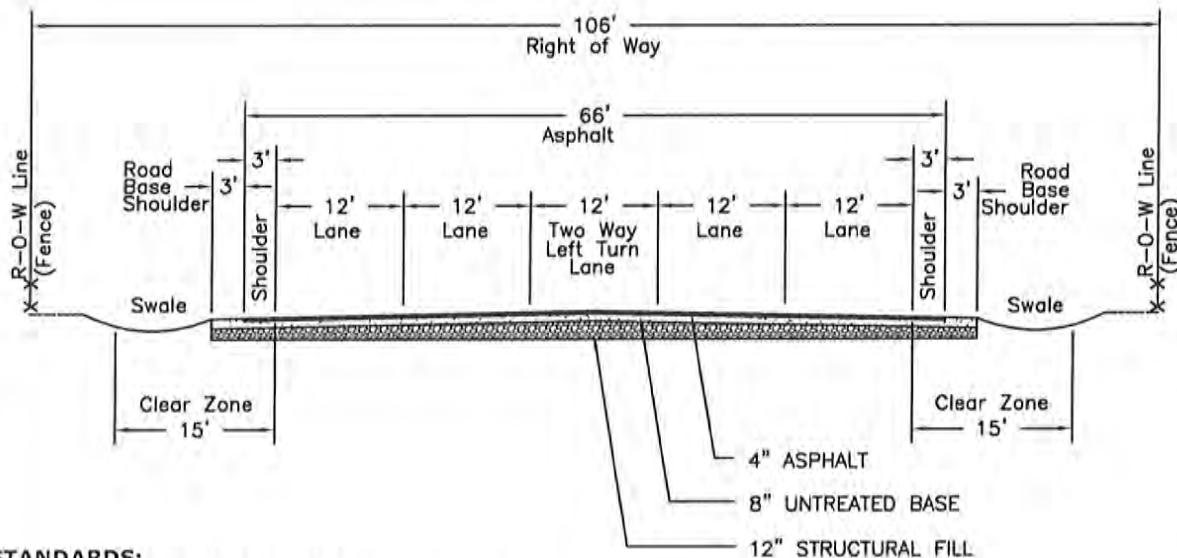


Utah County Road Cross Section Detail Standards ARTERIAL ROADS



STANDARDS:

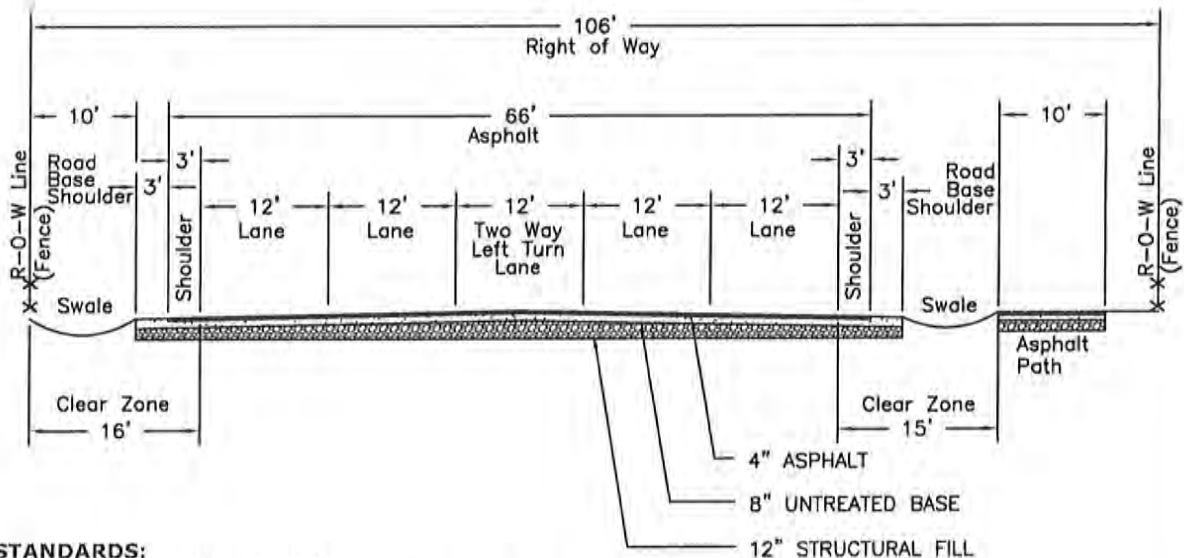
- 1) Right-of-Way width of 106 feet
- 2) 4 inches of asphalt "bituminous surface course" with an approved preservation coat after one year
- 3) Minimum pavement width of 66 feet
- 4) Minimum travel lane width of 12 feet
- 5) Minimum of 8 inches of approved Untreated Base Course material or depth as specified by soils report
- 6) Minimum of 12 inches of approved structural fill material or depth as specified by soils report
- 7) Minimum Swale width of 6 feet Seeded or Gravel with Check Dam by approval of Utah County Engineer
- 8) Maximum vertical grade of 6% along centerline, Typical Cross Slope grade 2%
- 9) Minimum clear zone of 15 feet
- 10) Limited driveway access

