



PRESCOTT CITY COUNCIL VOTING MEETING AGENDA

PRESCOTT CITY COUNCIL
PUBLIC MEETING
TUESDAY, APRIL 22, 2008
3:00 P.M.

Council Chambers
201 S. Cortez Street
Prescott, AZ 86303
(928) 777-1100

The following Agenda will be considered by the Prescott City Council at its Regular Voting Meeting pursuant to the Prescott City Charter, Article II, Section 13. Notice of this meeting is given pursuant to Arizona Revised Statutes, Section 38-431.02.

- ◆ **CALL TO ORDER**
- ◆ **INTRODUCTIONS**
- ◆ **INVOCATION:** Chaplain Jack Unangst of the VA Medical Center
- ◆ **PLEDGE OF ALLEGIANCE:** Councilman Lamerson
- ◆ **ROLL CALL:**

MAYOR AND CITY COUNCIL:

Mayor Wilson	
Councilman Bell	Councilman Luzius*
Councilman Lamerson	Councilman Roecker
Councilwoman Lopas	Councilwoman Suttles

**Councilman Luzius will be attending the meeting telephonically.*

- ◆ **SUMMARY OF CURRENT OR RECENT EVENTS**

NOTE: Anyone wishing to speak regarding an item on the agenda must address the Council using the microphone at the podium. **PLEASE NOTE:** Comments from the public regarding any item on the agenda will be limited to five (5) minutes. Please refer to the Clerk's desk for the timing sequence of the lighting signals: **GREEN** at the beginning of comments, **YELLOW** with one minute remaining and **RED** when time has ended.

THE CITY OF PRESCOTT ENDEAVORS TO MAKE ALL PUBLIC MEETINGS ACCESSIBLE TO PERSONS WITH DISABILITIES. WITH 48 HOURS ADVANCE NOTICE, SPECIAL ASSISTANCE CAN BE PROVIDED FOR SIGHT AND/OR HEARING IMPAIRED PERSONS AT PUBLIC MEETINGS. PLEASE CALL 777-1272 OR 777-1100 (TDD) TO REQUEST AN ACCOMMODATION TO PARTICIPATE IN THIS MEETING.

I. PUBLIC COMMENT (Please limit your comments to five minutes)

- A. Yavapai Rovers re 4-H Sale.
- B. Dave Marston re Update on Status of Prescott Meals on Wheels.
- C. Doug Dusman re Erosion Control Barrier on Smoketree near Tanglewood Estates.
- D. Frank Creelman re Illegal Aliens.

II. PROCLAMATION

- A. *May 1 – 7, 2008 as Youth Week.*

III. PRESENTATION

- A. Introduction of new businesses.
- B. Presentation by Toni Kaus, David Hess and Steve Walker re the National Exhibit on the 75th Anniversary of Nazi Book Burnings.
- C. *Presentation by Tim Crews re the Water Conservation/Safe Yield Committee's 2008 Work Plan.*
- D. *Presentation by Charlie Hildebrant re the Yavapai County Nursery and Landscape Association's (YLNA) Water Conservation Education Program.*
- E. Presentation by Leslie Meyers of the U.S. Bureau of Reclamation re the Bureau of Reclamation Appraisal Study for the Upper and Middle Verde.

IV. CONSENT AGENDA

CONSENT ITEMS A THROUGH H LISTED BELOW MAY BE ENACTED BY ONE MOTION. ANY ITEM MAY BE REMOVED AND DISCUSSED IF A COUNCILMEMBER SO REQUESTS.

- A. Approve purchase one Power Boss Admiral 42 Scrubber/Sweeper from Southwest Sweeper Sales for \$33,498.30.
- B. Adopt Resolution No. 3885-0853 – A resolution of the Mayor and Council of the City of Prescott, Yavapai County, Arizona repealing Section 5 of Resolution No. 2463 to dissolve the Parks, Recreation and Library Advisory Committee and forming a Parks and Recreation Board as a standing committee of the City of Prescott.

