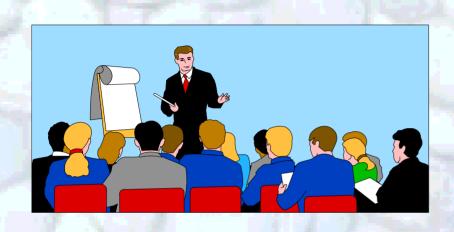
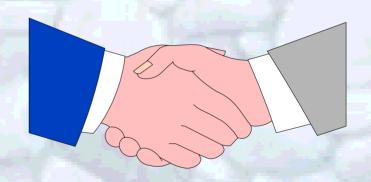




OAIMA Represents 95% of Aggregate and Industrial Minerals Suppliers in Ohio





•OAIMA Works Closely With Regulatory Agencies to Insure Safe, Efficient, Environmentally Friendly Operations that Produce Quality Products and Are "Good Neighbors"



What Is Aggregate & Industrial Minerals?

- Aggregate Any combination of sand, gravel and crushed stone in their natural or processed state used in construction and building activities.
- Industrial Minerals- geological materials which are mined for their commercial value. They are used in their natural state or after processing either as raw materials or as additives in a wide range of applications.



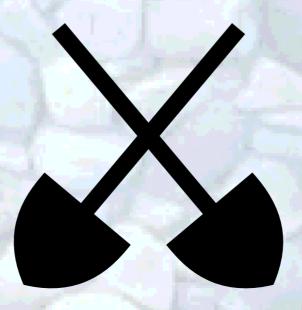
Aggregate Quick Facts

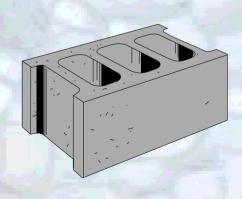
- 85,000 Tons of Aggregate Per 1 Mile of a Four Lane Highway.
 - 11 tons of Aggregate & Industrial Minerals for each Ohio Resident.
- The Average Home Requires 106 Tons of Aggregate.
 - The Average Size School or Hospital Requires 15,000 Tons of Aggregate.

Ohio's Construction Aggregates

- Natural Aggregate 4th Nationally
- Limestone 4th Nationally
- Slag Top 4 (2nd in Steel Manufacturing)





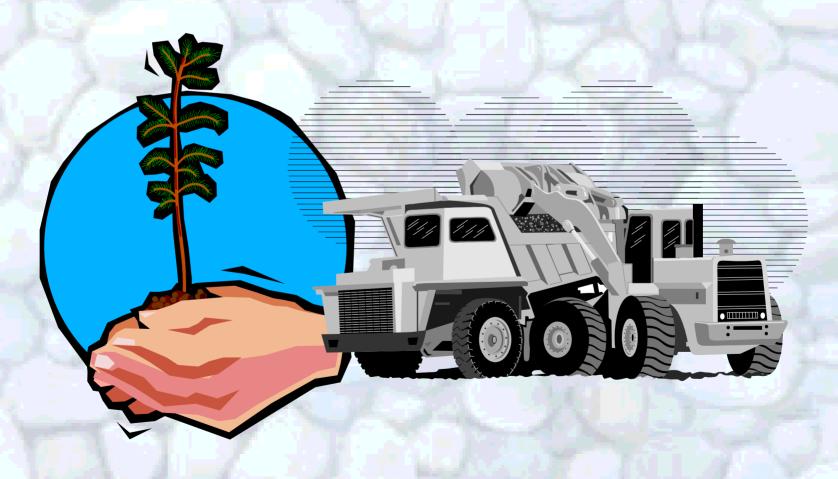


Ohio's Industrial Minerals

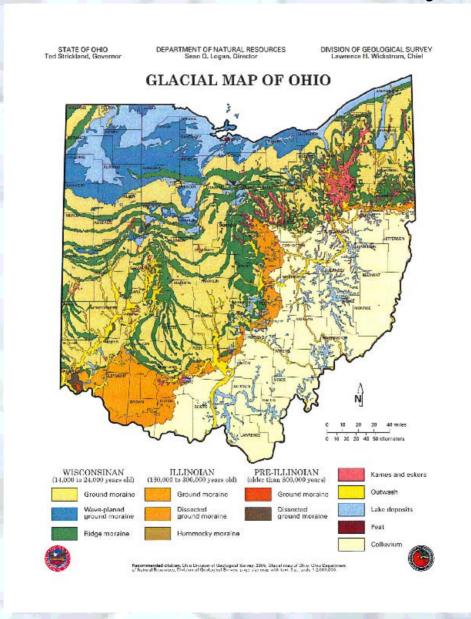
- Clay & Shale 5th Nationally
- Sandstone & Industrial Sands 2nd Nationally
- Salt 5th Nationally
- Gypsum 14th Nationally
- Cement 10th

