

MEMORANDUM

Department of Transportation and Public Facilities

State of Alaska

TO: K. Kim Rice, P.E.
Director, Design and Construction

DATE: 01/17/12

THRU: Sharon Smith, P.E.
Chief of Contracts

PROJECT: Various projects

FROM: Kevin L. Jackson, P.E.
Project Manager

TELEPHONE: 269-0641

SUBJECT: Blanket Public Interest Finding:
Specification of brand name specific items
for transit stops within the Municipality of
Anchorage.

DETERMINATION

In accordance with 2 AAC 12.760 and ADOT&PF Policy and Procedure 10.02.013, this memo respectfully requests approval to specify the following brand name specific items for transit (bus) stops included in federally funded projects located within the Municipality of Anchorage:

Pedestrian Scale Light Pole

Cost Estimate: \$3050 each

Manufacturer: Philips Lumec

Part No: Lumec - DMS50-65W49LED4K-LE3F-240-SC1TX

Bench

Cost Estimate: \$1296 each

Manufacturer: Victor Stanley

Part No: MDL#P-8

Description: 6ft. Backed Bench, Frame RAL 5010, Recycled Plastic Slats Maple Tone, Surface Mount

Color: Standard RAL 5010

Trash Receptacle

Cost Estimate 2011: \$1600 each

Manufacturer: Victor Stanley

Model – Iron Side Series

Part Number: SD-42

Description: Trash receptacle shall have a hinged side opening allowing removal of the 42 gallon container without the need to lift it out of the top. Surface mounted

Finish Polyester Powder Coat Paint Color Standard RAL 5010 Blue

Transit Shelter

Cost Estimate: \$7,795 each

Manufacturer:

Daytech Limited

70 Disco Road

Toronto, ON M9W 1L9

Tel: 416.675.1195

Fax: 416.675.7183

Part No: ACC06X12N.PERF – Barrel Roof Transit Shelter 6'x12' and Easy Access Bench, 3 Seats

Finish: Polyester Powder Coat

Frame Color RAL 6016

Perforated Wall Panels - stainless steel

Transit Shelter Electrical Assembly

Cost Estimate: \$2000 each.

The assembly includes the fixture identified below and all the equipment shown on exhibit A.

Shelter Light Fixture Manufacturer: Gardco 121 LED Wall Sconce

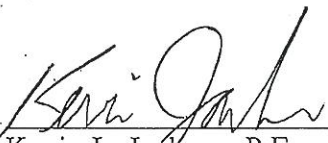
Part No: Gardco – 121-CWL-WT-35LA-NW-UNIV-NP

REASONING

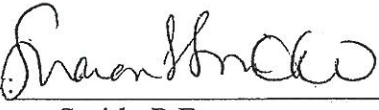
The Municipality of Anchorage's Public Transportation Department (PTD) has over 1100 bus stops and 3 Transit Centers and almost half are equipped with site furnishings upon standard ADA compliant boarding platforms. They typically include a bench, trash receptacle, sign and schedule holder. The equipment has been researched and tested over many years and in the attempt of maximizing cost efficiencies in maintenance and inventory, PTD has selected specific standardized equipment.

Over 300 locations include pedestrian scale illumination using light poles, lighted bollards and shelter interior light fixtures. Anchorage is located at 61° North Latitude and in the winter month's daylight is limited to less than 6 hours per day while bus service operates 18 hours per day. Providing pedestrian scale lighting at bus stops is premium as it increases passenger safety, expedites safer passenger transactions and maximizes safe bus operations in traffic as bus drivers have earlier visibility of awaiting passengers.

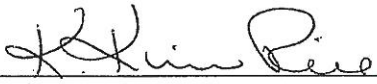
The standardized equipment is specific to the dimensions and layout at transit boarding facilities; it presents recognition through uniformity and minimizes the complications of inventory replacement by selected standard proprietary equipment. PTD utilizes the same cost effective approach operating one specific type of bus; PTD operates 55 New Flier city buses. This minimizes inventory and maximizes cost efficient operations. The bus stop equipment used by PTD has a proven durability record by surviving harsh winter conditions season after season. The equipment installation is surface mounted, straight forward to install and repair while the LED light fixtures provide efficient electricity consumption and low maintenance.

