

Minnehaha Creek Watershed District

REQUEST FOR BOARD ACTION

MEETING DATE: February 26, 2015

TITLE: Request to approve Minnehaha Creek Watershed District Sign Master Plan and Sign Templates

RESOLUTION NUMBER: 15-013

PREPARED BY: Darren Lochner

E-MAIL: dlochner@minnehahacreek.org

TELEPHONE: 952-641-4524

REVIEWED BY: Administrator Counsel Program Mgr.:Telly Mamayek, Director of Communications and Education Board Committee Engineer Other

WORKSHOP ACTION:

<input checked="" type="checkbox"/> Advance to Board mtg. Consent Agenda.	<input type="checkbox"/> Advance to Board meeting for discussion prior to action.
<input type="checkbox"/> Refer to a future workshop (date):_____	<input type="checkbox"/> Refer to taskforce or committee (date):_____
<input type="checkbox"/> Return to staff for additional work.	<input type="checkbox"/> No further action requested.
<input type="checkbox"/> Other (specify): _____	

PURPOSE or ACTION REQUESTED: Authorization to approve Minnehaha Creek Watershed District Sign Master Plan and Sign Templates

PROJECT/PROGRAM LOCATION: District-wide and Minnehaha Creek Subwatershed

PROJECT TIMELINE:

January 23, 2014: MCWD Board of Managers approved RBA to execute a contract with Barr Engineering for professional services to develop a District Sign Master Plan

February-January 2014: Completed the development of a Master Plan for MCWD signage. The Master Plan includes an inventory of existing signs and plans for future sign templates and cost estimates of development and maintenance

February 2015: Seek Board approval of MCWD District Sign Master Plan and Sign Templates

PROJECT/PROGRAM COST:

Fund name and number: 2302, 2302, 2401

Current Budget: \$22,800

Expenditures to date:\$6,893.32

Requested amount of funding: N/A

Is a budget amendment requested? No

Is additional staff requested? No

PAST BOARD ACTION:

DRAFT for discussion purposes only and subject to Board approval and the availability of funds. Resolutions are not final until approved by the Board and signed by the Board Secretary.

January 10, 2013: Board of Managers meeting – Manager Blixt moved and seconded by Manager Shekleton, to direct staff to develop a proposal for District participation in the CMCC signage and landing project for discussion by the Board of Managers.

May 23, 2013: Board of Managers approved authorization to proceed with developing a Minnehaha Creek signage and landing standards plan.

November 7, 2013: Board of Managers Operations and Programs Committee recommended moving forward with developing a full Master Plan for implementation of all creek signage and landing structure upgrades, including developing construction costs.

January 2, 2014: Board of Managers Operation and Programs Committee recommended moving forward to a Board Workshop for approval of Minnehaha Creek signage and landings standards plan.

January 9, 2014: Board of Managers directed staff to revise the scope of services for the Minnehaha Creek signage and landings standards plan to include development of a district-wide sign master plan along with the Minnehaha Creek sign and landing master plan that is currently being proposed.

January, 23, 2014: Board of Managers approved authorization to execute a contract for professional services to develop a district sign master plan and Minnehaha Creek sign and landing master plan

February 12, 2015 : Board of Managers advanced the RBA requesting approval of the MCWD Sign Master Plan and Sign Templates to the February 26, 2015 meeting consent agenda.

SUMMARY:

A district-wide Sign Master Plan was developed along with the development of a Master Plan for Minnehaha Creek Signage and Landings. The district-wide Sign Master Plan was to include a comprehensive inventory and assessment of all existing signs in the district (in an interactive GIS format), sign templates for the types of signs that we use, and develop a repair and replacement plan with costs. This Master Plan will be used as a guide to develop all future signage for the district (see summary of Scope of Services below). Given the unique nature of the creek use and signage needs, staff recommended that the creek signage system be developed separately as a unique brand (similar to the Grand Rounds, for instance), thus it was presented as a separate item in the scope.

Scope of Project

- A. District-Wide Sign Master Plan
Budget: NTE \$28,800

The scope of professional consulting services includes:

1. Updated inventory and assessment of existing signs
2. Assess need for new signage with District staff
3. Develop sign templates with MCWD branding standards for the following sign types:
 - a. Informational
 - i. Land Conservation projects
 - ii. Capital projects
 - iii. Cost share/LID/Partner projects
 - b. Interpretive
 - i. Education and/or historical
 - c. Access/Usage
 - i. Access information
 - ii. Usage and/or restrictions
 - d. Temporary construction/restoration
4. Make recommendations for signage materials and installation
5. Create an estimate of cost for signage repair, replacement and new signs
6. Develop a Signage Master Plan drawing showing locations of all sign types and guidelines for signage needs

RESOLUTION

RESOLUTION NUMBER: 15-013

TITLE: Request to approve Minnehaha Creek Watershed District Sign Master Plan and Sign Templates

WHEREAS, the 2007 MCWD Comprehensive Plan includes a goal of increasing the use of surface waters by providing recreational opportunities for citizens to increase livability and quality of life within the watershed; and

WHEREAS, on May 23, 2013, the Board of Managers approved authorization to proceed with developing sign and landings standards along Minnehaha Creek; and

WHEREAS, on January 9, 2014, the Board of Managers requested a revised scope of services for the Minnehaha Creek sign and landing standards to include developing a district-wide signage master plan; and

WHEREAS, January 23, 2014, the Board of Managers approved authorization to execute a contract for professional services to develop a district sign master plan and Minnehaha Creek sign and landing master plan; and

WHEREAS, the MCWD consulted with Barr Engineering Company to develop a District Signage Master Plan and a Minnehaha Creek Signage and Landings Master Plan along with estimate of costs for signage repair, replacement and new sign development in addition to identifying locations of all sign types and guidelines for signage needs; and

WHEREAS, on February 12, 2015, the Board of Managers advanced the RBA requesting approval of the MCWD Sign Master Plan and Sign Templates to the February 26, 2015 meeting consent agenda.

NOW, THEREFORE, BE IT RESOLVED that the Minnehaha Creek Watershed District Board of Managers approves the Minnehaha Creek Watershed District sign master plan and sign templates.

Resolution Number 15-013 was moved by Manager _____, seconded by Manager _____.
Motion to adopt the resolution ___ ayes, ___ nays, ___ abstentions. Date: _____.

Secretary Date: _____

Memo

To: MCWD Board of Managers
From: Darren Lochner, Education Program Manager
Date: February 23, 2015
Re: District Sign Master Plan and Sign Templates

The enclosed District Sign Master Plan booklet, which is on the consent agenda for the February 26, 2015 meeting, includes the following redlined changes:

Pages 2 & 3: An additional column was added to identify the owner of the property where each respective sign is located. This change was made in response to board discussion at the Feb. 12, 2015 workshop regarding the need for clear communication and coordination with the landowner and other project partners in the design, installation and maintenance of District signage.

Page 22: On the advice of legal counsel the following language is being added to the "Placement" criteria: The safety of pedestrians, bicyclists and others will be of utmost importance in the location and orientation of all District signage. To ensure the District's signage does not pose a safety risk, the location and orientation of each sign will be evaluated on a case-by-case basis.

If you have any questions about these changes prior to the meeting, please contact Darren Lochner, Education Program Manager at 952-641-4524 or dlochner@minnehahacreek.org.



Minnehaha Creek Watershed District

District Wide Signage Templates



MINNEHAHA CREEK
WATERSHED DISTRICT



BARR



Contents

Sign Inventory

- 1** Existing Sign Location
- 2** Sign Information
- 4** Existing District Wide Signage (Photos)

District Wide Sign Templates

- 11** Sign Standards
- 12** District Wide Signage Summary

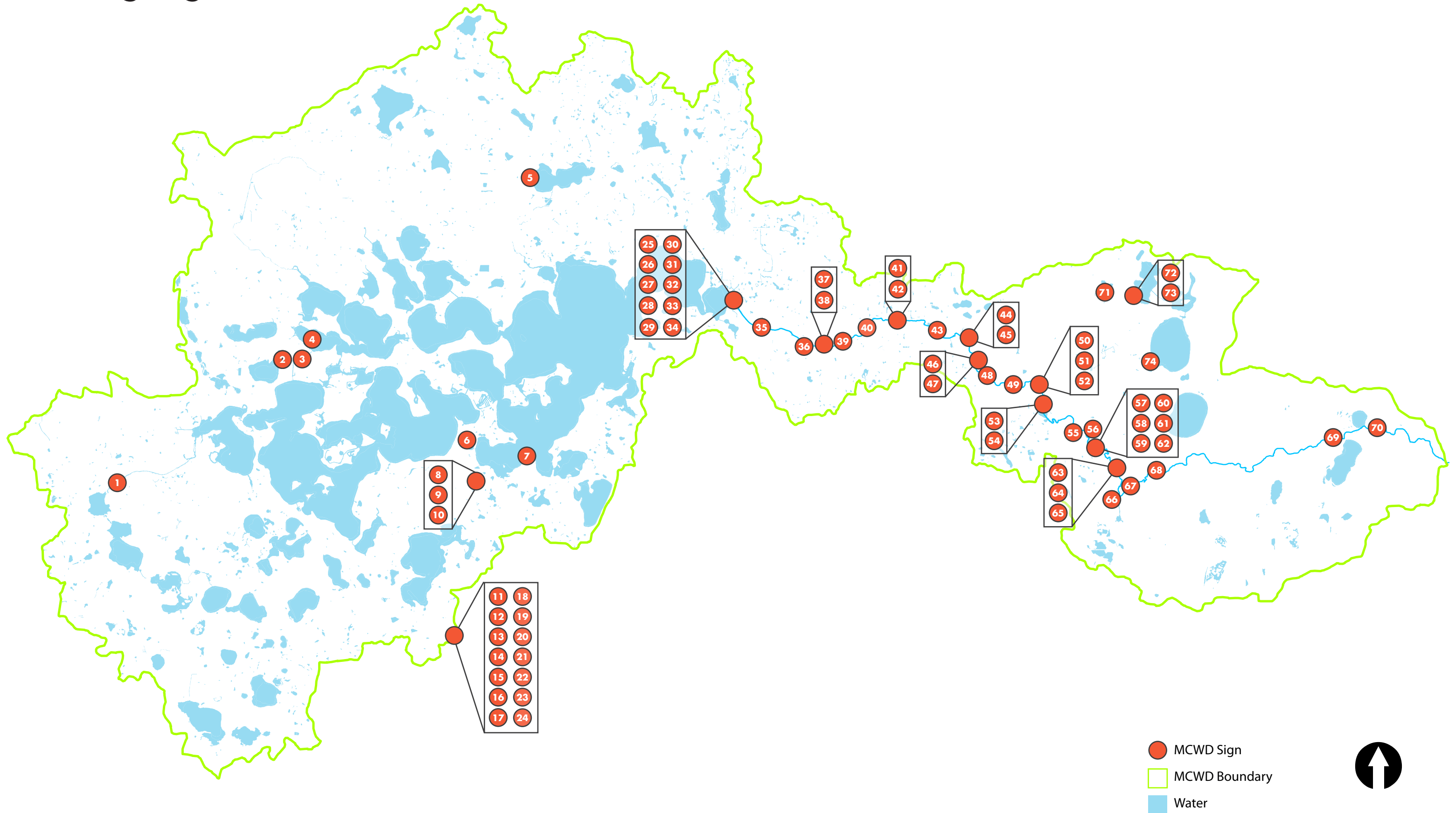
Sign Templates

- 13** Informational
- 15** Interpretive
- 17** Access/Usage
- 19** Construction/Restoration

Typical Installation Details

- 21** Sign Design Package
- 22** Sign Construction Standards
- 27** Summary of ADA Guidelines for District Signage

