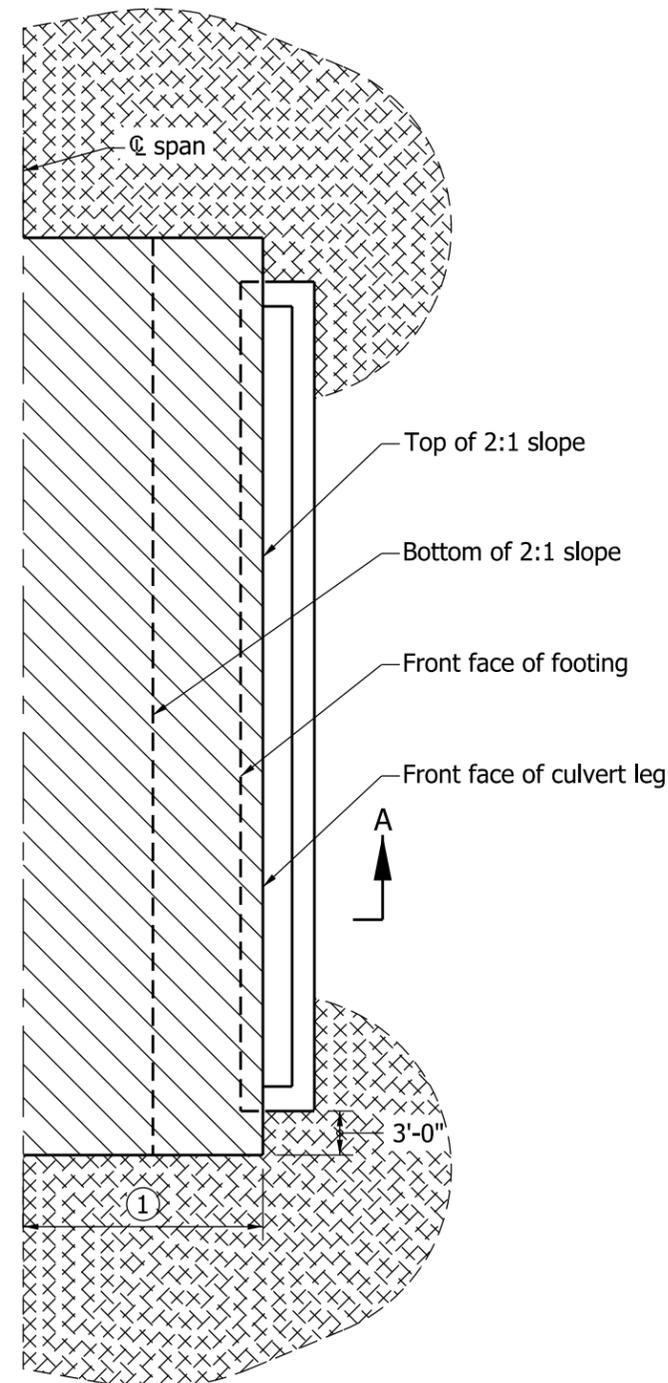


PLAN - WITH WINGWALLS



PLAN - PROJECTING

RIPRAP METHOD

NOTES:

- ① Half of span width.
- 2. See Drawing E 723-R-569d page 2 of 7 for Section A-A.

LEGEND:

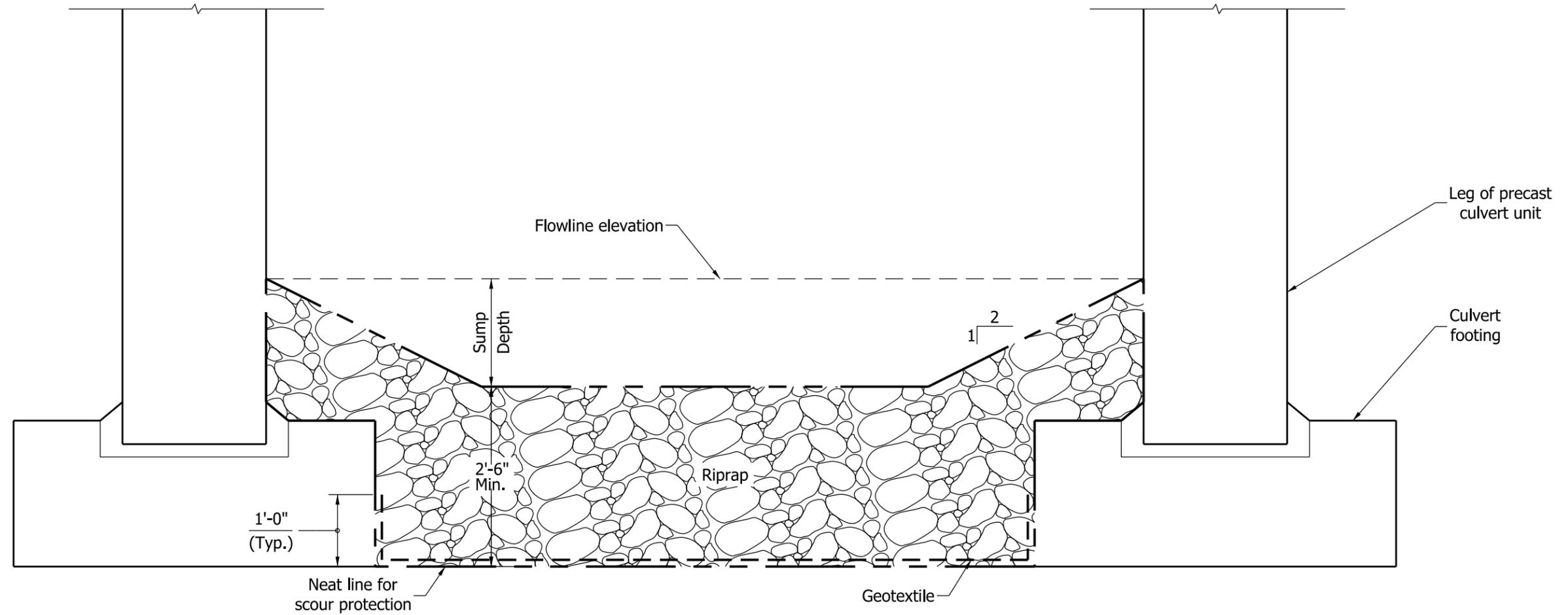
-  Limits of scour protection within limits of structure.
-  Limits of scour protection shown on plans outside limits of structure.

INDIANA DEPARTMENT OF TRANSPORTATION

THREE-SIDED CONCRETE CULVERT
SCOUR PROTECTION
10'-0" ≤ SPAN WIDTH < 20'-0"

NOTES:

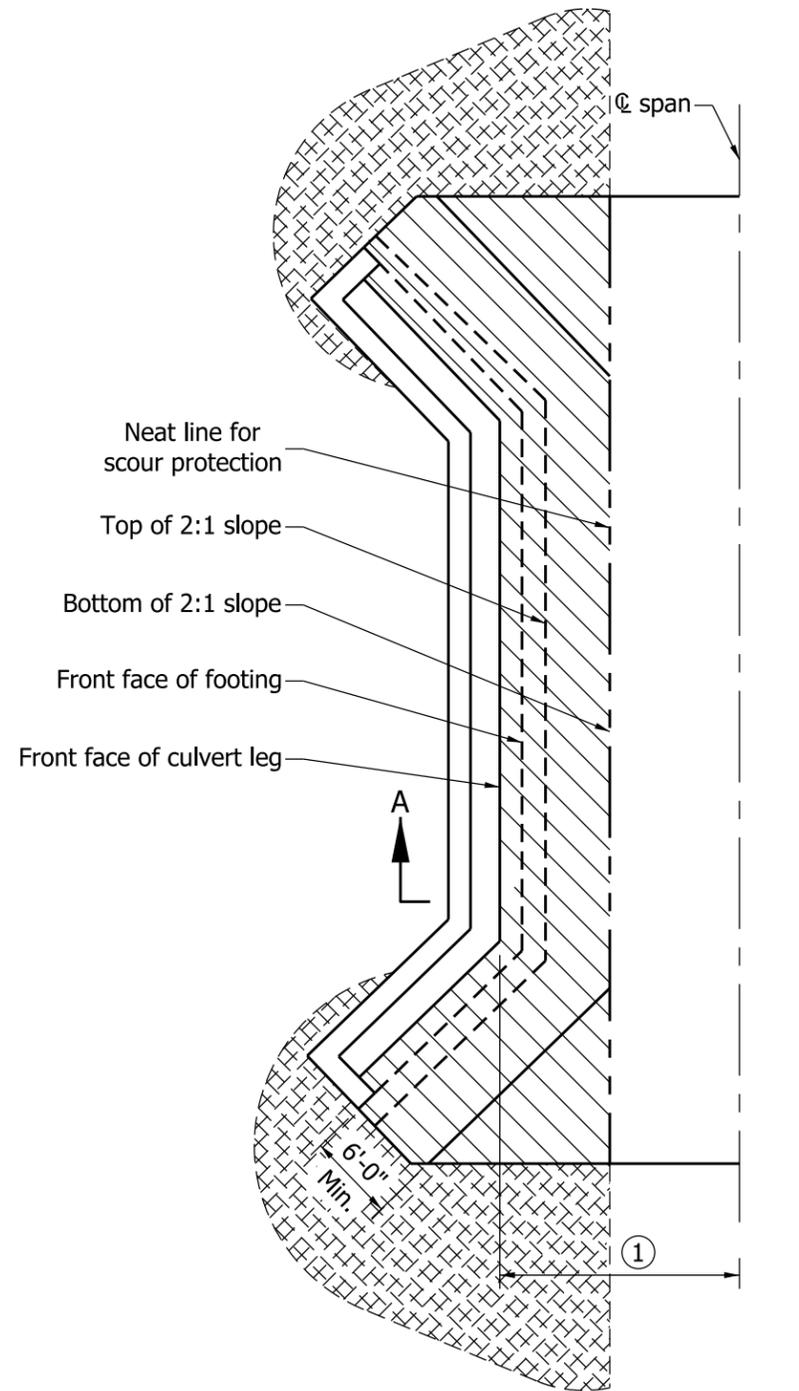
1. See Drawing E 723-R-569d page 1 of 7 for plan view of Section A-A.



