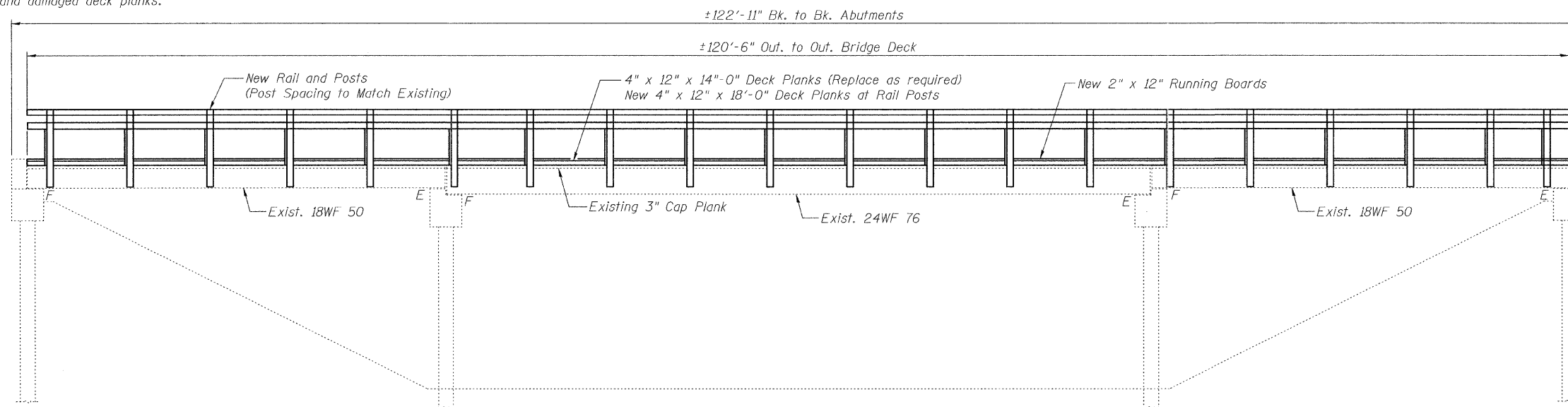
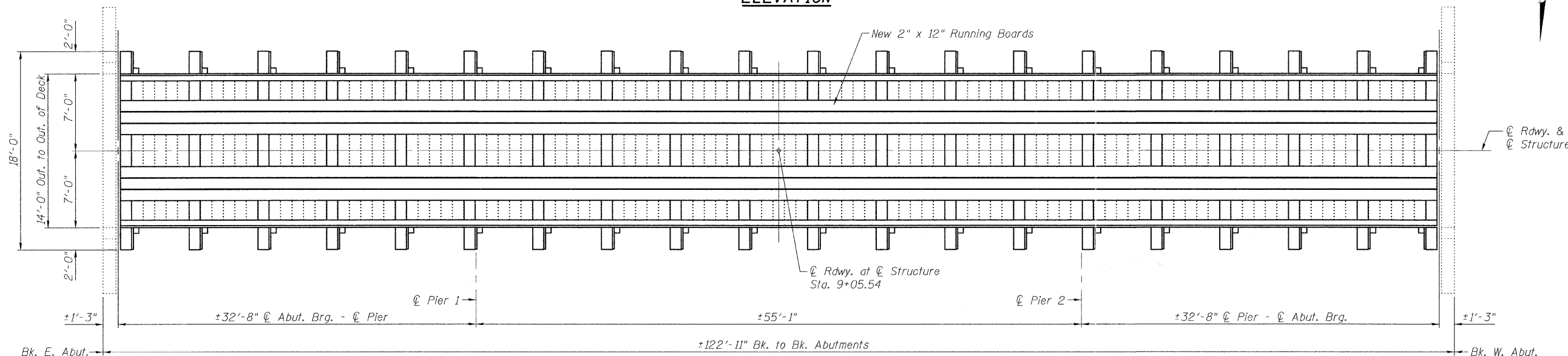


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		MARION	15	14
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Existing Structure: Three span bridge with steel stringers, timber deck, timber running boards, and timber guardrail.  
Proposed Improvement: Clean timber deck, remove and replace timber running boards, timber curb, timber guardrail, and damaged deck planks.



**ELEVATION**



**PLAN**

**GENERAL NOTES**

All construction shall conform to the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction adopted January 1, 2007.

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

All timber shall be treated in accordance with Section 1007.12 of the Standard Specifications.

The Contractor shall predrill holes where required for driving nails. The cost of predrilling holes will be included with "Hardware".

All hardware shall be hot dip galvanized according to AASHTO M232, Class C.

DESIGNED	F.L.L.
CHECKED	M.A.H.
DRAWN	F.L.L.
CHECKED	M.A.H.

PLT DATE = #DATE#  
FILE NAME = #FILES#

**STRESSES**

Fb = 1050 psi (Red Oak No. 2, 2" to 4" thick, 5" and wider)

**TOTAL BILL OF MATERIAL**

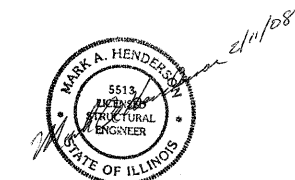
ITEM	UNIT	TOTAL
Removal Of Existing Runners	Sq. Ft.	723
Removal Of Existing Curbs	Foot	241
Removal Of Existing Bridge Rail	Foot	241
* Removal Of Existing Deck Planks	Sq. Ft.	504
Cleaning Deck	Sq. Ft.	1297
Treated Timber	F.B.M.	4838
Bridge Rail	Foot	241
** Hardware	Pound	303

\* Includes deck planks at rail posts and estimated 10% of remaining deck planks.

\*\* Includes attachment of curb to deck and rail posts, deck to exist. cap plank, and runners to deck planks.

**APPROVED**  
FOR STRUCTURAL ADEQUACY ONLY

*Ralph E. Anderson*  
ENGINEER OF BRIDGES AND STRUCTURES



EXPIRATION DATE: 11/30/08

**GENERAL PLAN & ELEVATION**  
**BIOSTATION BRIDGE**  
**STEPHEN FORBES STATE PARK**  
**MARION COUNTY**  
**STRUCTURE NO. 061-9201**