

Neighborhood Entryway Enhancement

Matching Grant Program

Community Relations Department

2020



Contact:
Community Relations
248.735.5628
EntrywayGrant@cityofnovi.org

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References: Residential Entranceway Signage Guide and Neighborhood Entryway Matching Grant Invasive Plant List



Neighborhood Entryway Enhancement Matching Grant Program

Purpose

The Neighborhood Entryway Enhancement Matching Grant Program was established by City Council to provide funding assistance to City of Novi's Homeowner Associations to support their efforts to enhance their neighborhoods through high-quality, sustainable neighborhood entranceway beautification projects. These projects are intended to enhance a subdivision entrance through significant and permanent physical improvements, which may include adding or modifying entrance signs, constructing flower beds, planting trees and shrubs, upgrading lighting, and making other entryway-related improvements. Neighborhoods are eligible for a 50% match up to a maximum \$5,000, at the City's sole discretion. A neighborhood is not eligible to be awarded a grant in consecutive years.

Directions

1. Prior to submittal, applicants are strongly encouraged to schedule a meeting with City staff to discuss project details. This ensures projects are in line with City regulations, applications are complete, and the applicant is prepared to move forward in the event their project is awarded a grant. Please see page 4 for available meeting dates in 2020.
2. Complete the application providing all required information and any supplemental materials. If you have any questions or concerns, you may contact Community Relations at 248.735.5628 or at EntrywayGrant@cityofnovi.org.

Required Application Materials

- The Association's current budget in order to demonstrate its ability to pay for the entire project before reimbursement and to maintain the project in the future. Both an income statement and balance sheet for the previous two years, the current year, and the budget for the upcoming year should be provided.
 - Complete bank statements are **not required**. However, should the Association choose to provide these documents, please be sure all account numbers are removed before submitting the application.
 - If in-kind donations (such as donated professional services or materials, but excluding volunteer labor) will be used to assist in the fund matching, the association must submit formal documentation from the donating entity on company letterhead confirming their specific donation for the project.
 - Documentation reflecting the Association's current and previous spending on landscape and landscape maintenance.
 - If there is an impact on property owners or other non-city agencies, written permission from the necessary entity must be provided.
 - Well-defined, scaled plans of the proposed project with complete plant lists and specifications of any lighting.
 - Map with project location identified.
3. The complete application and all attachments must be submitted by email to Community Relations at EntrywayGrant@cityofnovi.org by **5:00 PM on Friday, January 31, 2020**. ****All required materials must be submitted by this date for application consideration.****

Policies

1. To qualify, projects must be located at the entrance of a neighborhood and be clearly visible from the public right-of-way. Eligible projects may be either new construction/installation of physical improvements, or a rehabilitation of existing features. Examples include installation or rehabilitation of entryway signage, landscape beds, benches, lighting, and streetscape amenities. **Reoccurring and/or maintenance projects are not eligible.**
2. Priority will be given to projects that are expected to have the greatest positive effect for the City of Novi.
3. Grant project funding requires at least an equal (1:1) match from the Association and may not exceed 50% of the total cost of the project, or a maximum amount of \$5,000. If the funding from the City and the portion provided for by the receiving organization is not sufficient to complete the project, then the receiving organization is responsible for raising the difference. **The intent of this grant is not to completely fund projects, but to assist with as many projects as possible throughout the community.** The amount awarded will be reimbursed directly to the applicant organization upon successful completion of project and conformance with all standards of the program.
4. The City of Novi will disburse the awarded amount to the organization/homeowner association (not the contractor) upon proof of payment of the organization's cost and proof of completion of the entire project. Proof of payment may be shown through sworn statements, canceled checks, copy of contract, release of lien, etc. **The request for reimbursement and proof of project completion must be made by Friday, October 30, 2020.**
5. An organization/homeowner association (HOA) is eligible for a Neighborhood Entryway Enhancement Matching Grant **once within three grant cycles**. **Example:** If an organization/homeowner association is awarded in 2019, it is eligible to reapply in 2022. To add further clarification the HOA would have to sit out the grant cycles for 2020 and 2021. This allows the City to provide assistance to as many interested neighborhoods as possible.
6. Grants are made with the understanding the City is in no way obligated to provide further financial or management assistance to ensure a project is completed. Property is and will continue to be maintained by the homeowner association into the future.
7. Project work must not begin and permits shall not be obtained until grant approval from City Council. **Project work must be completed by Friday, October 30, 2020.**
8. Projects are strongly encouraged to be environmentally sensitive and be of a sustainable nature.
9. All selected projects must comply with City of Novi Ordinances, as well as state and local laws. Appropriate permits must be obtained after grant approval. *If you have any questions concerning ordinance compliance, you may view the City of Novi Code of Ordinances at https://library.municode.com/mi/novi/codes/code_of_ordinances?nodeld=COORNOMI or contact the Community Development Department at 248.347.0415.* The City has the right to

decline project reimbursement after project approval if the appropriate permits are not obtained to ensure project completion by **Friday, October 30, 2020.**

10. Projects must abide by the regulations listed in the City's *Residential Entryway Signage Guide*. Please refer to these regulations attached at the end of this document. **Applicants are strongly encouraged to meet with City staff to ensure the project abides by these regulations prior to grant application submittal.** Please contact Community Relations at 248.735.5628/City Manager's Office at 248.347.0445 or EntrywayGrant@cityofnovi.org to make an appointment during these two meeting blocks, which have been scheduled for applicants to meet with City staff:

January 7, 2020 between 1 p.m. – 5 p.m.

January 9, 2020 between 8 a.m. – 12 p.m.

