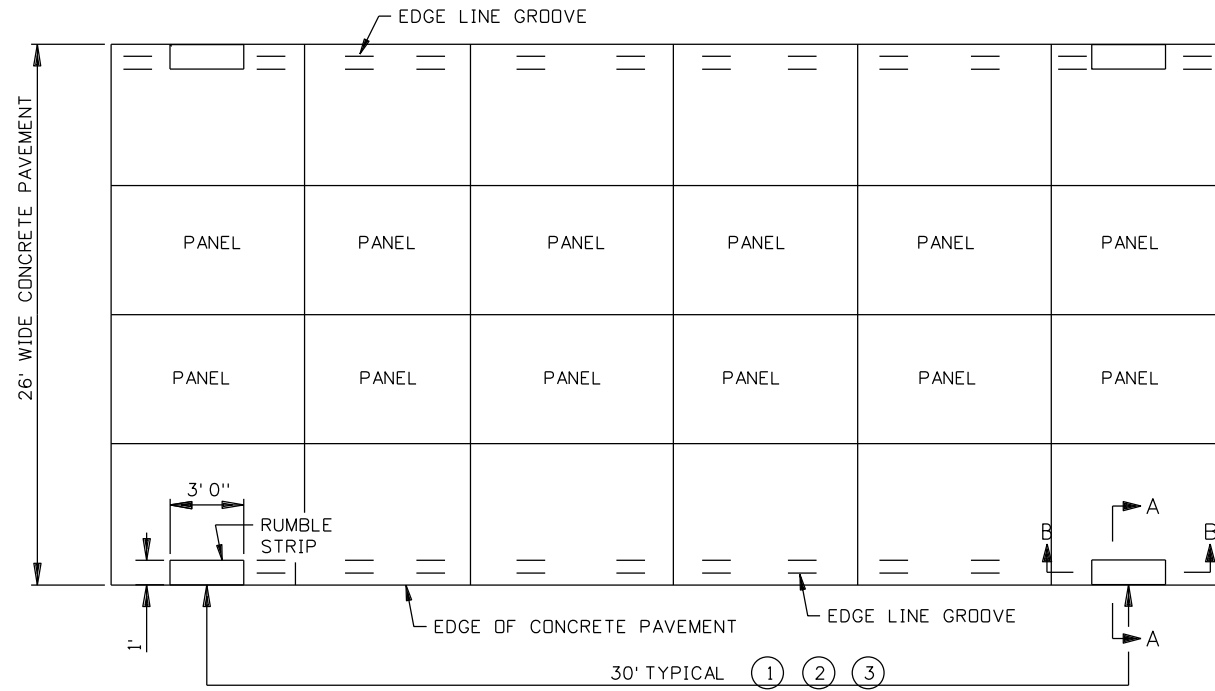
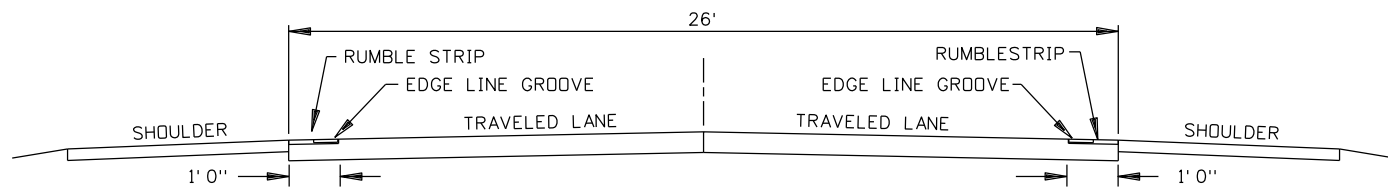


