

MEMORANDUM



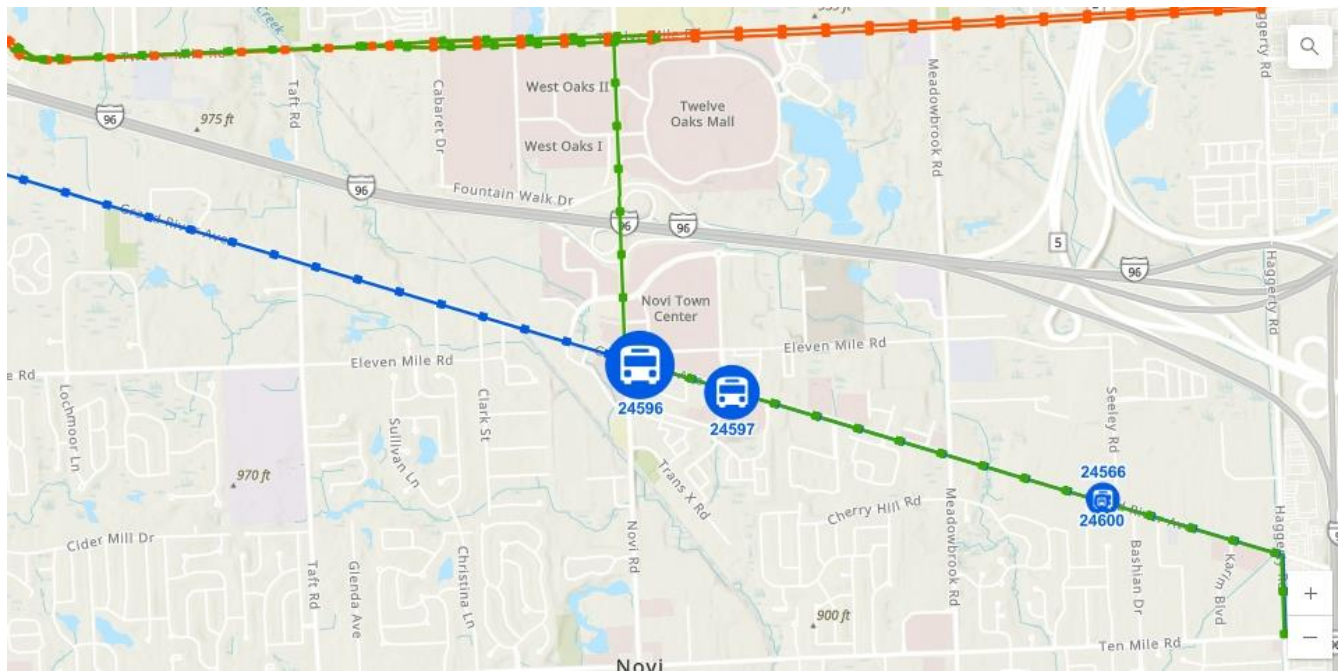
TO: VICTOR CARDENAS, CITY MANAGER
FROM: REGINA SWICK, GRADUATE MANAGEMENT ANALYST
SUBJECT: BUS SHELTER OPTIONS AND ESTIMATES
DATE: SEPTEMBER 16, 2025

This memo serves as a follow-up to the May 13, 2025, CIA meeting concerning the bus stops under consideration for future shelters. We have obtained preliminary cost estimates from Brasco International, a recognized partner of the Suburban Mobility Authority for Regional Transportation (SMART).

SMART has identified two bus stops within the district, Grand River/Novi Road (24596) and Grand River/Main Street (24597), that are recommended for shelter installation. (It is not yet clear if shelters are needed on both sides of the road.)

In addition, according to the development agreement with the new Kia dealership, the developer has agreed to install shelters at Grand River/Seeley Road (24600) and Grand River/Seeley Road (24566).