11. **The use of invasive species will not be permitted.** Please refer to the invasive plant list attached to the end of this document or view the list of prohibited species in section 9c of the City's Landscape Design manual at <http://cityofnovi.org/Government/City-Services/Community-Development/Information-Requirements-Sheets,-Checklists,-Manua/LandscapeDesignManual.aspx>. If a plant you intend to use is listed, you must replace it with a noninvasive plant.

12. Grant applications will be accepted once per calendar year. **The due date is Friday, January 31, 2020.** Recommendation for approval of qualifying projects will be provided by the Beautification Commission to the Novi City Council for final grant approval. All grant applicants will be notified regarding City Council's final decision immediately after decisions are announced.

2020 Important Dates

- **January 7 (1 p.m. – 5 p.m.) or January 9 (8 a.m. – 12 p.m.)** | Applicants meet with City staff;
- **January 13 – January 31** | Completed applications are accepted;
- **March** | Beautification Commission meets;
- **April** | Recommendations by Beautification Commission are made to City Council; City Council awards grants;
- **October 30** | Project completion date; the entire project must be completed or reimbursement/grant award will be forfeited.



Grant Selection Criteria & Evaluation Process

The evaluation process will be conducted by the City of Novi Beautification Commission. Find out more about the Commission at <http://cityofnovi.org/Government/Boards-and-Commissions.aspx#Beautification>. The Commission will identify qualifying projects and provide recommendations to City Council for final approval.

A representative from the applicant organization may choose to attend the March Beautification Commission Meeting to answer any questions regarding the application.

The evaluation will be scored on a 75 point system among the following three categories:

1. Project Need & Impact (0–25 points)

- a. The age of the subdivision.
- b. Improvement from existing conditions of the project area.
- c. The potential impact of the project on the neighborhood; project's ability to establish the neighborhood and create an inviting subdivision entrance.
- d. The potential impact of the project on the City of Novi; project's creativity and visibility along major corridors.

2. Project Feasibility (0-25 points)

- a. The commitment and capacity of the requesting organization's directors or trustees to carry out the program.
- b. An itemized account of how the money is to be spent.
- c. The organization's fiscal responsibility and management qualifications.
- d. History of maintenance; whether the association has implemented past improvement projects and has demonstrated the ability to maintain past neighborhood or entry improvement projects.

3. Project Sustainability (0-25 points)

- a. Project is well-planned and ready for implementation.
- b. Grant application includes well-defined, scaled plans and includes a description of how the finished project will look. *It is strongly encouraged to include a design sketch, with plant counts if project includes plants.*
- c. Project abides by all necessary laws and ordinances.
- d. Grant application is complete and accurate (see checklist on pg. 11).

Bonus Points: *The following list is meant to further encourage sustainability and environmentally sound practices.*

- Use of native plants in design.
- Use of xeriscaping (plants that do not require irrigation).
- Locally sourced materials.
- Use of LED lighting for signs (if lighting is proposed).
- Use of solar power for powering sign lighting.
- No peat included in soils or soil amendments – only compost/leaf mold/sand.
- Only hardwood or pine bark mulch (whole trees are sometimes used to create cypress mulch).
- Use of groundcovers not on the invasive list instead of mulch.



Neighborhood Entryway Enhancement Matching Grant Application

Due Date: Friday, January 31, 2020

I. Applicant Information

Association's Name:

Age of the subdivision:

First-time Applicant: Yes____ No____

If No, date of last application submitted:

Project Leader:

Position within
HOA/organization:

Address:

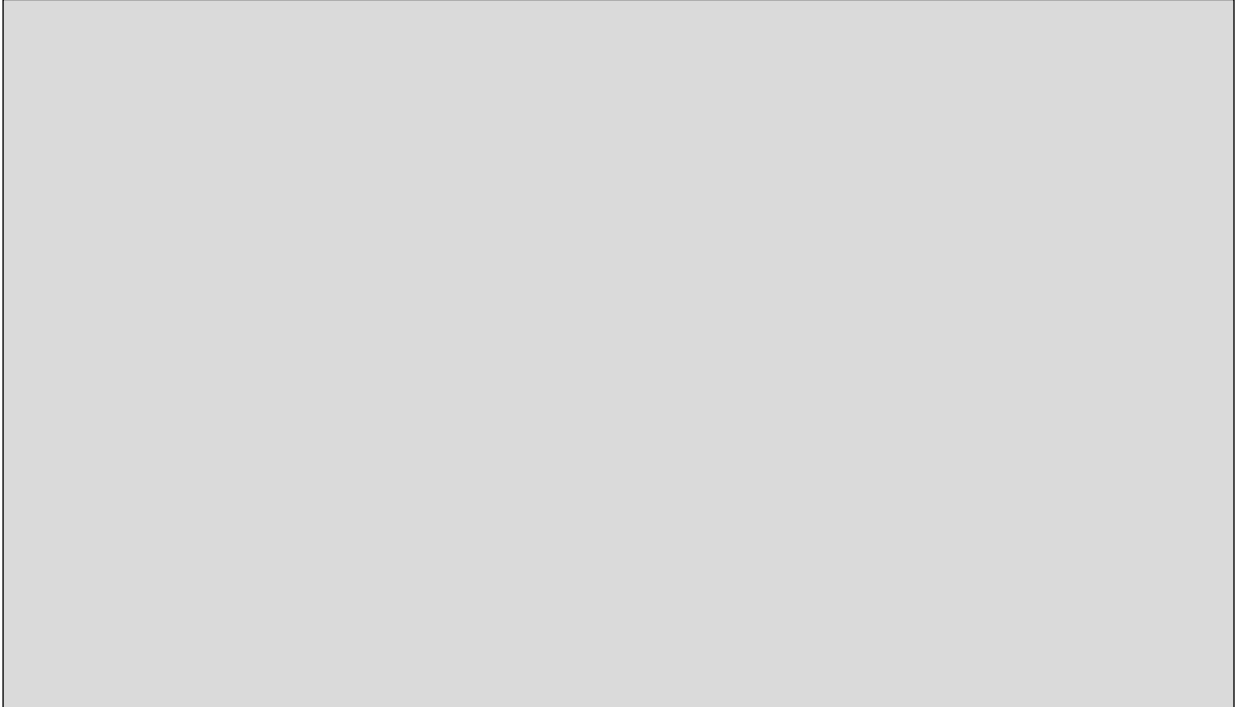
Telephone:

E-Mail:

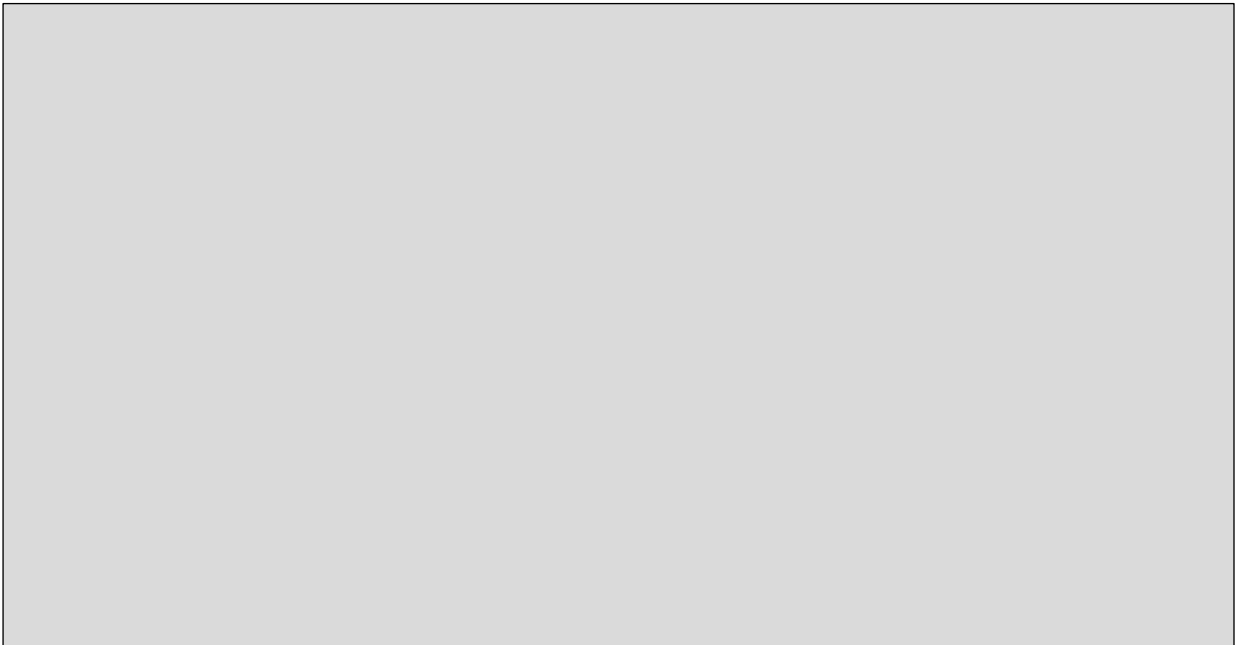
II. Project Information

If more space is required more than is given, answers to the questions below can be provided on separate sheets of paper.

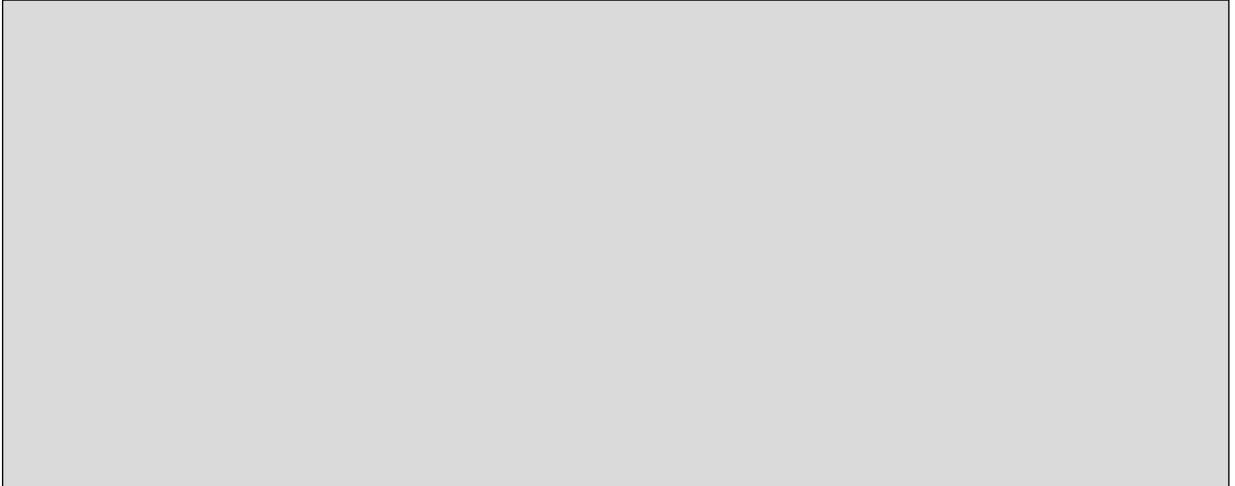
- a. Provide a clear description of the project's plan and design, including the location, existing conditions, specific need, and public benefit. Attach project planning documents such as landscaping drawings, plans, maps, and/or photos of project area.

