



Grading-Paving-Sealing-Striping

Tel (262)878-4678 Fax (262)878-5411 www.asphaltinc.com

RECEIVED

OCT 13 2020

RACINE COUNTY

After the first phase is excavated and mining moves to the next phase, a portion of phase one will be reclaimed from soil excavated from phase two without putting more soil into berms. As the phases are excavated, soil removed ahead of the excavation will be used to reclaim areas in a previous phase that is shaped for reclamation.

As the perimeter of the pit is excavated we will accept clean fill from outside sources to increase the depth of soil on the slopes to help stabilize the slope. There will be no pavement, concrete or trash accepted.

Operations Equipment

The equipment on site will include but not be limited to scrapers, haul trucks, excavators, dozers, primary and secondary crushing plants, screening plants, wash plants, conveyors, loaders, generators, water trucks, dump trucks and truck scale. Crushing and washing equipment will be portable and may leave the site from time to time depending on the sales of aggregate. As the pit expands beyond phase one, the equipment and stockpiles will also move into the new phases.

Employees

When there is a crushing and washing operation on site, there may be five or more employees. When there is only loading and scaling of dump trucks, there will be two employees. There will be a variable number of dump trucks.

Operating Hours

Normal operating hours for equipment, not including maintenance or repairs, will be between 6AM and 6PM, Monday through Friday. Saturdays will be from 7AM to 3PM. No Sundays or Holidays. Equipment maintenance and repairs may occur after normal hours of operation.

Source and Use of Water

There is an existing pond on the property. There are wetlands on the west side of the property next to the county line. When the pit is open, we will pump water from the pond to another clay lined pond built near the washing equipment. No water will be returned to the existing pond.

RECEIVED

OCT 13 2020

RACINE COUNTY



Grading-Paving-Sealing-Striping

Tel (262)878-4678 Fax (262)878-5411 www.asphaltinc.com

When the gravel is removed in the northwest corner of the pit, another freshwater pond will be dug that will be used instead of the existing pond for wash water. A safety ledge will be built underwater for any new ponds.

Haul Road

The existing paved driveway will be the access to the pit. The driveway will be widened with asphalt as needed to carry truck traffic. The new truck road to the truck scale will be paved with asphalt. Trucks will use Highway P which is already being used by dump trucks from other gravel pits.

Environmental Regulations

Asphalt Contractors, Inc. will comply with all relevant regulations to operate this site. The Wisconsin DNR along with the Federal Mine Safety and Health Administration, will have rules that must be followed. The rules will regulate the use of water and the control of storm water on the site.

There will be a trash dumpster onsite with toilet facilities.

Permit Duration

This site has a very large quantity of gravel that could last 20 years or more. Permits will be applied for when there may be renewals needed.

Methods Proposed to Minimize Pollution

EPA standards along with properly maintained equipment, will assure that noise levels will be below allowable levels for the operation of each machine. Soil berms built along the southside of the new truck road east of the scale will help deflect truck noise from the neighbors to the south. Existing trees along the existing driveway will be left in place. Trees and soil berms in the setbacks will minimize noise at the property line. The pit operation will begin at the northwest end of the pit and dig down to roughly elevation 815. When the equipment digs out enough gravel, it will be roughly 60 to 70 feet below the ground level to the east and south. The noise levels on the high ground will be much lower with the gravel operation being in a deep hole. Trucks will be driving on an asphalt surface when they leave the truck scale and there are trees on the southside of the entrance road.



Grading-Paving-Sealing-Striping

Tel (262)878-4678 Fax (262)878-5411 www.asphaltinc.com

RECEIVED

OCT 13 2020

RACINE COUNTY

When trucks are driving on gravel to get loaded, there will be a water truck onsite to apply water if there are dusty conditions.

When gravel is being washed, water will be removed from ponds to washing ponds for the plant. Water will not be returned to any freshwater pond. The DNR will require a stormwater permit to control runoff in the pit. The pit will be internally drained with no water leaving the pit to flow to the wetlands to the west. The restoration plan shows that we will not disturb the slopes that are 15 feet above the wetlands to the west. The trees and vegetation will remain intact.

