

REFERENCE THE FOLLOWING ODOT STANDARD DRAWINGS FOR CURBS, ISLANDS, SIDEWALKS, AND DRIVEWAYS

- RD700 CURBS
- RD701 DRAINAGE CURBS
- RD705 ISLANDS
- RD706 TRAFFIC SEPARATORS AND TRANSITIONS
- RD707 ISLAND NOSE TREATMENTS
- RD710 ACCESSIBLE ROUTE ISLANDS
- RD711 ACCESSIBLE ROUTE CHANNELIZED ISLANDS
- RD720 CURB LINE SIDEWALKS
- RD721 SEPARATED SIDEWALKS
- RD722 SIDEWALK JOINTS AND TRANSITION PANELS
- RD770 METAL HANDRAILS
- RD771 METAL HANDRAIL DETAILS
- RD780 ALUMINUM PEDESTRIAN FENCE (MASH, TL-2)
- RD781 ALUMINUM PEDESTRIAN FENCE UNIT DETAILS
- RD782 ALUMINUM PEDESTRIAN FENCE COMPONENTS DETAILS

<http://www.oregon.gov/ODOT/Engineering/Pages/Drawings-Roadway.aspx>

JACKSON COUNTY ROADS

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MIKE KUNTZ, P.E.  
COUNTY ENGINEER

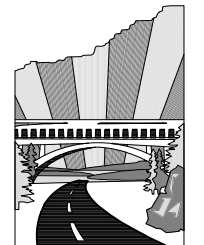
Date	By	Revision

JCRD700: ODOT  
DRAWINGS ROADWAY 700 - CURBS,  
ISLANDS, SIDEWALKS, AND DRIVEWAYS

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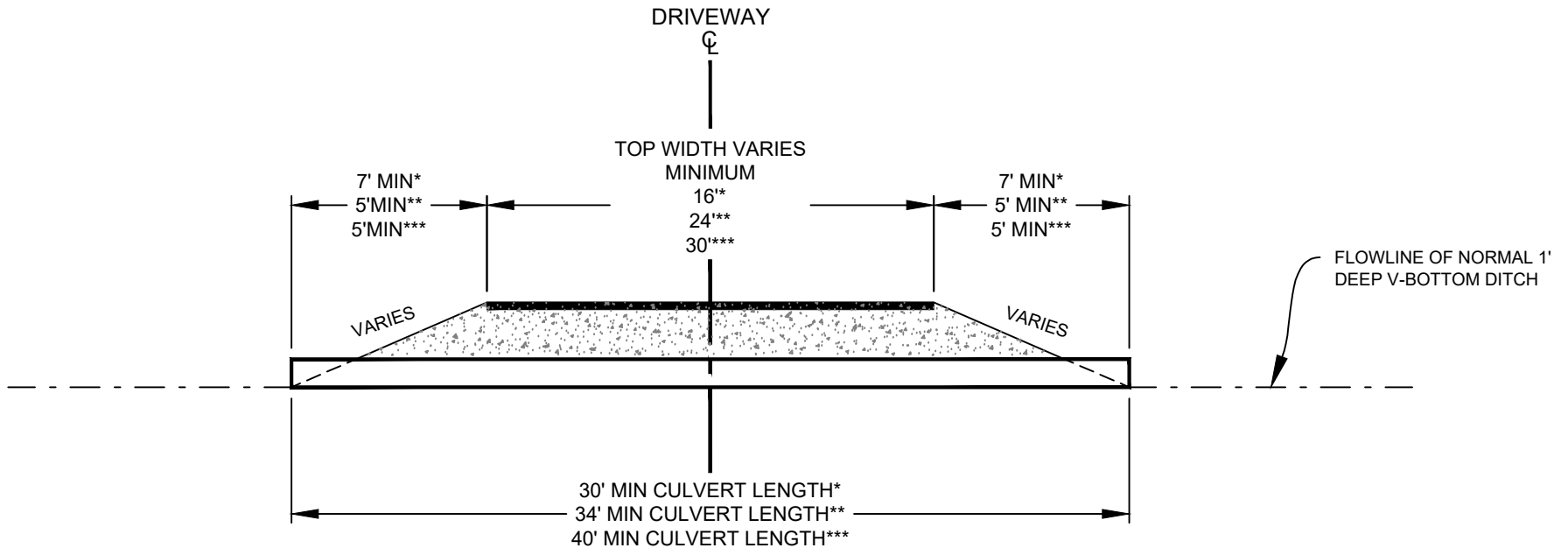
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JAN 2021 NO SCALE