A large, empty rectangular box with a thin black border, intended for providing a clear description of the project's plan and design, including location, existing conditions, specific need, and public benefit. It is currently blank.

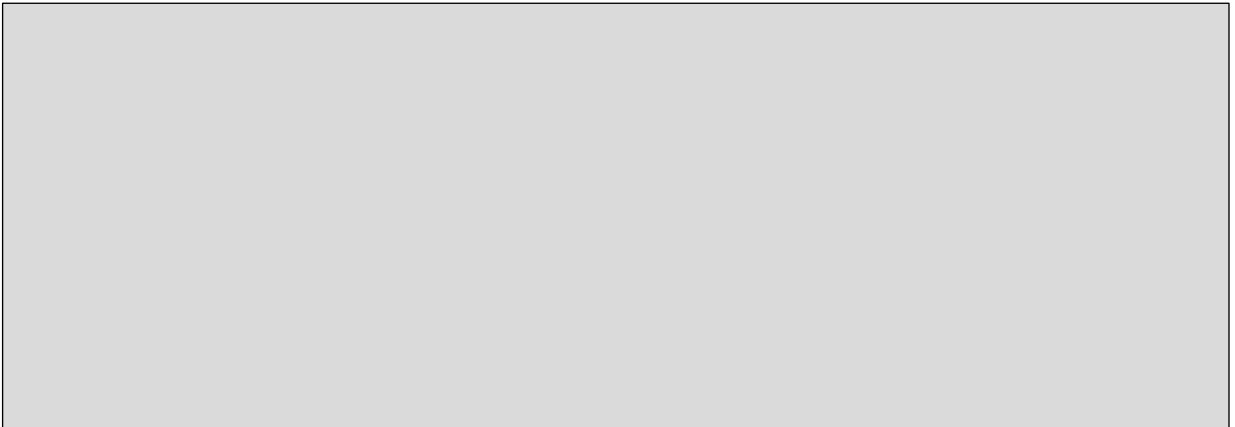
- b. Give the proposed project area's location. Please provide a written description of location, along with an attached map with location identified. City maps can be found on the City of Novi website at: <http://cityofnovi.org/Community/Map-Gallery.aspx>.

A large, empty rectangular box with a thin black border, intended for providing a written description of the proposed project area's location and an attached map with the location identified. It is currently blank.

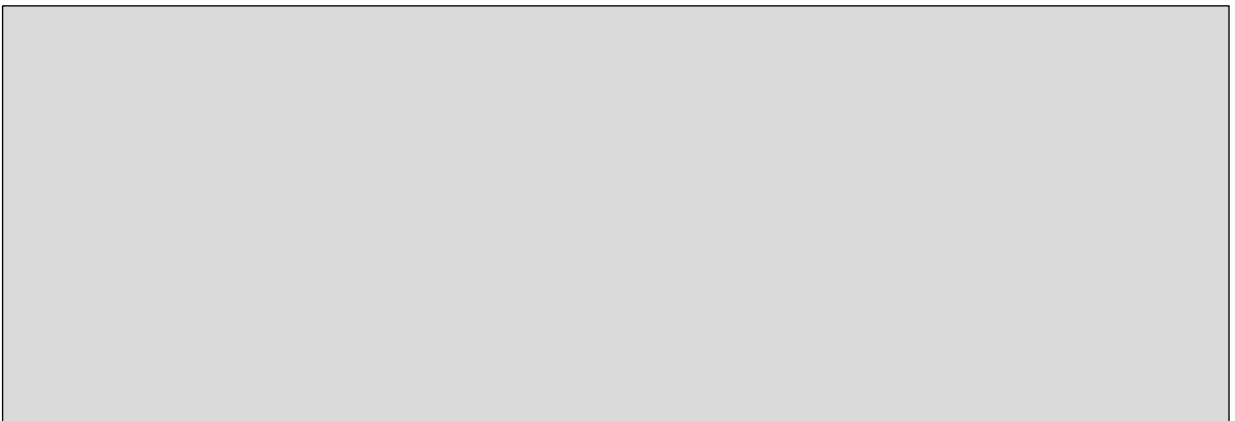
- c. Explain how the project meets the review criteria listed in the “**Grant Selection Criteria & Evaluation Process**” section.



- d. Describe how the project has taken into consideration any elements that would positively and/or negatively affect the surrounding environment. If there is an impact on property owners or other non-City agencies (e.g. Road Commission for Oakland County), please explain here, and attach written permission / approval from the necessary entity.



- e. Please list all proposed plants (if any) that intend to be used in the project. Please refer to the City’s prohibited species list in section 9c of the City’s Landscape Design Manual at <http://cityofnovi.org/Government/City-Services/Community-Development/Information-Requirements-Sheets,-Checklists,-Manua/LandscapeDesignManual.aspx>



III. Funding Information

a. Estimated total project costs:

b. Who provided this cost estimate?