Existing Sign Locations



Existing Sign Information

	Project Sign	Site Name	Sign Type	Sign Material	Manufacturer	Artist	Landowner	Partner(s)	Assessment	Replace
1	Mud Lake Cons Area	Gould Fee Title	Information	Composite			MCWD		Good cond., but dated and in a bad location	
2	What a Swell Swale	Mound LID	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Mound	City of Mound	Poor, faded and graffiti	Yes
3	What a Swell Swale II	Mound LID	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Mound	City of Mound	Fair, discolored at bottom	
4	Shoreline Restoration Area	Centerview Park					City of Mound		Not installed	
5	Shoreline Habitat Restoration Project	Nelson Lk Park	Interpretive	Fiberglass	Dogtooth Designs	Esparza, Adams, Kirkeby	City of Long Lake	City of Long Lake, DNR	Fair, faded	
6	Shoreline Restoration Area	Old Orchard Park					City of Tonka Bay		Not installed	
7	Shoreline Restoration Area	Excelsior Point	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Excelsior	City of Excelsior	Good cond.	
8	Welcome to Gideon Glen	Gideon Glen	Information	Fiberglass	Dogtooth Designs	Dogtooth	City of Shorewood	Shorewood, Met Council	Fair, discolored	Yes
9	Gideon Glen: ...Water Filter	Gideon Glen	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Shorewood	Shorewood, Met Council	Fair, discolored	
10	The Big Woods	Gideon Glen	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Shorewood	Shorewood, Met Council	Poor, badly discolored	Yes
11	Arboretum E Side Trails	Spring Peeper	Information	Metal			Arboretum / UMN		Excellent	
12	Spring Peeper Meadow	Spring Peeper	Interpretive	Composite			Arboretum / UMN	LCCMR, Arboretum	Poor, paint and lettering peeling	Yes
13	SPM... A Restoration Experiment	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Poor, badly discolored	Yes
14	The History of SPM	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Fair, discolored	Yes
15	What is a Seasonal Wetland	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Fair, discolored	Yes
16	More Than Meets the Eye	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Poor, badly discolored	Yes
17	Thank You for Visiting SPM	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Fair, discolored	
18	Restoration Recipe	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Fair, discolored	
19	Restoration Monitoring	Spring Peeper	Could not access				Arboretum / UMN			
20	Attack of Wetland Invaders	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Fair, water damage	Yes
21	Become a Wetland Steward	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Fair	
22	Wetland Worries	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Fair	
23	Changing Lands...	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Fair	
24	Bursting with Life	Spring Peeper	Interpretive	Fiberglass	Dogtooth Designs	Stemper, Rozumalski, Adams	Arboretum / UMN	LCCMR, Arboretum	Poor, badly discolored	Yes
25	Minnehaha Canoe Route Map	Headwaters	Information	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Replace: difficult to read	Yes
26	Water Filter-Shoreline Restoration	Headwaters	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Discolored at bottom	
27	Mtka Parks and Trails	Headwaters	Information	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Discolored at bottom	
28	Water's Journey	Headwaters	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Discolored at bottom	
29	A Secret Place: Native History	Headwaters	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Replace: warped	
30	The Wetland Tour: What Is?	Headwaters	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Discolored at bottom	Yes
31	TWT: Upland Zone	Headwaters	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Discolored at bottom; post out of ground	Yes
32	TWT: Transitional Zone	Headwaters	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Good condition	
33	TWT: Aquatic Plant Zone	Headwaters	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Discolored at bottom	Yes
34	TWT: Open Water Zone	Headwaters	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Minnetonka	City of Mtk, Lk Mtk Garden Club	Badly discolored	Yes
35	Minnehaha Creek Canoe Landing	Jidana Park	LND	Wood			City of Minnetonka		Dilapidated	
36	Minnehaha Creek Crossing	McGinty Rd	CC	Aluminum			Hennepin County			
37	Minnehaha Creek Sign - Duckling Crossing	Burwell Park	Information	Aluminum			City of Minnetonka			
38	Minnehaha Creek Canoe Landing	Burwell Park	LND	Wood			City of Minnetonka		Outdated Wooden Structure	

* Blank table cells denote that the information is unknown, update cells as information is gathered

Existing Sign Information

	Project Sign	Site Name	Sign Type	Sign Material	Manufacturer	Artist	Landowner	Partner(s)	Assessment	Replace
39	Minnehaha Creek Canoe Landing	Minnetonka Blvd and Bridge St	LND	Wood			City of Minnetonka		No Landing	
40	Minnehaha Creek Crossing	Big Willow Rail Bridge Crossing	CC	Aluminum			City of Minnetonka			
41	Minnehaha Creek Canoe Landing	Hopkins Crossroads	LND	Wood			City of Hopkins		Outdated Wooden Structure	
42	Minnehaha Creek Canoe Landing	Hopkins Crossroads CR 73	LND	Wood			City of Hopkins		Outdated Wooden Structure	
43	Minnehaha Creek Crossing	Minnetonka Blvd	CC	Aluminum			Hennepin County			
44	Minnehaha Creek Crossing	34th St. Saint Louis Park	CC	Aluminum			City of St. Louis Park			
45	Minnehaha Creek Crossing- Low Crossing	34th St. Saint Louis Park	CC	Aluminum			City of St. Louis Park			
46	Minnehaha Canoe Route Map	Knollwood Target	Information	Aluminum			City of St. Louis Park	SLP Parks Dept	Graffiti w/ spray paint, split at top	Yes
47	Minnehaha Creek Canoe Landing	Knollwood Target	LND	Wood			City of St. Louis Park		Outdated Wooden Structure	
48	Minnehaha Creek Crossing (2 signs)	Blake Road	CC	Aluminum			Hennepin County			
49	Minnehaha Creek Canoe Landing	Creekside Park	LND	Wood			City of St. Louis Park		Graffiti, Outdated Wooden Structure	
50	Minnehaha Creek Crossing	Louisiana Ave	CC	Aluminum			City of St. Louis Park			
51	Healing Nature: WL Restoration	Methodist Hosp	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	Methodist Hospital	Methodist Hospital	Good, slight discoloration	
52	Healing Nature: Creek Remeander	Methodist Hosp	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	Methodist Hospital	Methodist Hospital	Good, slight discoloration	
53	Minnehaha Creek Canoe Landing	Meadowbrook Golf Course	LND	Wood			MPRB		No Landing	
54	Minnehaha Creek Sign - Meadowbrook Lake	Meadowbrook Lake	Information	Wood			MPRB		Dilapidated	
55	Minnehaha Creek Hazard - Caution Portage 3500 ft	Hwy 100	HZD	Wood			City of Edina		Dilapidated	
56	Minnehaha Creek Hazard - Waterfall	Browndale Dam	HZD	Aluminum			City of Edina			
57	Edina Mill: Famous Farming	Browndale Pk	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Edina	City of Edina	Good, slight discoloration	
58	Minnehaha Creek Canoe Landing	Browndale Dam	LND	Wood			City of Edina		Outdated Wooden Structure	
59	Edina Mill: fast Creek Generates Industry	Edina Mills Woodale	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Edina	City of Edina	Good, slight discoloration	
60	A Creek, A Cause, and Cows	Utley Park	Interpretive	Fiberglass	Dogtooth Designs	Dogtooth	City of Edina	City of Edina	Discoloration, frame broken/ missing	Yes
61	Minnehaha Creek Canoe Landing	Utley Park	LND	Wood			City of Edina		Outdated Wooden Structure	
62	Minnehaha Creek Canoe Landing	Utley Park	LND	Wood			City of Edina		Outdated Wooden Structure	
63	Minnehaha Creek Hazard - Portage	54th Street	HZD	Wood			City of Edina		Graffiti, Outdated Wooden Structure	
64	Minnehaha Creek Hazard - Portage	54th Street	HZD	Wood			City of Edina		Low Visibility, Outdated Wooden Structure	
65	Minnehaha Creek Canoe Landing	54th Street	LND	Wood			City of Edina			
66	Pamela Park Water Quality Improvement	Pamela Park	Information	Plywood			City of Edina	City of Edina	Good cond, but dated	
67	Minnehaha Creek Crossing	France Avenue	CC	Aluminum			Hennepin County		Low visibility due to overgrown vegetation	
68	Minnehaha Creek Crossing	Xerxes Ave	CC	Aluminum			Hennepin County			
69	Minnehaha Creek Crossing	Cedar Ave	CC	Aluminum			Hennepin County			
70	Minnehaha Creek Hazard - No Swimming	36th Ave	HZD	Aluminum			City of Minneapolis			
71	Plants Save the Shoreline	Twin Lakes Park	Interpretive	Fiberglass	Kestrel	Kestrel	Hennepin County	DNR	Faded	Yes
72	Plants Save the Shoreline	Cedar Meadows	Interpretive	Fiberglass	Kestrel	Kestrel	MPRB	DNR	Faded	Yes
73	Plants Save the Shoreline	Cedar Meadows	Interpretive	Fiberglass	Kestrel	Kestrel	MPRB	DNR	Faded	Yes
74	Plants Save the Shoreline	SW Calhoun	Interpretive	Fiberglass	Kestrel	Kestrel	MPRB	DNR	Faded	Yes

* Blank table cells denote that the information is unknown, update cells as information is gathered

Existing District Wide Signage



1 Mud Lake Conservation Area
Gould Fee Title



2 What a Swell Swale!
Mound LID Redevelopment



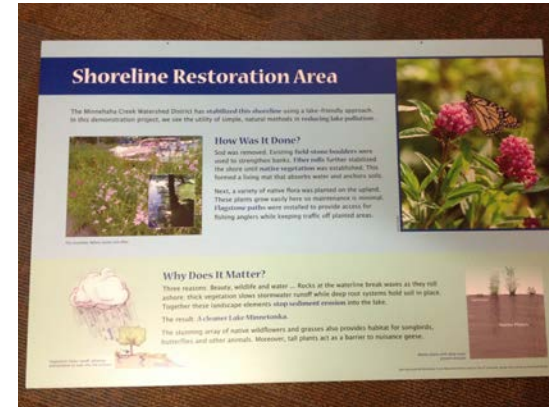
3 The Drop Stops Here!
Mound LID Redevelopment



4 Shoreline Restoration Area
Centerview Park Shoreline



5 Shoreline Habitat Restoration Project
Nelson Lake Park Shoreline



6 Shoreline Restoration Area
Old Orchard Park Shoreline



7 Shoreline Restoration Area
Excelsior Point Shoreline



8 Welcome to Gideon Glen
Gideon Glen



9 Gideon Glen: A Great Big Water Filter
Gideon Glen



10 The Big Woods: A (nearly) Lost Natural Heritage,
Gideon Glen



11 MN Land. Arb. East Side Trail System
Spring Peeper



12 MN Land. Arb. East Side Trail System
Spring Peeper

Existing District Wide Signage



13 SPM...A Restoration Experiment
Spring Peeper



14 The History of SPM
Spring Peeper



15 What is a Seasonal Wetland?
Spring Peeper



16 More Than Meets the Eye
Spring Peeper



17 Thank You for Visiting SPM
Spring Peeper



18 Restoration Recipe
Spring Peeper



19 Restoration Monitoring
Spring Peeper



20 Attack of the Wetland Invaders
Spring Peeper



21 Become a Wetland Steward
Spring Peeper



22 Wetland Worries
Spring Peeper



23 Changing Lands...Shrinking Habitats
Spring Peeper

Update Photo When Available

24 Bursting With Life
Spring Peeper

Existing District Wide Signage



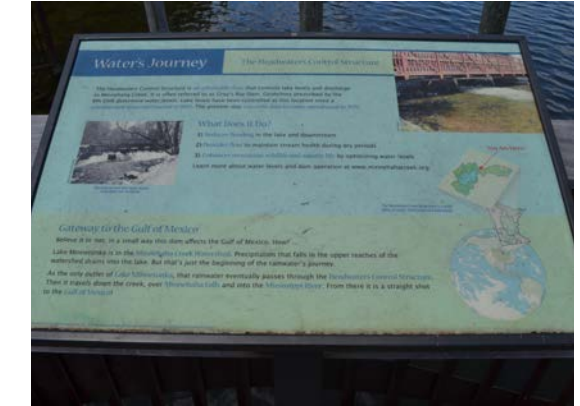
25 Minnehaha Canoe Route Map
Headwaters Shoreline



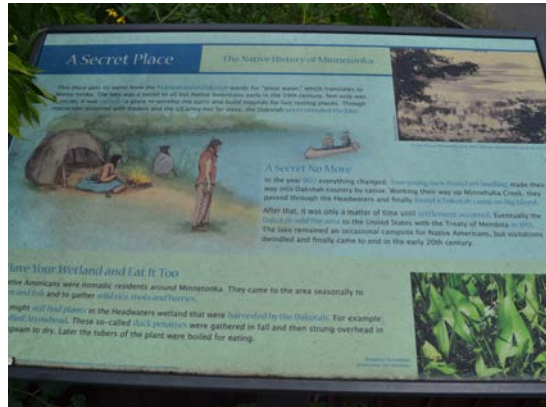
26 Water Filter-Shoreline Restoration Area,
Headwaters Shoreline



