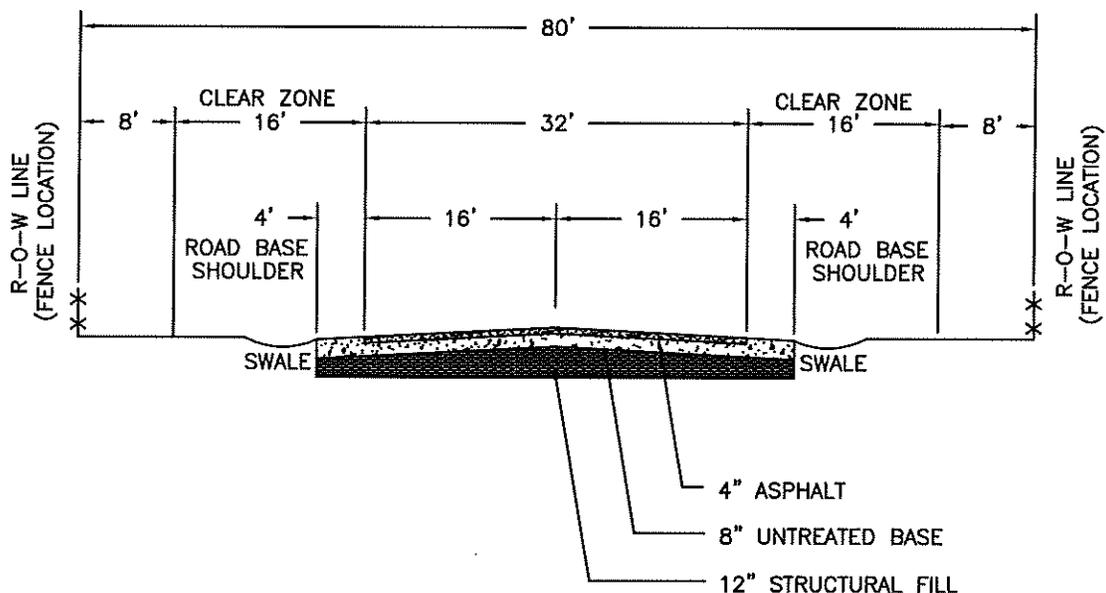


Utah County Road Cross Section Detail Standards ARTERIAL ROADS



STANDARDS:

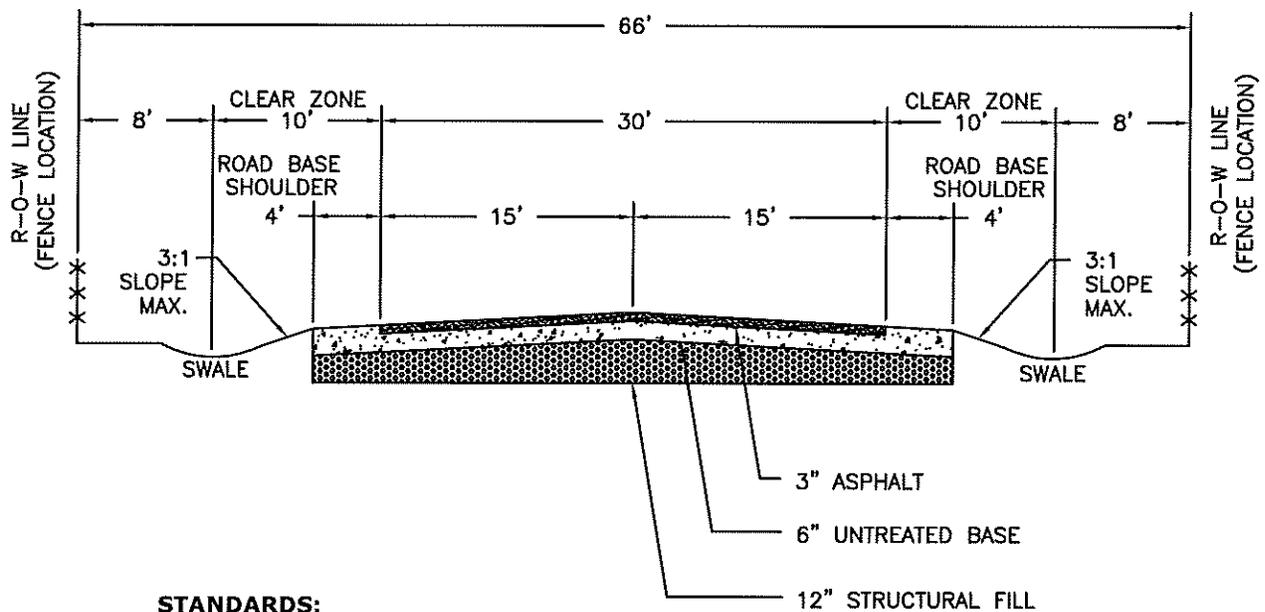
- 1) RIGHT-OF-WAY WIDTH OF 80 FEET
- 2) 4 INCHES OF ASPHALT "BITUMINOUS SURFACE COURSE" WITH AN APPROVED PRESERVATION COAT AFTER ONE YEAR
- 3) MINIMUM PAVEMENT WIDTH OF 32 FEET
- 4) MINIMUM TRAVEL LANE WIDTH OF 12 FEET
- 5) MINIMUM OF 8 INCHES OF UNTREATED BASE COURSE MATERIAL OR DEPTH AS SPECIFIED BY SOILS REPORT
- 6) MINIMUM OF 12 INCHES OF APPROVED STRUCTURAL FILL MATERIAL OR DEPTH AS SPECIFIED BY SOILS REPORT
- 7) MINIMUM SWALE WIDTH OF 6 FEET
- 8) MAXIMUM VERTICAL GRADE OF 6%
- 9) MINIMUM CLEAR ZONE OF 16 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: APRIL 13, 2010

Utah County Road Cross Section Detail Standards COLLECTOR ROADS



STANDARDS:

- 1) RIGHT-OF-WAY WIDTH OF 66 FEET
- 2) 3 INCHES OF ASPHALT "BITUMINOUS SURFACE COURSE" WITH AN APPROVED PRESERVATION COAT AFTER ONE YEAR
- 3) MINIMUM PAVEMENT WIDTH OF 30 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
- 8) MAXIMUM VERTICAL GRADE OF 6%
- 9) MINIMUM CLEAR ZONE OF 10 FEET
- 10) LIMITED DRIVEWAY ACCESS

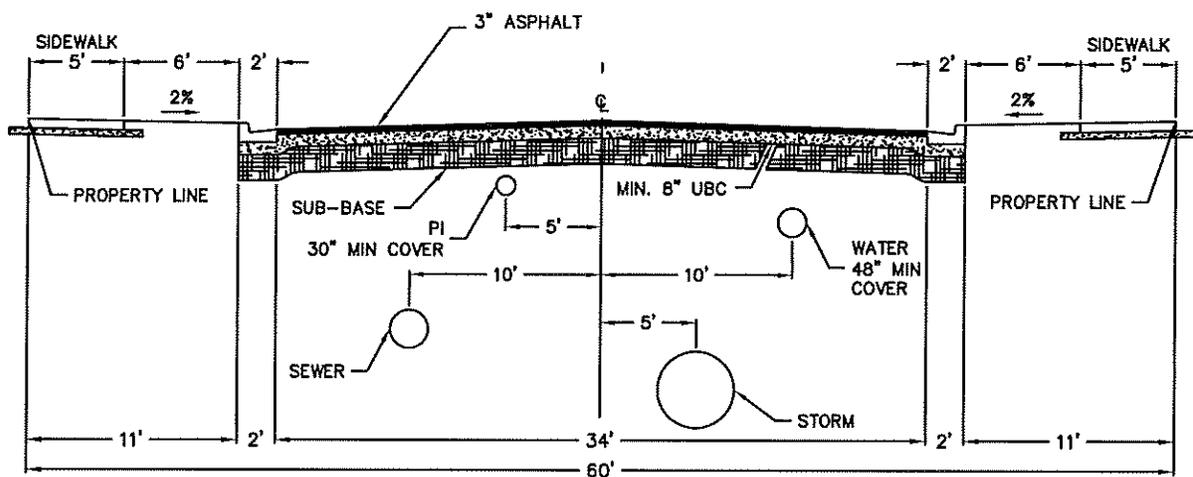
NOTES:

