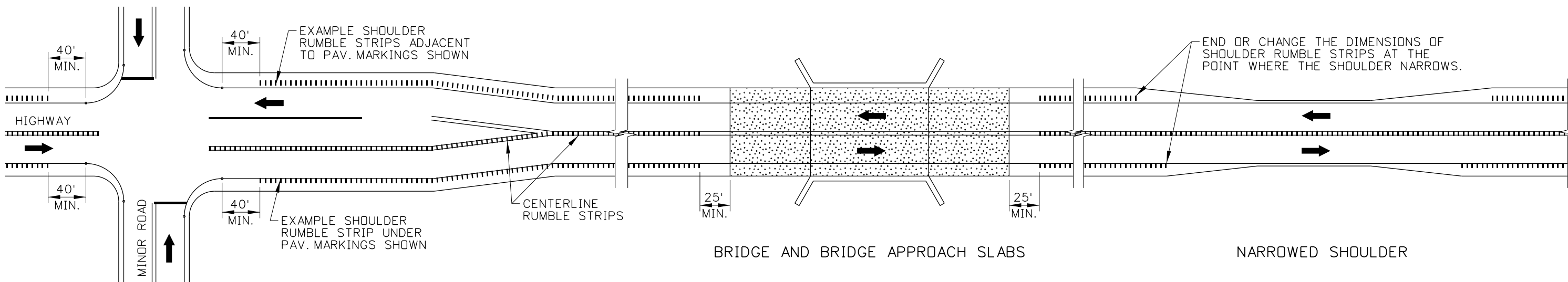
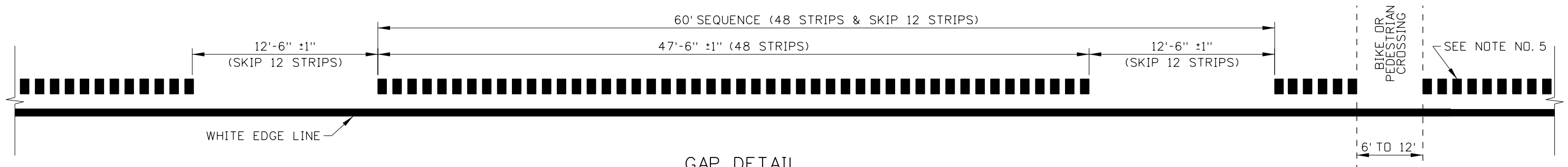


DIVIDED HIGHWAY



TWO-LANE HIGHWAY



GAP DETAIL
(SEE NOTE NOS. 2, 3, & 5)

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	09-02	HEB						
2	12-04	MSM						
3	09-11	JDA						
4	04-14	RDL						
5	01-17	RDL						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 631-1_0517.dgn
DRAWING DATE: NOVEMBER, 2000

IDAHO TRANSPORTATION DEPARTMENT



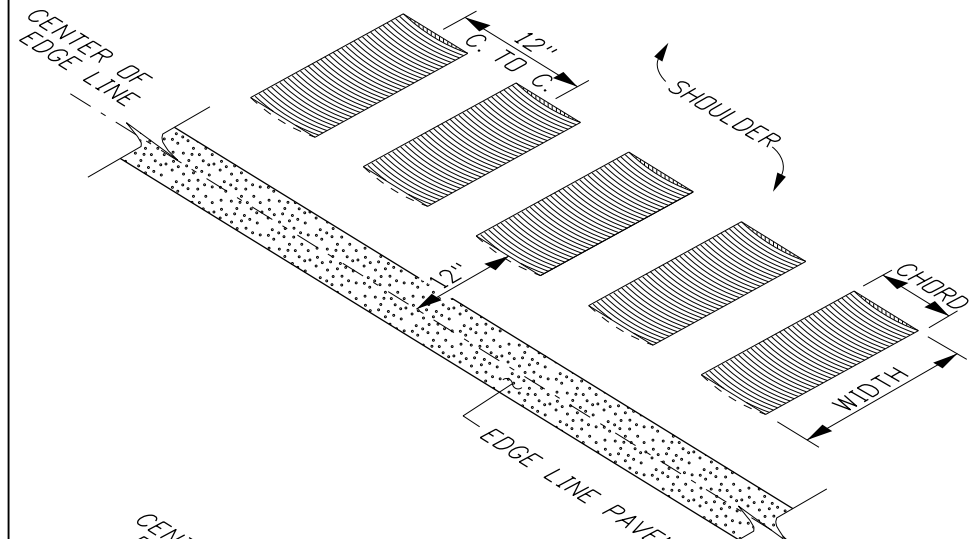
BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

