

SIGN-IN SHEET

North Dakota Department of Transportation, Civil Rights
SFN 59531 (5-2018)

Page ____ of ____

Meeting Location Hulbert Aquatic Center, 620 7th Ave East, West Fargo		Division/District/Consultant Barr Engineering Co.	Meeting Type Public Input Meeting	Meeting Date 01/10/2023
Project Number NHU-8-010(047)934			PCN 23288	
Project Description Slide Repair - West Fargo Main Avenue and Sheyenne Street				

Name (Please print)	Title/Representing			
Address	City	State	ZIP Code	
Email Address		Telephone Number		

Name (Please print)	Title/Representing			
Address	City	State	ZIP Code	
Email Address		Telephone Number		

Name (Please print)	Title/Representing			
Address	City	State	ZIP Code	
Email Address		Telephone Number		

Name (Please print)	Title/Representing			
Address	City	State	ZIP Code	
Email Address		Telephone Number		

Name (Please print)	Title/Representing			
Address	City	State	ZIP Code	
Email Address		Telephone Number		

Name (Please print)	Title/Representing			
Address	City	State	ZIP Code	
Email Address		Telephone Number		

Name (Please print)	Title/Representing			
Address	City	State	ZIP Code	
Email Address		Telephone Number		

NDDOT TITLE VI PUBLIC PARTICIPATION SURVEY

North Dakota Department of Transportation, Civil Rights
SFN 60149 (3-2022)

PLEASE USE DARK INK AND PRINT CLEARLY

The Civil Rights Act of 1964 and related nondiscrimination authorities require the North Dakota Department of Transportation to ensure everyone has the opportunity to comment on the transportation programs and activities that may affect their community.

To help with that, we ask that you respond to the following questions. You are not required to disclose the information requested in order to participate. Any information provided to the NDDOT will be retained solely for the purpose of collecting statistical data to ensure inclusion of all segments of the population affected by transportation programs and activities.

Sex: <input type="checkbox"/> Female <input type="checkbox"/> Male <input type="checkbox"/>	Disability: <input type="checkbox"/> Yes <input type="checkbox"/> No
Age: <input type="checkbox"/> Under 18 <input type="checkbox"/> 18-40 <input type="checkbox"/> 41-65 <input type="checkbox"/> 65+	
Race: <input type="checkbox"/> White <input type="checkbox"/> Asian <input type="checkbox"/> Native Hawaiian/Other Pacific Islander <input type="checkbox"/> American Indian/Alaskan Native <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> _____ <input type="checkbox"/> Black/African American	
Language Most Frequently Spoken in your Home: <input type="checkbox"/> Spanish <input type="checkbox"/> Vietnamese <input type="checkbox"/> Japanese <input type="checkbox"/> German <input type="checkbox"/> Arabic <input type="checkbox"/> Other Slavic Language <input type="checkbox"/> Other African Language <input type="checkbox"/> Russian <input type="checkbox"/> English <input type="checkbox"/> Chinese <input type="checkbox"/> Other India Language <input type="checkbox"/> _____	
Do you receive public assistance? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How did you hear about this event? <input type="checkbox"/> Internet <input type="checkbox"/> NDDOT Contact <input type="checkbox"/> Television <input type="checkbox"/> Radio <input type="checkbox"/> Newspaper <input type="checkbox"/> Advocacy Group <input type="checkbox"/> Mailing <input type="checkbox"/> Social Service Agency <input type="checkbox"/> _____	

For Office Use Only

Event Date (MM/DD/YYYY)	City	County	Div/Dist Number	PCN																							
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table>												<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table>				<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table>			<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table>			<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> <td style="border: 1px solid black; width: 20px; height: 20px;"></td> </tr> </table>					

MPO: <input type="checkbox"/> Bismarck-Mandan <input type="checkbox"/> Fargo-Moorhead Metro COG <input type="checkbox"/> Grand Forks-East Grand Forks	ROW: <input type="checkbox"/> Negotiation <input type="checkbox"/> Relocation	Subrecipient: <input type="checkbox"/> Yes <input type="checkbox"/> No
---	--	---

*After you have completed this form, please place it in the designated location.

