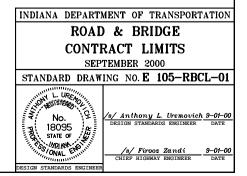
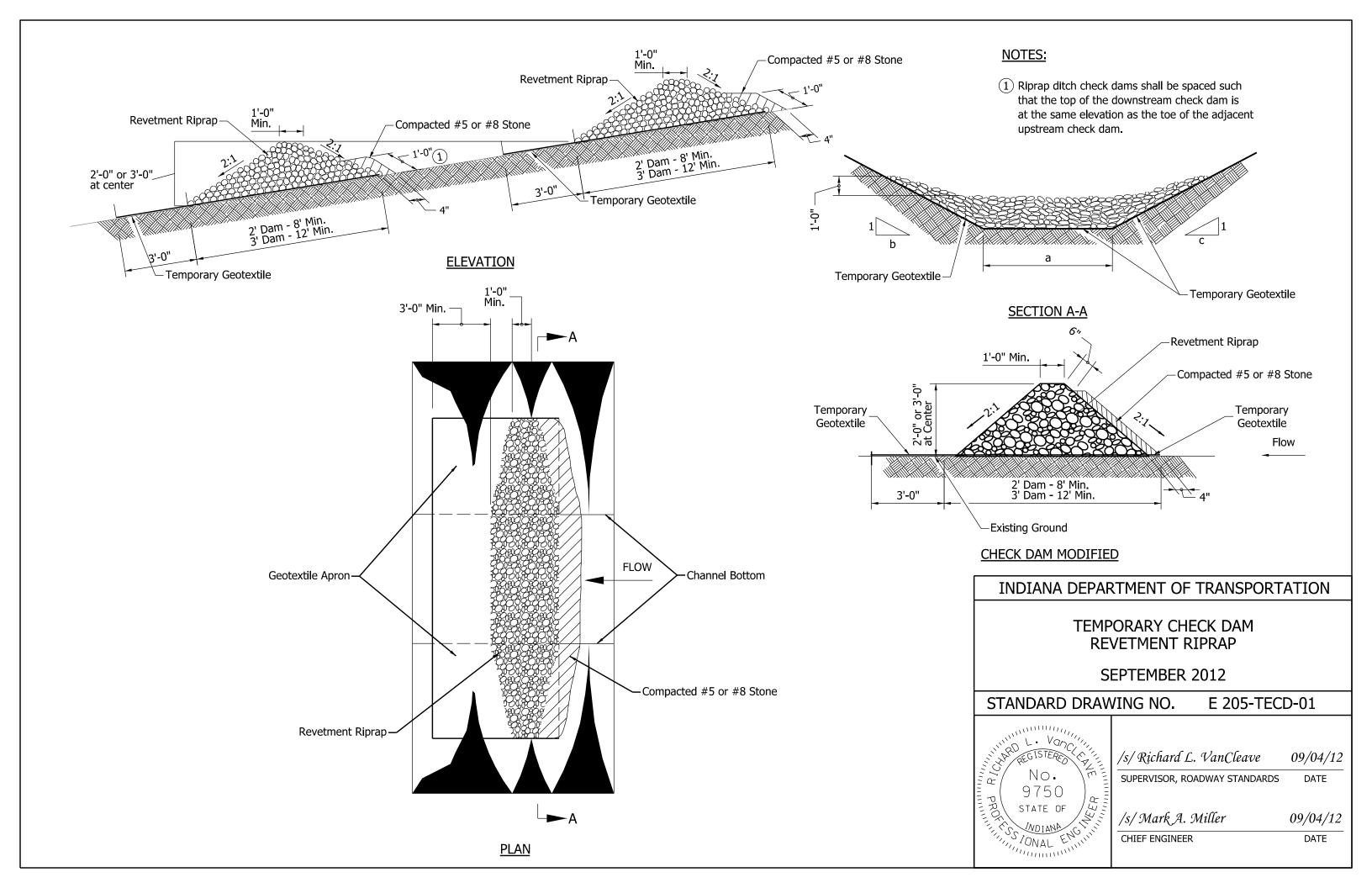
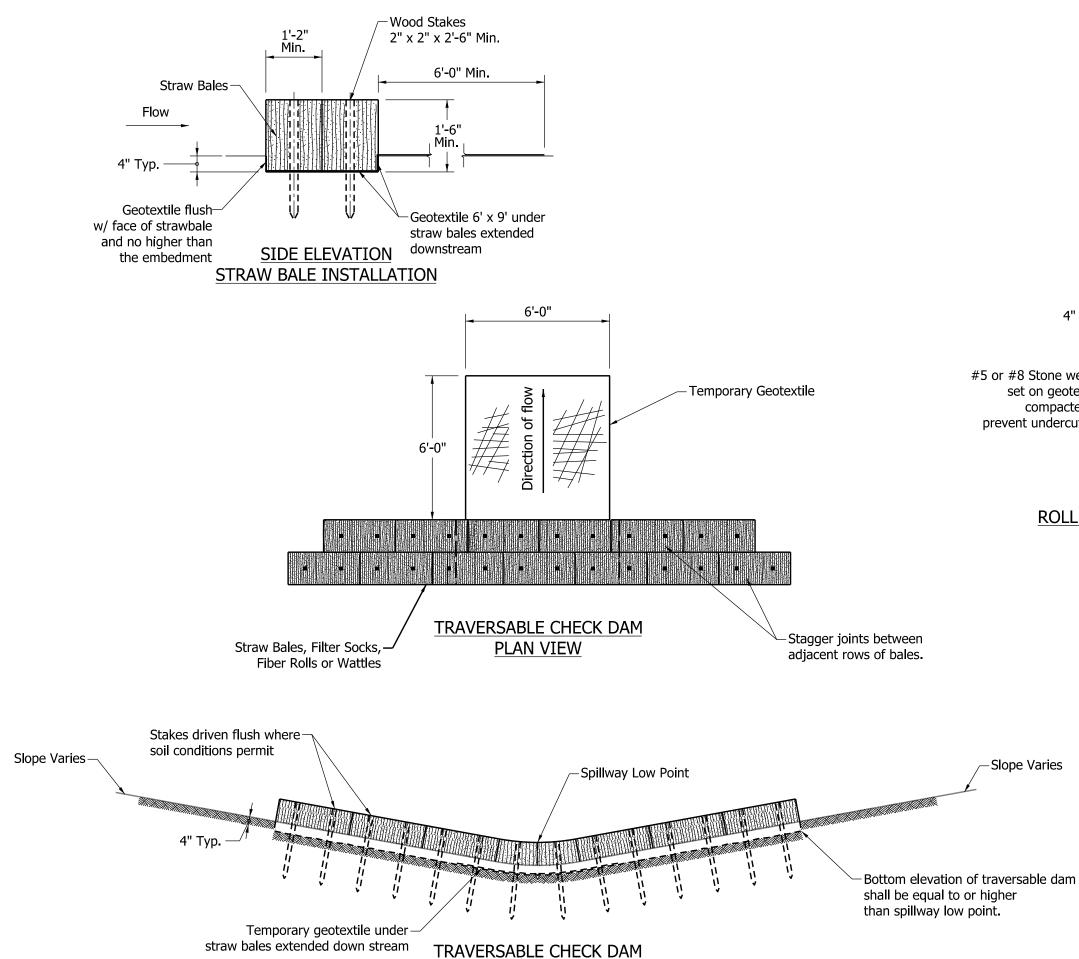


METHOD FOR DETERMINING QUANTITIES WITHIN STRUCTURE LIMITS



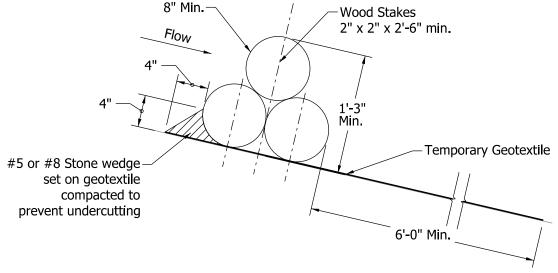




FRONT ELEVATION

NOTES:

1. Ditch check dams shall be spaced such that the top of the downstream check dam is at the same elevation as the toe of the adjacent upstream check dam.



