

Streetscape Guidelines

Prepared for the City of Milwaukee
Department of Public Works and Department of City Development
March 2011



Prepared by:



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Objectives for Streetscape Design Guidelines

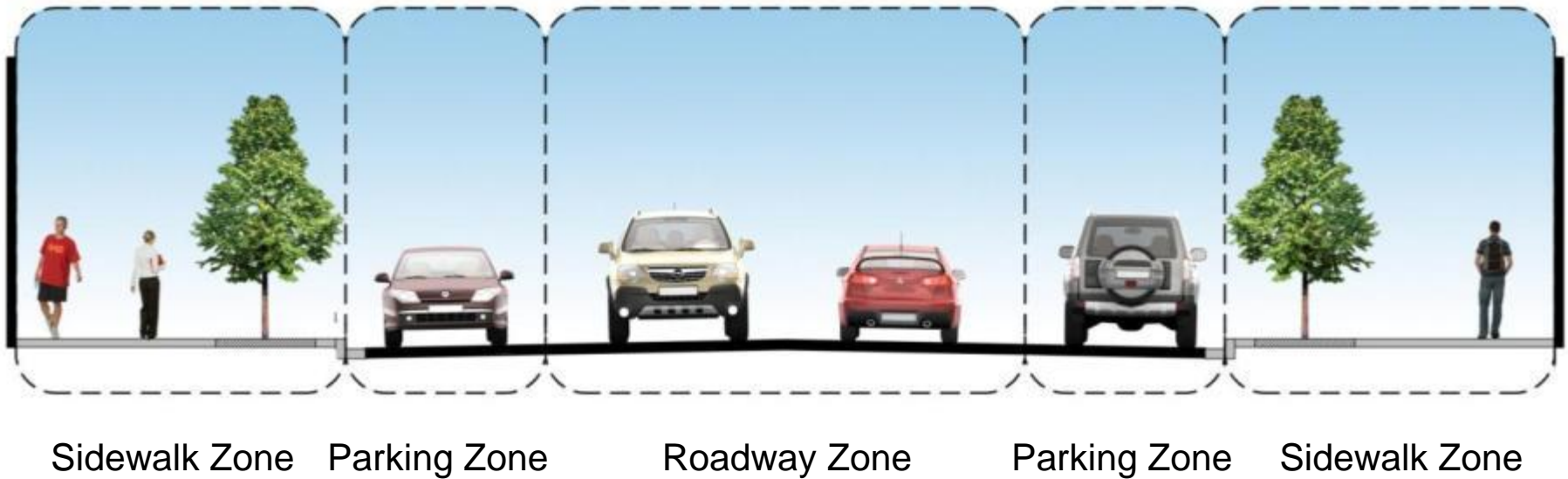
- Proactive approach
- Establish protocols for new improvements- Base Line
- Establish consistency throughout the City
- Standardize maintenance of facilities- Define responsibilities

Implementation Process





Streetscape Zones



Complete Streets

Elements of Complete Streets

- Sidewalk treatments
- Landscape elements
- Street furniture
- Pedestrian amenities
- Curb bump-outs
- Median islands
- Public transit stops
- Bicycle lanes
- Green spaces
- Utilities
- Public art
- Private business items



Universal Design

Elements Universal Design

- American with Disabilities Act (ADA)
- Pavement widths and surfaces
- Snow and ice removal
- Accessible parking spaces
- Cross walks and signals
- Curb bump-outs and median islands
- Street furniture and amenities
- Safe Environment
- Sustainable Design



Crime Prevention Through Environmental

Elements of CPTED

- Lighting
- Site lines
- Natural surveillance (eyes on the street)
- Land use
- Building orientation and windows
- Sense of ownership



Streetscape Elements

Primary Streetscape Elements

- Lighting
- Trees



Secondary Streetscape Elements

- Paving materials
- Street furniture
- Community identifiers
- Public art





Functional Requirements



Parking, Loading and Public Transportation

Special Considerations

- Parallel parking
- Angled parking
- Parking signage and meters
- Rush hour restrictions
- Door sweeps and overhangs
- Snow routes
- Loading zones
- Public transportation stops and shelters



Corner Treatments and Bump-outs

Special Considerations

- Light poles
- Traffic signal poles
- Regulatory signage
- Wayfinding
- Curb ramps
- Newspaper and vending racks
- Trash receptacles
- Bus and transportation stops
- Sight lines and visibility



Crosswalks and Driveways and Alleys

Special Considerations

- Curb ramps and driveway flares
- Crosswalk and driveway paving
- Pavement marking
- Tactile warning strips
- Sight lines and visibility



