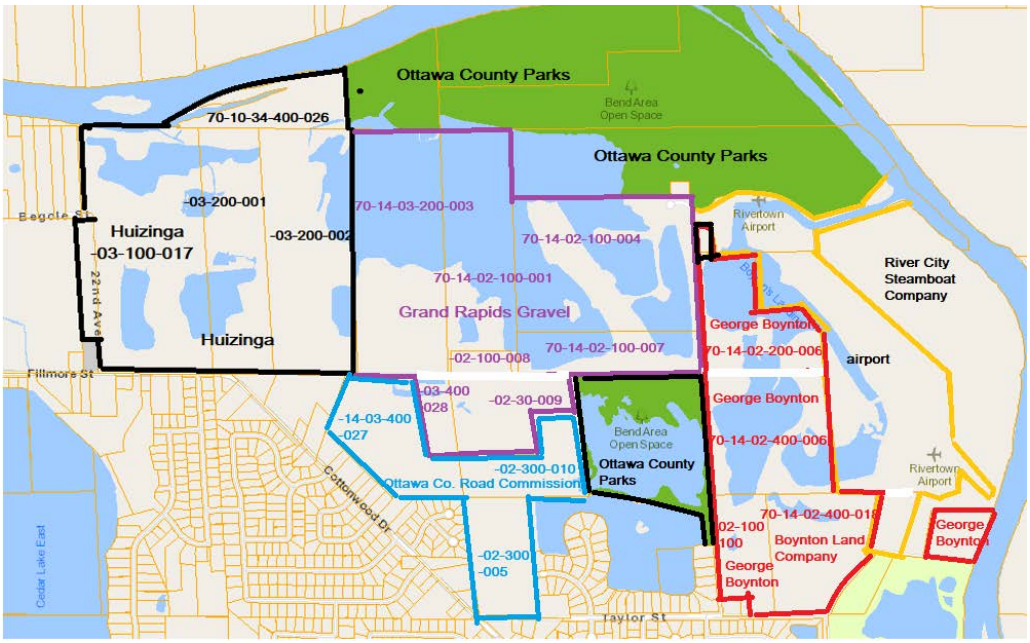
3. One of two eastern parcels - 1861 Fillmore St., P.P. # 70-14-03-200-002; 58.87 acres. **Mining is currently taking place and planned for the future. This is part of the Bend in the River Plan.**

4. Northern parcel along the Grand River - Begole St., P.P. # 70-10-34-400-026 , 17.71 acres. **No mining is taking place or is planned for the future on this parcel. It is wooded and the plan is to leave it as it is, which is what the County wants. This is part of Bend in the River Plan.**

5. The total of all the property is 194.95 acres. After subtracting the completed parcel and the wooded parcel to the north, **99.46 remain where mining is currently occurring and will in the future**.

The operator has indicated the mining (excavation) will be completed in ten years.

MAPS



HISTORY – Brief Summary

The following are the dates that the companies accepted the Bend in the River Plan and the permanent licenses were issued as per the Mining Board:

Huizinga Gravel – 6/21/2001
Mining licenses - (ML9902), (ML0504), (ML1006), ML1504

Ottawa County Road Commission – 5/10/2001
Mining licenses - (ML9903), (ML0505), (ML1001), ML1502

Boynton Gravel – 5/10/2001
Mining licenses - (ML9904), (ML0503), (ML1005), ML1503 (now closed, reclaimed and possession given to the Ottawa County Parks Department.

Grand Rapids Gravel/DeWent – 1/31/2001
Mining licenses - (ML0101), (ML0502), (ML1004), ML1501, now ML1902

TOWNSHIP GOAL

The Township recognizes that the materials that are mined/excavated are a valuable resource which are important to the community and area. The goal is to have excavation completed as soon as possible and to have the land restored as per the restoration plan consistently approved with the initial mining license and with each subsequent renewal, which is the County Bend in the River Park. However, the Township recognizes that the mining companies have the right to excavate all of the materials on the site.

How to accomplish the goal.

1. The most important objective is to prohibit the operator from bringing additional materials onto the site and to prohibit a crushing operation which in itself is an operation where materials are brought onto the site.
2. The way to begin to accomplish the goal is for the land where excavation is completed to be restored as per the Bend in the River Plan. This would take place in conjunction with Ottawa County.
3. The Bond or LOC (Letter of Credit) would be used by the Township to complete the restoration if it wasn't completed by the drop dead end date.
4. The Bond or LOC could continuously be decreased as land is actually restored as per the Bend in the River Plan.
5. The property owner could either restore the land as per the Bend in the River Plan or have Ottawa County restore the land.