Map of Bus Stop Locations Recommended for Future Shelters



With these locations identified, the next step is to evaluate potential shelter designs and associated costs. To guide this process, SMART has developed a comprehensive [bus stop design manual](#). This manual emphasizes safety, accessibility, and consistency, including:

1. Safety for all
2. Consideration of all street users
3. Consistency and barrier-free access
4. Unified street, vehicle, and platform design
5. Equitable, ADA-compliant universal design
6. Integration into the surrounding streetscape

Background materials from the last meeting, including the SMART manual, design concepts, and the “Best Practices in Bus Stop Shelters” article, are available [here](#).

I contacted two Michigan companies, Brasco and Duo-Gard, regarding bus shelter options and pricing. I shared the example from the City of Abbotsford as a reference point for a more “polished” model. Duo-Gard did not respond. However, Sean Loewe from Brasco followed up with a phone call. He explained that fully custom shelters typically cost two to three times more than adapting existing stock models with size, feature, and color customizations. Afterward, Ian Riley at Brasco continued with the estimates and provided images and quotes for two shelter options, The Eclipse Arch, which was mentioned in the prior information packet, and The Slimline Hip Roof model.

Keep in mind, there are other models available that could also be a good fit for what The City and CIP are looking for as far as aesthetics.

Please note that the Slimline Hip, as optioned, is \$1,975 less expensive than the Eclipse Arch. Both quotes include a 6' bench, providing sufficient space for wheelchair accessibility and ensuring ADA compliance.

City of Abbotsford, CA



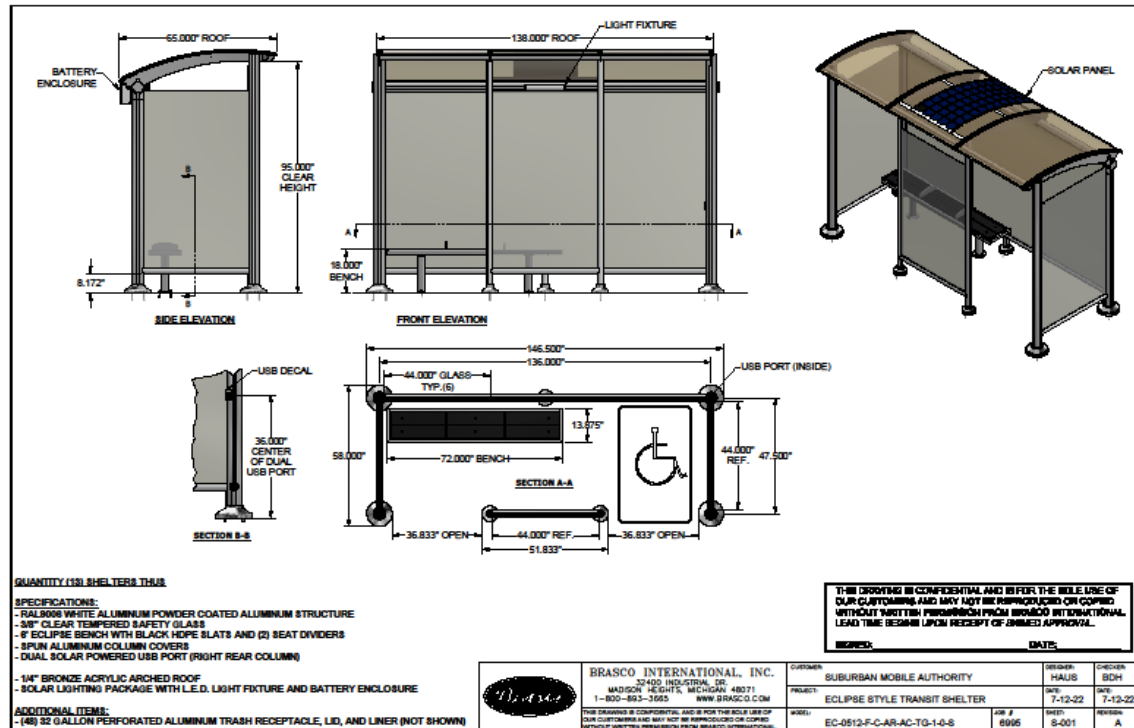
ECLIPSE ARCH - SMART –

– [Eclipse Arch product Flyer](#)