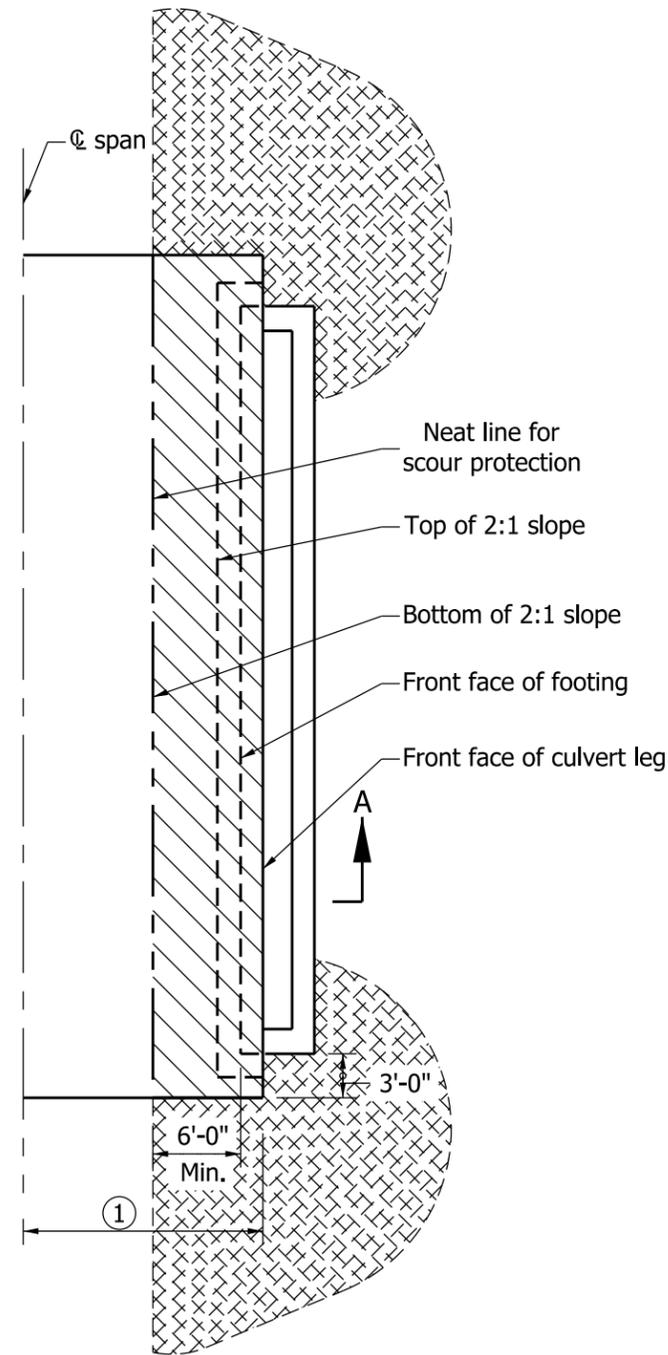
SECTION A-A
RIPRAP METHOD

INDIANA DEPARTMENT OF TRANSPORTATION

THREE-SIDED CONCRETE CULVERT
SCOUR PROTECTION
10'-0" ≤ SPAN WIDTH < 20'-0"