SUMMARY

The following pertains to the Huizinga mining operation:

1. Huizinga Gravel has already sold a piece of property to the Ottawa County Parks.

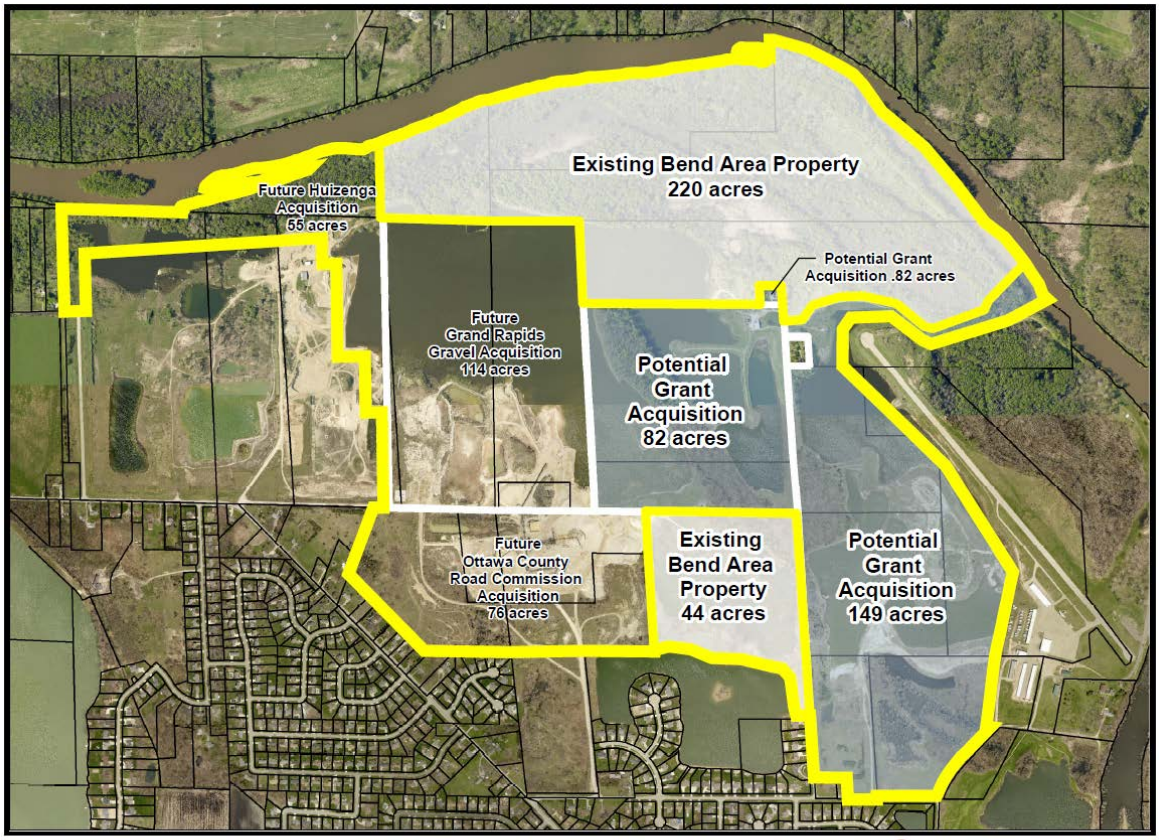
2. The operation includes:

    a. As per the site plan dated 7/2/20, active mining and processing is currently taking place on P.P. # 70-14-03-200-001 and P.P. # 70-14-03-200-002. The plan also shows future mining on these two sites and relocation of the processing area for the future mining phase. These two parcels have a total of 99.46 acres and are a part of the Bend in the River Plan.

    b. No mining is currently taking place on P.P. # 70-14-03-100-017 (77.77 acres) because mining is completed and the land is restored with slopes that meet ordinance requirements. This land has not been a part of the mining license beginning with the initial one because mining occurred and was completed prior to the adoption of the Mining Ordinance in 1998.