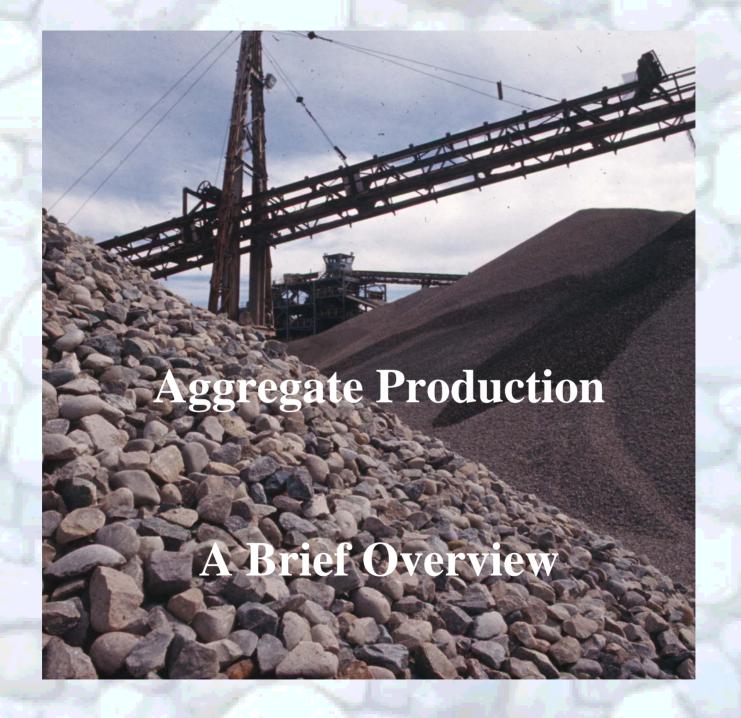
Overall Ohio is 10th nationally in Aggregate and Mineral Production

"If it can't be grown, it has to be mined"



Resources Are "Where they Are"





BLASTING

Bore holes are loaded in the pit area of the blast site.







We Also Dredge the Rock....

DREDGING: Sand and Gravel deposited from glaciers many, many years ago..





HAULING

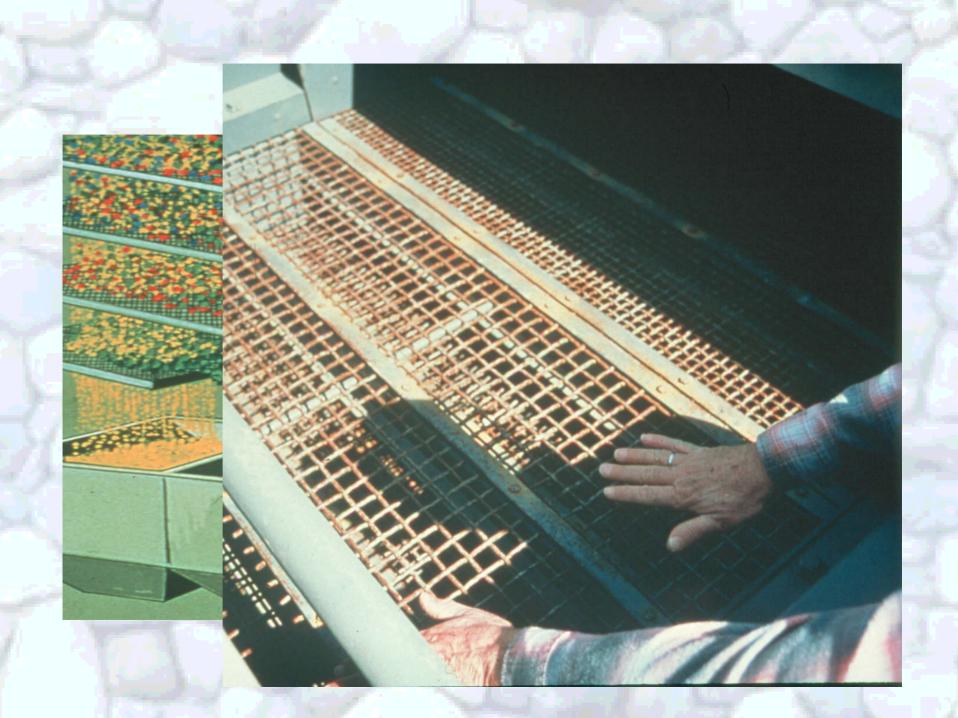
Wheel loaders haul the broken rock and load it into haul trucks. Then the rock is transported to the processing plant.



