

ISLAND COUNTY TYPICAL PLANS

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2	APPENDIX D-2	NEIGHBORHOOD LOOP AND CUL-DE-SAC -- URBAN PUBLIC ROADS	
3	APPENDIX D-3	NEIGHBORHOOD LOOP AND CUL-DE-SAC -- ALTERNATE URBAN ROADS	
4	APPENDIX D-4	MAJOR AND SECONDARY ARTERIALS -- RURAL PUBLIC ROADS	
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14	APPENDIX D-14	TYPICAL SINGLE FAMILY RESIDENCE AND SHORT PLAT ROAD APPROACH	REVISED 03/2017
15	APPENDIX D-15	CUL-DE-SAC (CIRCULAR) AND DEAD-END (T-TYPE)	



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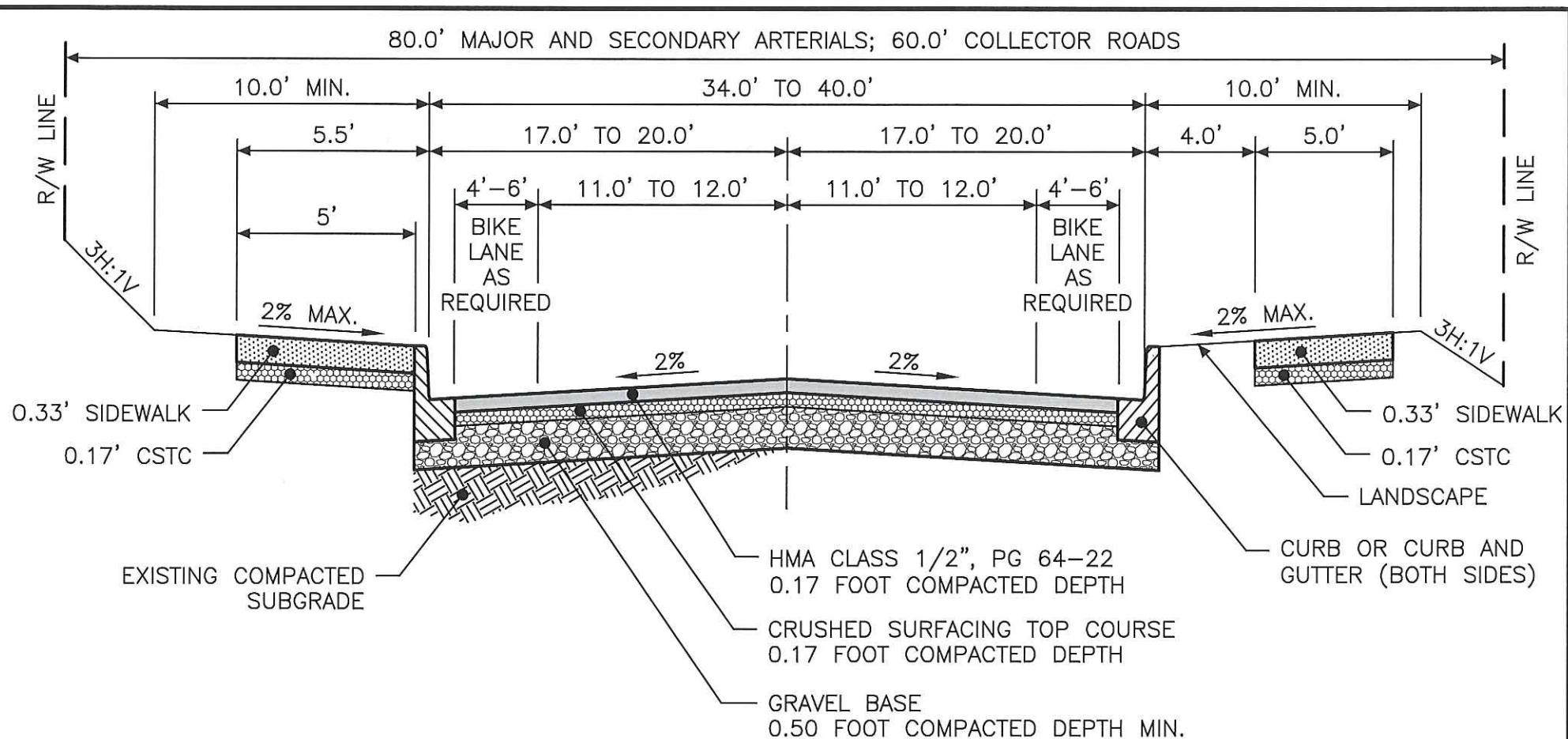


03/2017	ADD APPENDIX D-15.	PAS
DATE	REVISIONS	BY

TABLE OF CONTENT

SCALE:
NOT TO SCALE

DATE:
MARCH, 2017



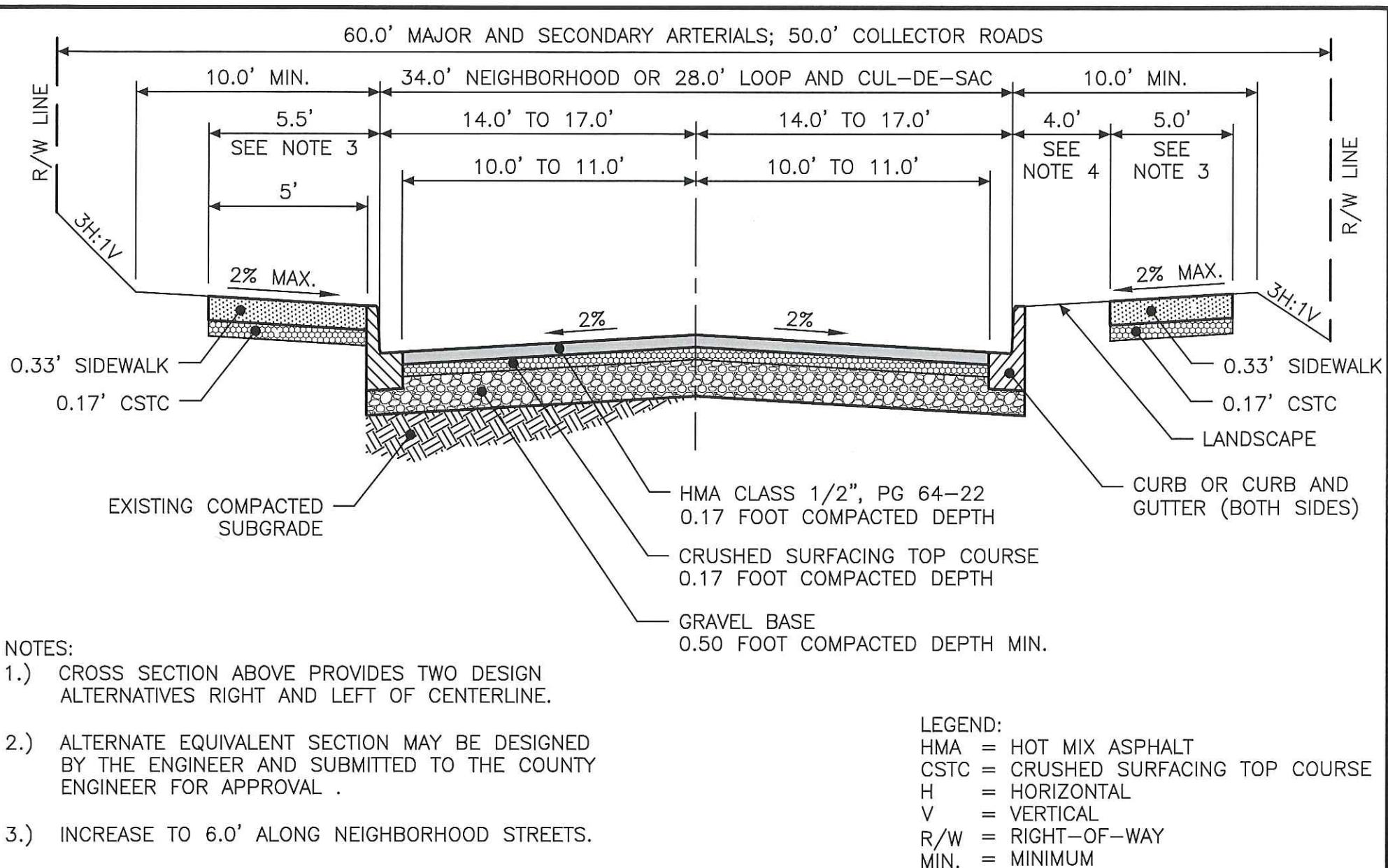
NOTES:

- 1.) CROSS SECTION ABOVE PROVIDES TWO DESIGN ALTERNATIVES
RIGHT AND LEFT OF CENTERLINE.
- 2.) BICYCLE ROUTES WILL REQUIRE ADDITIONAL RIGHT-OF-WAY AND
TYPICAL SECTION IN ACCORDANCE WITH ACCEPTED CLASSIFICATIONS PLAN.
- 3.) FOR SPECIFIC ROADWAY WIDTH SEE ISLAND COUNTY CODE TITLE 11.