SIDE ELEVATION ROLLED EROSION CONTROL PRODUCT OPTION

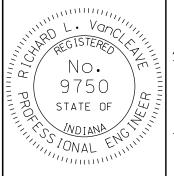
Stacking Method: Filter Socks, Fiber Rolls or Wattle Installation

INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY CHECK DAM, TRAVERSABLE FOR CLEAR ZONE

SEPTEMBER 2012

STANDARD DRAWING NO. E-205-TECD-02



/s/Richard L. VanCleave

SUPERVISOR, ROADWAY STANDARDS

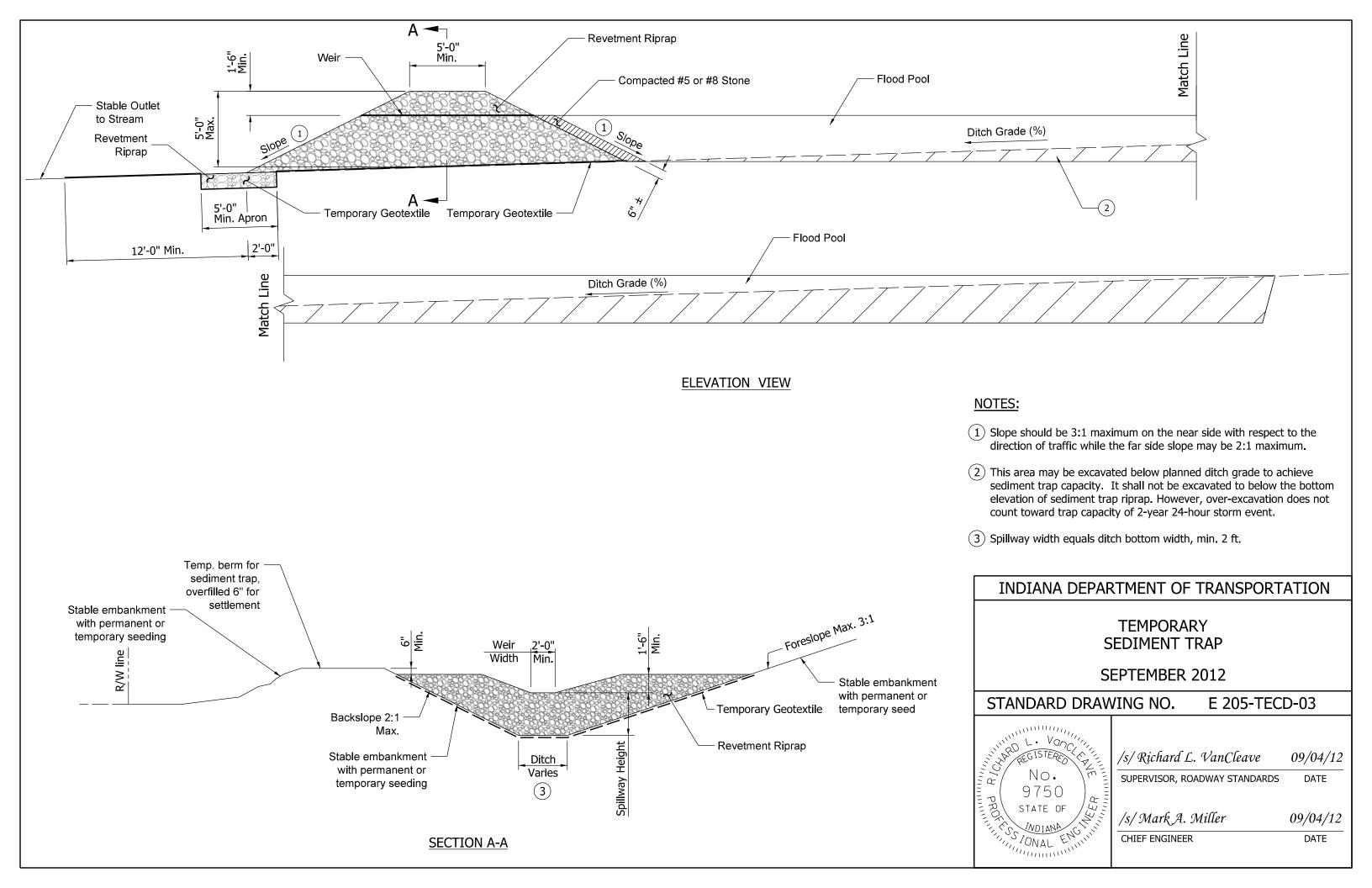
/s/ Mark A. Miller 09/04/12

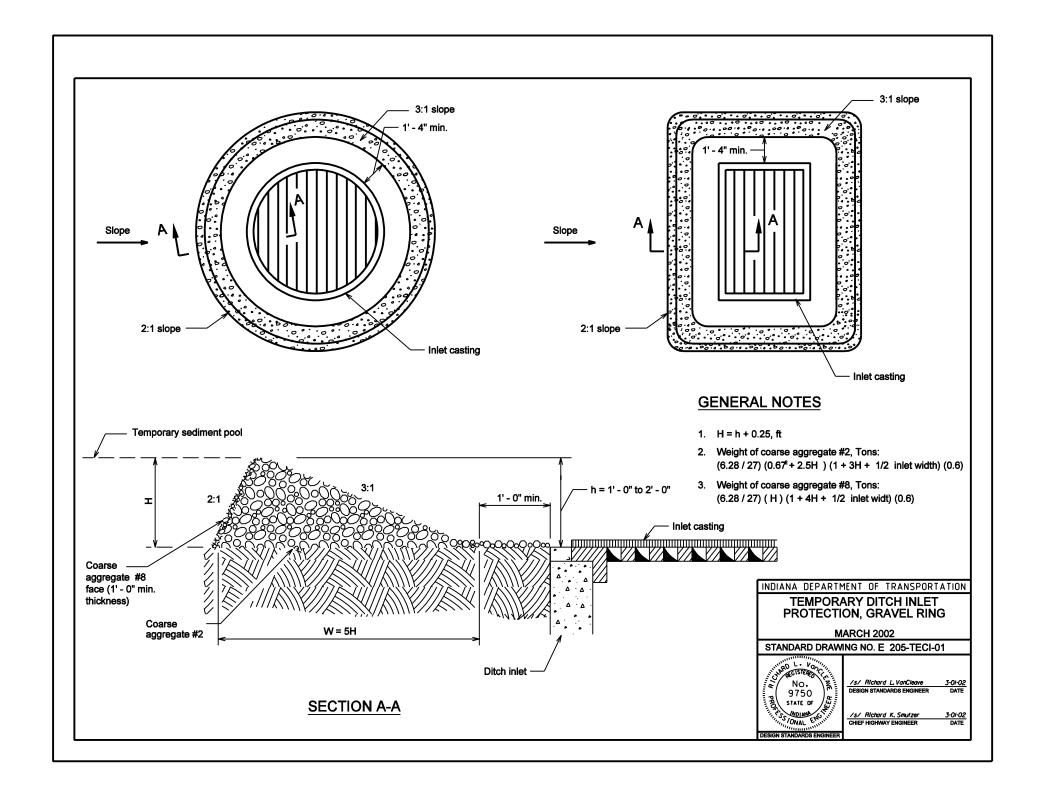
09/04/12

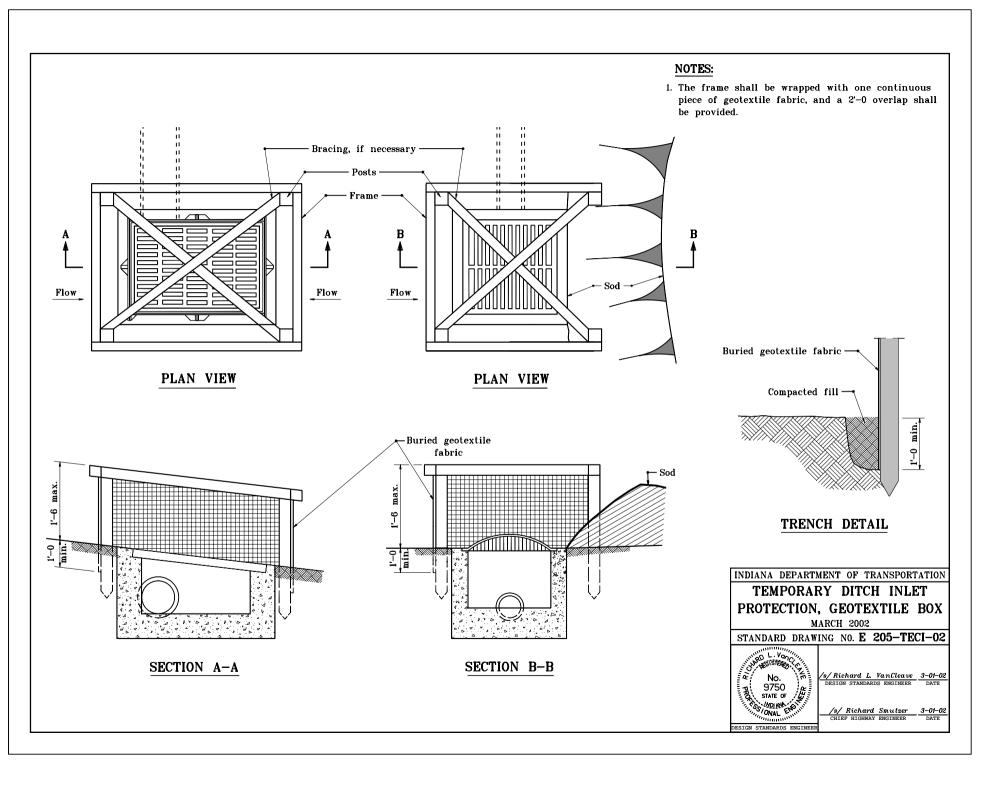
DATE