Haul trucks carry from 75-90 tons – do you know what that is in pounds?

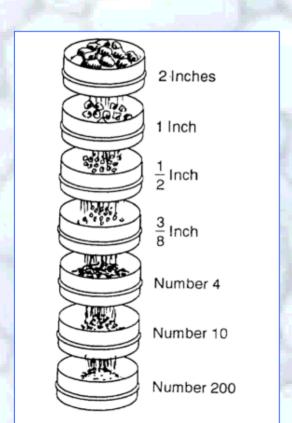
Crushing





Aggregate

Gradation





Specifications

ODOT No. 57's

Sieve Size	Percent Passing
1-1/2"	100
1"	95-100
3/4*,	
1/2*,	25-60
3/8"	
#4	0-10
#8	0-5

STOCKPILING

After the crushing station, the rock is stored in a variety of stockpiles.





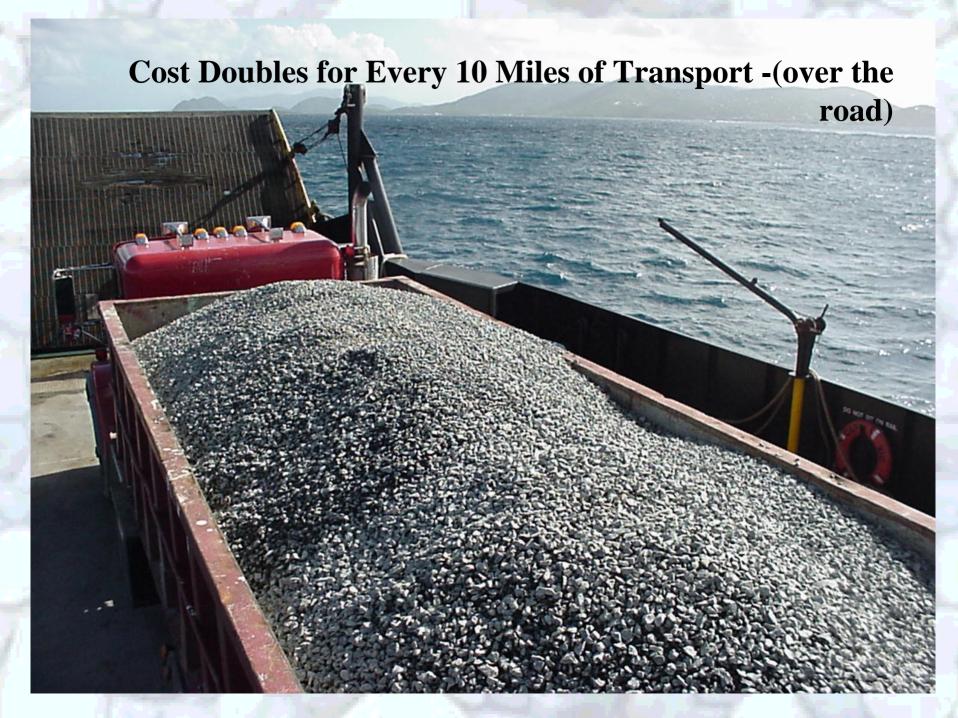


DISTRIBUTION

The rock is transported by truck, rail or waterway to the customer.