Notes:

- 1) New Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., shall be located at the Right-of-Way line.
- 2) New Ditches and Ditch structures shall be located outside of the Right-of-Way line.
- 3) Existing Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., may remain if they are located between the clear zone and the Right-of-Way line, on existing roads.

DATE: October 24, 2017

Utah County Road Cross Section Detail Standards ARTERIAL ROADS with Asphalt path



STANDARDS:

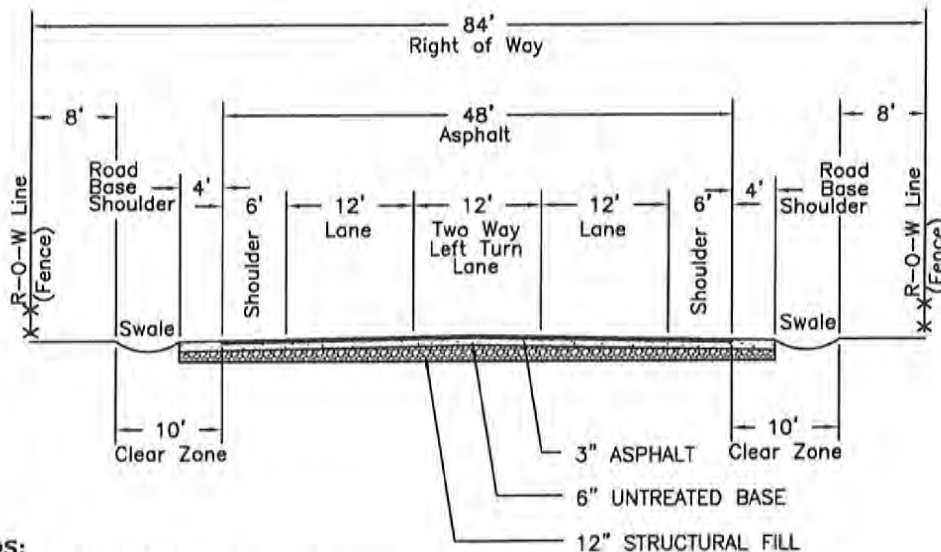
- 1) Right-of-Way width of 106 feet
- 2) 4 inches of asphalt "bituminous surface course" with an approved preservation coat after one year
- 3) Minimum pavement width of 66 feet
- 4) Minimum travel lane width of 12 feet
- 5) Minimum of 8 inches of approved Untreated Base Course material or depth as specified by soils report
- 6) Minimum of 12 inches of approved structural fill material or depth as specified by soils report
- 7) Minimum Swale width of 6 feet Seeded or Gravel with Check Dam by approval of Utah County Engineer
- 8) Maximum vertical grade of 6% along centerline, Typical Cross Slope grade 2%
- 9) Minimum clear zone of 15 feet
- 10) Limited driveway access
- 11) Asphalt Path location varies by approval of Utah County Engineer

Notes:

- 1) New Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., shall be located at the Right-of-Way line.
- 2) New Ditches and Ditch structures shall be located outside of the Right-of-Way line.
- 3) Existing Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., may remain if they are located between the clear zone and the Right-of-Way line, on existing roads.