- C. Granite Creek Village:
 - 1. Approve Preliminary Plat for Granite Creek Village, a 43-lot residential subdivision on 14.58 acres located east of White Spar Road, along Granite Creek in the vicinity of the Pine Cone Inn, Zoning Planned Area Development (PAD); Applicant Timber Creek Development; Guy Naus and Phil Wiens. (PP07-006).
 - 2. Approve Water Service Agreement with Timber Creek Development LLC for 15.05 acre feet of water annually.
- D. Approve contract amendment to Contract 2000-202 with Embry-Riddle Aeronautical University for assignment of the contract by the City.
- E. Adopt Ordinance No. 4647-0849 – An ordinance of the Mayor and Council of the City of Prescott, Yavapai County, Arizona, abandoning an existing public utilities and access easement and recording a revised public utilities and access easement located on private property fronting Josephine Street north of Gurley Street and authorizing the Mayor and City staff to take all necessary steps to effectuate such abandonment.
- F. [Approve Notice of Intention to increase water and wastewater rates.](#)
- G. Approve the Minutes of the Prescott City Council Joint Study Session/Special Meeting of March 18, 2008; the Workshop of March 18, 2008; the Workshop of March 25, 2008; the Regular Voting Meeting of March 25, 2008; the Workshop of April 1, 2008; the Joint Study Session/Special Meeting of April 1, 2008; the Special Meeting of April 8, 2008, and the Special Meeting of April 15, 2008.

V. REGULAR AGENDA

- A. [Approval of reconfiguration of striping on Sixth Street from Pleasant Street to Fifth Street.](#)
- B. Approval of the Design Concept Report for a grade separated traffic interchange in the vicinity of Side Road at SR89A.
- C. Authorization for procurement of a temporary expansion unit for the Airport terminal.

VI. ADJOURNMENT

CERTIFICATION OF POSTING OF NOTICE

The undersigned hereby certifies that a copy of the foregoing notice was duly posted at Prescott City Hall on _____, at _____ .m. in accordance with the statement filed by the Prescott City Council with the City Clerk.

Elizabeth A. Burke, MMC, City Clerk

PROCLAMATION

"YOUTH WEEK"

May 1-7, 2008

WHEREAS, The Benevolent and Protective Order of Elks has designated the week beginning May 1, 2008, as Youth Week, to honor America's Junior Citizens for their accomplishments, and to give fitting recognition of their services to Community, State and Nation; and

WHEREAS, Prescott Elks Lodge #330 will sponsor an observance during that week in tribute to the Junior Citizens of this Community; and

WHEREAS, no event could be more deserving of our support and participation than one dedicated to these young people who represent the nation's greatest resource, and who in the years ahead, will assume responsibility for the advancement of our free society; and

WHEREAS, our youth need the guidance, inspiration and encouragement, which we alone can give, in order to develop those qualities of character essential for future leadership; and go forth to serve America; and

WHEREAS, to achieve this worthy objective we should demonstrate our partnership with Youth, our understanding of their hopes and aspirations and a sincere willingness to help prepare them in every way for the responsibilities and opportunities of citizenship.

NOW THEREFORE, the Mayor and Council of the City of Prescott, Arizona, do hereby designate May 1-7, 2008 as:

"NATIONAL YOUTH WEEK"

IN WITNESS THEREOF, I have hereunto set my hand and caused the Seal of the City of Prescott to be affixed this 22nd day of April, 2008.





JACK.D. WILSON, MAYOR
City of Prescott

ATTEST:



ELIZABETH A. BURKE, CITY CLERK
City of Prescott

COUNCIL AGENDA MEMO – April 22, 2008
DEPARTMENT: City Manager
AGENDA ITEM: Presentation of Water Conservation/Safe Yield Committee's 2008 Work Plan

Approved By:	Date:
Deputy City Manager: Craig V. McConnell <i>Craig McConnell</i>	4-15-08
City Manager: Steve Norwood <i>Steve Norwood</i>	4/16/08

Item Summary

Tim Crews, Chair of the Water Conservation/Safe Yield Committee, will present the Committee's 2008 Work Plan to the Council. Dr. Crews will briefly review components of the Work Plan to ensure clear communication with the Council and public.

COUNCIL AGENDA MEMO – April 22, 2008	
DEPARTMENT:	City Manager
AGENDA ITEM:	Presentation on Yavapai County Nursery and Landscape Association's Water Conservation Education Program

Approved By:		Date:
Deputy City Manager:	Craig V. McConnell <i>Craig McConnell</i>	4-16-08
City Manager:	Steve Norwood <i>SNorwood</i>	4/16/08

Item Summary

Charlie Hildebrant, Co-Chair of the Yavapai County Nursery and Landscape Association (YCNLA), will present an update on YCNLA's volunteer education program for water conservation in commercial and residential landscaping. As Council will recall, in November 2007 this education program was agreed upon in lieu of instituting turf restrictions on new residential development. Mr. Hildebrant will provide examples of projects YCNLA members have undertaken as part of their program.