(IMAGE FROM WEBSITE SHOWING POSSIBLE OPTION COLORS)



The Eclipse shelters used by S.M.A.R.T. are 5' x 12' and include solar lighting, solar USB ports, an Eclipse bench, and a trash receptacle. Below are the drawing and quote I received from Brasco.



Amie May

08/29/22



QUOTE

Quote Number: 062625R1
Quote Date: June 26, 2025
Quote Expiration: 30 Days from Quote Date
Return to: inley@brasco.com

Quoted for:

City of Novi
Regina Swick
248-347-0451
RSwick@cityofnovi.org

PREPARED BY	PROJECT NAME	PAYMENT TERMS (WITH APPROVED CREDIT)	LEAD TIME
Ian Riley	Eclipse Arched Series Structure	NET 30	± 24-26 Weeks from Approvals

QTY	ITEM	DESCRIPTION	UNIT PRICE	TOTAL
1	EC-0512-F-C-AR-AC-TG-0-0-0	5' x 12' Eclipse Series Aluminum Structure Four-Sided; Full Rear and Side Walls with Front-Centered Windscreen and Two ADA Openings Powder Coat Painted Aluminum Finish - RAL TBD Arched Roof with Blade Rollers and Bronze, Clear, or White Acrylic Glazing 3/8" Clear Tempered Safety Glass Wall Panels	\$11,950	\$11,950
Option	Anchor Boot Covers	Spun Escutcheon Covers for Columns and Sill Support	\$375	Not Included
Option	Solar Lighting	Solar Lighting Package with Solar Panel, Batteries, Solar Controller, Vented Enclosure, and 6-Watt LED Light	\$1,750	Not Included
Option	Solar USB	Solar Powered, Dual Slot USB Charging Port Integrated Into Rear Column of Shelter (Solar Lighting Package Required)	\$825	Not Included
Option	BE-EC-6-H-2-2-0	6' Eclipse Series Bench with HDPE Slats and Two Seat Dividers	\$800	Not Included
Option	Display Case	24" x 36" Display Case with Grommet Attachment Through Glass	\$650	Not Included
Subtotal				\$11,950
Freight				Included
Total				\$11,950

This is a quotation on the above products listed and is subject to the conditions noted below. Prices are subject to change after quote expiration date. Payment terms are subject to change per Brasco's Financial Credit Approval Process. Credit card payments are subject to a 3% processing fee. Brasco accepts Visa, MasterCard, and American Express.

*Structural Engineering with Stamped Drawings and Structural Calculations are not included in this quotation and are an additional \$1,475, per shelter type, if required.

*Concrete Pad Design and Analysis, if needed, is an additional \$750. Hard Copies of Calculations, if needed, are an addition at \$100 per copy.

Offloading shipments is the responsibility of the customer. Please note that a forklift with 8' forks is required unless otherwise noted in writing.

Shelters are not shipped fully assembled. Assembly and Installation Required. All anchoring hardware is included.

Lead time begins after all approvals including drawings, color selections, applicable deposits, etc.

Signature of Acceptance*

Date

Print Name

Title

*The above prices, specifications and conditions are satisfactory and are hereby accepted. Brasco International, Inc. is authorized to proceed with the supply of products as noted. Brasco International, Inc. is a vendor and not a contractor or subcontractor. Brasco International, Inc. is not subject to any payment retainer or liquidated damages. All Brasco standard terms and conditions of sale apply.

We Thank You For Your Consideration



AMERICAN MADE. AMERICAN TRUSTED. SINCE 1993.