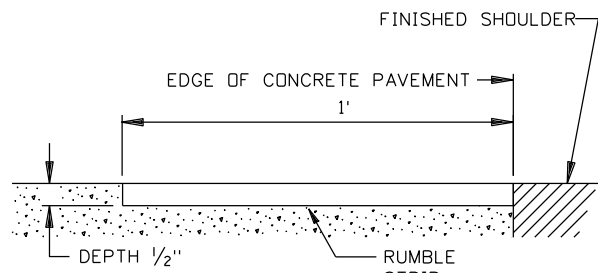
RUMBLE STRIP - DETAIL



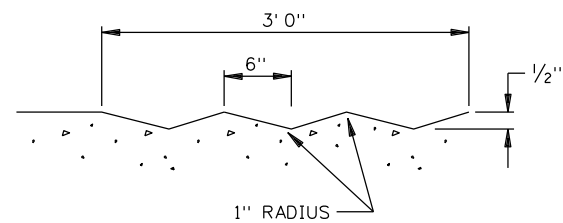
PLAN VIEW



SECTION VIEW OF ROADWAY



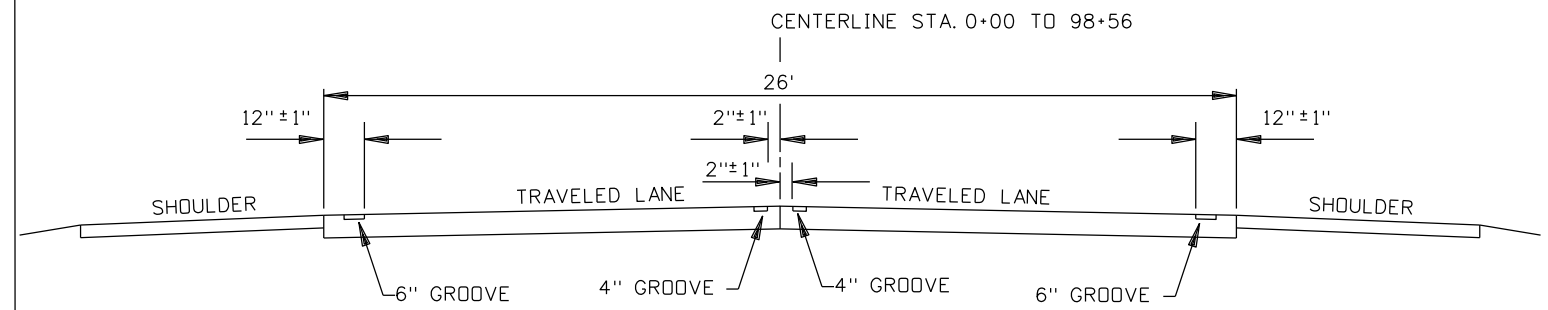
SECTION A-A



SECTION B - B

- ① RUMBLE STRIPS SHALL BE OMITTED ON BOTH SIDES OF THE ROADWAY APPROXIMATELY 200' ON EACH SIDE OF RESIDENTIAL ENTRANCES.
- ② RUMBLE STRIPS SHALL BE OMITTED AT ALL CROSSROADS.
- ③ RUMBLE STRIPS SHALL BE FORMED INTO THE PAVEMENT AT 30' INTERVALS, BUT NOT PLACED ON ANY SAWED TRANSVERSE JOINTS.

GROOVED PAINT STRIPE DETAIL



- 1. GROOVED PAINT AREA SHALL BE A MINIMUM OF 0.10 INCH TO A MAXIMUM OF 0.20 INCH IN DEPTH.
- 2. CONTRACTOR HAS THE OPTION OF GRINDING THE CONCRETE SURFACE OR FORMING A GROOVE IN THE FINISHING OPERATIONS.
- 3. THE CONTRACTOR SHALL BE REQUIRED TO SUSPEND OPERATIONS AND MAKE ADJUSTMENTS WHEN THE GROOVE DEPTH MEASURES GREATER THAN THE MAXIMUM TOLERANCE OF 0.20 INCH.
- 4. IF CONTRACTOR CHOOSES TO INSTALL A FORMED GROOVE, GROOVES SHALLower THAN 0.10 INCH SHALL BE GROUND TO AN ACCEPTABLE DEPTH. DEPTH MEASUREMENT OF GROOVES FOR ACCEPTANCE SHALL BE MADE AFTER THE CONCRETE PAVEMENT HAS CURED.
- 5. STRIPING GROOVES INSTALLED OUTSIDE THE SPECIFIED HORIZONTAL TOLERANCE SHALL BE CORRECTED BY GRINDING. THE CONTRACTOR SHALL SUSPEND OPERATIONS AND MAKE ADJUSTMENTS IF NOT ABLE TO STAY WITHIN HORIZONTAL TOLERANCE.

NO	DATE	BY	CKD	APPR	REVISION

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota

Chad Hays

Date 2/27/2012 Reg. No. 40890



McLEOD COUNTY
HIGHWAY DEPARTMENT

S.P.
C.P.
S.A.P. 43-602-27

CSAH 2	SHEET 14 OF 17
CONCRETE DETAIL	