Estimating Costs

NDDOT Average Improvement Prices 2009

**Low-Cost Improvement Strategies**
- Install chevrons: $33-$40 /sign
- Educate younger drivers more: NA
- Install signs that have road geometry with intersections shown: Vary
- Install raised pavement markers on centerline for night and bad weather driving: $1.25 ea.
- Advance curve sign with speed advisory: Vary
- Install "Blind Intersection Ahead" sign: Vary
- Remove/trim vegetation: $4120 L sum

**Medium-Cost Improvement Strategies**
- Improve striping: $215 /mile
- Increase law enforcement in area for speeding: $50 /hr
- Install a dynamic speed advisory sign: $.75 /hr. or $3980 ea.
- Install up-to-date guardrails: $32.22 /LF

**High-Cost Improvement Strategies**
- Install edgeline rumble strips: $676.09 /mi.
- Install centerline rumble strips: $749.95 /mi.
- Improve curve radius/superelevation: $5,168.13 /mi.
- Widen shoulders on curves: $1142 /mi.
- Improve pavement friction: NA
- Widen lanes and shoulders: NA
- Flatten side slopes: $890 /mi.