New Residential Monthly Rates for Water + Wastewater

Presented at April 1st Workshop and April 15th Council Meeting

Mthly Gallons		Current	Apr-08	Jan-09	Jan-10	Jan-11	Jan-12	Jan-17
Water	WW							
5,000	5,000	\$ 41.23	\$ 45.53	\$ 47.76	\$ 53.10	\$ 59.06	69.01	\$ 86.38
	Increase		4.30	2.23	5.35	5.96	9.95	
10,000	5,000	64.53	69.03	71.51	77.85	84.56	98.08	122.61
	Increase		4.50	2.47	6.35	6.71	13.52	

**Water + Wastewater Monthly Charges at New Rates
for "Average Residential Customer"**

Usage: Water 6,000 Gallons Winter/10,000 Summer
Wastewater (Sewer) 6,000 Gallons⁽¹⁾

Monthly Gallons		Current	Jun-08	Jan-09	Jan-10	Jan-11	Jan-12	Jan-17
Water	WW							
6,000	6,000	\$ 47.62	\$ 52.28	\$ 54.79	\$ 60.78	\$ 67.43	\$ 78.75	\$ 98.54
	Increase		4.66	2.51	5.99	6.65	11.32	19.79
10,000	6,000	\$ 66.26	\$ 71.08	\$ 73.79	\$ 80.58	\$ 87.83	\$ 102.03	\$ 127.54
	Increase		4.82	2.71	6.79	7.25	14.20	25.51

⁽¹⁾Wastewater usage in gallons is billed at average water consumption for period November thru April or average of yearly water consumption, whichever is less

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COUNCIL AGENDA MEMO – April 22, 2008	
DEPARTMENT:	Transportation Engineering
AGENDA ITEM:	Approval of reconfiguration of striping on 6 th Street from Pleasant Street to Fifth Street.

Approved By:		Date:
Department Head:	Mark Nietupski <i>Mark Nietupski</i>	4/17/08
Finance Director:	Mark Woodfill	
City Manager:	Steve Norwood <i>SNorwood</i>	04/17/08

Item Summary

This item is to approve the re-striping of 6th Street from Pleasant Street to Fifth Street from its current four lane configuration to a new three lane section with or without bike lanes.

Supplemental Background

- Reconfiguration of striping on 6th Street to provide one travel lane in each direction with a center two-way turn lane will enhance traffic operations and safety for all users including motor vehicles, bicyclists, and pedestrians.
- Bicycle lanes enhance roadway operations by defining a space for bikes to ride, reducing lane changes when passing bicyclists, increasing the space between pedestrians and motor vehicles and increasing the effective turn radii at driveways and intersections.
- The installation of a marked bike lane on 6th Street would conform to all national standards. To include a 6' wide bike lane demarcated with 6" solid white bike lane stripes, pavement markings and appropriate signing.
- Regular maintenance of bicycle lanes (and shoulders) should be a top priority, since bicyclists are unable to use a lane with potholes, debris or broken glass.
- The transition of this section of striped bike lane into areas with shared use lanes requires the use of specific standardized signing and pavement markings to warn drivers and cyclists of the condition. These treatments would be installed at both ends of the section to meet the national standard.
- Arizona Law indicates that bicyclists should use a marked bike lane when available and may only use the travel lane for specific purposes including; left turns into driveways or streets, passing other vehicles or obstructions in the bike lane, or to avoid surface hazards.

Agenda Item: Approval of reconfiguration of striping on 6th Street from Pleasant Street to Fifth Street.

- Motor vehicles may not use the bike lane except to cross for the purpose of gaining access to a driveway or street.
- An analysis of WB50 truck turning movements indicates that in a right turn out the three lane section offers increased safety by containing the movement entirely within the appropriate travel and two-way center turn lane. Whereas the current four lane configuration requires the truck to encroach into an oncoming travel lane.
- Traffic counts indicate that commercial vehicles represent 2.2% of the total AM peak 2-hour traffic, 4.7% of the mid-day peak 2-hour traffic and 4% of the total PM peak 2-hour traffic.
- Traffic counts indicate that bikes represent 0.6% of the total AM peak 2-hour traffic, 0.1% of the mid-day peak 2-hour traffic and 1.3% of the total PM peak 2-hour traffic.