JACKSON  
COUNTY

Roads



**TYPICAL  
DRIVEWAY CULVERT**

- \* RESIDENTIAL DRIVEWAY / FIELD ACCESS
- \*\* COMMERCIAL DRIVEWAY (26,000 LBS OR LESS TRUCKS)
- \*\*\* COMMERCIAL DRIVEWAY (26,001 LBS OR MORE TRUCKS)

**NOTE:**

1. LENGTHEN CULVERTS AS REQUIRED TO ACCOMMODATE DEEPER ROADSIDE DITCHES. CULVERTS MUST BE LONGER THAN MINIMUM LENGTH LISTED.
2. STANDARD CULVERT SIZE TO BE 12" DIAMETER. LARGER DIAMETER PIPE MAY BE REQUIRED FOR HIGHER FLOW.
3. USE 16 GAUGE CMP OR CLASS 3 CONCRETE PIPE FOR 12"-24" PIPE DIAMETERS. USE OF N-12 PLASTIC PIPE ALLOWED FOR 12"-24" PIPE DIAMETERS WITH ENGINEER OF RECORD APPROVAL, AND ADEQUATE COVER PER PIPE MANUFACTURER. PIPE DIAMETERS OVER 24" MUST BE REVIEWED AND APPROVED BY COUNTY ENGINEER.

**JACKSON COUNTY ROADS**

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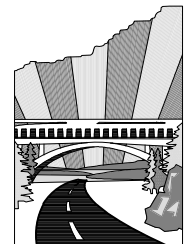
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**JCRD701:  
DRIVEWAY CULVERT**

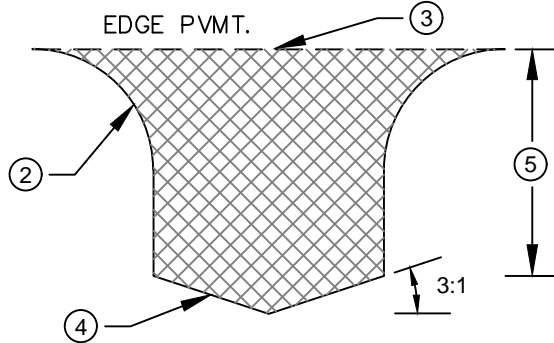
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# PAVED ROAD APPROACH DETAIL

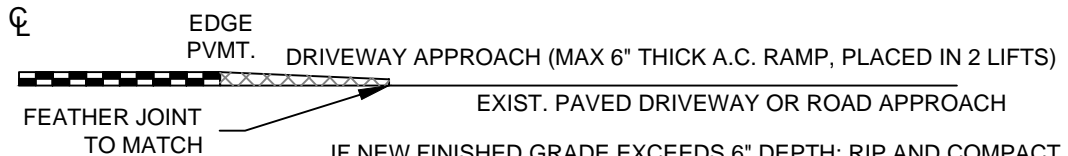
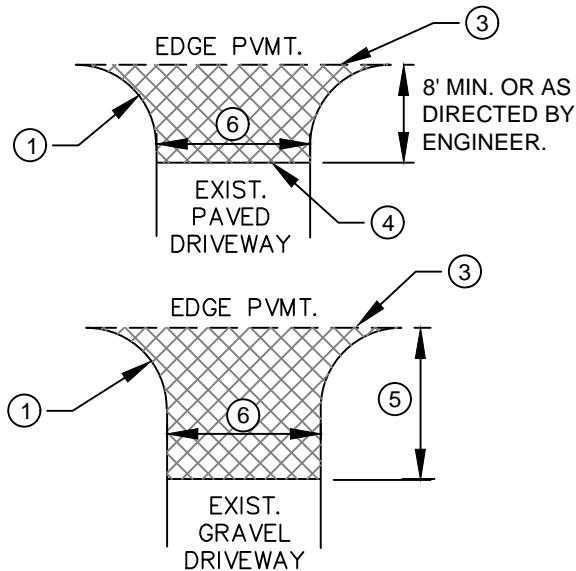


### NOTES:

- ① RADII SHALL MATCH EXISTING, OR AS DIRECTED BY ENGINEER. 8' MIN. ON DRIVEWAYS.
- ② AS DIRECTED BY ENGINEER OR SHOWN ON PLANS.
- ③ TACK EDGES OF EXISTING PAVEMENT OR CONCRETE. SAND SEAL EDGE OF PAVEMENT JOINT AS DIRECTED BY ENGINEER.
- ④ TACK EXISTING PAVEMENT. SAND SEAL BUTT JOINT/ FEATHER JOINT AS DIRECTED BY ENGINEER.
- ⑤ DRIVEWAY/ROAD APPROACHES ON COLLECTOR AND ARTERIAL COUNTY ROADS AND ALL COMMERCIAL DRIVEWAY/ROAD APPROACHES REGARDLESS OF ROAD CLASSIFICATION SHALL BE PAVED 15 FEET OR TO THE RIGHT-OF-WAY, WHICHEVER IS GREATER, EXCEPTING THOSE APPROACHES THAT ABUT UNPAVED COUNTY ROADS.
- ⑥ SEE JCRD701 FOR MINIMUM TOP WIDTH.

