



Right of Way Registration Form
Public Works Department
1336 Cornell Road
Green Bay, WI 54313

Registrant's Information

Corporate Name:

Corporate/Regional Contact Person:

Digger's Hotline Registration Certificate Number

Address:

Email:

Telephone:

Facsimile Number:

Local Emergency Representative's information (This person shall be available 24 hours per day)

Name:

Address:

Email:

Facsimile Number:

24/7 – Office Phone Number:

24/7 – Home Telephone Number:

24/7 – Mobile Number:

Attach the Corporation's Business certificate under Wis. Stats. if the entity is a corporation, a LLC or LLP

Attach corporate certificate of authority from Wisconsin Public Service Commission

Attach certificate of liability insurance

Attach the annual registration fee of \$10

Registration is valid until Dec 31st of each calendar year.

The registrant shall keep all of the information listed above current at all times by providing to the Department information as to changes within fifteen (15) working days following the date on which the registrant has knowledge of any change.

Signature of Owners Authorized representative: _____ Date: _____

Signature of Local Emergency Representative: _____ Date: _____

Indemnification: By registering with the Village, or by accepting a permit under this Chapter, a registrant or Permittee, as the case may be, agrees to indemnify, defend, and hold harmless the Village, its officers,

boards, committees, commissions, elected officials, employees and agents (collectively, “Indemnified Parties”), from and against all loss or expense (including liability costs and attorney’s fees) by reason of any claim or suit, or of liability imposed by law upon an Indemnified Party for damages because of bodily injury, including death at any time resulting therefrom, sustained by any person or persons or on account of damages to property, including loss of use thereof, arising from, in connection with, caused by or resulting from the permittee’s acts or omissions in the exercise of its rights under this permit, whether caused by or contributed to by the Village or its agents or employees.

Minimum Insurance requirements: The limits of liability for the insurance shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations:

- | | |
|--|-------------|
| 1) Workers’ Compensation, and related coverage’s | |
| a) State: | Statutory |
| b) Applicable Federal (e.g., Longshoreman’s): | Statutory |
| c) Employer’s Liability: | \$500,000 |
| 2) General Liability shall include completed operations and product liability coverage’s | |
| a) General Aggregate | \$1,000,000 |
| b) Products – Completed Operations Aggregate | \$1,000,000 |
| c) Personal and Advertising Injury (per person/organization) | \$1,000,000 |
| d) Each Occurrence (Bodily Injury and Property Damage) | \$1,000,000 |
| e) Personal Injury Liability Coverage will include Claims arising out of Employment. | \$1,000,000 |
| f) Exclusions of property in contractors Care, Custody or Control | \$1,000,000 |
| g) Property Damage liability insurance will provide Explosion, Collapse, and Under-ground coverage’s. | \$1,000,000 |
| h) Excess or Umbrella Liability | |
| i) General Aggregate | \$2,000,000 |
| ii) Each Occurrence | \$2,000,000 |
| 3) Automobile Liability: Owned, hired, and non-owned vehicles | |
| a) Bodily Injury: | |
| i) Each person | \$1,000,000 |
| ii) Each Accident | \$1,000,000 |
| b) Property Damage: | |
| i) Each Accident | \$1,000,000 |
| ii) Combined Single Limit of | \$1,000,000 |
| 4) The Contractual Liability coverage shall provide coverage for not less than the following amounts: | |
| a) Bodily Injury: | |
| i) Each Accident | \$1,000,000 |
| ii) Annual Aggregate | \$1,000,000 |
| b) Property Damage: | |
| i) Each Accident | \$1,000,000 |
| ii) Annual Aggregate | \$1,000,000 |
| 5) Liability coverage for others listed below will be provided, subject to customary exclusions for professional liability | |
| a) By endorsement as additional | |
| i) Insured’s on Liability Policy. | \$3,000,000 |
| [or] | |
| ii) By a separate Protective Liability Policy covering all of them issued by general liability carrier. | |
| 6) <i>List of Additional Insured’s:</i> | |
| a) <i>Village of Howard</i> | |

(provide an original endorsement of coverage with certificate of insurance)

Village of Howard, Public Works Department

Green Bay, WI 54313 P (920) 434-4060 F (920) 434-4072 PERMIT # _____

RIGHT OF WAY MANAGEMENT PERMIT APPLICATION Construct/Operate/Maintain Utilities within Municipal Right-of-Way

Applicant/Company Information

Owner Name: _____ Contact Person: _____
 Current Address: _____ Emergency Phone: _____
 City, State, ZIP : _____
 Phone: _____ Fax: _____ E-mail: _____

Plans prepared by: _____ Phone: _____

CONTRACTOR INFORMATION

Contractor Name: _____ Contact Person: _____
 Current Address: _____ Emergency Phone: _____
 City, State, ZIP : _____
 Phone: _____ Fax: _____ E-mail: _____

LOCATION INFORMATION

Street Address/Location Description: _____

PERMIT APPLICATION REVIEW FEE PART (I) v

INSPECTION WORK TO BE PERFORMED FEE PART (II) v

Open Cut Excavation Fee waived if need For open-cut caused by Public Health, Safety or Welfare Emergency	No Fee	Excavation / boring in Right of Way outside of & no closer than 3' of Street and Sidewalk areas	\$60.00
Small Utility project permit (less than 1000' of roadway)	\$60.00	Excavation / boring within Right of Way - servicing one property	\$60.00
Medium Utility project permit (1000' to 3000' of roadway)	\$115.00	Excavation / boring in Right of Way under or closer than 3' of Street and Sidewalk areas	\$250.00
Large Utility project permit (3000' to 5000' of roadway)	\$175.00	Open Cut Pavement Degradation fees (see chart)	
Very Large Utility project Permit (5000' of roadway)	Actual Cost	Repair bond, erosion control and traffic control plans attached	