LEGEND:

HMA = HOT MIX ASPHALT
 CSTC = CRUSHED SURFACING TOP COURSE
 H = HORIZONTAL
 V = VERTICAL
 R/W = RIGHT-OF-WAY
 MIN. = MINIMUM
 MAX = MAXIMUM

 <p>Office of the ISLAND COUNTY ENGINEER 1 NE 6th Street Coupeville, WA 98239-5000 Tel: 360-679-7331 * Fax: 360-678-4550</p> 				<p>MAJOR & SECONDARY ARTERIALS, AND COLLECTOR ROADS</p> <p>URBAN PUBLIC ROADS TYPICAL SECTION</p> <p>APPENDIX D-1</p>	SCALE: NOT TO SCALE
					SHEET 1 OF 15
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NEIGHBORHOOD, LOOP & CUL-DE-SAC

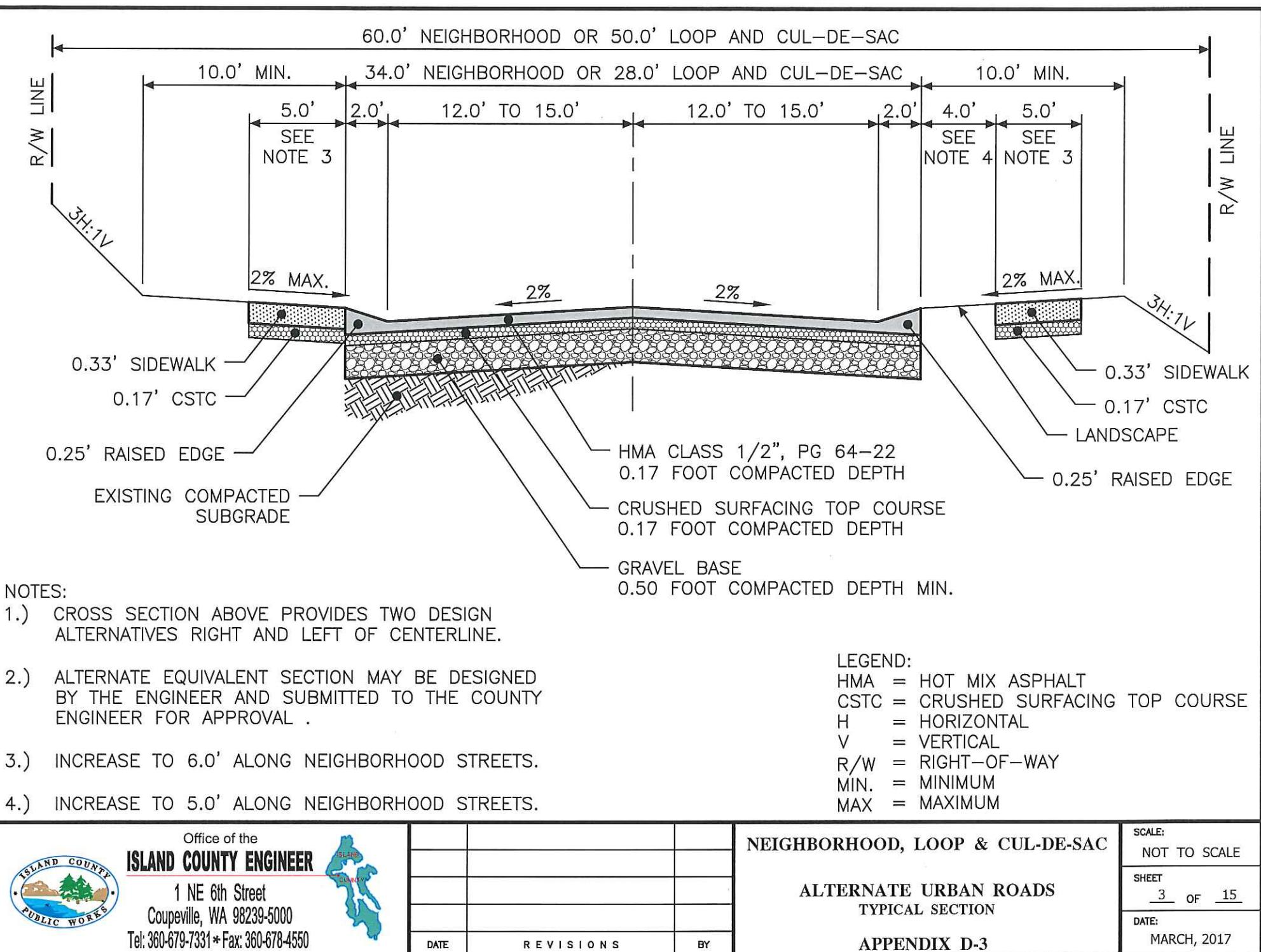
URBAN PUBLIC ROADS
TYPICAL SECTION

APPENDIX D-2

SCALE:
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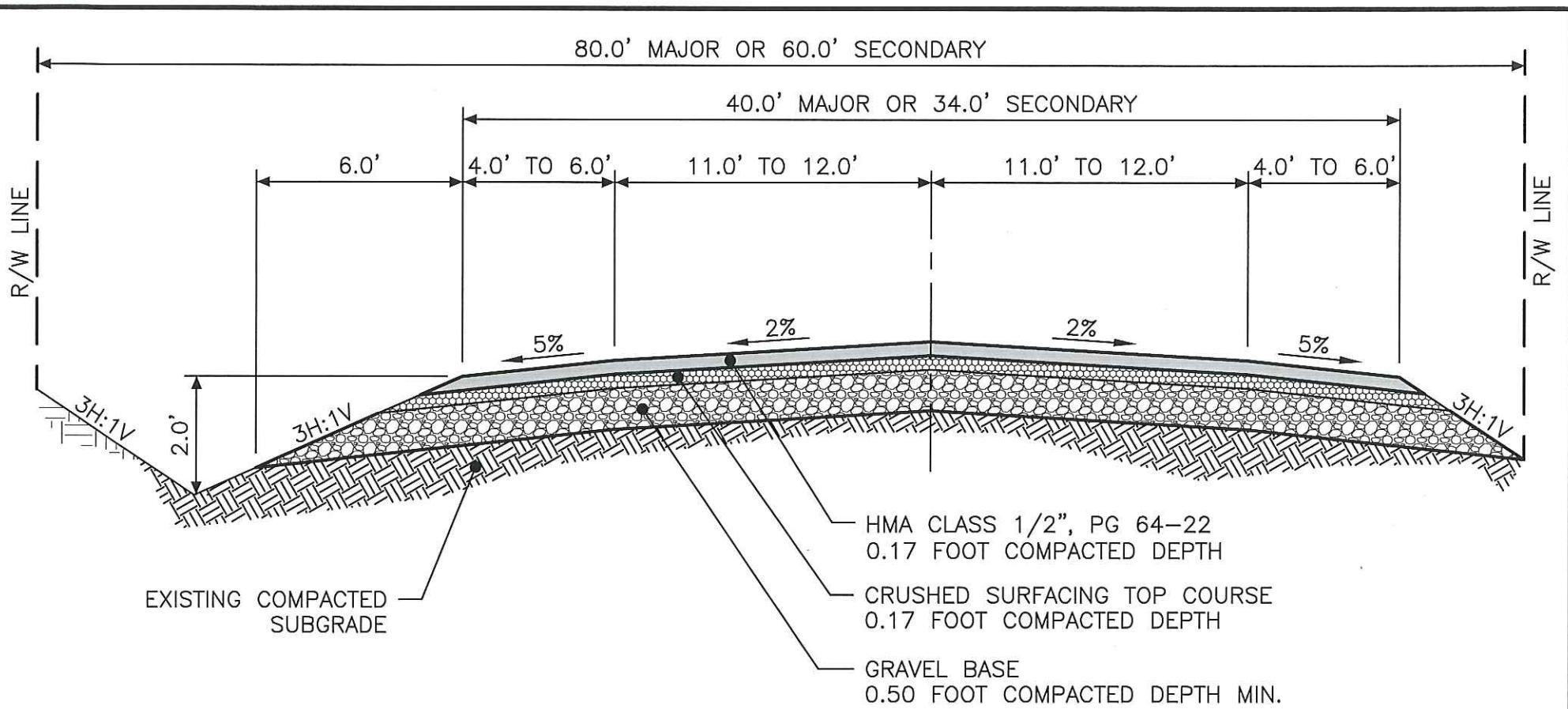
SHEET
2 OF 15