The Method of Recycling Water Use for Washing Gravel

Water used for processing operations will use a series of ponds. The ponds constructed onsite will include a freshwater pond and two deposit ponds. Water used for the washing operation is pumped from a freshwater pond that is the ground water. When the operation begins, that will be the existing pond at the south end of the property. After gravel has been excavated at the northwest corner of the pit, a new freshwater pond will be dug. That pond will be the new source of freshwater and will be permanent in the reclaimed land.

Water from the first of the two ponds used for washing will be kept full and replenished as needed from the freshwater pond. That first pond has water pumped to the wash plant where it washes the silt out of the crushed gravel. That muddy water then flows to another pond built for the purpose of having the silt settle to the bottom, and the clean water at the opposite end of the pond flows back into the first pond. This process recycles the water except for the water in the gravel when it is stockpiled.

Reclamation:

As the gravel excavation moves on the property and depletes a portion that is in the phasing plan, the areas will be graded and topsoil replaced. The land will be seeded with native grass and the bottom of the pit will have either grass or hay field. The disturbed portion of the land will be suitable with the ponds for use as a rural piece of property.

A more detailed reclamation plan is submitted as part of this application. The plan will follow the rules set by the DNR and have a bond posted for financial assurance to the County.

RECEIVED

OCT 13 2020

RACINE COUNTY



Grading-Paving-Sealing-Striping

Tel (262)878-4678 Fax (262)878-5411 www.asphaltinc.com

**Conditional Use
Phasing Plan**

Phase 1	13.5 Acres
Phase 2	5 Acres
Phase 3	11 Acres
Phase 4	14 Acres
Phase 5	6 Acres
Phase 6	7 Acres
Phase 7	7 Acres
Phase 8	7 Acres
Phase 9	7 Acres
Phase 10	<u>7 Acres</u>
	84.5 Acres Excavated & Reclaimed