(Name, Title, Company)

(Phone Number)

c. Total amount of funds requested:

(50% project costs up to \$5,000)

d. If the project cost is projected to exceed the 1:1 match from the City (e.g. if the project cost projection is \$12,000, the City's maximum contribution is \$5,000, matched by \$5,000 from the organization with an additional \$2,000 from the organization), please provide the additional cost:

e. Total amount to be donated through in-kind donations and/or cash assistance:

Provide a summary of in-kind donations, such as professional services or donated materials (excluding volunteer labor):

Remember to include formal documentation from the donating entity on company letterhead confirming their specific donation for the project.

f. Itemized cost/unit estimates :

EXAMPLE:

ITEM	#UNITS	COST/UNIT	TOTAL
<i>Example:</i>			
Soil	10 cubic yards	\$40	\$400
Contracted Service	8 hrs labor	\$50	\$400
One gallon shrubs	14	\$10	\$140
Total			\$940

IV. Attachments

Please include:

- The Association’s current budget in order to demonstrate its ability to pay for the entire project before reimbursement and to maintain the project in the future; ***Please remove all account numbers from any bank statements that are submitted as part of the grant application;***
- Documentation reflecting the Association’s current and previous spending on landscape and landscape maintenance;
- Formal documentation from the donating entity/company on company letterhead confirming their specific donation for the project (*if applicable*);
- Written permission / approval from the necessary entity if there is an impact on property owners or other non-city agencies (*if applicable*);
- Well-defined, scaled plans of the proposed project with complete plant lists and specifications of any lighting;
- Map with project location identified.

Applications will not be considered if any necessary documentation is not included.

2020 Important Dates

- January 7 (1 p.m. – 5 p.m.) or January 9 (8 a.m. – 12 p.m.) | Applicants meet with City staff;
- January 13 – January 31 | Completed applications are accepted;
- March | Beautification Commission meets;
- April | Recommendations by Beautification Commission are made to City Council; City Council awards grants;
- October 30 | Project completion date; the entire project must be completed or reimbursement/grant award will be forfeited.
-

Neighborhood Entryway Enhancement Matching Grant Checklist

Please consult this checklist prior to submitting the grant application and supporting materials to Community Relations. **All requirements must be met.** Thank you!

- Project is a permanent, physical improvement located at the entrance of the neighborhood, and is not on-going or routine maintenance.
- Your Association did not receive City of Novi Neighborhood Entryway Enhancement grant funding in 2017 or 2018.
- You included in the grant application a current Association budget demonstrating the ability to fully fund the project prior to receipt of the reimbursement award.
- If in-kind donations are being used, formal documentation from the donating entity is included.
- Documentation reflecting the Association's current spending on landscape and landscape maintenance is included.
- If project consists of entryway signage, project abides by all *Residential Entranceway Signage Guide* regulations (see attachment).
- Project complies with all City ordinances.
- Project does not have a direct impact on an adjacent property owner or non-city agency. If project has an impact on an adjacent property owner or non-city agency, written permission or approval of project from the necessary entity is provided.
- Project does not include use of identified invasive species.
- All project documents are included in application (see *Required Application Materials on Grant Application and Program Description*).
- Map with project location identified is provided.
- Project budget, including all itemized cost estimates, is completed on application.



Residential Entranceway Signage Guide



Whether you are looking to construct a new sign or upgrade an existing sign at the entryways into a residential subdivision, condominium, or apartment complex, please refer to this handout as a guide to the regulations, process, applications, fees, and most importantly, who to contact for assistance. The process typically starts with a sign permit application, and may include a right-of-way permit, building permit, and submittal of a landscape plan.

Sign Regulations



Number

One ground sign (a sign not attached to any building, supported by a monument placed in the ground surface such that the entire bottom of the sign is affixed to the ground and is not supported by poles, columns, or uprights) is permitted at each entrance to a neighborhood. Two sign faces greater than two feet apart are permitted.

If a neighborhood has a boulevard entrance, one single-face ground sign is permitted on each side of the boulevard.

Size

Signs shall have a maximum height of 5 feet and a maximum area of 24 square feet. The area of sign is considered the entire area within the smallest circle, triangle, parallelogram, or other geometric shape that encloses the extreme limits of any writing, picture, logo, representation, emblem, or figure of similar character, together with any frame or other material or color forming an integral part of the display or used to differentiate such sign from the background against which it is placed, excluding the necessary supports or uprights on which such sign is placed. Where a sign has two or more faces, the area of all faces shall be included in determining the area of the sign, except that where two such faces are placed back to back and are at no point more than two feet from one another, the area of the sign shall be taken as the area of one face if the two faces are of equal area, or as the area of the larger face if the two faces are of unequal area.

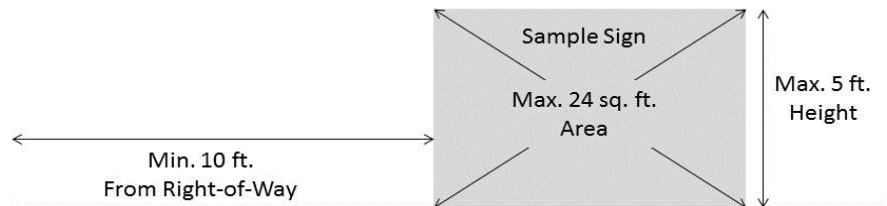
Location

Signs shall be located at least 10 feet from any street right-of-way and only in yards adjacent to streets at the entrance to the neighborhood or within the median of a boulevard street when a license for such is granted by the City Engineer.

Signs in yards adjacent to the entrance require either a recorded sign easement for the property or a letter of authorization from the property owner for the placement of the sign.

Signs are permitted on a previously approved landscape wall as part of an approved site plan, provided the sign meets the size requirements above. To install a wall larger than the sign requirements, a revised site plan must be submitted for review by the Planning Commission.

Signs must meet corner clearance regulations: walls, plant material, signs or other obstruction to vision above a height of 2 feet shall not be permitted within the clear view zone which is the triangular area formed at the intersection of any existing public street right-of-way lines by a straight line drawn between said right-of-way lines at a distance along each line of 25 feet from their point of intersection. Medians shall be included in this measurement.