- Attachments**
- Additional Data Summary
 - WB50 Truck Turning Templates

Recommended Action: Move to approve restriping 6th Street from Alarcon Street to 5th Street from its current four lane configuration to one of the following options:

1. A three lane section with one travel lane in each direction plus a center two-way left turn lane (TWLTL).
2. A three lane section with one travel lane in each direction plus a center two-way left turn lane (TWLTL), and a bicycle lane in each direction.

Additional Data Summary

This supplemental data on current regulations, standards and laws related to bike lanes and their use, is presented to Council as additional background information. Additionally staff collected volume counts on bike and commercial vehicles on 6th Street as requested and has provided a truck turning analysis. This information is summarized below by category

1. Bicycle definitions:

- A. The AASHTO *Guide for the Development of Bicycle Facilities* defines a bike lane as "a portion of a roadway which has been designated by striping, signing, and pavement markings for the preferential or exclusive use of bicyclists." (1)
- B. "Bicycle means a device, including a racing wheelchair, that is propelled by human power and on which a person may ride and that has either:
 - (a) Two tandem wheels, either of which is more than sixteen inches in diameter.
 - (b) Three wheels in contact with the ground, any of which is more than sixteen inches in diameter.

2. Benefits of Bike Lanes:

- A. Primary benefits-
 - Defining a space for bicyclists to ride
 - Helping less experienced riders feel more confident and willing to ride on busier streets.
 - Reducing motorist lane changes when passing a bicyclist.
 - Guiding bicyclists through intersections
 - Increasing bikeway visibility in the transportation system.
- B. Secondary benefits-
 - Reducing the number of bicyclists using the sidewalk or gutter
 - Increasing the space between pedestrians and motorists (on streets without parking)
 - Improving sight distances
 - Increasing effective turn radii at driveways and intersections
 - Providing temporary space for disabled motorists or snow
 - Possibly reducing motor vehicle speeds

3. Bike Law – Arizona Revised Statutes

- A. Local authorities are not prohibited from regulating the operation of bicycles and requiring the registration and licensing of bicycles, including the requirement of a registration fee (A.R.S.28-627)
- B. A person riding a bicycle on a roadway or on a shoulder adjoining a roadway is granted all of the rights and is subject to all of the duties applicable to the driver of a vehicle, except special rules and provisions that by their nature can have no application. (A.R.S. 28-812)
- C. A path or lane that is designated as a bicycle path or lane by state or local authorities is for the exclusive use of bicycles. (A.R.S. 28-815)
- D. Persons riding bicycles upon a roadway shall not ride more than two abreast except on paths or parts of roadway set aside for the exclusive use of bicycles. (A.R.S. 28-815)
- E. A person shall not operate, stop, park or leave standing a vehicle in a path or lane designated as a bicycle path or lane by a state or local authority except in the case of emergency or for crossing the path or lane to gain access to a public or private road or driveway. (A.R.S 28-815)
- F. A.R.S. 28-815 states "A person riding a bicycle on a roadway at less than the normal speed of traffic at the time and place and under the conditions then existing shall ride as close as practicable to the right-hand curb or edge of the roadway, except under any of the following situations:
 - 1. If overtaking and passing another bicycle or vehicle proceeding in the same direction.
 - 2. If preparing for a left turn at an intersection or into a private road or driveway.
 - 3. If reasonably necessary to avoid conditions, including fixed or moving objects, parked or moving vehicles, bicycles, pedestrians, animals or surface hazards.
 - 4. If the lane in which the person is operating the bicycle is too narrow for a bicycle and a vehicle to travel safely side by side within the lane.
- G. A.R.S. 28-735 States that "When overtaking and passing a bicycle proceeding in the same direction, a person driving a motor vehicle shall exercise due care by leaving a safe distance between the motor vehicle and the bicycle of not less than three feet until the

motor vehicle is safely past the overtaken bicycle. If a person violates this section and the violation results in a collision causing:

1. Serious physical injury as defined in section 13-105 to another person, the violator is subject to a civil penalty of up to five hundred dollars.
2. Death to another person, the violator is subject to a civil penalty of up to one thousand dollars.

