

 - Indicates Type 1, Bridge Terminal Assembly required.
 - Indicates Type 2, Bridge Terminal Assembly required.

EXISTING STRUCTURE

Type: Continuous steel beam with reinforced concrete deck and substructures.
Spans: 65'-0", 93'-0", 76'-0", 75'-0", 75'-0", 81'-0", 65'-0" c-c bearings. (Left and Right Structures).
Roadway: 30'-0" f-f 2'-3" Safety curbs
Loading: CR400
Skew: 36 Degrees 33 Minutes Right Forward
Wearing Surface: Monolithic Concrete
Approach Slabs: AS-1-54 (25'-0")
Alignment: Tangent
Tracks: Two
Date Built: 1968
SFN: 6200427 Left, 6200451 Right

PROPOSED STRUCTURE

Type: Continuous steel beam with new widened composite reinforced concrete deck and widened substructures.
Spans: 65'-0", 93'-0", 76'-0", 75'-0", 75'-0", 81'-0", 65'-0" c-c bearings (Left and Right Structures).
Roadway: 48'-0" toe to toe of parapets for each structure.
Loading: HS20-44 Case II and the alternate military loading.
Skew: 36 Degrees 33 Minutes, Right Forward
Wearing Surface: Monolithic Concrete
Approach Slabs: AS-1-81 (25'-0" Long)
Alignment: Tangent
Superelevation: None

PROPOSED WORK

1. Widen piers, beam seats, decks and abutments
2. Remove and replace existing bridge deck
3. Replace existing expansion joints with strip seals
4. Strengthen bridge by welding shear connectors to the beams
5. Jack and reset certain bearings
6. Construct safety shape parapets
7. Replace approach slabs
8. Seal abutments, parapets, pier columns along State St., and wingwalls with epoxy
9. Paint all structural steel
10. Repair designated areas of spill-thru slopes with aggregate

STATION EQUATION:
Sta. 1221+00.00 this plan equals Sta.
371+87.68 original bridge plans.

VERTICAL EQUATION:
Elevation 600.00 this plan equals
Elevation 601.19 original bridge plans.

See roadway plans for approach paving transitions to approach slabs and for deck drainage intercept details off of the bridges.

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SITE PLAN
BRIDGE No. OTT-2-2313 L&N
OVER CONRAIL R.R.
AND STATE ST.

OTTAWA STA. 1221+02.35 to
COUNTY STA. 1226+38.15

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVIS
FO	FO		WJK/RJS	RLE	9-24-93	