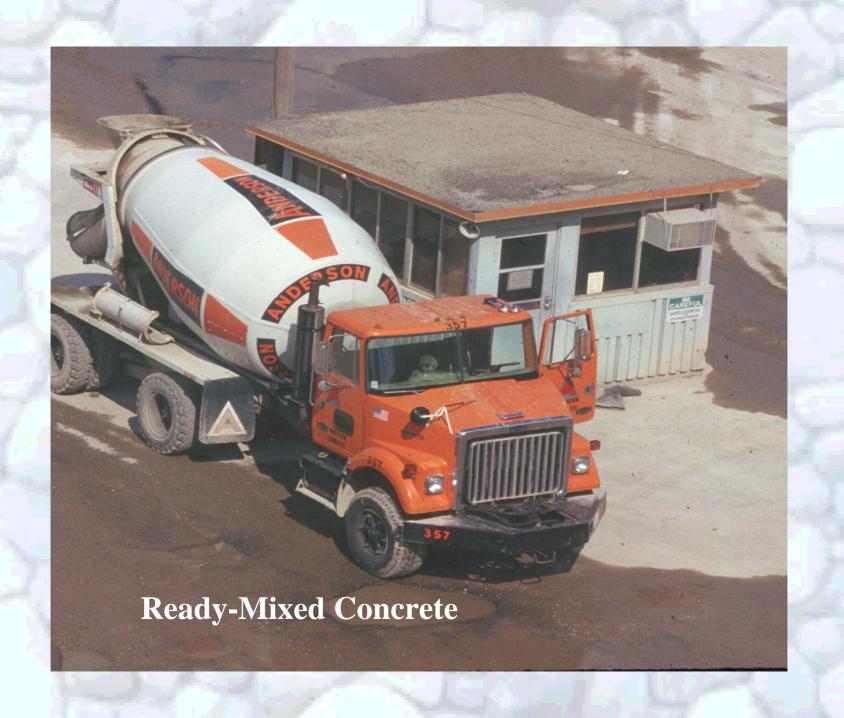


- Usually 100% Aggregate
- Sometimes Stabilized with Portland Cement, Lime or Asphalt Cement