This does not apply to a bicyclist who is injured in a vehicular traffic lane when a designated bicycle lane or path is present and passable

4. Bike Lane Design Standards:

- A. Minimum bicycle facility width: "An operating space of 1.2 m (4 feet) is assumed as the minimum width for any facility designed for exclusive or preferential use by bicyclists. Where motor vehicle traffic volumes, motor vehicle or bicyclist speed, and the mix of truck and bus traffic increase, a more comfortable operating space of 1.5 m (5 feet) or more is desirable." (1)
- B. Minimum width of bike lanes, with curb and gutter: "(For a) bike lane along the outer portion of an urban curbed street where parking is prohibited, the recommended width of a bike lane is 1.5 m (5 feet) from the face of a curb or guardrail to the bike lane stripe. This 1.5-m (5-foot) width should be sufficient in cases where a 0.3-0.6 m (1-2 foot) wide concrete gutter pan exists...." (1)
- C. Wide curb lanes: "Wide curb lanes for bicycle use are usually preferred where shoulders are not provided, such as in restrictive urban areas. On highway sections without designated bikeways, an outside or curb lane wider than 3.6 m (12 feet) can better accommodate both bicycles and motor vehicles in the same lane and thus is beneficial to both In general, 4.2 m (14 feet) of usable lane width is the recommended width for shared use in a wide curb lane." (1)
- D. Width measurements are taken from the curb face to the bicycle lane stripe. (1)

5. Signing, striping and pavement markings:

- A. The *Manual on Uniform Traffic Control Devices* (MUTCD) section 9B addresses standard bike lane signing. According to section 9B.04, the R3-17 "Bike Lane" sign and R3-17a placard

“AHEAD” should be used in advance of the beginning of a designated bicycle lane to call attention to the lane and to the possible presence of bicyclists. In locations where bicycle lanes are ending, the same R3-17 sign should be used, with the R3-17b “ENDS” placard attached. (2)

- B. The *Manual on Uniform Traffic Control Devices* (MUTCD) section 9C addresses standard bike lane markings. The stripe between the bicycle lane and the adjacent motor vehicle lane should be a 100-millimeter (4 inch) wide white line (minimum width). Six- to eight-inch-wide lines provide an even clearer division of space, and are highly recommended. (2)
- C. Bike lane marking shall be placed immediately after an intersection and at other locations as needed. (2)
- D. Bike Lane Ends pavements markings should be used at the termination of a bike lane. (2)

6. Maintenance of Bike Facilities:

- A. The *Manual on Uniform Traffic Control Devices* (MUTCD) section 9A.04 addresses maintenance of bike facilities. It provides a guidance statement indicating that “All signs, signals, and markings, including those on bicycle facilities, should be properly maintained to command respect from both the motorist and the bicyclist. When installing signs and markings on bicycle facilities, an agency should be designated to maintain these devices.”
- B. Bike lane/shoulder maintenance and cleaning: "Regular maintenance of bicycle lanes (and shoulders) should be a top priority, since bicyclists are unable to use a lane with potholes, debris or broken glass." (1)

7. 6th Street Bike and Commercial Vehicle Data:

On Wednesday April 16, 2008 and Thursday April 17, 2008 staff collected peak hour count data on 6th Street to determine the percentage of truck and bike traffic on the corridor with the following results:

AM Peak 2-Hour

Total Peak Hour Traffic:	631	100%
Commercial truck traffic:	25	4%
Bike traffic:	8	1.34%

Noontime 2-Hour Peak

Total Noontime Hour Traffic:	1458	100%
Commercial truck traffic:	69	4.7%
Bike traffic:	2	0.1%

PM Peak 2-Hour

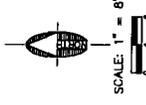
Total Peak Hour Traffic:	1429	100%
Commercial truck traffic:	31	2.2%
Bike traffic:	9	0.4%

8. Truck turning analysis:

Results of the truck turning analysis indicate that a WB50 truck can make all ingress and egress movements at a 24' driveway from the new three lane section except rights in without encroaching into an oncoming travel lane. The current four lane section requires the truck to encroach into opposing travel lanes on both the right-in and right-out.

