

ATTACHEMENT "A"

SPECIFICATIONS:

1) Design

The curb system shall consist of a combination of modular longitudinal curb units with lenses designed to support an upright flexible, reflective post, and optional top and side reflectors. These modular units shall interface with each other to form a continuous longitudinal channelizing mountable curb system when installed on the roadway. The curb system shall be designed to allow a radius or curve of up to 45° to be formed as required by road geometry.

2) Curb Units

The longitudinal channelizer curb units shall consist of a lightweight, low profile structure no more than eight (8) inches wide to conserve roadway space and no more than two (2) inches tall to provide for emergency vehicle crossovers. Curbs shall be constructed so as to provide crush resistance up to 10,000 #. All units shall be provided with two (2) recessed acrylic reflective lenses of the same color as the curb, one each facing opposing traffic, with the following brightness:

Lens Color	SI*	CIL*	Application
White (min.)	3.5	320	Lane line
Yellow (min.)	2.5	220	Center line
Red (optional)	0.9	80	Fire Lane

*Initial Specific Intensity (SI) or Coefficient of Luminous Intensity at 0.2 observation angle and -4.0 entrance angle.

The curb unit shall be constructed with a minimum of two (2) scuppers four (4) inches wide to allow water to flow through the curb unit. The weight of each curb unit shall not exceed ten (10) pounds in order to minimize risk of back injury during installation or removal. The curb units shall be constructed of a UV-stabilized, high-impact thermo-plastic alloy conforming to the following material specifications:

Property	ASTM Test	Results
Specific Gravity (min.)	D 792	1.05
Notched Izod Impact Strength (min.)	D 256	5.0
Flexural Strength (min.)	D 790	8,000

3) Upright Posts

The channelizer post shall consist of a modified T-shaped tubular post a minimum of 3.00 inches wide by 2.00 inches deep, with 0.125 inch (min.) walls, comprised of flat front and curved rear surfaces and sides to create areas of opposing compression stresses on the inner and outer walls when impacted resulting in superior rebound. All channelizer posts shall be capable of sustaining a minimum of twenty (20) direct wheel-over impacts at 60 MPH (100 KPH) without damage to the post or the reflective sheeting applied to the post. All posts shall be easily replaceable. All posts shall be constructed of UV-stabilized thermo-plastic

polyurethane (TPU) for superior durability, conforming to the following material specifications:

Property	ASTM Test	Results
Specific Gravity (min.)	D 792	1.10
Hardness (min.)	D 2240	80 A
Tear Strength (min PII)	D 624, Die C	600
Tensile Strength @ yield, (min PSI)	D 412	4,000
Tensile Elongation @ break (min. %)	D 412	600
Cold Temp. Impact Test (-7° F)	FL/DOT	Pass

The upright posts shall be mounted to the curb unit with two (2) plastic locking pins. For highest visibility and durability, posts shall be mounted to curbs of the same color as the post and the corresponding lane line (yellow & yellow, white & white, etc.).

4) Standard Colors

Curb units and posts shall be constructed of UV-stabilized polymers and colors, and be either yellow or white in color. The color shall be solid throughout and stabilized to resist UV degradation.

5) Reflective Sheeting

All upright posts shall have retro-reflective sheeting applied. The minimum reflective sheeting shall be two (2) 6-inch wide wraps of sheeting the same color as the post applied one (1) inch down from the top of the post with a six (6) inch gap between wraps. The sheeting shall be Reflexite[®] AR 1000 cube-corner micro-prismatic reflective sheeting or 3M Diamond Grade reflective sheeting for superior brightness, scratch resistance and durability.

6) Locking Pins

The upright posts shall be secured to the curb units with rust-proof black nylon plastic locking pins sufficient in strength to prevent dislocation when posts are impacted and to ease replacement of worn posts. Pins shall be included in a separate pouch.

7) Anchor Bolts

The curb system shall be secured to the roadway with removable and reusable one-piece anchor bolts with a finished hex head, integral washer, dual lead threads and chamfered tip. One-piece bolts shall be used to eliminate improper assembly; dual-thread bolts shall be used to prevent bolts spinning in holes when tightened. All curb units shall be completely removable with standard power tools.