DATE: October 24, 2017

Utah County Road Cross Section Detail Standards COLLECTOR ROADS



STANDARDS:

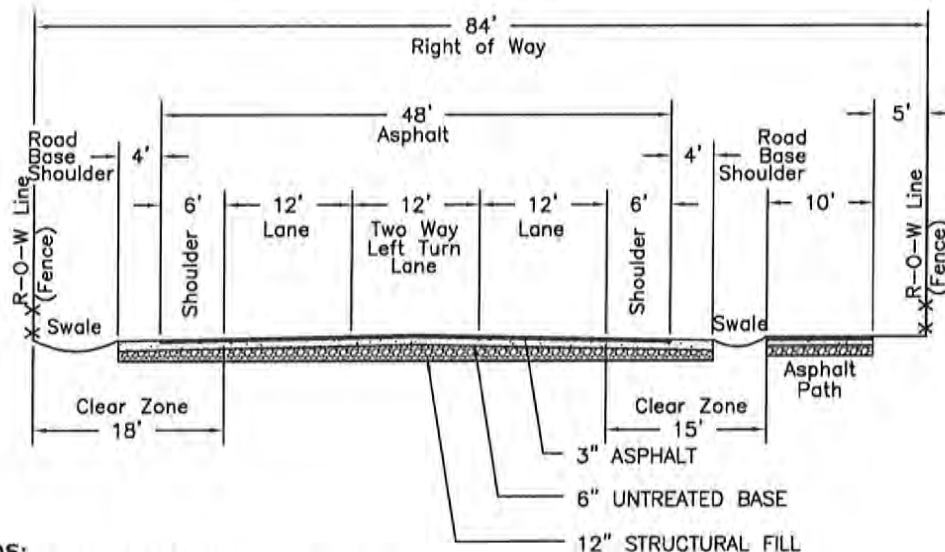
- 1) Right-of-Way width of 84 feet
- 2) 3 inches of asphalt "bituminous surface course" with an approved preservation coat after one year
- 3) Minimum pavement width of 48 feet
- 4) Minimum travel lane width of 12 feet
- 5) Minimum of 6 inches of approved Untreated Base Course material or depth as specified by soils report
- 6) Minimum of 12 inches of approved structural fill material or depth as specified by soils report
- 7) Minimum Swale width of 6 feet Seeded or Gravel with Check Dam by approval of Utah County Engineer
- 8) Maximum vertical grade of 6% along centerline, Typical Cross Slope grade 2%
- 9) Minimum clear zone of 15 feet
- 10) Limited driveway access

Notes:

- 1) New Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., shall be located at the Right-of-Way line.
- 2) New Ditches and Ditch structures shall be located outside of the Right-of-Way line.
- 3) Existing Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., may remain if they are located between the clear zone and the Right-of-Way line, on existing roads.

DATE: October 24, 2017

Utah County Road Cross Section Detail Standards COLLECTOR ROADS with Asphalt Path



STANDARDS:

- 1) Right-of-Way width Of 84 feet
- 2) 3 inches of asphalt "bituminous surface course" with an approved preservation coat after one year
- 3) Minimum pavement width of 48 feet
- 4) Minimum travel lane width of 12 feet
- 5) Minimum of 6 inches of approved Untreated Base Course material or depth as specified by soils report
- 6) Minimum of 12 inches of approved structural fill material or depth as specified by soils report
- 7) Minimum Swale width of 5 feet Seeded or Gravel with Check Dam by approval of Utah County Engineer
- 8) Maximum vertical grade of 6% along centerline, Typical Cross Slope grade 2%
- 9) Minimum clear zone of 15 feet
- 10) Limited driveway access
- 11) Asphalt Path location varies by approval of Utah County Engineer