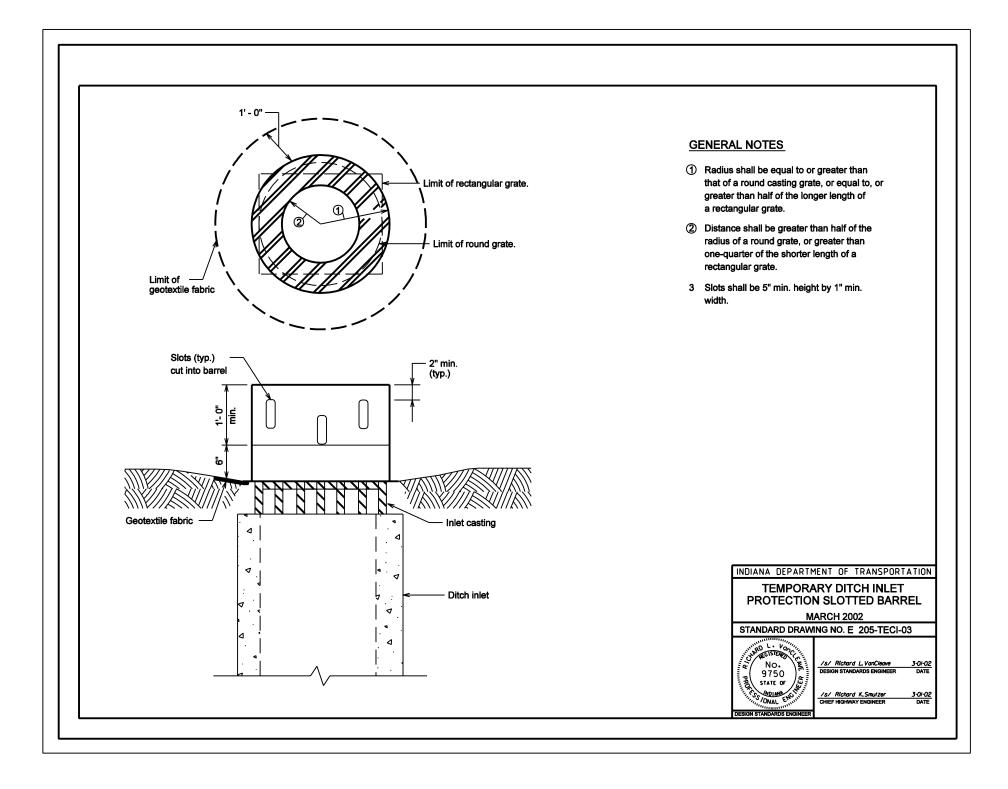
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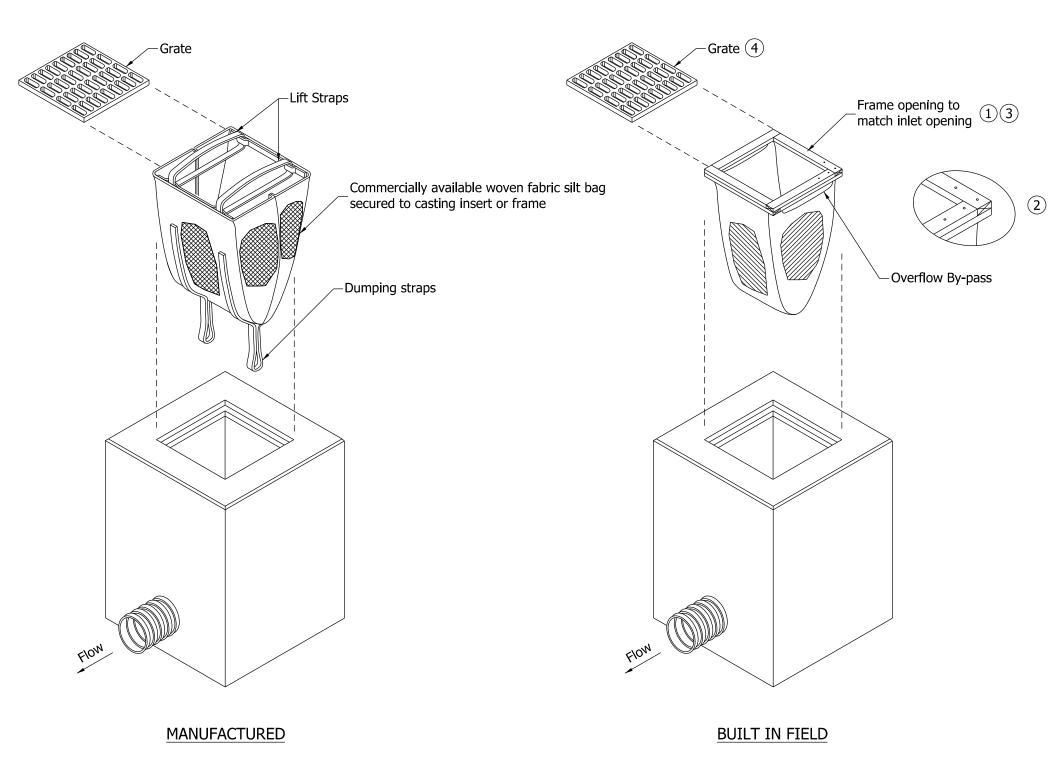
CHIEF ENGINEER











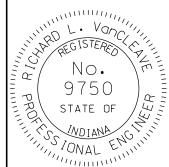
- 1) Frame opening sized to match inlet opening.
- 2 Geotextile bag shall be fabricated from piece of geotextile 2 times the opening size pushed through opening to form weephole. Secured by nails.
- (3) Frame with bag to be placed over inlet opening.
- 4 Bag frame shall be secured in place by weight of inlet grate. Grate may be rotated 45 degrees to the bag's frame.

INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL INLET BAG PROTECTION

SEPTEMBER 2012

STANDARD DRAWING NO. E 205-TECI-04



/s/Richard L. VanCleave

ve 09/04/12

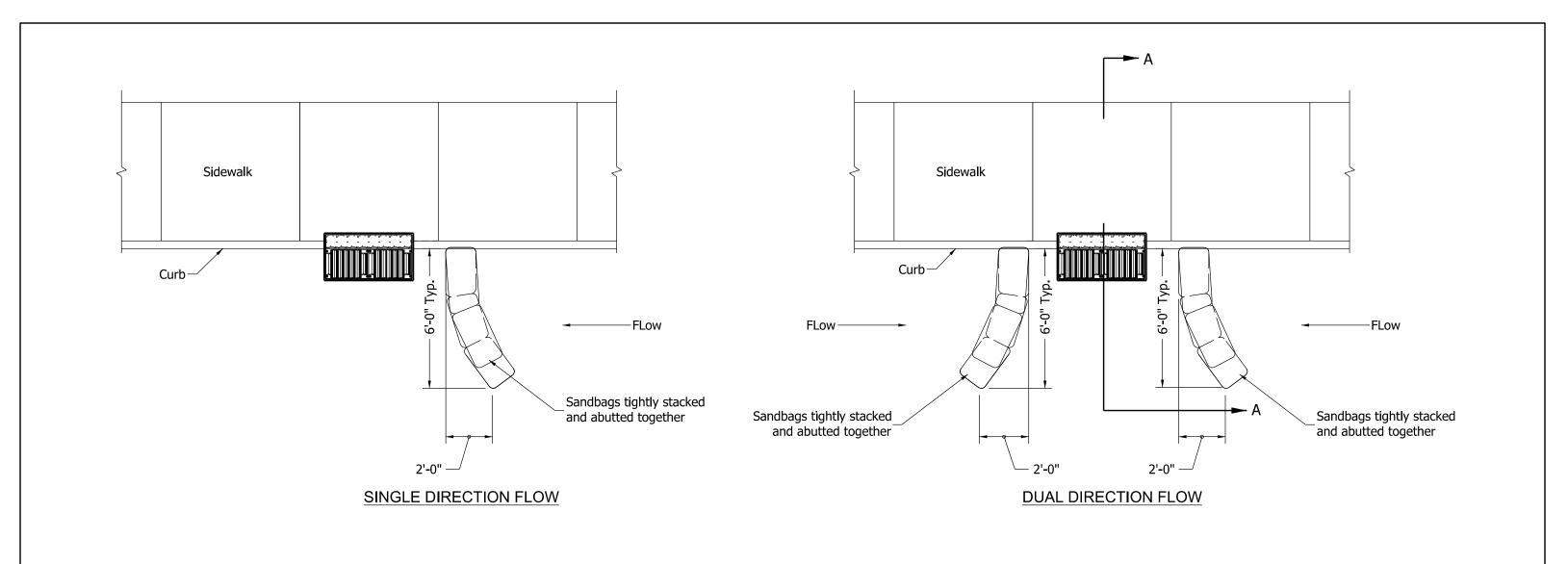
SUPERVISOR, ROADWAY STANDARDS

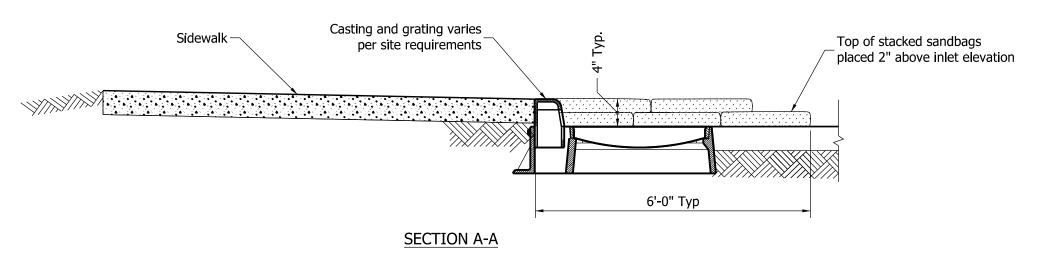
09/04/12

CHIEF ENGINEER

/s/ Mark A. Miller

DATE



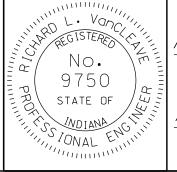


INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL INLET SANDBAG CURB INLET PROTECTION

SEPTEMBER 2012

E 205-TECI-05 STANDARD DRAWING NO.



/s/ Richard L. VanCleave

09/04/12

DATE

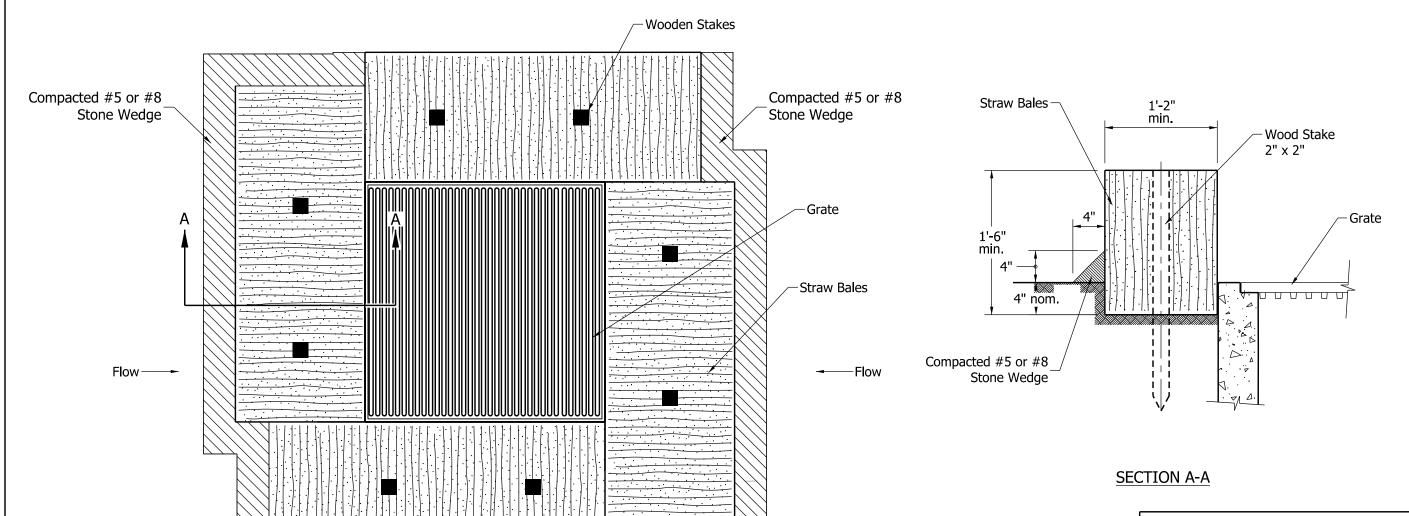
09/04/12

SUPERVISOR, ROADWAY STANDARDS

/s/ Mark A. Miller

CHIEF ENGINEER

1) For use with inlets of up to 3' x 3'.



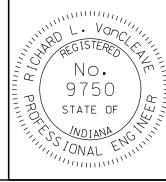
PLAN VIEW ①

INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL INLET STRAW BALE INLET PROTECTION

SEPTEMBER 2012

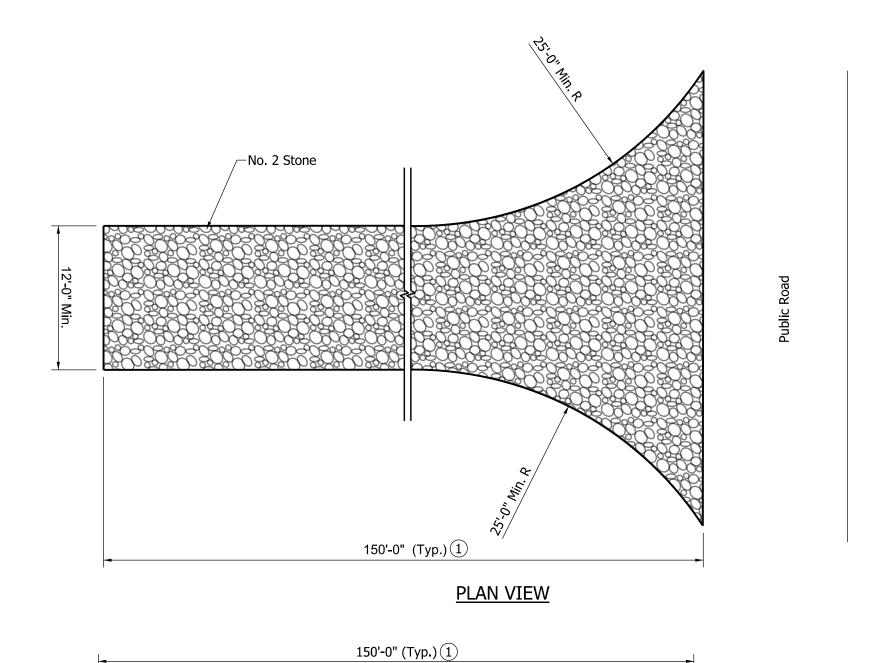
STANDARD DRAWING NO. E 205-TECI-06



/s/ Richard L. VanCleave 09/04/12
SUPERVISOR, ROADWAY STANDARDS DATE

/s/ Mark A. Miller 09/04/12

CHIEF ENGINEER DATE



No. 2 Stone

NOTE:

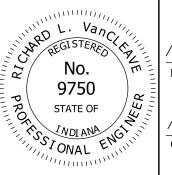
1 May be reduced as justified by site conditions, but shall not be less than 50 ft.

INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY EROSION CONTROL PERIMETER CONSTRUCTION ENTRANCE

SEPTEMBER 2013

STANDARD DRAWING NO. E 205-TECP-01



/s/ Richard L. VanCleave 06/12/13

DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 06/13/13
CHIEF ENGINEER DATE

PROFILE VIEW

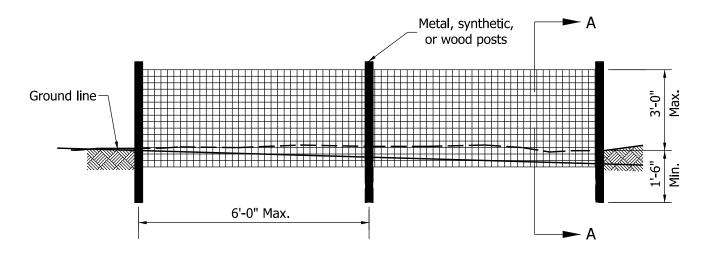
Public Road

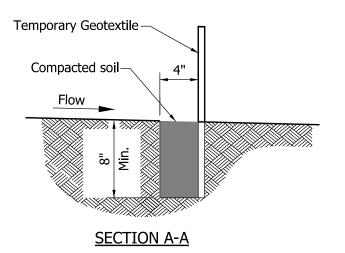
—Existing Ground —Temporary Geotextile

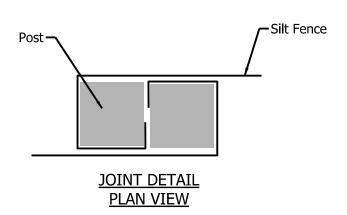
Taper Cut to Match

Stone to Pavement

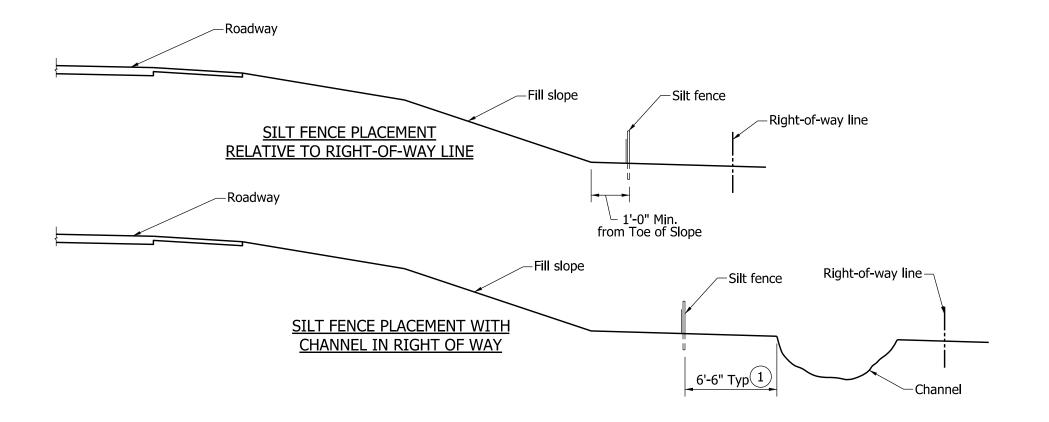
- ① Dimension can vary based on right of way availability. Silt fence shall be placed as close as possible to edge of construction limits.
- 2. Silt fence may be placed by plowing if minimum embedment of 8 in, is maintained.