8) Lengths

The upright posts shall be available in standard lengths of thirty six (36) inches.

9) Packaging

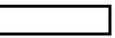
Curb units and upright posts shall be packaged in boxes of 25 pieces. A sufficient quantity of pins shall be supplied to secure all posts to the curbs and anchor bolts to mount the curb system securely to the roadway.

10) NCHRP 350 Acceptance

The upright posts of the curb system shall be fully crash-tested and pass the requirements of AASHTO's **NTPEP** Test Deck. The entire curb system, including uprights, shall be fully crash-tested and accepted by the U.S. Department of Transportation, Federal Highway Administration (FHWA) as a **Category II** device per the requirements specified in **NCHRP Report # 350**. Certifications of acceptance to these standards must be supplied by the manufacturer upon request.

11) Warranty

The curb units shall be covered by limited, pro-rated warranty for a minimum of five (5) years from the date of purchase covering breakage of the curb units and loss of adhesion of the top & side reflectors to the curb unit. Documentation of a warranty to these standards must be supplied by the manufacturer upon request.





LIVING WAGE ACT FACT SHEET

The “Living Wage Act of 2006,” Title I of D.C. Law 16-18, (D.C. Official Code §§2-220.01-.11) became effective June 9, 2006. It provides that District of Columbia government contractors and recipients of government assistance (grants, loans, tax increment financing) in the amount of \$100,000 or more shall pay affiliated employees wages no less than the current living wage rate.

Effective January 1, 2008, the living wage rate is \$12.10 per hour.

Subcontractors of D.C. government contractors who receive \$15,000 or more from the contract and subcontractors of the recipients of government assistance who receive \$50,000 or more from the assistance are also required to pay their affiliated employees no less than the current living wage rate.

“Affiliated employee” means any individual employed by a recipient who receives compensation directly from government assistance or a contract with the District of Columbia government, including any employee of a contractor or subcontractor of a recipient who performs services pursuant to government assistance or a contract. The term “affiliated employee” does not include those individuals who perform only intermittent or incidental services with respect to the government assistance or contract, or who are otherwise employed by the contractor, recipient or subcontractor.

Exemptions – The following contracts and agreements are exempt from the Living Wage Act:

1. Contracts or other agreements that are subject to higher wage level determinations required by federal law (i.e., if a contract is subject to the Service Contract Act and certain wage rates are lower than the District’s current living wage, the contractor must pay the higher of the two rates);
2. Existing and future collective bargaining agreements, provided that the future collective bargaining agreement results in the employee being paid no less than the current living wage;
3. Contracts for electricity, telephone, water, sewer or other services provided by a regulated utility;
4. Contracts for services needed immediately to prevent or respond to a disaster or eminent threat to public health or safety declared by the Mayor;
5. Contracts or other agreements that provide trainees with additional services including, but not limited to, case management and job readiness services, provided that the trainees do not replace employees subject to the Living Wage Act;

6. An employee, under 22 years of age, employed during a school vacation period, or enrolled as full-time student, as defined by the respective institution, who is in high school or at an accredited institution of higher education and who works less than 25 hours per week; provided that he or she does not replace employees subject to the Living Wage Act;
7. Tenants or retail establishments that occupy property constructed or improved by receipt of government assistance from the District of Columbia; provided, that the tenant or retail establishment did not receive direct government assistance from the District of Columbia;
8. Employees of nonprofit organizations that employ not more than 50 individuals and qualify for taxation exemption pursuant to Section 501 (c) (3) of the Internal Revenue Code of 1954, approved August 16, 1954 (68A Stat. 163; 26. U.S.C. §501(c)(3));
9. Medicaid provider agreements for direct care services to Medicaid recipients, provided, that the direct care service is not provided through a home care agency, a community residence facility, or a group home for mentally retarded persons as those terms are defined in section 2 of the Health-Care and Community Residence Facility, Hospice, and Home Care Licensure Act of 1983, effective February 24, 1984 (D.C. Law 5-48; D.C. Official Code §44-501); and
10. Contracts or other agreements between managed care organizations and the Health Care Safety Net Administration or the Medicaid Assistance Administration to provide health services.