DATE:
MARCH, 2017



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NOTES:

- 1.) CROSS SECTION ABOVE PROVIDES TWO DESIGN ALTERNATIVES
RIGHT AND LEFT OF CENTERLINE.
- 2.) BICYCLE ROUTES WILL REQUIRE ADDITIONAL RIGHT-OF-WAY AND
TYPICAL SECTION IN ACCORDANCE WITH ACCEPTED CLASSIFICATIONS PLAN.
- 3.) FOR SPECIFIC ROADWAY WIDTH SEE ISLAND COUNTY CODE TITLE 11.

LEGEND:

HMA = HOT MIX ASPHALT
H = HORIZONTAL
V = VERTICAL
R/W = RIGHT-OF-WAY
MIN. = MINIMUM



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MAJOR & SECONDARY ARTERIALS

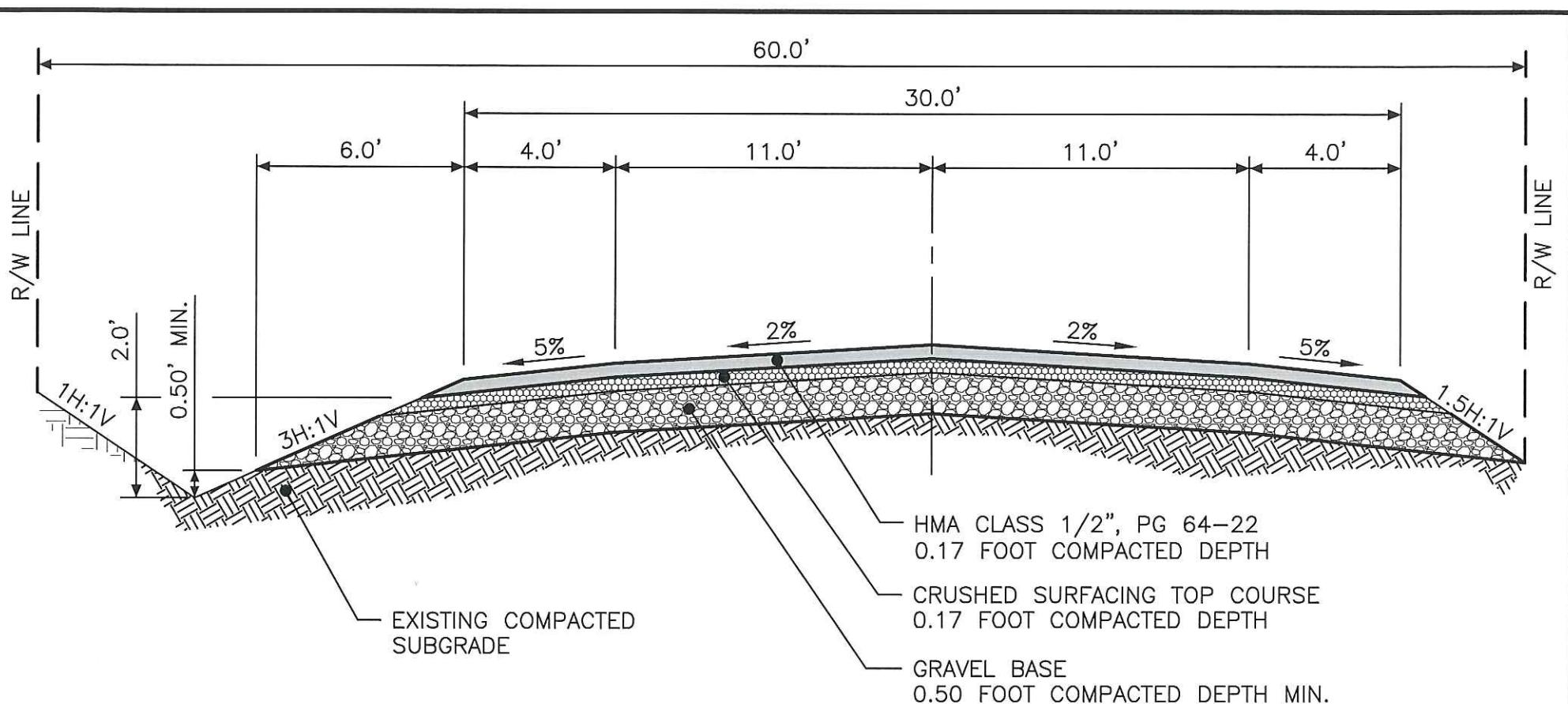
RURAL PUBLIC ROADS
TYPICAL SECTION

APPENDIX D-4

SCALE:
NOT TO SCALE

SHEET
4 OF 15

DATE:
MARCH, 2017



NOTES:

- 1.) CROSS SECTION ABOVE PROVIDES TWO DESIGN ALTERNATIVES
RIGHT AND LEFT OF CENTERLINE.
- 2.) BICYCLE ROUTES WILL REQUIRE ADDITIONAL RIGHT-OF-WAY AND
TYPICAL SECTION IN ACCORDANCE WITH ACCEPTED CLASSIFICATIONS PLAN.

LEGEND:

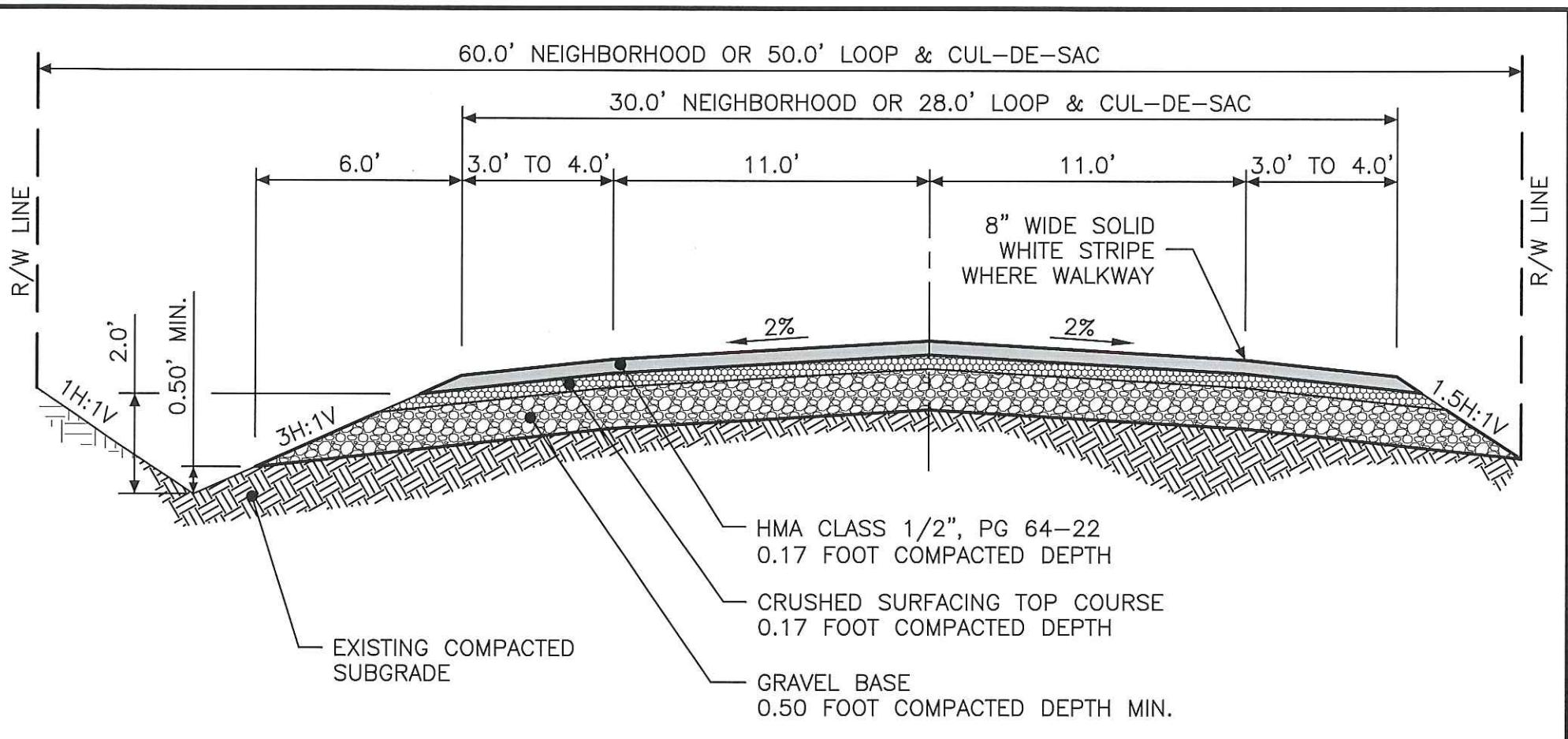
HMA = HOT MIX ASPHALT
H = HORIZONTAL
V = VERTICAL
R/W = RIGHT-OF-WAY
MIN. = MINIMUM