Fee Calculation

(I) Permit Application Review Fee \$ _____
 (II) Inspection Work to Be Performed \$ _____ *Utility Permit Fee waived if utility project is done in conjunction with street construction project as long as utilities are constructed prior to curb and gutter and final paving.
TOTAL UTILITY PROJECT PERMIT FEE* \$ _____

DESCRIPTION OF PROPOSED WORK

Utility Type: Gas/Petroleum Electric Communications Sanitary Sewer Water
 Private Line Transmission Distribution Service Facility Size/Capacity: _____

Orientation: Overhead Underground Parallel to Road Centerline Municipal Road
 Tunnel Other: _____

Work Type: New Construction Improve/Repair Existing Maintenance Removal
 Abandon in Place Other: _____

ALL OTHER INFORMATION

Estimated Start Date: _____ Estimated Completion Date: _____

SIGNATURES

PERMIT VAILD UNTIL END OF CALENDAR YEAR. The applicant has received and agrees that the permitted work shall comply with all permit provisions and conditions of the Utility Accommodation Policy in effect at the time of this application, including assuming responsibility for all claims of damage or injury as provided therein, and with any special provisions listed below or attached hereto, and any all plans, details, or notes attached hereto and made a part thereof.

Sig. of Owners Proj. Rep.: _____ Date: _____

Signature of Contractor: _____ Date: _____

Permit Status: Approved Conditionally approved with plan modifications: Denied

Comments: A permit from Brown County, Wis. DOT, or other jurisdiction is also required.

Signature of Municipal Representative: _____ **Title:** _____ **Date:** _____

VILLAGE OF HOWARD ROW PROJECT PERMIT FEE SCHEDULE

The following fee schedule applies to permits issued for utility construction in the municipal street right-of-way or utility easements within the municipality.

FEE PART I:	<u>PERMIT APPLICATION REVIEW FEES</u>	<u>NOTE</u>	<u>FEE</u>
	Small Utility Project Permit Application Fee	(1)	\$60
	Medium Utility Project Permit Application Fee	(2)	\$115
	Large Utility Project Permit Application Fee	(3)	\$175
	Very Large Utility Project Permit Application Fee	(4)	Actual Costs

FEE PART II:	<u>INSPECTION WORK TO BE PERFORMED</u>	<u>NOTE</u>	<u>FEE</u>
		(5)	
	Excavation & or Boring in Right of Way outside of street/sidewalk area		\$60
	Excavation & or Boring within Right of Way –servicing one property		\$60
	Excavation & or Boring within street/sidewalk areas area.		\$250

Open Cut Pavement Degradation Fees (based on area of actual trench width x length, minimum 2 feet wide)

Paser Rating	1	2	3	4	5	6	7	8	9	10
Fee/Square foot	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.23	\$0.34	\$0.49	\$0.76	\$0.80

Repair Bonds: May be made in the form of funds deposited or Surety Bond. Amount: Very large projects 25% of actual pavement repair costs, Large projects \$5,000.00, Medium projects \$2,500.00, Small projects \$1000.00. Repair Bonds will be released at the applicant’s option at the end of the warranty period or held for future permits. If the Village exercises its rights to repair the Right of Way after the applicant has failed to make repairs after 10 days’ notice, the cost of the repair will be invoiced to the applicant to maintain the existing level of the current repair bond. Failure to pay any repair invoice within 30 days will result in refusal to issue new permits or revocations or suspension of existing Right of Way Permits.

NOTES:

- (1) Applies to any utility project size less than 1000 continuous centerline feet of roadway. This fee does apply to a single residential service project.
- (2) Applies to any utility project size 1000 to 3000 continuous centerline feet of roadway.
- (3) Applies to any utility project size 3000 to 5000 continuous centerline feet of roadway.
- (4) Applies to any utility project size greater than 5000 continuous centerline feet of roadway. Application fees will be invoiced on actual costs
- (5) Applies to any work within City’s right of way.
- (6) ENGINEERING SERVICES PROVIDED BY CITY (If applicable to the project.) Engineering Services for Permit Issuance determined based on project scope and compliance.
- (7) If multiple types of work above for “Fee Part II” are being performed, then fees will be based on highest fee listed above
- (8) Permit application fees waived if utility project is done in conjunction with street construction project as long as utilities are constructed prior to curb and gutter and final paving.

NOTE: TOTAL UTILITY PERMIT FEE IS EQUAL TO FEES OF PART I AND PART II

The cost of Howard’s engineering services is in addition to the permit application fee and are considered non-permit costs. The engineering services may vary for each project depending on the scope of the project. These services will be estimated and included with the initial permit application. The engineering services may include the following tasks:

Research of documents/plans and printing cost	Technical assistance during design
Plan technical review for ordinance compliance	Engineering meetings
Inspection of the work for ordinance compliance	Erosion control compliance inspections
Final inspection for completion and warranty	

The estimated engineering services cost will be included and invoiced with the permit application fee. The engineering services are considered non-permit costs and are billed at cost plus overhead.

If additional Howard engineering and services such as non-compliance inspections for erosion control or construction related problems, these inspection and administrative costs will be invoiced to the Permittee as incurred.

VILLAGE OF HOWARD ROW PROJECT PERMIT PROVISIONS AND CONDITIONS OF APPROVAL

FOR RIGHT-OF-WAY EXCAVATION AND OCCUPANCY

The following requirements shall apply to the permit to construct and maintain a utility or other objects, including but not limited to, communication, fiber optic, cable/video, utility service, and any excavation in the street right-of-way and for all work for which the Village of Howard has permitting authority. The Village ROW Management Ordinance, including but not limited to, the following provisions and any other attached special provisions shall govern permits approved, conditionally approved or denied.