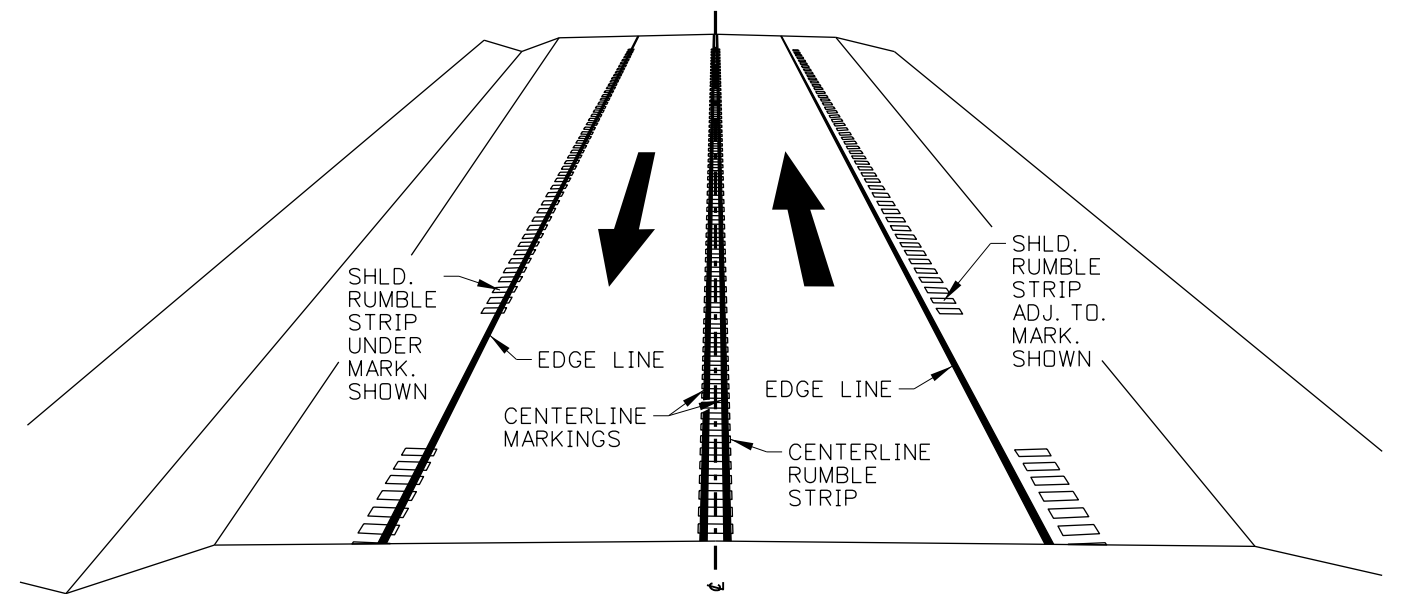
STANDARD DRAWING
RUMBLE STRIPS
REQUIRES SHEET 2 OF 2

English
STANDARD DRAWING NO.
631-1
SHEET 1 OF 2

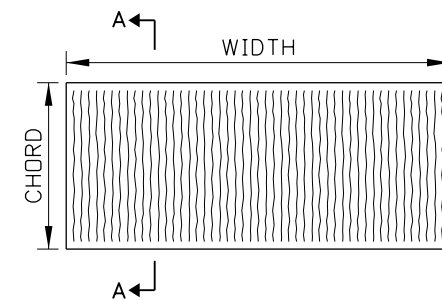
ORIGINAL SIGNED BY:
RYAN D. LANCASTER
DATE ORIGINAL SIGNED:
JUNE 5, 2017