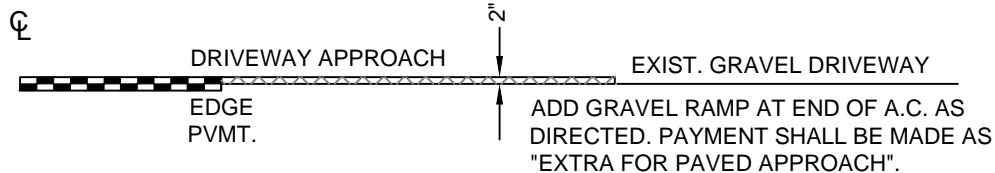
# NEW PAVED DRIVEWAY APPROACH DETAILS

## TYPICAL PROFILE VIEW



**DRIVEWAYS**  
 MAX 10% GRADE WITHIN R/W  
 MAX 15% GRADE OUTSIDE R/W  
 MAX 5% GRADE DIFFERENCE

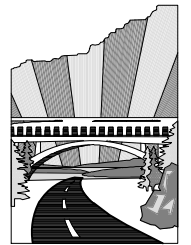
IF NEW FINISHED GRADE EXCEEDS 6" DEPTH: RIP AND COMPACT EXISTING DRIVEWAY PAVEMENT, PLACE AND COMPACT BASE ROCK TO 2" BELOW FINISHED GRADE AND PAVE APPROACH (AS DIRECTED BY ENGINEER). PAYMENT SHALL BE MADE FOR "RECONSTRUCT PAVED APPROACH".



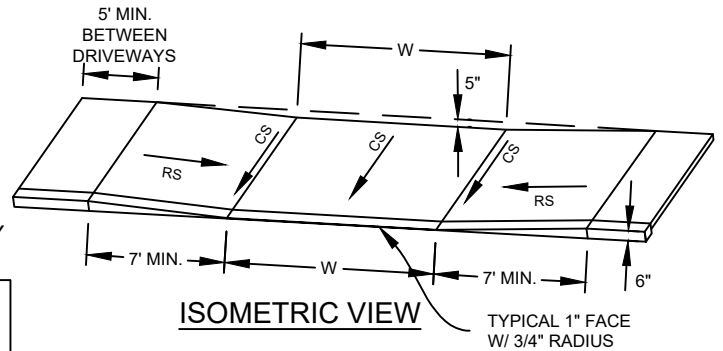
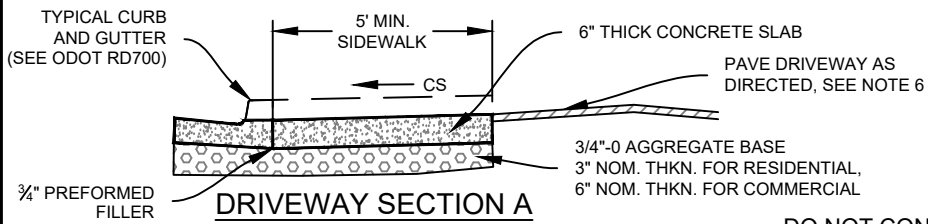
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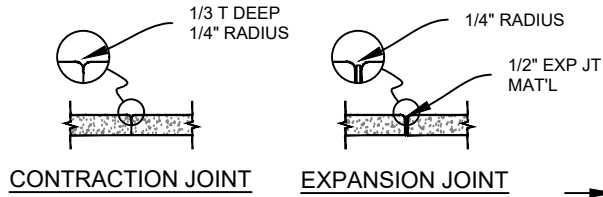
JCRD702:  
 ROAD AND DRIVEWAY APPROACHES  
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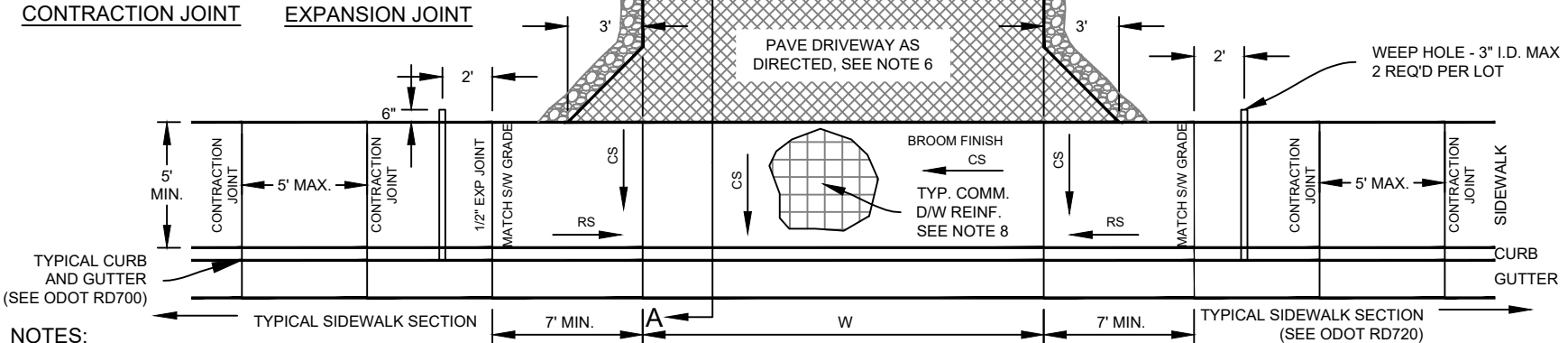