PERMIT APPLICATION

A Utility Project Permit is required for all utility projects in the Village of Howard street right-of-way, Village of Howard public property, and platted public utility easements and shall be obtained by application to the Department of Public Works on the forms provided by the Village of Howard.

You must also obtain and furnish documentation of any other permitting required by law.

Each project will be reviewed individually for the safety and welfare of the public including but not limited to vision obstruction, clear zones, breakaway design, fall and failure areas, climbing prevention devices, and corridor management assignments.

Project permit forms include the Project Permit Application, Warranty and Project Completion forms.

1. A utility project permit application shall include a properly signed Utility Project Permit Application form and Construction Warranty form and shall be provided to the permitting authority along with Plans and details, Repair Bond, traffic and erosion control plans and the required fee. The Completion Certificate shall be submitted upon completion of the project.

DEFINITIONS

1. Maintenance: Repairs, replacement of same size type of cable/wiring, minor modifications which do not include additions of structures or other work that will not modify the existing function or capability of the existing utility system are considered routine maintenance work.

STANDARD PROVISIONS

1. The registrant and contractor are responsible to ensure that the proposed facilities are installed in the locations shown on the approved plans including any Village modifications as noted. If the conditional approval modifications are not acceptable to the applicant, applicant shall resubmit alternative plans for further review and consideration.
2. The applicant shall comply with the Village of Howard Municipal Code of Ordinances pertaining to street obstruction and shall obtain necessary permit(s) prior to starting any work with the exception of an emergency in which case the applicant shall have until the next business day to apply. Applicant shall assume all responsibility for any claim of damage or injury made against the Village of Howard caused by such street obstruction. Further, the applicant shall sign and barricade the work zone in accordance with the Manual of Uniform Traffic Control Devices and Wisconsin Supplement. Warning signs and barricades shall be in place prior to start of permitted work and shall stay in place until all permit associated work is completed.
3. The applicant shall comply with Chapter 32 Right of Way Management, Village of Howard, Municipal Code of Ordinances, pertaining to street excavation and shall assume all responsibility for any claim of damage or injury made against the Village of Howard allegedly caused by such excavation. The applicant shall assume all responsibility for any claim of damage or injury made against the Village allegedly caused by the work undertaken pursuant to the utility permit.

4. The applicant shall assure that proper erosion control measures are implemented prior to and at all times during work operations according to the Technical Reference Guidance contained in the Villages Standard Construction Specifications and Standards. The applicant shall be responsible for providing and maintaining erosion control measures to protect all restored areas upon completion of the permitted work until the replacement vegetation achieves a minimum 70% cover. Where applicable, applicant shall obtain a Construction Site Erosion Control Permit pursuant to the Village of Howard Municipal Code of Ordinances. Applicant shall assume all responsibility for any claim of damage or injury made against the Village allegedly caused by its erosion control measures or failure thereof. Restoration work shall be completed within two weeks of the completion of work or completion of 500' portions of the work or if wintertime by May 15th.
5. A copy of the Utility Project Permit and Construction Site Erosion Control Permit, along with plans and specifications, shall be kept at the work site and shall be made available for examination by the Village of Howard representative at all times.
6. Permitted utilities shall be installed according to the minimum clearances according to right of way management corridors unless otherwise approved by the Director of Public Works.
7. All costs for removing, altering, replacing, constructing, and maintaining the utilities installed under this permit shall be the sole responsibility of the applicant, its successors or assigns. The permitted facilities shall, if necessary, be altered at the expense of the applicant to facilitate alteration, improvement, or maintenance of Village of Howard facilities, as may be ordered by the Director of Public Works.
8. Permitted facilities shall be located as defined within this permit and constructed as shown on the engineering plans provided with the utility permit application. Any part of a facility found to be otherwise located shall be subject to correction to such extent as the Director of Public Works may specify and at the sole cost of the applicant.
9. It shall be responsibility of the applicant to determine the location of, and protect or cause to be protected from any damage, all sewer and water utilities already in place in the area of the permitted work. Any damage caused to existing sewer and water utilities by the applicant due to the permitted work shall be repaired immediately and all costs associated with the repair shall be the sole cost of the applicant. The Director of Public Works may require televising of existing sewer utilities, at the sole cost of the applicant, to confirm that existing utilities were not damaged during the work.
10. All notification of adjacent property owners is the responsibility of the applicant. At least seventy-two (72) hours before starting the work the applicant shall provide a notice to all affected property owners including the person with phone number to contact with any questions or concerns during construction. Emergency work notifications shall be made as soon as practical.
11. This permit does not transfer any land; nor give, grant or convey any land right, right in land, nor easement. Any permit approval is for work in the right of way that is under the Village's Jurisdiction.
12. The permitted work shall be coordinated, and in no case interfere with any public improvements being undertaken at the same time. It shall be the responsibility of the applicant to obtain the information from the Village of Howard regarding upcoming sewer and water projects in the proposed work area and incorporate this information into the design and construction plans for the work to minimize interferences, improve safety and optimize the location of the utilities.
13. Construction work and site restoration shall be in accordance with the applicable sections of the Village of Howard Standard Specifications and Construction Standards for Public Works Construction, current edition.
14. Pavement excavations shall be permitted only in locations authorized by the Director of Public Works. Unless otherwise authorized, any utility pipes or cables installed across and beneath pavement shall be installed by jacking and/or dry augering, with no open cut excavation permitted between points no less than feet (3) feet outside the back of curbs or outer shoulders.