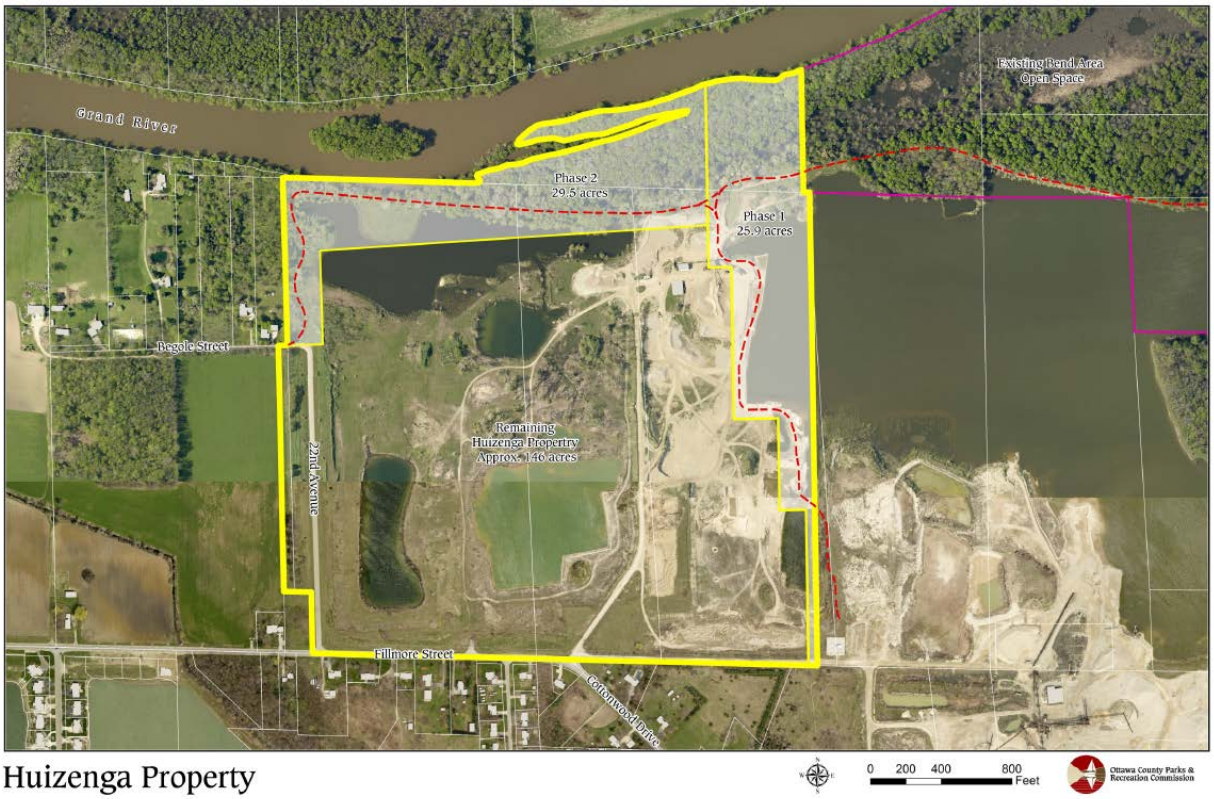
    c. No mining is currently taking place on P.P. # 70-10-34-400-026 (17.72 acres) and no future mining is indicated for it because it is to be left as wooded.

3. Ottawa County Parks plan for acquisitions shows that only part of the Huizinga property will be acquired.



Bend Area - Potential Acquisitions

1 inch = 1,000 feet



4. Consequently, Huizinga Gravel should provide a reclamation plan for the property not proposed to be acquired by Ottawa County Parks for the Bend in the River Park. It may be pre-mature to require a reclamation plan at this point because the above maps are merely proposals that could be altered with the passage of time. **An option would be to require that the reclamation plan be submitted for the area not to be acquired by Ottawa County at the time Huizinga Gravel applies for a license renewal in 2025.**

DETERMINATIONS NEEDED

The Mining Board is charged with determining the following:

1. The performance bond is related to the acreage remaining to be mined and restored. The total acreage of the two parcels where mining is taking place and will in the future is 99.46. As per a conversation with Ottawa County Parks, about one/third of this acreage will be or is open water, with no restoration needed. Therefore, the performance bond should be charged for about 60 to 70 acres and would be between $60,000 and $70,000 based on the previous amount of $1,000 per acre remaining to be mined and restore that was charged to Grand Rapids Gravel. The Mining Board could determine an amount or have the mining operator present a document detailing exactly how many acres remain to be restored. Note that Huizinga Gravel may appear before the Board to request a pro-rata reduction in the amount of the performance guarantee for each acre restored and reclaimed. What amount should the performance bond be?

2. The timeline given by Huizinga Gravel to complete the mining (excavation) is ten years. Therefore, should the license be renewed until June 30, 2025?