PUBLIC INPUT MEETING

Proposed landslide repairs along US Highway 10 (Main Avenue) near the intersection of Sheyenne Street in West Fargo

Pile installation to stabilize the slope, road and sidewalk repairs, and storm sewer repairs



JANUARY 10, 2023

Open House:

5:30–6:00 p.m., 6:30–7:30 p.m.

Presentation: 6:00–6:30 p.m.

HULBERT AQUATIC CENTER

Room P140

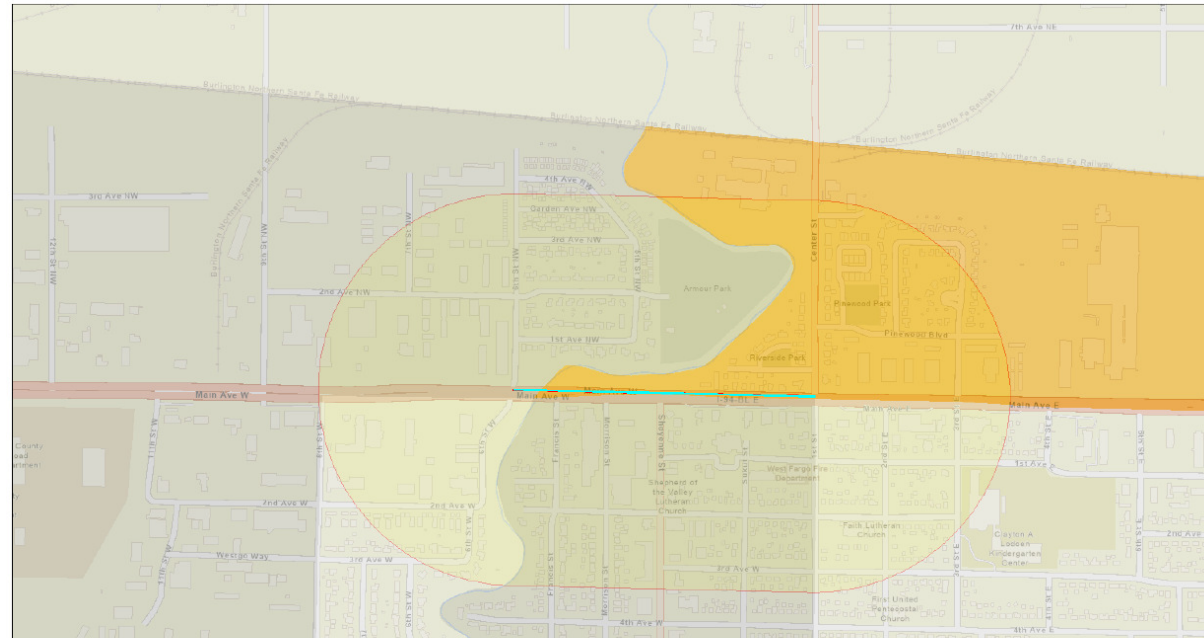
620 7th Ave East

West Fargo, ND 58078

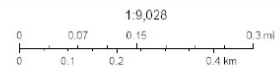


NDDOT's Commitment to Environmental Justice

- Project study area
 - 0.25 mile buffer
 - Approximately 1146 residents
- Low-Income Population
 - >10% above City average
- Additional outreach for Public Input Meeting
 - Advertisement in West Fargo Focus (mailed to all addresses in City)
 - Flyers posted at public library and area businesses
- Avoid, minimize, and mitigate impacts such that there are no substantial adverse impacts to any population




December 29, 2022



Esri Community Map Contributors, County of Cass, ND, State of North Dakota, © OpenStreetMap, Microsoft, Esri, HERE, DeLorme, Swire, GeoTechnologies, Inc., METI/NSA, USGS, EPA, NPS, US Census Bureau, USDA

Demographic	Project Study Area (including 0.25-mile buffer)	West Fargo
Minority Population	18%	10%
Low-Income Population	29%	13%

Information for Highway and Street Projects

A black and white photograph of a bridge over a river. The foreground is filled with tall reeds. The bridge has a concrete support pillar visible. In the background, there are trees and a car on the road.

*For distribution by the
North Dakota
Department of Transportation
and political subdivisions of
North Dakota.*

Prepared by

**NORTH DAKOTA
DEPARTMENT OF TRANSPORTATION**

Bismarck, North Dakota
dot.nd.gov

January 2016

Steps in Highway Planning, Design, and Construction

TRAFFIC SURVEYS

Traffic surveys are studies of the traffic flow from which engineers can determine the numbers and types of vehicles using a specific length of highway on any given day or hour.