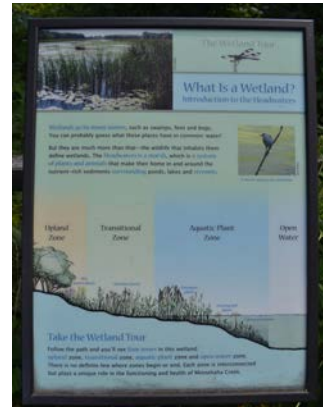
27 Minnetonka Parks & Trails
Headwaters Shoreline



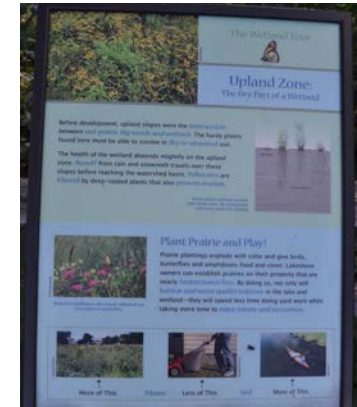
28 Water's Journey: The Headwaters Control Structure,
Headwaters Shoreline



29 A Secret Place: A Native History of
Minnetonka, Headwaters Shoreline



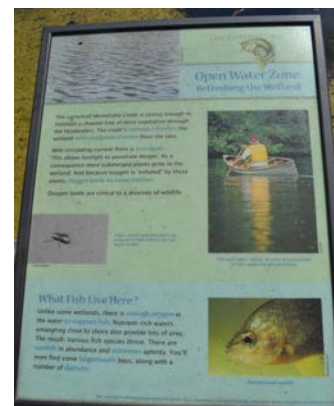
30 The Wetland Tour: What is a Wetland?,
Headwaters Shoreline



31 The Wetland Tour: Upland Zone
Headwaters Shoreline



32 The Wetland Tour: Transitional Zone,
Headwaters Shoreline



33 The Wetland Tour: Aquatic Plant Zone,
Headwaters Shoreline



34 The Wetland Tour: Open Water Zone,
Headwaters Shoreline



35 Minnehaha Creek Canoe Landing
Jidana Park



36 Minnehaha Creek Bridge Crossing
McGinty Rd & Minnehaha Creek



37 Minnehaha Creek Sign - Duckling Crossing, **Burwell Park**



38 Minnehaha Creek Canoe Landing **Burwell Park**



39 Minnehaha Creek Canoe Landing **Minnetonka Blvd and Bridge St**



40 Minnehaha Creek Bridge Crossing **Big Willow Rail Bridge**



41 Minnehaha Creek Canoe Landing **Hopkins Crossroads**



42 Minnehaha Creek CR 73 **Hopkins Crossroads**



43 Minnehaha Creek Bridge Crossing (2 signs) **Minnetonka Blvd**



44 Minnehaha Creek Bridge Crossing **34th St. Saint Louis Park**



45 Minnehaha Creek Bridge Crossing - Low Crossing, **34th St. Saint Louis Park**



46 Minnehaha Creek Map **Knollwood Target**



47 Minnehaha Creek Canoe Landing **Knollwood Target**



48 Minnehaha Creek Bridge Crossing (2 signs), **Blake Road**

Existing District Wide Signage



49 Minnehaha Creek Canoe Landing
Creekside Park



50 Minnehaha Creek Bridge Crossing
Louisiana Ave



51 Healing Nature: Wetland Restoration,
Methodist Hospital



52 Healing Nature: Creek Re-meander
Methodist Hospital



53 Minnehaha Creek Canoe Landing,
Meadowbrook Golf Course



54 Minnehaha Creek Sign
Meadowbrook Lake



55 Minnehaha Creek Hazard - Caution
Portage 3500 ft, Hwy 100 (east side of
bridge)



56 Minnehaha Creek Hazard - Waterfall,
Browndale Dam



57 Edina Mill: Nationally Famous Farming
Browndale Park



58 Minnehaha Creek Canoe Landing
Browndale Dam



59 Edina Mill: a Fast Creek Generates
Industry, Edina Mills Woodale Park



60 Edina Mill: a Fast Creek Generates
Industry, Utley Park



61 Minnehaha Creek Canoe Landing
Utley Park



62 Minnehaha Creek Canoe Landing
Utley Park



63 Minnehaha Creek Hazard - Portage
54th Street



64 Minnehaha Creek Hazard - Portage
54th Street



65 Minnehaha Creek Canoe Landing
54th Street



66 Pamela Park Water Quality Improvement
Project, Pamela Park



67 Minnehaha Creek Bridge Crossing
France Ave



68 Minnehaha Creek Bridge Crossing
Xerxes Ave



69 Minnehaha Creek Bridge Crossing
Cedar Ave



69 Minnehaha Creek Hazard - No
Swimming, 36th Ave



71 Plants Save the Shoreline
Twin Lakes Park Pond



72 Plants Save the Shoreline
Cedar Meadows

Existing District Wide Signage



73 Plants Save the Shoreline
Twin Lakes Park Pond



74 Plants Save the Shoreline
Cedar Meadows

Signage Standards

Vision

To create a unified system of signage that simplifies sign production, improves user experience, and increases public awareness of watershed district initiatives.

Objectives

- Provide effective, uniformed district sign templates
- Regularize sign design, materials, siting, and message to improve user experience, sign production, and maintenance costs
- Make the district's key destinations and initiatives visible and coherent to newcomers and residents alike
- Create an attractive and informative signs that fit within the character of the watershed district
- Communicate the Minnehaha Creek Watershed District's brand/identity

Fonts

Myriad Pro (headings)
 abcdefghijklmnopqrstuvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 1234567890

Verdana (tertiary information/body text)
 abcdefghijklmnopqrstuvwxyz
 ABCDEFGHIJKLMNOPQRSTUVWXYZ
 1234567890

Logo

Primary Logo (vertical logo) is the preferred version for district wide signage. The CMKY version should be used for all signage. When using the logo on dark-color backgrounds, the font color is converted to white to improve legibility. Using the logo in a consistent manner will result in brand awareness.

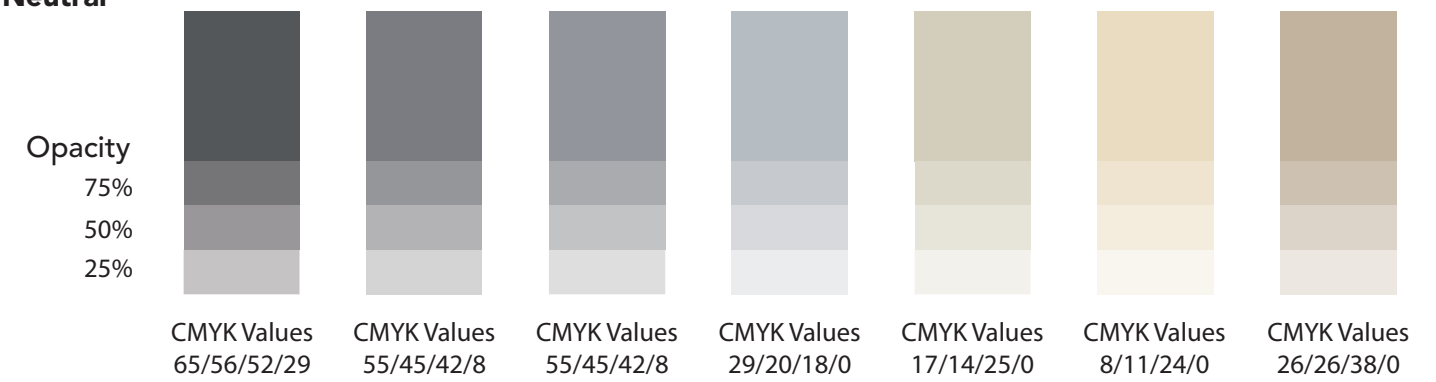


MINNEHAHA CREEK
 WATERSHED DISTRICT

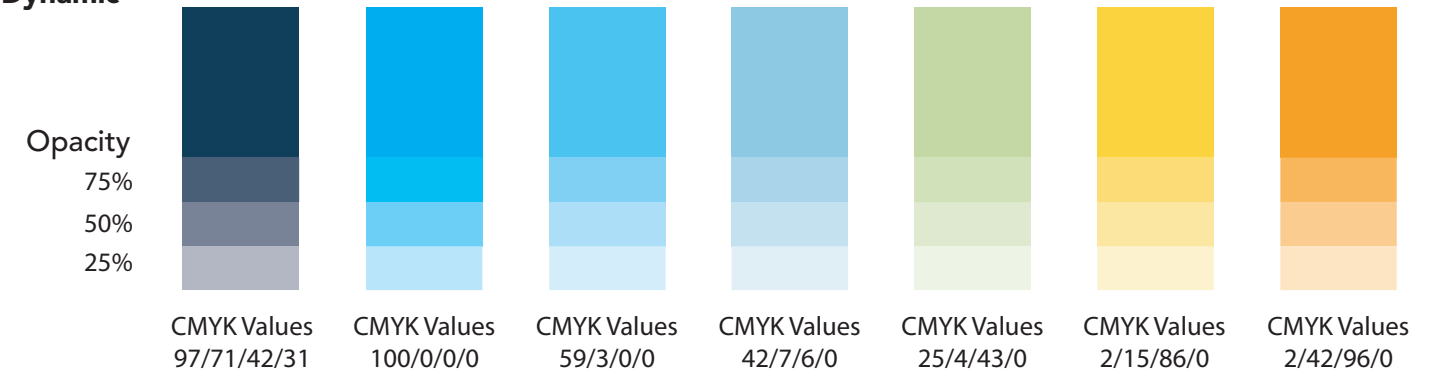
MCWD Signage Color Palette

Approved MCWD color palette should be used throughout signage package. CMKY colors are only to be used.

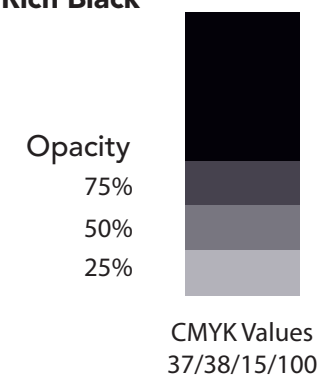
Neutral



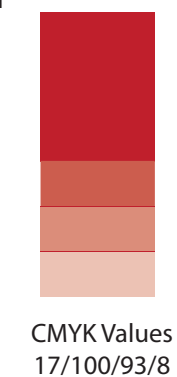
Dynamic



Rich Black



Red



District Wide Signage Summary

Templates are created as working Adobe InDesign files. An Adobe InDesign file has been created for each sign type. The InDesign files include an example page showing different elements of the template and how they could be used and modified in the creation of a sign file. In addition, different color background choices are provided.

Informational Signs

Land Conservation Projects, Capital Projects, Cost-share/LID/ Partner Projects

Interpretive Signs

Educational/Historical
(3 design layout examples provided)

