PART TRANSVERSE SECTION AT ABUTMENT
TYPE A1 DIAPHRAGM WITH A RAISED SIDEWALK

SECTION A-A

** 3" x 3" BEVEL ENDS AT EDGE OF BRIDGE DECK

- SEE STANDARDS 13.75, 19.54, 19.35 FOR REINFORCEMENT DETAILS
- DETAILS SHOWN ARE FOR GIRDER STRUCTURES. SIMILAR REINFORCEMENT FOR SLAB STRUCTURES SHALL BE USED WITH A REMINDER THAT THE TRANSVERSE AND LONGITUDINAL REINFORCEMENT LAYERS ARE REVERSED.

SECTION B-B

SECTION THRU SIDEWALK

DEFLECTION JOINT DETAIL

SHOW DEFLECTION JOINT IN PARAPETS ON DIAGRAMS USING THE FOLLOWING CONTENTS:
1. ORDER STRUCTURES AND SLAB STRUCTURES WITH A RAISED SIDEWALK SHOWN WITH A DEFLECTION JOINT IN THE PARAPET AND PARAPET CURB OVER THE PIER. FOR DECKS GREATER THAN 20" DEPTH THE JOINT NARROW TO THE PARAPET AND PARAPET CURB OF THE JOINT IS DECREED OR THE PIER.
2. ORDER STRUCTURES AND SLAB STRUCTURES WITHOUT SIDEWALK SHOULD HAVE NO DEFLECTION JOINTS IN THE PARAPET.

CROSS SECTION THRU MEDIAN WITH A JOINT

NOTES:

WHEN PARAPETS ARE POURED CONTINUOUSLY FROM END TO END, MAX. SHALL BE REFORMED OR TOPPED AT THE DEFLECTION JOINT DETAIL. ALL DEFLECTION JOINT DETAIL DESIGNED IN PARAPETS ARE USED AT THE DEFLECTION JOINT. THE JOINT IS STANDARDIZED WITH AN APPROVED JOINT SEALANT AND PLAIN PAINT SEPARATION SHOWN IN THE DETAIL.

ADVANCED JOINT SEALANT DETAIL

ELASTOMERIC COMPRESSION SEAL DETAIL

VARIATIONS BASED ON JOINT MANUFACTURER

MANUFACTURER SHALL LABEL TOP OF SEAL DETAIL FOR JOINT MANUFACTURER Approval from the Engineer.

CROSS SECTION THRU UNANCHORED MEDIAN

*ANCHORAGE TO DECK NOT REQUIRED FOR WIDTH > 2'-0" EXCEPT FOR MEDIAN SECIONS ON TOP OF PAVING BLOCK OR IN EXIT DECKS. ALL MEDIAN STRUCTURES ON TOP OF PAVING BLOCK BLOCKS MUST BE ANCHORED.

NOTE:

CLEAN ALL LOSE MATERIAL ON THE DECK AT THE MEDIAN LOCATION PRIOR TO MEDIAN PLACEMENT USING LOW PRESSURE WATER OR AIR. ENSURE ALL PAVEMENT SURFACE IS RAKED PRIOR TO MEDIAN PLACEMENT. MEDIAN IS REQUIRED AS PER 4.32.2.3.3 OF THE STANDARD SPECIFICATIONS UNLESS THE MEDIAN IS POSTED WITHIN 30 DAYS OF COMPLETING THE CONSTRUCTION.

ANCHORED MEDIAN CURB DETAIL

ANCHORED MEDIAN CURB DETAIL

ANCHORED MEDIAN CURB DETAIL
LONGITUDINAL CONSTRUCTION

JOINT DETAIL

SEE STD. 17.02 FOR SLAB SUPERSTRUCTURES.

DESIGNER NOTES

DETAIL REQUIRED WHEN WIDTH OF DECK EXCEEDS 90 FEET FOR GIRDER SUPERSTRUCTURES AND 60 FEET FOR SLAB SUPERSTRUCTURES. DETAIL SHOULD BE USED FOR STAGED CONSTRUCTION AND FOR OTHER COMPLETE JOINT APPLICATIONS. ALL JOINT APPLICATIONS SHOULD BE APPROVED BY THE ENGINEER.

JOINTS SHOULD BE PLACED AT LEAST 6 INCHES FROM THE EDGE OF THE TOP FLANGE OF THE GIRDER AND IDEALLY LOCATED BETWEEN THE MEDIAN OR PARAPET, OVER PLACING NEAR MEDIAN PAIRS PLACE AT LANE LINES OR IN THE MIDDLE OF THE LANE.

1'-0" v-groove req'd. for abutments with expansion joints.

FACE OF ABUTMENT.

AND THE END 1'-0" OF THE FRONT EXTERIOR EXPOSED FACE OF WINGS, TO BE APPLIED TO THE TOP AND PROTECTIVE SURFACE TREATMENT AS PER THE STANDARD SPECIFICATIONS.

FOR OPEN RAILINGS, COAT WITH "PROTECTIVE SURFACE TREATMENT" AS PER THE STANDARD SPECIFICATIONS.

COAT WITH "PROTECTIVE SURFACE TREATMENT" AS PER THE STANDARD SPECIFICATIONS.

CROSS SECTION THRU DECK

SHOWING ADDITIONAL OVERHANG REINFORCEMENT

CROSS SECTION THRU DECK

SHOWING ADDITIONAL OVERHANG REINFORCEMENT

CROSS SECTION THRU EDGE OF DECK

SHOWING ADDITIONAL OVERHANG REINFORCEMENT

CROSS SECTION THRU EDGE OF DECK

SHOWING ADDITIONAL OVERHANG REINFORCEMENT

CROSS SECTION THRU EDGE OF SLAB

SHOWING ADDITIONAL OVERHANG REINFORCEMENT

CROSS SECTION THRU EDGE OF SLAB

SHOWING ADDITIONAL OVERHANG REINFORCEMENT

CROSS SECTION THRU EDGE OF DECK

showing typical bar spacing from chapter 17 tables + half-space

CROSS SECTION THRU EDGE OF DECK

showing typical bar spacing from chapter 17 tables + half-space

CROSS SECTION THRU EDGE OF DECK

showing typical bar spacing from chapter 17 tables + half-space

CROSS SECTION THRU EDGE OF DECK

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showing typical bar spacing from chapter 17 tables + half-space

DESIGNER NOTES

ANY ORDER TYPE (CONCRETE OR STEEL)

ANY ORDER TYPE (CONCRETE OR STEEL)

ANY ORDER TYPE (CONCRETE OR STEEL)

ANY ORDER TYPE (CONCRETE OR STEEL)

THESE DETAILS ARE SIMILAR TO THOSE SHOWN FOR THE 2" DECK AND SLAB DETAILS.

NOTE:

COAT WITH "PROTECTIVE SURFACE TREATMENT" AS PER THE STANDARD SPECIFICATIONS.

FOR OPEN RAILINGS, COAT WITH "PROTECTIVE SURFACE TREATMENT" AS PER THE STANDARD SPECIFICATIONS.

CONCRETE OR STEEL

COAT WITH "PROTECTIVE SURFACE TREATMENT" AS PER THE STANDARD SPECIFICATIONS.
FLASHING DETAIL FOR NEW BRIDGES WITH OPEN RAILING

REHABILITATION FLASHING DETAIL 1

REHABILITATION FLASHING DETAIL 2

DESIGNER NOTES

NOTES