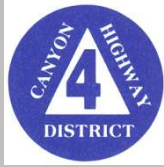


CANYON HIGHWAY DISTRICT NO. 4 *Transportation Plan*

Safety Analysis Approaches

- Compares System to Recommended Standards/Guidelines (Nominal)
 - ✓ Geometric Criteria
 - Intersection Angle
 - Horizontal & Vertical Curves
 - Fill Slopes

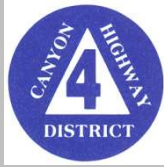


CANYON HIGHWAY DISTRICT NO. 4

Transportation Plan

Intersection Angle

| Road | Intersecting Road | Intersection Angle (Degrees) | Notes |
|-----------------|------------------------------|------------------------------|---------------|
| Emmett Road | Spur Line Road | 20 | Curve |
| Kingsbury | Edna | 41 | |
| Lake Shore Road | Walker Lake Road | 25 | |
| Lowell Road | Chicken Dinner Road (East) | 54 | Curve |
| Lowell Road | Chicken Dinner Road (West) | 61 | |
| Malt | Lower Pleasant Ridge | 60 | |
| Malt | Homedale | 66 | |
| Marsing | Hwy 55 (North) | 20 | Curve |
| Old Hwy 30 | Slade Road | 35 | |
| Old Hwy 30 | Farmway Road (North & South) | 48 | 46° N & 50° S |
| Old Hwy 30 | Hollow Road (East & West) | 62 | |
| Old Hwy 30 | Goodson | 65 | |
| Pinto | Dixie River | 20 | Curve |
| Riverside Road | Lake Shore | 42 | |
| Riverside Road | Lowell | 70 | |
| Weitz Road | Boehner Road | 75 | |

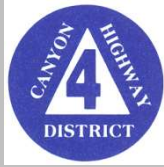


CANYON HIGHWAY DISTRICT NO. 4

Transportation Plan

Roadway Grade

| Road Number | Road Name | Segment | Maximum Grade (%) | Grade Length (Feet) |
|-------------|----------------------|---------------------------------|-------------------|---------------------|
| | Can-Ada | Foothill to Purple Sage | 16 | 1400 |
| 1008C | Duff | Foothill to Purple Sage | 15 | 700 |
| 1027F | Middleton | Foothill to Old Middleton | 15 | 500 |
| 1003C | Blessinger | Foothill to North Dead End | 14 | 1350 |
| 1024D | Lansing | Foothill to Purple Sage | 14 | 900 |
| 3004D | Chicken Dinner | Apricot to Hwy 55 | 13 | 900 |
| 3004B | Chicken Dinner | Symms to Lowell | 12 | 1000 |
| 3001A | Apricot | Hwy 55 to Pride | 12 | 600 |
| 2008J | Chicken Dinner | Boehner to Upper Pleasant Ridge | 12 | 500 |
| 3034A | Symms | Hwy 55 to Chicken Dinner | 11 | 650 |
| | Can-Ada | Purple Sage to Deep Canyon | 10 | 1100 |
| 3019B | Lowell | Chicken Dinner to Malt | 10 | 800 |
| | CanAda | Foothill to Purple Sage | 10 | 700 |
| 2029E | Malt | Ustick to Boehner | 10 | 600 |
| 3034B | Symms | Chicken Dinner to Riverside | 10 | 500 |
| 3010A | Houk | Chicken Dinner to Pecan | 10 | 400 |
| 3034A | Symms | Hwy 55 to Chicken Dinner | 10 | 350 |
| 1003C | Blessinger | Foothill to North Dead End | 10 | 280 |
| 1032C | Sand Hollow | Farmway to El Paso | 10 | 220 |
| 2049C | Weitz | Boehner to Upper Pleasant Ridge | 9 | 700 |
| 3029A | Pride | Hwy 55 to Apricot | 9 | 500 |
| 1008C | Duff | Foothill to Purple Sage | 9 | 400 |
| 2045F | Upper Pleasant Ridge | Wagner to Birchwood | 9 | 400 |
| 1017H | Goodson | Middleton to East Dead End | 9 | 320 |
| | Can-Ada | Purple Sage to Deep Canyon | 9 | 225 |



CANYON HIGHWAY DISTRICT NO. 4

Transportation Plan

Roadside Slope Risk Evaluation

| Road Number | Road Name | Fill Length | Total Shoulder Width | Estimated ADT | Fill Height | Severity Index for Location Speed | Average Annual Risk Per Mile ('20 \$) |
|-------------|-------------|-------------|----------------------|---------------|-------------|-----------------------------------|---------------------------------------|
| 2014F | Farmway | 384 | 3.5 | 6,171 | 9 | 5.35 | \$ 498,293 |
| 1030E | Purple Sage | 461 | 3 | 1,512 | 13 | 5.50 | \$ 370,888 |
| 1030E | Purple Sage | 455 | 3 | 1,512 | 13 | 5.50 | \$ 370,888 |
| 1014B | Emmett | 417 | 2 | 2,643 | 7 | 4.48 | \$ 326,065 |
| 2007B | CanAda | 631 | 4 | 3,512 | 6 | 4.84 | \$ 302,032 |
| 2007B | CanAda | 158 | 2 | 3,512 | 4 | 4.11 | \$ 272,337 |
| 1012D | El Paso | 554 | 2.5 | 835 | 10 | 5.62 | \$ 271,766 |
| 1012D | El Paso | 550 | 2.5 | 835 | 10 | 5.62 | \$ 271,766 |
| 1016A | Galloway | 225 | 0 | 953 | 14 | 4.54 | \$ 252,783 |
| 1016A | Galloway | 159 | 0 | 953 | 13 | 4.53 | \$ 249,322 |
| 1024D | Lansing | 294 | 3 | 1,342 | 10 | 5.07 | \$ 240,823 |
| 1024D | Lansing | 242 | 3 | 1,342 | 10 | 5.07 | \$ 240,823 |
| 2049E | Weitz | 270 | 2.5 | 1,074 | 11 | 5.15 | \$ 239,447 |
| 1024E | Lansing | 238 | 2 | 954 | 17 | 5.11 | \$ 237,290 |
| 2024G | Linden | 208 | 3 | 2,500 | 7 | 4.39 | \$ 224,453 |
| 1030E | Purple Sage | 559 | 4 | 1,512 | 8 | 5.09 | \$ 208,803 |
| 1030E | Purple Sage | 546 | 4 | 1,512 | 8 | 5.09 | \$ 208,803 |
| 2007B | CanAda | 645 | 4 | 3,512 | 5 | 4.34 | \$ 198,188 |
| 1016A | Galloway | 613 | 3 | 953 | 8 | 5.18 | \$ 192,995 |
| 1036C | Willis | 384 | 1.5 | 1,049 | 8 | 4.55 | \$ 187,892 |
| 1036C | Willis | 368 | 1.5 | 1,049 | 8 | 4.55 | \$ 187,892 |
| 1014B | Emmett | 249 | 3.5 | 2,643 | 6 | 4.25 | \$ 180,981 |