- 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: APRIL 13, 2010

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%

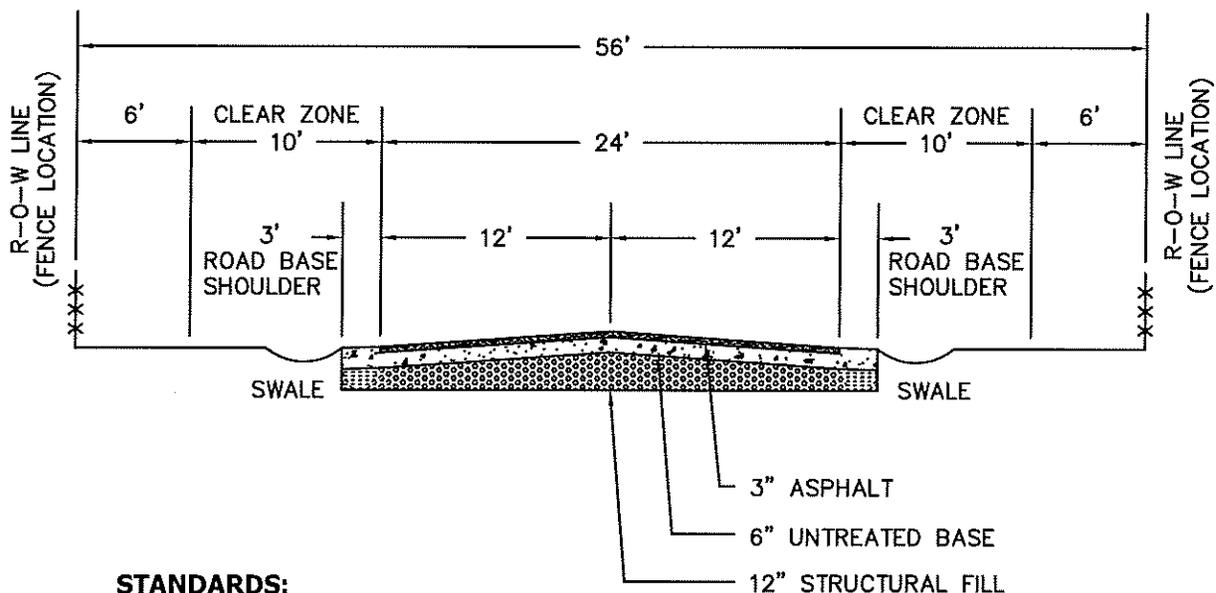
NOTES:

- 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:

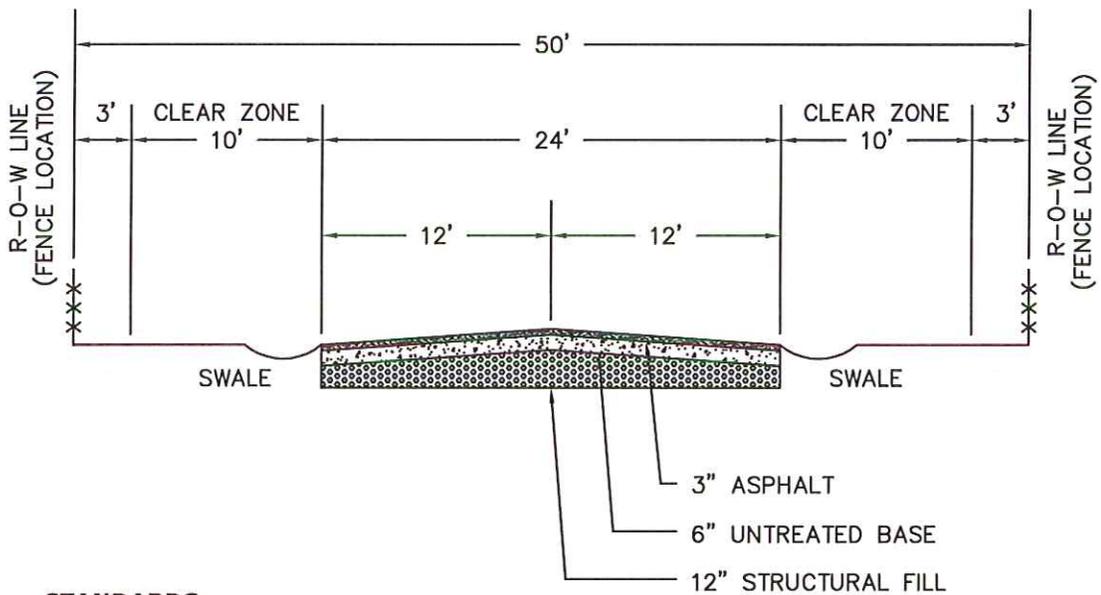
- 1) RIGHT-OF-WAY WIDTH OF 56 FEET
- 2) 3 INCHES OF ASPHALT "BITUMINOUS SURFACE COURSE" WITH AN APPROVED PRESERVATION COAT AFTER ONE YEAR
- 3) MINIMUM PAVEMENT WIDTH OF 24 FEET
- 4) MINIMUM TRAVEL LANE WIDTH OF 12 FEET
- 5) MINIMUM OF 6 INCHES OF APPROVED UNTREATED BASE COURSE MATERIAL OR DEPTH AS SPECIFIED 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 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.
- 4) THE AREA BETWEEN THE CLEAR ZONE AND THE RIGHT-OF-WAY LINE MAY BE USED FOR A PEDESTRIAN PATH ON NEW ROADS.

DATE: APRIL 13, 2010

Utah County Road Cross Section Detail Standards RECREATIONAL ROADS



STANDARDS:

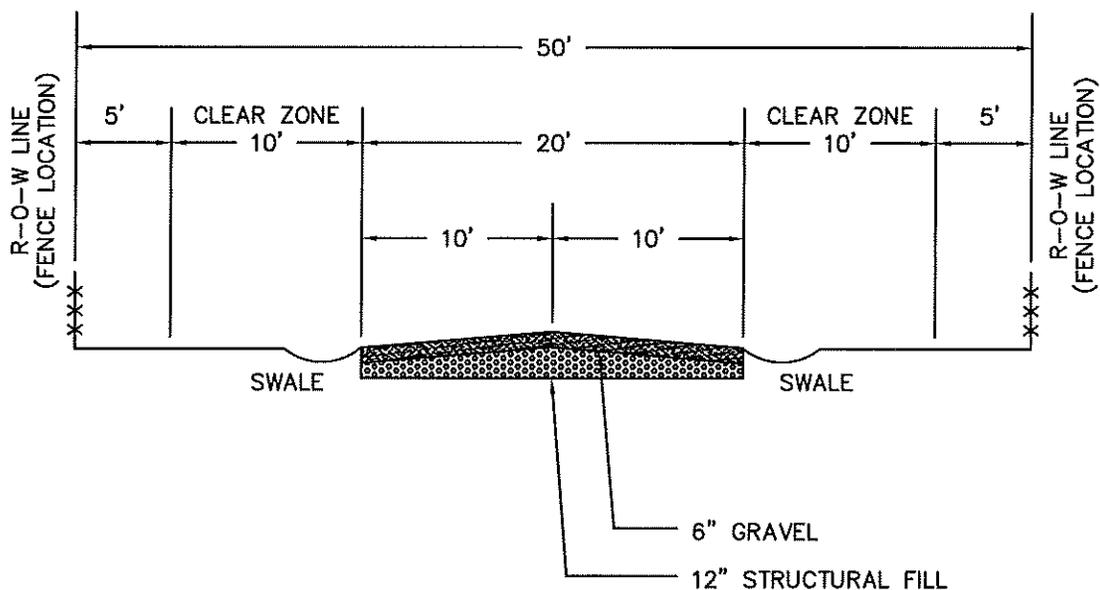
- 1) RIGHT-OF-WAY WIDTH OF 60 FEET
- 2) 3 INCHES OF ASPHALT "BITUMINOUS SURFACE COURSE" WITH AN APPROVED PRESERVATION COAT AFTER ONE YEAR
- 3) MINIMUM PAVEMENT WIDTH OF 24 FEET
- 4) MINIMUM TRAVEL LANE WIDTH OF 12 FEET
- 5) MINIMUM OF 6 INCHES OF APPROVED UNTREATED BASE COURSE MATERIAL OR DEPTH AS SPECIFIED 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 4 FEET
- 8) MAXIMUM VERTICAL GRADE OF 8% UNLESS OTHERWISE APPROVED BY THE COUNTY ENGINEER TO MEET EXISTING CONDITIONS
- 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 MOUNTAIN ROADS