3. Should the additional reclamation plan be required to be submitted prior to expiration of this license in 2025?

OPTION FOR MOTION

Motion: Insofar as the Township recognizes that the materials that are mined are a natural and valuable resource and this is important to the community and area, the Mining Board grants approval of (ML2003) which is the renewal of (ML1504) Huizinga Gravel, as shown on the site plan dated 7/2/20, and to incorporate the findings and conclusions in the Staff Report dated August 6, 2020, with the following conditions:

- The license shall expire **_____ (June 30, 2025? Maximum time)**, unless suspended or revoked earlier per the Ordinance. At that time of renewal of this license (ML2003) in 2025, a reclamation plan shall be submitted for the property that will not be included in the Bend in the River Park Plan. A firm date of completion shall also be provided.
- **A performance bond, as required in Sec. 26.81 of the Mining Ordinance, is to be paid to the Township relative to the acres of land remaining to be reclaimed or restored. The amount based on $1,000 per acre remaining to be restored or reclaimed is _____, as determined by the Mining Board. This amount shall be submitted to the Township no later than September 15, 2020 in order for the mining license to remain in effect. Technically the bond should have been paid prior to the expiration of the mining license on June 30, 2020. The amount of the guarantee may be periodically reduced upon request by the mining company, proportionate to the number of acres that are reclamation or restoration**.
- The Site shall be operated in compliance with all previous approvals, including the conditions of approval.
- All terms and conditions as presented with the initial application materials remain in effect
- The operator shall comply with all federal, state, and local laws, regulations and ordinances.
- Hours of operation be limited to 7:00 a.m. to 6:00 p.m. Monday to Friday, 8:00 a.m. to 3:00 p.m. Saturday, and no Sundays or holidays.
- The haul route shall continue as approved with the previous approvals. All roads within the site are to be maintained in a manner that controls dust and prevents debris from being carried onto public streets.
- If any berms are created, they are to be maintained.
- No future reclamation approvals are implied by the approval of this reclamation plan and the applicant must obtain approval as required by all other Township ordinances.
- Approval from the Ottawa County Road Commission must remain in effect.
- All entrances and exits to the site shall be securely locked during hours when mining operations are not permitted on the site.
- All vehicles used to transport excavated material shall be loaded in a manner so that the material cannot be unintentionally discharged from the vehicle. Vehicles shall be cleaned of all material not in the load-bed prior to entering the public streets. If materials excavated from the site are deposited or spilled upon the public roadway, it shall be the responsibility of the licensee, without requiring any action or request by the township, to immediately remove the spilled or deposited material.
- A licensee shall comply with all soil erosion, wetlands and floodplain rules and regulations of the State of Michigan, Ottawa County and the township.
- Fueling of vehicles on any site shall comply with statutes, rules and regulations enforced and implemented by the Michigan Department of Environmental Quality.
- All roads within the site are to be maintained in a manner that controls dust and prevents debris from being carried onto public streets.

- If filling of an excavated area is necessary during reclamation, only inert material, as defined by the Michigan Solid Waste Management Act (Act No. 641 of the Public Acts of 1978, as amended) shall be used.
- Upon termination of mining operations, the licensee shall be responsible to reclaim the site in accordance with reclamation plans approved by the review board, **which is the Bend in the River Plan and the plan to be submitted for the next approval of renewal for the property not included in the Bend in the River Plan**. If the licensee fails to reclaim the site as required by the approved reclamation plans, the township may come upon the site and reclaim the land in accordance with those plans and may use the proceeds of the performance guarantee required by this article to defray the costs of the reclamation.
- Upon the cessation of all mining operations (or any phase of operations, as applicable) except stockpiling, and within a reasonable period of time, not exceeding 12 months thereafter, all tanks, buildings, stockpiles, and equipment shall be removed from the site unless the building or structures can lawfully be used on the site for other purposes as permitted by applicable laws or ordinances.
- Storage and stockpiling of mined products after cessation of mining activities may be permitted by the review board by annual license granted for that limited purpose. In no event shall any additional materials be allowed to be added to these stockpiles and a license granted for storage or stockpiling of mined products shall not interfere with or excuse reclamation as otherwise required under this article.
- **In no event shall any additional materials be allowed to be brought onto the site or added to any stockpiles.**
- **The license does not include a crushing operation.**
- No additional materials are required of the applicant at this time since the initial application contained all the required submittal materials and nothing has changed as of this time. In addition, a site inspection was conducted and the site is in conformance with the terms of the initial mining license as well as other Township ordinances;
- The operation on the site shall continue to work towards the Bend in the River Reclamation Plan.