Existing Pond



RECEIVED

OCT 13 2020

RACINE COUNTY

House by Pool



Farm House



**Driveway
Looking East
Towards P**

RECEIVED

OCT 13 2020

RACINE COUNTY



**Southside of
Driveway
Looking at
Property Line**



**The Warren
Field south of
driveway
looking at
wooded
property line**

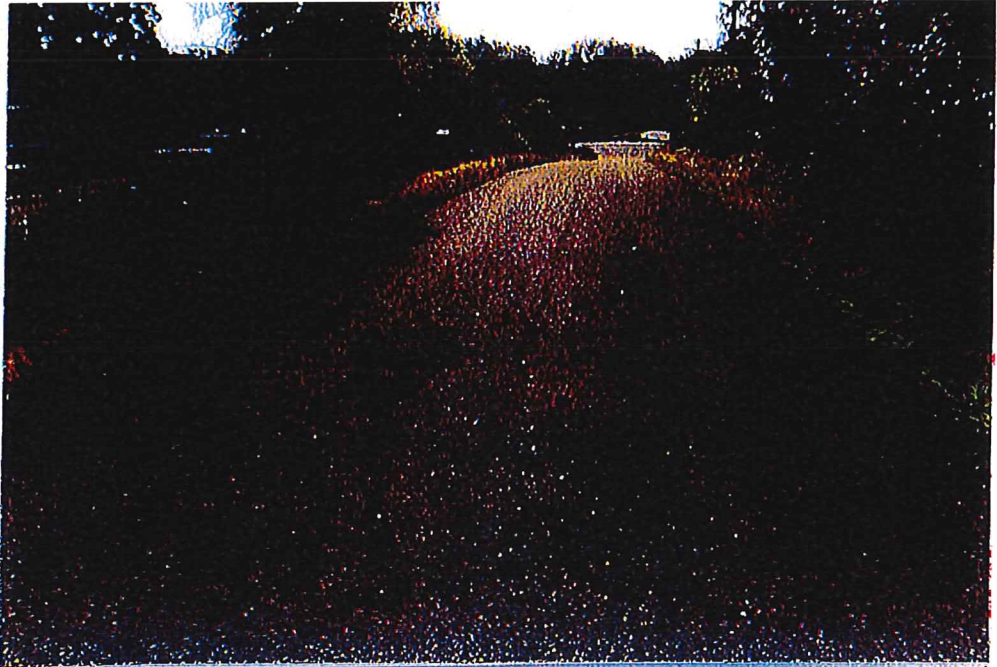


Driveway Entrance

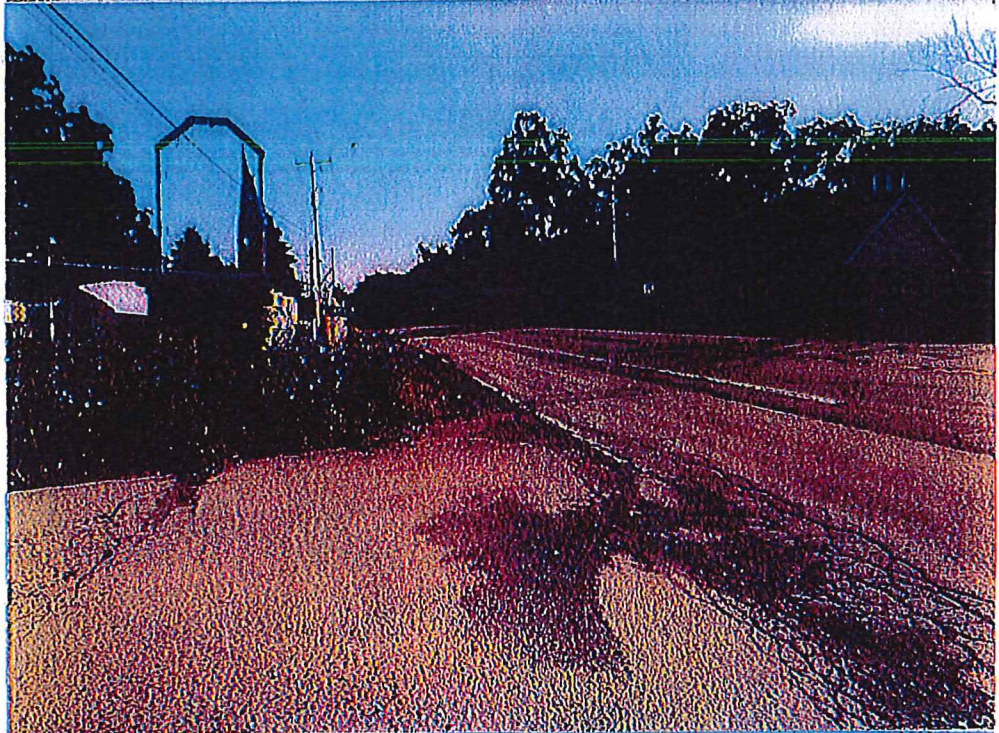
RECEIVED

OCT 13 2020

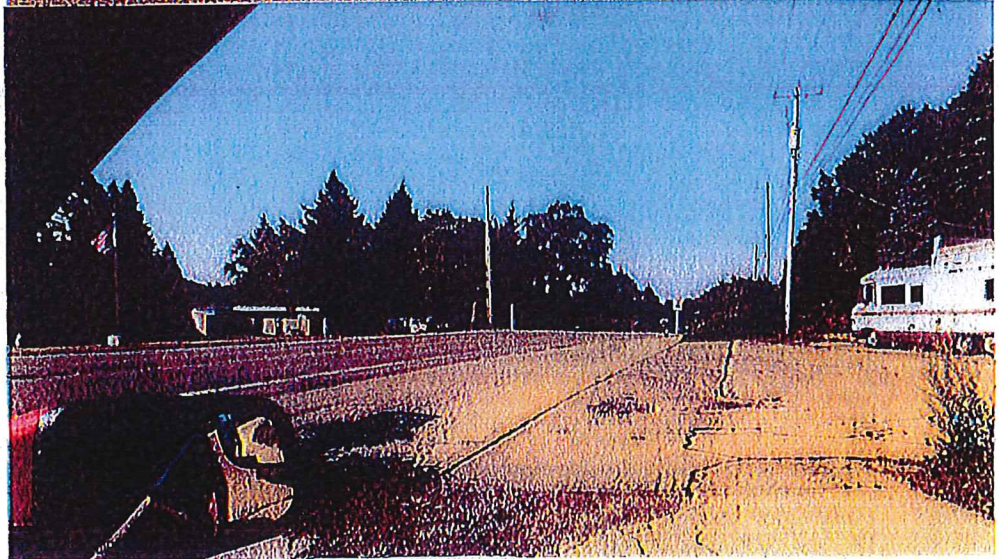
RACINE COUNTY



Looking North on Highway P



Looking South on Highway P



RECEIVED

OCT 13 2020