SILT FENCE ELEVATION

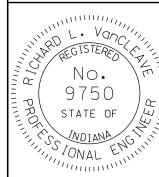


INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY SILT FENCE

SEPTEMBER 2012

STANDARD DRAWING NO. E 205-TECP-02



/s/Richard L. VanCleave

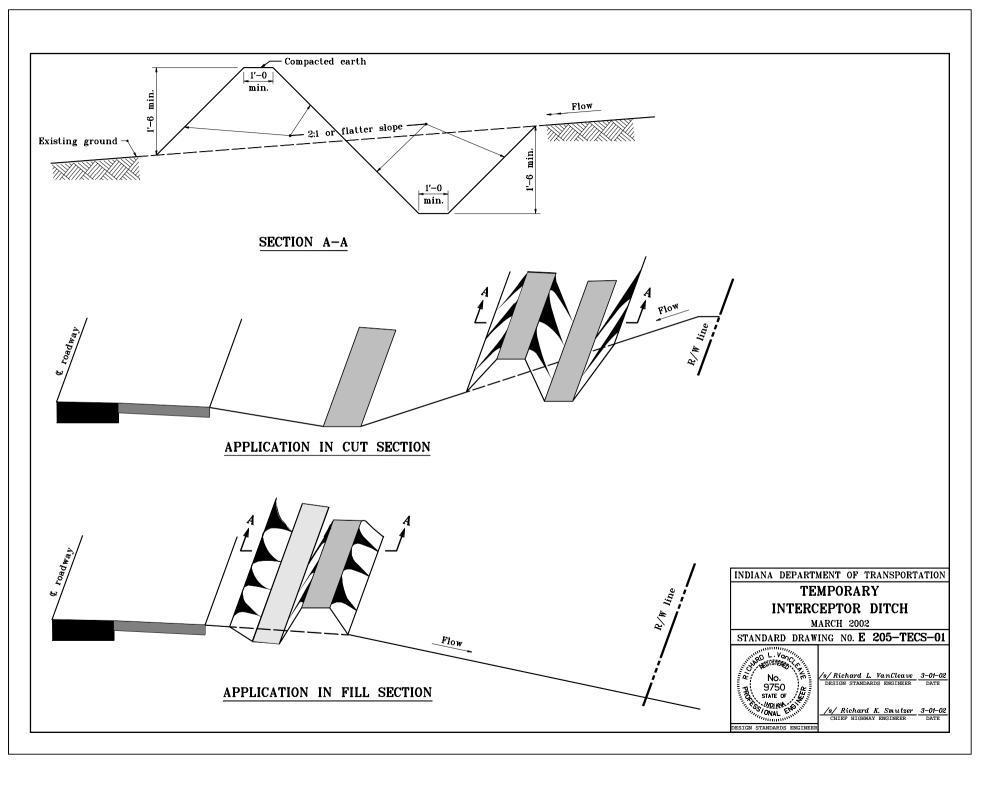
SUPERVISOR, ROADWAY STANDARDS

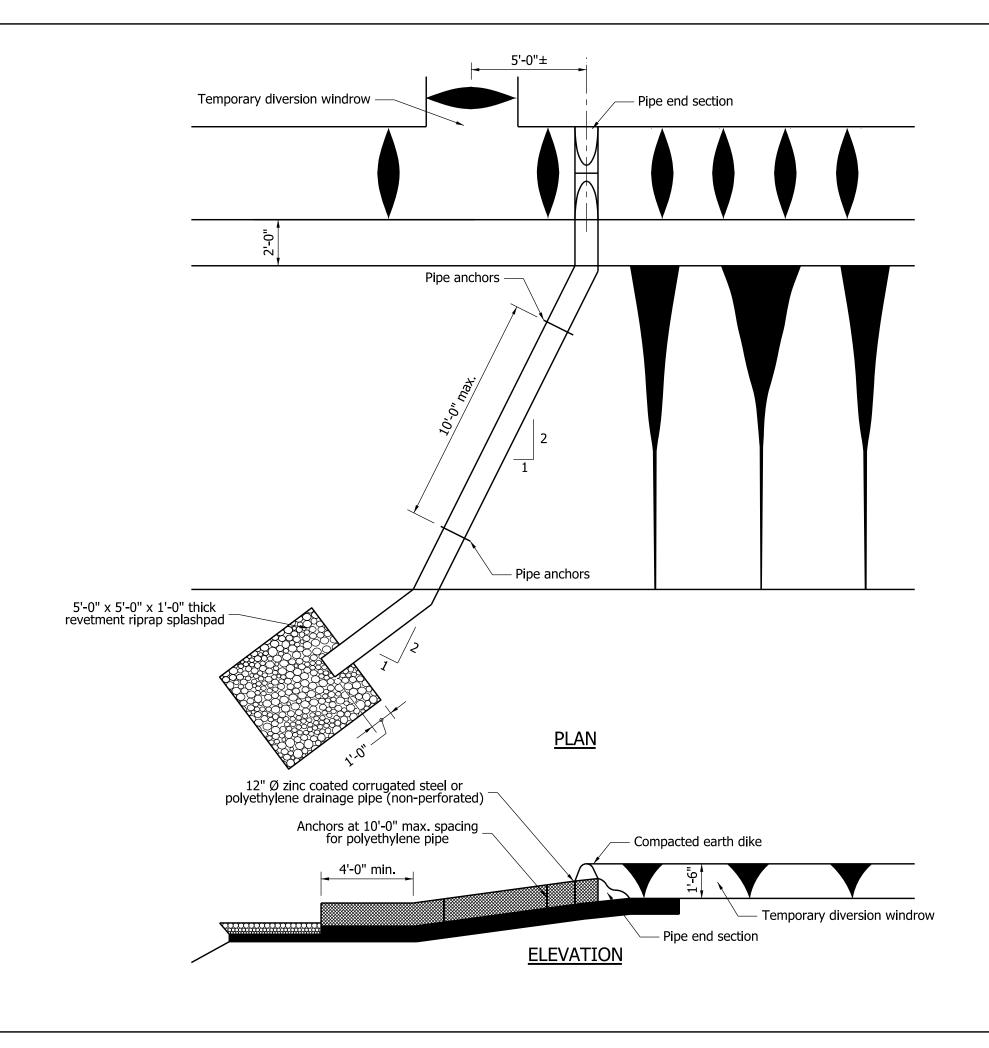
/s/ Mark A. Miller 09/04/12

09/04/12

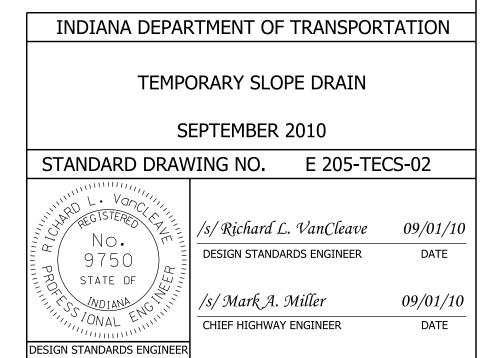
DATE

CHIEF ENGINEER DATE



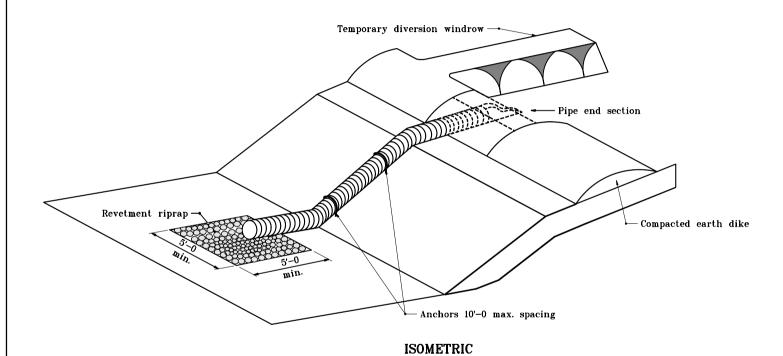


- 1. Length of slope drain shall be extended as required as fill slope is constructed.
- 2. The maximum drainage area for a 12" dia. pipe is 1 acre.
- 3. The required revetment riprap weight is 1.4 tons.