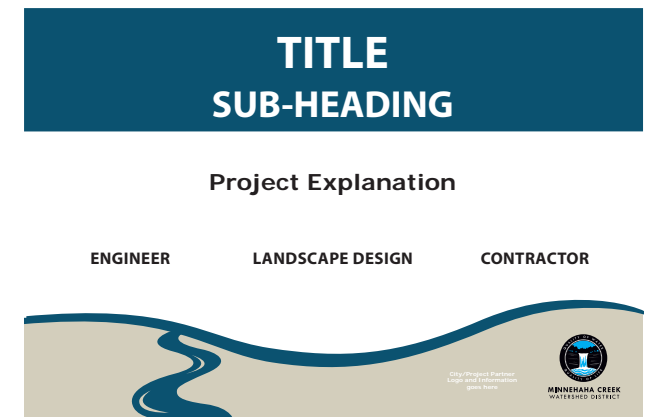
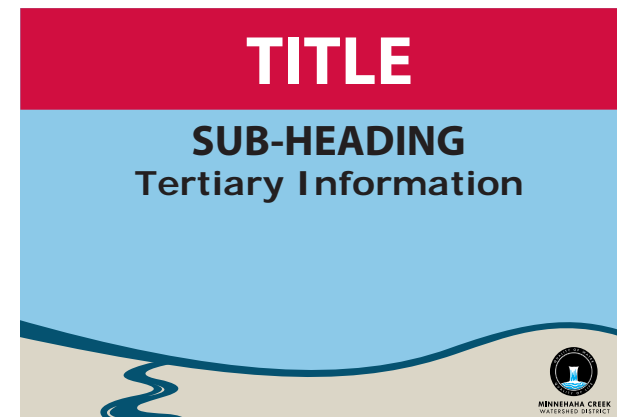
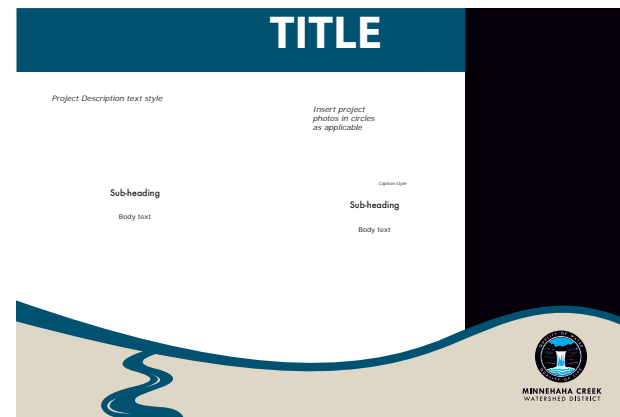
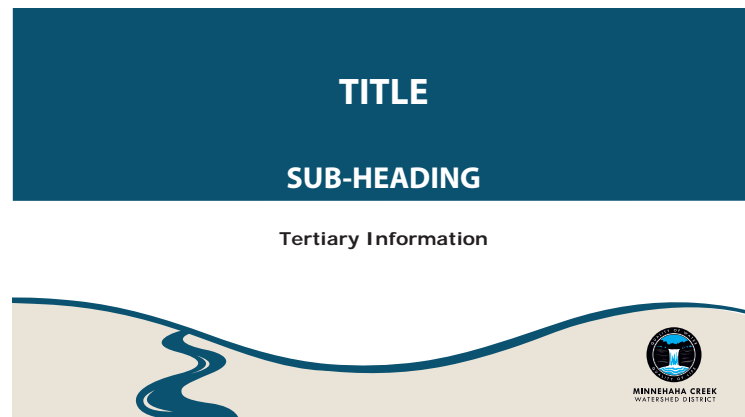
Access/Usage Signs

Access Information, Usage and/or Restrictions

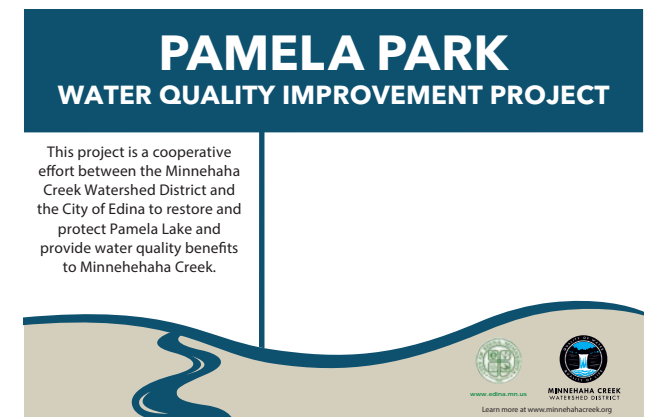
Construction/Restoration Signs

Temporary Signage for Construction/Restoration Projects (3 layout examples provided)

Template



Example



Informational Signage - Template Instructions

Basic information:

The document template is set up as a layered InDesign file. See appropriate InDesign file to manage and modify layers.

Within InDesign File:

Page 1 contains template instructions.

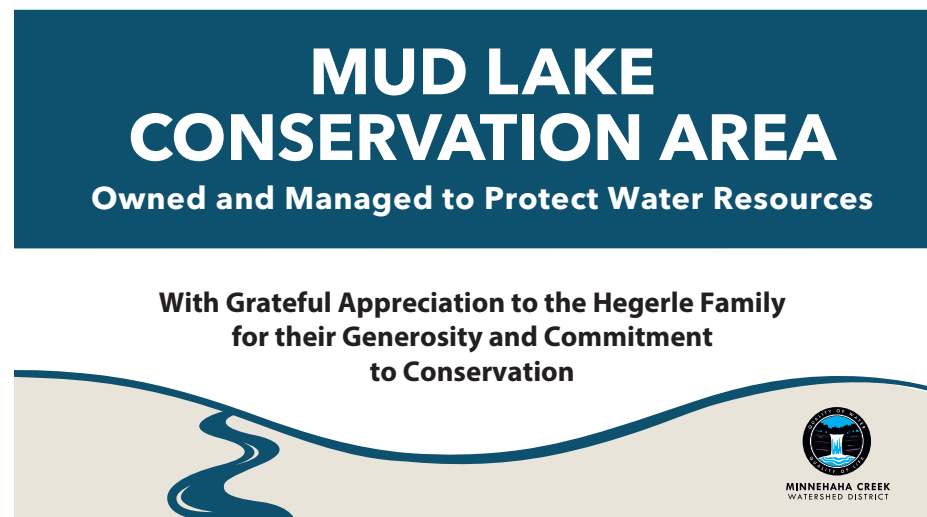
Page 2 is the working template file. Save document as new name and delete unwanted pages.

Page 3 is an example page, showing how the different elements of the template could be used in the creation of a sign file.

Printing/Production Information:

- Document is 54"x 30"
- 1/8" bleed included
- Colors in CMYK
- Minimum Resolution of 200 d.p.i for placed images

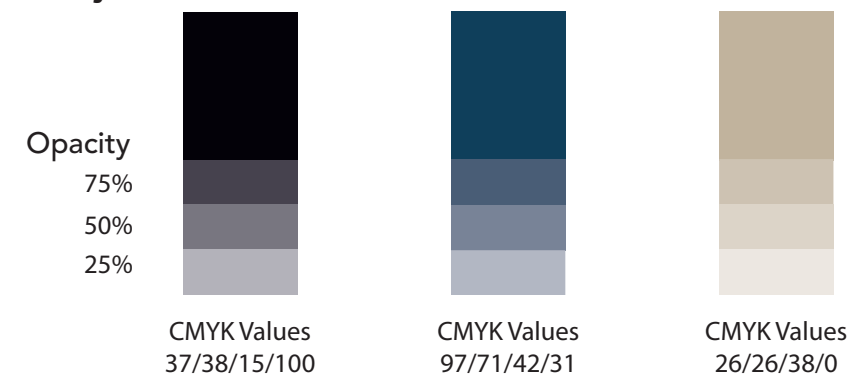
Example



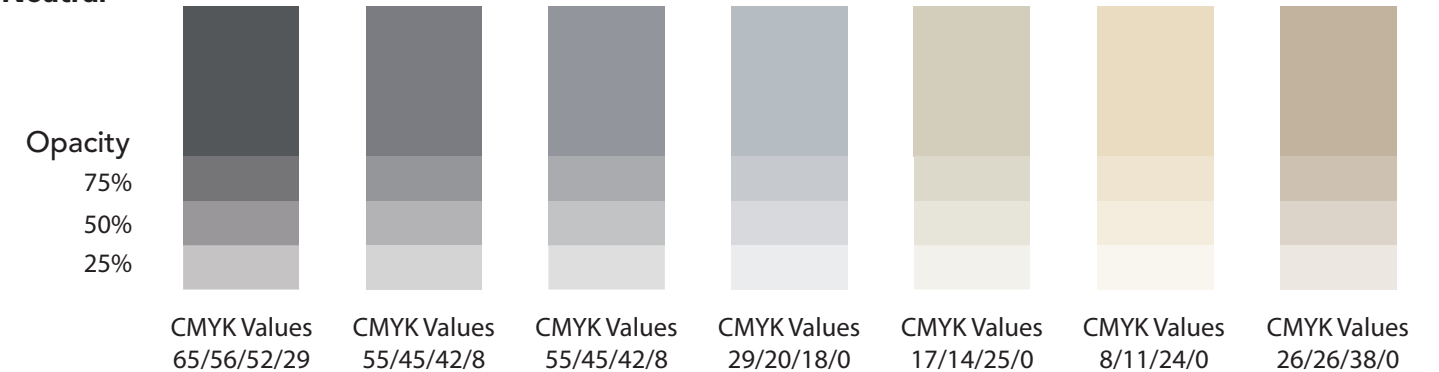
MCWD Color Palette

The approved MCWD color palette is used in this template.

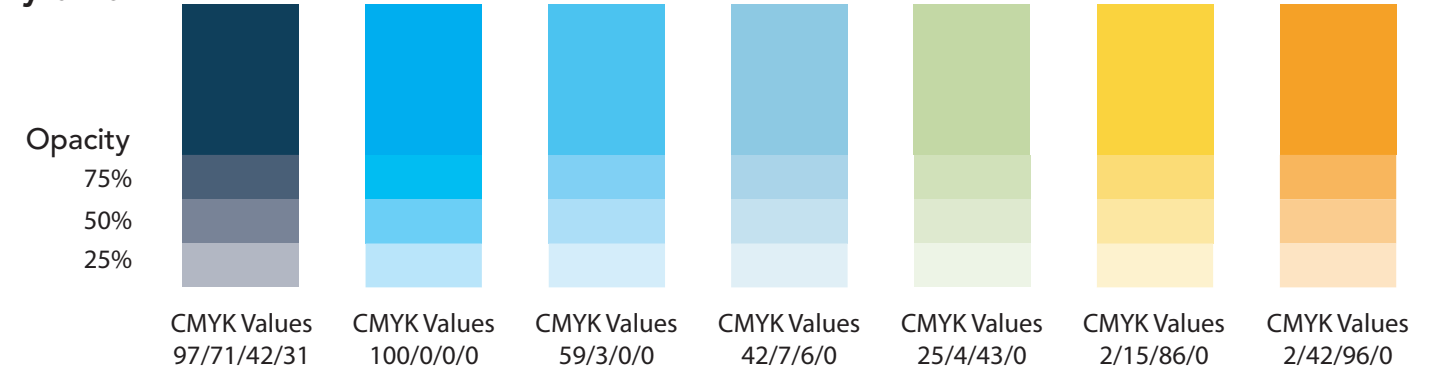
Primary



Neutral



Dynamic

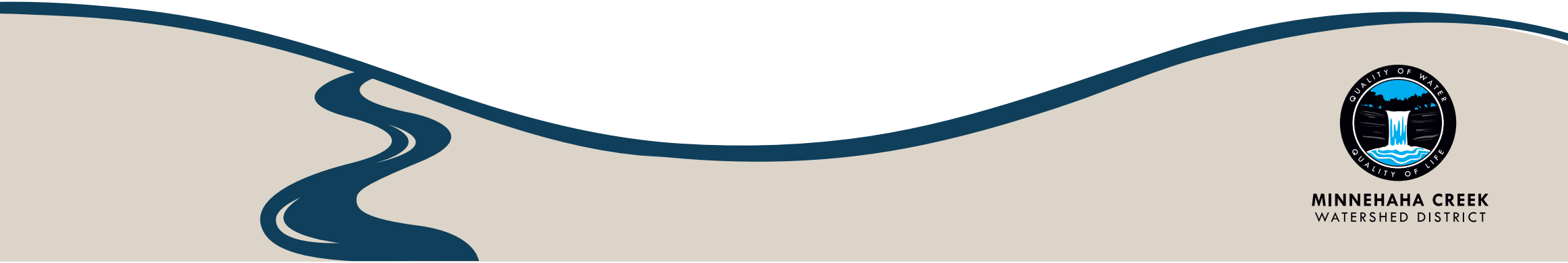


Informational Signage - Template

TITLE

SUB-HEADING

Tertiary Information



Interpretive Signage - Template Instructions

Basic information:

The document template is set up as a layered InDesign file. See appropriate InDesign file to manage and modify layers.

Within InDesign File:

Page 1 contains template instructions.

Page 2 is the working template file. Save document as new name and delete unwanted pages.

Page 3 is an example page, showing how the different elements of the template could be used in the creation of a sign file.