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			COLLECTOR ARTERIALS			SCALE: NOT TO SCALE
			RURAL PUBLIC ROADS			
			TYPICAL SECTION			SHEET 5 OF 15
DATE	REVISIONS	BY				
			APPENDIX D-5			DATE: MARCH, 2017



NOTES:

- 1.) CROSS SECTION ABOVE PROVIDES TWO DESIGN ALTERNATIVES
RIGHT AND LEFT OF CENTERLINE.
- 2.) 4.0' WIDE SHOULDERS FOR NEIGHBORHOOD ROADS.
- 3.) 3.0' WIDE SHOULDERS FOR LOOP & CUL-DE-SAC ROADS.

LEGEND:
 HMA = HOT MIX ASPHALT
 H = HORIZONTAL
 V = VERTICAL
 R/W = RIGHT-OF-WAY
 MIN. = MINIMUM



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NEIGHBORHOOD, LOOP & CUL-DE-SAC

RURAL PUBLIC ROADS
 TYPICAL SECTION

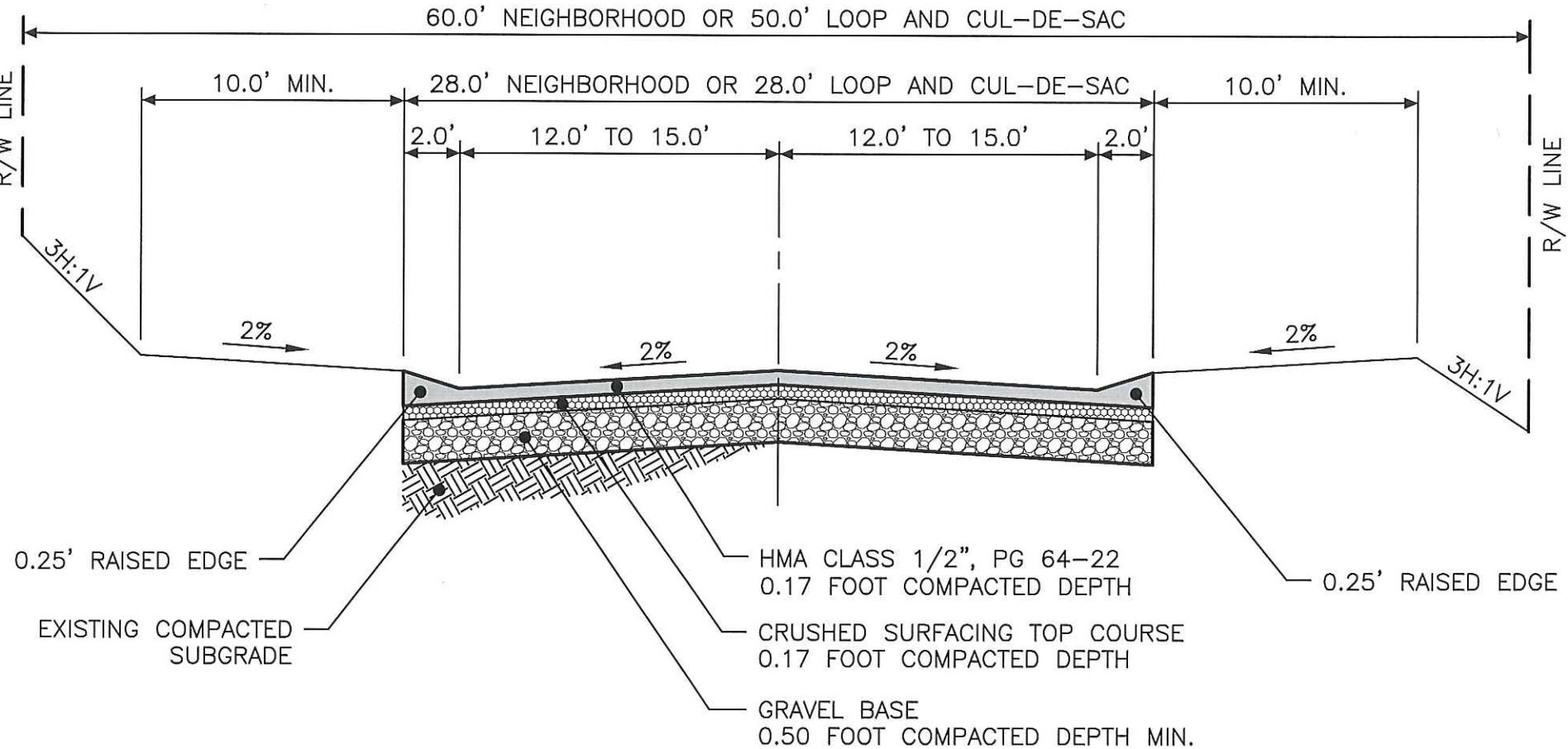
APPENDIX D-6

SCALE:
 NOT TO SCALE

SHEET
 6 OF 15

DATE:
 MARCH, 2017

DATE	REVISIONS	BY



NOTES:

- 1.) CROSS SECTION ABOVE PROVIDES TWO DESIGN ALTERNATIVES
RIGHT AND LEFT OF CENTERLINE.
- 2.) ALTERNATE EQUIVALENT SECTION MAY BE DESIGNED BY THE ENGINEER
AND SUBMITTED TO THE COUNTY ENGINEER FOR APPROVAL.

LEGEND:

HMA = HOT MIX ASPHALT
 H = HORIZONTAL
 V = VERTICAL
 R/W = RIGHT-OF-WAY
 MIN. = MINIMUM



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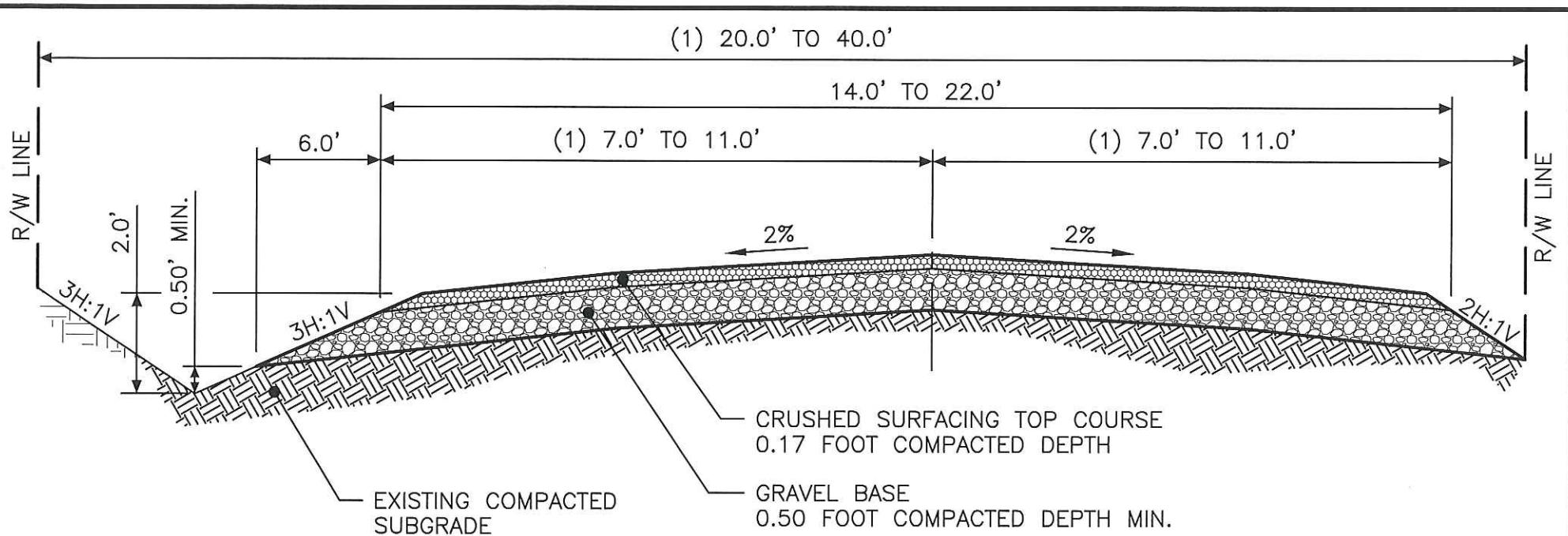
DATE	REVISIONS	BY

NEIGHBORHOOD, LOOP & CUL-DE-SAC

ALTERNATE URBAN ROADS
TYPICAL SECTION

APPENDIX D-7

SCALE: NOT TO SCALE
SHEET 7 OF 15
DATE: MARCH, 2017



NOTES:

- 1.) CROSS SECTION ABOVE PROVIDES TWO DESIGN ALTERNATIVES
RIGHT AND LEFT OF CENTERLINE.
- 2.) FOR SPECIFIC REQUIREMENTS SEE ISLAND COUNTY CODE TITLE 11.
- 3.) MAXIMUM GRADE 12%.
- 4.) DISPERSION OF ROADWAY RUN OFF IS ENCOURAGED.
- 5.) CLEARING OF FULL RIGHT-OF-WAY IS UNNECESSARY.
- 6.) DITCH SPECIFICATION ARE INTENDED TO PROVIDE ADEQUATE PROVISIONS FOR
DRAINAGE: LESSER STANDARDS MAY BE ACCEPTED BY THE ENGINEERING DEPARTMENT.
- 7.) REFER TO SECTION 11.01.090C FOR LIMITATIONS OF FUTURE PUBLIC DEDICATION.

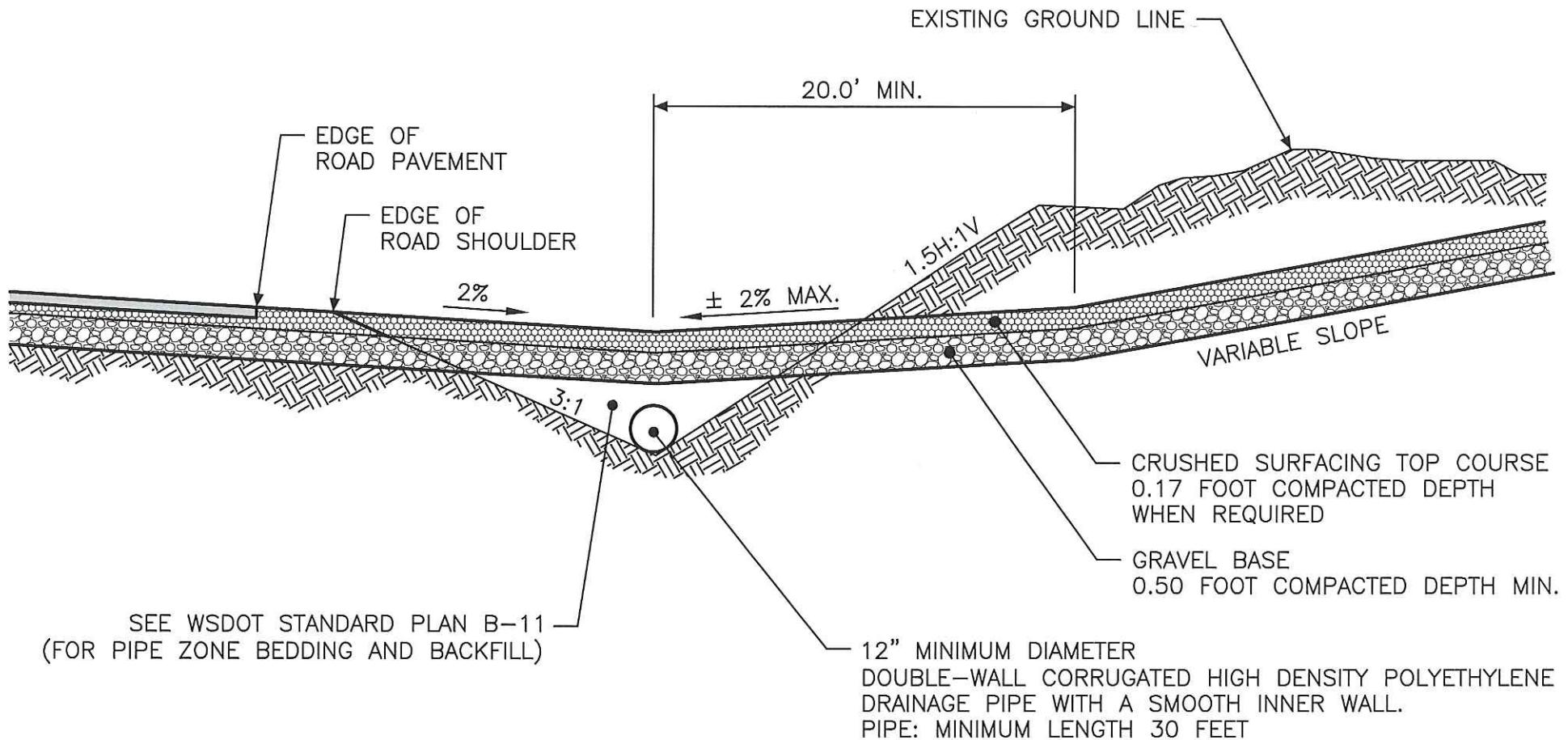
LEGEND:
 H = HORIZONTAL
 V = VERTICAL
 R/W = RIGHT-OF-WAY
 MIN. = MINIMUM



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SHORT PLAT PRIVATE ROADS			SCALE: NOT TO SCALE
TYPICAL SECTION			SHEET 8 OF 15
APPENDIX D-8			DATE: MARCH, 2017
DATE	REVISIONS	BY	



NOTES:

- 1.) 0.5' MINIMUM COVER WITH DUCTILE IRON PIPE COMPACTED DEPTH OF SPECIFIED MATERIALS OVER CULVERT, 1.0 FOOT DESIRABLE.
- 2.) LOW POINT OF APPROACH PROFILE SHALL BE A MINIMUM OF 21.0 FEET FROM THE PUBLIC ROAD CENTERLINE.

