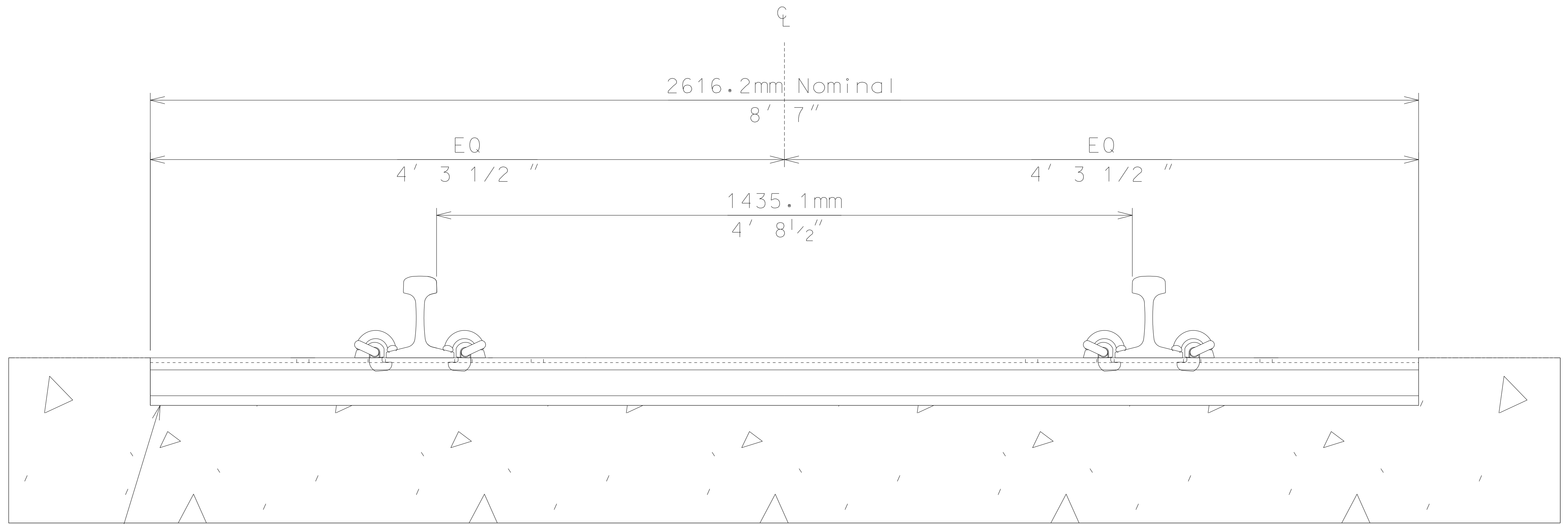


Addendum #5 to SJPC-22-49 (BMT Rail Rehabilitation): September 1, 2022

Answers to Potential Bidders' Questions

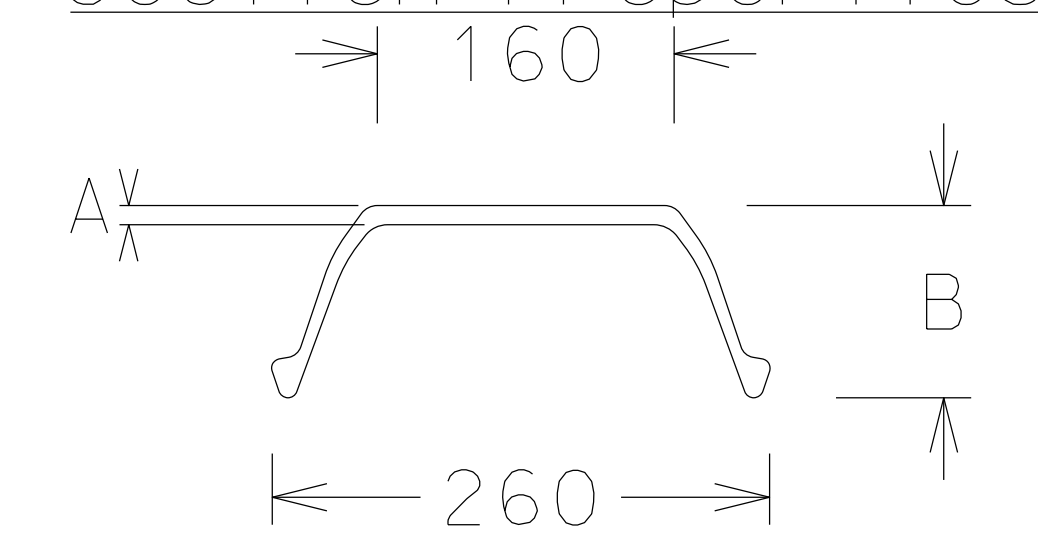
- Q1: Contract dwg T-26 note 6 specifies the use of a Narstco # 1599 steel cross tie. Please be advised this model number does not exist. Please specify the correct Narstco steel tie that can be used in embedded track.
- A1: Copy of NARSTCO drawing for Steel Crosstie #1599 attached.
- Q2: Addendum 4 - A7 specifies to use detail Detail 3/T-20 for turnouts that are embedded in concrete that are not on the berth. Is the intent of detail 3 SECTION USED ROLLED STEEL CROSS TIE to use a Nartsco steel tie? If so please confirm Narstco steel ties are compatible with a tounge and mate turnout.
- A2: Bidder may choose to use either fabricated steel crossties as shown by detail 1/T-25 or NARSTCO steel crossties (switch ties) in conformance with NARSTCO drawing #1599 configured to conform to turnout geometry and footprint of double tongue switch in lengths and arrangement required to support switch, frog, guard rails and closure rails. Bidder must submit complete shop drawings for either option as defined in the specifications.
- Q3: Typical section T-20 shows concrete in gauge, dwg C 402 shows asphalt hatch throughout the gauge. Which is required?
- A3: Typical sections 1/T-20, 2/T-20 and 3/T-20 clearly indicate reinforced concrete pavement surface in gauge of new track construction.
- Q4: Plan sheet C-203states that the existing utilities in the concrete island are to be relocated (directly in front of Shed #2. What utilities are in this island and where are they to be relocated?
- A4: All known utilities are shown on the plans. Remove existing concrete island, high mast light, and fire hydrant. Reset unknown manhole at proposed grade. Fire hydrant to be replaced with new hydrant at new location, per previous response.
