



## TRAFFIC SAFETY COMMISSION AGENDA

---

**Monday, October 5, 2020**

This meeting will have remote access.

At 10:00 a.m., join the meeting from your computer, tablet, or smartphone,

by clicking the link below:

<https://www.gotomeet.me/CommunityDevelopmentCityofAlbany/tsc>

You can use your microphone or dial in using your phone.

[+1 \(872\) 240-3212](tel:+18722403212)

Access code/Meeting Id: 511-708-781

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF MINUTES
  - a. September 14, 2020
4. SCHEDULED BUSINESS
  - a. Elm Street and 12th Avenue Intersection
  - b. Discussion of Future Agenda Topics
5. BUSINESS FROM THE COMMISSION
6. NEXT MEETING DATE: Monday, November 2, 2020
7. ADJOURNMENT

Microphones will be muted and webcams will be turned off for presenters and members of the public unless called upon to speak.

If participant(s) disrupt the meeting, the participant(s) microphone and webcam will be turned off.

If disruption continues, the participant(s) will be removed from the meeting.

Due to Governor Brown's Executive Orders limiting public gatherings during the COVID-19 pandemic, this meeting is accessible to the public via phone and video connection. Remote access information is listed at the top of this agenda.



CITY OF ALBANY  
TRAFFIC SAFETY COMMISSION

---

**MINUTES**

Monday, September 14, 2020, 10:00 a.m.

Virtual Meeting

Approved: DRAFT

CALL TO ORDER

10:04 a.m.

ROLL CALL

BOARD MEMBERS PRESENT

Ron Green, Chuck Kratch, Nolan Streitberger, Steph Nappa

BOARD MEMBERS ABSENT

Carol Canham, Peter de Carteret, Jarrette Bishop

STAFF PRESENT

Transportation Systems Analyst Ronald G. Irish and Senior Administrative Supervisor Kindra Coggins

OTHERS PRESENT

Savannah Crawford, ODOT

APPROVAL OF MINUTES

10:05 a.m.

August 3, 2020, minutes. Kratch moved to approve the minutes as presented; Nappa second the motion; the minutes were approved 4-0.

ODOT PROJECT UPDATE

10:07 a.m.

Savannah Crawford with ODOT introduced herself and discussed projects happening within the Albany area. Projects for discussion included the 99E and Airport Road intersection, increasing the height of the Ellsworth Bridge, Waverly Drive traffic separator, and the US20 Safety Project. Discussion ensued.

9TH AND BROADWAY STOP SIGN REMOVAL REQUEST

10:39 a.m.

Irish presented a map and discussed the 9th and Broadway intersection. Nappa and Streitberger discussed facilitating neighborhood conversations about preference since they live in the area. Discussion ensued. Streitberger discussed another hazardous intersection in the same area (12th and Elm).

Green would like to make a recommendation to remove the Broadway sign that permits right turns without stopping. Consensus of the commission is to make this recommendation.

BUSINESS FROM THE COMMISSION

10:52 a.m.

Kratch inquired about the signal in North Albany being completed. Irish stated it should be completed by the end of the year. Kratch asked about leveling of the property next to Bonaventure. Irish discussed potential projects in that area.

Nappa discussed the markings on the 9th Avenue Reconstruction project. Irish provided information.

Nappa inquired about a pothole in the bike lane on 99E and Queen, westbound. Discussion ensued.

Nappa inquired about the neighborhood on 8th Avenue asking about speed humps. Irish discussed.

**NEXT MEETING TOPICS**

11:09 a.m.

Kratch has a list of items for discussion that Irish will bring back to the next meeting.

**ADJOURNMENT**

11:15 a.m.

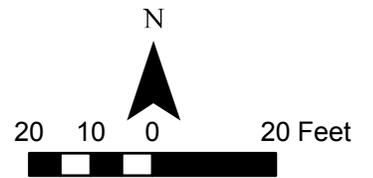
The next meeting is scheduled for October 5, 2020. The meeting was adjourned at 11:15 a.m.