STANDARDS:

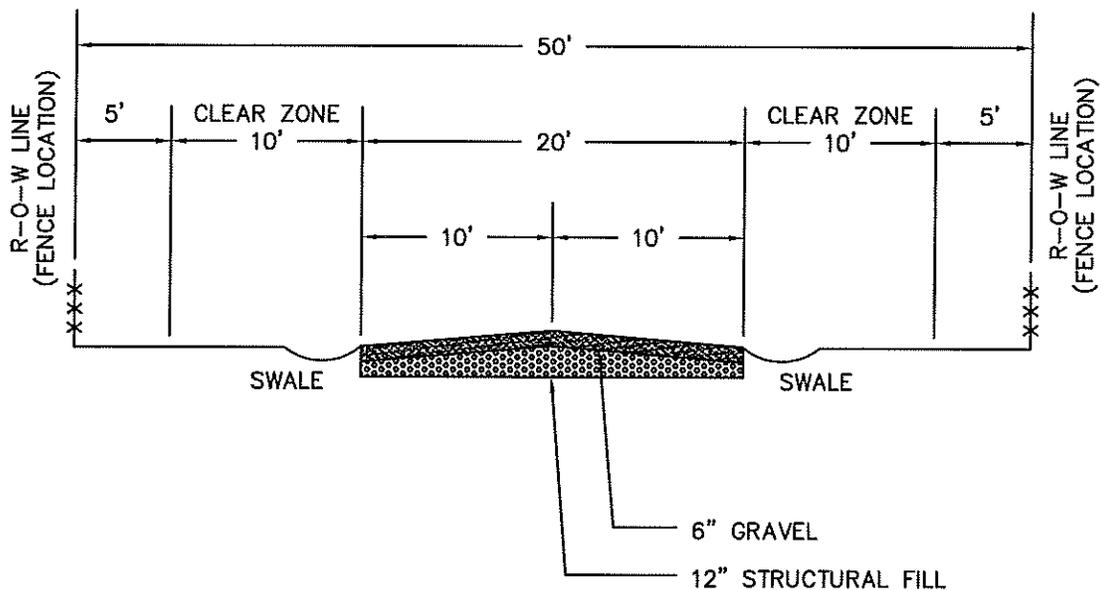
- 1) RIGHT-OF-WAY WIDTH OF 50 FEET
- 2) MINIMUM GRAVEL WIDTH OF 20 FEET FOR LINEAR LENGTH OF ZERO TO FIVE HUNDRED FEET
MINIMUM GRAVEL WIDTH OF 26 FEET FOR LINEAR LENGTHS GREATER THAN FIVE HUNDRED FEET
- 4) MINIMUM TRAVEL LANE WIDTH OF 10 FEET
- 5) MINIMUM OF 6 INCHES OF APPROVED UNTREATED BASE COURSE 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