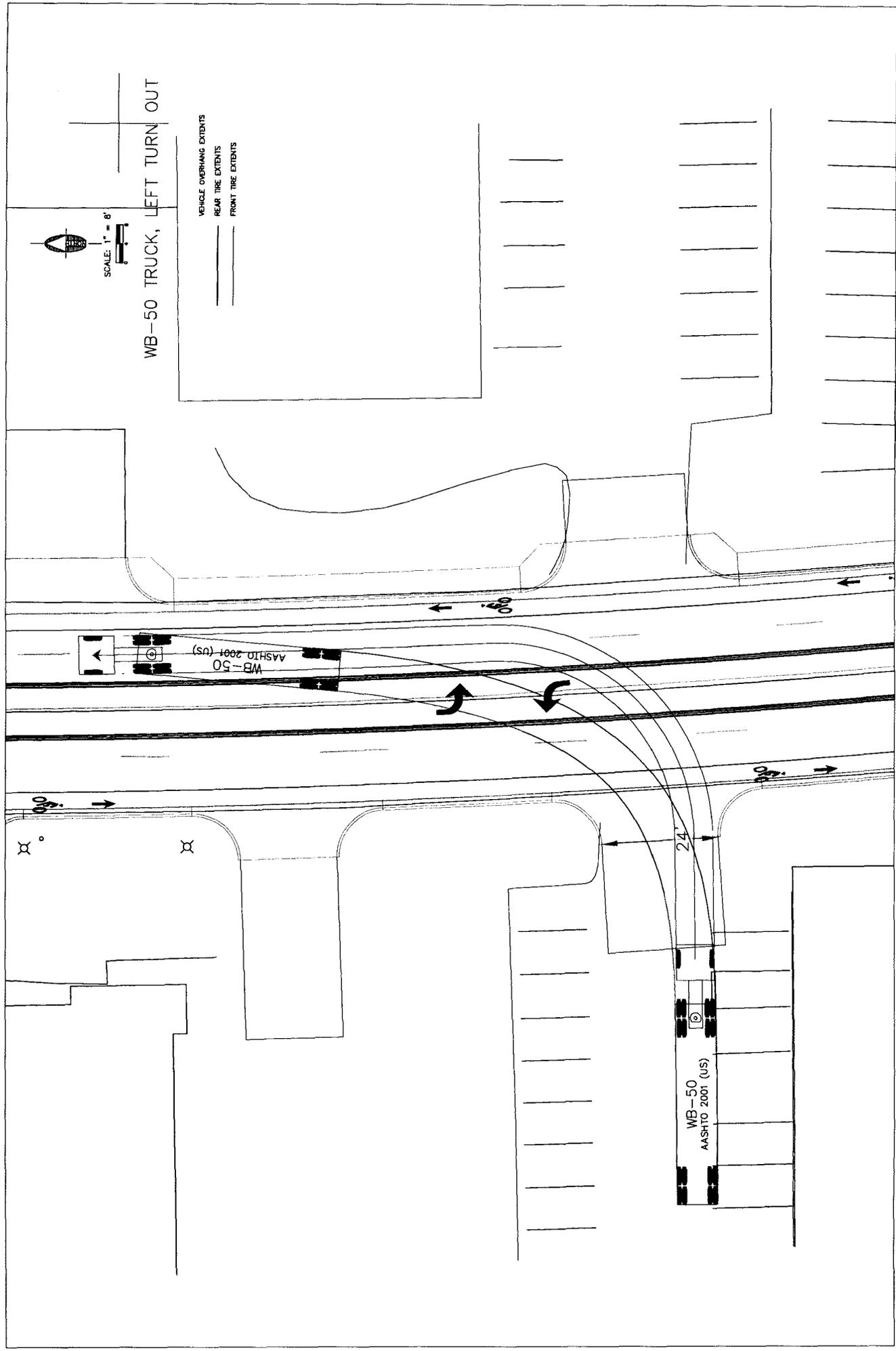
References:

- (1) American Association of State Highway and Transportation Officials (AASHTO), *Guide for the Development of Bicycle Facilities*, latest edition.
- (2) USDOT, *Manual on Uniform Traffic Control Devices*, Section 9, latest edition.