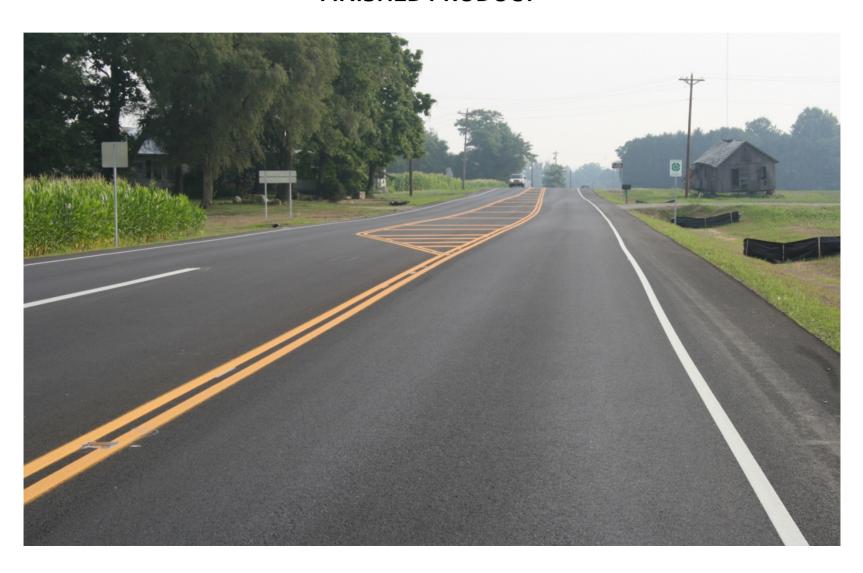


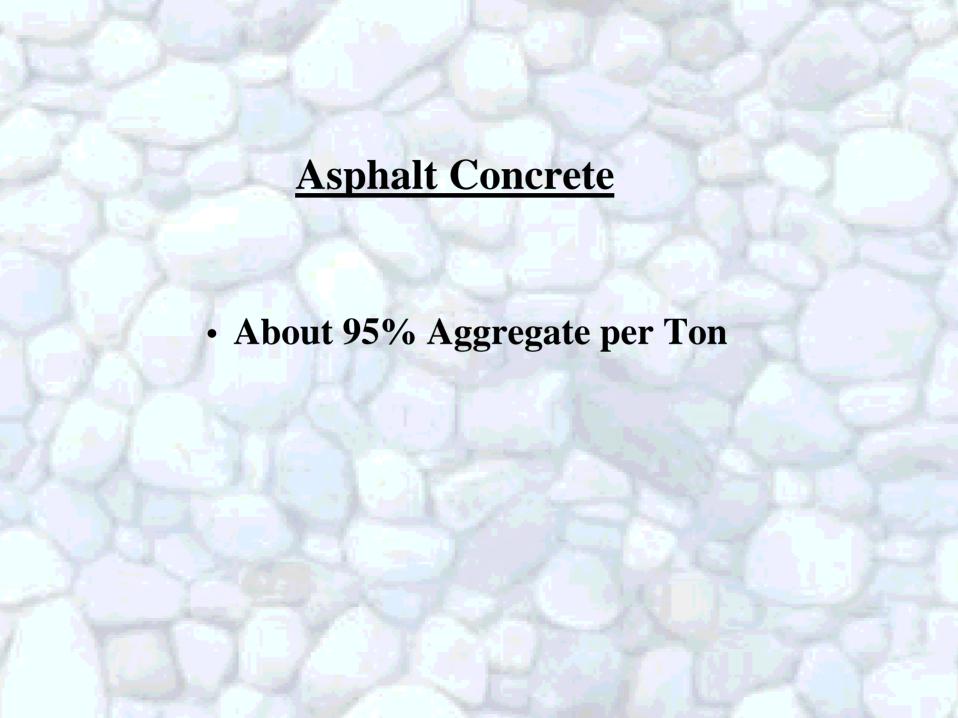


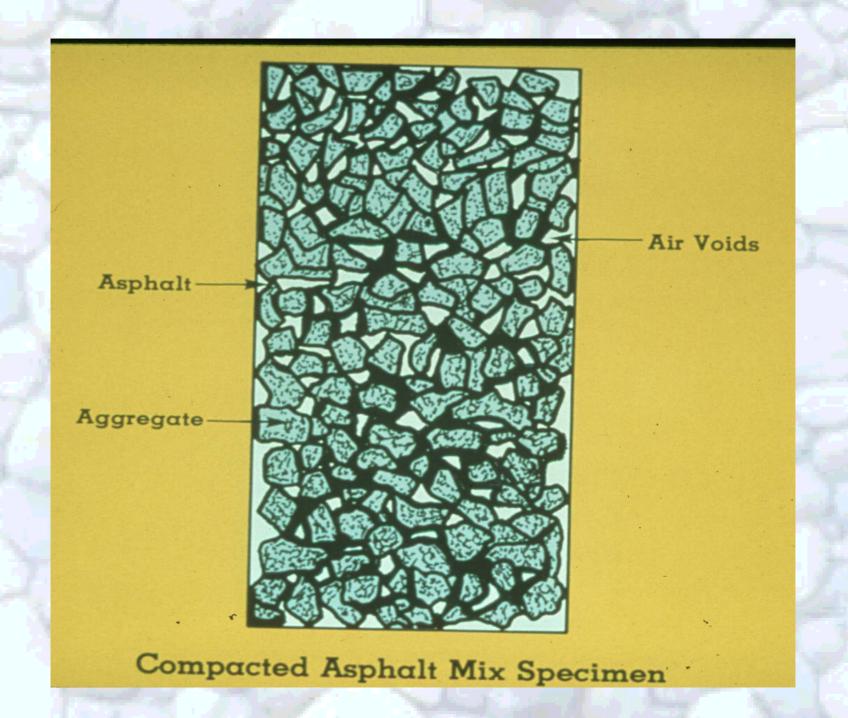


