



City Council Special Meeting

Study Session Agenda

June 7, 2021

6:00 PM

1. **Roll Call**
2. **Agenda - Motion to accept Study Session Agenda as presented**
3. **Discussion: Changes in Engineering Standards**
4. **Public Comment**
5. **Adjournment - Motion to adjourn the Special Meeting**



MEMORANDUM

To: Honorable City Council
From: Ellen L. Craig-Bragg, City Clerk
Date: June 7, 2021
Re: SPECIAL / STUDY SESSION MEETING

At the May 24, 2021 Regular Meeting, Council approved an one (1) hour study session request from DPW Director Roberto Scappaticci for June 7, 2021 at 6:00 p.m. to discuss changes in Engineering Standards

This meeting will be held electronically using the Zoom Meeting application. To join the meeting, see the following:

Topic: Discuss changes in Engineering Standards
Time: Jun 07, 2021 06:00 PM Eastern Time (US and Canada)

Join Zoom Meeting <https://us02web.zoom.us/j/2230778573>

Meeting ID: 223 077 8573

Join by Phone

Dial: 1-646-558-8656, Meeting ID 223 077 8573, followed by the # sign.

Interoffice Memorandum

TO: Ellen Craig-Bragg, City Clerk

FROM: Roberto J. Scappaticci, DPW Director *RJS*

CC: D’Sjonaun Hockenhull, Deputy City Clerk
Kathy Hood, Assistant DPW Director

DATE: May 10, 2021

SUBJECT: Request to Schedule Study Session – Review of Changes in Engineering Standards

I would like to request a Study Session to be held on, Monday, June 7th, 2021, at 6:00 pm with an allotted time frame of one (1) hour. The purpose of this Study Session will be to review changes in engineering standards.

If you have any questions, please feel free to contact me.

RJS/bmm

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City of Romulus

Engineering Standards Updates

Presentation by:



City of Romulus
DPW

May 2021

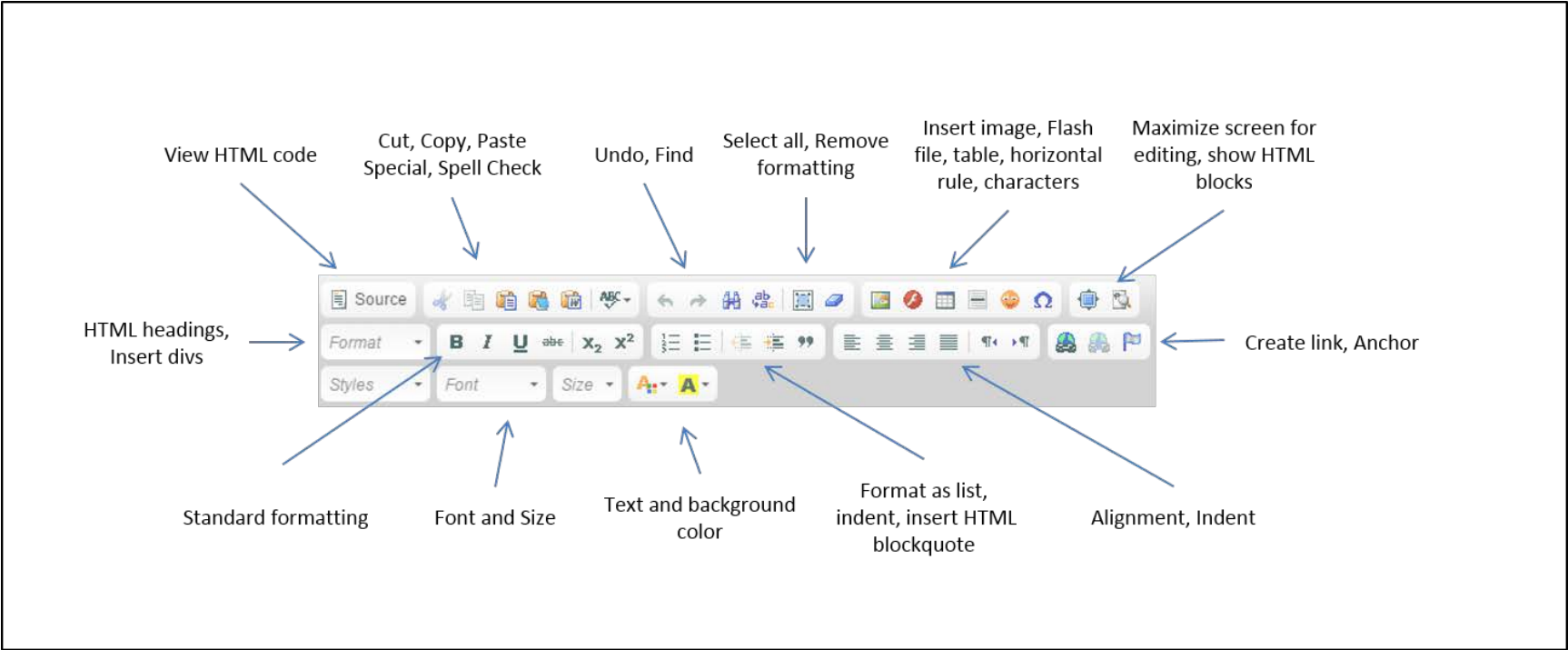


The City of Romulus Engineering Standards are intending to be a minimum guideline on the design and preparation of construction plans. The City reserves the right to require additional measures beyond these standards when special circumstances or site restrictions are present.

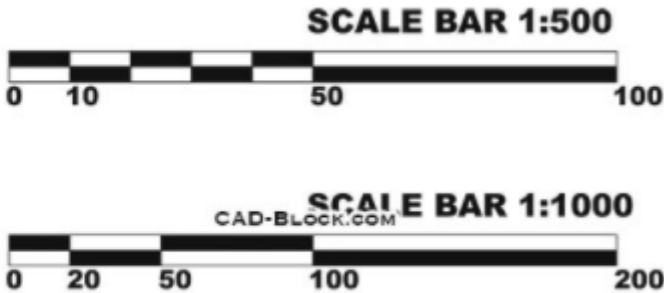
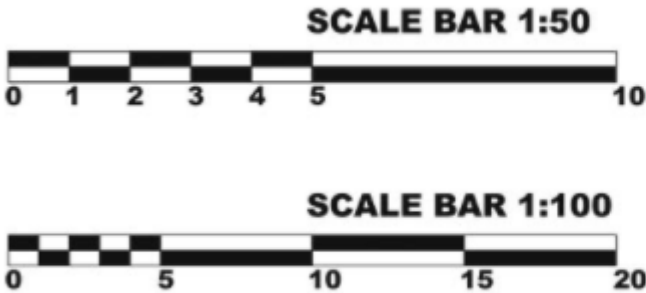
Reviewed & Updated:



Formatting Consistency



Required

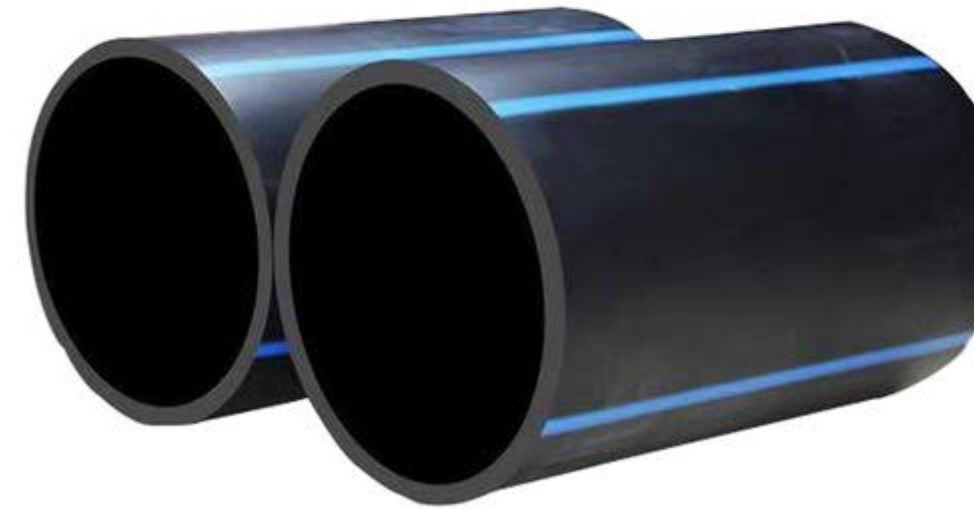


Reviewed & Updated:

Meter & Backflow Prevention Requirements for Water Main

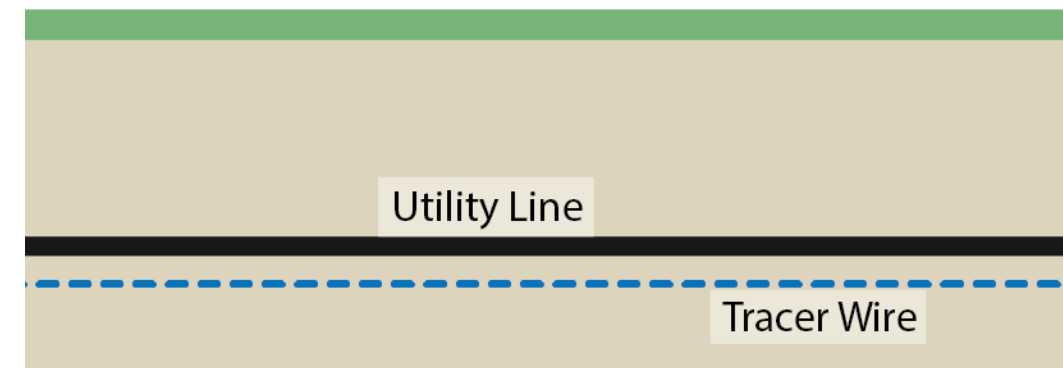
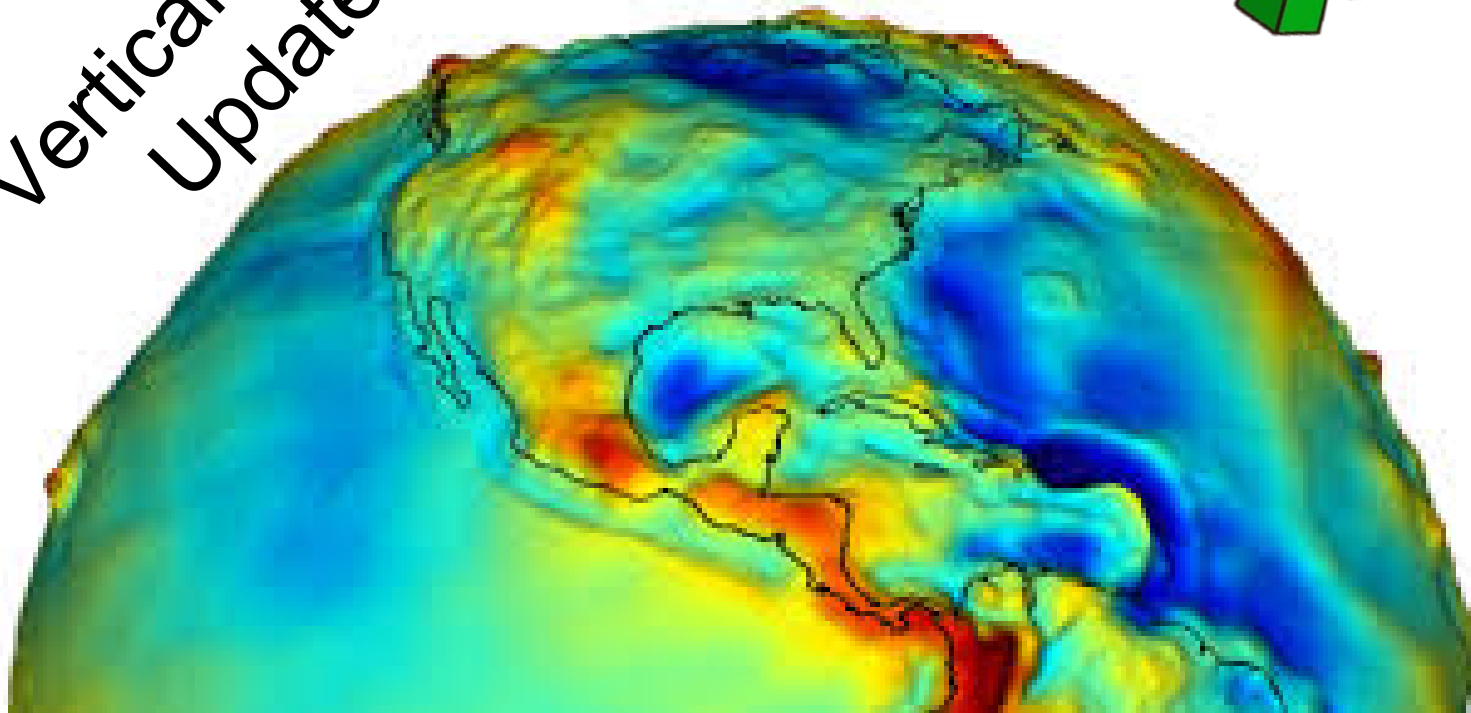


