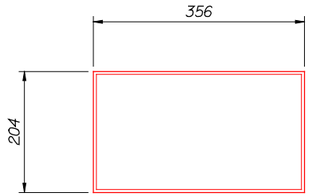
FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
3	FLA.			



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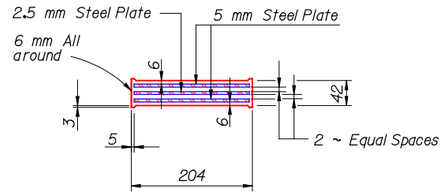
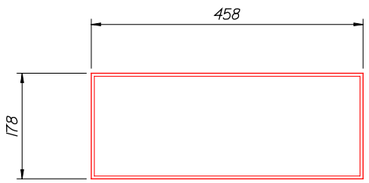


TYPICAL SECTION

COMPOSITE PAD
TYPE II



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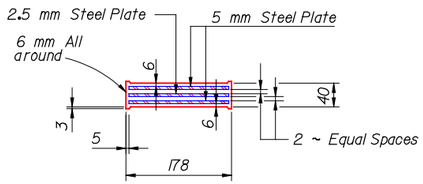

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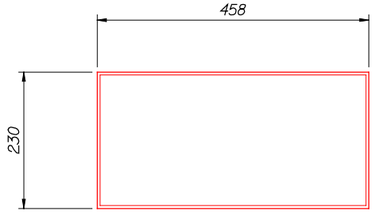

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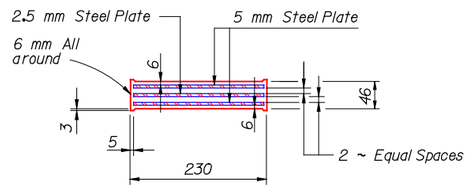
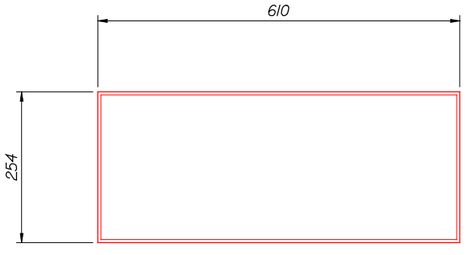


TYPICAL SECTION

COMPOSITE PAD
TYPE IV



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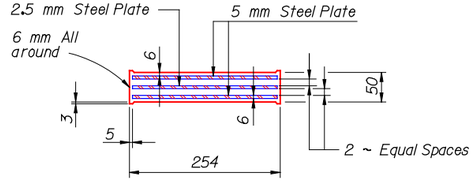
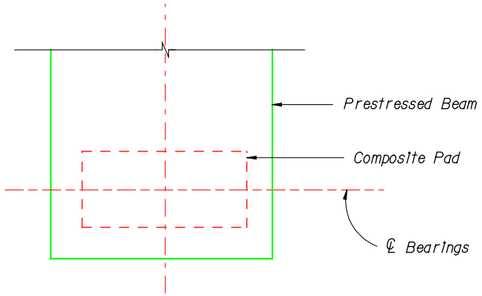
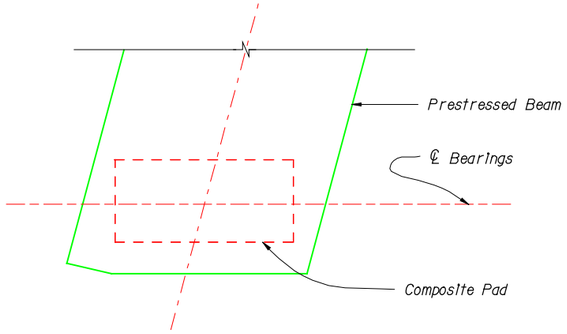


TYPICAL SECTION

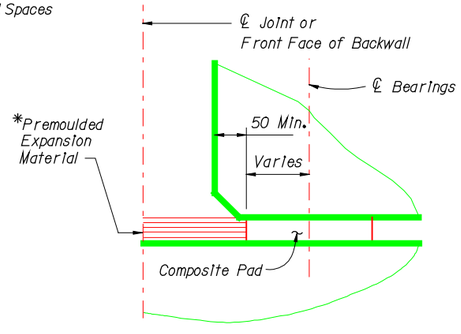
COMPOSITE PAD
TYPE V



STRAIGHT BRIDGE
PART PLAN



SKEWED BRIDGE
PART PLAN



TYPICAL PAD DETAIL
PART ELEVATION

*Premoulded Expansion Material is required for Cast-In-Place Beam Extension.

BEARING PAD NOTES

Neoprene in all Bearing Pads shall have a Grade 50 durometer hardness.

Steel Plates in composite pads shall conform to ASTM A36M or ASTM A570M Grade 250.

Variations in pad dimensions will be allowed provided revised pads will meet the current specifications and are approved by the Engineer.

Bearing seat shall be finished parallel to the bottom of Beam.

NOTE: All dimensions are in millimeters (mm), except as noted.

INSTRUCTIONS TO DESIGNER:

The bearing pads shown were designed in accordance with the AASHTO Specifications Method 'B', and shall be utilized as follows:

PAD TYPE	BEAM TYPE	MAX. REACTION (DL + LL)	SHEAR DEFLECTION MAX.
II	II (AASHTO)	400 kN	15 mm
III	III (AASHTO)	512 kN	14 mm
IV	IV (AASHTO)	578 kN	17 mm
V	V & VI (AASHTO) AND FLORIDA BULB-T	854 kN	19 mm

The pads may also be utilized for steel beams provided, of course, that the designer verifies the design.

PLEASE ERASE THESE INSTRUCTIONS WHEN COMPLETING THIS DRAWING

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
			97		

	NAMES	DATES
DRAWN BY	JSP	3-95
CHECKED BY		
DESIGNED BY		
CHECKED BY		
APPROVED BY	AJG	

ENGINEER OF RECORD:
STRUCTURES DESIGN OFFICE
CENTRAL OFFICE
605 Suwannee Street, MS 33
Tallahassee, Florida 32399-0450

LOGO:

SEAL:

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.

SHEET TITLE: COMPOSITE NEOPRENE BEARING PADS

PROJECT NAME:

DRAWING NO. 1 of 1

INDEX NO. 200

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