- Q5: On plan sheet C-203 in front of Building A, there is a note to remove a concrete platform and relocate steel platform. Please provide details of the concrete platform and the steel platform to be relocated, including location and any footing requirements.
- A5: Concrete platform to be demolished if the option to do the work at Building A is selected. Steel platform is mobile and will be relocated to a SJPC preferred location. No footings or slab will be required for the relocation area.

- Q6: Regarding Addendum #4 plan sheet T-27, please provide the dimensions of the crossing frog so that all bidders quote the same product.
- A6: Sheet T-27 is provided as a general arrangement drawing. The successful Bidder is required to prepare and submit shop drawings to Engineer for review and approval prior to commencing fabrication. The design of the crossing frogs in accordance with AREMA Specifications and special trackwork industry practices as noted on the plans and specifications are the responsibility of the Bidder.



ASTM242 M8 STEEL TIE

ASTM 242 M8
Section Properties



Section:	M8
Dimension 'A' mm	8
Dimension 'B' mm	98.3
Weight of tie - kg / lb	59/131
Weight of bar - kg/m	22.2
Yield strength - MPa (min)	345
Section moduli - Z Top*10 ³ mm ³	97.4
- Z Bot*10 ³ mm ³	45.7

No.	'e' TYPE ASSEMBLY COMPONENTS	PART No.
1	'e' TYPE RAIL CLIP	NE1
2	NARSTCO CAST HOOK-IN SHOULDER (10mm)	4020

- NOTES:
 1. REBAR CAGE TO BE DESIGNED BY OTHERS.
 2. CONCRETE SLAB THICKNESS TO BE DETERMINED BY OTHERS.

REV.	DATE	DESCRIPTION	BY

NARSTCO
 NORTH AMERICAN RAILWAY STEEL TIE CORPORATION
 300 Ward Rd., Midlothian, TX USA - Phone: 972-775-5560

CLIENT		
STANDARD		
DRAWN	APPROVED	DATE
ZM	LF	OCT 11, 2021

DWG. NO.	1599
TITLE	M8 FLAT 8'-7" TIE IN CONCRETE ENCASEMENT UNINSULATED

REV.	00
FILE	S:/V8 DRAWINGS/TIES/M-TIES
SCALE	NONE

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