Pipe Material Updates (Per ASTM)



Bond Requirements

Vertical Datum Updates



Tracer Wire Requirements

Reviewed & Updated:



Pre-Construction Meeting Notes Template SCADA/Telemetry Requirements

WATER MAIN EASEMENT
(This should be drafted on legal size paper)

KNOW ALL MEN BY THESE PRESENTS, that, _____
whose address is _____
hereinafter referred to as "Grantor", being title
holder to the following described parcel of land, to wit:

Description of Parcel:

See Exhibit "A"

[Commonly known as: Property Address Here.]

Tax Identification Number: _____

For and in consideration of One (\$1.00) Dollar, receipt of which is hereby acknowledged, does hereby
grant and convey to the City of Romulus, a Michigan Municipal Corporation, whose address is 11111
Wayne Road, Romulus, MI 48174, hereinafter referred to as "Grantee", a perpetual easement for a water
main, over, upon, across, in, through, and under the following described real property to wit:

Easement Description:

See Exhibit "B"

and to enter upon sufficient land adjacent to said water main easement for the purpose of exercising the
rights and privileges granted herein. A sketch of said water main easement is attached hereto and
incorporated herein.

Grantee may install, repair, replace and maintain water main lines, and all necessary
appurtenances thereto, within the easement herein granted.

Grantor agrees not to build or to convey to others permission to build any permanent structures on
the above-described easement.

Grantee will not be responsible for replacing pavement, trees or any other physical objects within
the easement herein granted.

The premises so disturbed by reason of the exercise of any of the foregoing powers, rights and
privileges, shall be reasonably restored to its prior condition by Grantee except as noted above.

This instrument shall be binding upon and inure to the benefit of the parties hereto, their heirs,
representatives, successors and assigns.

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IN WITNESS WHEREOF, the undersigned Grantor(s) has affixed
signature (s) this _____ day of _____ A.D., 20 ____

WITNESSES: CORPORATION:

Signature: _____ By: _____
Print: _____ Signature

Signature: _____ Its: _____
Print: _____ Printed Name and Title

STATE OF MICHIGAN)
COUNTY OF WAYNE)SS

On this _____ day of _____ A.D., 20 ____ before me, a Notary
Public in and for said County, appeared _____ and to me known personally known,
who, being by me duly sworn, did each for himself say that they are respectively the _____
and _____ of _____ the
corporation named in and which executed the within instrument and, that the seal affixed to said
instrument was signed and sealed in behalf of said corporation by authority of its board of trustees; and
acknowledged said instrument the free act and deed of said corporation.

Notary Public, Wayne County, MI

My commission expires _____

This instrument drafted by:

Tax Identification Number: _____

WHEN SIGNED RETURN A COPY TO:

City of Romulus Department of Public Works
12600 Wayne Road
Romulus, MI 48174

WHEN RECORDED RETURN A COPY TO:

City of Romulus-Clerk
11111 Wayne Road
Romulus, MI 48174

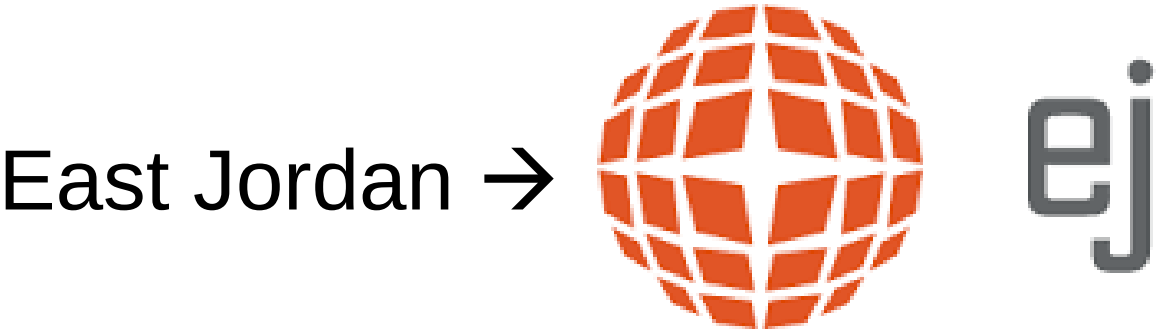
City of Romulus Department of Public Works
12600 Wayne Road
Romulus, MI 48174