DESIGN STANDARDS ENGINEER

1. See Standard Drawing E 205-TECS-02 for Notes.



INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY SLOPE DRAIN

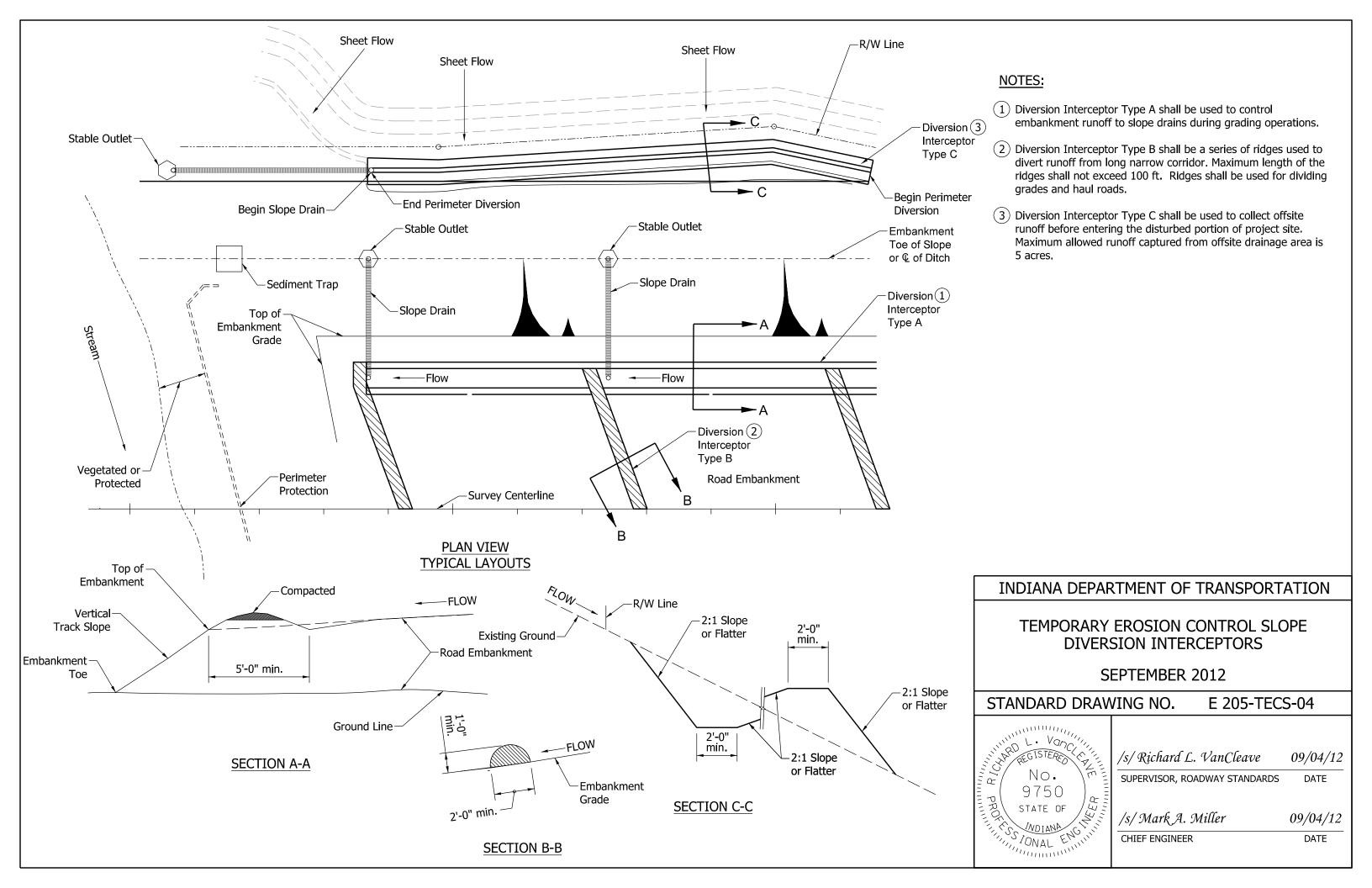
SEPTEMBER 2001

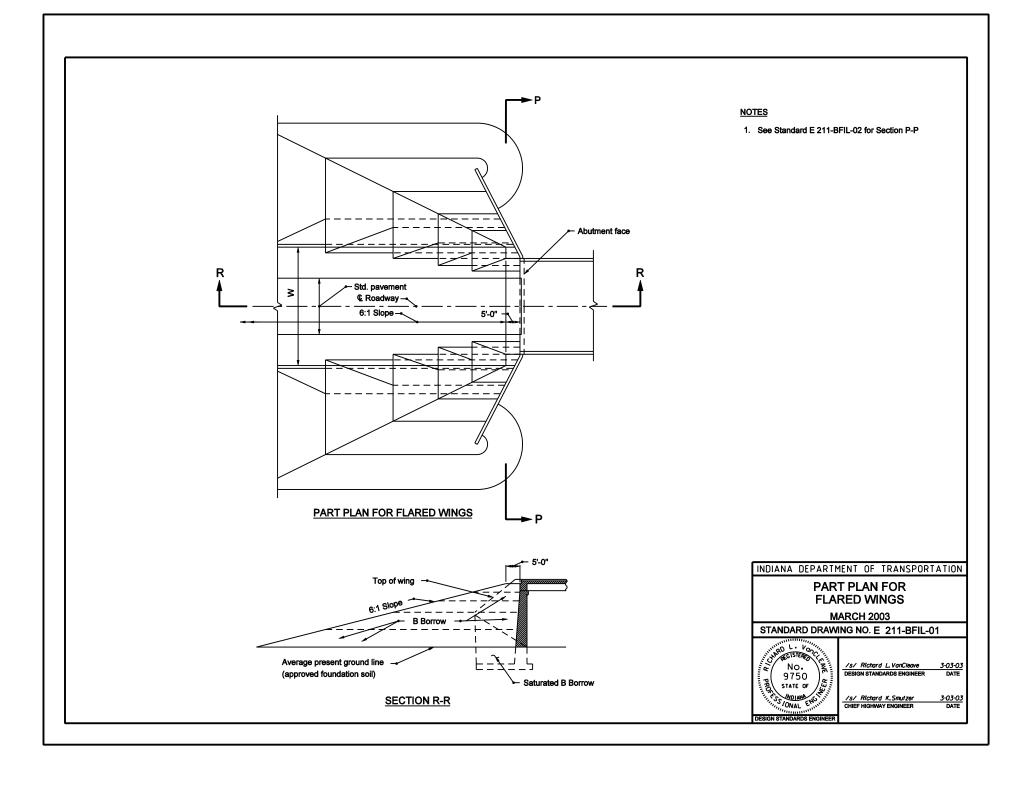
STANDARD DRAWING NO. E 205-TECS-03

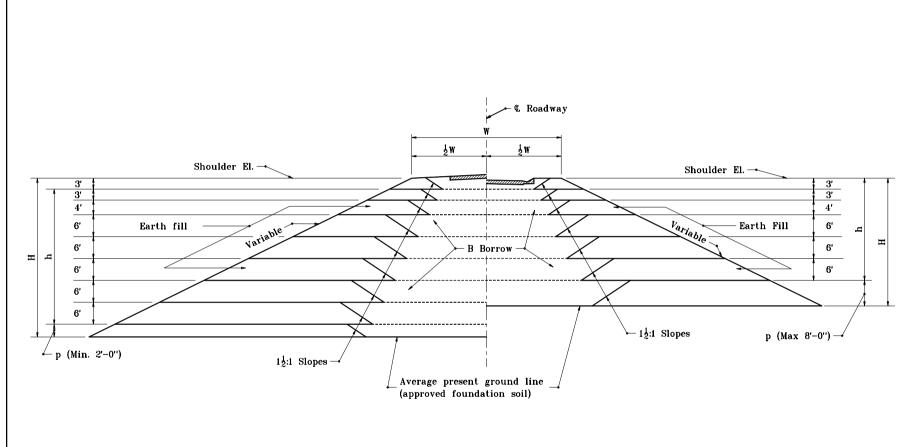


/s/Richard L. VanCleave 9-04-01

/s/ Firooz Zandi

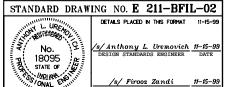




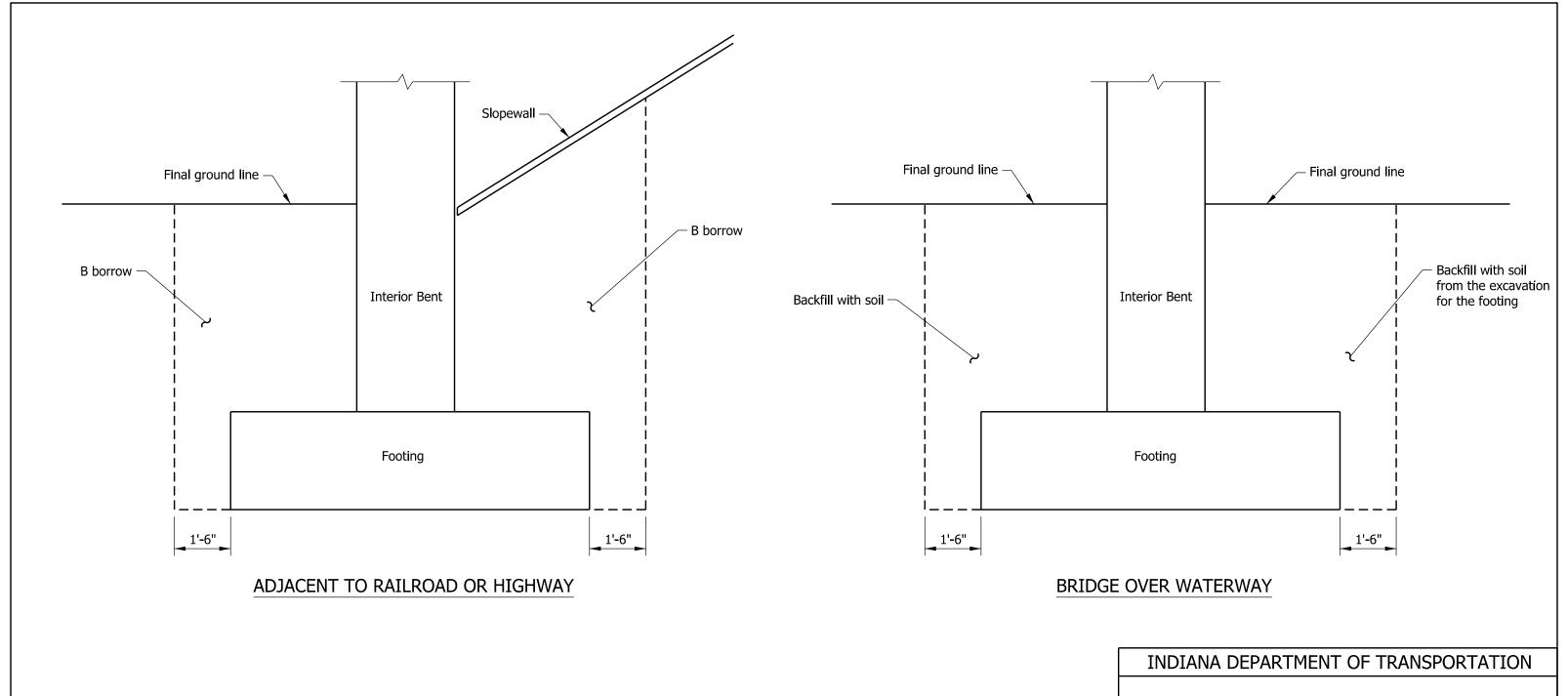


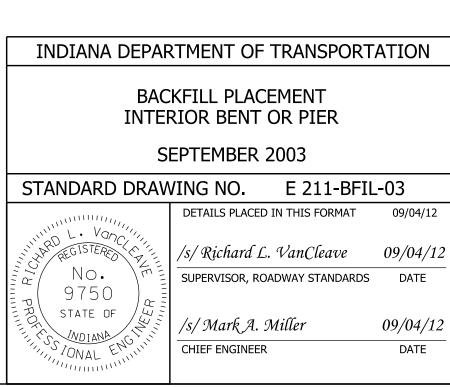
TYPICAL SECTION P-P

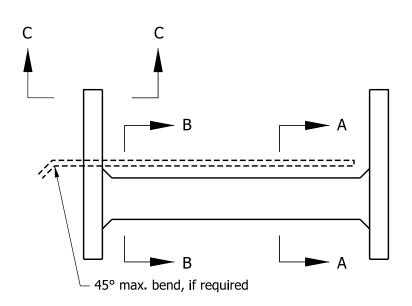
TYPICAL CROSS SECTION SEPTEMBER 1994



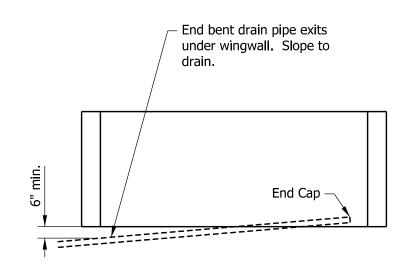
/s/Firoz Zandi 11-15-99
CHIEF HIGHWAY ENGINEER DATE
DESIGN STANDARDS ENGINEER ORGANALLY APPROVED 9-30-94



