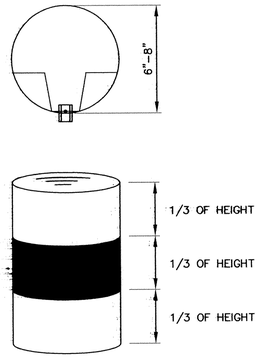
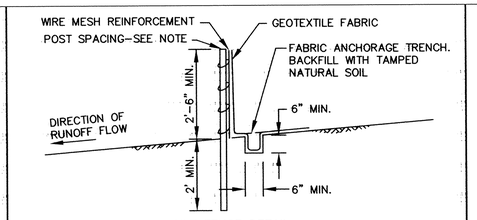
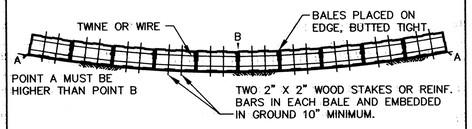


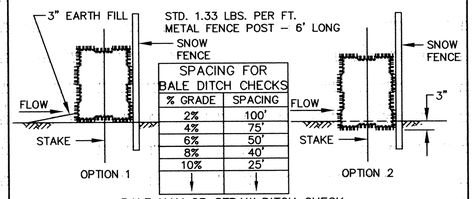
CYLINDER MOUNTING DETAIL



SILT FENCE DETAIL

NOTE:
1. SILT FENCES CONSTRUCTED WITH SUPPORT FENCES, POSTS SHALL BE SPACED AT 10' OR LESS, AND DRIVEN AT LEAST 2' INTO THE GROUND.
2. SILT FENCES CONSTRUCTED WITHOUT SUPPORT FENCES, POST SHALL BE SPACED AT 4' OR LESS, AND DRIVEN AT LEAST 3' INTO THE GROUND.



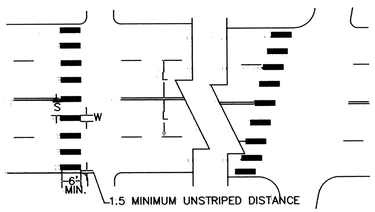


BALE HAY OR STRAW DITCH CHECK

TO BE USED WITH SNOW FENCE AT LOCATIONS AS SHOWN ON PLAN SHEETS. ALSO TO BE USED WITH OR WITHOUT SNOW FENCE AT OTHER LOCATIONS AS DIRECTED BY THE ENGINEER.

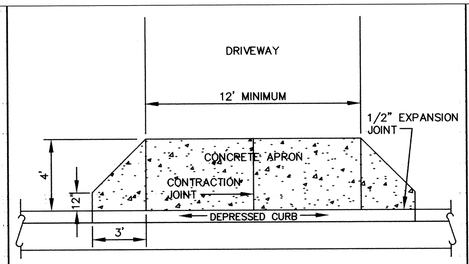
EROSION CONTROL DETAIL

(L) WIDTH OF INSIDE LANE	(W) WIDTH OF PAINTED AREA	(S) WIDTH OF SPACE
9'	2.0'	2.5'
10'	2.5'	2.5'
11'	2.5'	3.0'
12'	3.0'	3.0'
13'	3.0'	3.5'

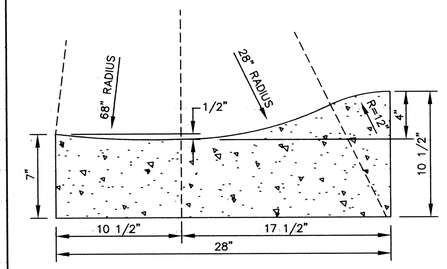


NOTES:
1. PAINTED AREAS TO BE CENTERED ON CENTERLINE AND LANE LINES.
2. A MINIMUM OF 1.5 FT. CLEAR DISTANCE SHALL BE LEFT ADJACENT TO THE CURB. IF LAST PAINTED AREA FALLS INTO THIS DISTANCE IT MUST BE OMITTED.
3. ON TWO LANE TWO WAY STREETS, USE SPACING SHOWN FOR AN 11 FT. INSIDE LANE.
4. FOR DIVIDED ROADWAYS, ADJUSTMENTS IN SPACING OF THE BLOCKS SHOULD BE MADE IN THE MEDIAN SO THAT THE BLOCKS ARE MAINTAINED IN THEIR PROPER LOCATION ACROSS THE TRAVELED PORTION OF THE ROADWAY.
5. AT SKEWED CROSSWALKS, THE BLOCKS ARE TO REMAIN PARALLEL TO THE LANE LINES AS SHOWN.