15. Any turf area disturbed by the permitted work shall be restored in accordance with the Village of Howard terrace restoration policy. Turf restoration shall be completed within fourteen (14) days of completion of the utility work.
16. Any non-metallic underground pipe or cable shall include a metallic tracer wire or a metallic tracer tape at the same alignment and depth as the carrier, cable or conductor. Such installation shall be as specified by the Village of Howard.
17. Installation of above ground permanent markers within the public right-of-way is prohibited, unless otherwise approved by the Director of Public Works.
18. Manhole covers, water shut-off and regulator valves, and like facilities shall be adjusted to the level of the immediately adjacent grades.
19. Overhead or above grade wiring of any type (new, modification and upgrades) is strictly prohibited except for routine maintenance work. New wiring, modified, and upgraded wiring shall be buried in accordance with Village Ordinances.
20. All permanent above grade utility boxes or cabinets shall be placed (behind the existing or future sidewalk if easements exist) at finished sidewalk / terrace grade and aligned with exiting property lot lines. If sidewalks are not currently installed the finished grade shall be 6-7" above the curb.
21. Utility installations shall not occur until after Village Utility and roadway construction is completed unless specifically approved otherwise.
22. Cables and wires shall be buried in utility easements outside of the right of way when they are available and may only cross streets at right angles.

ENGINEERING REQUIREMENTS

1. Provide two (2) sets of scaled engineering plans with the Utility Permit Application. The plans shall include the following:
 - a. Approximate location and depth of all proposed cable, fiber optic, structures, cabinets and access boxes. Identify the actual dimension of proposed utilities and structures to the street right-of-way.
 - b. Show all planned excavations and bore pits for the project. Any excavations added after issuance of the permit must be approved by the Village of Howard.
 - c. Show all existing and proposed municipal sewer and water, manholes, laterals, and storm inlets and private utilities in the right of way. Identify other significant feature in the right of way and utility easements.
 - d. Site restoration including topsoil, seeding, and mulch must be specified to match preconstruction conditions.
 - e. Identify and provide dimensions and details for all utility cabinets, structures and other above grade facilities are to be located on private property easements or on public utility easements outside the right-of-way unless otherwise approved by Director of Public Works.
 - f. Landscaping of all above grade structures must be provided and approved by the Village of Howard. All cabinets are must be shielded from view by landscaping within Right of Way (ROW).
2. Applicable requirements of the Village of Howard Construction Site Erosion Control Ordinance shall be shown on the plans.
3. Record drawings of the construction work shall be provided to the Village of Howard.

STREET AND ROADWAY EXCAVATION

1. Excavations occurring within an existing asphalt or concrete surface shall be saw cut full depth prior to removal. Excavations occurring within the limits of existing or proposed pavements, driveways, parking areas, and sidewalks shall be backfilled in 12-inch layers with WDOT highway design manual approved and

mechanically compacted to obtain 95% standard proctor density or compacted to 100 % native / original soil density, whichever is greater. All surplus excavation material shall be disposed of by the applicant. Excavations shall be closed by the end of the workday. Permanent replacement of pavement surfaces shall be restored within 6 weeks of the completion of any 500' portion of the work. Cold mix shall be installed and maintained as a temporary pavement surface until permanent pavement is restored. Excavations within an existing asphalt or concrete street surface shall be restored as follows:

- a. Asphalt streets – Replace to original depth with bituminous concrete binder and surface material (see standard details).
 - b. Concrete streets – Replace to original depth with concrete pavement installed by a Village of Howard pre-qualified contractor.
 - c. Curb & Gutter – Work to be performed by a Village of Howard pre-qualified contractor, per standard specification.
 - d. Driveways & Sidewalks – Work to be performed by a Village of Howard pre-qualified contractor, per standard specification.
 - e. Cored Potholes – Repair using infrared patching on asphalt streets, and filling with concrete on concrete streets. Potholes must not exceed 10" diameter.
 - f. Patching - During periods when hot bituminous concrete material is not available the applicant may request permission to utilize cold mix asphalt material. When requested and approved by the Village of Howard the applicant may use cold mix as a temporary patch until final repairs are made. Consideration in granting this approval include the availability of hot mix asphalt and the number of repairs to be made. The applicant shall be responsible for maintaining the cold mix until the final repair is completed.
2. Surface tolerances for street repairs shall meet the standard for new construction. The finished surface of the street repair, when tested with a ten (10) foot straightedge parallel to the centerline or perpendicular across joints, will show variations measured from the testing face of the straightedge to the surface of the street repair shall not exceed one-quarter (1/4) inch. In the event pavement variances exceed the 1/4 – inch requirement or other quality factors during the three-year warranty period, reasonable consideration of the condition of the surrounding street will be made in determining compliance with the Three-Year Warranty Agreement.

WARRANTY REQUIREMENTS

1. A Three Year Warranty Agreement is required stating that the applicant shall be responsible for maintenance and repair costs of any open-cut trench, pavement failure, sidewalk and curb construction for a 3-year period after submission of the signed project Completion Certificate.
2. The Village of Howard may require the applicant, at applicants cost, to video televise any existing underground municipal utilities adjacent to the applicant's work to confirm that no damage was incurred to the municipal utilities.