PLAN - WITH WINGWALLS



PLAN - PROJECTING

RIPRAP METHOD

NOTES:

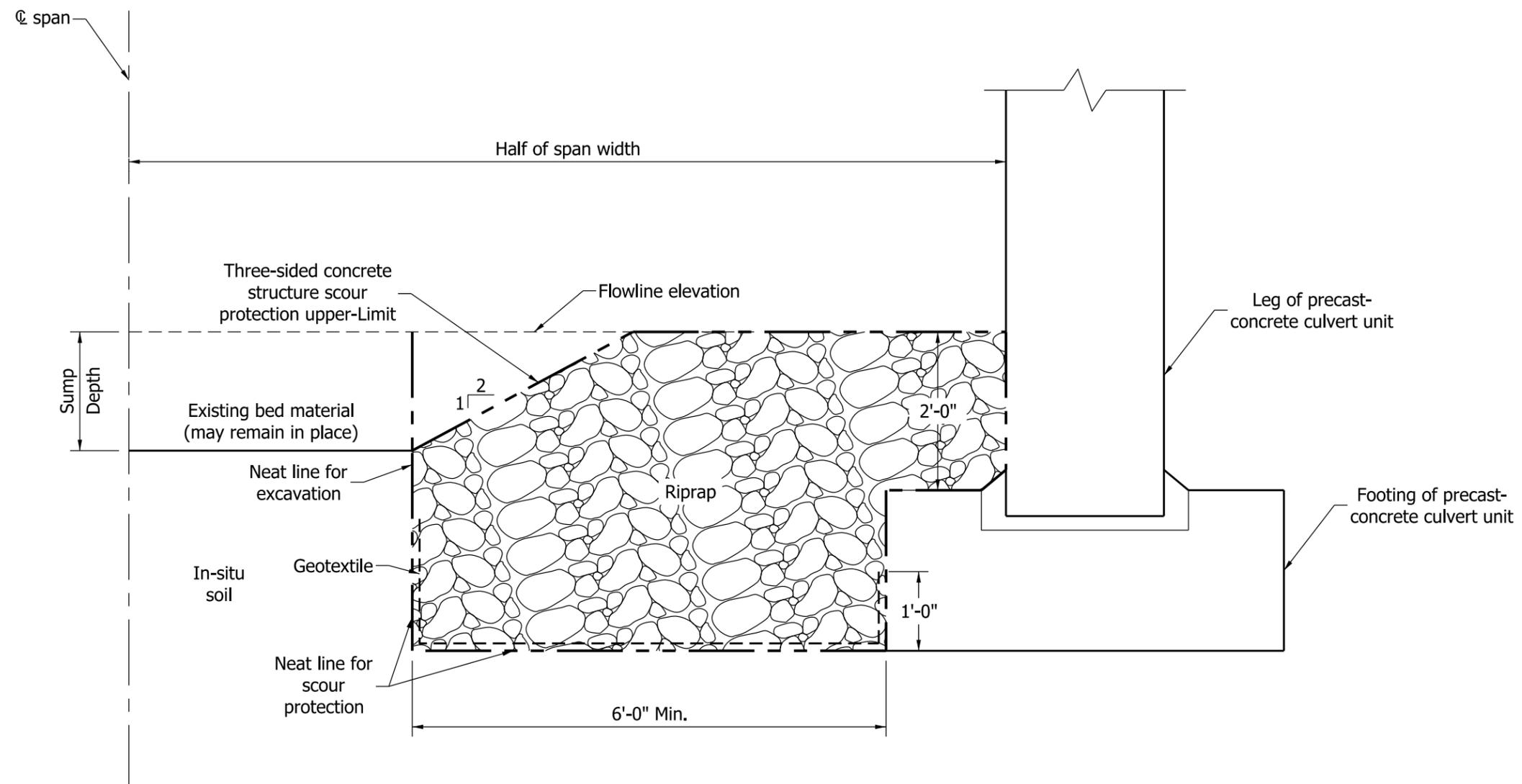
- ① Half of span width.
- 2. See Drawing E 723-R-569d page 4 of 7 for Section A-A.