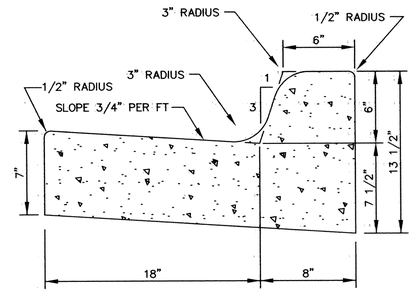
MARKINGS FOR PEDESTRIAN CROSSWALKS



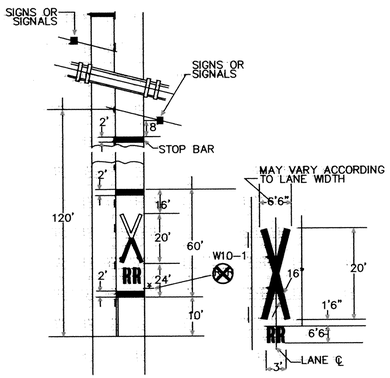
DEPRESSED CURB WITH DRIVEWAY APRON



SURMOUNTABLE CONCRETE CURB AND GUTTER

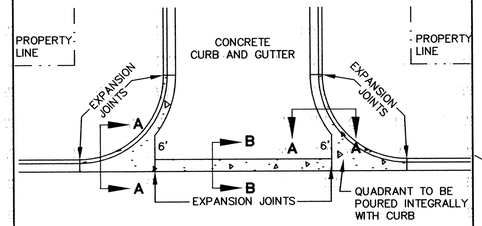


CONCRETE CURB AND GUTTER B618

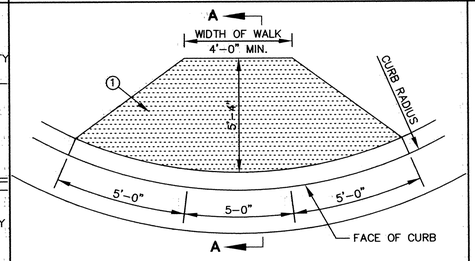


NOTES:
1. THE DISTANCE FROM THE RAILROAD CROSSING MARKING TO THE NEAREST TRACK WILL VARY ACCORDING TO THE APPROACH SPEED AND SIGHT DISTANCE OF THE VEHICULAR TRAFFIC APPROACHING, BUT SHOULD NOT BE LESS THAN 50 FEET.
2. ON MULTI–LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.
3. THE STOP LINE MAY BE PARALLEL TO AND 15 FEET FROM THE TRACKS WHERE THERE ARE RAILROAD CROSSBUCK SIGNS.
4. ALL MARKINGS SHOULD BE POLY PREFORMED MATERIALS–SEE SPECIAL PROVISIONS.
5. FROM MNMUTCD.

MARKINGS FOR RAILROAD CROSSINGS



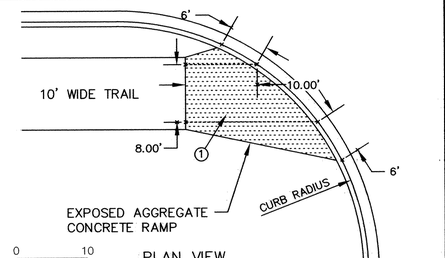
CONCRETE "V" GUTTER



① SURFACE TREATMENT – AFTER NORMAL CONCRETE FINISHING, THE CONCRETE SHALL BE LIGHTLY RINSED TO EXPOSE AGGREGATE. THE EXPOSED AGGREGATE SHALL PROTRUDE AT LEAST 3/16" ABOVE THE CONCRETE SURFACE.

② PEDESTRAIN RAMPS SHALL BE 6" THICK.

PEDESTRIAN CURB RAMPS FOR SIDEWALKS



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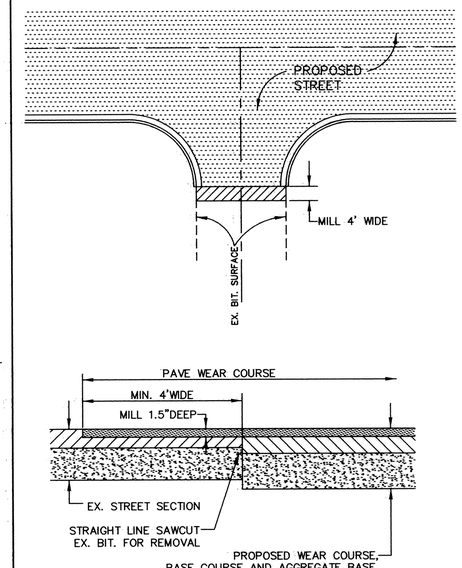
PEDESTRIAN CURB RAMPS FOR TRAILS



MATCH EXISTING BITUMINUOUS SURFACING

DESIGNED BY: KT DRAWN BY: EY
APPROVED BY: – JOB NUMBER 816600J
CAD DATE: January 18, 2005 2:50:39 p.m.
CAD FILE: 816600j\ASBUILT\MISC\816600–D3.DWG (JC JINNIN)

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.
DATE _____ REG.NO. _____

NO.	DATE	BY	REVISION DESCRIPTION

1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(651) 644–4389
Howard R. Green Company
CONSULTING ENGINEERS

MAIN STREET/U.S. HIGHWAY NO. 10
CITY OF ELK RIVER

S.P. 204–113–12

STREET CONTRUCTION DETAILS

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