Respectfully submitted,

Approved by,

Kindra Coggins  
Senior Administrative Supervisor

Ronald G. Irish  
Transportation System Analyst



Elm and 12th

**Table 2B-1. Regulatory Sign and Plaque Sizes (Sheet 4 of 4)**

Sign or Plaque	Sign Designation	Section	Conventional Road		Expressway	Freeway	Minimum	Oversized
			Single Lane	Multi-Lane				
SUNDAY (and times) (2 lines) (plaque)	R10-20aP	2B.53	24 x 18	24 x 18	—	—	—	—
Crosswalk, Stop on Red	R10-23	2B.53	24 x 30	24 x 30	—	—	—	—
Push Button To Turn On Warning Lights	R10-25	2B.52	9 x 12	9 x 12	—	—	—	—
Left Turn Yield on Flashing Red Arrow After Stop	R10-27	2B.53	30 x 36	30 x 36	—	—	—	—
XX Vehicles Per Green	R10-28	2B.56	24 x 30	24 x 30	—	—	—	—
XX Vehicles Per Green Each Lane	R10-29	2B.56	36 x 24	36 x 24	—	—	—	—
Right Turn on Red Must Yield to U-Turn	R10-30	2B.54	30 x 36	30 x 36	—	—	—	—
At Signal (plaque)	R10-31P	2B.53	24 x 9	24 x 9	—	—	—	—
Push Button for 2 Seconds for Extra Crossing Time	R10-32P	2B.52	9 x 12	9 x 12	—	—	—	—
Keep Off Median	R11-1	2B.57	24 x 30	24 x 30	—	—	—	—
Road Closed	R11-2	2B.58	48 x 30	48 x 30	—	—	—	—
Road Closed - Local Traffic Only	R11-3a,3b,4	2B.58	60 x 30	60 x 30	—	—	—	—
Weight Limit	R12-1,2	2B.59	24 x 30	24 x 30	36 x 48	—	—	36 x 48
Weight Limit	R12-3	2B.59	24 x 36	24 x 36	—	—	—	—
Weight Limit	R12-4	2B.59	36 x 24	36 x 24	—	—	—	—
Weight Limit	R12-5	2B.59	24 x 36	24 x 36	36 x 48	48 x 60	—	—
Weigh Station	R13-1	2B.60	72 x 54	72 x 54	96 x 72	120 x 90	—	—
Truck Route	R14-1	2B.61	24 x 18	24 x 18	—	—	—	—
Hazardous Material	R14-2,3	2B.62	24 x 24	24 x 24	30 x 30	36 x 36	—	42 x 42
National Network	R14-4,5	2B.63	30 x 30	30 x 30	36 x 36	36 x 36	—	42 x 42
Fender Bender Move Vehicles	R16-4	2B.65	36 x 24	36 x 24	48 x 36	60 x 48	—	48 x 36
Lights On When Using Wipers or Raining	R16-5,6	2B.64	24 x 30	24 x 30	36 x 48	48 x 60	—	36 x 48
Turn On Headlights Next XX Miles	R16-7	2B.64	48 x 15	48 x 15	72 x 24	96 x 30	—	72 x 24
Turn On, Check Headlights	R16-8,9	2B.64	30 x 15	30 x 15	48 x 24	60 x 30	—	48 x 24
Begin, End Daytime Headlight Section	R16-10,11	2B.64	48 x 15	48 x 15	72 x 24	96 x 30	—	72 x 24

\* See Table 9B-1 for minimum size required for signs on bicycle facilities

Notes: 1. Larger signs may be used when appropriate  
 2. Dimensions in inches are shown as width x height

- 07 **Where side roads intersect a multi-lane street or highway that has a speed limit of 45 mph or higher, the minimum size of the STOP signs facing the side road approaches, even if the side road only has one approach lane, shall be 36 x 36 inches.**
- 08 **Where side roads intersect a multi-lane street or highway that has a speed limit of 40 MPH or lower, the minimum size of the STOP signs facing the side road approaches shall be as shown in the Single Lane or Multi-lane columns of Table 2B-1 based on the number of approach lanes on the side street approach.**  
*Guidance:*
- 09 *The minimum sizes for regulatory signs facing traffic on exit and entrance ramps should be as shown in the column of Table 2B-1 that corresponds to the mainline roadway classification (Expressway or Freeway). If a minimum size is not provided in the Freeway column, the minimum size in the Expressway column should be used. If a minimum size is not provided in the Freeway or Expressway Column, the size in the Oversized column should be used.*

**Section 2B.04 Right-of-Way at Intersections**

Support:

- 01 State or local laws written in accordance with the “Uniform Vehicle Code” (see Section 1A.11) establish the right-of-way rule at intersections having no regulatory traffic control signs such that the driver of a vehicle approaching an intersection must yield the right-of-way to any vehicle or pedestrian already in the intersection.