Printing/Production Information:

- Document is 36"x 24"
- 1/8" bleed included
- Colors in CMYK
- Minimum Resolution of 200 d.p.i for placed images

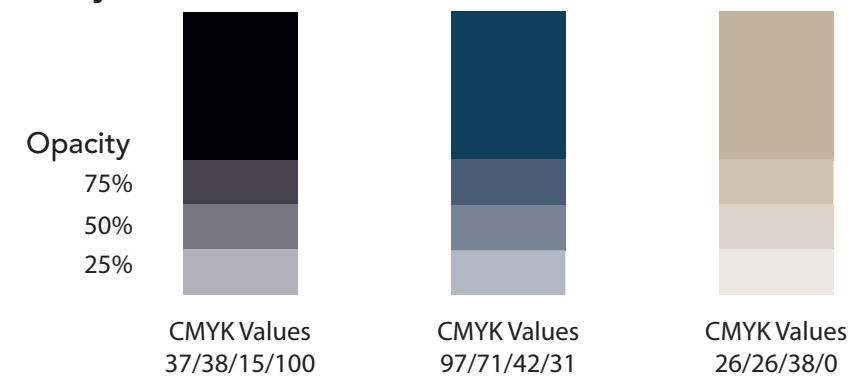
Example



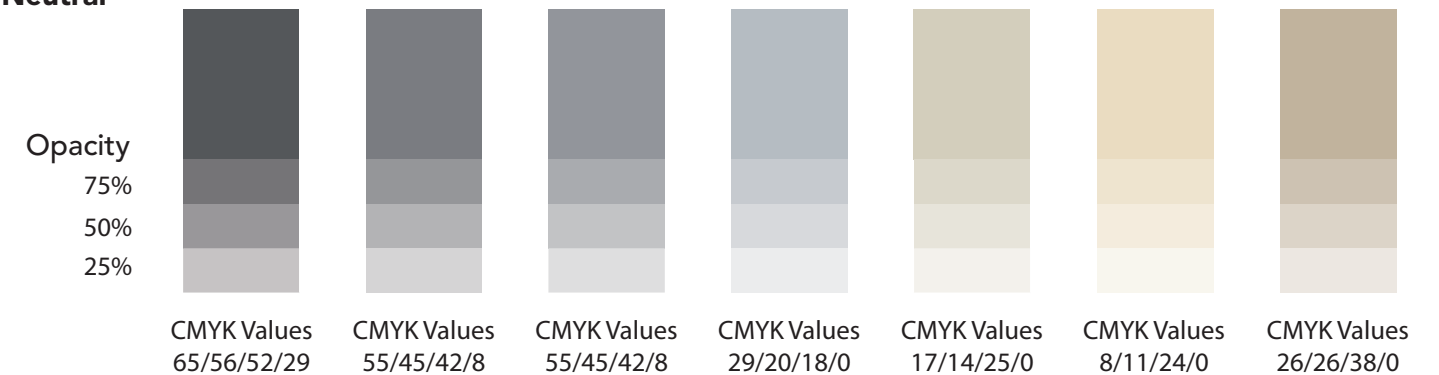
MCWD Color Palette

The approved MCWD color palette is used in this template.

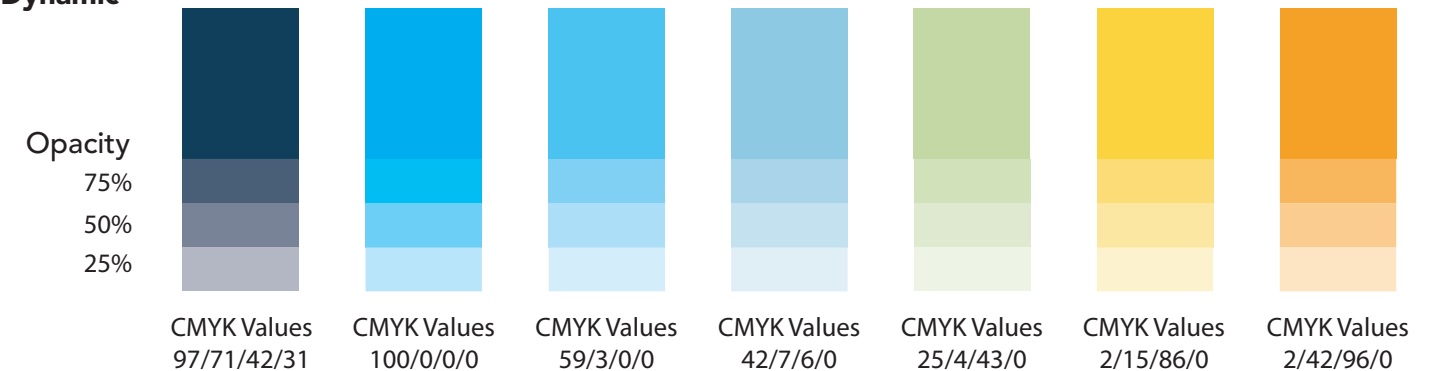
Primary



Neutral



Dynamic



Interpretive Signage - Template

The diagram illustrates a template for interpretive signage. It features a dark blue header bar at the top with the word "TITLE" in large, white, bold, sans-serif capital letters. Below the header, the main content area is divided into two columns. The left column contains a large white rectangular area with the text "Project Description text style" in italics at the top left. Below this, there is a "Sub-heading" in bold, followed by "Body text". The right column contains a dark blue rectangular area with the text "Insert project photos in circles as applicable" in italics at the top. Below this, there is a "Caption style" in italics, followed by a "Sub-heading" in bold, and then "Body text". To the right of the main content area, there is a vertical dark blue bar containing two white rectangular boxes, each with the text "Insert photo as applicable". At the bottom of the template, there is a stylized illustration of a river flowing through a landscape. The river is depicted with a dark blue, wavy line. The background is a light beige color. In the bottom right corner of the illustration, there is a circular logo for the Minnehaha Creek Watershed District. The logo features a waterfall and the text "QUALITY OF WATER" and "QUALITY OF LIFE". Below the logo, the text "MINNEHAHA CREEK WATERSHED DISTRICT" is written in bold, sans-serif capital letters.

Regulatory Signage - Template Instructions

Basic information:

The document template is set up as a layered InDesign file. See appropriate InDesign file to manage and modify layers.

Within InDesign File:

Page 1 contains template instructions.

Page 2 is the working template file. Save document as new name and delete unwanted pages.

Page 3 is an example page, showing how the different elements of the template could be used in the creation of a sign file.

Printing/Production Information:

- Document is 24"x 16"
- 1/8" bleed included
- Colors in CMYK
- Minimum Resolution of 200 d.p.i for placed images

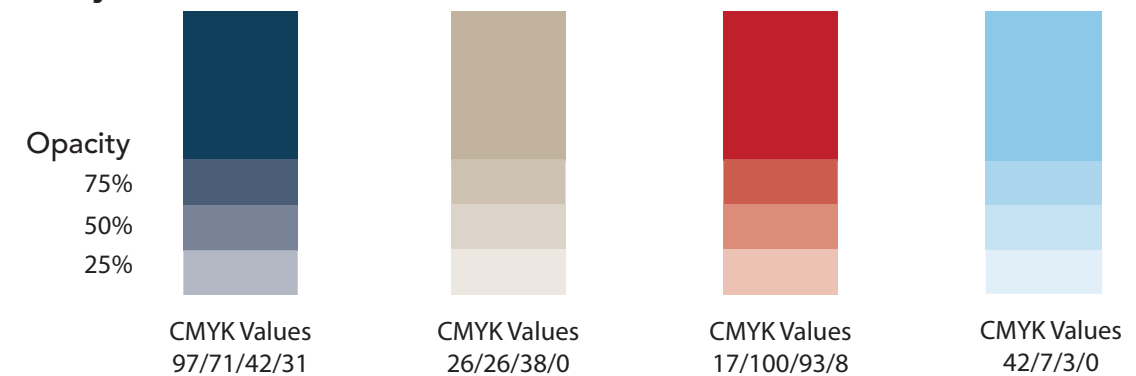
Example



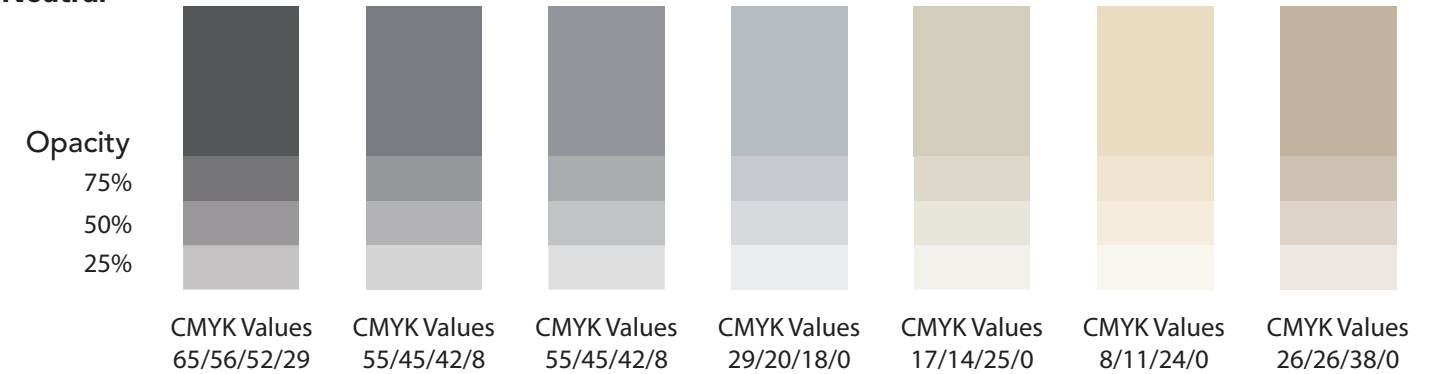
MCWD Color Palette

The approved MCWD color palette is used in this template.