Complete Regulations

Refer to the [Sign Code](#) and [Zoning Ordinance](#) for complete regulations

Application

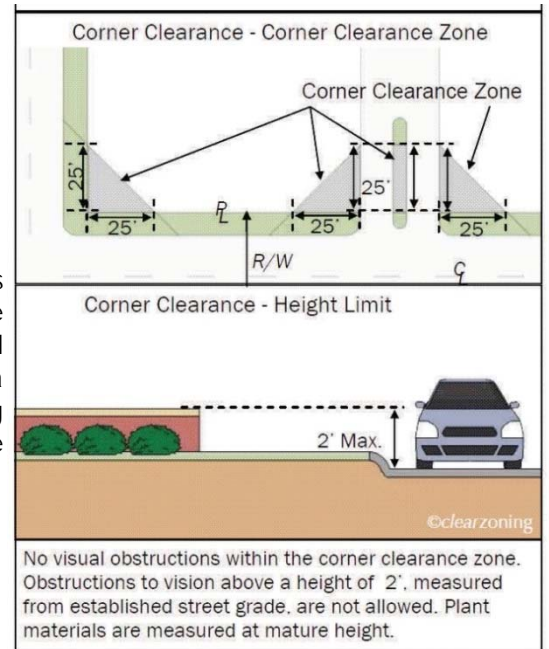
[Sign Permit Application](#) (One application required per sign)

Fee

\$75

Inspections

One final inspection once sign is complete (plus any applicable building, engineering, or right-of-way inspections)



For more information, contact:
Brian Riley | Community Development Department
 City of Novi | 45175 Ten Mile Road | Novi, MI 48375 USA
 e: briley@cityofnovi.org t: 248.735.5678 f: 248.735.5600

Engineering Regulations

Right-of-Way (ROW) Permits

If the sign will be located or any work will be completed in the public ROW (the boundary between private property and the public lands under the legal control of the agency having jurisdiction over a road), a permit will be required from the City of Novi's Engineering Division. An additional permit may be required from the Road Commission for Oakland County for ROWs under their jurisdiction ([see map here](#)). The Engineering Division can review the application and determine if permits are required from other agencies. A sketch showing the location of the sign is required with the permit application.

Breakaway Design

All signs located within the ROW shall be designed to be crashworthy. The sign shall include breakaway devices that are designed and constructed to break or yield when struck by a vehicle. This can be accomplished by designing the signs to be as lightweight as possible and with a breakaway plane near the ground surface to protect motorists in case of a crash.

Sight Distance

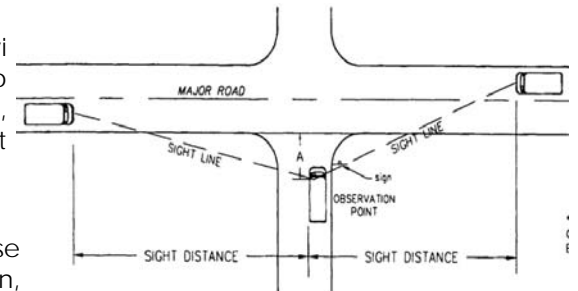
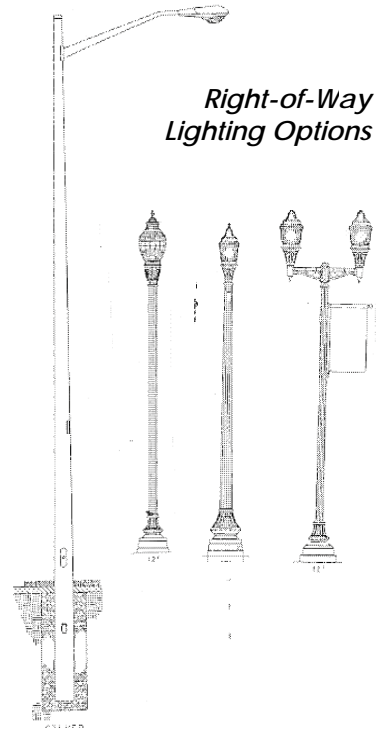
Signs shall not be placed in a location such that they impede sight distance. Sight distance is the length of the sight line over which an object is visible to a driver. The minimum sight distance is set by the ordinance as illustrated below. Please contact the Department of Public Services for more information.

Lighting

Any lighting in the ROW will require coordination with the City of Novi and DTE Energy. Four pre-determined light fixtures are available to choose from, including three decorative and one overhead fixture, which will be installed by DTE Energy in accordance with the street light policy.

Subdivision Sign License Agreement

When a sign is located within the ROW, a subdivision sign license agreement must be completed and signed by the City and subdivision, which specifies that maintenance of the sign is the responsibility of the subdivision. The license agreement requires the licensee to procure and maintain general liability insurance, naming the City of Novi as an additional insured. The Engineering Division will provide a copy of the license agreement as part of the ROW process.



MAJOR THROUGH ROAD POSTED SPEED IN MPH	SUBDIVISION STREETS RESIDENTIAL DRIVEWAYS COMMERCIAL DRIVEWAYS	
	2 LANE IN FEET	MULTI LANE
25	260	280
30	310	340
35	360	400
40	410	450
45	460	510
50	510	560
55	560	620

Guide for Corner Sight Distance

Complete Regulations

Refer to the [Design and Construction Standards](#) for complete regulations

Application & Fee

Novi ROW Permit is initiated with the Sign Application (waived for subdivision entranceway signs) \$100

[Oakland Co. ROW Permit Application](#) (for entrances on County roads only) \$100

Inspections

One final ROW inspection (if applicable)



For more information, contact:

Rebecca Runkel | Department of Public Works
 City of Novi | 45175 Ten Mile Road | Novi, MI 48375 USA
 e: runkel@cityofnovi.org t: 248.735.5694 f: 248.735.5600

Sign Foundation Regulations

Composition

Construction materials and sign structures shall be of the quality and grade as specified for structures in the state construction code.