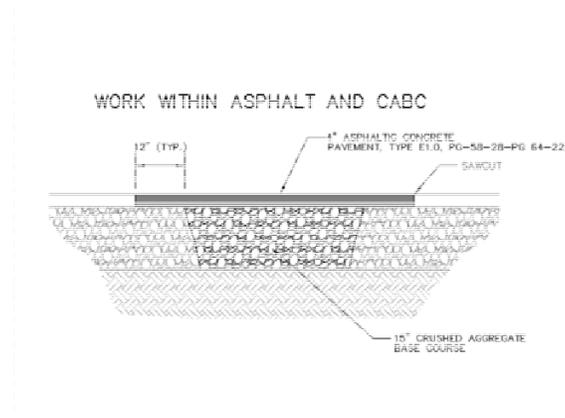
Village of Howard

Pavement Repair – Utility Excavation

Asphalt Pavement

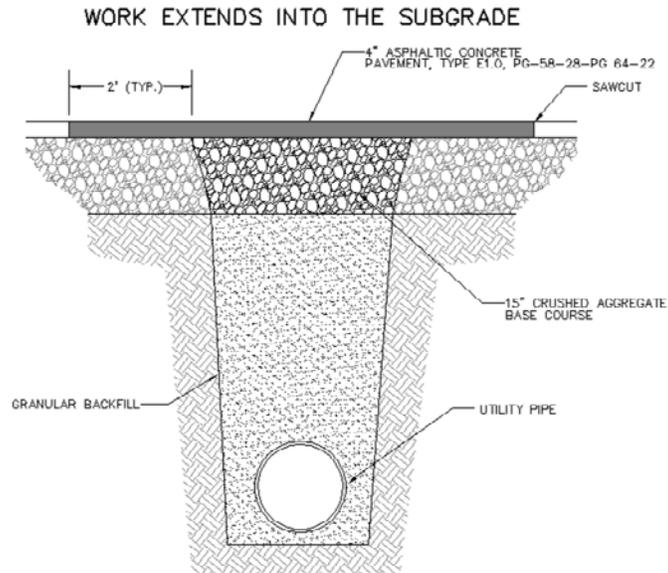
Depth of Excavation

Type 1 Excavation – Work occurs within the street in the asphaltic concrete pavement or crushed aggregate base course, or a maximum depth of 24 inches.



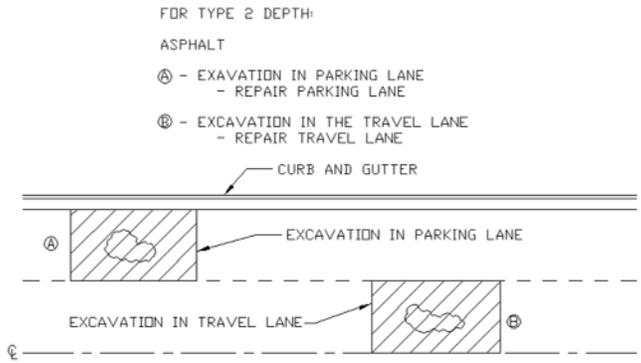
- (1) Pavement replacement is to extend 12 inches beyond the excavation limits.
- (2) Pavement replacement may be extended to an existing joint line or crack depending on the location of the excavation.

Type 2 Excavation – Excavation is to a depth greater than 24 inches



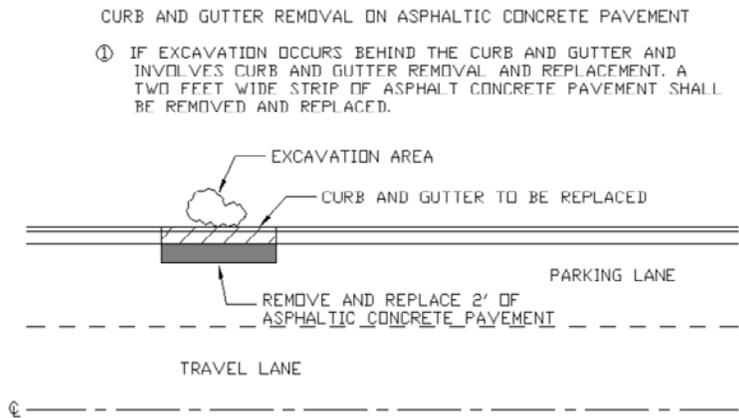
- (1) Pavement replacement is to extend 24 inches beyond the excavation limits.
- (2) If excavation occurs outside of the travel lane, repair to the edge of the travel lane (see detail).
- (3) If excavation occurs in a travel lane, repair the travel lane (see detail).

The travel lane is generally between 10 and 12 feet wide. The width may vary dependent on street width and parking restrictions on a street. The location of the travel lane will be determined by the engineer.



Other Notes –

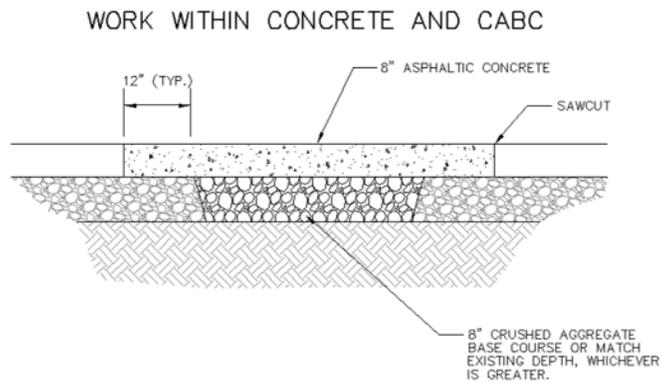
- (1) If excavation occurs behind the curb and involves curb and gutter removal, a two foot wide strip of asphaltic concrete pavement shall be removed and replaced in front of the curb and gutter.



CONCRETE PAVEMENT

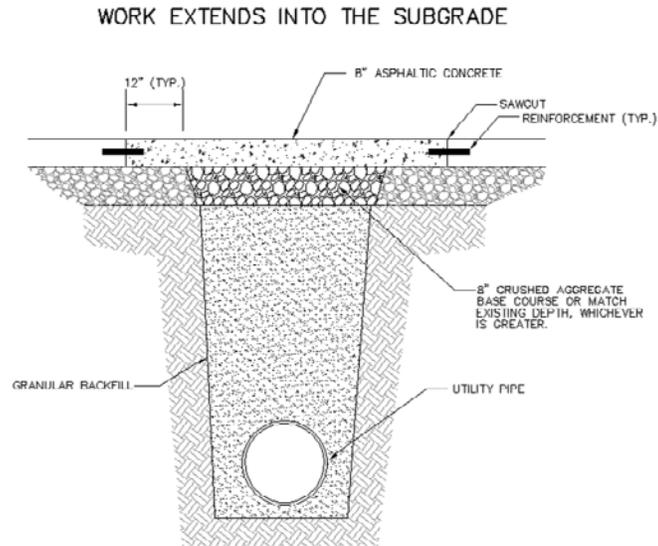
Depth of Excavation

Type 1 Excavation – Work occurs within the street in the concrete pavement or crushed aggregate base course, or a maximum depth of 24 inches.