Surveys are taken by means of mechanical counters and personal interviews. This information, along with maintenance cost records and safety issues, is the basis for determining the need for a new or improved highway or street.

PROGRAMMING

After highway or street improvement needs are established, they are presented to planning engineers and are included in a long-range highway or street program. Each proposed improvement is then considered, along with other improvements, and is given a priority and placed in the program.

PRELIMINARY ENGINEERING

Preliminary engineering covers all studies and surveys necessary to plan and design a highway or street.

The location engineer, through the use of aerial photographs and on-site inspection, studies the terrain in the area, selects the most feasible routes, and presents them to engineers in other specialized fields for study. The engineer prepares a cost estimate and analyzes the advantages and disadvantages of each route.

The final route is selected after public meetings/hearings. Surveys are then completed including laying out a centerline and measuring elevation and drainage. The exact location of all buildings, fences, power poles, dams, wells, corrals, and other improvements is also documented.

PUBLIC MEETINGS/HEARINGS

Public meetings/hearings provide the public an early opportunity to comment on projects. Public meetings/hearings are held in the locale of most projects. Notices of scheduled meetings/hearings are published in local newspapers and press releases are sent to media.

All available facts are gathered and presented at these meetings/hearings. The public is invited to present their views. Everyone is urged to attend and will be given the opportunity to comment and ask questions concerning the proposed route. You may be able to provide useful information that the North Dakota Department of Transportation (NDDOT) or the political subdivision can use as it makes a final decision on the proposed project.

FINAL DESIGN

Final design of the project begins as soon as the exact project location is decided.

Design plans will describe in detail how the highway or street will be built. This includes grades, drainage, slopes, and other details, as well as the limits of the necessary right of way which must be acquired for construction.

VALUATIONS

Highway or street construction projects will, at times, require additional right of way from adjoining properties. Depending upon a project's specific design requirements, private property may have to be acquired partially or in total; either permanently (i.e. in fee, or by easement), temporarily (e.g. temporary construction easement), or a combination thereof.

Before right of way is acquired, NDDOT will first establish and submit to the property owner a written offer of the amount believed to be just compensation. Depending upon the complexity of the acquisition, this offer will either be based upon a Waiver Valuation or an approved appraisal. Both methods employ

the Sales Comparison Approach, one of the most common methods of property valuation. Regardless of the method used, the same basic valuation principles used nationwide are employed by NDDOT to ensure that the property's market value estimate is developed objectively and impartially. This provides the best assurance that NDDOT's offer will be fair and reasonable to both the property owner and the general public.

If NDDOT or the acquiring local public agency believes the acquisition of the property is uncomplicated, and a review of available data supports a fair market value that is \$10,000 or less, a Waiver Valuation will be prepared as the basis for the agency's offer.

An appraisal will be prepared when the acquisition is complex or otherwise does not meet Waiver Valuation criteria. The appraiser will offer you, the property owner, the right to be present during the inspection of the property. If you are unable or don't wish to be present during the inspection, you may appoint a representative to be present in your place. It is to your benefit to accompany the appraiser on the inspection, as it is an opportunity to point out any features of the property that you believe may be relevant to its valuation. A thorough appraisal provides the best assurance of a satisfactory settlement.

The appraiser will personally inspect the property and will review the details of the proposed acquisition with you or your representative. If only part of the property is to be acquired, the appraiser will also explain how the acquisition will affect the remaining property. The appraiser will consider all information pertinent to the value of your property, including (but not limited to) recent sales of comparable property, construction costs, rental values, etc.

When only part of the property is acquired, the appraiser will evaluate the effects of the acquisition on the property remaining, taking into consideration any damages that accrue from the acquisition, such as a separation of the remaining property into two

or more parcels; the cost of moving or constructing new fences; or restrictions on access to and from the highway or street. Special benefits, which result in an increase in the value of the remaining property, are also considered.

