

ORIGINAL

PETITION
STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

City of Alton, Illinois, by its Mayor,
Donald E. Sandidge,)
)
)

vs. T 97-0050

Norfolk Southern Corporation and State of
Illinois Department of Transportation,)
)
)

Petition for permission to construct an
overhead grade separation crossing of
Indiana Avenue, MFT Section # 97-00208-
01-GS, Structure # 060-6110, over the
tracks of the Norfolk Southern Corporation
at a location approximately 1/3 mile north of
Illinois Route 143, Alton, Madison County,
Illinois.)
)

TO THE ILLINOIS COMMERCE COMMISSION:

Now comes the Petitioner, City of Alton, Illinois, by Donald E. Sandidge,
its duly elected Mayor, and respectfully represents:

1. That Indiana Avenue, to be maintained by Petitioner, is to be constructed
along an alignment which would extend over the tracks of the Norfolk Southern
Corporation at a location approximately 1/3 mile north of Illinois Route 143, Alton,
Madison County, Illinois.

2. That the Petitioner proposed to construct a highway overpass structure to
a standard suitable for a four lane highway, in accordance to the plans marked Exhibit
"A" and at the location at the place shown in same Exhibit "A", attached hereto and
made part hereof.

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ILLINOIS COMMERCE COMMISSION

DOCKETED

3. That it is necessary, to preserve or promote the safety of the public and for public convenience and necessity, to separate the grade by the construction of the overpass substantially as proposed herein.

4. That upon completion of the highway improvement, a highly increased amount of vehicular traffic will use said overpass and a portion of said traffic will be State-Wide in nature.

5. That newly constructed Indiana Avenue will provide a convenient connection from Illinois Route 143 to Broadway Avenue in Alton.

6. That the newly constructed Indiana Avenue is in accordance with Alton's tax increment finance redevelopment plan and will aid in the industrial redevelopment of the surrounding area.

7. That an engineering study made by Petitioner estimates the cost of construction with a four (4) lane concrete and steel structure, including approaches to be \$7.1 million.

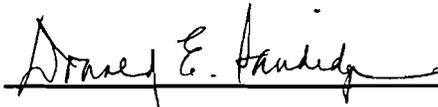
8. That Petitioner is willing to contribute towards the expenses of constructing the overpass Bridge, but it is unable to defray costs which should be borne by respondent department, on behalf of the statewide public.

9. That the Secretary of the Department of Transportation of the State of Illinois, in view of the volume of State-wide vehicular traffic passing over the aforesaid overpass, should be directed to pay from the Grade Crossing Protection Fund as set forth in the motor fuel tax law, a portion of the cost involved.

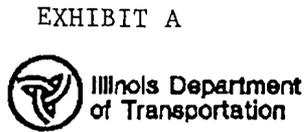
WHEREFORE, Petitioner prays that the Illinois Commerce Commission conduct a hearing on this petition, and after the hearing, provide by order the construction of the overpass bridge, prescribing the manner in which the expenses shall be divided among the parties, and directing that the Illinois Department of Transportation pay a substantial part of the expenses from the Grade Crossing Protection Fund.

DATED at ^{Alton}Edwardsville, Illinois, this 9th day of July, 1997.

CITY OF ALTON, ILLINOIS

By: 

Municipality Alton
 County Madison
 Road District _____
 Prepared by TEH
 Firm Hanson Engineers, Inc.
 Date 6/10/97



Project _____
 Section 97-00208-01-GS
 Route Indiana Avenue
 Stream N/A
 Ex. St. No. N/A
 Pr. St. No. 060 -- 6110

Preliminary Bridge Design
 and Hydraulic Report

Proposed Type of Funding; FAU FAS BRRP TBP MFT Non-MFT
 (Circle One or More) Other Grade Crossing Protection Fund

1. Approach Surface Data: Rigid? Yes No _____
 Surface Width: Existing N/A Proposed 2 @ 24'
 Shldr. to Shldr. Width: Existing N/A Proposed 86'
 Proposed Side Slopes 3:1

