SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: BR 2025(036) CONTROL: 0610-03-104

COUNTY: TITUS

LETTING: 09/06/2024

REFERENCE NO: 0826

PROPOSAL ADDENDUMS

_ PROPOSAL COVER

_ BID INSERTS (SH. NO.:)

_ GENERAL NOTES (SH. NO.:)

_ SPEC LIST (SH. NO.:)

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:

ADDED:

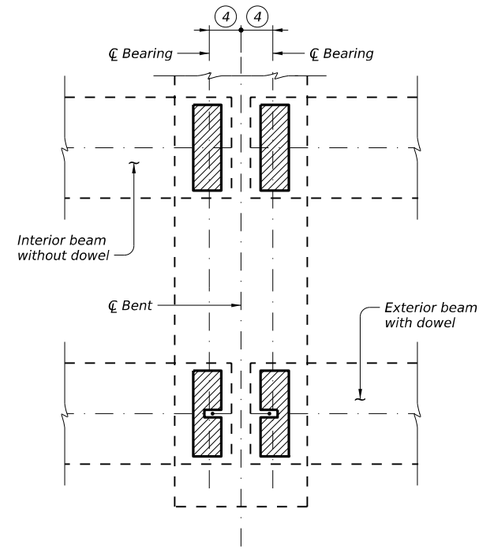
DELETED:

X OTHER: PLAN SHEET AND OTHER CHANGES

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

***** PLAN SHEETS *****

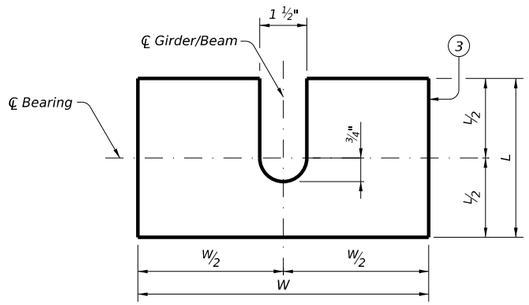
SHEET 60 REVISED NOTES



TYPICAL BEARING PAD PLACEMENT

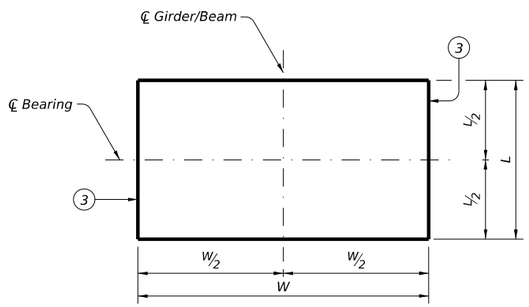
BEARING PAD SUMMARY TABLE

NBI	Bent / Span No.	Dowels (Y/N)	Bearing Pad Dimensions			Beam Slope	Bearing Pad Type	Quantity
			L (inch)	W (inch)	T (inch)			
19-019-0610-06-009	B4:S3	Y	6	19	1 1/8	1.26 %	SLOTTED	9
19-019-0610-06-110	B2:S1	Y	6	19	7/8	1.24 %	SLOTTED	6
	B3:S2	N	6	19	7/8	1.24 %	NON SLOTTED	6
	B4:S3	Y	6	19	1 1/8	1.26 %	SLOTTED	7
	B4:S4	Y	6	19	1 1/8	1.26 %	SLOTTED	7



SLOTTED BEARING PAD PLAN

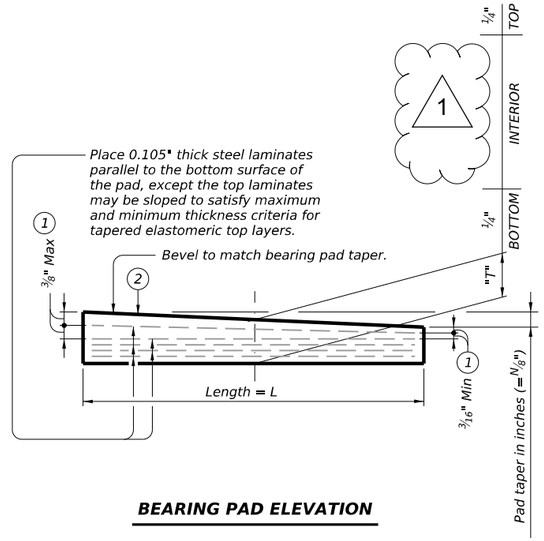
(To be used at locations with dowels)