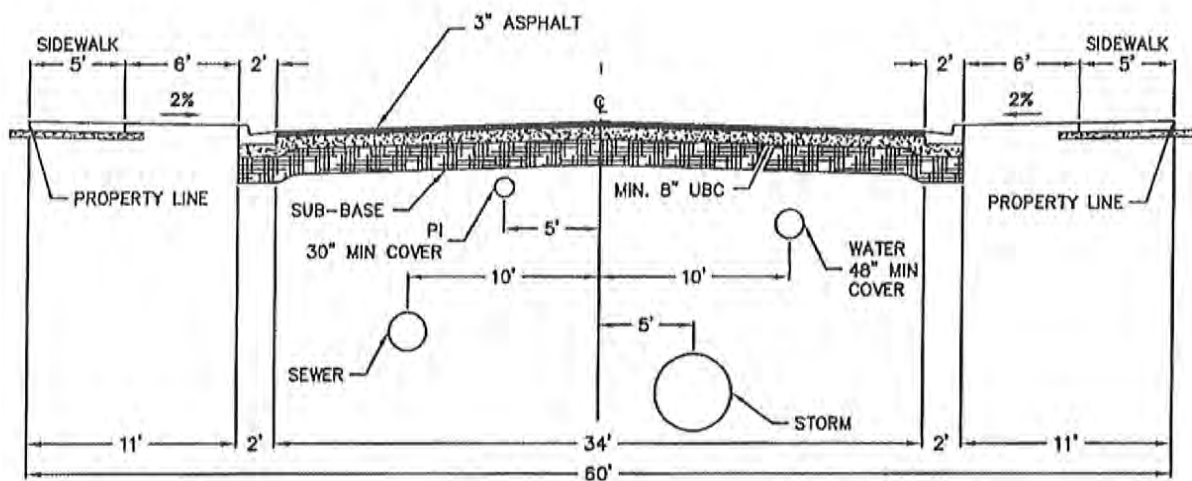
Notes:

- 1) New Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., shall be located at the Right-of-Way line.
- 2) New Ditches and Ditch structures shall be located outside of the Right-of-Way line.
- 3) Existing Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., may remain if they are located between the clear zone and the Right-of-Way line, on existing roads.

DATE: October 24, 2017

Utah County Road Cross Section Detail Standards

URBAN DEVELOPMENT ROADS



STANDARDS:

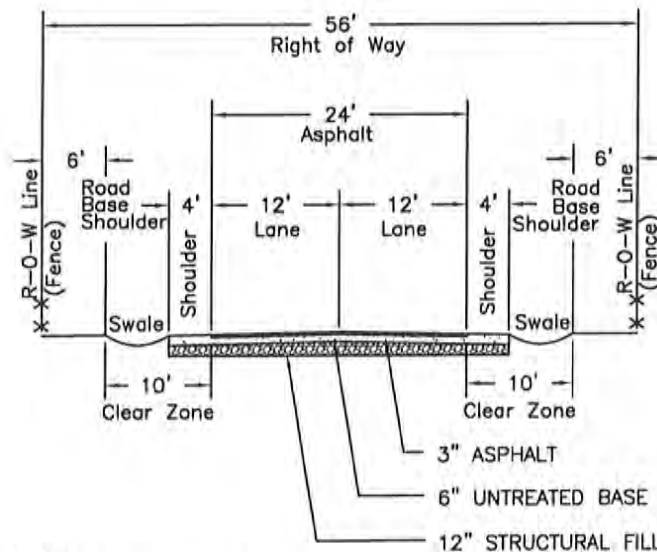
- 1) RIGHT-OF-WAY WIDTH OF 60 FEET
- 2) 3 INCHES OF ASPHALT "BITUMINOUS SURFACE COURSE" WITH AN APPROVED PRESERVATION COAT AFTER 1 YEAR
- 3) MINIMUM PAVEMENT WIDTH OF 34 FEET
- 4) MINIMUM TRAVEL LANE WIDTH OF 12 FEET
- 5) MINIMUM OF 8 INCHES OF UNTREATED BASE COURSE MATERIAL OR DEPTH AS SPECIFIED BY SOILS REPORT
- 6) MINIMUM OF 12 INCHES OF APPROVED STRUCTURAL FILL MATERIAL OR DEPTH AS SPECIFIED BY SOILS REPORT
- 7) MINIMUM SIDEWALK WIDTH OF 5 FEET WITH 4 INCHES OF COMPACTED UNTREATED BASE COURSE
- 8) MAXIMUM VERTICAL GRADE OF ROADWAY IS 8%

NOTES:

- 1) THIS TYPICAL CROSS SECTION DETAIL IS TO BE USED WITH LOTS ONE ACRE OR LESS OR IN URBAN ZONED AREAS OF UTAH COUNTY.