Expires	ML#		
[redacted]	ML1502	Ottawa County Road Commission	ok
	ML1505	J&D Investors LLC	
	ML1501	Grand Rapids Gravel/DeWent	ok
	ML1503	Boynton Gravel	ok
	ML1504	Huizenga Gravel Company/Land LLC	ok
6/30/2021	ML1601	DeWent Gravel	ok
6/30/2018	ML1801	Poortenga Properties	ok
6/30/2019	ML1401	Cedar Valley Associates, Inc.	ok

Georgetown Charter Township
Mineral Mining

1515 Baldwin Street, P.O. Box 769
Jenison, MI 49429-0769

Inspection Report Date 1\7\19

Location: 9301 12TH AVE, P.P. # 70-14-02-100-004

Mineral Mining License Number: PML1501 – old 1004-Grand Rapids Gravel/DeWent

Comments: The Code Enforcement Officer conducted a site inspection at the above mining location and has noted the following:

1/7/19: Mining as required : RJ

Georgetown Charter Township
Mineral Mining
1515 Baldwin Street, P.O. Box 769
Jenison, MI 49429-0769

Inspection Report Date 1/7/19

Location: 1551 TAYLOR ST, P.P. # 70-14-02-300-005

Mineral Mining License Number: PML1502 – old 1001-Ottawa County Road Commission

Comments: The Code Enforcement Officer conducted a site inspection at the above mining location and has noted the following:

1/7/19: Mining as reg. [illegible]

Georgetown Charter Township
Mineral Mining

1515 Baldwin Street, P.O. Box 769
Jenison, MI 49429-0769

Inspection Report Date 1/7/19

Location: 9400 12TH AVE, P.P. # 70-14-02-200-006

Mineral Mining License Number: PML1503 – old 1005-Boynton Gravel

Comments: The Code Enforcement Officer conducted a site inspection at the above mining location and has noted the following:

No active mining
Site complies
RJ

Georgetown Charter Township
Mineral Mining

1515 Baldwin Street, P.O. Box 769
Jenison, MI 49429-0769

Inspection Report Date 1/3/19

Location: 1861 FILLMORE ST, P.P. # 70-14-03-200-002

Mineral Mining License Number: ML1504 – old 1006-Huizinga Gravel

Comments: The Code Enforcement Officer conducted a site inspection at the above mining location and has noted the following:

Operating as required. RJ

Georgetown Charter Township
Mineral Mining

1515 Baldwin Street, P.O. Box 769
Jenison, MI 49429-0769

Inspection Report Date 1/7/19

Location: 6610 40TH AVE, P.P. # 70-14-20-300-054

Mineral Mining License Number: PML1505 (old-1002) - John Koetje, J & D Investors

Comments: The Code Enforcement Officer conducted a site inspection at the above mining location and has noted the following:

No mining equipment or activity on site
Piles of top soil within development
Most of area being developed. RJ

Georgetown Charter Township
Mineral Mining

1515 Baldwin Street, P.O. Box 769
Jenison, MI 49429-0769

Inspection Report Date 1/7/19

Location: 1601 CHICAGO DR, P.P. # 70-14-23-100-028

Mineral Mining License Number: ML1601-DeWent Gravel

Comments: The Code Enforcement Officer conducted a site inspection at the above mining location and has noted the following:

Mining as required.

Georgetown Charter Township
Mineral Mining

1515 Baldwin Street, P.O. Box 769
Jenison, MI 49429-0769

Inspection Report Date 1/7/19

Location: 2581 Port Sheldon, P.P. # 70-14-21-400-100 and 21-440-004

Mineral Mining License Number: PML1801 – old 1303-Poortenga Properties

Comments: The Enforcement Officer conducted a site inspection at the above mining location and has noted the following:

No active mining

Top soil stockpiles still in place

No grading RD

Georgetown Charter Township
Mineral Mining

1515 Baldwin Street, P.O. Box 769
Jenison, MI 49429-0769

Inspection Report Date 1/3/19

Location: 2511 Fillmore and 9250 28th Ave. P.P. # 70-14-04-200-021

Mineral Mining License Number: PML1401-Cedar Valley Associates

Comments: The Code Enforcement Officer conducted a site inspection at the above mining location and has noted the following:

Area is being mined & complies with plans.
However there is currently no equipment on the site.

RN