When two vehicles approach an intersection from different streets or highways at approximately the same time, the right-of-way rule requires the driver of the vehicle on the left to yield the right-of-way to the vehicle on the right. The right-of-way can be modified at through streets or highways by placing YIELD (R1-2) signs (see Sections 2B.08 and 2B.09) or STOP (R1-1) signs (see Sections 2B.05 through 2B.07) on one or more approaches.

*Guidance:*

- 02 *Engineering judgment should be used to establish intersection control. The following factors should be considered:*
- A. *Vehicular, bicycle, and pedestrian traffic volumes on all approaches;*
  - B. *Number and angle of approaches;*
  - C. *Approach speeds;*
  - D. *Sight distance available on each approach; and*
  - E. *Reported crash experience.*
- 03 *YIELD or STOP signs should be used at an intersection if one or more of the following conditions exist:*
- A. *An intersection of a less important road with a main road where application of the normal right-of-way rule would not be expected to provide reasonable compliance with the law;*
  - B. *A street entering a designated through highway or street; and/or*
  - C. *An unsignalized intersection in a signalized area.*
- 04 *In addition, the use of YIELD or STOP signs should be considered at the intersection of two minor streets or local roads where the intersection has more than three approaches and where one or more of the following conditions exist:*
- A. *The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches averages more than 2,000 units per day;*
  - B. *The ability to see conflicting traffic on an approach is not sufficient to allow a road user to stop or yield in compliance with the normal right-of-way rule if such stopping or yielding is necessary; and/or*
  - C. *Crash records indicate that five or more crashes that involve the failure to yield the right-of-way at the intersection under the normal right-of-way rule have been reported within a 3-year period, or that three or more such crashes have been reported within a 2-year period.*
- 05 *YIELD or STOP signs should not be used for speed control.*

*Support:*

- 06 Section 2B.07 contains provisions regarding the application of multi-way STOP control at an intersection.

*Guidance:*

- 07 *Once the decision has been made to control an intersection, the decision regarding the appropriate roadway to control should be based on engineering judgment. In most cases, the roadway carrying the lowest volume of traffic should be controlled.*
- 08 *A YIELD or STOP sign should not be installed on the higher volume roadway unless justified by an engineering study.*

*Support:*

- 09 The following are considerations that might influence the decision regarding the appropriate roadway upon which to install a YIELD or STOP sign where two roadways with relatively equal volumes and/or characteristics intersect:
- A. *Controlling the direction that conflicts the most with established pedestrian crossing activity or school walking routes;*
  - B. *Controlling the direction that has obscured vision, dips, or bumps that already require drivers to use lower operating speeds; and*
  - C. *Controlling the direction that has the best sight distance from a controlled position to observe conflicting traffic.*

**Standard:**

- 10 **Because the potential for conflicting commands could create driver confusion, YIELD or STOP signs shall not be used in conjunction with any traffic control signal operation, except in the following cases:**
- A. **If the signal indication for an approach is a flashing red at all times;**
  - B. **If a minor street or driveway is located within or adjacent to the area controlled by the traffic control signal, but does not require separate traffic signal control because an extremely low potential for conflict exists; or**
  - C. **If a channelized turn lane is separated from the adjacent travel lanes by an island and the channelized turn lane is not controlled by a traffic control signal.**

- 11 **Except as provided in Section 2B.09, STOP signs and YIELD signs shall not be installed on different approaches to the same unsignalized intersection if those approaches conflict with or oppose each other.**
- 12 **Portable or part-time STOP or YIELD signs shall not be used except for emergency and temporary traffic control zone purposes.**
- 13 **A portable or part-time (folding) STOP sign that is manually placed into view and manually removed from view shall not be used during a power outage to control a signalized approach unless the maintaining agency establishes that the signal indication that will first be displayed to that approach upon restoration of power is a flashing red signal indication and that the portable STOP sign will be manually removed from view prior to stop-and-go operation of the traffic control signal.**

Option:

- 14 A portable or part-time (folding) STOP sign that is electrically or mechanically operated such that it only displays the STOP message during a power outage and ceases to display the STOP message upon restoration of power may be used during a power outage to control a signalized approach.

Support:

- 15 Section 9B.03 contains provisions regarding the assignment of priority at a shared-use path/roadway intersection.