DATE: APRIL 13, 2010

Utah County Road Cross Section Detail Standards RURAL DEVELOPMENT ROADS



STANDARDS:

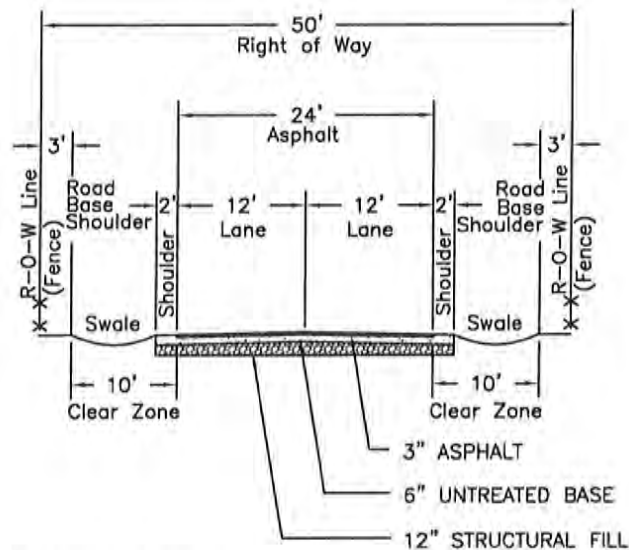
- 1) Right-of-Way width Of 56 feet
- 2) 3 inches of asphalt "bituminous surface course" with an approved preservation coat after one year
- 3) Minimum pavement width of 24 feet
- 4) Minimum travel lane width of 12 feet
- 5) Minimum of 6 inches of approved Untreated Base Course material or depth as specified by soils report
- 6) Minimum of 12 inches of approved structural fill material or depth as specified by soils report
- 7) Minimum Swale width of 6 feet Seeded or Gravel with Check Dam by approval of Utah County Engineer
- 8) Maximum vertical grade of 8% along centerline, Typical Cross Slope grade 2%
- 9) Minimum clear zone of 10 feet
- 10) Limited driveway access

Notes:

- 1) New Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., shall be located at the Right-of-Way line.
- 2) New Ditches and Ditch structures shall be located outside of the Right-of-Way line.
- 3) Existing Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., may remain if they are located between the clear zone and the Right-of-Way line, on existing roads.

DATE: October 24, 2017

Utah County Road Cross Section Detail Standards RECREATIONAL ROADS



STANDARDS:

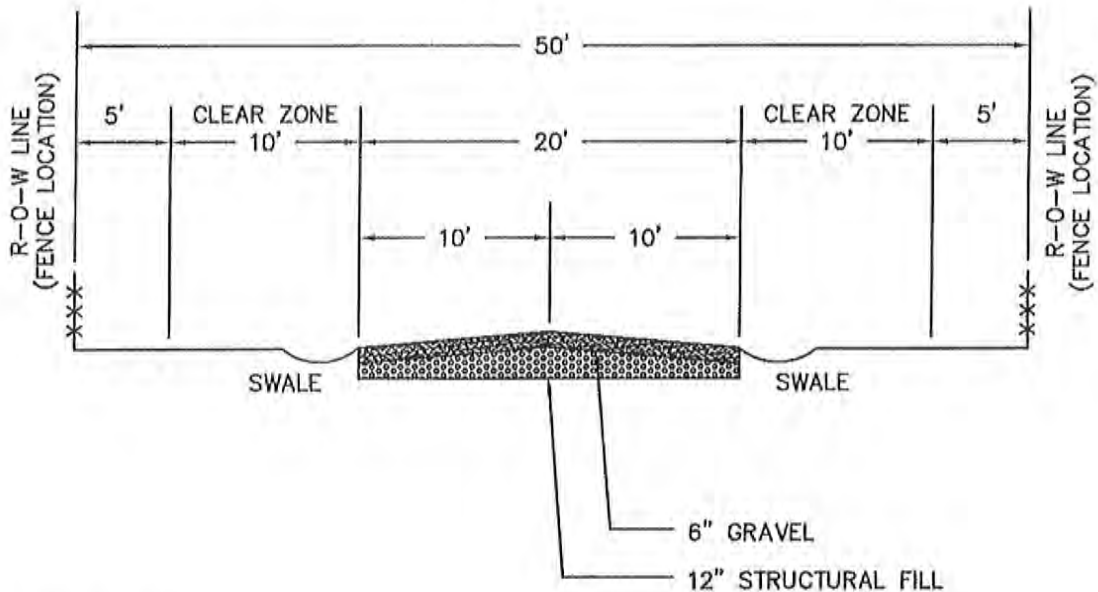
- 1) Right-of-Way width of 50 feet
- 2) 3 inches of asphalt "bituminous surface course" with an approved preservation coat after one year
- 3) Minimum pavement width of 24 feet
- 4) Minimum travel lane width of 12 feet
- 5) Minimum of 6 inches of approved Untreated Base Course material or depth as specified by soils report
- 6) Minimum of 12 inches of approved structural fill material or depth as specified by soils report
- 7) Minimum Swale width of 6 feet Seeded or Gravel with Check Dam by approval of Utah County Engineer
- 8) Maximum vertical grade of 6%
- 9) Minimum clear zone of 10 feet

Notes:

- 1) New Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., shall be located at the Right-of-Way line.
- 2) New Ditches and Ditch structures shall be located outside of the Right-of-Way line.
- 3) Existing Utility Poles, Telephone Boxes, Electrical Junction Boxes, etc., may remain if they are located between the clear zone and the Right-of-Way line, on existing roads.

DATE: October 24, 2017

Utah County Road Cross Section Detail Standards MOUNTAIN ROADS



STANDARDS:

- 1) RIGHT-OF-WAY WIDTH OF 50 FEET
- 2) MINIMUM GRAVEL WIDTH OF 20 FEET FOR LINEAR LENGTH OF ZERO TO FIVE HUNDRED FEET
MINIMUM GRAVEL WIDTH OF 26 FEET FOR LINEAR LENGTHS GREATER THAN FIVE HUNDRED FEET
- 4) MINIMUM TRAVEL LANE WIDTH OF 10 FEET
- 5) MINIMUM OF 6 INCHES OF APPROVED UNTREATED BASE COURSE MATERIAL
OR DEPTH AS SPECIFIED BY SOILS REPORT
- 6) MINIMUM OF 12 INCHES OF APPROVED STRUCTURAL FILL MATERIAL
OR DEPTH AS SPECIFIED BY SOILS REPORT
- 7) MINIMUM SWALE WIDTH OF 4 FEET
- 8) MAXIMUM VERTICAL GRADE OF 8%
- 9) MINIMUM CLEAR ZONE OF 10 FEET

NOTES:

- 1) NEW UTILITY POLES, TELEPHONE BOXES, ELECTRICAL JUNCTION BOXES, ETC., SHALL BE LOCATED AT THE RIGHT-OF-WAY LINE.
- 2) NEW DITCHES AND DITCH STRUCTURES SHALL BE LOCATED OUTSIDE OF THE RIGHT-OF-WAY LINE.
- 3) EXISTING UTILITY POLES, TELEPHONE BOXES, ELECTRICAL JUNCTION BOXES, ETC., MAY REMAIN IF THEY ARE LOCATED BETWEEN THE CLEAR ZONE AND THE RIGHT-OF-WAY LINE, ON EXISTING ROADS.