SHOULDER RUMBLE STRIP
ADJACENT TO PAVEMENT MARKINGS



EXAMPLE TWO-LANE HIGHWAY

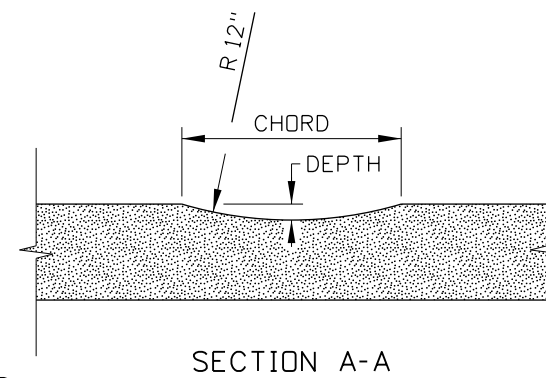


RUMBLE STRIP DETAIL

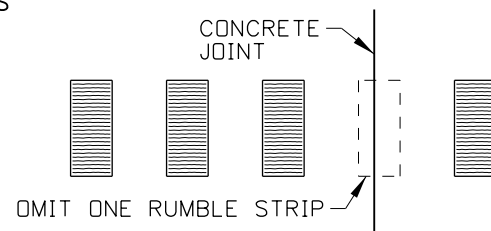
	RUMBLE STRIP DIMENSION TABLE						
	SHOULDER WIDTH	ADJ. TO PAV. MARKINGS WIDTH	DEPTH	CHORD	UNDER PAV. MARKINGS WIDTH	DEPTH	CHORD
SHOULDER RUMBLE STRIPS	2' TO <4'	N/A	N/A	N/A	6"	3/8" TYP. 1/2" MAX.	±6"
	4' TO 8'	12"	1/2" TYP. 5/8" MAX.	±7"	12"	3/8" TYP. 1/2" MAX.	±6"
	>8'	16"	1/2" TYP. 5/8" MAX.	±7"	16"	3/8" TYP. 1/2" MAX.	±6"
CENTERLINE RUMBLE STRIPS	N/A	N/A	N/A	N/A	12"	1/2" TYP. 5/8" MAX.	±7"

