

COMPLETION DATE:
September, 2002

CLIENT:
City of Cheyenne

PROBLEM:
Increasing traffic volume along this former I-80 corridor required upgrading a rural roadway to meet urban demands and standards, plus improper drainage caused flooding of property.

RESOLUTION:
BenchMark Engineers designed an urban roadway to include curb and gutters and an oversized, multi-use sidewalk.



CHEYENNE, WYOMING

OMAHA ROAD

Challenges	Solutions
Narrow, rural road insufficient for traffic load	Widened roadway from two lanes to three, including a center turn lane and 10-foot-wide sidewalk
Drainage and flooding problems	Designed and installed storm sewer system
Limited sight distance at intersection	Improved sight distance by lowering the road-way
Sensitive neighboring property owners	Designed construction in phases and built detours to accommodate church services and philanthropic events
Unattractive appearance	Landscaped along roadway, added curb and gutter and sidewalks

RESULTS SUMMARY:

BenchMark Engineers improved the overall safety of this area by widening the roadway and grading a large hill to increase sight distance. By resolving the water runoff problems and adding landscape features, they were able to address both the functionality and aesthetics of Omaha Road, simultaneously meeting the needs of the client while adding value to the access road of sensitive property owners.

From a fiscal perspective, BME also exceeded expectations: their total project cost estimate was 2% within budget, the engineering expense was under budget and the construction was under budget and completed on time.