32400 INDUSTRIAL DRIVE, MADISON HEIGHTS, MI 48071



SLIMLINE HIP

[Slimline Hip Product Flyer](#)



[Powder Coat Colors](#) - Any one of these colors can be selected at no additional charge. The powder coat color that would be like the Slimline photo above, would be the Brasco Bronze.

[Bench Material Options](#) - The bench listed on your Slimline Hip quote is for the material shown in the photo above, from Abbotsford. This material is HDPE (High-Density Polyethylene). This bench material is available in four different colors: Cedar, Grey, Brown, or Black).



QUOTE

Quote Number: 062625R2
Quote Date: June 26, 2025
Quote Expiration: 30 Days from Quote Date
Return to: iniley@brasco.com

Quoted for:

City of Novi
Regina Swick
248-347-0451
RSwick@cityofnovi.org

PREPARED BY	PROJECT NAME	PAYMENT TERMS (WITH APPROVED CREDIT)	LEAD TIME
Ian Riley	Eclipse Arched Series Structure	NET 30	± 24-26 Weeks from Approvals

QTY	ITEM	DESCRIPTION	UNIT PRICE	TOTAL
1	SL-0512-F-0-HI-AL-TG-0-0-0	5' x 12' Slimline Series Aluminum Structure Three-Sided; Full Rear and Side Walls with Open Front Dark Bronze or Clear Anodized Aluminum Finish Standing Seam Aluminum Hip Roof with 2.5" Fascia and Integral Gutter 1/4" Clear Tempered Safety Glass Wall Panels	\$9,975	\$9,975
Option	Solar Lighting	Solar Lighting Package with Solar Panel, Batteries, Solar Controller, Vented Enclosure, and 5-Watt LED Light	\$1,750	Not Included
Option	Solar USB	Solar Powered, Dual Slot USB Charging Port Integrated Into Rear Column of Shelter (Solar Lighting Package Required)	\$825	Not Included
Option	BE-WM-9-H-2-0-1	9' Wall-Mount Bench with HDPE Slats and Backrest	\$900	Not Included
Option	Display Case	Display Case with Piano Hinge Door, Clear Acrylic Cover, and Tamper-Resistant Hardware for Changing Media	\$475	Not Included
Option	Powder Coat	Powder Coat Painted Finish, in Lieu of Anodized	\$1,100	Not Included
			Subtotal	\$9,975
			Freight	Included
			Total	\$9,975

This is a quotation on the above products listed and is subject to the conditions noted below. Prices are subject to change after quote expiration date. Payment terms are subject to change per Brasco's Financial Credit Approval Process. Credit card payments are subject to a 3% processing fee. Brasco accepts Visa, MasterCard, and American Express.

*Structural Engineering with Stamped Drawings and Structural Calculations are not included in this quotation and are an additional \$1,475, per shelter type, if required.

*Concrete Pad Design and Analysis, if needed, is an additional \$750. Hard Copies of Calculations, if needed, are an addition of \$100 per copy.

Offloading shipments is the responsibility of the customer. Please note that a forklift with 8' forks is required unless otherwise noted in writing.

Shelters are not shipped fully assembled. Assembly and Installation Required. All anchoring hardware is included.

Lead time begins after all approvals including drawings, color selections, applicable deposits, etc.

Signature of Acceptance*

Date

Print Name

Title

*The above prices, specifications and conditions are satisfactory and are hereby accepted. Brasco International, Inc. is authorized to proceed with the supply of products as noted. Brasco International, Inc. is a vendor and not a contractor or subcontractor. Brasco International, Inc. is not subject to any payment retainage or liquidated damages. All Brasco standard terms and conditions of sale apply.

We Thank You For Your Consideration



AMERICAN MADE. AMERICAN TRUSTED. SINCE 1993.

32400 INDUSTRIAL DRIVE, MADISON HEIGHTS, MI 48071