After completing the investigation, the appraiser prepares a written report describing in detail the basis for the appraisal. The completed appraisal report is then submitted to NDDOT for critical review. As part of the review process, the Review Appraiser may view your property and recommend additions or corrections to the original appraisal. The review will consider whether the work provides a credible basis for the appraiser's opinion, while meeting minimum standards of professional appraisal practice. Only after a thorough review concludes that the work meets these criteria will the appraisal be approved as a basis for the Agency's offer. Should the review conclude that the work is not acceptable, a new appraisal will be obtained and the review process will begin anew. The appraisal and review processes are a system of "checks-and-balances," designed to ensure an objective, impartial, and credible valuation.

If, for some reason, you do not wish to have your property appraised, another option is available. Property owners may waive the right to an appraisal, choosing instead to donate all or part of the property interest needed for the project. Donations are a common practice when the acquisition is small in size and the value is minimal.

NEGOTIATION

All real estate transactions are the result of discussions between two parties. These discussions are called negotiations and are essential in reaching an agreement satisfactory to both parties.

An acquisition agent, representing NDDOT or the political subdivision, will meet with you to give you a firm offer, in writing, for the necessary right of way.

The agent's primary duty is to advise and assist you in every possible way as to the process of selling

your property to NDDOT or the political subdivision.

It is the agent's obligation to be knowledgeable about the highway or street system and real estate transactions. The agent:

- Can answer many of the questions you may ask about the effect of the proposed improvement on your property.
- Can answer most questions about mortgages, liens, taxes, legal documents, and many other topics.
- Will have all the necessary documents, and will be willing to explain them to you.
- Can help you arrange a release of a mortgage or lien if necessary.
- Must inform you of your rights in eminent domain and, when applicable, your reimbursement rights for moving personal property as well as your possible eligibility for the Relocation Assistance Program.
- A voucher copy of the transaction will be provided when you receive payment.

NDDOT and the political subdivision recognize that some property owners do not care to sell, and at times there will be some inconvenience connected with the sale. It is intended, however, that when negotiations are complete, you can say that you have been treated courteously and fairly.

ALTERNATIVE TO SETTLEMENT

When, for some reason, the necessary right of way cannot be acquired by a negotiated settlement, the representatives of NDDOT or the political subdivision have the right to take the needed right of way through the laws of eminent domain. These are laws under which NDDOT and nearly all political subdivisions, as well as certain utility companies, have the right to take private property for the benefit of the public. These laws also protect the rights of the

property owner by requiring that fair market value be paid for all property acquired.

This action, more commonly known as “condemnation,” is undertaken in North Dakota in accordance with pertinent statutes under Article 1, Section 16, of the North Dakota Constitution. It is used only when necessary.

When condemnation becomes necessary, NDDOT or the political subdivision place a monetary deposit with the clerk of court of your county. This deposit must be a reasonable offer for the damages incurred. NDDOT and the political subdivision may have the right to immediate possession of the condemned property, depending on their specific charters, bylaws, etc.

The property owner is notified by the clerk of court of the action and the amount deposited. At this point the property owners may either accept the offer and withdraw the total amount deposited or file an appeal with the district court for determination of damages. This appeal must be filed within 30 days after receiving the notice from the clerk of court. Property owners who withdraw the deposited payment still may appeal, as may others with an interest in the property.

Although it is not legally required as part of eminent domain proceedings, NDDOT or the political subdivision also sends a notice to each party having an interest in the property. This informs the property owner of the action and advises that when condemnation is undertaken; all improvements including buildings, fences, dams, wells, etc., on the condemned right of way become the property of the state, county, or city. The improvements cannot be removed without written approval from NDDOT or the political subdivision.

RELOCATION ASSISTANCE

Under state and federal laws, all persons who are required to move or relocate their family or business as a result of the taking of right of way for highway

or street purposes are entitled to certain rights and compensations. These are explained in detail in another brochure given to all persons forced to relocate. In most cases, an agent from NDDOT will help with the relocation assistance process.

CONTRACTS LET (BID)

Nearly all construction projects are let to competitive bids. Public bid lettings, at which contractors are invited to offer bids, are held periodically. Results of these bids are then considered and contracts are awarded to the lowest bidder capable of handling each project. All right of way must be acquired or condemned before construction contracts are advertised for bids.

FREQUENTLY ASKED QUESTIONS

When can I expect payment?

Generally, payment for right of way can be expected within 30 days following transfer of title. Titles clouded by mortgages, judgements, liens, etc., will probably take somewhat longer.

What about the mortgage on my property?