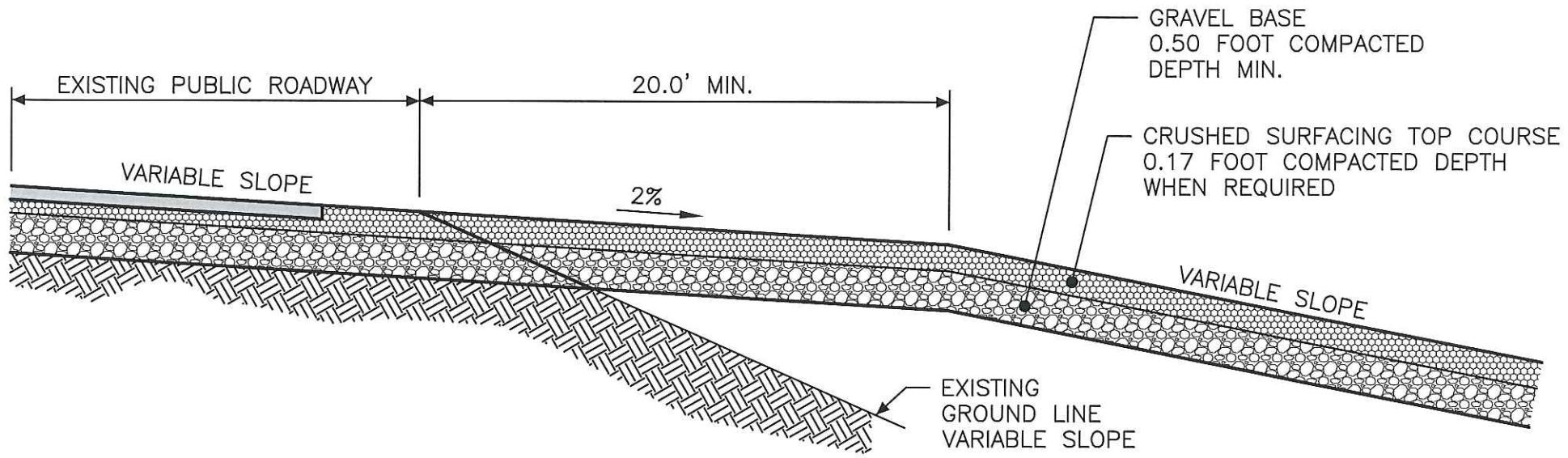
LEGEND:
 H = HORIZONTAL
 V = VERTICAL
 R/W = RIGHT-OF-WAY
 MIN. = MINIMUM



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ROAD APPROACH PROFILE			SCALE: NOT TO SCALE
CUT SECTION			SHEET 9 OF 15
APPENDIX D-9			DATE: MARCH, 2017
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ROAD APPROACH PROFILE

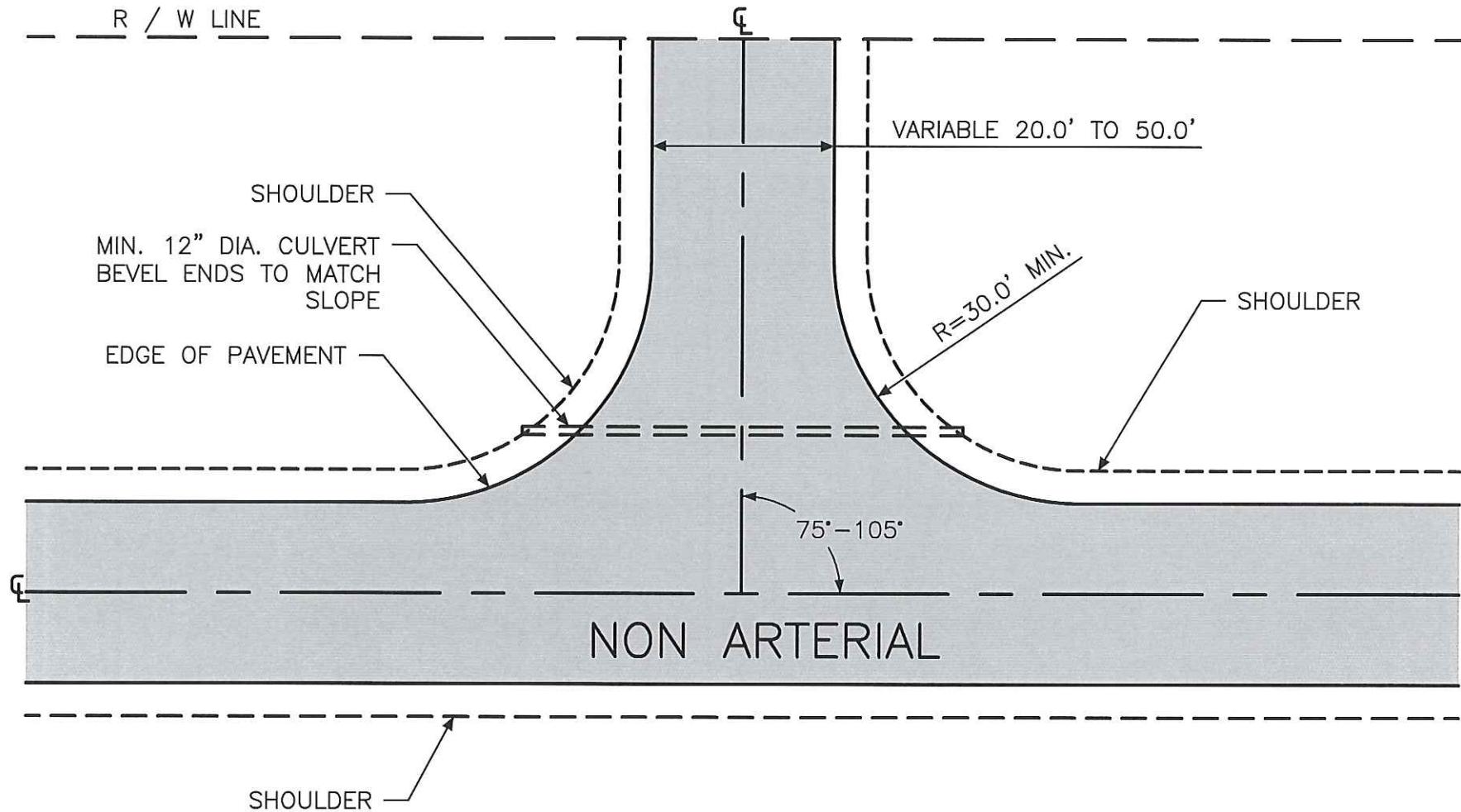
FILL SECTION

APPENDIX D-10

SCALE:
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SHEET
10 OF 15

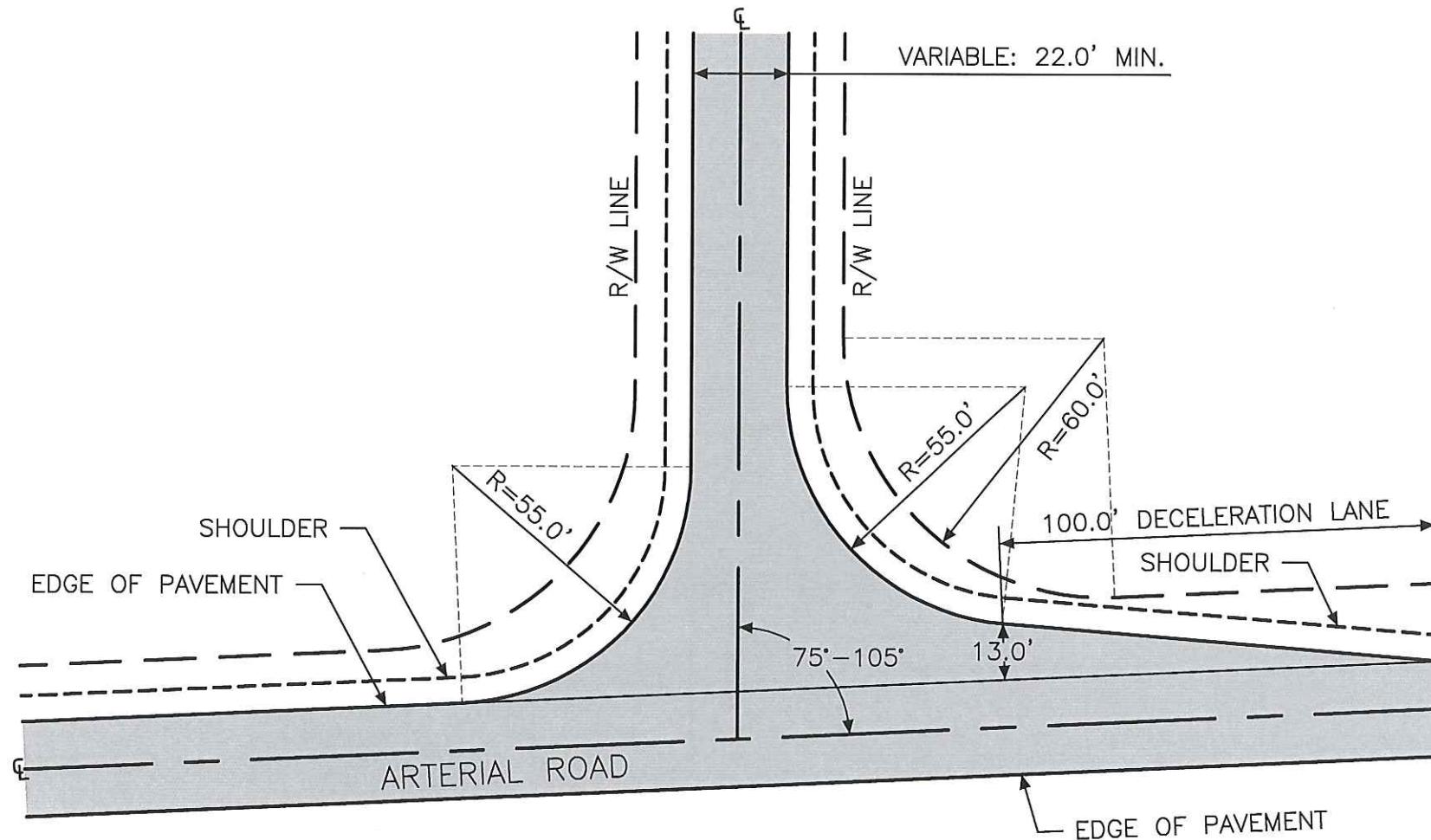
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			COMMERCIAL OR PLAT ROAD NON-ARTERIAL INTERSECTION	APPENDIX D-11	SCALE: NOT TO SCALE
					SHEET 11 OF 15
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LEGEND:
 R = RADIUS
 R/W = RIGHT-OF-WAY
 MIN. = MINIMUM