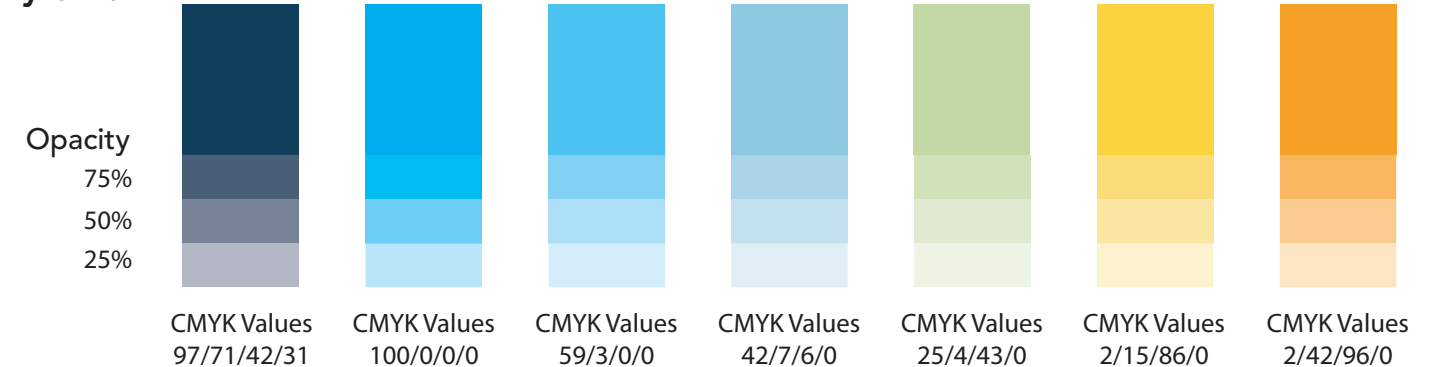
Primary

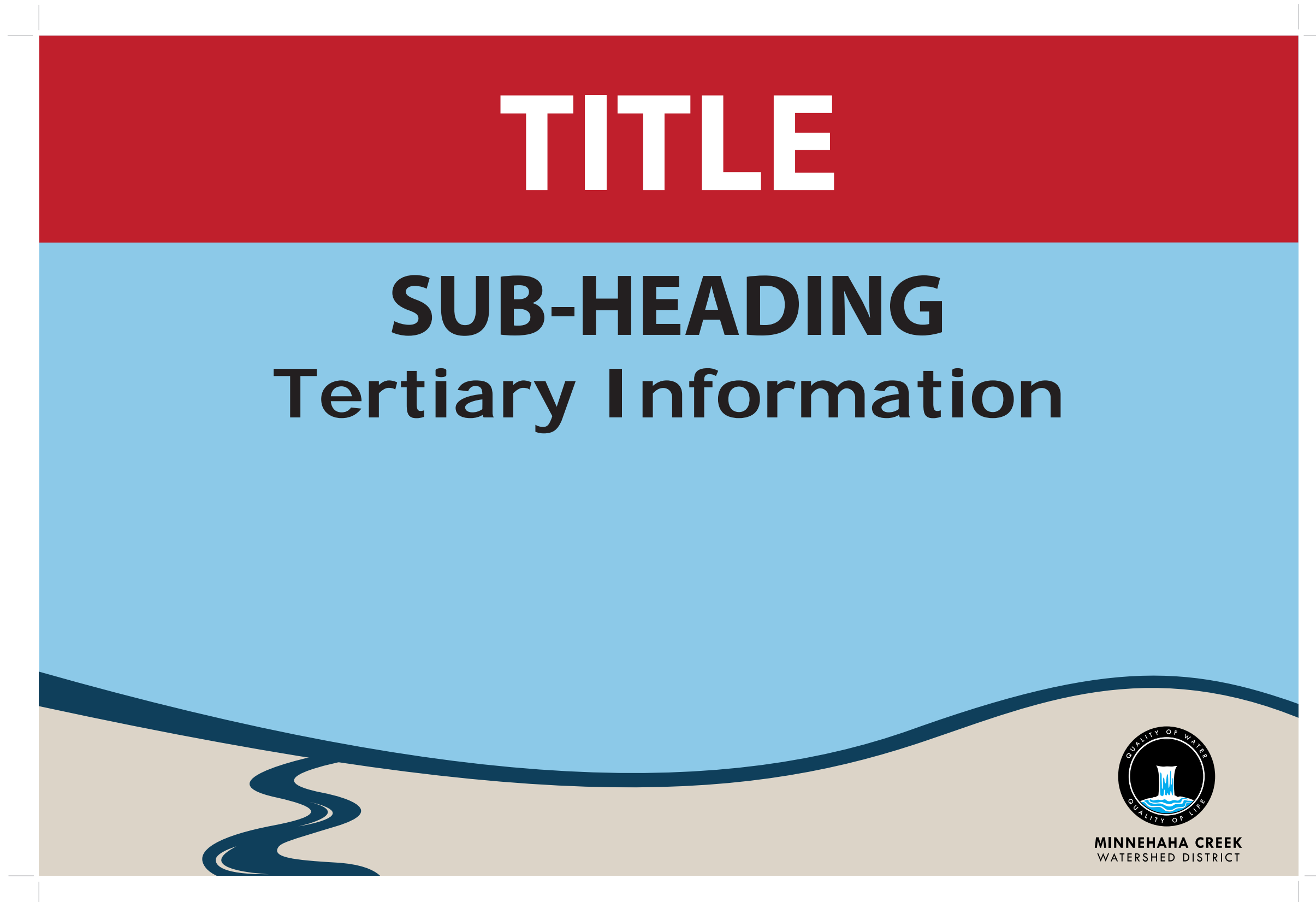


Neutral



Dynamic





Construction Signage - Template Instructions

Basic information:

The document template is set up as a layered InDesign file. See appropriate InDesign file to manage and modify layers.

Within InDesign File:

Page 1 contains template instructions.

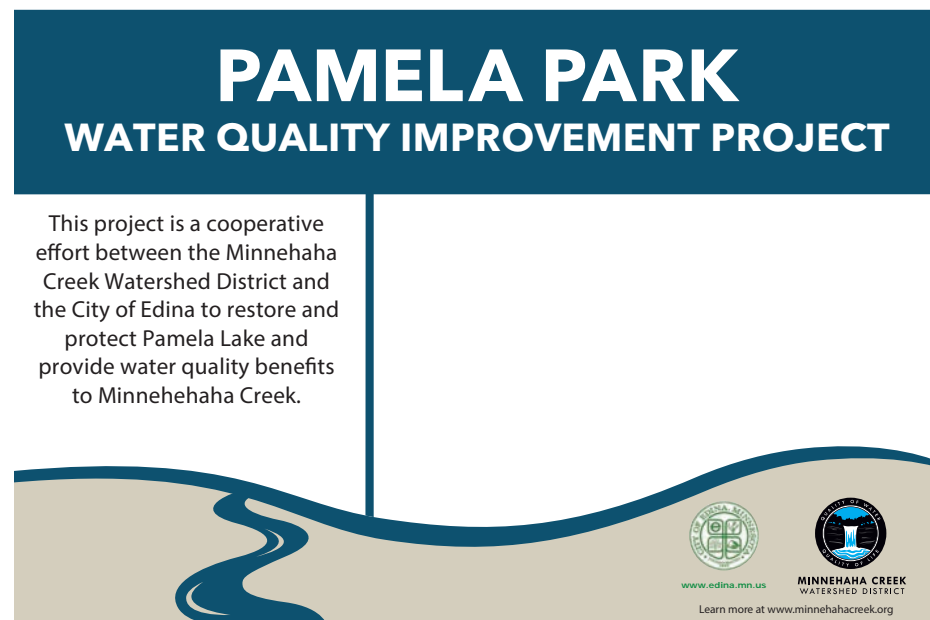
Page 2 is the working template file. Save document as new name and delete unwanted pages.

Page 3 is an example page, showing how the different elements of the template could be used in the creation of a sign file.

Printing/Production Information:

- Document is 36"x 24"
- 1/8" bleed included
- Colors in CMYK
- Minimum Resolution of 200 d.p.i for placed images

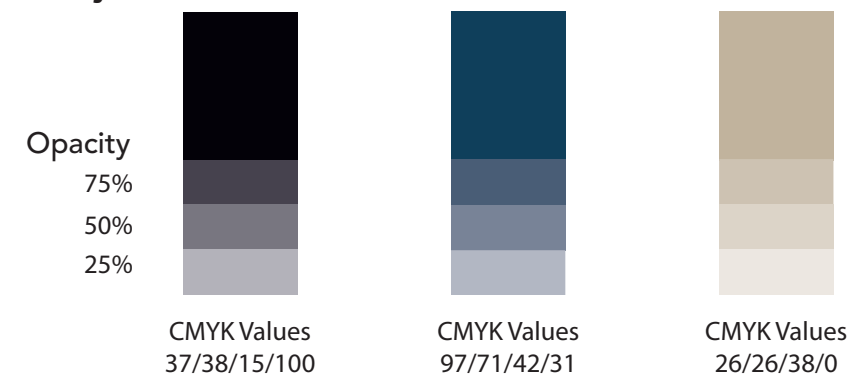
Example



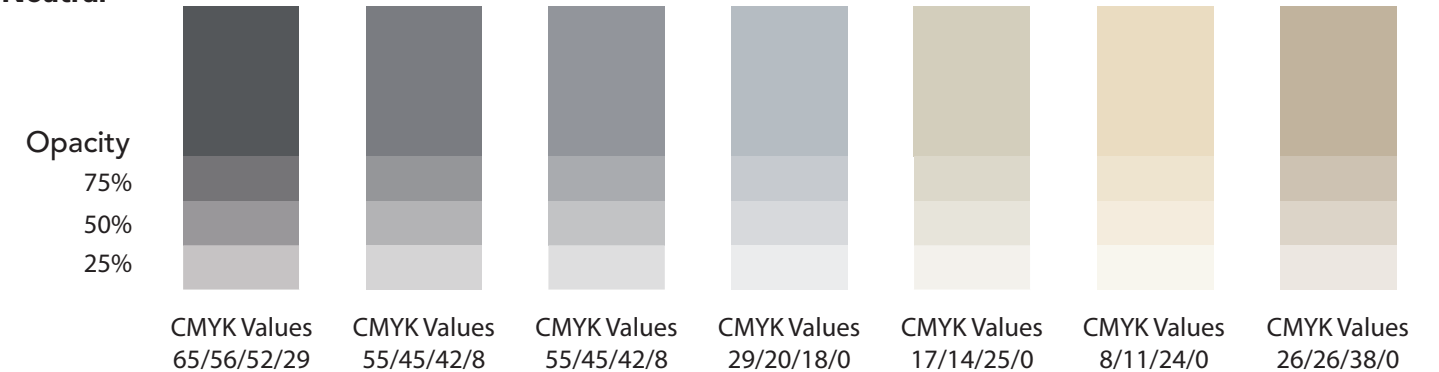
MCWD Color Palette

The approved MCWD color palette is used in this template.