Fastenings

Signs erected to masonry, concrete, or steel shall be safely and securely fastened thereto by means of metal anchors, bolts, or approved expansion screws of sufficient size and anchorage to support safely the loads applied. All building fastenings must be of noncorrosive materials. Lightweight sign letters may be attached by means of an approved adhesive.

Lighting

Signs may be illuminated internally or externally but shall be either enclosed or directed away from roadways, traffic areas, and adjacent residential properties. Sign lighting should be focused on the sign to avoid stray lighting, and shall not be arranged to shine into the night sky. Any new lighting will require an electrical permit.

Windloads

For the purpose of design, wind pressure shall be taken upon the gross area of the vertical projection of all signs and sign structures at not less than 15 pounds per square foot for those portions above the ground.

Complete Regulations

Refer to the [Sign Code](#) for complete regulations

Application

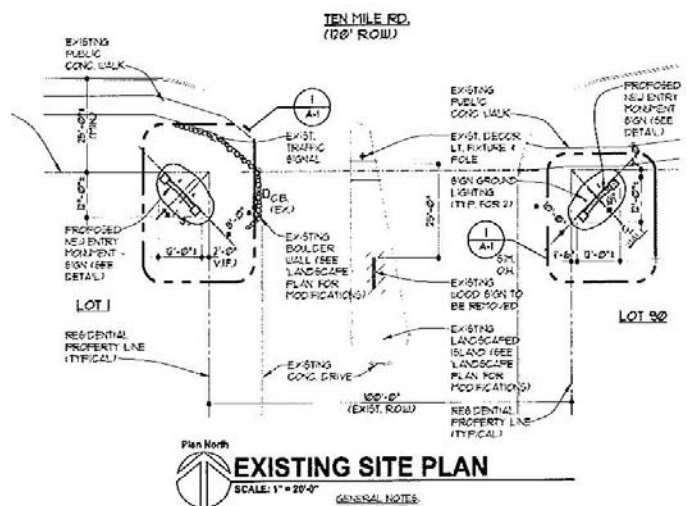
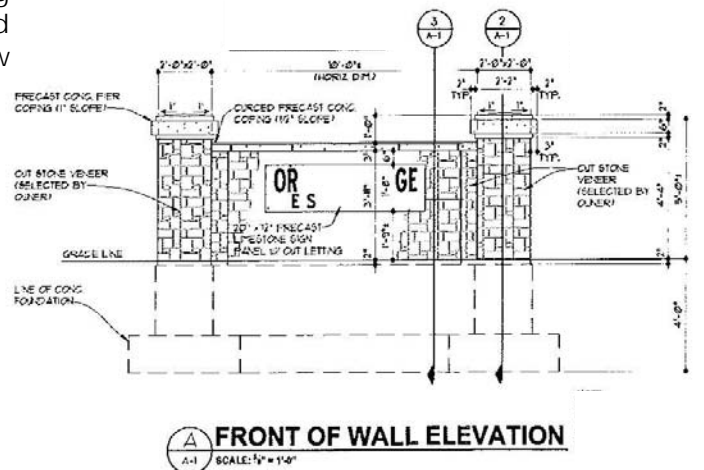
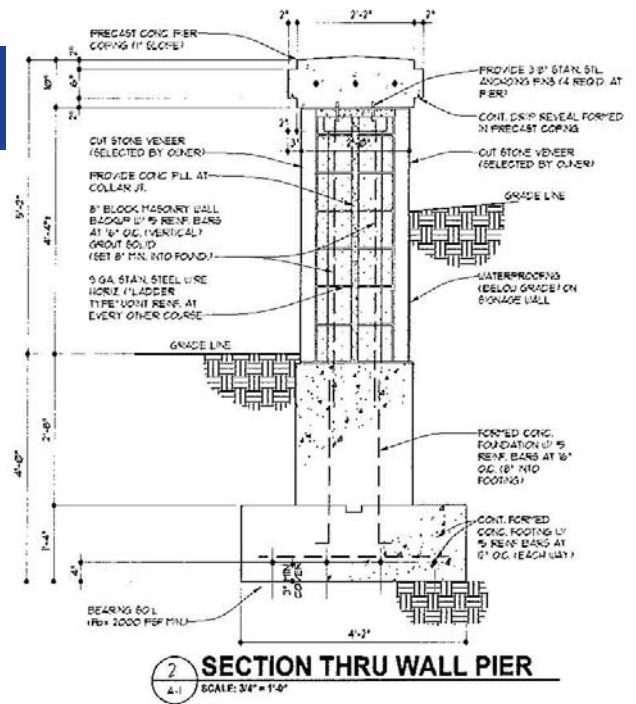
- [Building Permit Application](#)
- [Electrical Permit Application](#)

Fee

- Building Permit: Varies, starting at \$180
- Electrical Permit: \$70

Inspections

- Building: One for footing and one for final
- Electrical: Up to two for rough/underground and final



Sample details and site plan for a proposed sign location outside of the corner clearance zone or right-of-way



For more information contact:
Chris Weber | Community Development Department
 City of Novi | 45175 Ten Mile Road | Novi, MI 48375 USA
 e: cweber@cityofnovi.org t: 248.347.0434 f: 248.735.5600

Landscape Regulations

Island Plantings

Islands must be landscaped. If an island is to be re-landscaped by the subdivision association, a landscape plan shall be submitted to the City for administrative approval.