Road Construction

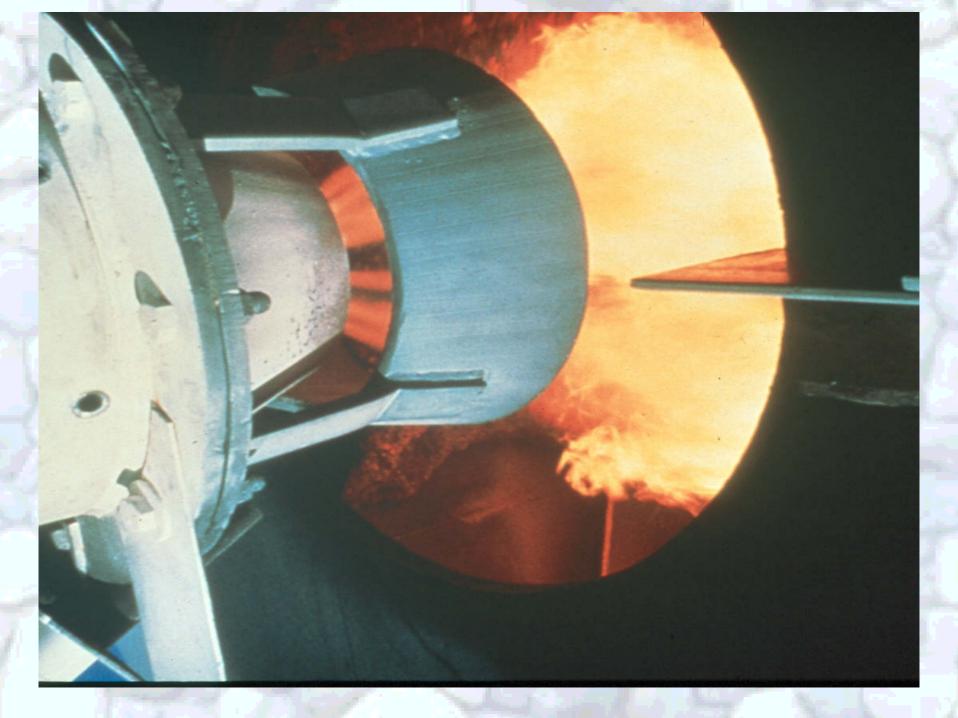
FINISHED PRODUCT

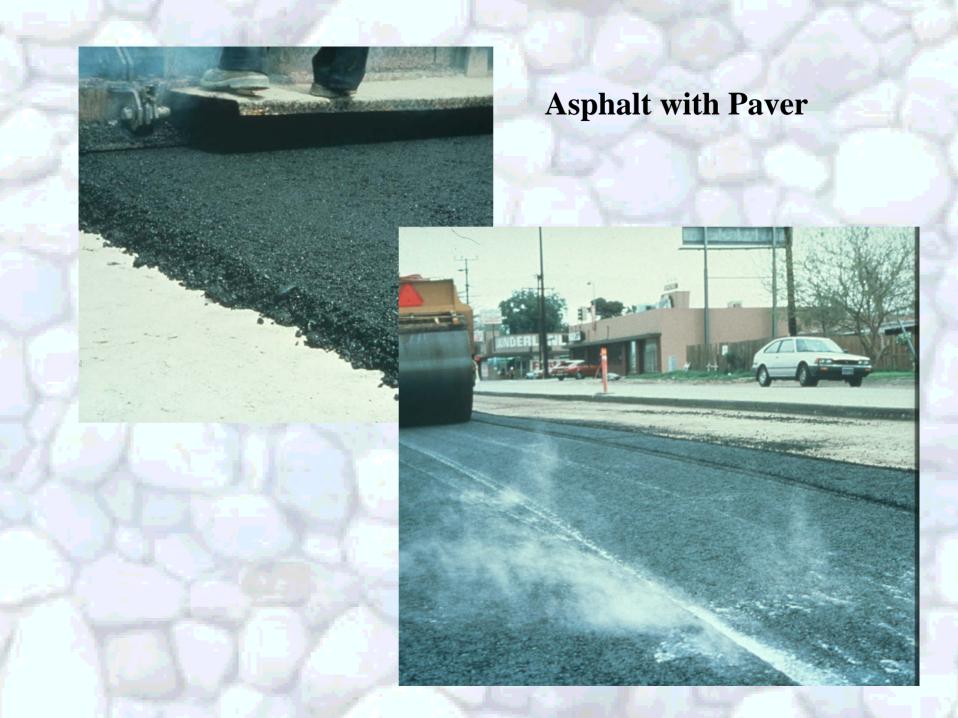