Enforcement

The Department of Employment Services (DOES) and the D.C. Office of Contracting and Procurement (OCP) share monitoring responsibilities.

If you learn that a contractor subject to this law is not paying at least the current living wage you should report it to the Contracting Officer.

If you believe that your employer is subject to this law and is not paying you at least the current living wage, you may file a complaint with the DOES Office of Wage – Hour, located at 64 New York Ave., NE, Room 3105, (202) 671-1880.

For questions and additional information, contact the Office of Contracting and Procurement at (202) 727-0252 or the Department of Employment Services on (202) 671-1880.

Please note: *This fact sheet is for informational purposes only as required by Section 106 of the Living Wage Act. It should not be relied on as a definitive statement of the Living Wage Act or any regulations adopted pursuant to the law.*

“THE LIVING WAGE ACT OF 2006”

Title I, D.C. Law No. 16-118, (D.C. Official Code §§ 2-220.01-11)

Effective June 9, 2006, recipients of new contracts or government assistance shall pay affiliated employees and subcontractors who perform services under the contracts no less than the current living wage. Effective January 1, 2008, the living wage rate is \$12.10.

The requirement to pay a living wage applies to:

- All recipients of contracts in the amount of \$100,000 or more; and, all subcontractors of these recipients receiving \$15,000 or more from the funds received by the recipient from the District of Columbia, and,
- All recipients of government assistance in the amount of \$100,000 or more; and, all subcontractors of these recipients of government assistance receiving \$50,000 or more in funds from government assistance received from the District of Columbia.

“Contract” means a written agreement between a recipient and the District government.

“Government assistance” means a grant, loan or tax increment financing that result in a financial benefit from an agency, commission, instrumentality, or other entity of the District government.

“Affiliated employee” means any individual employed by a recipient who received compensation directly from government assistance or a contract with the District of Columbia government, including any employee of a contractor or subcontractor of a recipient who performs services pursuant to government assistance or contract. The term “affiliated employee” does not include those individuals who perform only intermittent or incidental services with respect to the contract or government assistance or who are otherwise employed by the contractor, recipient or subcontractor.

Certain exceptions may apply where contracts or agreements are subject to wage determinations required by federal law which are higher than the wage required by this Act; contracts for electricity, telephone, water, sewer other services delivered by regulated utility; contracts for services needed immediately to prevent or respond to a disaster or eminent threat to the public health or safety declared by the Mayor; contracts awarded to recipients that provide trainees with additional services provided the trainee does not replace employees; tenants or retail establishments that occupy property constructed or improved by government assistance, provided there is no receipt of direct District government assistance; Medicaid provider agreements for direct care services to Medicaid recipients, provided that the direct care service is not provided through a home care agency, a community residential facility or a group home for mentally retarded persons; and contracts or other agreements between managed care organizations and the Health Care Safety Net Administration or the Medicaid Assistance Administration to provide health services.

Exemptions are provided for employees under 22 years of age employed during a school vacation period, or enrolled as a full-time student who works less than 25 hours per week, provided that other employees are not replaced, and for employees of nonprofit organizations that employ not more than 50 individuals.

Each recipient and subcontractor of a recipient shall provide this notice to each affiliate employee covered by this notice, and shall also post this notice concerning these requirements in a conspicuous site in the place of business.

All recipients and subcontractors shall retain payroll records created and maintained in the regular course of business under District of Columbia law for a period of at least 3 years.

This is a summary of the “Living Wage Act of 2006”. For the complete text go to:

www.does.dc.gov or www.ocp.dc.gov

To file a complaint contact: Department of Employment Services

Office of Wage-Hour

64 New York Avenue, N.E., Room 3105, Washington, D.C. 20002

(202) 671-1880