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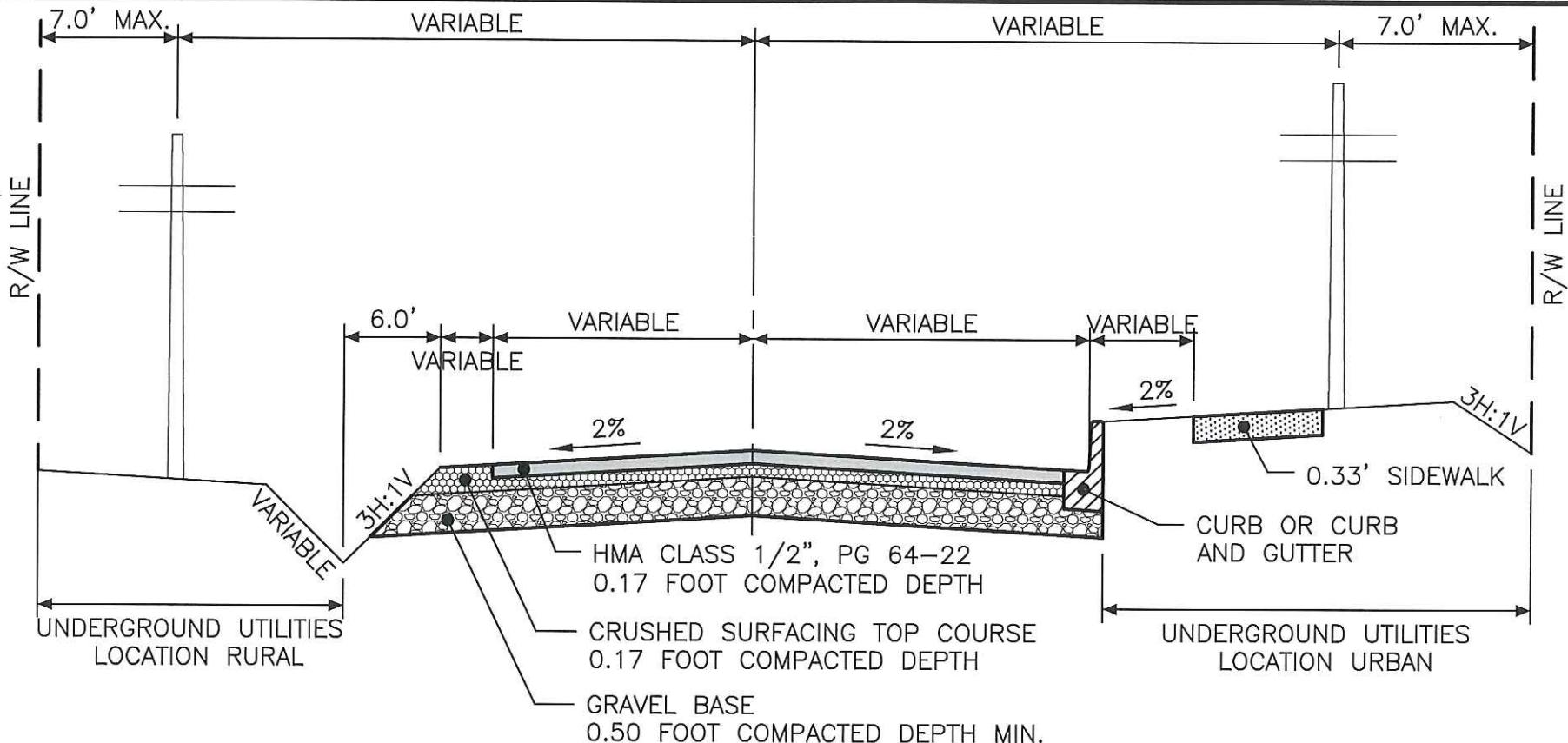


DATE	REVISIONS	BY

**TYPICAL INTERSECTION WITH
DECELERATION LANE/ZONE**

APPENDIX D-12

SCALE: NOT TO SCALE
SHEET 12 OF 15
DATE: MARCH, 2017



NOTES:

- 1.) CROSS SECTION ABOVE PROVIDES TWO DESIGN ALTERNATIVES RIGHT AND LEFT OF CENTERLINE.
- 2.) OVERHEAD UTILITIES SHOULD BE LOCATED AS CLOSE AS PRACTICABLE TO THE EDGE OF THE RIGHT-OF-WAY. THE MAXIMUM DISTANCE BETWEEN THE CENTER OF THE POLE AND THE RIGHT-OF-WAY LINE SHALL BE 7.0 FEET .
- 3.) UNDERGROUND UTILITIES SHALL HAVE A MINIMUM OF 36.0 INCHES OF COVER.
- 4.) REFER TO THE APPLICABLE TYPICAL SECTION FOR ROADWAY AND RIGHT-OF-WAY WIDTHS.

LEGEND:
 HMA = HOT MIX ASPHALT
 H = HORIZONTAL
 V = VERTICAL
 R/W = RIGHT-OF-WAY
 MIN. = MINIMUM
 MAX. = MAX

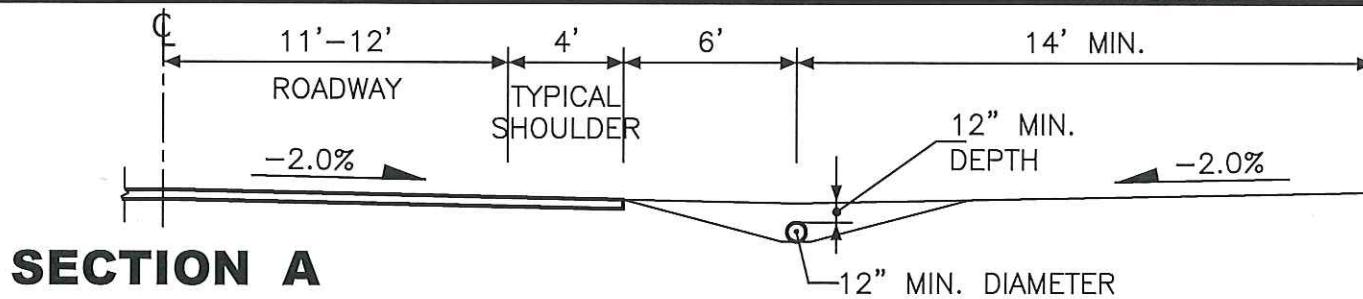


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			UTILITIES LOCATION	SCALE: NOT TO SCALE
URBAN AND RURAL TYPICAL SECTION				
			APPENDIX D-13	DATE: MARCH, 2017
DATE	REVISIONS	BY		



NOTE:

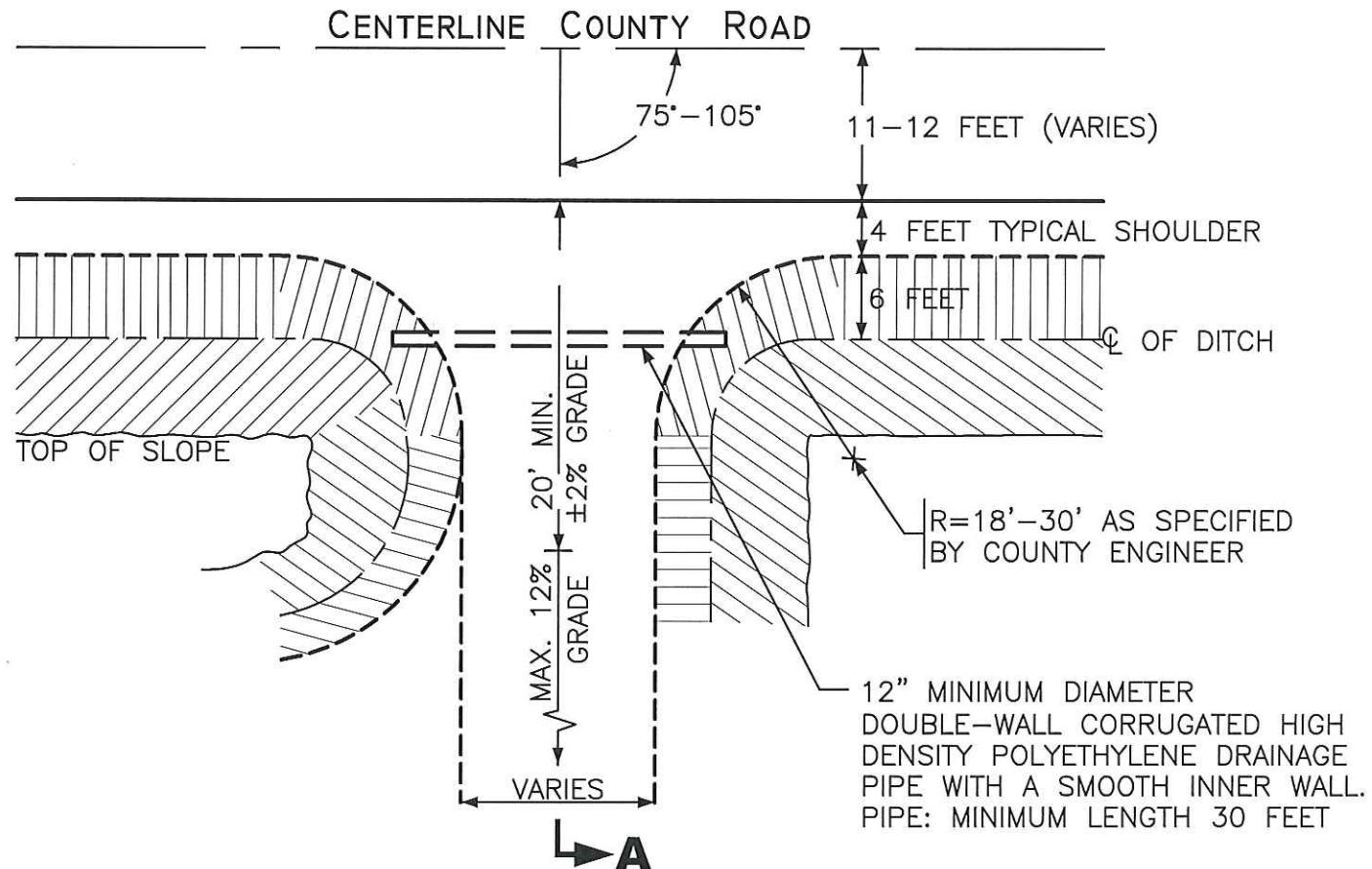
- 1.) FOR SPECIFIC ROADWAY WIDTH SEE ISLAND COUNTY CODE TITLE 11.
- 2.) ALL IMPROVEMENTS TO BE CONSTRUCTED ON APPLICANTS PARCEL/FRONTAGE WHICH IS SERVED BY APPROACH.
- 3.) BOTH ENDS OF CULVERT SHALL BE BEVELED TO MATCH EMBANKMENT SLOPE ON MAJOR ARTERIAL AND COLLECTOR ROADS.

LEGEND:

C = CENTERLINE
 R = RADIUS
 R/W = RIGHT-OF-WAY
 MIN. = MINIMUM



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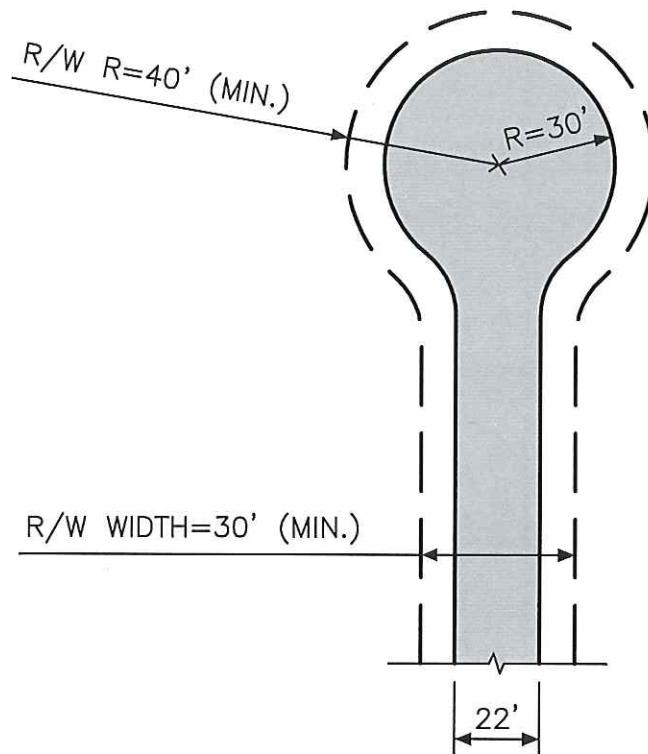
03/2017	REVISED PIPE DESCRIPTION.	PAS
DATE	REVISIONS	BY

TYPICAL SINGLE FAMILY RESIDENCE AND SHORT PLAT ROAD APPROACH

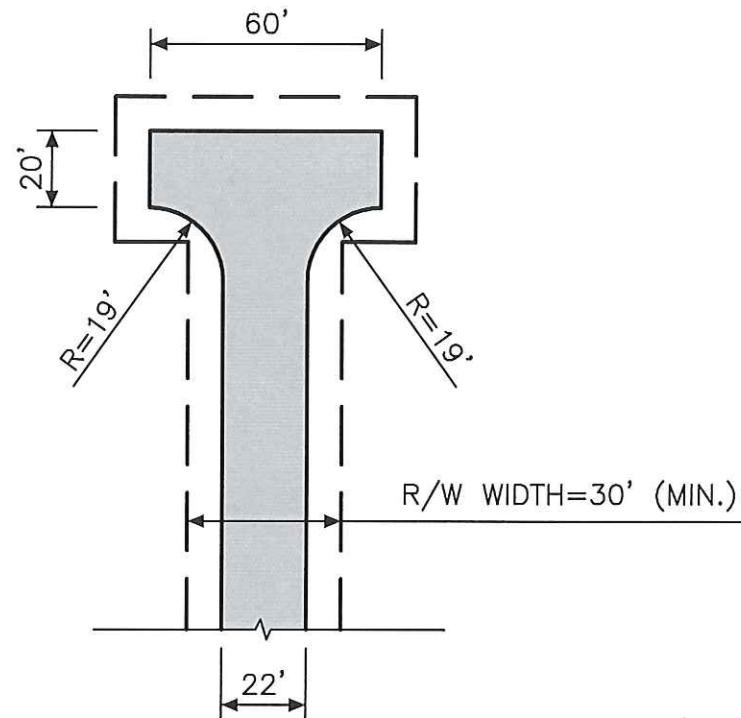
CROSS SECTION

APPENDIX D-14

SCALE: NOT TO SCALE
 SHEET 14 OF 15
 DATE: MARCH, 2017



CIRCULAR



T-Type

LEGEND:
 R = RADIUS
 R/W = RIGHT-OF-WAY
 MIN. = MINIMUM



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DATE	REVISIONS	BY

CUL-DE-SAC (CIRCULAR) AND
 DEAD-END ROAD (T-TYPE)

APPENDIX D-15

SCALE: NOT TO SCALE
SHEET 15 OF 15
DATE: MARCH, 2017