WB-50 TRUCK, LEFT TURN OUT

VEHICLE OVERHANG EXTENTS
REAR TIRE EXTENTS
FRONT TIRE EXTENTS



60'

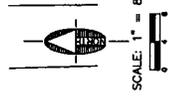
WB-50
ASHTD 2001 (US)

WB-50
ASHTD 2001 (US)

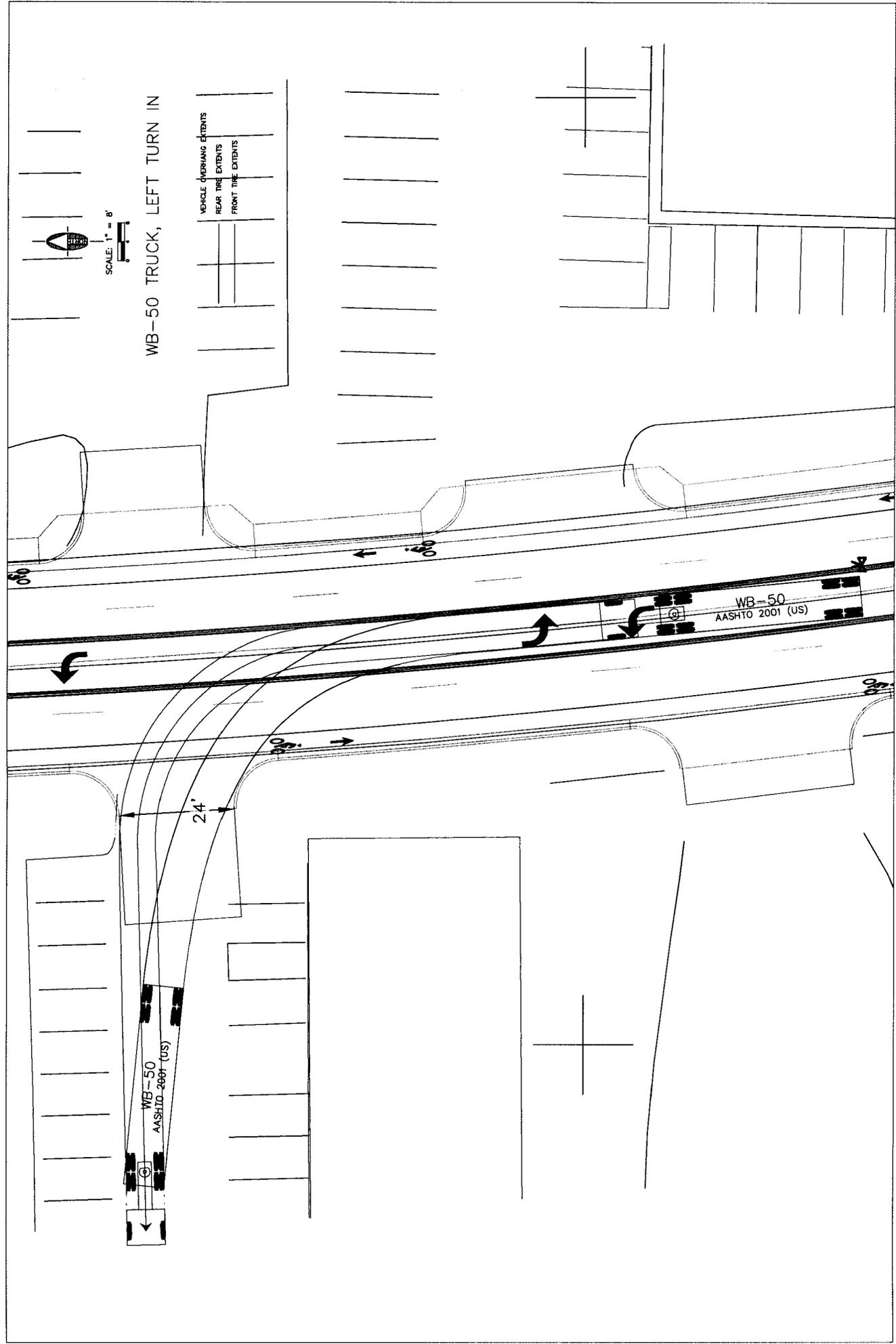
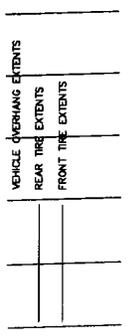
24'

60'

60'