NOTES

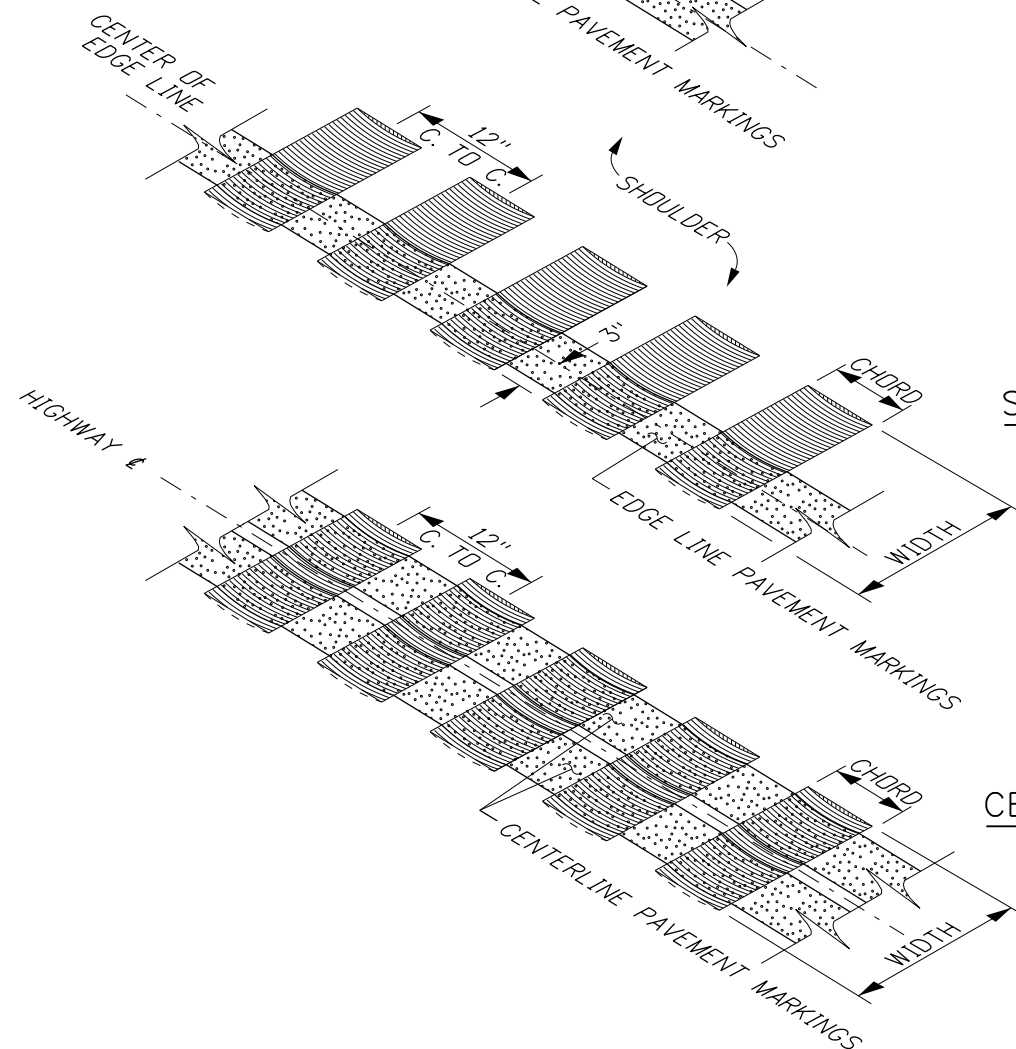
1. CONSTRUCT RUMBLE STRIPS AS SHOWN ON THE PROJECT PLANS AND IN THE RUMBLE STRIP DIMENSION TABLE.
2. PROVIDE CONTINUOUS RUMBLE STRIPS ON THE LEFT SHOULDER (ADJACENT TO OR UNDER THE YELLOW EDGE LINE) OF DIVIDED HIGHWAYS. PROVIDE PERIODIC GAPS ON RIGHT SHOULDERS (ADJACENT TO OR UNDER WHITE EDGE LINE) TO ACCOMMODATE BICYCLE CROSSING OF THE RUMBLE STRIP PATTERN.
3. IN AREAS WHERE BICYCLISTS OR PEDESTRIANS ARE EXPECTED TO CROSS THE RUMBLE STRIP, PROVIDE A 6 FOOT TO 12 FOOT GAP.
4. OMIT RUMBLE STRIPS ON LONGITUDINAL AND LATERAL CONCRETE PAVEMENT JOINTS. OMIT RUMBLE STRIPS ON BRIDGES AND BRIDGE APPROACH SLABS. RUMBLE STRIPS ARE NOT NORMALLY OMITTED AT PRIVATE APPROACHES.
5. RESTART THE RUMBLE STRIP AND GAP PATTERN IF THE PATTERN IS INTERRUPTED.
6. CLEAN THE RUMBLE STRIPS AND APPLY CSS-1 EMULSIFIED ASPHALT AT THE RATE OF 0.08 GAL/SY TO THE RUMBLE STRIPS.
7. DRAWING NOT TO SCALE.



SECTION A-A



CONCRETE PAVEMENT JOINT DETAIL
(SEE NOTE NO. 4)



SHOULDER RUMBLE STRIP
UNDER PAVEMENT MARKINGS

CENTERLINE RUMBLE STRIP
UNDER PAVEMENT MARKINGS

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	09-02	HEB						
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BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
RUMBLE STRIPS
REQUIRES SHEET 1 OF 2

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

English
STANDARD DRAWING NO.
631-1
SHEET 2 OF 2

ORIGINAL SIGNED BY:
RYAN D. LANCASTER
DATE JUNE 5, 2017