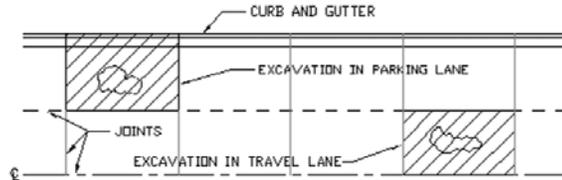
- (1) Pavement replacement is to extend 6 inches to 12 inches beyond the excavation limits. Utilize pavement ties and dowels into adjacent pavement for concrete depth greater than 7 inches.
- (2) Pavement replacement shall be extended to an existing joint line or crack depending on the location of the excavation.
- (3) For manhole structure cover repair or adjustment, box outs may be acceptable if approved by the engineer.

Type 2 Excavation – Excavation is to a depth greater than 24 inches

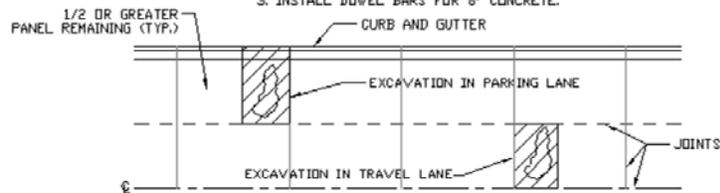


- (1) Pavement replacement is to extend 12 inches beyond the excavation limits. Utilize pavement ties and dowels into adjacent pavement for concrete depth greater than 7 inches.
- (2) Replace pavement to a joint line (see detail) for pavement less than 15 years old.
- (3) Replace at least ½ of panel per the detail below for pavement greater than 15 years old.

FOR TYPE 2 DEPTH
 CONCRETE STREET LESS THEN 15 YEARS OLD
 ① - REPAIR TO A JOINT LINE, INSTALL
 DOWELS FOR 8" CONCRETE.



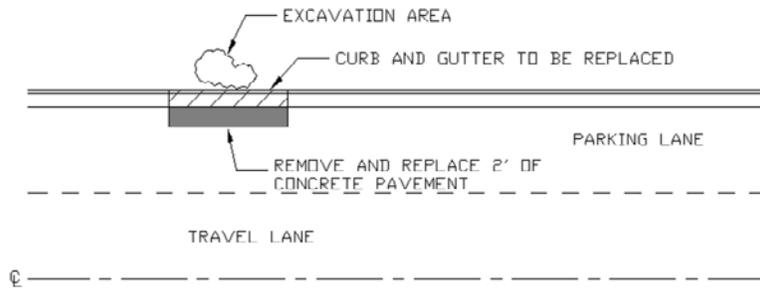
FOR TYPE 2 DEPTH
 CONCRETE STREET GREATER THEN 15 YEARS OLD
 1. CONTRACTOR TO REMOVE TO THE JOINT IF REMAINDER OF PANEL
 IS CRACKED.
 2. CONTRACTOR TO SAW CUT 12 INCHES BEYOND TRENCH WALL OR
 DAMAGED CONCRETE. MINIMUM PATCH WIDTH MUST BE 7 FEET.
 3. INSTALL DOVEL BARS FOR 8" CONCRETE.



Other Notes – If excavation occurs behind the curb and involves curb removal on integral pavement, a two foot wide strip of concrete pavement shall be removed and replaced from the face of the curb

CURB AND GUTTER REMOVAL ON CONCRETE PAVEMENT

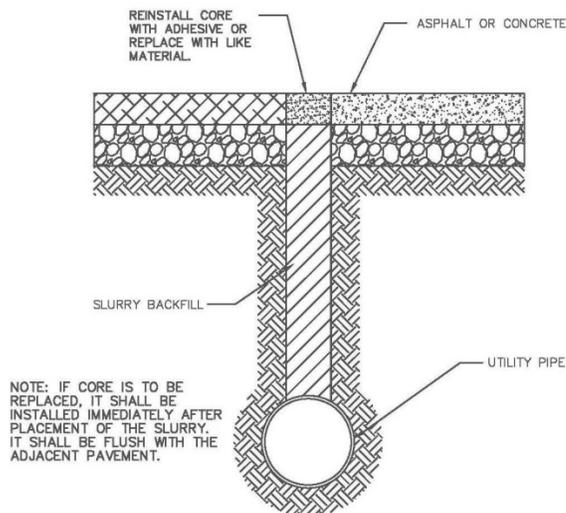
- ① IF EXCAVATION OCCURS BEHIND THE CURB AND GUTTER AND INVOLVES CURB AND GUTTER REMOVAL AND REPLACEMENT, A TWO FEET WIDE STRIP OF CONCRETE PAVEMENT SHALL BE REMOVED AND REPLACED. INSTALL DOWEL BARS FOR 8" CONCRETE.



PAVEMENT CORES OR SOIL BORING RESTORATION

- A. PAVEMENT CORES OR SOIL BORINGS SHALL BE RESTORED PER THE DETAIL AND SPECIFICATIONS BELOW

CORING OR BORE HOLE REPLACEMENT DETAIL



B. ENGINEERED SOILS AND AGGREGATES (SLURRY BACKFILL) SPECIFICATIONS:

1. General Requirements
 - a. Material shall be placed in a clean concrete mixer truck and thoroughly mixed.
 - b. No additional water will be allowed. The weights are damp weights.
 - c. Just prior to placing the slurry backfill, the mixer shall be run at mixing speed for one full minute to assure an even mixture.