**DO NOT CONSTRUCT DRIVEWAY UNTIL APRON IS APPROVED.**



**DRIVEWAYS**  
 MAX 10% GRADE WITHIN R/W  
 MAX 15% GRADE OUTSIDE R/W  
 MAX 5% GRADE DIFFERENCE

**ISOMETRIC VIEW**



**NOTES:**

1. ALL CONCRETE SHALL BE CLASS 3300 - 3/4", 4-6% ENTRAINED AIR.
2. PROVIDE CONTRACTION JOINTS TO MATCH JOINTS IN CURB & GUTTER; 5' MAX SPACING AND AT ENDS OF EACH INLET AND RAMP.
3. PROVIDE EXPANSION JOINTS TO MATCH JOINTS IN CURB & GUTTER; 50' MAX SPACING, AT POINTS OF TANGENCY AND AT END OF EACH DRIVEWAY.
4. INSTALL EXPANSION JOINT FELT WHERE EXISTING AND NEW CONCRETE JOIN.
5. ALL STEEL REINFORCING TO BE ASTM A615.
6. CONST. DRIVEWAY CONNECTION TO MATCH EXISTING SURFACE WHERE SHOWN ON PLANS, EITHER 6" THICK CONCRETE (3300 PSI) OVER 2" MIN. AGGR. BASE PAD, OR 6" OF 3/4"-0 CRUSHED ROCK, FOR GRAVEL SURFACE OR 2" MIN. AC PAVING (MATCH EX SECTION) OVER 3" MIN. AGGR. BASE PAD FOR EXISTING PAVED APPROACHES.
7. IF DWY IS LESS THAN 15' WIDE, DO NOT PLACE EXPANSION JOINT AT CENTER.
8. COMMERCIAL DRIVEWAY REINFORCEMENT: #3 @ 6" CTRS E.W. OR #4 @ 12" CTRS E.W. (CURB AND GUTTER MONOLITHIC WITH DRIVEWAY).

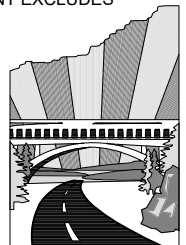
**PLAN VIEW**

W = DRIVEWAY WIDTH: 16' MIN., 30' MIN. FOR DRIVEWAYS USED BY TRUCK/TRAILER COMBINATIONS

CS = CROSS SLOPE: 1.5% MAX.  
 (MAX. 2.0% FINISHED SURFACE SLOPE)  
 (NORMAL SIDEWALK CROSS SLOPE)

RS = RUNNING SLOPE: 7.5% MAX.  
 (8.3% FINISHED SURFACE SLOPE)  
 (RAMP LENGTH 15' MAX., MEASURED ALONG FINISHED SURFACE SLOPE)

COMMERCIAL DWY. APRON MEASUREMENT INCLUDES MONOLITHIC CURB & GUTTER STANDARD DWY APRON MEASUREMENT EXCLUDES CURB & GUTTER



**JACKSON COUNTY ROADS**

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**MIKE KUNTZ, P.E.**  
 COUNTY ENGINEER

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**JCRD703:**  
**TYPICAL DRIVEWAY**

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**JAN 2021** **NO SCALE**