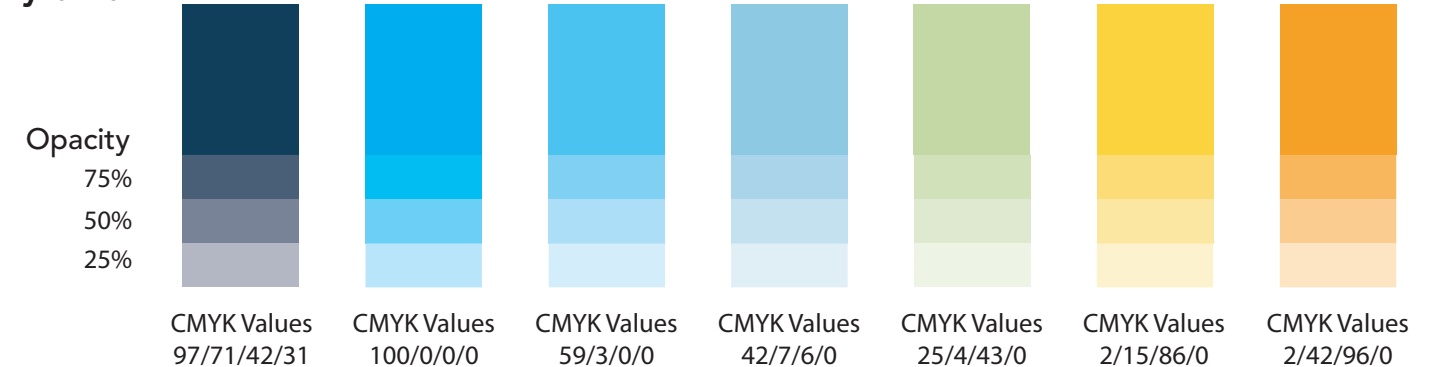
Primary



Neutral



Dynamic



Construction Signage - Template

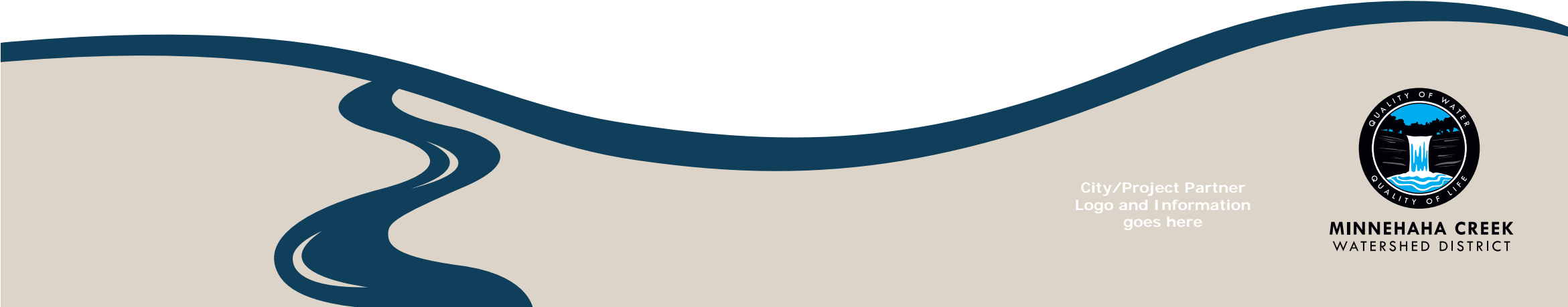
TITLE
SUB-HEADING

Project Explanation

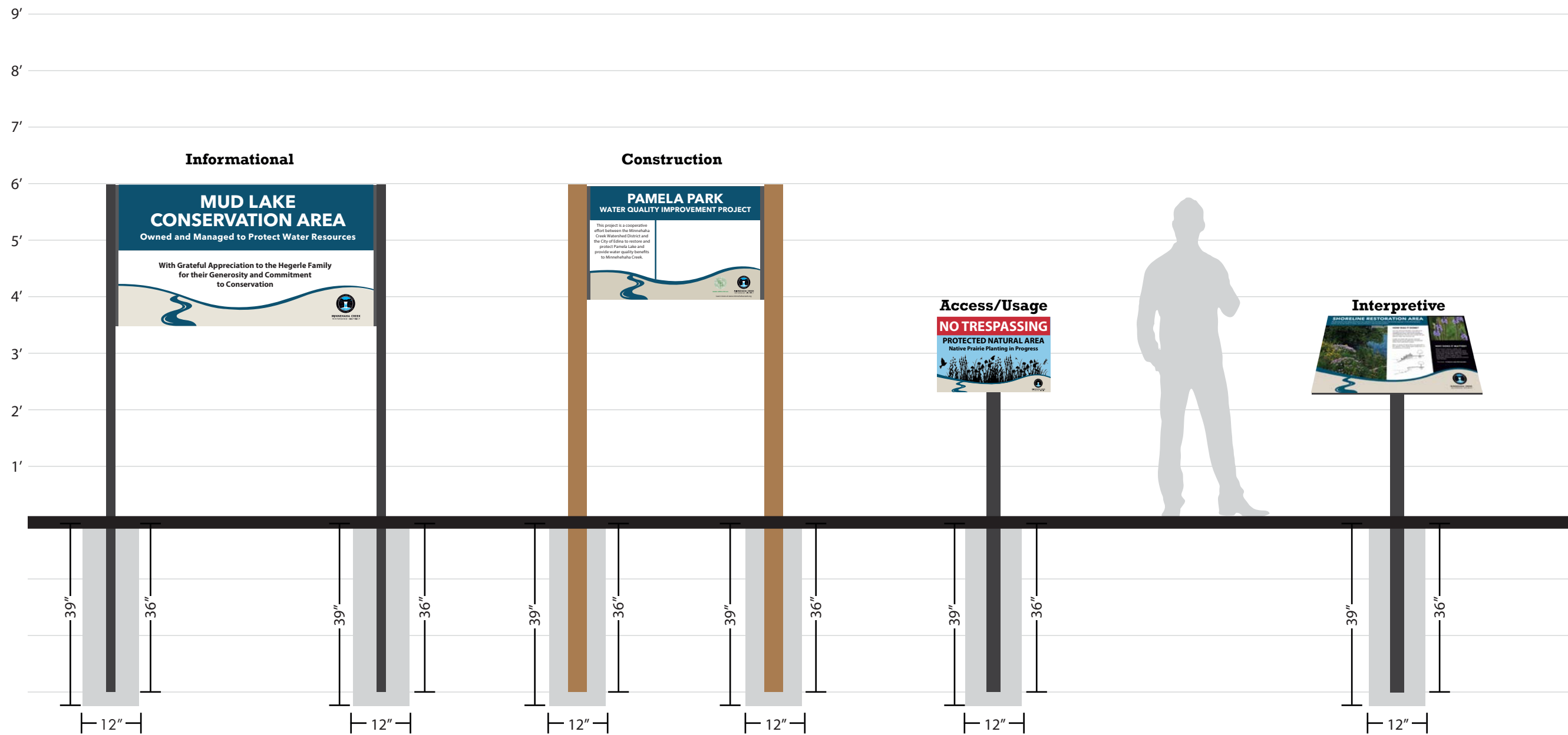
ENGINEER

LANDSCAPE DESIGN

CONTRACTOR



Sign Design Package



Post

Embed post a minimum of 36" into the ground.

Footing

Pour concrete at least 6" wider and 3" deeper than post and embed. Follow manufacturer's recommendations.

Construction Standards

Materials

- All permanent sign posts, sign post base covers, post caps, and other external components shall be constructed of aluminum in order to minimize the likelihood of rusting, hardware and other components shall be aluminum, stainless steel, or zinc coated steel to reduce the risk of corrosion.
- Thickness, size and type of sign panel shall be determined based on sign type and manufacturer's recommendations.
- All anchorage and fastenings of metal items shall be finished to match and structurally adequate to support sign type.
- Tamper proof fasteners that meet manufacturer's approval are recommended for all sign types.
- Material finish on all materials shall be non-glare

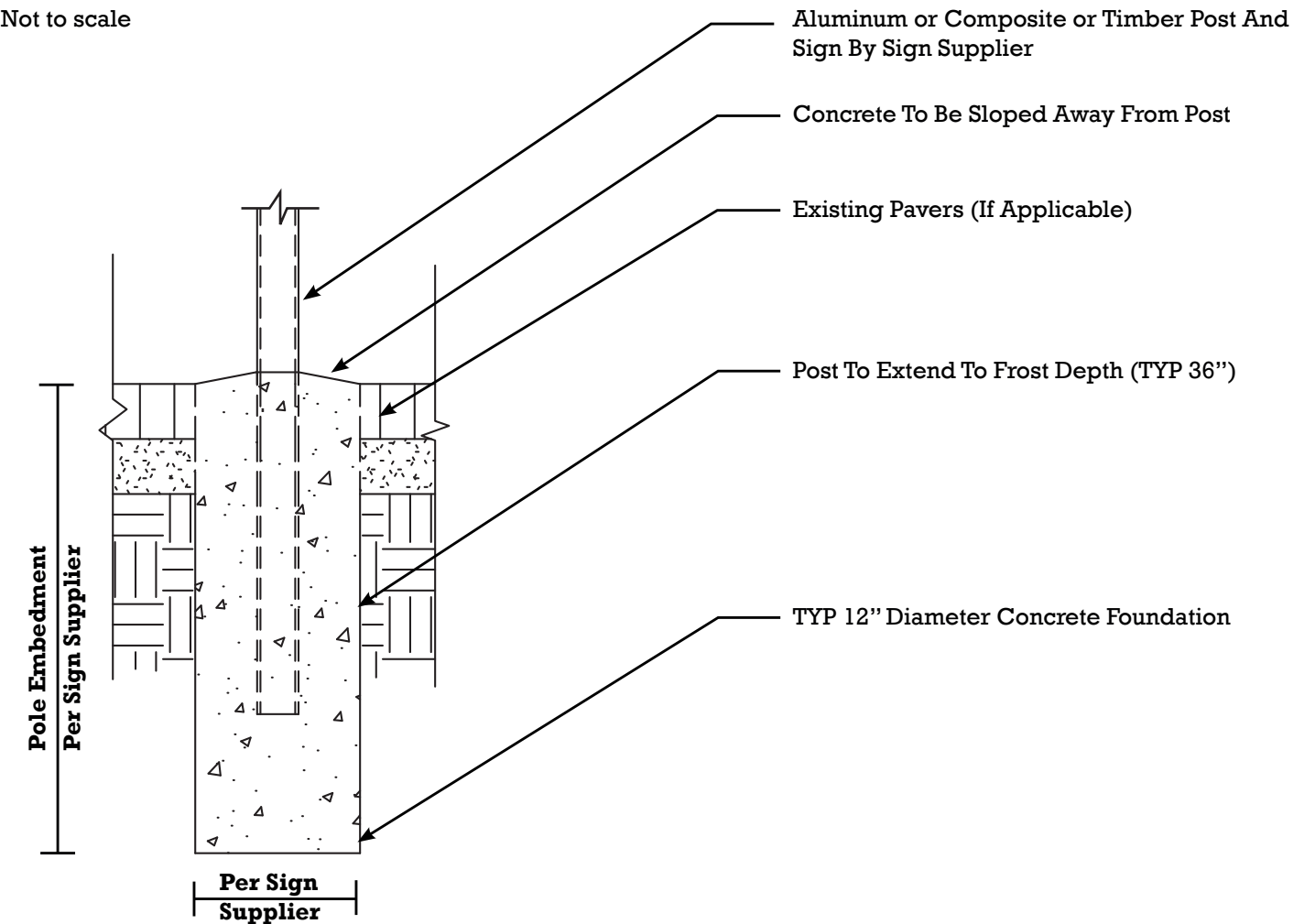
Placement

- All signage shall be placed in location that maximizes legibility for all constituents within district. Refer to ADA sign standards for additional information regarding legibility distances and sign height standards.
- A survey of ground conditions related to soil content, density, and compaction are the responsibility of the installer and should be inspected prior to installation.
- Footing depth and materials can vary depending on adjacent surface material and soil composition.
- The safety of pedestrians, bicyclists and others will be of utmost importance in the location and orientation of all District signage. To ensure the District's signage does not pose a safety risk, the location and orientation of each sign will be evaluated on a case-by-case basis.

Embedded Footing

Typical Section

Not to scale



Sign Construction Standards

Interpretive

Description:

Interpretive signage to be displayed on frameless pedestal for angle mounting self supporting display panels. Sign panel should typically sit 32"- 36" from ground.

Size:

Typically 36" x 24"

Sign Face:

.125" thick ImageLoc panel with blind mount

Hardware:

Stainless steel

Pedestal:

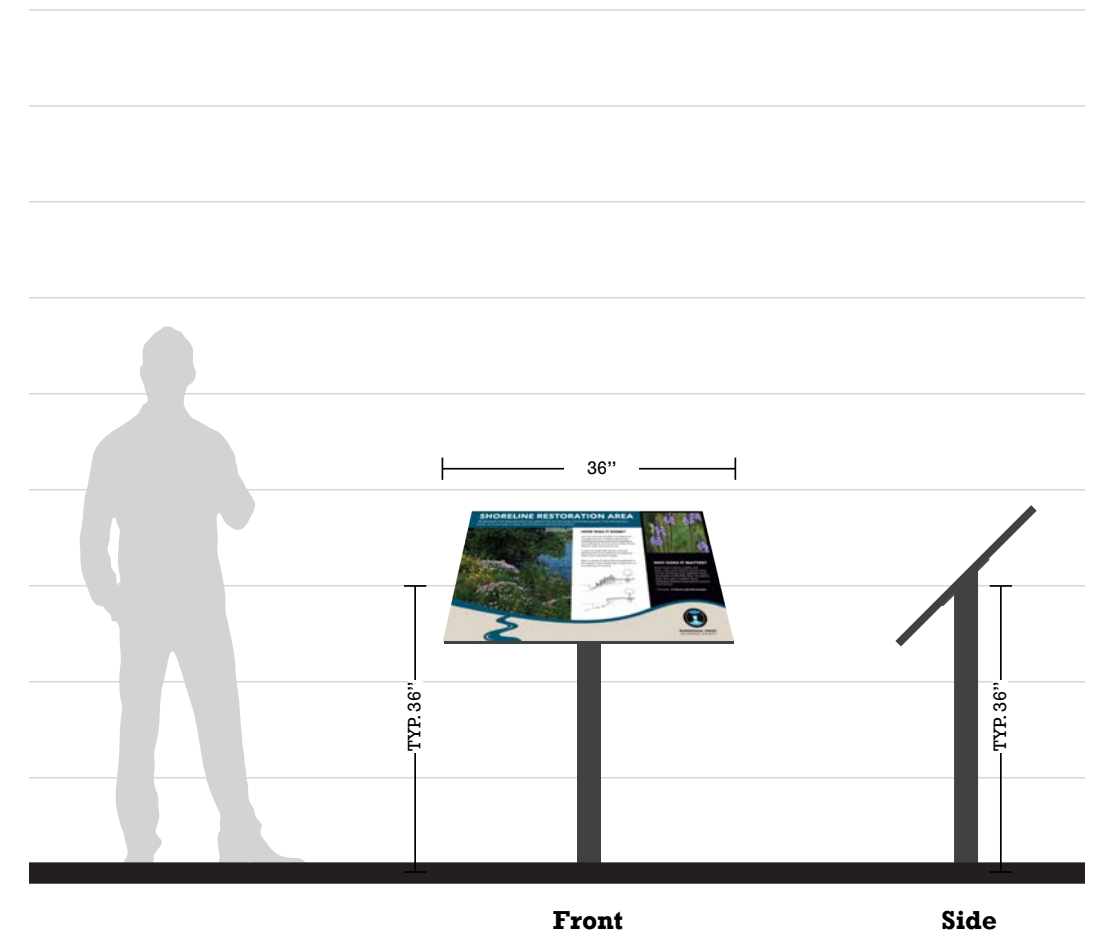
30 or 45 degree angle mount

Post:

3" x 3" aluminum post with plate with standard black powder coat finish

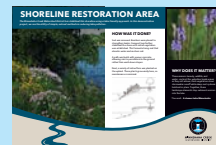
Footing:

In ground installation should be installed per manufacturer's recommendations. Typically a minimum of 36" depth is required to reach frost line depth.



Applicable Sign Types

Interpretive -
Educational/Historical



Sign Construction Standards

Informational

Description:

Informational signage to be displayed on a self supporting upright pedestal with aluminum mounting flange on backside of panel. The pre-drilled holes in flange should correspond to tapped or drilled holes in self supporting panel. Fasten using thru-bolts or with blind mount hardware.

