

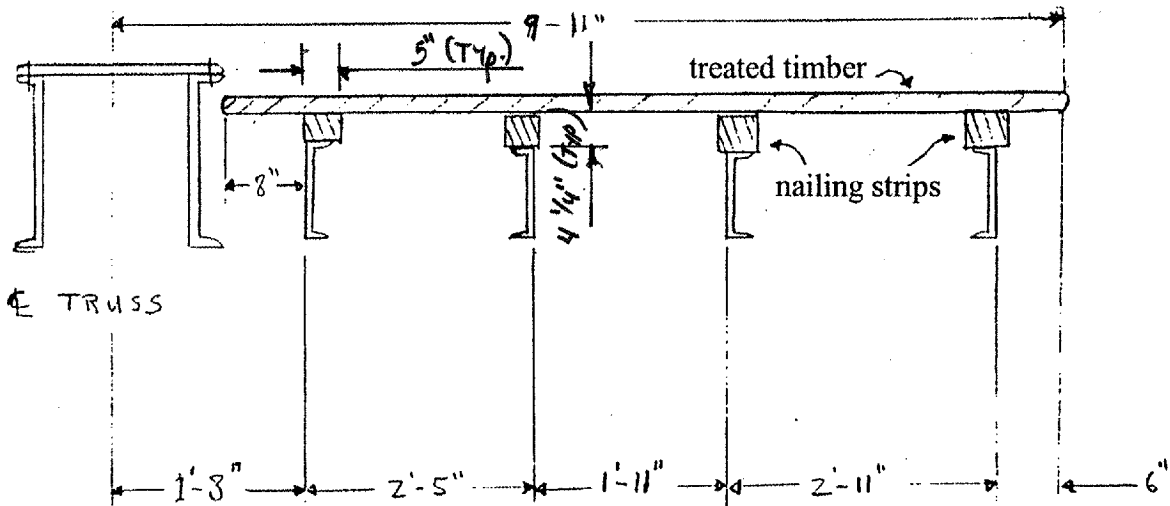
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2005-044 I	WILL	12	9

Cass Street Bridge
S/N: 099-0101
US Route 30 WB/Des Plaines River

Sheet 1 of 3

Timber Sidewalk Replacement Notes

- Use 5" x 5" treated timber nailing strip surfaced to 4-1/4" thick. Secure nailing strip to sidewalk stringers with 5/8" x 5" galvanized carriage head bolts at 2'-0" on center using existing holes in channel stringers. Beveled washers are required on channels.
- Use 2" x 10" treated timber deck plank for sidewalk surface. Use 3-1/2" long stainless steel deck screws to attach planks to nailing strip. Leave 1/8" gap between planks.



View of cross-section of timber sidewalk.

Schedule of Quantities Needed -

- 2" x 10" x 8' treated timbers = 320 each
- 2" x 10" x 10" treated timbers = 42 each
- 2" x 10" x 12' treated timbers = 42 each
- 2" x 10" x 14' treated timbers = 42 each
- 5" x 5" (4-1/4" x 5") x 17' treated timbers = 90 each
- 5/8" x 5" carriage bolts & nuts = 720
- 5/8" diameter bevel head washers = 720 each
- 3-1/2" long stainless steel deck screws = 75 lbs.

ITEM	UNIT	QUANTITY
TIMBER SIDEWALK REMOVAL AND REPLACEMENT	LUMP SUM	.37

APPROXIMATE QUANTITIES
TIMBER = 10,200 FBM
HARDWARE = 750 POUND

NOTE: ONLY ONE SIDEWALK SHALL BE CLOSED AT A TIME

ILLINOIS DEPARTMENT OF TRANSPORTATION
TIMBER SIDEWALK REPLACEMENT
DETAIL
LOC 3 (SN 099-0101)
CASS ST BRIDGE

REV. 1-3-06