Orchard Hiltz & McClement, Inc.
34000 Plymouth Road
Livonia, MI 48150

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American Water Works Association AWWA References

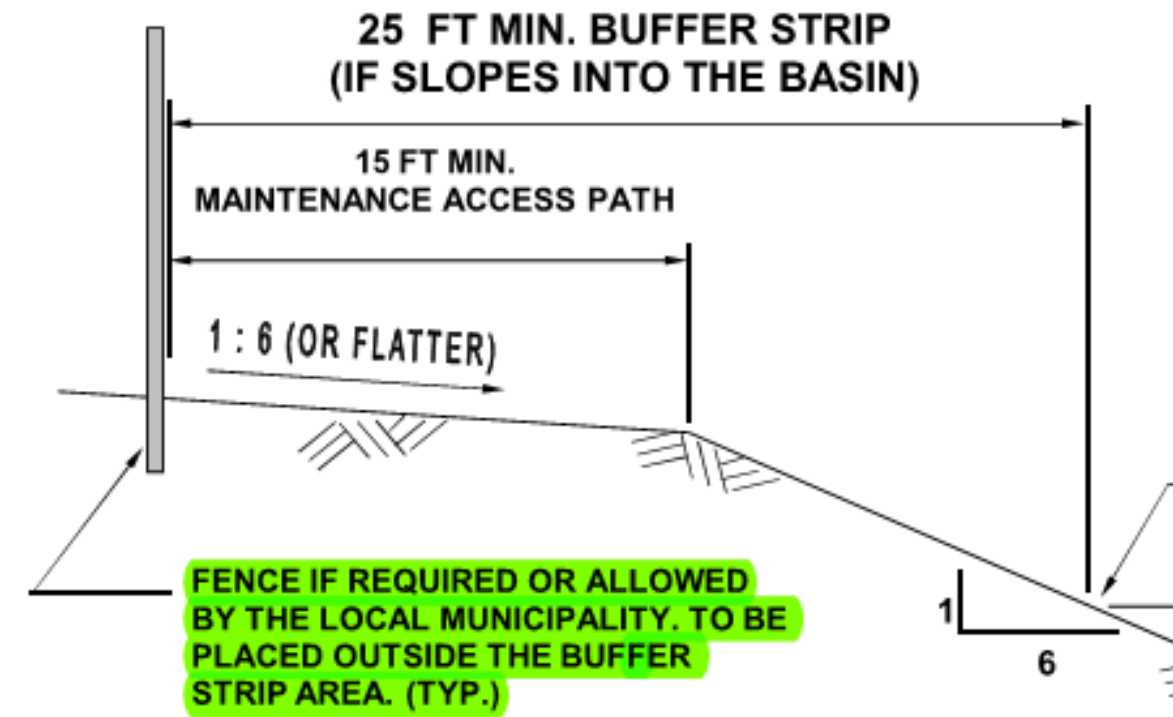


Boiler Plate Easement Language

Reviewed & Updated:



Detention Pond Fencing Requirements



All open detention basins which include a permanent pool, has a storage depth greater than 5 feet, or has side slopes exceeding one vertical to six horizontal must be fenced. *Fence may be waived if the Building Department feels the location and depth do not present a hazard.* For fenced ponds, the maximum side slope is one vertical to three horizontal. Fences will be a minimum of forty-two inch high black or green vinyl coated non-climbable chain link with a locking access gate, minimum eight (8) feet wide. Ornamental fences meeting the same dimension criteria are preferred.

Per Wayne County, the ponds must be constructed to retain a minimum four (4) feet deep permanent water pool. The design water level must not exceed five (5) feet above the permanent pool water level. Indemnification by the applicant shall be provided for all sites with detention or retention ponds. Additionally, Building Department may require additional safety measures based on pond location and depth. Refer to Appendix G: U.S. Department of Transportation F.A.A. Advisory Circular – Hazardous Wildlife Attractants on or near Airports for further requirements.

Excerpt from Page 48