Representatives from NDDOT and the political subdivision generally make arrangements with mortgagees for release of mortgaged property. Payment for mortgaged property is usually made to the owner and the mortgagee jointly, and arrangements for division of the payment must be worked out between them.

What about my buildings?

Owners of right of way involving buildings are generally given a choice of plans for consideration in negotiated settlements. First, NDDOT or the political subdivision offers to purchase the buildings outright along with the land, in which case the buildings are later sold at public auction or by sealed bids. Second, the property owner may choose to retain the improvements at a predetermined salvage value.

The salvage value will be deducted from the overall purchase price. Third, consideration will be given to payment for the cost of moving the buildings.

NDDOT and the political subdivisions have the responsibility to make sure, in all transactions involving the moving of buildings, that the cost to move the buildings does not exceed the value of the buildings in place. This would be an unwise expenditure of public funds.

How soon will I have to move?

Every effort will be made to give occupants enough time to relocate. Ordinarily at least 90 days from the date of acquisition will be allowed.

Additional comments and answers to relocation questions most often asked are covered in the relocation brochure.

Must I pay income tax on the money received?

The sale of your property for highway or street purposes is considered by the Internal Revenue Service (IRS) as an "involuntary conversion." It is not necessary to pay income tax or capital tax if the money you receive is similarly reinvested within a given time. You should, however, check with the IRS or a local tax consultant for answers to your questions.

Where can I get additional information?

The acquisition agent who contacts you to purchase your property can usually provide any information requested, or will find it and report back to you.

FOR MORE INFORMATION ON:

County and City Projects

Contact the local public agency or municipality in which the project is located.

You may also contact:

- NDDOT, Local Government Division
Office701-328-2540

State Highway Projects

- Project Design Issues, NDDOT, Design Division
Office701-328-2555

State Highway Projects

- Right of Way and Relocation Assistance issues
NDDOT, ETS Division
Office701-328-2590
Toll-Free:866-785-1596
Fax701-328-0310
TTY.711 or 1-800-366-6888

Reasonable Accommodations

- NDDOT, Civil Rights Division
Office701-328-2978
Emailcivilrights@nd.com
TTY.711 or 1-800-366-6888

The NDDOT will consider every request for reasonable accommodation to provide:

- An accessible meeting facility or other accommodation for people with disabilities.
- Language interpretation for people with limited English proficiency (LEP).
- Translations of written material necessary to access NDDOT programs and information

To request accommodations, contact
Civil Rights Division
North Dakota Department of Transportation
701-328-2978 or civilrights@nd.gov
TTY users may use Relay North Dakota at
711 or 1-800-366-6888.



A Citizen's Guide to Understanding Stormwater



EPA 833-B-03-002
January 2003
United States Environmental Protection Agency

Printed on Recycled Paper
50% Recycled Content
100% Post Consumer Waste



After the Storm

For more information contact:

INDDOT

www.state.nd.us/dot/doing.html

or visit

www.epa.gov/nps
www.epa.gov/stormwater



What is stormwater runoff?



Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

Why is stormwater runoff a problem?



Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water.

The effects of pollution

Polluted stormwater runoff can have many adverse effects on plants, fish, animals, and people.

- ◆ Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats.
- ◆ Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.
- ◆ Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- ◆ Debris—plastic bags, six-pack rings, bottles, and cigarette butts—washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- ◆ Household hazardous wastes like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.



◆ Polluted stormwater often affects drinking water sources. This, in turn, can affect human health and increase drinking water treatment costs.

Stormwater Pollution Solutions

Residential



Recycle or properly dispose of household products that contain chemicals, such as insecticides, pesticides, paint, solvents, and used motor oil and other auto fluids. Don't pour them onto the ground or into storm drains.

Lawn care

Excess fertilizers and pesticides applied to lawns and gardens wash off and pollute streams. In addition, yard clippings and leaves can wash into storm drains and contribute nutrients and organic matter to streams.



- ◆ Don't overwater your lawn. Consider using a soaker hose instead of a sprinkler.
- ◆ Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the recommended amounts. Use organic mulch or safer pest control methods whenever possible.
- ◆ Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- ◆ Cover piles of dirt or mulch being used in landscaping projects.

Septic systems

Leaking and poorly maintained septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.



- ◆ Inspect your system every 3 years and pump your tank as necessary (every 3 to 5 years).
- ◆ Don't dispose of household hazardous waste in sinks or toilets.

