



# Intersection Design Matrix



# The Purpose

To place certain intersection improvements along the Route 25 corridor in a relative order of merit for reconstruction for budget planning

# The Scoring Team

- Robert Saunders, P.E. (LBG/Town Engineer)
- Michael Izard (Principal Planner @ LRPC)
- Scott Kinmond (Chief of Police)
- Eric Taussig (Planning Board)



- Carter Terenzini (Town Administrator) acted as facilitator and scorekeeper
- Additional observers:
  - Ms. Bonnie Whitney (Land Use Coordinator)
  - Ms. Jane Fairchild (Alternate, MPB)
  - Mr. Stewart Lamprey (Fox Hollow neighborhood)

# The Homework



- All had been sent a
  - Draft scoring matrix
  - Draft list of intersections from Sheridan Rd to Center Harbor line
  - Reminder to refresh knowledge of the Route 25 Corridor Study
- LBG was asked to review the possible designs and costs and to generate the same where the Route 25 study had not done so.

# Task 1: How to Score

- **Factor A – Cost:** 
  - Highest cost got lowest score (1)
  - Lowest cost got highest score (6)

- **Factor B – Safety:** 
  - Greatest need got highest score (7)
  - Lowest need got lowest score (1)

- **Factor C – Traffic Volumes:** 
  - Greatest volume got highest score (7)
  - Lowest volume got lowest score (1)

# Task 1: How to Score (cont)

- **Factor D - Technical Issues:**

- -1 Right of Way Needed
- -1 Environmental Permitting
- -1 Long Design Time
- -2 < 50% likelihood of meeting “warrants”



- **Factor E – Ancillary Considerations:**

- + ½ No outlet in case of an accident
- + ½ Ability to attract DOT or other \$
- + ½ Other town interests:
  - Safe Routes to Schools
  - Center Harbor Partnership

# Task 2: Review What to Score

From 109 South

to

Center Harbor Line

[The Road Travelled](#)

# Task 3: Presentations & Discussion

- Robert Saunders:
  - Overview of possible design & costs
- Scott Kinmond:
  - Overview of relative safety issues (i.e. accident data, need for improvement)
  - &
  - Overview of traffic volumes
- Mr. Saunders:
  - Overview of the technical issues at each intersection.
- Facilitator:
  - Overview of the bonus issues

General Discussion and “devil’s advocate” questions after each presentation

&

Each item was scored at the end of each presentation without comment or observation.

# Task 4: The Tally

- Each person announced their item score &
- The tallies were then sorted high to low
- The Final Ranking:

Q: Notwithstanding the scores, should they put any item out of order?

A: No - The group agreed

(See Minority of 1 Report)

- Some discussion of political factors but...
  - The facilitator advised those issues were the province of the SelectBoard.

# Task 5 – The Wrap-Up

- Draft memo circulated to all to be vetted, commented upon and signed off on before presentation to the BoS.

# What Say They?



1. Redding Lane to Robs Citgo
2. Sheridan Road
3. Lake Shore (East)
4. Lake Shore (West)
5. Glidden
6. Fox Hollow
7. Saw Mill (W/E) (w/Red Hill)

And Now.....

[For the Number Junkies](#)