Size:

Typically 54" x 30"

Sign Face:

.125" thick ImageLoc panel or .5" thick high pressure laminate

Hardware:

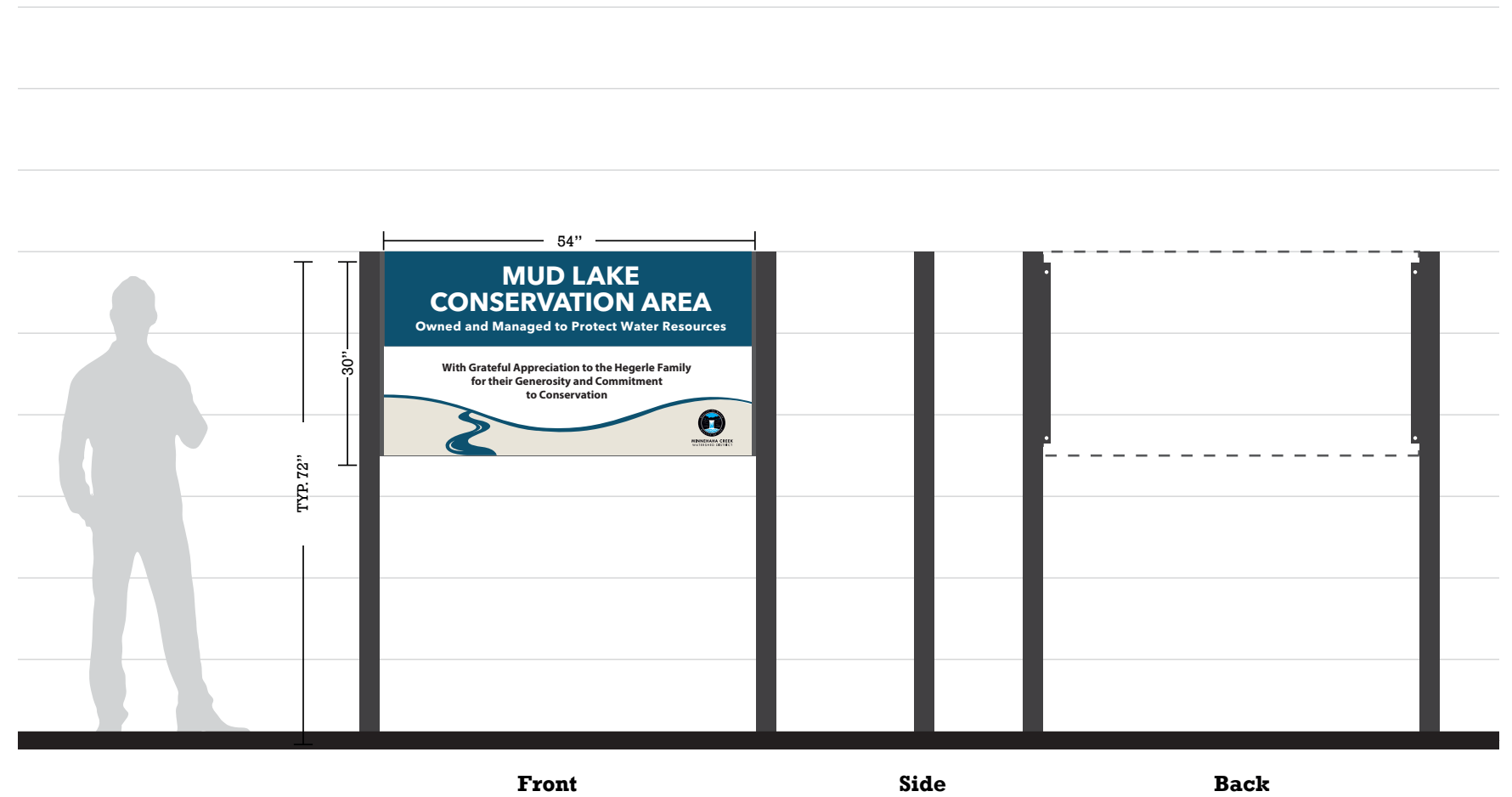
Stainless steel

Post:

3" x 3" aluminum post with welded mounting flange, standard black powder coat finish

Footing:

In ground installation should be installed per manufacturer's recommendations. Typically a minimum of 36" depth is required to reach frost line depth.



Applicable Sign Types

Land Conservation Projects
Capital Projects
Cost Share/LID/Partner Projects



Sign Construction Standards

Temporary Construction

Description:

Temporary signage to be displayed on economical Alupalite or MDO panel. Side brace panel to allow for single or double sided display.

Size:

Typically 36" x 24"

Sign Face:

Alupalite

Hardware:

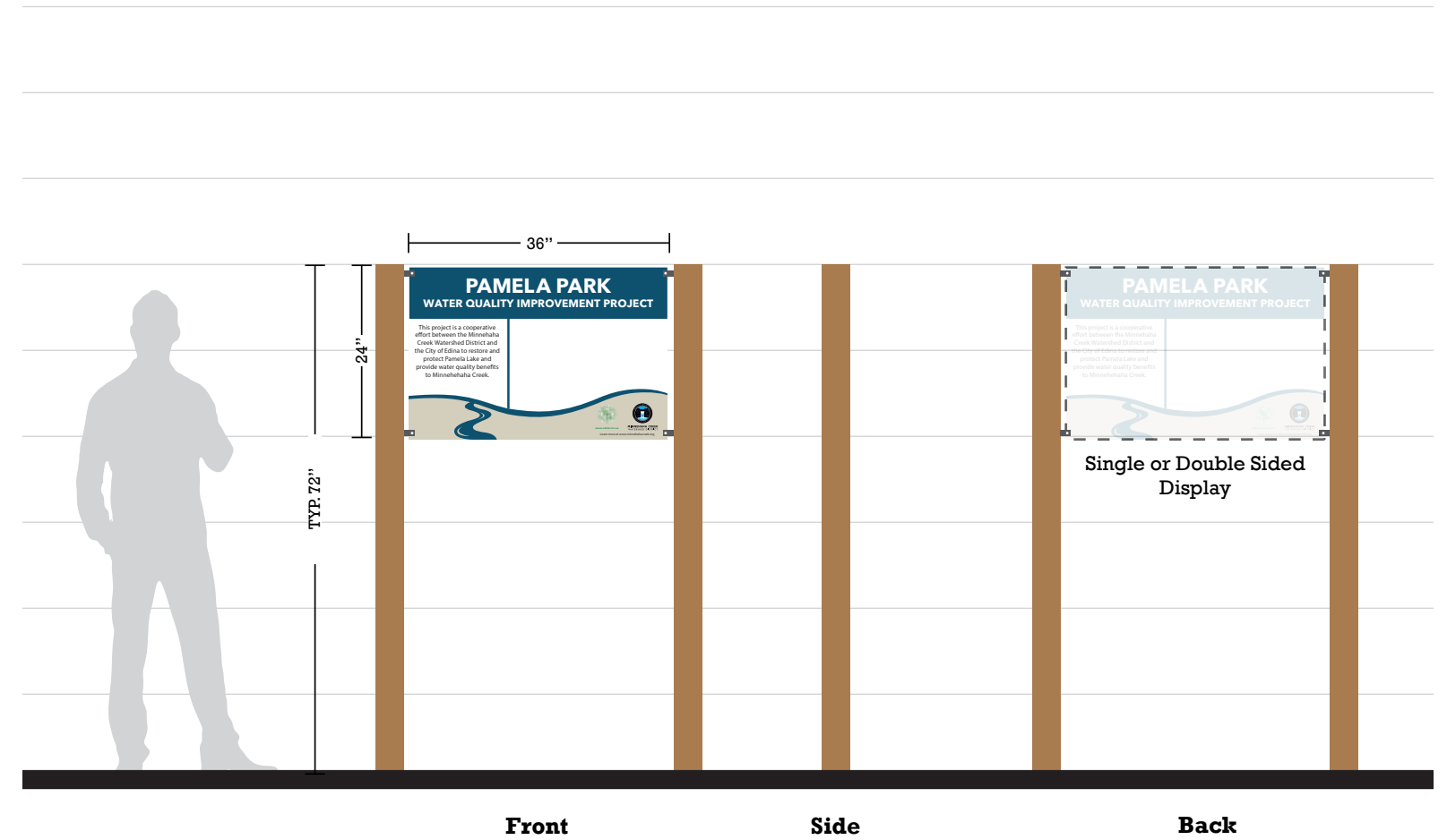
Stainless steel

Post:

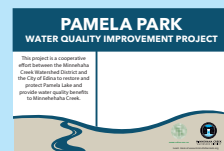
4" x 4" Composite post with post cap, finish/color to be determined based on project needs

Footing:

In ground installation should be installed per manufacturer's recommendations. Typically a minimum of 36" depth is required to reach frost line depth.



Applicable Sign Types
Temporary Construction
Temporary Restoration



Sign Construction Standards

Access/Usage

Description:

Access and Usage signage to be displayed on a frameless pedestal for upright self supported panels.

Size:

Typically 24" x 16"

Sign Face:

.125" thick ImageLoc panel

Hardware:

Stainless steel

Pedestal:

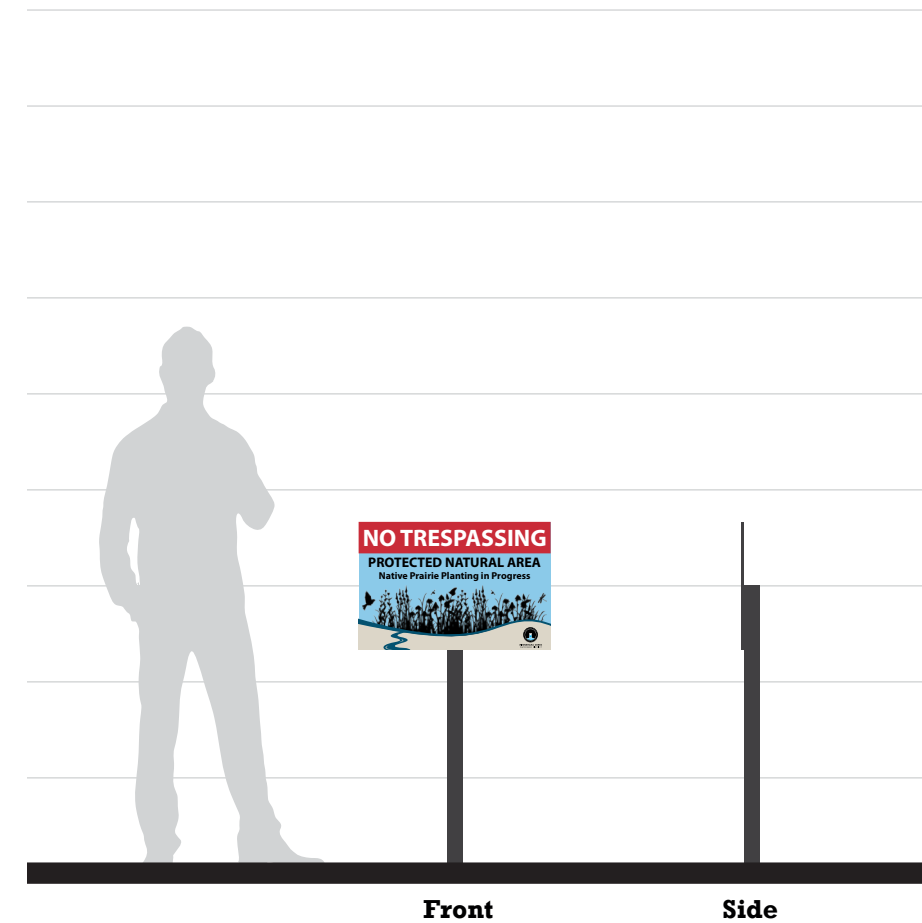
A predrilled aluminum plate is to mechanically fastened to post to allow for a blind mount or thru-bolt fastening to display panel.

Post:

3" x 3" aluminum post with standard black powder coat finish

Footing:

In ground installation should be installed per manufacturer's recommendations. Typically a minimum of 36" depth is required to reach frost line depth.



Applicable Sign Types
Access Information
Usage and/or Restrictions



Summary of ADA Guidelines for District Signage

Case

Characters may be uppercase or lowercase; uppercase letters should be reserved for sign titles; lowercase for descriptive text.

Style

Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms. Acceptable fonts include Verdana, and Myriad (Helvetica, and Futura also acceptable).

Character Height

Character height should be determined by viewing distance according to the following table:

Letter Height	Legible Viewing Distance
5/16"	7'
1/2"	12'
3/4"	18'
1"	25'
1-1/2"	38'
2"	49'
3"	74'
4"	113'
6"9"	150'
9"	300'
12"	395'
14"	440'
18"	560'
24"	750'
36"	1130' (1/2 mile)
48"	1500'
72"	2230'
96"	3000' (3/5 of a mile)

Finish and Contrast

Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

Temporary Signage

Temporary information signs are not required to comply with ADA guidelines.

Exterior Signage

The requirements for exterior and interior signs are generally the same as interior. Exterior signs are not required to have tactile and braille lettering; however, they must meet requirements for visual characters, as described in these guidelines.