At least 75% of the island must be landscaped with a mixture of shrubs, groundcover, perennials, and ornamental grasses, along with canopy and subcanopy trees in accordance with the minimum planting area widths in the table to the right.

Maintenance

Maintenance of the island is the responsibility of the subdivision association. All landscaping must be irrigated.

For more information, contact:

Rick Meader | Community Development Department
 City of Novi | 45175 Ten Mile Road | Novi, MI 48375 USA
 e: rmeader@cityofnovi.org t: 248.735.5621 f: 248.735.5600

Tree Species Type	Tree Lawn Size
Small Tree (Subcanopy Deciduous)	4 to 6 ft.
Medium Tree (Subcanopy & Canopy Deciduous)	6 to 8 ft.
Large Tree (Canopy Deciduous)	Greater than 8 ft.

Zoning Board of Appeals (ZBA) Regulations

Application

If the regulations of the sign ordinance are not met, applicants may petition the Zoning Board of Appeals (ZBA) for a variance from the regulations. In order to seek a variance, a sign permit must be submitted and denied. Then a ZBA application, fee, and 14 copies of a scaled drawing indicating location, overall dimension, and sign verbiage must be submitted. A pre-ZBA application meeting can be scheduled by contacting Kate Oppermann in Community Development.

Meeting

The ZBA generally meets on the second Tuesday of each month. Completed applications are due six weeks prior to the meeting. Applicants should be prepared to explain the nature of the practical difficulty at the ZBA meeting.

Complete Regulations
 Refer to the [Zoning Ordinance](#) for complete regulations

Application
[ZBA Application](#)

Fee
 \$300

Standards for Granting a Sign Variance

1. The request is based upon circumstances or features that are exceptional and unique to the property and do not result from conditions that exist generally in the City or that are self-created.
2. The failure to grant relief will unreasonably prevent or limit the use of the property and will result in substantially more than mere inconvenience or inability to attain a higher economic or financial return.
3. The grant of relief will not result in a use of structure that is incompatible with or unreasonably interferes with adjacent or surrounding properties, will result in substantial justice being done to both the applicant and adjacent or surrounding properties, and is not inconsistent with the spirit of the ordinance.



For more information, contact:

Kate Oppermann | Community Development Department
 City of Novi | 45175 Ten Mile Road | Novi, MI 48375 USA
 e: koppermann@cityofnovi.org t: 248.735.0459 f: 248.735.5600

Neighborhood Entryway Enhancement Matching Grant

Invasive Plant List

The list below contains invasive species unsuitable for this project. For a more comprehensive look, please refer to the list at <http://mnfi.anr.msu.edu/invasive-species/factsheets.cfm>. Please be advised that this is not a comprehensive list, and other plant species are subject to approval by the City.

Trees

Norway Maple - *Acer platanoides*

Tree of Heaven - *Ailanthus altissima*

Black Alder - *Alnus glutinosa*

Russian Olive - *Elaeagnus angustifolia*

Black Locust - *Robinia pseudoacacia*

Shrubs

Japanese Barberry – *Berberis thunbergii*

Autumn Olive – *Elaeagnus umbellata*

Glossy Buckthorn - *Frangula alnus/Rhamnus frangula*

Privet- *Ligustrum vulgare*

Amur Honeysuckle – *Lonicera maackii*

Morrow's Honeysuckle – *Lonicera morrowii*

Tartarian Honeysuckle – *Lonicera tatarica*

Bell's Honeysuckle – *Lonicera xbella*

Common Buckthorn – *Rhamnus cathartica*

Black Jetbead – *Rhodotypos scandens*

Multiflora Rose - *Rosa multiflora*

Woody Vines

Oriental Bittersweet – *Celastrus orbiculatus*

Japanese honeysuckle – *Lonicera japonica*

Kudzu - *Pueraria lobata*

Herbaceous Plants

Garlic Mustard – *Alliaria petiolata*

Narrow-leaved Bitter-cress – *Cardamine impatiens*

Spotted Knapweed – *Centaurea stoebe/Centaurea maculosa*

Canada Thistle – *Cirsium arvense*

European Swamp Thistle- *Cirsium palustre*

Black Swallow – wort - *Cynanchum louiseae /Vincetoxicum nigrum*

Pale Swallow-wort - *Cynanchum rossicum /Vincetoxicum rossicum*

Leafy Spurge – *Euphorbia esula*

Baby's Breath – *Gypsophila paniculata*

Giant Hogweed- *Heracleum mantegazzianum*

Dame's Rocket – *Hesperis matronalis*

Lyme-grass – *Leymus arenarius*

Purple Loosestrife – *Lythrum salicaria*

White Sweet Clover – *Melilotus alba*

Yellow Sweet Clover – *Melilotus officinalis*

Japanese Stilt Grass – *Microstegium viminium*

Wild Parsnip – *Pastinaca sativa*

Reed Canarygrass – *Phalaris arundinacea*

Phragmites – *Phragmites australis*

Japanese Knotweed – *Polygonum cuspidatum*

Giant Knotweed – *Polygonum sachalinense*

Mile – a minute Weed – *Polygonum perfoliatum*

Narrow – leaved Cat-tail - *Typha angustifolia*

Aquatic Plants

Flowering Rush – *Butomus umbellatus*

Water-hyacinth – *Eichornia crassipes*

Hydrilla – *Hydrilla verticillata*

European Frog-bit – *Hydrocharis morsus-ranae*

Eurasian Water Milfoil – *Myriophyllum spicatum*

Curly Pondweed - *Potamogeton crispus*