2. Gradation/Mix Ratio
 - a. Slurry backfill ratio per cubic yard for backfilling shall conform to the following table:

Per Cubic Yard	
Material	Weight/Amounts
Sand	1,350 lbs
A-7	750 lbs
A-6	1,150 lbs
Water	25 Gallons

- b. Sand for slurry backfill shall be a granular material having at least 90% passing the No. 4 Sieve and predominantly retained on the No. 200 Sieve.

Village of Howard, Public Works Department

Green Bay, WI 54313 P (920) 434-4060 F (920) 434-4072 PERMIT # _____

THREE YEAR WARRANTY AGREEMENT (STARTS UPON ACCEPTANCE OF THE COMPLETION CERTIFICATE)

(for Utility Permits)

RECIPIENT'S INFORMATION

SEND TO:

Village of Howard
Attn: Geoff Farr, P.W. Director
1336 Cornell Road
Green Bay, WI 54313
Phone #: 920-434-4060
Fax#: 920-434-4072

OWNER'S INFORMATION

FROM:

Owner Name: _____	Contact Person: _____
Current Address: _____	Emergency Phone: _____
City, State, ZIP : _____	
Phone: _____ Fax: _____	E-mail: _____

CONTRACTOR PERFORMING WORK

Contractor Name: _____	Contact Person: _____
Current Address: _____	Emergency Phone: _____
City, State, ZIP : _____	
Phone: _____ Fax: _____	E-mail: _____

INFORMATION OF WHERE WORK WAS PERFORMED

Street Address/Location Description:

Project Description (include depth, width, and length):

SIGNATURES

As the authorized representative of the above-listed company, I hereby agree to accept the financial responsibility for the maintenance of the designated utility work associated with the project (utility work, roadway, sidewalk, curb) on or along the above-mentioned Municipal road, for the period of three (3) years, from the restoration/final acceptance date of the project completion certificate. Lawn restoration and landscaping shall be a one (1) year warranty. The warranty begins on the date of acceptance by the Municipality. In an emergency situation, or if the Municipality notifies you of a maintenance problem, and it is not resolved in a timely manner, the Municipality will perform the maintenance on the project and all costs would then be billed to the responsible party(ies).

Signature of Owners Proj. Rep.	Date:
--------------------------------	-------

Printed Name:	Title:
---------------	--------

FOR OFFICE USE ONLY

NOTIFICATION OF RECEIPT

Signature of Municipal Representative:	Date Accepted:
--	----------------

Printed Name:	Title:
---------------	--------

Village of Howard, Public Works Department

Green Bay, WI 54313 P (920) 434-4060 F (920) 434-4072 PERMIT # _____

COMPLETION CERTIFICATE

(for Utility Permits)

RECIPIENT'S INFORMATION

SEND TO:

Village of Howard
Attn: Geoff Farr, P.W. Director
1336 Cornell Road
Green Bay, WI 54313
Phone #: 920-434-4060
Fax#: 920-434-4072

OWNER'S INFORMATION

FROM:

Owner Name: _____
Current Address: _____
City, State, ZIP : _____
Phone: _____

Contact Person: _____
Emergency Phone: _____
E-mail: _____
Fax: _____

INFORMATION OF WHERE WORK WAS PERFORMED

Street Address/Location Description:

Project Description (include depth, width, and length):

SIGNATURES

The work requested under the above-mentioned utility permit has been completed. The Municipality can now review to insure proper restoration to the affected Municipal right-of-way has been made.

Signature of Owners Proj. Rep.

Date:

Printed Name:

Title:

FOR OFFICE USE ONLY

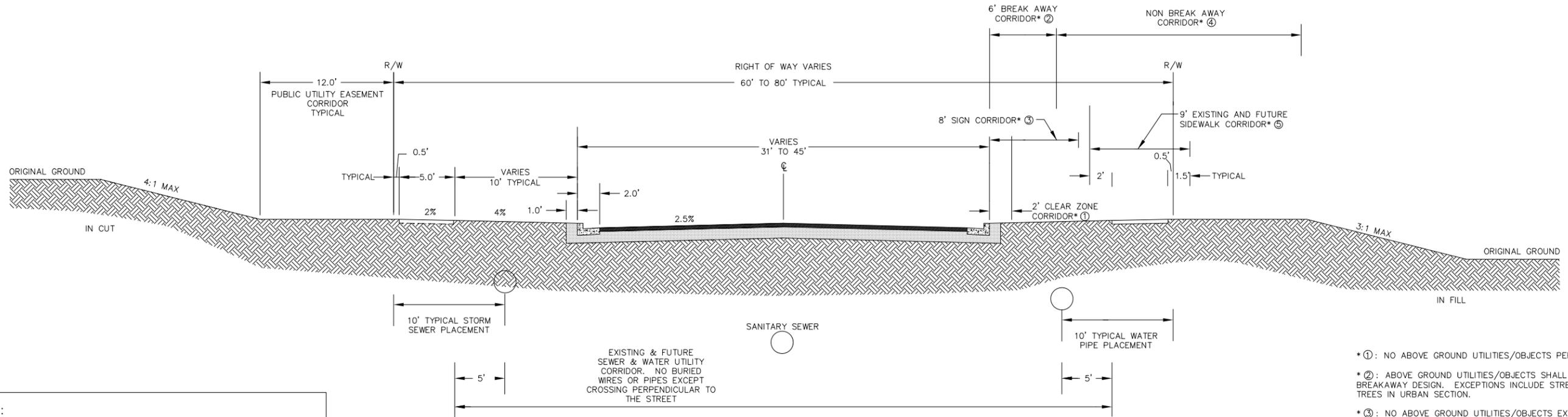
UTILITY PROJECT FIELD INSPECTED BY

Signature of Municipal Representative:

Date Accepted:

Printed Name:

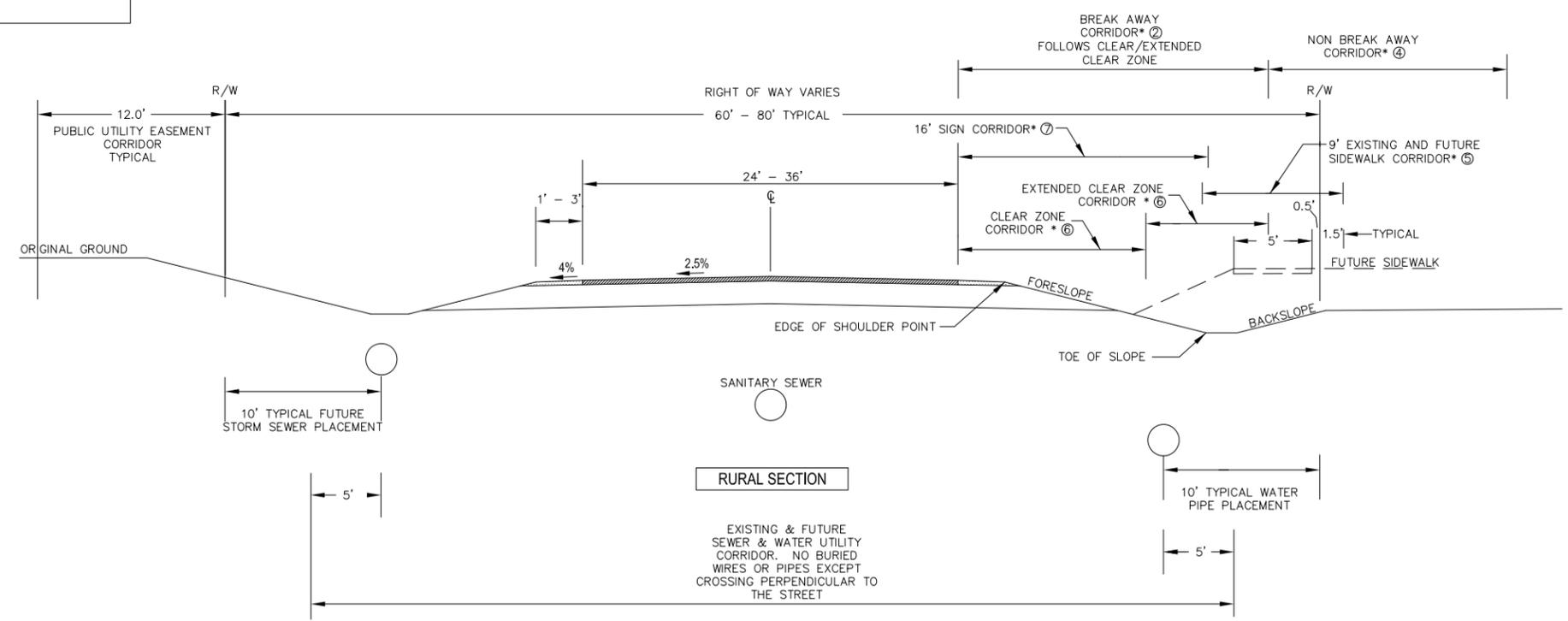
Title:



URBAN SECTION

NOTE:
UTILITY TO VERIFY, INCLUDING BUT NOT LIMITED TO, ACTUAL: RIGHT OF WAY, EASEMENTS, ROADWAY, SIDEWALK, EXISTING UTILITIES AND FACILITIES AND PROPOSED UTILITY LOCATIONS ON SCALED DRAWINGS

- * ①: NO ABOVE GROUND UTILITIES/OBJECTS PERMITTED
- * ②: ABOVE GROUND UTILITIES/OBJECTS SHALL BE BREAKAWAY DESIGN. EXCEPTIONS INCLUDE STREET TREES IN URBAN SECTION.
- * ③: NO ABOVE GROUND UTILITIES/OBJECTS EXCEEDING 15-INCH WIDE OR DIAMETER. NO BELOW GROUND UTILITIES/OBJECTS PERMITTED EXCEPT PERPENDICULAR CROSSINGS OF THE STREET
- * ④: ABOVE GROUND UTILITIES/OBJECTS THAT ARE NOT OF A BREAKAWAY DESIGN ARE PERMITTED
- * ⑤: NO ABOVE GROUND UTILITIES/OBJECTS PERMITTED
- * ⑥: 15' CLEAR ZONE FOR UNDER 40 MPH HAVING 4:1 OR FLATTER FORESLOPES. OTHERWISE THAT PORTION LENGTH OF THE 15' CLEAR ZONE ON THE FORESLOPE THAT EXCEEDS 4:1 SLOPE SHALL EXTEND BEYOND THE TOE OF SLOPE AND BE THE GREATER OF THAT PORTION LENGTH OR 10 FEET.
- * ⑦: THE GREATER OF 16' FROM THE TRAVELED WAY OR 10' FROM THE SHOULDER POINT. NO ABOVE GROUND UTILITIES/OBJECTS EXCEEDING 15-INCH WIDE OR DIAMETER. NO BELOW GROUND UTILITIES/OBJECTS PERMITTED EXCEPT PERPENDICULAR CROSSINGS OF THE STREET.



RURAL SECTION

RIGHT OF WAY MANAGEMENT CORRIDORS

TYPICAL SECTION
SCALE: 1"=10'

VILLAGE OF HOWARD ENGINEERING DEPARTMENT
1336 CORNELL RD., GREEN BAY, WI 54313 (920) 434-4060

