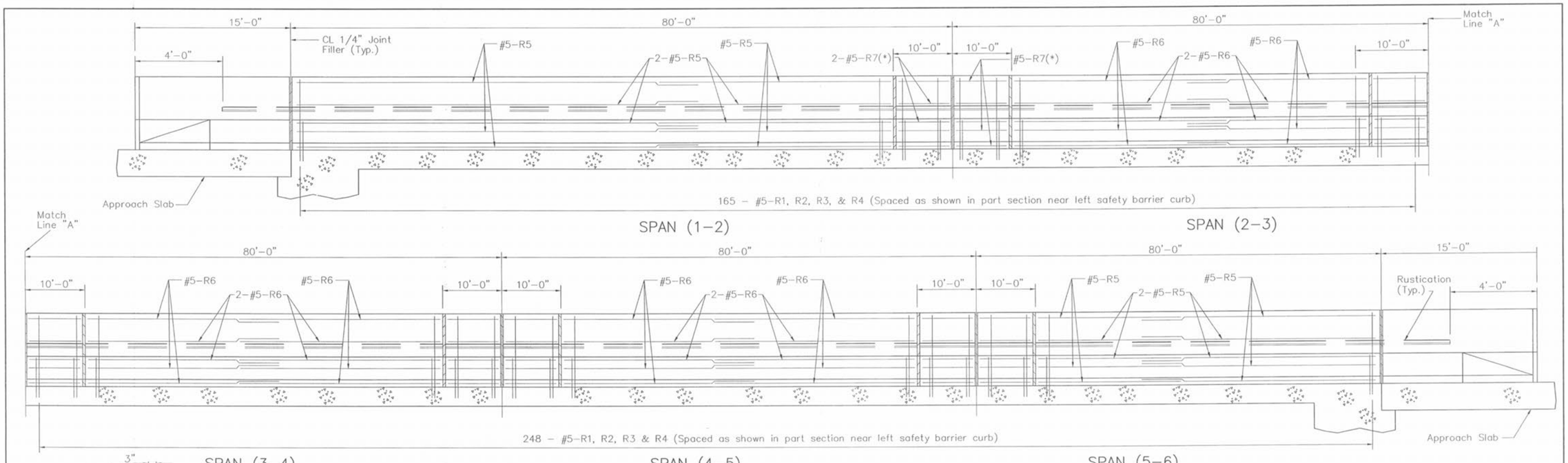
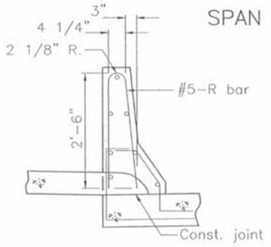


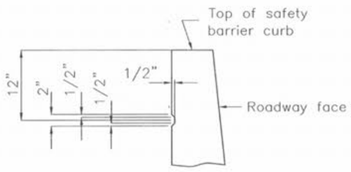
SECTION NEAR LEFT SAFETY BARRIER CURB
(RIGHT BARRIER CURB SIMILAR)



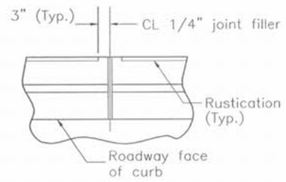
R-BAR PERMISSIBLE ALTERNATE SHAPE

The R1 and R2 bar combination may be furnished as one bar, as shown, at the contractor's option. The R3 and S5 bar combination may be furnished as one bar, as shown, at the contractor's option.

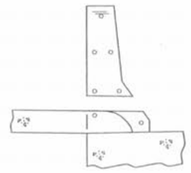
(All dimensions are out to out.)