WB-50 TRUCK, LEFT TURN IN

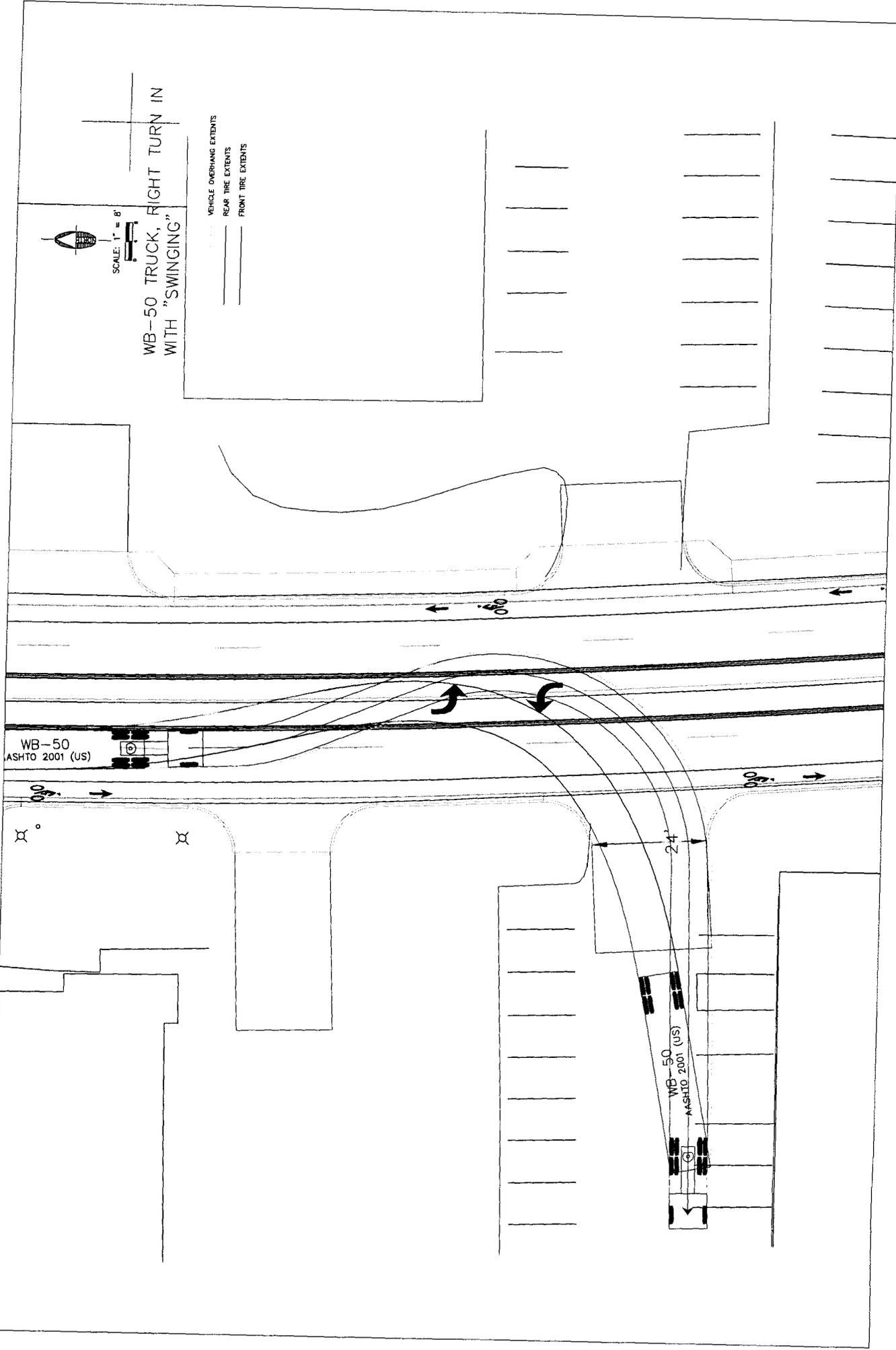




SCALE: 1" = 8'

WB-50 TRUCK, RIGHT TURN IN
WITH "SWINGING"

VEHICLE OVERHANG EXTENTS
REAR TIRE EXTENTS
FRONT TIRE EXTENTS



WB-50
ASHTO 2001 (US)

WB-50
ASHTO 2001 (US)

24'

10'0"

12'0"

SCALE: 1" = 8'

WB-50 TRUCK, RIGHT TURN OUT WITH "SWINGING"

VEHICLE OVERHANG EXTENTS
REAR TIRE EXTENTS
FRONT TIRE EXTENTS