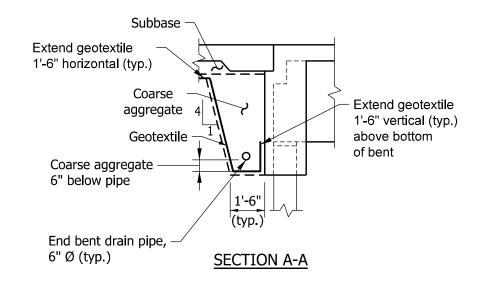


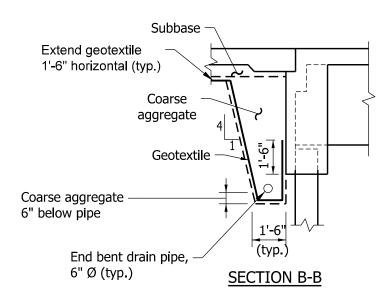


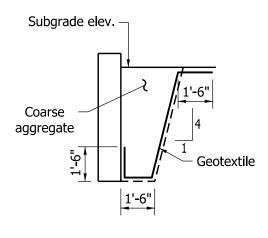
PLAN - END BENT



ELEVATION - END BENT







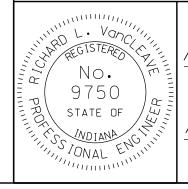
SECTION C-C

INDIANA DEPARTMENT OF TRANSPORTATION

BACKFILL PLACEMENT BEHIND END BENT BEAM OR GIRDER STRUCTURE

SEPTEMBER 2003

STANDARD DRAWING NO. E 211-BFIL-04

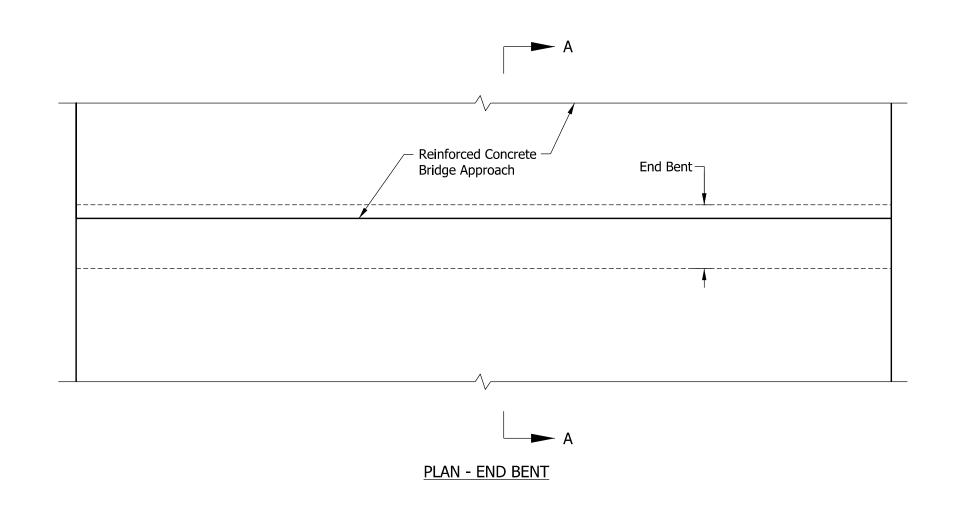


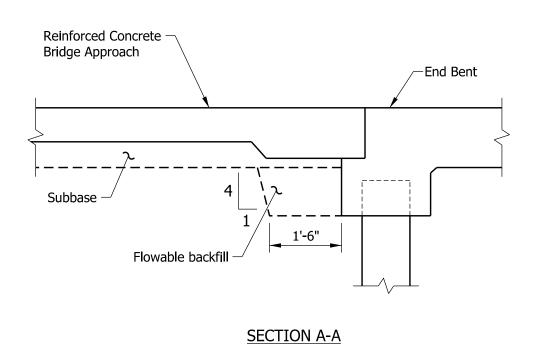
DETAILS PLACED IN THIS FORMAT 09/04/12

/s/ Richard L. VanCleave 09/04/12
SUPERVISOR, ROADWAY STANDARDS DATE

/s/ Mark A. Miller 09/04/12

CHIEF ENGINEER DATE



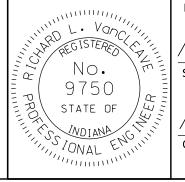


INDIANA DEPARTMENT OF TRANSPORTATION

BACKFILL PLACEMENT BEHIND END BENT REINFORCED-CONCRETE SLAB BRIDGE

SEPTEMBER 2004

STANDARD DRAWING NO. E 211-BFIL-05



DETAILS PLACED IN THIS FORMAT

/s/Richard L. VanCleave

SUPERVISOR, ROADWAY STANDARDS

/s/ Mark A. Miller

09/04/12

CHIEF ENGINEER

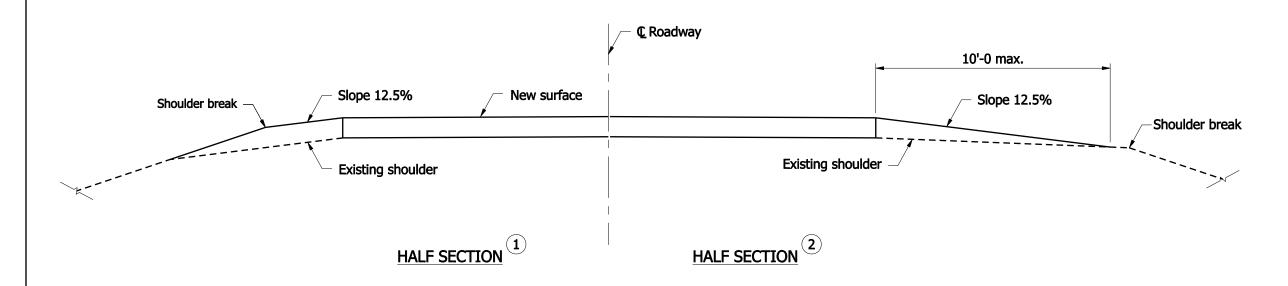
DATE

09/04/12

09/04/12

GENERAL NOTES

- 1 This section shall be used when the existing shoulder width is less than 3 ft. or the slope is steeper than 12.5%.
- 2 This section shall be used when the existing shoulder slope is flatter than 12.5%.



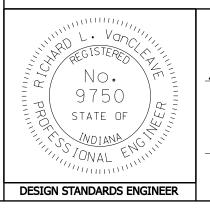
TYPICAL SECTION FOR SHOULDER TREATMENT

INDIANA DEPARTMENT OF TRANSPORTATION

SHOULDER TREATMENT FOR RESURFACING WORK

SEPTEMBER 2007

STANDARD DRAWING NO. E 303-STRW-01

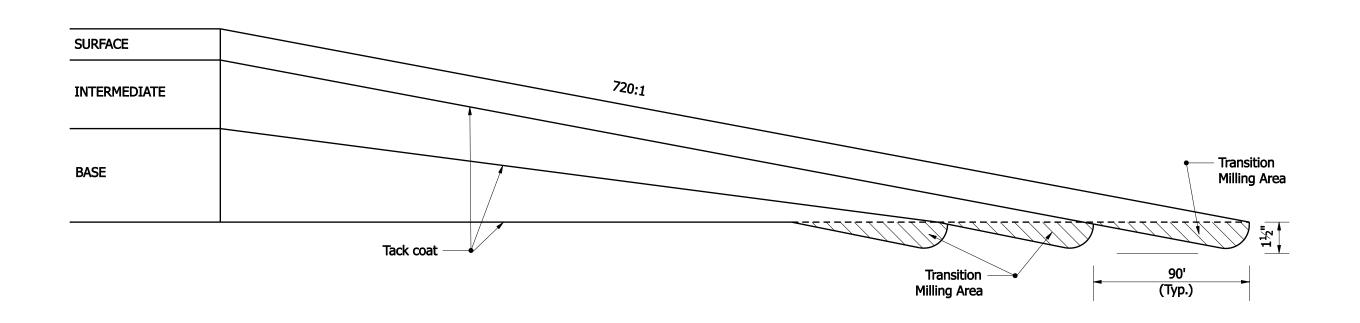


/s/ Richard L. VanCleave
DESIGN STANDARDS ENGINEER

09/04/07 DATE

/s/ Mark A. Miller
CHIEF HIGHWAY ENGINEER

09/04/07 DATE

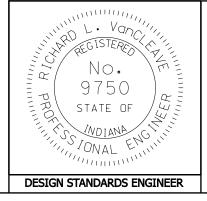


INDIANA DEPARTMENT OF TRANSPORTATION

HMA-PAVEMENT WEDGING AND TRANSITION MILLING

SEPTEMBER 2007

STANDARD DRAWING NO. E 306-TMPT-01



9/4/07 /s/ Richard L. VanCleave DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 9/4/07 CHIEF HIGHWAY ENGINEER