Submitted by: 
Kevin L. Jackson, P.E.
Project Manager

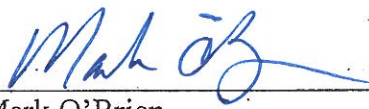
1/17/12
Date

Recommended by: 
Sharon Smith, P.E.
Chief of Contracts

1/17/12
Date

Recommended by: 
K. Kim Rice, P.E.
Director, Design and Construction

1-20-12
Date

Approved by: 
Mark O'Brien
Chief Contracts Officer

1-31-12
Date

**Blanket PIF: Specification of brand name specific items
for transit stops with the Municipality of Anchorage**

ATTACHMENT

The amenities chosen by PTD to use as their standards were selected by competitive bidding. The items selected (and identified in this PIF request) were the lowest cost amenities that met PTD's needs. It is unlikely that any substantial savings in future construction costs would be realized by requiring competitive bidding for these transit amenities as there are not big differences in cost between manufactures. The result would be that PTD would lose the aesthetic consistency of their stops and, more importantly, have to stock additional brands of items increasing their maintenance costs.

The estimated value of the inventory PTD has on hand to replace damaged units is \$131,550. Note that the MOA is responsible for maintaining all PTD facilities, including facilities installed by the State.

The Municipality of Anchorage (MOA) PTD has over 300 major transit corridor stops which have pedestrian scale illumination, lighted bollards and shelters with interior light fixtures. The estimated value of these amenities is \$2,836,542.

PTD has approximately 350 bus stops on State owned roads. Approximately 100 of them are on major transit corridors (multi routes) that warrant illumination, and in some cases, shelters as well. Approximately 40 of these stops are already up to current standards. The PTD wishes to upgrade the remaining 60 as possible under future projects. All will require installation of illumination and some will require shelters too (depending on ridership).

The Muldoon Pedestrian and Landscaping, Phase III Project (56530 / CM-TEA-0001(312)) includes 10 major transit stops. **The estimated cost of the brand name specific transit items for that project is \$224,000.**

While it's impossible to predict the exact cost (excluding project 56530) of transit amenities that will be constructed by the Department on future federal aid projects, the following estimate assumes that 60 % of the remaining 50 major transit stops on State roads will only require a single light, bench and trash receptacle. The remaining 40% will require two lights, a bench, a trash receptacle and a shelter each.