LEGEND:

-  Limits of scour protection within limits of structure.
-  Limits of scour protection shown on plans outside limits of structure.

INDIANA DEPARTMENT OF TRANSPORTATION

THREE-SIDED CONCRETE CULVERT
SCOUR PROTECTION
SPAN WIDTH \geq 20'-0"



SECTION A-A
RIPRAP METHOD

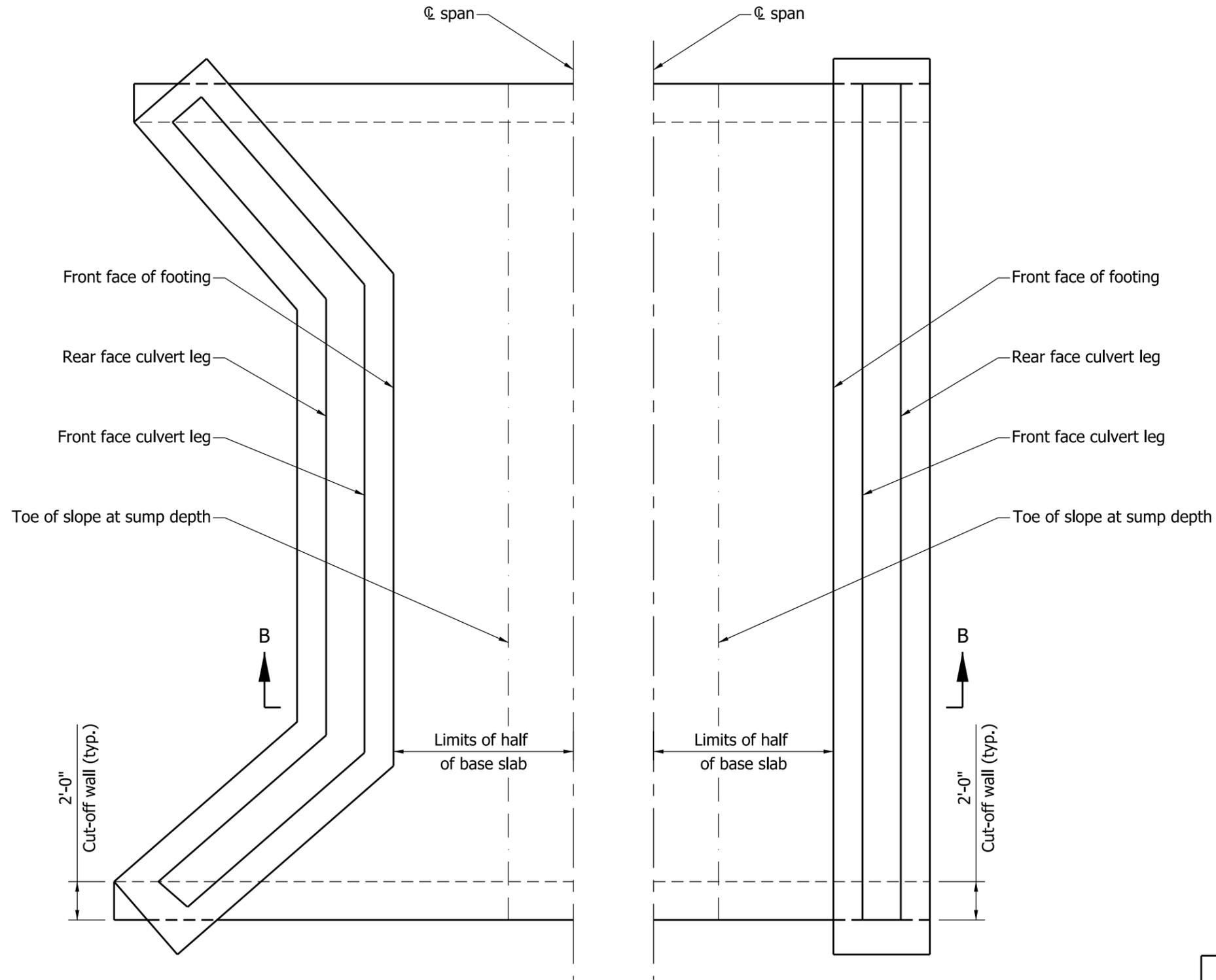
NOTES:

1. See Drawing E 723-R-569d page 3 of 7 for plan view of Section A-A.

E 723-R-569d 4 of 7

INDIANA DEPARTMENT OF TRANSPORTATION
THREE-SIDED CONCRETE STRUCTURE SCOUR PROTECTION SPAN WIDTH \geq 20'-0"

05-01-10



PLAN - WITH WINGWALLS

PLAN - PROJECTING

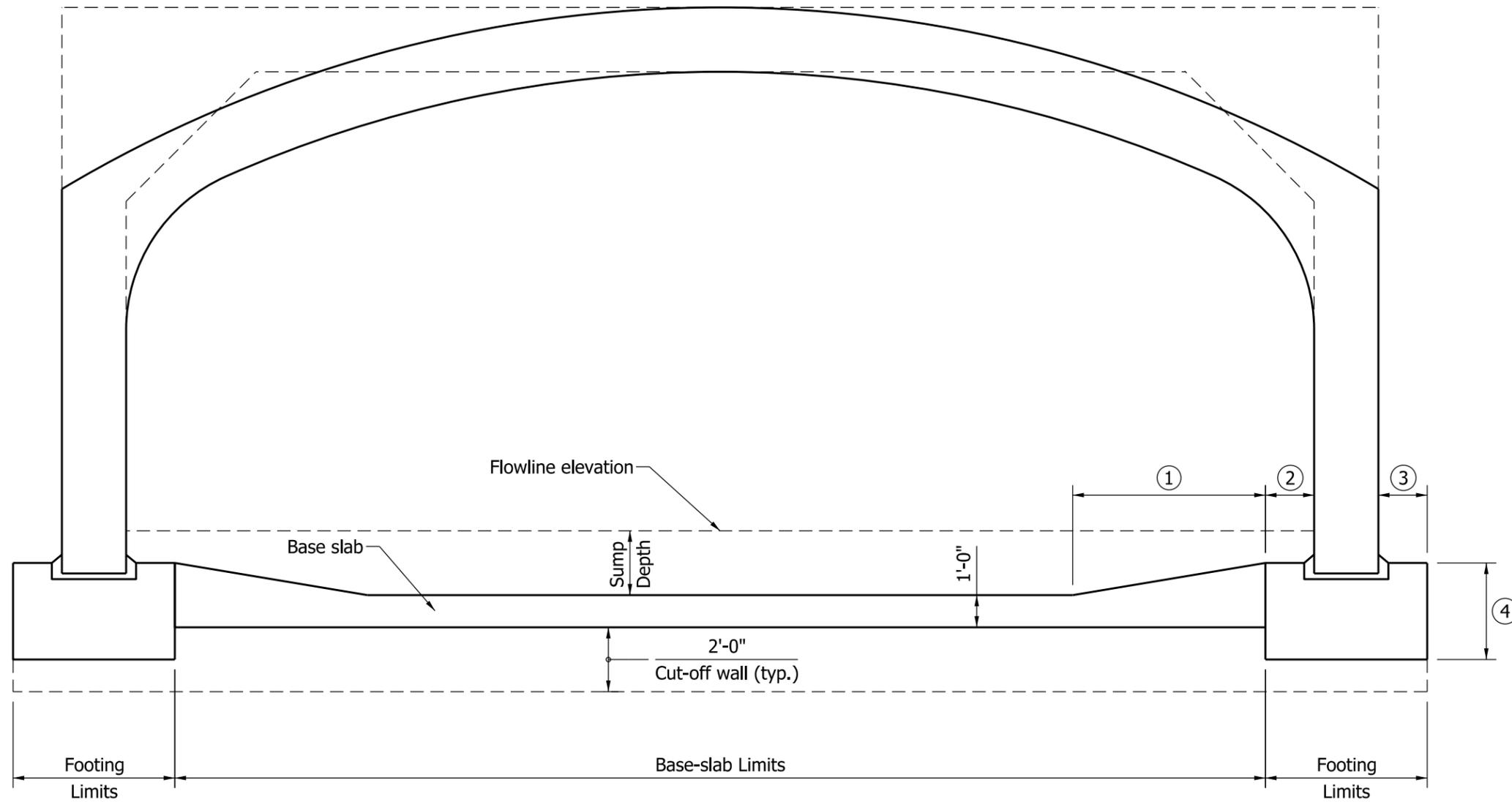
BASE SLAB METHOD

NOTES:

1. See Drawing E 723-R-569d page 6 of 7 for Section B-B.

INDIANA DEPARTMENT OF TRANSPORTATION

THREE-SIDED CONCRETE CULVERT
SCOUR PROTECTION
BASE-SLAB METHOD



SECTION B-B
BASE SLAB METHOD

NOTES:

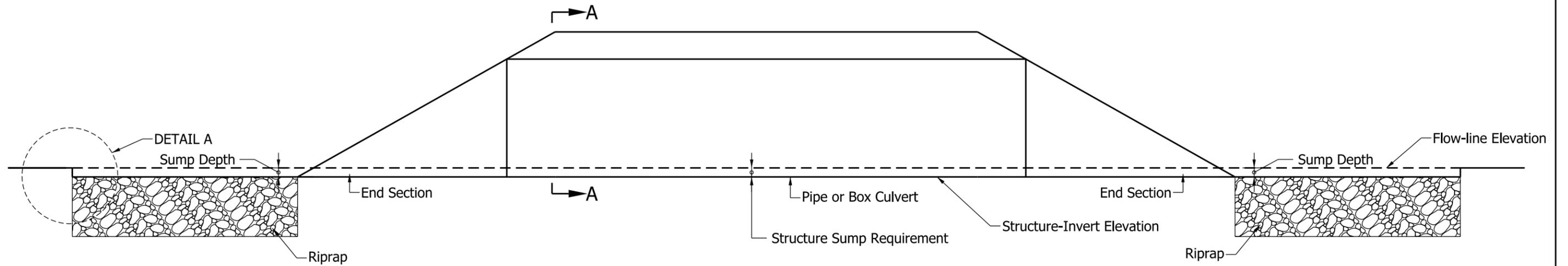
1. See the shop drawings for dimension ① through ④.
2. See Drawing E 723-R-569d page 5 of 7 for plan view of Section B-B

LEGEND:

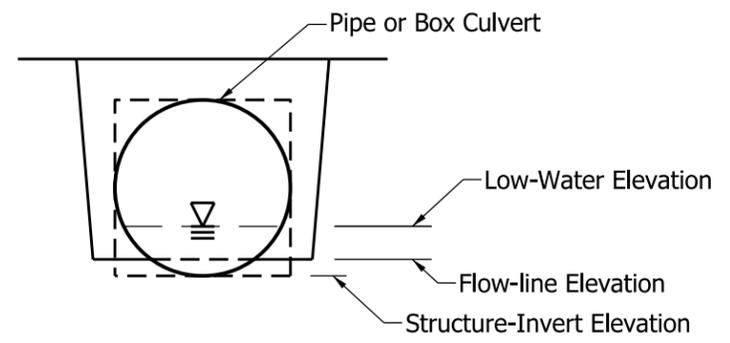
- ① Taper length
- ② Inside-footing width
- ③ Outside-footing width
- ④ Footing depth

INDIANA DEPARTMENT OF TRANSPORTATION

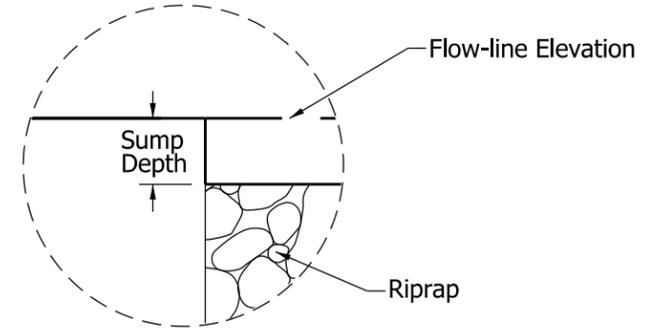
THREE SIDED CONCRETE CULVERT
SCOUR PROTECTION
BASE-SLAB METHOD



ELEVATION



SECTION A-A



DETAIL A

INDIANA DEPARTMENT OF TRANSPORTATION
PIPE OR BOX CULVERT SUMPING PROTECTION