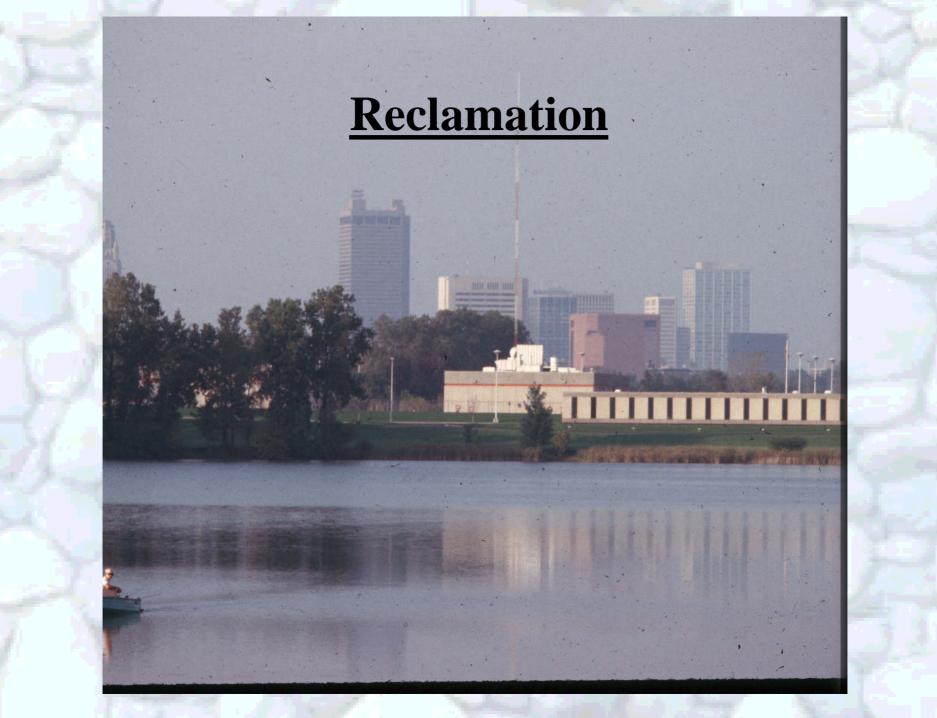




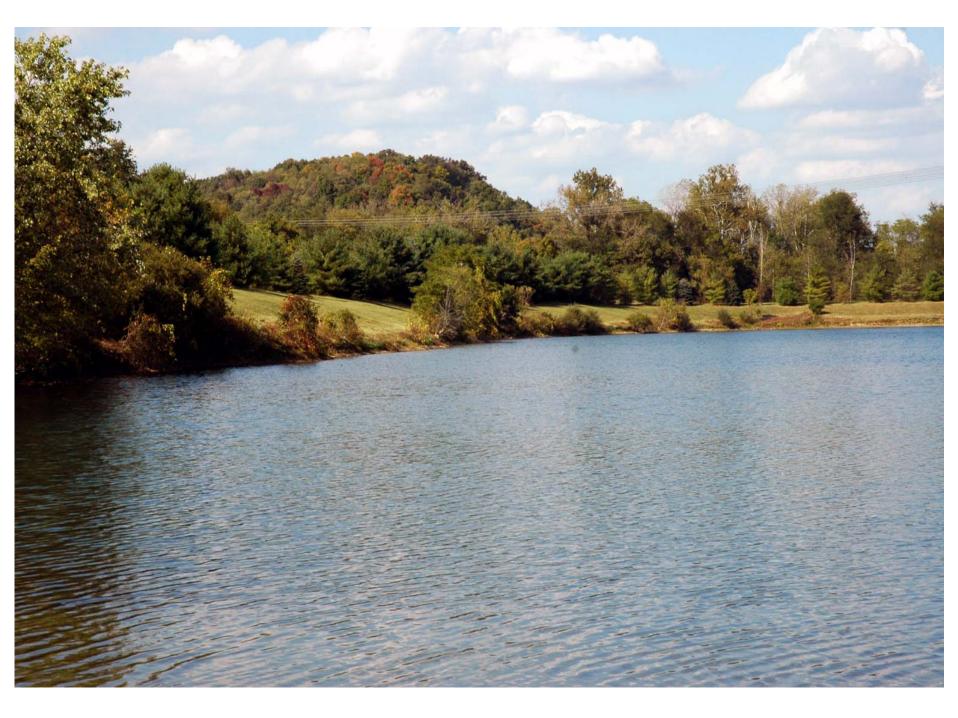


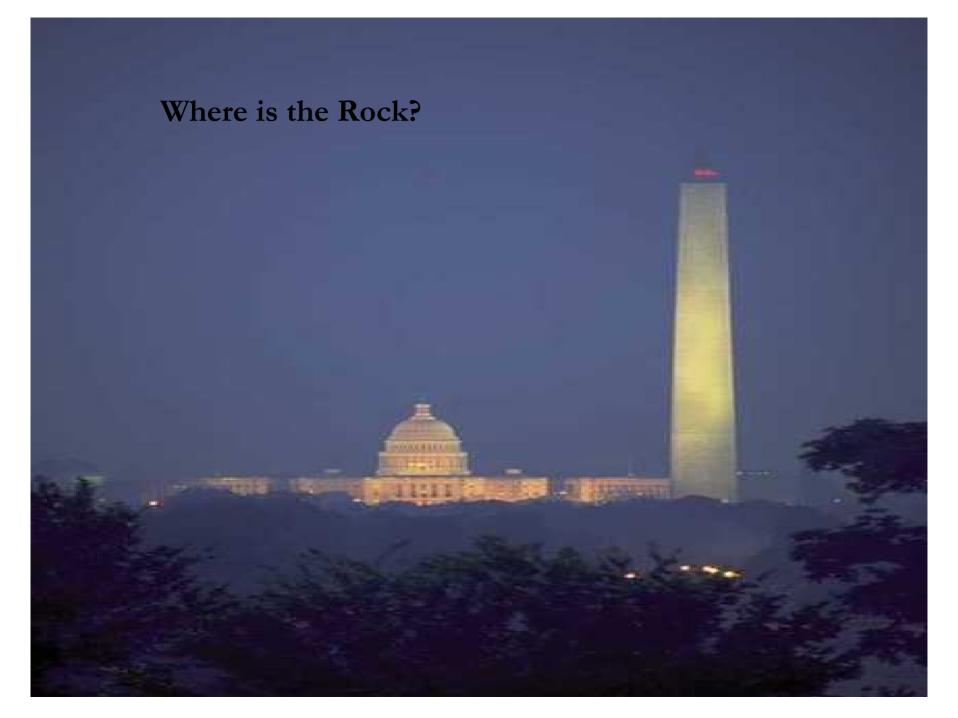