**Section 2B.05 STOP Sign (R1-1) and ALL WAY Plaque (R1-3P)**

Standard:

- 01 **When it is determined that a full stop is always required on an approach to an intersection, a STOP (R1-1) sign (see Figure 2B-1) shall be used.**
- 02 **The STOP sign shall be an octagon with a white legend and border on a red background.**
- 03 **Secondary legends shall not be used on STOP sign faces.**
- 04 **At intersections where all approaches are controlled by STOP signs (see Section 2B.07), an ALL WAY supplemental plaque (R1-3P) shall be mounted below each STOP sign. The ALL WAY plaque (see Figure 2B-1) shall have a white legend and border on a red background.**
- 05 **The ALL WAY plaque shall only be used if all intersection approaches are controlled by STOP signs.**
- 06 **Supplemental plaques with legends such as 2-WAY, 3-WAY, 4-WAY, or other numbers of ways shall not be used with STOP signs.**

Support:

- 07 The use of the CROSS TRAFFIC DOES NOT STOP (W4-4P) plaque (and other plaques with variations of this word message) is described in Section 2C.59.

Guidance:

- 08 *Plaques with the appropriate alternative messages of TRAFFIC FROM LEFT (RIGHT) DOES NOT STOP (W4-4aP) or ONCOMING TRAFFIC DOES NOT STOP (W4-4bP) should be used at intersections where STOP signs control all but one approach to the intersection, unless the only non-stopped approach is from a one-way street.*

Option:

- 09 An EXCEPT RIGHT TURN (R1-10P) plaque (see Figure 2B-1) may be mounted below the STOP sign if an engineering study determines that a special combination of geometry and traffic volumes is present that makes it possible for right-turning traffic on the approach to be permitted to enter the intersection without stopping.

Support:

- 10 The design and application of Stop Beacons are described in Section 4L.05.

**Figure 2B-1. STOP and YIELD Signs and Plaques**



## Section 2B.06 STOP Sign Applications

### Guidance:

- 01 *At intersections where a full stop is not necessary at all times, consideration should first be given to using less restrictive measures such as YIELD signs (see Sections 2B.08 and 2B.09).*
- 02 *The use of STOP signs on the minor-street approaches should be considered if engineering judgment indicates that a stop is always required because of one or more of the following conditions:*
- A. *The vehicular traffic volumes on the through street or highway exceed 6,000 vehicles per day;*
  - B. *A restricted view exists that requires road users to stop in order to adequately observe conflicting traffic on the through street or highway; and/or*
  - C. *Crash records indicate that three or more crashes that are susceptible to correction by the installation of a STOP sign have been reported within a 12-month period, or that five or more such crashes have been reported within a 2-year period. Such crashes include right-angle collisions involving road users on the minor-street approach failing to yield the right-of-way to traffic on the through street or highway.*

### Support:

- 03 The use of STOP signs at grade crossings is described in Sections 8B.04 and 8B.05.

## Section 2B.07 Multi-Way Stop Applications

### Support:

- 01 Multi-way stop control can be useful as a safety measure at intersections if certain traffic conditions exist. Safety concerns associated with multi-way stops include pedestrians, bicyclists, and all road users expecting other road users to stop. Multi-way stop control is used where the volume of traffic on the intersecting roads is approximately equal.
- 02 The restrictions on the use of STOP signs described in Section 2B.04 also apply to multi-way stop applications.

### Guidance:

- 03 *The decision to install multi-way stop control should be based on an engineering study.*
- 04 *The following criteria should be considered in the engineering study for a multi-way STOP sign installation:*
- A. *Where traffic control signals are justified, the multi-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.*
  - B. *Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions as well as right-angle collisions.*
  - C. *Minimum volumes:*
    1. *The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and*
    2. *The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but*
    3. *If the 85<sup>th</sup>-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.*
  - D. *Where no single criterion is satisfied, but where Criteria B, C.1, and C.2 are all satisfied to 80 percent of the minimum values. Criterion C.3 is excluded from this condition.*

### Option:

- 05 Other criteria that may be considered in an engineering study include:
- A. The need to control left-turn conflicts;
  - B. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;
  - C. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and
  - D. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.

## Potential Discussion Topics for Upcoming TSC Meetings

- Updates on transportation projects that are under construction and/or funded for construction in the City's 5-year Capital Improvement Program
- Presentations of planned long-term transportation projects intended to improve traffic conditions
- A review of the City and ODOT's roles in setting speed limits
- A discussion of potential traffic calming treatments available for use within the City
- Presentation from a representative of the City's Street Maintenance Department
- Potential for an annual joint meeting with the Bicycle and Pedestrian Advisory Commission
- A request for members to list traffic related "pet peeves" as a way to identify possible topics for TSC focus and review.