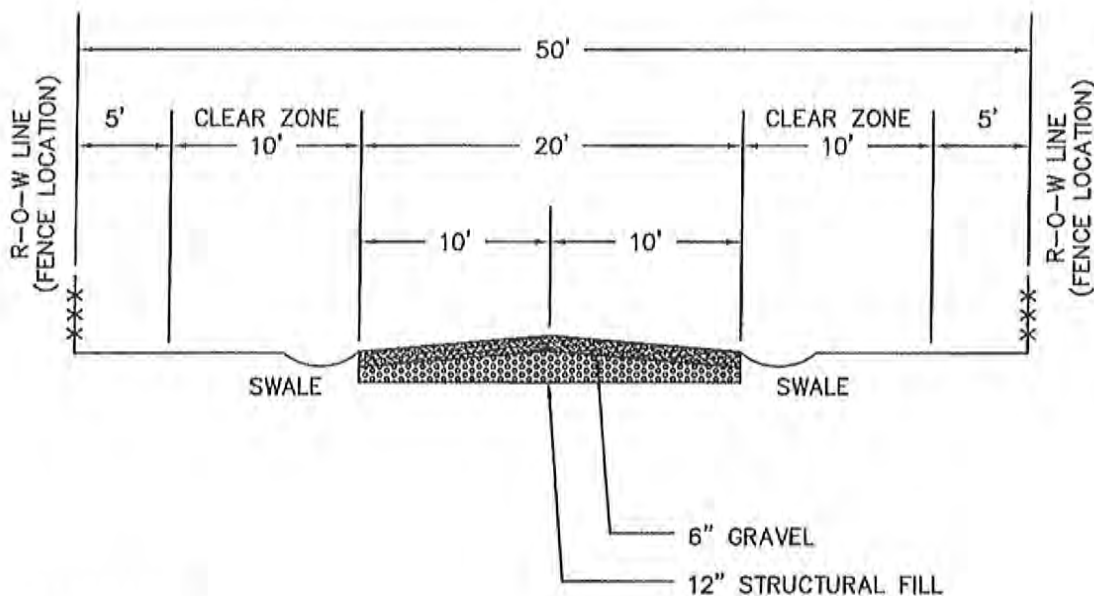
DATE: APRIL 13, 2010

Utah County

Road Cross Section

Detail Standards

FARMS ACCESS ROADS



STANDARDS:

- 1) RIGHT-OF-WAY WIDTH OF 50 FEET
- 2) MINIMUM GRAVEL WIDTH OF 20 FEET FOR LINEAR LENGTH OF ZERO TO FIVE HUNDRED FEET
MINIMUM GRAVEL WIDTH OF 26 FEET FOR LINEAR LENGTHS GREATER THAN FIVE HUNDRED FEET
- 4) MINIMUM TRAVEL LANE WIDTH OF 10 FEET
- 5) MINIMUM OF 6 INCHES OF APPROVED UNTREATED BASE COURSE MATERIAL
OR DEPTH AS SPECIFIED BY SOILS REPORT
- 6) MINIMUM OF 12 INCHES OF APPROVED STRUCTURAL FILL MATERIAL
OR DEPTH AS SPECIFIED BY SOILS REPORT
- 7) MINIMUM SWALE WIDTH OF 4 FEET
- 8) MAXIMUM VERTICAL GRADE OF 8%
- 9) MINIMUM CLEAR ZONE OF 10 FEET

NOTES:

- 1) NEW UTILITY POLES, TELEPHONE BOXES, ELECTRICAL JUNCTION BOXES, ETC., SHALL BE LOCATED AT THE RIGHT-OF-WAY LINE.
- 2) NEW DITCHES AND DITCH STRUCTURES SHALL BE LOCATED OUTSIDE OF THE RIGHT-OF-WAY LINE.
- 3) EXISTING UTILITY POLES, TELEPHONE BOXES, ELECTRICAL JUNCTION BOXES, ETC., MAY REMAIN IF THEY ARE LOCATED BETWEEN THE CLEAR ZONE AND THE RIGHT-OF-WAY LINE, ON EXISTING ROADS.

DATE: APRIL 13, 2010