2. Proposed 1999 Construction; Will Structure Be
 Built under State Supervision Yes _____ No _____

3. Road Classification TWS 4; DHV 1250, ADT 12500,
 Design Speed 40 MPH % of Trucks 5

4. Exist. Br. Cr. El. N/A @ Sta. _____
 Prop. Br. Cr. El. 460.20 @ Sta. 125 + 20.00

5. Drainage Area N/A sq. km.

Design Flood Frequency N/A years
 Design Frequency High Water Elev. N/A m

6. Effective opening below design frequency high water elevation

Thru Existing Bridge N/A m Over-the-road _____ m
 Thru Proposed Bridge N/A m Over-the-road _____ m

Type of structure proposed Bridge _____ Culvert _____ Special Design _____ Std. Plans _____

7. Spans 3 @ 72' - 4", 115' - 8", 72' - 4" Design Loading HS20

8. Superstructure Type Cast-in-place concrete deck supported by steel plate girders.

9. Clear Roadway Width 60' - 8"; Rail Type Concrete Parapet

10. Wearing Surface: Type None Thickness _____

11. Deicing Agents Used: Yes No _____

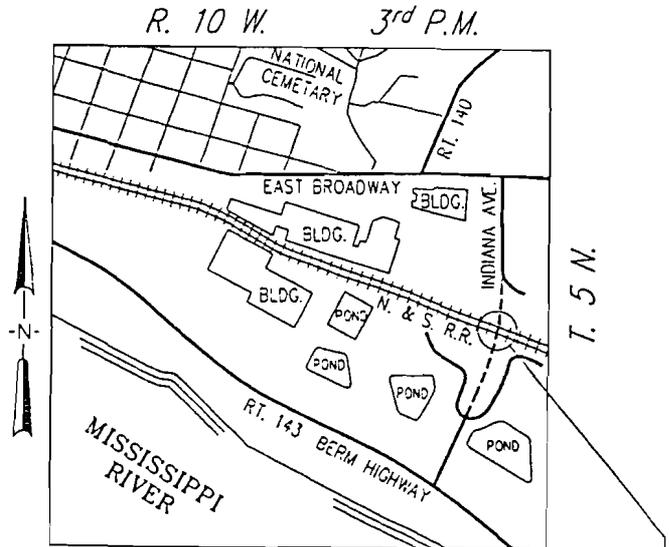
12. Pier Type Multi-Column Railroad Abutment Type Integral

Embankment Slopes Under Bridge 2:1

13. Structure Length Back to Back Abutments 263' - 0"

14. Borings By CIDCO Expected Submittal Date for Borings Attached

15. Proposed Skew Angle 19° - 30' Forward on Rt. _____ Lt.



LOCATION PLAN Proposed Structure

Hydraulic Report

16. Is the crossing within a mapped National Flood Insurance Program area? _____
Map number _____
17. Does existing bridge carry high water flow? _____ Too small? _____
18. Elevation of low point on proposed approach roadway _____ m.
19. Will proposed structure carry entire flood flow? _____. If not, state kind and area of additional waterway. _____

20. Character of drainage area:
Level, Rolling, Hilly, Sand, Clay, Wooded, Cultivated, etc.
Give% of above _____
21. Will drift or ice permit pier in channel? _____
22. Type of streambed soil _____
23. Has scour occurred under or near existing structure _____; If yes, reason for scour _____

24. Comments on hydraulic adequacy of existing structure _____

25. Waterway areas of upstream and downstream structures on same stream and statements on their adequacies to handle flood flows _____

26. Will any house, places of business, or valuable property be affected by backwater from the proposed bridge? _____
27. Is any channel excavation proposed? (other than construction of new abutments) _____
If so, attach channel change sketch.
28. Are there any streamflow data (gaging station or flood study) available for the stream at or near the proposed site? _____ If yes, please attach an analysis of the data.
29. Please indicate information regarding high water from other streams, reservoirs, flood control projects, proposed channel changes, strip mine areas, or other controls affecting the proposed waterway area _____

30. Attachments: Check those items below that are included.
- () Reproduction of applicable portion of USGS quadrangle showing locations of proposed bridge and structures described in Item 26
 - () Minimum of two typical right angle cross sections including flood plain above high water elevation
 - () Streambed profile
 - (X) Profile of existing and proposed roadway across flood plain
 - () Hydraulic calculations
 - () Application for permit (Joint Form NCR-426)
 - () Waterway sketch
 - () Channel Change sketch
 - () Applicable certification(s)
 - (X) Boring data
 - () Justification for structure size selected for design. (If required)
 - (X) Other Railroad Approved Letter