

Bellevue Transit Center, Bellevue, WA



Concealed
Style M452
uplights
in column
capitals

Exposed
Style M452
uplights
on arched
trusses



Architect: Arai Jackson Ellison Murakami
Engineer: Elcon Associates; Entranco
Photography: Ben Benschneider;
Jeffrey Taylor, Elcon (inset this page)

Recipient of 2004 IIDA Waterbury Award
from IESNA's Puget Sound Section and
2004 Northwest Regional Award of Merit

Covered Shelter

Typical Bays: 30' wide platform, 36' wide roof (13'-6" h. at eaves, 24' h. at ridge).
(40) columns at 10'-6" x 13'-4" o.c., each w/ (1) M452-035G-S-12-A-V00.
Arch Trusses: (2) 40' spans (35' h. at peak), each w/ (8) M452-150G-F-12-A-V00.
Arch Link:(5) bays w/ 27' ridge. (10) columns, each w/ (1) M452-070G-S-12-A-V00.
Est. indirect contribution (typ. bays): 0.4 fc avg. initial on platform, 6.2 avg.
initial on canopy
Est. indirect power density: 0.33 W/sf for covered area

elliptipar Style M452

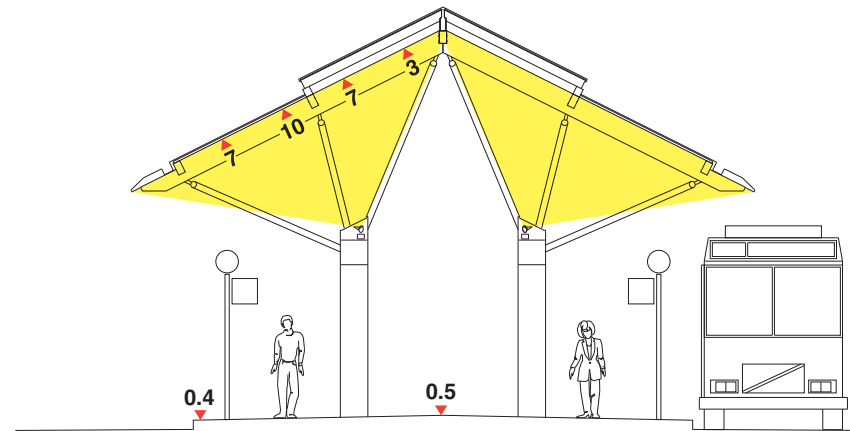
Ceramic metal halide uplights enhance the color and texture of this wood canopy, providing a beacon that draws commuters and a shadow free indirect component that counterbalances direct CMH downlights (by others).

The versatile **M452** is both concealed and exposed, using L-shaped feet within the column capitals and slipfitters on the arched trusses. Three wattages (39, 70 and 150) address the varying roof heights. Wire guards (by others) keep birds from nesting in the column capitals.

Uplights and core downlights are turned 'off' after hours to signal shutdown and conserve energy. Curbside downlights remain 'on' for overnight security.



Style M452 utilizes 39, 70, and 150W high-color rendering 3000K ceramic metal halide lamps with an average rated life of 10,000 to 12,000 hours.



Typical bays, est. initial footcandles (indirect only), 39W uplights, 25/0/20 reflectances.