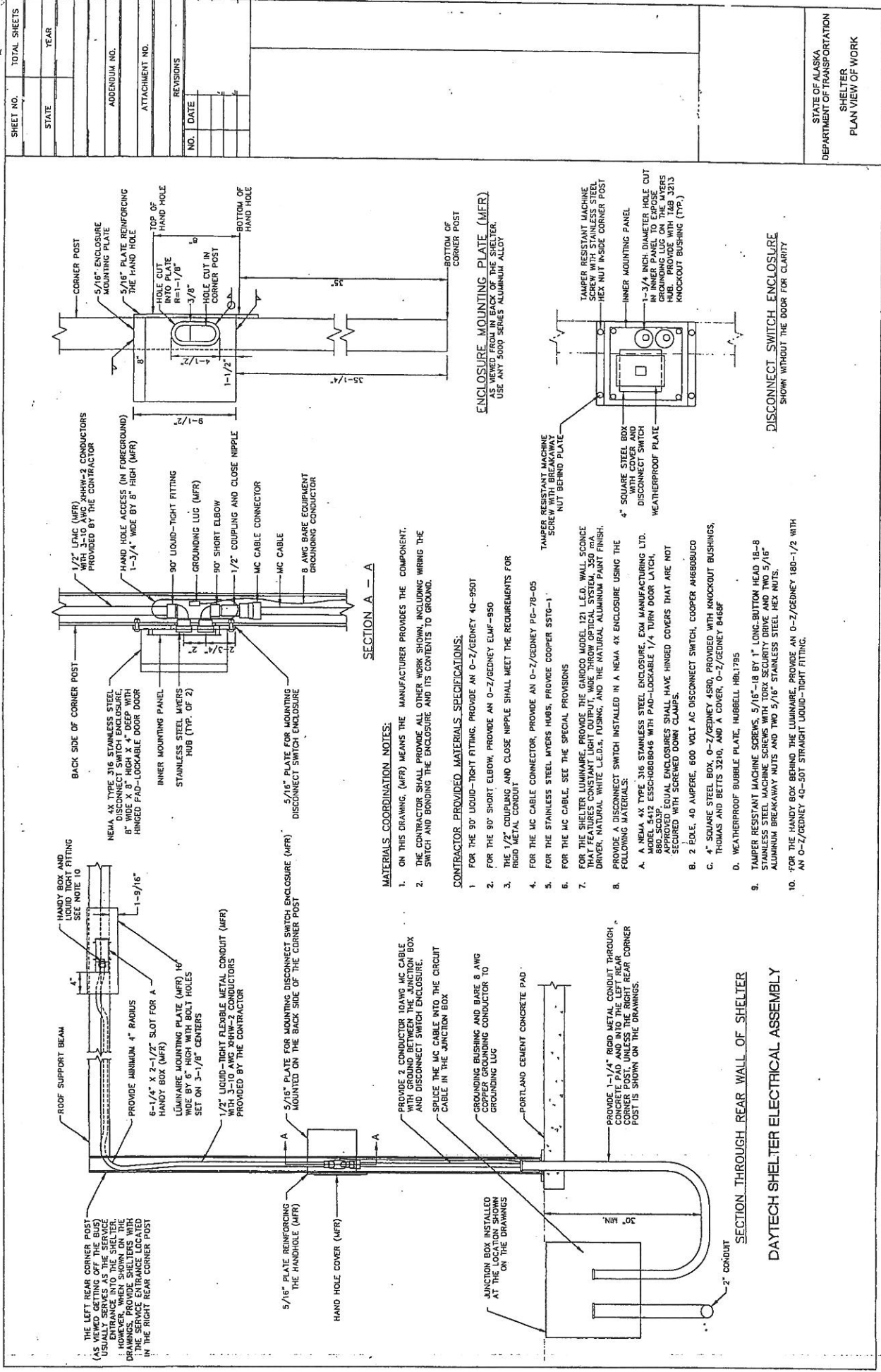
Moderately used major transit stops on State roads (30):

