SECTION A-A
SHOWING RAISED SIDEWALK WITH DRAIN SLOT

OPTIONAL DRAIN DETAILS

SECTION B-B
Reinforcing not shown for clarity.

PARTIAL PLAN CURB DRAIN

DISCLAIMER:
The use of this standard is governed by the "Texas Engineering Practice Act." No warranty of any kind is made by TxDOT for whatever purpose. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

FILE: DNE COUNT
DATE: April 2019

TxDOT BRIDGE AND MEDIAN DETAILS
BRSM

1. Provide broom finish to top of bridge slab where raised sidewalk or raised median area is defined.

2. 3'-6" Min at deck expansion joints, deck construction joints or teejoint drain, rail intermediate wall joints, or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

3. Steel trowel top surface of bridge deck in drain locations.

4. Provide sidewalk drains where shown elsewhere on the plans or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

5. Drain cover plate (PL 5" x 18" or as directed by the Engineer). Install flush with top of sidewalk. Provide broom finish to top of bridge slab where raised sidewalk or raised median area is defined.

6. Cap screws and threaded inserts Spaced at 1'-6" Max

7. Drain slot in sidewalk slab rail

8. 8'-0" Min to adjacent drain slot

9. 2'-0" Min at deck expansion joints, deck construction joints or teejoint drain, rail intermediate wall joints, or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

10. Local rail postcapsage shown to clear drain slot

11. Sidewalk drain area

12. Drain cover plate (PL 5" x 18"")

13. Cap screws below or flush with top of drain cover plate.

14. Slab reinforcing not shown for clarity.

15. Cap screws and threaded inserts Spaced at 1'-6" Max

16. 3'-6" Min at deck expansion joints, deck construction joints or teejoint drain, rail intermediate wall joints, or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

17. Drain slot in sidewalk slab rail

18. 8'-0" Min to adjacent drain slot

19. 2'-0" Min at deck expansion joints, deck construction joints or teejoint drain, rail intermediate wall joints, or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

20. Local rail postcapsage shown to clear drain slot

21. Sidewalk drain area

22. Drain cover plate (PL 5" x 18"")

23. Cap screws below or flush with top of drain cover plate.

24. Slab reinforcing not shown for clarity.

1. Provide broom finish to top of bridge slab where raised sidewalk or raised median area is defined.

2. 3'-6" Min at deck expansion joints, deck construction joints or teejoint drain, rail intermediate wall joints, or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

3. Steel trowel top surface of bridge deck in drain locations.

4. Provide sidewalk drains where shown elsewhere on the plans or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

5. Drain cover plate (PL 5" x 18" or as directed by the Engineer). Install flush with top of sidewalk. Provide broom finish to top of bridge slab where raised sidewalk or raised median area is defined.

6. Cap screws and threaded inserts Spaced at 1'-6" Max

7. Drain slot in sidewalk slab rail

8. 8'-0" Min to adjacent drain slot

9. 2'-0" Min at deck expansion joints, deck construction joints or teejoint drain, rail intermediate wall joints, or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

10. Local rail postcapsage shown to clear drain slot

11. Sidewalk drain area

12. Drain cover plate (PL 5" x 18"")

13. Cap screws below or flush with top of drain cover plate.

14. Slab reinforcing not shown for clarity.

15. Cap screws and threaded inserts Spaced at 1'-6" Max

16. 3'-6" Min at deck expansion joints, deck construction joints or teejoint drain, rail intermediate wall joints, or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

17. Drain slot in sidewalk slab rail

18. 8'-0" Min to adjacent drain slot

19. 2'-0" Min at deck expansion joints, deck construction joints or teejoint drain, rail intermediate wall joints, or as directed by the Engineer. Do not place drains over railroad tracks, lower roadways, or sidewalks. Place drain and cover plate perpendicular to toe of rail.

20. Local rail postcapsage shown to clear drain slot

21. Sidewalk drain area

22. Drain cover plate (PL 5" x 18"")

23. Cap screws below or flush with top of drain cover plate.

24. Slab reinforcing not shown for clarity.