

CURRENT INTERSECTION



PROJECT BACKGROUND

Escalating traffic volumes have led to a surge in congestion and traffic accidents at both the Thain/10th and 10th/Warner intersections. In hopes of minimizing injury, damage, and overall cost, the City of Lewiston is looking to incrementally reconstruct the Thain Road corridor over the next twenty years as funding becomes available.

Using the city's standards, STEW Engineering has analyzed and conceptually redesigned the Thain and 10th intersection, improving overall traffic efficiency and safety.

SIGNAL DESIGN



COST ESTIMATES

SIGNAL ALTERNATIVE

TOTAL COST	\$1,254,029
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ROUNDBOUT ALTERNATIVE

TOTAL COST	\$4,861,382
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ROUNDBOUT DESIGN



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- I Instructor: Dr. Richard Nielsen
- I Sponsor: Fred Wismer
- I Mentor: Dr. Kevin Chang
- I Mentor: Dr. Ahmed Abdel-Rahim