Hollow (Vaulted) Sidewalks

Special Considerations

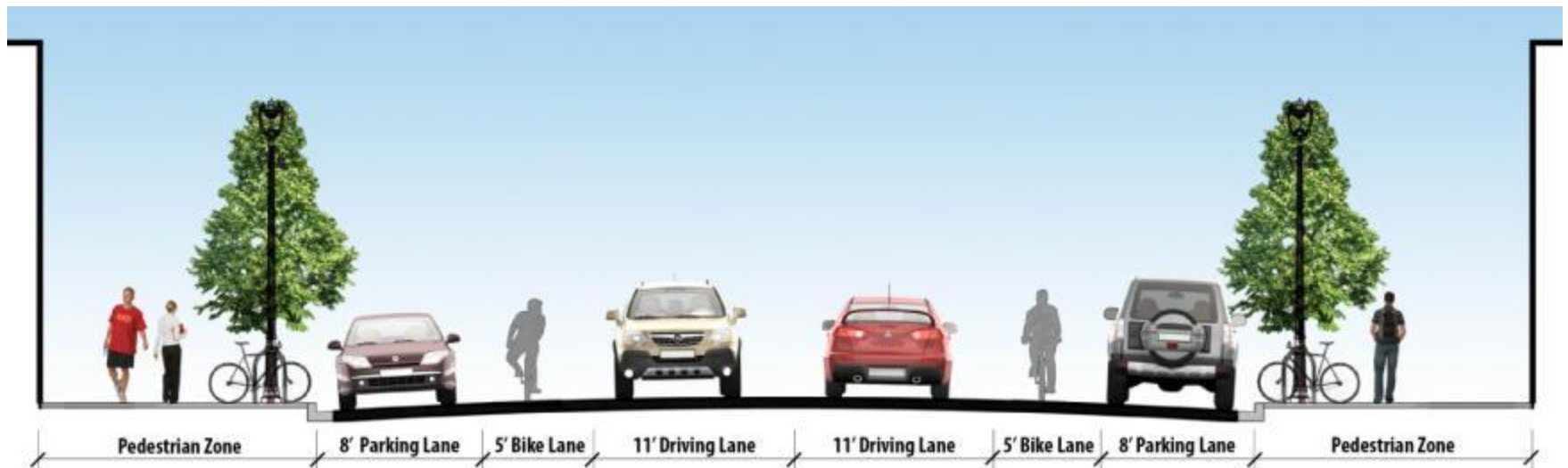
- Limited planting depth
- Limited space for foundations and utilities
- Waterproofing



Bicycle Lanes

Special Considerations

- Coordination with Citywide Bicycle Plan



Special Security Issues

Special Considerations

- Pedestrian circulation
- Visibility
- Compatibility with streetscape materials



Sustainable Design and Green

Special Considerations

- Lighting efficiency
- Lighting pollution
- Permeable paving
- Bioswales and infiltration planters
- Recycled materials
- Urban heat island
- Water efficient irrigation
- Native/adapted plantings





Streetscape Elements

Street and Pedestrian Lighting



Plant Material



Landscape Infrastructure and Maintenance



Planters, Railings and Tree Grates



Pavement Materials and Finishes



Crosswalks and Curb Ramps



Street Furniture



Community Identifiers, Branding & Public Art



Private Streetscape Elements



Acknowledgements

City of Milwaukee

Mayor

Tom Barrett

Common Council

Ald. Willie L. Hines, Jr., President

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Ald. James N. Witkowiak, Chair

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Ald. Michael J. Murphy

Ald. Robert J. Bauman

Ald. Tony Zielinski

Project Advisors

Tim Dixon, *Dixon Development, LLC*

Nancy Aten, *Landscape Consultant*

Chris Grandt, *Riverworks Development Center*

Nancy O'Keefe, *Historic Third Ward Association Executive Director*

Bob Monnat, *Mandel Group*

June Moberly, *Avenues West ASSN/BID 10*

Teig Whaley-Smith, *Historic King Drive BID Executive Director*

Diana Sullivan, *Independence First*

Pegi Christiansen, *IN:SITE Chair and Site Manager*

Project Advisors

Ghassan Korban, *DPW - Public Works Coordination Manager*

Vanessa Koster, *DCD - Planning Manager*

Gloria Stearns, *Public Works Project Coordinator*

Janet Grau, *DCD Senior Project Manager*

Shellie Lubus, *Police Department*

Emad Nadi, *Civil Engineer*

Mike Loughran, *Planning and Developments*

Scott Baran, *Landscape Designer*

Jeff Dellemann, *DPW - Street and Bridges*

Gary Petersen, *DCD - Public Art*

Tom Pechacek, *Street Lighting*

Dennis Miller, *Street Lighting*

Bob Bryson, *Traffic and Street Lighting Engineer*

David Sivyee, *Forestry Services Manager*

Wanda Booker, *Sanitation*

Project Consultants

Jamil Bow-Saab, *TERRA Engineering Ltd.*

Richard C. Hayden, *TERRA Engineering Ltd.*

Brooke A. Davis, *TERRA Engineering Ltd.*

Lynn Moe, *TERRA Engineering Ltd.*

Bill Schmidt, *TERRA Engineering Ltd.*