
Technical Memorandum

To: Mr. Jim Chrisman

From: Matrix Design Group, Inc.

Date: 12/05/2025

**Re: Recommendation –
Sheridan Boulevard, Town of Bow Mar**

Matrix Design Group Inc (Matrix) has completed an initial investigation of the Town of Bow Mar (the Town) roadway system including a review of the roadway system by non-Town residents, and recommends the Town move forward with next-steps to address non-resident traffic.

In our previous memorandum, we suggested that the Town consider multiple strategies for the ongoing mitigation of traffic. Further, if the Town wanted to build new roadway gates as part of its comprehensive approach, the first gate should be installed at Sheridan Boulevard, if determined to be practicable.

General Considerations – Enforcement of new or existing traffic-code requirements can help reduce undesirable traffic behavior but can also be expensive and not long-lasting. New regulatory signing and other roadside and pavement treatments, in combination with enforcement, can be implemented in the near term. Gates and road closures can be more cost effective over time. Therefore, several roads within the Bow Mar network have been reviewed as candidates for potential closure. All of these solutions can be implemented in a coordinated manner over time, depending on the feasibility and changing traffic patterns.

Flexible & Scalable Approach – The following recommendations are consistent with an overall flexible and scalable approach the Town wishes to follow; ensuring that other traffic mitigation solutions are not precluded and can be implemented in combination.

Sheridan Boulevard Gate Installation – The attached *Exhibit A* shows a concept layout of where a traffic gate could be constructed on Sheridan Boulevard. Existing mapping shows an 80-foot wide right of way, of which the western 70-feet is maintained by the Town of Bow Mar.

This concept includes a recommended location for the new gate, just south of Sunset Road, the closure of Sunset Road (via a gate), and new roadway lighting at the intersection.

Town-Wide Supplemental Signing - The attached *Exhibit B* shows examples of candidate signs for town-wide installation at entry points that should be provided concurrent with a new gate. The signing should at a minimum address the closure of Sheridan Boulevard with the new gate, and alert motorists entering the community from other roads that their path will be impeded by a gate. The warning signs could also be constructed with yellow flashing beacons.

Temporary Variable Message Sign (VMS) Boards – VMS boards could also be mobilized before/during/after the installation of the new gate to reinforce “Road Closed” and “No Outlet” messaging and help non-resident commuters to reroute early and not get stuck behind the gate.

Guide Signs – In coordination with adjacent jurisdictions, new guide signs should also be installed at the closed intersections before entering the Town, to advise the motorist of the NO OUTLET or Gated condition ahead, and not to proceed on the Sheridan, Berry or Belleview routes.

Existing Signs – Exiting roadway signs within the Town should also be reviewed for consistency with the new gate and supplemental signing. Additional signs may be prudent in some areas to emphasize need for lower speeds. Where stop signs exist, new red LED boarder lighting can be added to better alert drivers to the stop condition at intersections.

Prospect Street Gate Installation – Exhibit C

The Town experiences occasional errant drivers, that unintentionally access the Town’s roads, particularly at night, which lead to disorientation and crashes in the past. The closure of Prospect Avenue (via gates) is recommended as shown in Exhibit C of this document.

Attachments:

Exhibit A – Sheridan Boulevard New Gate Concept

Exhibit B – Town-Wide Supplemental Signing & Striping Concept

Exhibit C – Prospect Street New Gate Concept



INSTALL GATE ON SUNSET DRIVE

INSTALL NORTHBOUND GATE

INSTALL SOUTHBOUND GATE

EXHIBIT A

Matrix
Excellence by Design

707 17th St, Suite #3150
Denver, CO 80202
Contact:
Phone (303)572-0200

R:\25\02783.00 Town of Bow Mar Traffic Analysis\200 Design\230 Transportation\234 Specifications
Sheridan Gate Basemap

NEW GATE SHERIDAN BLVD

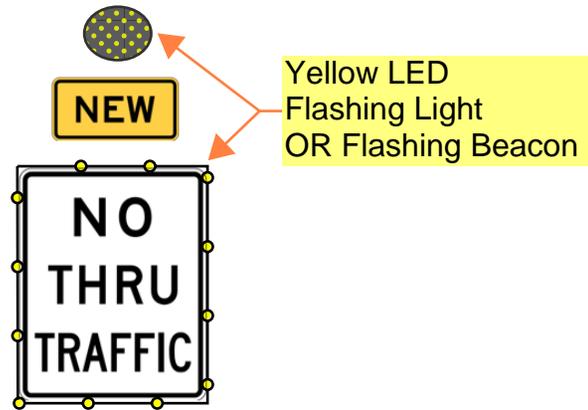
CONCEPT

ADVANCED SIGNAGE AT NEW GATE

R11-4 "ROAD CLOSED TO THRU TRAFFIC" with C-W16-18P supplementary plaque above "NOTICE"



R5-12 "NO THRU TRAFFIC" with C-W16-18P supplementary plaque above "NEW"



EARLY/SUPPLEMENTAL VMS MOBILIZATION



IN ADVANCE OF SHERIDAN GATE

VMS WORDING

First Panel Message:

ROAD CLOSED TO THRU TRAFFIC

Second Panel Message:

USE ALTERNATE ROUTE



BERRY STREET & BELLEVIEW AVENUE

VMS WORDING:

First Panel Message:

ROAD CLOSED AT SHERIDAN

Second Panel Message:

USE ALTERNATE ROUTE

ADVANCED SIGNING AT OTHER ENTRANCES

W14-2 "NO OUTLET" with C-W16-18P supplementary plaque above "NEW" (For locations where there is no gate)

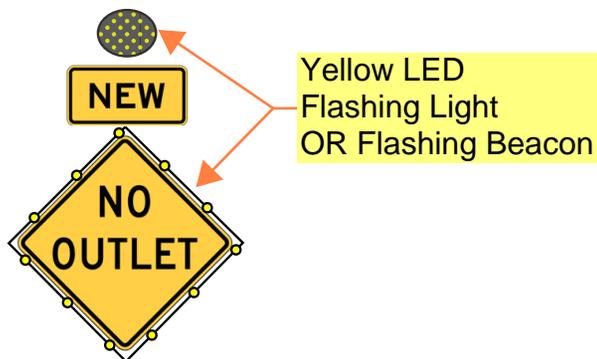


EXHIBIT B

SIGNING CONCEPTS

CONCEPT



N

INSTALL
NORTHBOUND GATE

INSTALL
SOUTHBOUND GATE

PROSPECT ST

PROSPECT ST

BELLEVUE AVE

EXHIBIT C

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Bellevue Gate Basemap

NEW GATE PROSPECT STREET

CONCEPT