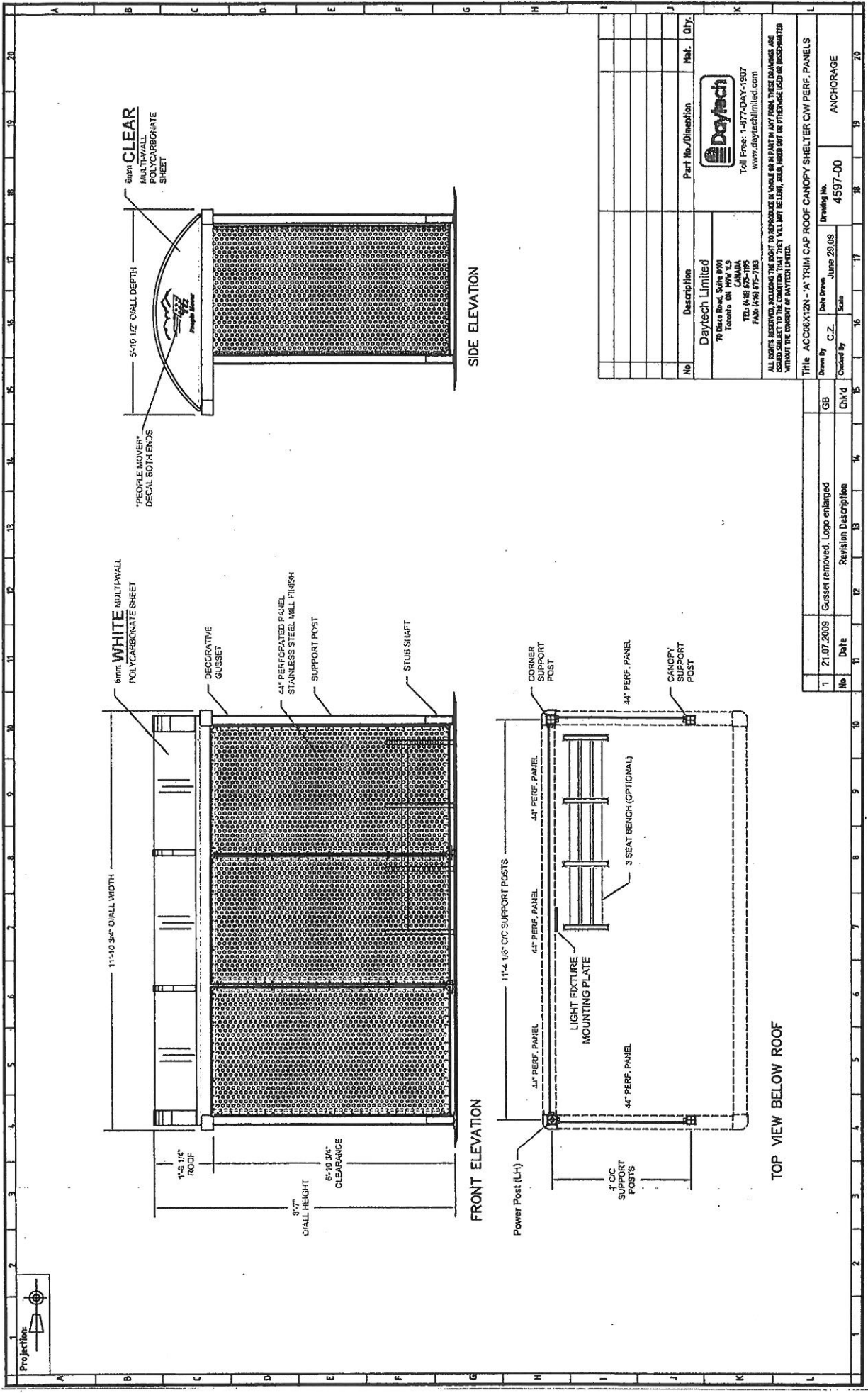
Pedestrian Scale Light Poles	30x\$3,050=	\$91,500.00
Benches	30x\$1,296=	\$38,880.00
Trash Receptacles	30x\$1,600=	\$48,000.00

Heavily used major transit stops on State roads (20):

Pedestrian Scale Light Poles	40x\$3,050=	\$122,000.00
Benches	20x\$1,296=	\$25,920.00
Trash Receptacles	20x\$1,600=	\$32,000.00
Transit Shelter	20x\$7,795=	\$155,900.00
Transit Shelter Electrical Assembly	20x\$2,000=	\$40,000.00

Possible future major transit stop facilities **\$554,200.00**





No.	Description	Part No./Dimension	Mat.	Qty.
1	Daytech Limited 70 Dacey Road, Suite #901 Toronto, ON M3A 2B4 CANADA TEL: (416) 675-1995 FAX: (416) 675-7183			
Toll Free: 1-877-DAY-1907 www.daytechlimited.com				

ALL RIGHTS RESERVED. INCLUDING THE RIGHT TO REPRODUCE IN WHOLE OR IN PART IN ANY FORM. THESE DRAWINGS ARE ISSUED SUBJECT TO THE CONDITION THAT THEY WILL NOT BE LENT, SOLD, REPRODUCED OR OTHERWISE USED OR MISAPPLIED WITHOUT THE CONSENT OF DAYTECH LIMITED.

Title: ACCURX12N - A TRIM CAP ROOF CANOPY SHELTER C/W PERF. PANELS
 Drawn By: C.Z.
 Date Drawn: June 29, 08
 Checked by: Scale: 4597-00
 ANCHORAGE

No.	Date	Revision Description	GB	CHK'd
1	21.07.2009	Gusset removed, Logo enlarged		