BEARING PAD PLAN

(To be used at locations without dowels)

1. Maximum and minimum layer thicknesses shown are for elastomer only, on tapered layers.
2. Indicate BEARING TYPE on all pads. For tapered pads, locate BEARING TYPE on the high side. Include the value of "N" (amount of taper in $\frac{1}{8}$" increments) in this mark.
   Examples: N=0, (for 0" taper)
   N=1, (for $\frac{1}{8}$" taper)
   N=2, (for $\frac{1}{4}$" taper)
   (etc.)
   Fabricated pad top surface slope must not vary from plan beam slope by more than $\left(\frac{0.0625"}{Length}\right)$ IN/IN.
3. Locate permanent mark here.
4. Match existing location.



BEARING PAD ELEVATION

LAMINATED ELASTOMERIC BEARING REPLACEMENT DETAILS

(50 DUROMETER)

Note: Showing standard bearing pad design. Designer to determine layer thicknesses, pad durometer, and number of layers required and modify detail as needed.

LIFTING NOTES:

1. All work and materials for bearing pad replacement must be performed and paid for in accordance with Item 787. "Replacing Elastomeric Bearing Pads." Verify all locations and beam slopes prior to ordering materials.

2. Submit lifting plans and calculations to the Engineer for approval. Design lifting device and supports for live load and dead load with appropriate load factors in accordance with Item 495, "Raising Existing Structures."
   Unfactored loads are as follows:
   DL = 54 kips per beam end
   LL = 58 kips per beam end
   (including impact)

3. Limit lifting to ½" maximum to allow for pad replacement. Note that dowels may restrain existing pads. Do not damage deck, beams, or cap during any stage of bearing pad replacement.

4. Supporting falsework on existing bent caps is permitted following requirements of Lifting Note 2 above.

5. Jacking against the slab is not allowed. Jacking from existing bent cap is permitted following requirements of Lifting Note 2 above.

6. Place new bearing pads and lower beams back onto pads. Ensure that all new bearing pads compress when jacking force is removed. If load is not transferred as intended, place steel shims under pad or use epoxy injection or grout mixture as specified in Article 784.4.3 to properly engage bearing pad and transfer load.

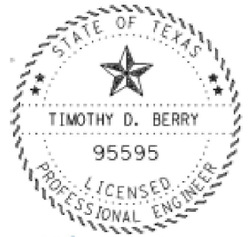
Live load is permitted on the bridge only after the structure has been raised and is supported by cribbing or temporary supports.

GENERAL NOTES:

Replace existing bearings per Item 787, "Replacing Elastomeric Bearing Pads."

Raise the existing span in accordance with Item 495, "Raising Existing Structures." The work performed to raise the spans or girders in accordance with Item 495 will not be paid for directly but is considered subsidiary to Item 787-7001. Existing pads may be cut to facilitate removal.

Following installation of new bearing pad apply stripe coat of Type V epoxy at interface of pad and concrete pedestal to secure pad.



Timothy Berry, P.E.
8-26-2024

Texas Department of Transportation — Bridge Division

ELASTOMERIC BEARING REPLACEMENT DETAILS FOR CONCRETE BEAMS

REVISIONS

NBI: 19-019-0610-06-109
NBI: 19-019-0610-06-110

FILE:	DN: TxDOT	CK: TxDOT	DW: TxDOT	CK: TxDOT
©TxDOT February 2024	CONT	SECT	JOB	HIGHWAY
	0610	03	104, ETC.	IH 30, ETC.
	DIST	COUNTY		SHEET NO.
	ATL	TITUS, ETC.		60

1 REVISED 8/26/2024

DATE: $DATE$ $TIME$
FILE: $FILE$