PART SECTION SHOWING RUSTICATION DETAILS

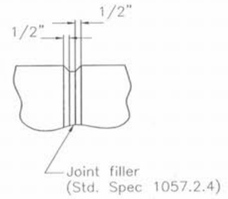


PART PLAN SHOWING SAFETY BARRIER CURB JOINT



BLOCKOUT DETAIL

Note: Install 3" high x 7" Wide blockout through Safety Barrier Curb at 30' Intervals, beginning 5' from construction joints, to provide drainage for Sidewalk. (Spacing may be adjusted to provide clearance to reinforcing)



FILLED JOINT DETAIL

(*) Typical reinforcement for 10'-0" barrier curb sections.

(**) Minor adjustments may be required for location of horizontal "R" Bars, to provide for clearance to cantilevered sidewalk

ENGINEER'S AUTHENTICATION: The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature and date hereto attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date, unless reauthenticated.

NOTE:

Top of safety barrier curb shall be built parallel to grade with safety barrier curb joints (except at end bents) normal to grade.

All exposed edges of safety barrier curb shall have either ½" radius or 3/8" bevel, unless otherwise noted.

When the safety barrier curb is bid by linear feet, the contract unit price shall include the cost of all concrete and reinforcement, complete in place.

Concrete in the safety barrier curb shall be Class B1.

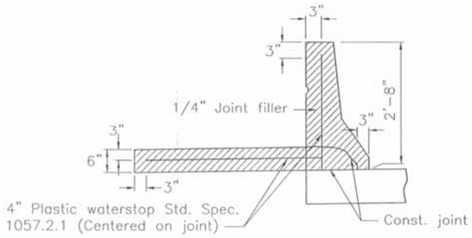
Measurement of safety barrier curb is to the nearest linear foot for each structure, measured along the outside top of slab from end of curb to end of curb.

Longitudinal dimensions shown are horizontal.

See Sheet No. 27 for details of Safety Barrier Curbs at End Bents.

See Sheet No. 28 for details of Optional Slip-Form Bridge Safety Barrier Curb.

CITY OF O'FALLON PROJECT #210-005

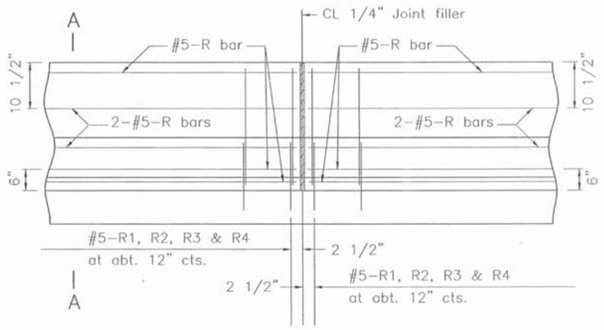


NOTE:

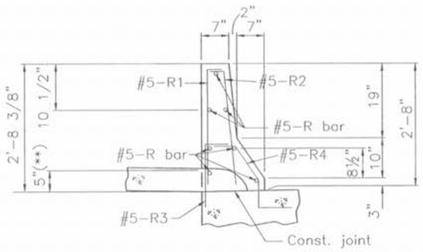
Plastic waterstop shall be placed in all safety barrier curb filled joints.

Cost of plastic waterstop complete in place to be included in the contract unit price for Safety Barrier Curb.

DETAILS OF PLASTIC WATERSTOP



PART SECTION NEAR LEFT SAFETY BARRIER CURB (CAST-IN-PLACE CONVENTIONAL FORMING OPTION)



PART SECTION A-A

Note: Use a minimum lap of 2'-11" for #5 horizontal safety barrier curb bars.

The cross-sectional area above the slab = 2.28 sq. ft.

SHANNON J. HOWE NUMBER E-2000162117 REGISTERED PROFESSIONAL ENGINEER STATE OF MISSOURI
10-28-2003

NOTE: This drawing is not to scale. Follow dimensions.

SAFETY BARRIER CURB

SKW SHAFER, KLINE & WARREN, INC. SKW	107 BUTLER ST.	P.O. BOX 366	MACON, MO. 63552	660-385-6441	CITY OF O'FALLON	T.R. HUGHES BLVD.	SHEET 27 OF 35	200846