Auto care

Washing your car and degreasing auto parts at home can send detergents and other contaminants through the storm sewer system. Dumping automotive fluids into storm drains has the same result as dumping the materials directly into a waterbody.



- ◆ Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the ground.
- ◆ Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

Pet waste

Pet waste can be a major source of bacteria and excess nutrients in local waters.



- ◆ When walking your pet, remember to pick up the waste and dispose of it properly. Flushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risks by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local waterbodies.



Education is essential to changing people's behavior. Signs and markers near storm drains warn residents that pollutants entering the drains will be carried untreated into a local waterbody.

Residential landscaping

Permeable Pavement—Traditional concrete and asphalt don't allow water to soak into the ground. Instead these surfaces rely on storm drains to divert unwanted water. Permeable pavement systems allow rain and snowmelt to soak through, decreasing stormwater runoff.

Rain Barrels—You can collect rainwater from rooftops in mosquito-proof containers. The water can be used later on lawn or garden areas.



Rain Gardens and Grassy Swales—Specially designed areas planted with native plants can provide natural places for



rainwater to collect and soak into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather than into storm drains.

Vegetated Filter Strips—Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picks up as it flows across driveways and streets.



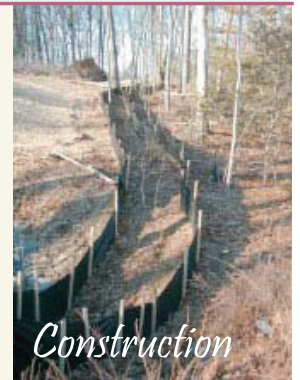
Commercial

Dirt, oil, and debris that collect in parking lots and paved areas can be washed into the storm sewer system and eventually enter local waterbodies.

- ◆ Sweep up litter and debris from sidewalks, driveways and parking lots, especially around storm drains.
- ◆ Cover grease storage and dumpsters and keep them clean to avoid leaks.
- ◆ Report any chemical spill to the local hazardous waste cleanup team. They'll know the best way to keep spills from harming the environment.

Erosion controls that aren't maintained can cause excessive amounts of sediment and debris to be carried into the stormwater system. Construction vehicles can leak fuel, oil, and other harmful fluids that can be picked up by stormwater and deposited into local waterbodies.

- ◆ Divert stormwater away from disturbed or exposed areas of the construction site.
- ◆ Install silt fences, vehicle mud removal areas, vegetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms.
- ◆ Prevent soil erosion by minimizing disturbed areas during construction projects, and seed and mulch bare areas as soon as possible.



Construction



Agriculture

Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also contribute excessive amounts of sediment to local waterbodies. Excess fertilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria, making them unsafe for human contact.



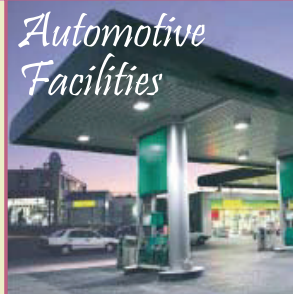
- ◆ Keep livestock away from streambanks and provide them a water source away from waterbodies.
- ◆ Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- ◆ Vegetate riparian areas along waterways.
- ◆ Rotate animal grazing to prevent soil erosion in fields.
- ◆ Apply fertilizers and pesticides according to label instructions to save money and minimize pollution.



Forestry

Improperly managed logging operations can result in erosion and sedimentation.

- ◆ Conduct preharvest planning to prevent erosion and lower costs.
- ◆ Use logging methods and equipment that minimize soil disturbance.
- ◆ Plan and design skid trails, yard areas, and truck access roads to minimize stream crossings and avoid disturbing the forest floor.
- ◆ Construct stream crossings so that they minimize erosion and physical changes to streams.
- ◆ Expedite revegetation of cleared areas.



Automotive Facilities

Uncovered fueling stations allow spills to be washed into storm drains. Cars waiting to be repaired can leak fuel, oil, and other harmful fluids that can be picked up by stormwater.

- ◆ Clean up spills immediately and properly dispose of cleanup materials.
- ◆ Provide cover over fueling stations and design or retrofit facilities for spill containment.
- ◆ Properly maintain fleet vehicles to prevent oil, gas, and other discharges from being washed into local waterbodies.
- ◆ Install and maintain oil/water separators.