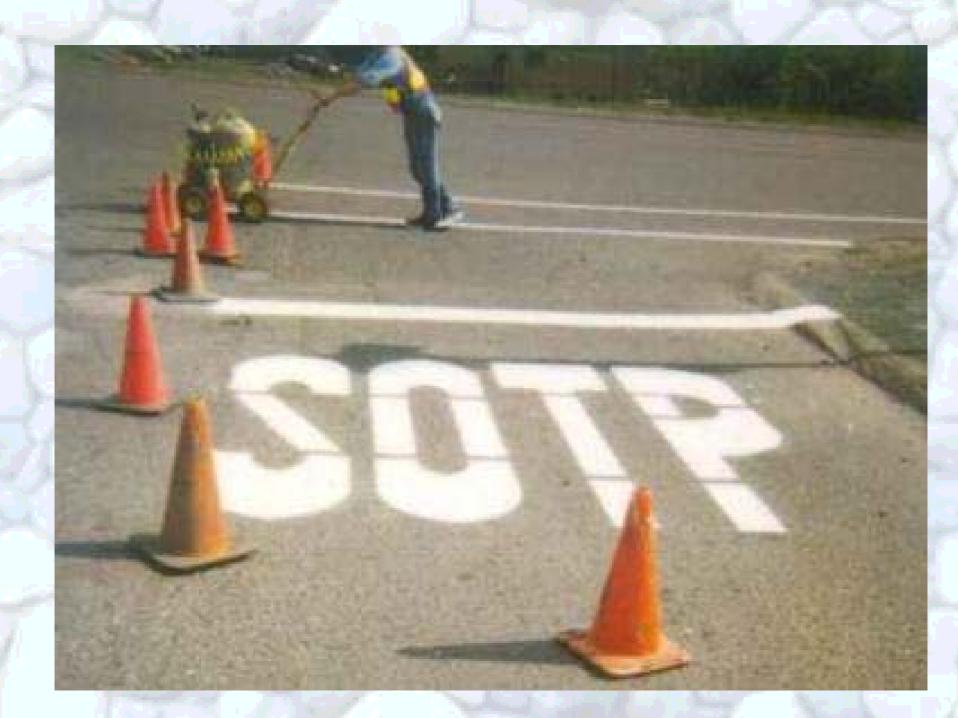












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